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

F.B. 2667 Pg.

	Job	Description
		CYPRESS AVE. - J.N. 0074.44
	Index	
	C.L.	Proposed C.L. of Cypress Ave. from "E" Street westerly to Cypress Ave. at Amelia Ave.
	C.L.	Tie between proposed C.L. & triangulation control.
	Mon.	Monumenting corners of Lot 9 & 19, Tr. 1796.
		PUDDINGSTONE RESERVOIR STATE & CO. PARK RECREATION AREA 0054.99
	Index	
	C.L.	Recovery of C.L. P.I.'s on Puddingstone Dr. between San Dimas Ave. & P.I. 6 west of "E" St.
	Stak.	North Shore Development, Phase I. Test Hole Staking per Sur. Div. H-219 J.N. 8804.29
	Ties	for P.I's. No. 11N, 13N, & 14N.
		GRAND AVE. - J.N. 0074.20
2	Index	
2	P-line	From Valley Blvd. S'ly to Brea Cn. Rd.
	Topog.	Loc. of well So. of S.P.R.R. R/W.
8	B.M.	Bench levels.
36	Prof.	Of "P" line.

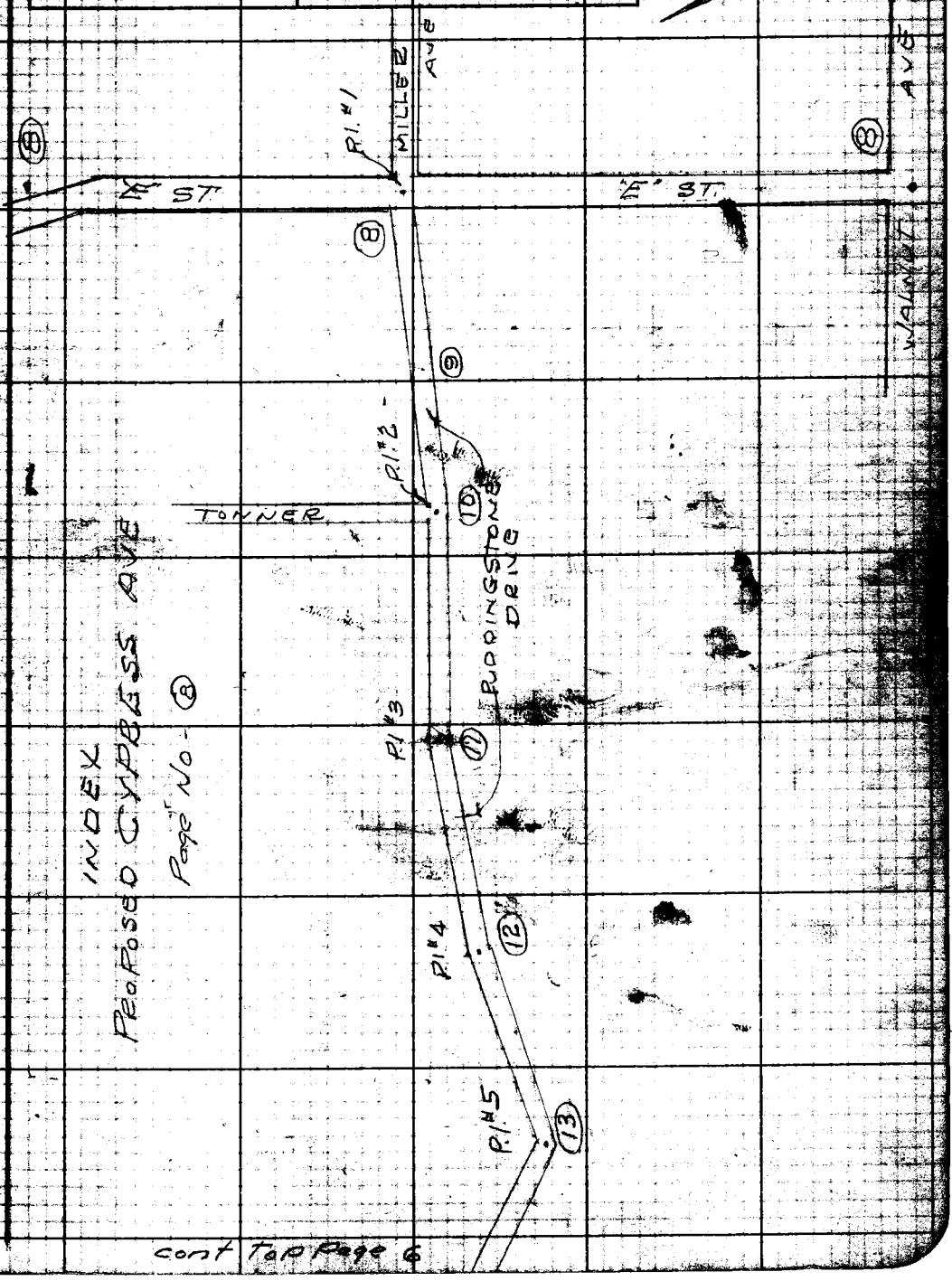
Microfilmed Feb. 86

(cont'd on next page)

F.B. 2667 Pg.

Page	Job	Description
137-142	Tie	Geodetic tie between Covina K-12 & "P" line.
143-162	Prof.	Of Grand Ave. from 600' N. of G-9 south of Brea Cyn. Rd.
163-167	C.L.	Staking C.L. from inter. of Valley Blvd. S'ly to
169-199	X-Sec.	On Grand Ave. from Valley Blvd. to U.P.R.R.
201-202	Index	
203-223	C.L.	Survey of Grand Ave. fr. Valley Blvd. SE'ly to Brea Cyn. Rd.
		PUDDINGSTONE RESERVOIR-STATE & COUNTY RECREATION AREA. 0054.99
225-226	Index	
227-230	C.L.	Centerline survey for sewer main along Puddingstone Drive.
231-236	B.M	Bench levels.
237-248	Loc.	of Improvement
249-274	X-Sec.	Profile & X-Sec. along Puddingsto Drive
275-284	X-Sec.	Profile & X-Sec. of Live Oak, Marshall Creek and Puddingstone Channel
71-78	BDY	BRACKETT FIELD W'ly SIDE JAN 1971
79-90	C.L	RETRACEMENT "E" st WEST into FG BONELLI PARK. 12-75
91-94	CONST UN6950.10	BRACKETT FIELD HANGER DRAINAGE MODIFICATION 1-5-76

Notes Ck'd by	Survey of CYPRESS AVE	F. B. 2667 PG. 5
Map No. B-2764-1	JN 007444 Tape Std. °F	
Office Work T. H. BURNS	Surveyed by G. PORTER	
Checked	Notes PORTER Date 10-60	
Date	Indexed H. E. OTT NOV 2 '60	



cont Top Page 6

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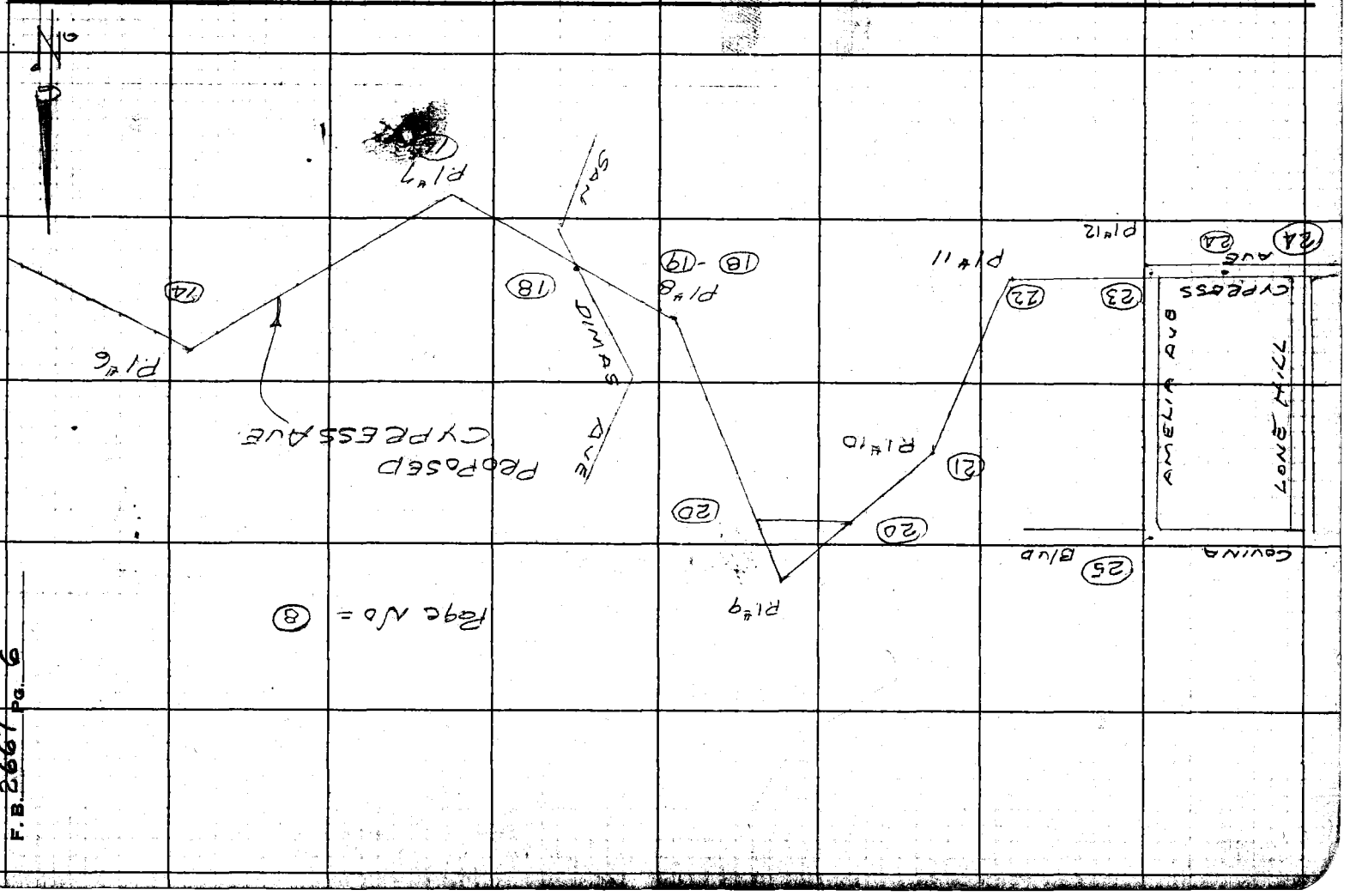

Notes Ck'd by
Map No. B-2764-182
Office Work T. H. BURNS
Checked
Date

Survey of CYPRESS AVE
JN 0074.44 Tape 0174 Std 68 °F
Surveyed by G. PORTER
Notes PORTER Date 10-3-60
Indexed H. E. OTT NOV 8 '60

F. B. 2667 Pg. 7

SURVEY
PROPOSED

CYPRESS AVE.
FROM
'E' ST WESTERLY TO CYPRESS AVE
AT AMELIA AVE

REF
S.DF-96-15. 1-2-3

J.N. 0074.44
G. Porter & Party

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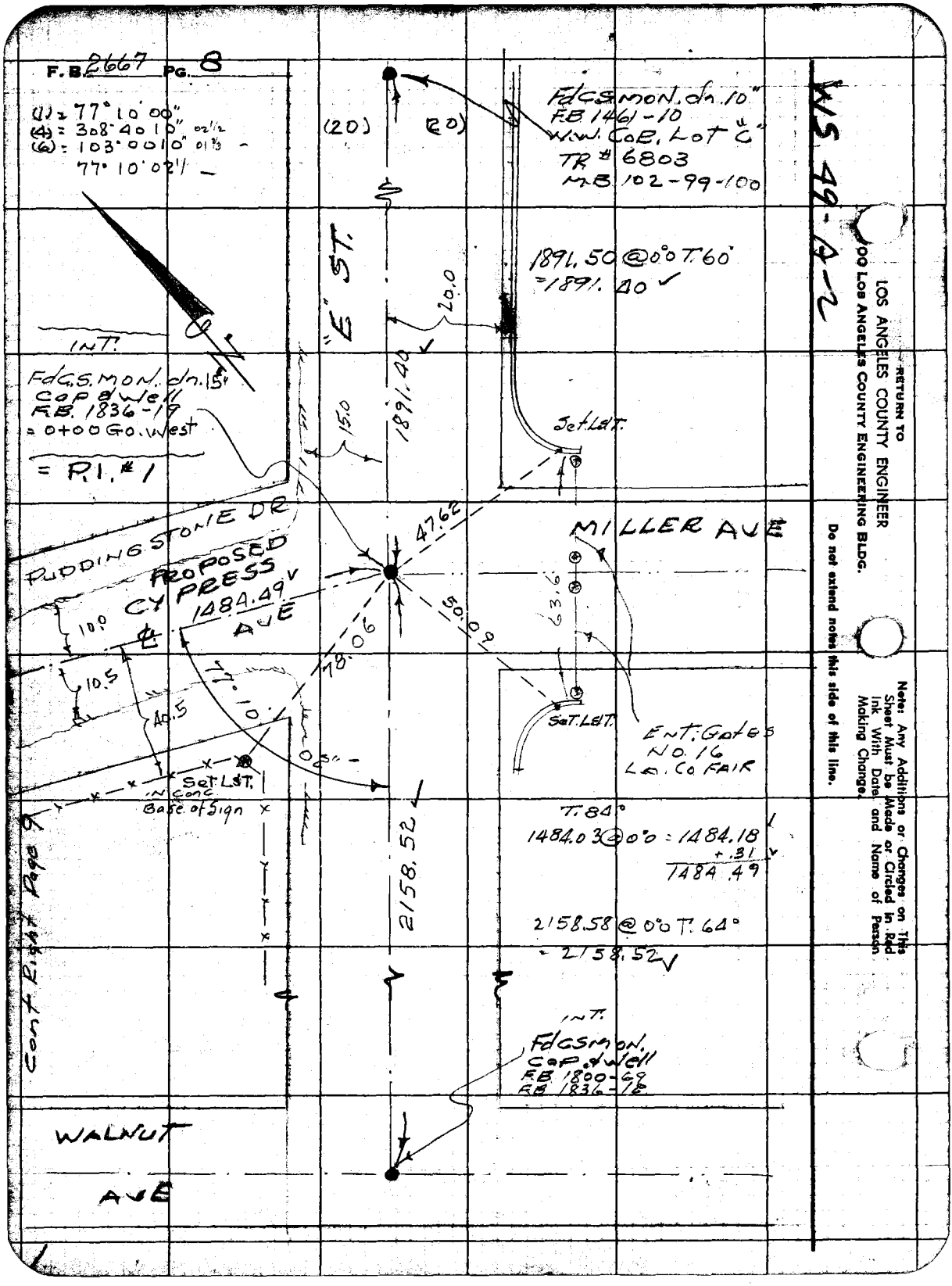
763093 CE #247—7-63


F.B. 2667 PG. 8
(1) = 77° 10' 00"
(4) = 308° 40' 10" 02½
(6) = 103° 00' 10" 01⅓
77° 10' 02½
(20)
(20)
FdCSMON. dn. 10"
F.B. 1461-10
W.W. Co.E. Lot "C"
TR # 6803
M.B. 102-99-100
1891.50 @ 0°0 T. 60°
= 1891.40
"E" ST.
20.0
1891.40
INT.
FdCS.MON. dn. 15"
Cap & Well
F.B. 1836-19
= 0+00 Go. West
= P.I. #1
15.0
Set L&T.
PUDDINGSTONE DR
PROPOSED
CYPRESS
AVE
1484.49
47.62
MILLER AVE
63.6
50.09
78.06
10.0
10.5
40.5
77° 10'
08"
Set L&T.
IN Conc.
Base of Sign
Set L&T.
Ent. Gates
No. 16
La. Co. FAIR
T. 84°
1484.03 @ 0°0 = 1484.18
+.31
1484.49
2158.52
2158.58 @ 0°0 T. 64°
= 2158.52
INT.
FdCSMON.
Cap & Well
F.B. 1800-69
F.B. 1836-18
Cont. Right Page 9
WALNUT
AVE
WS 49-A-2
RETURN TO
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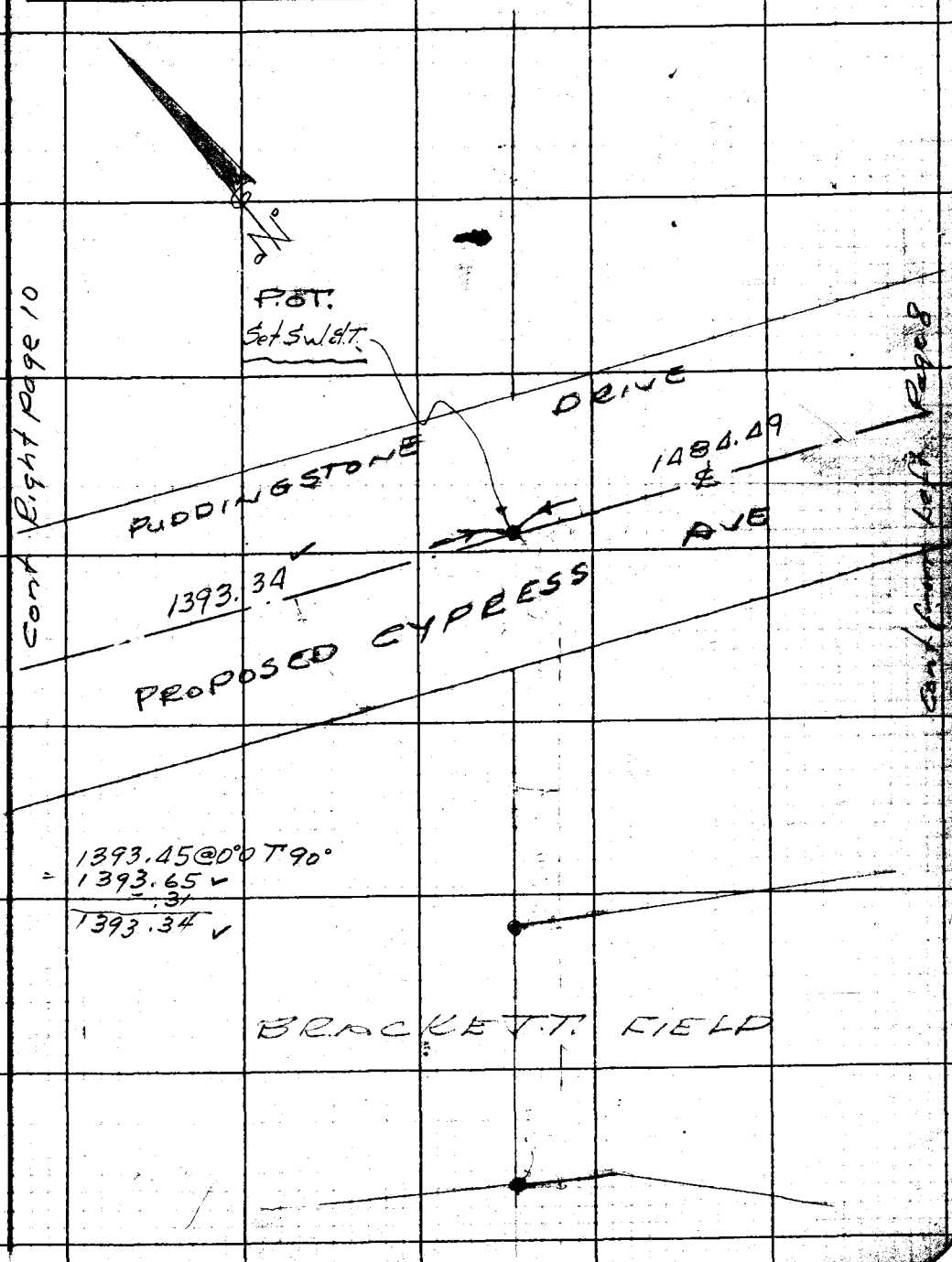
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. J. BRENNER	Survey of CYPRESS AVE
Map No. B-2764-1	JN 0074.44 Tape 0174 Std 68 °F
Office Work T. H. BURNS	Surveyed by G. PORTER
Checked	Notes PORTER Date 10-4-60
Date	Indexed

F. B. 2667 PG. 9



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763098 CE #247—7-53

F.B. 2667 PG. 10

(1) = 84° 34' 00"
(4) = 338° 16' 10" 02½
(6) = 147° 24' 30" 05 –
84° 34' 05" –

Fd C.S. Mon. dn. 7"
Cap & Well
F.B. 1800 – 77
Set 2-3' S w/ d.t. Ties

END MAC PAV

Fd P.M. in + R.M. of
Met. W. Dist. M.H.

Set P.M. in
+ R.M. S Sewer
M.H.

7.45

7.52

1204.68 @ 0°0 T. 80°
= 1204.77 ✓

(1) = 174° 42' 20"
(4) = 338° 49' 30" 22½
(6) = 328° 14' 20" 23⅓ –
174° 42' 25" –

TONNER AVE
1204.77

84° 34' 05" –

42

25" –

174'

PUDDING STONE DRIVE

℄

1393.34

CYPRESS AVE

℄

1121.29 V
PROPOSED

Cont. top page 11

Cont from left page 9

Fd C.S. Mon. dn. 8"
Cap & Well
F.B. 1800 – 78
F.B. 1836 – 23
= old P.I. #7
Set 2-S. w/ d.t. 3' ties
= P.I. #2

VACATED

T. 92°
1121.12 @ 0°0
= 1121.29 ✓

BRACKETT FIELD

WS 49 A-2

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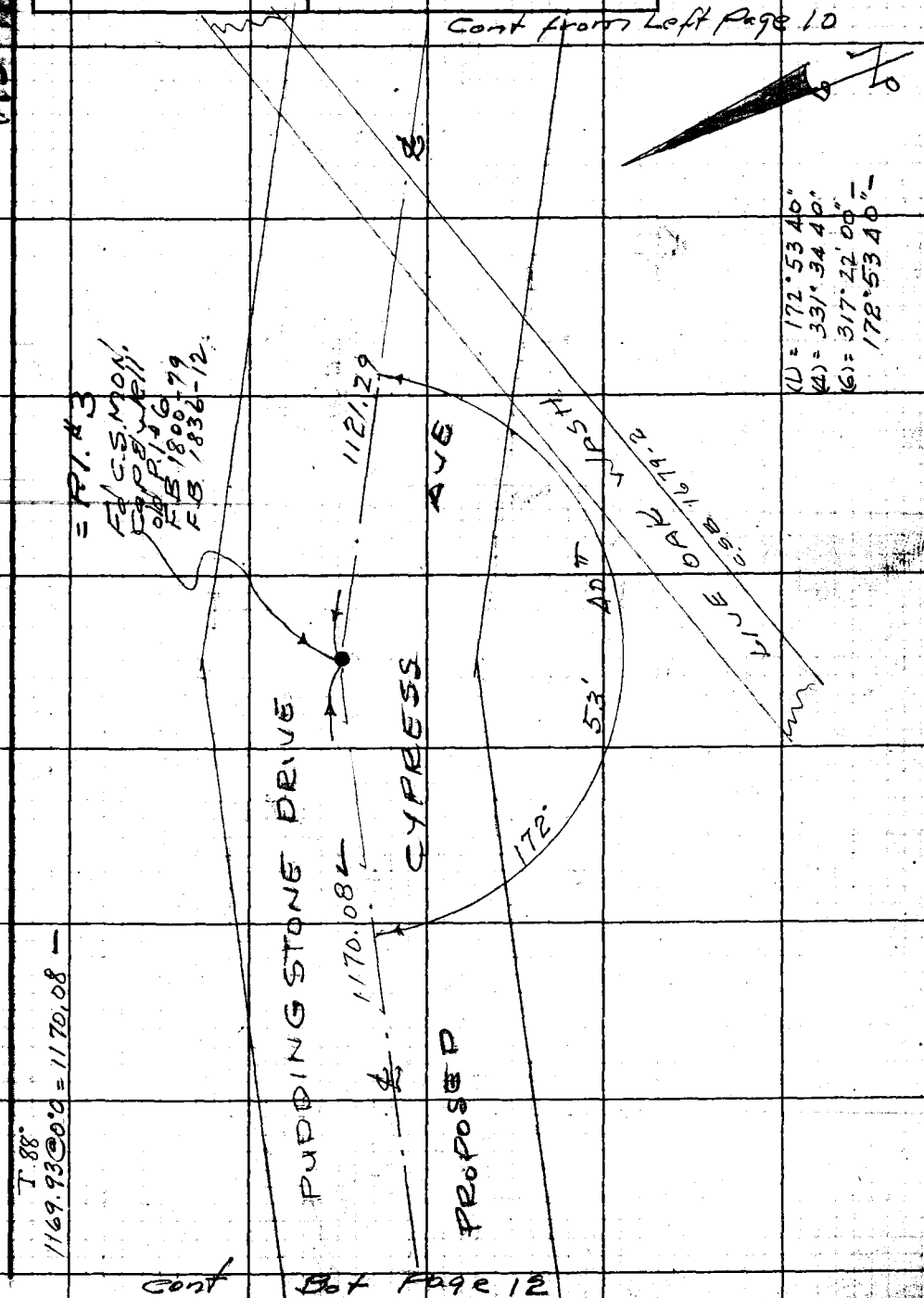
Map No. B-2764-1	JN 007444 Tape 0174 Std 68 °F	
Office Work T. H. BURNS	Surveyed by G. PORTER	
Checked	Notes PORTER Date 10-4-60	
Date	Indexed H. E. OTT	

Cont from Left Page 10



Cont Bot Page 12

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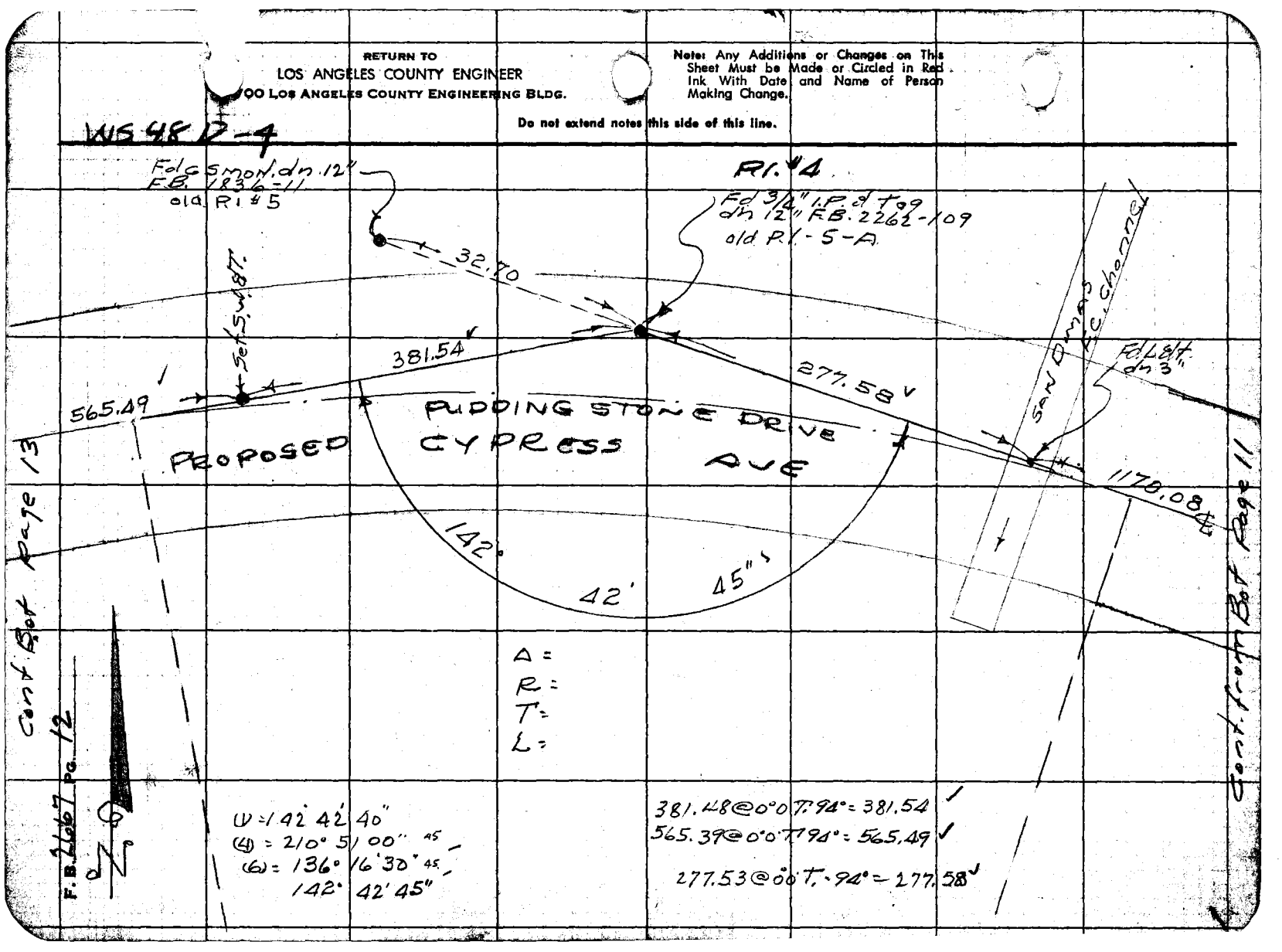
WS 48 D-4



Δ =
R =
T =
L =

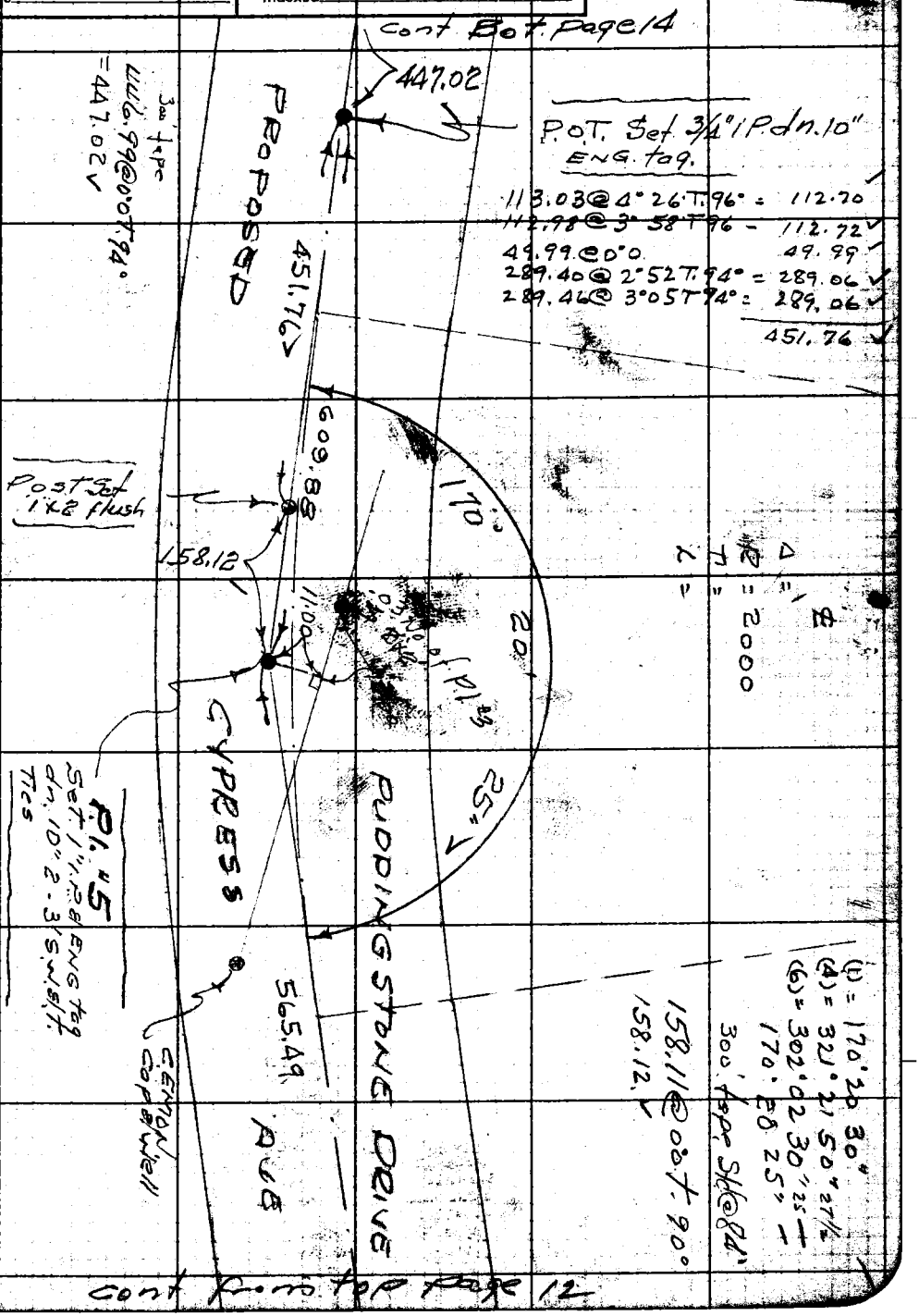
Δ = 142° 42' 40"
(4) = 210° 5' 00" 45
(6) = 136° 16' 30" 45
142° 42' 45"

381.48@0°0'T.94° = 381.54
565.39@0°0'T.94° = 565.49
277.53@0°0'T.94° = 277.58

Notes Ck'd by W. J. BRENNER	Survey of CYPRESS AVE
Map No.	JN 007444 Tape 115 Std 84 °F
Office Work T. H. BURNS	Surveyed by G. PORTER
Checked	Notes PORTER Date 10-5-60
Date	Indexed H. E. OTT

F. B. 2667 PG. 13

WS 48D-4



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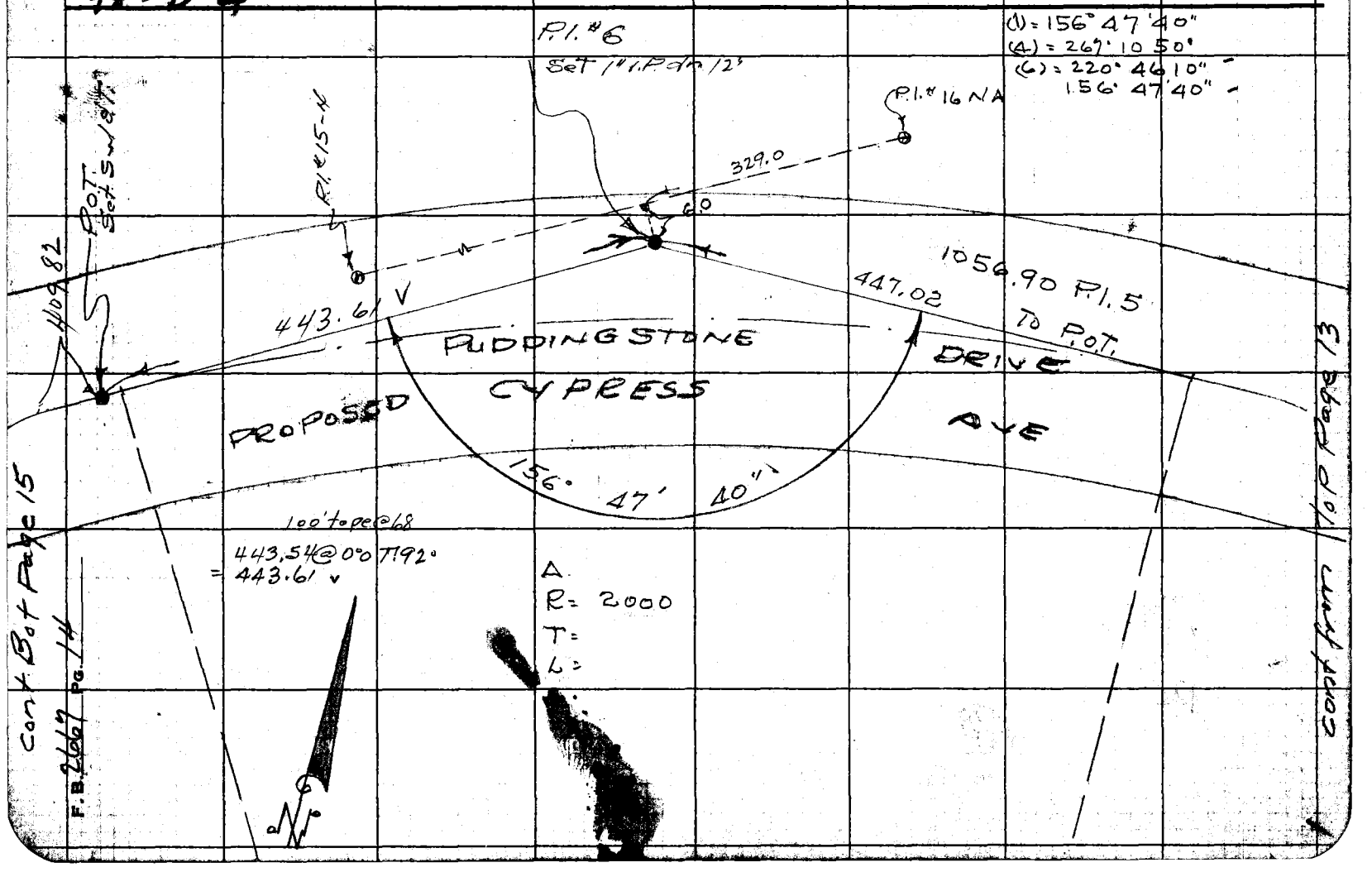
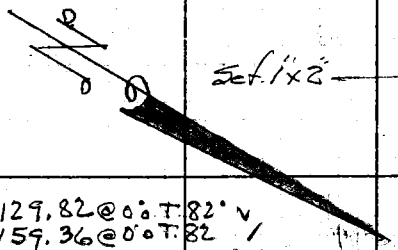
48-D-4



Notes Ck'd by W. J. BRENNER	Survey of CYPRESS AVE	F. B. 2667 PG. 15
Map No.	JN 0074.44 Tape 115 Std 84 °F	
Office Work T. H. BURNS	Surveyed by G. PORTER	
Checked	Notes PORTER Date 10-6-60	
Date	Indexed H. E. OTT	

Cont Bot page 16



Set 1"x2"

406.31

129.82 @ 0°0 T 82°
159.36 @ 0°0 T 82
289.18
117.13
406.31

300' tape Std @ 84°
T 88°
118.23 @ 7°49 = 117.13
118.07 @ 7°13 = 117.13

T 88°
214.46 @ 1°32 = 214.39
214.50 @ 1°56 = 214.39
109.90 @ 0°0 = 109.90
324.29

100' tape std @ 68°
303.51 @ 0°0 T 94° = 303.56

409.75 @ 0°0 T 94° = 409.82

PROPOSED CYPRESS AVE

Set 1"x2"

324.29

P.O.S.T. Set S.W.&T.

303.56

P.O.T. Set S.W.&T.

409.82

Cont from Top Page 14

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763098 CE #247—7-59

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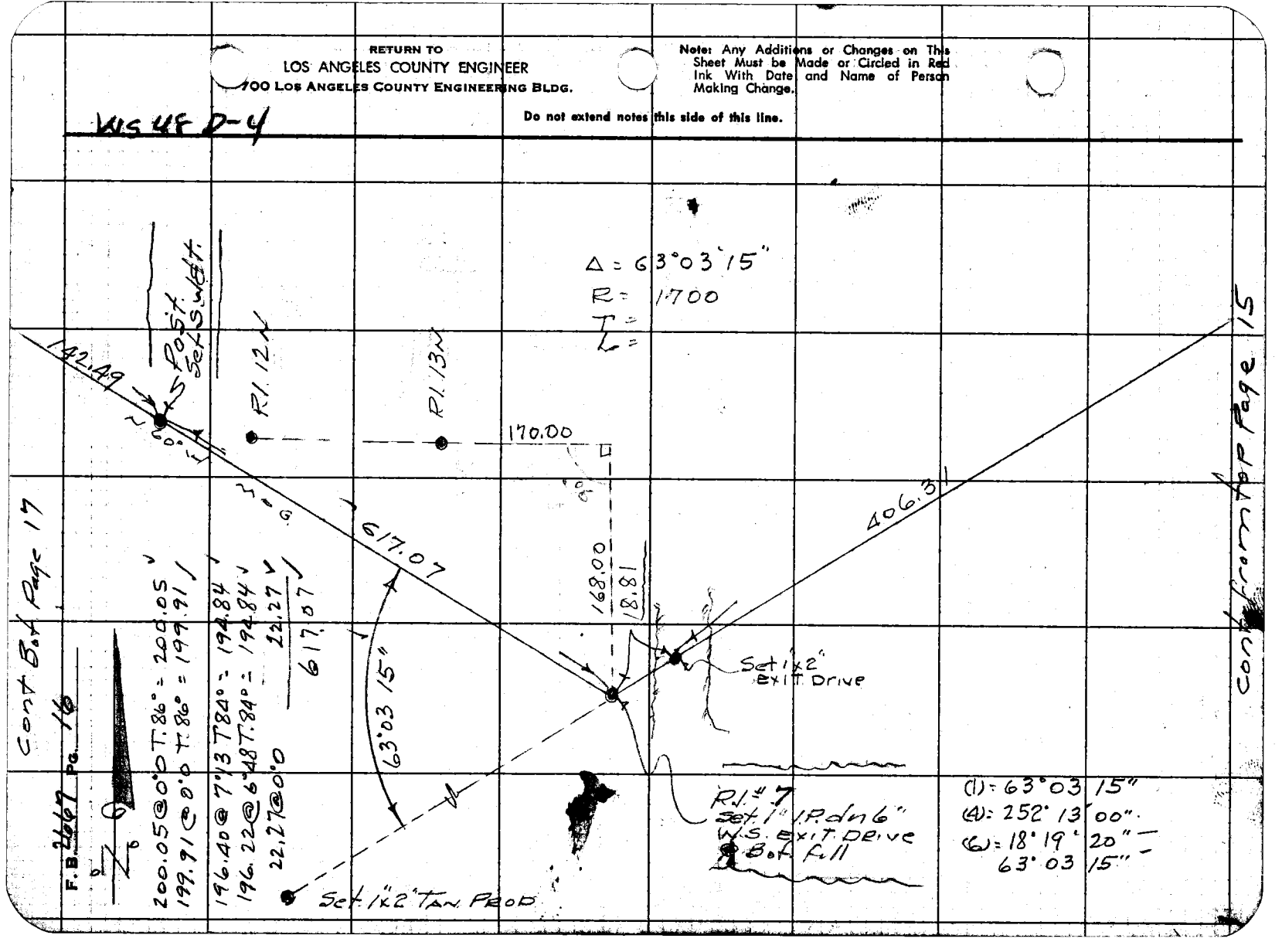
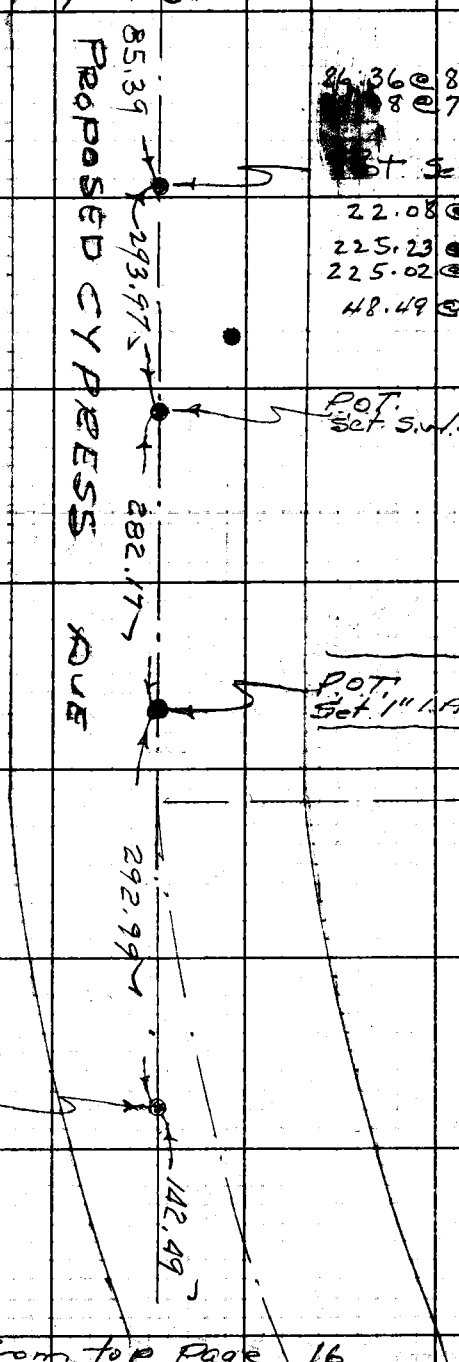
WS 4F D-4



Notes Ck'd by W. J. BRENNER	Survey of CYPRESS AVE	F. B. 2667 Pg. 17
Map No.	JN 007444 Tape 115 Std 8A °F	
Office Work T. H. BURNS	Surveyed by G. Porter	
Checked	Notes Porter Date 10-7-60	
Date	Indexed H. E. OTT	

WS 48-D-4

Cont Bot page 18



86.36 @ 8° 37 T 80° = 85.39 ✓
[illegible]8 @ 7° 15 T. 80° = 85.39 ✓

[illegible]ot. Set 1"x2" in Saddle

22.08 @ 0°0 = 22.08 ✓
225.23 @ 7°20 T. 80° = 223.39 ✓
225.02 @ 6°52 T 80° = 223.4[illegible]
48.49 @ 0°0 = [illegible]
293.97 ✓

POT. Set S.W.&T.

T. -84°
282.17 @ 0°0
= 282.17 ✓

POT. Set 1" I.P. dn. 10"

T. 84°
292.99 @ 0°0
= 292.99 ✓

Set 1"x2" Flush

T. 84°
142.49 @ 0°0
= 142.49 ✓

cont from top page 16

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763098 CE #247—7-53

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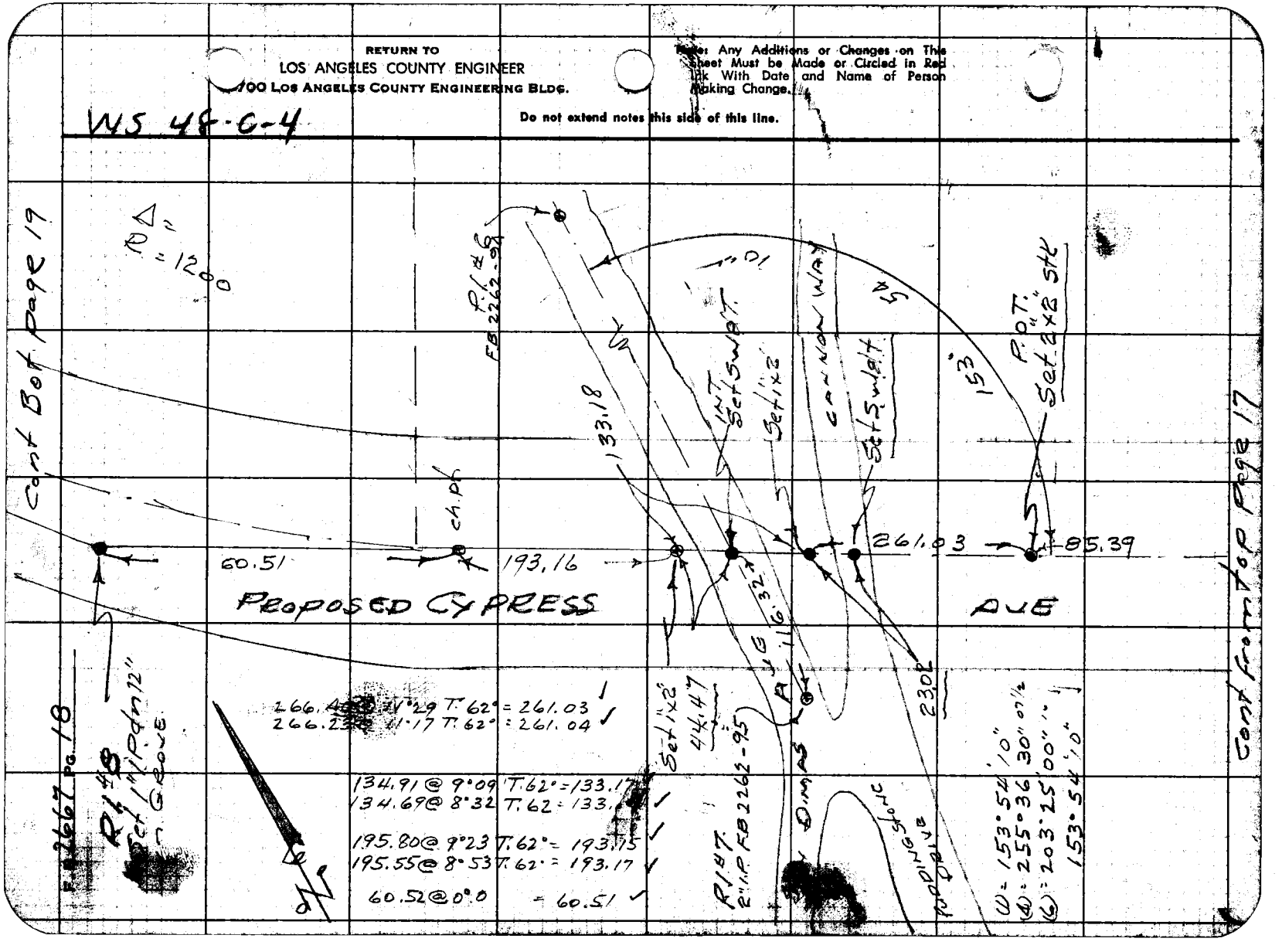
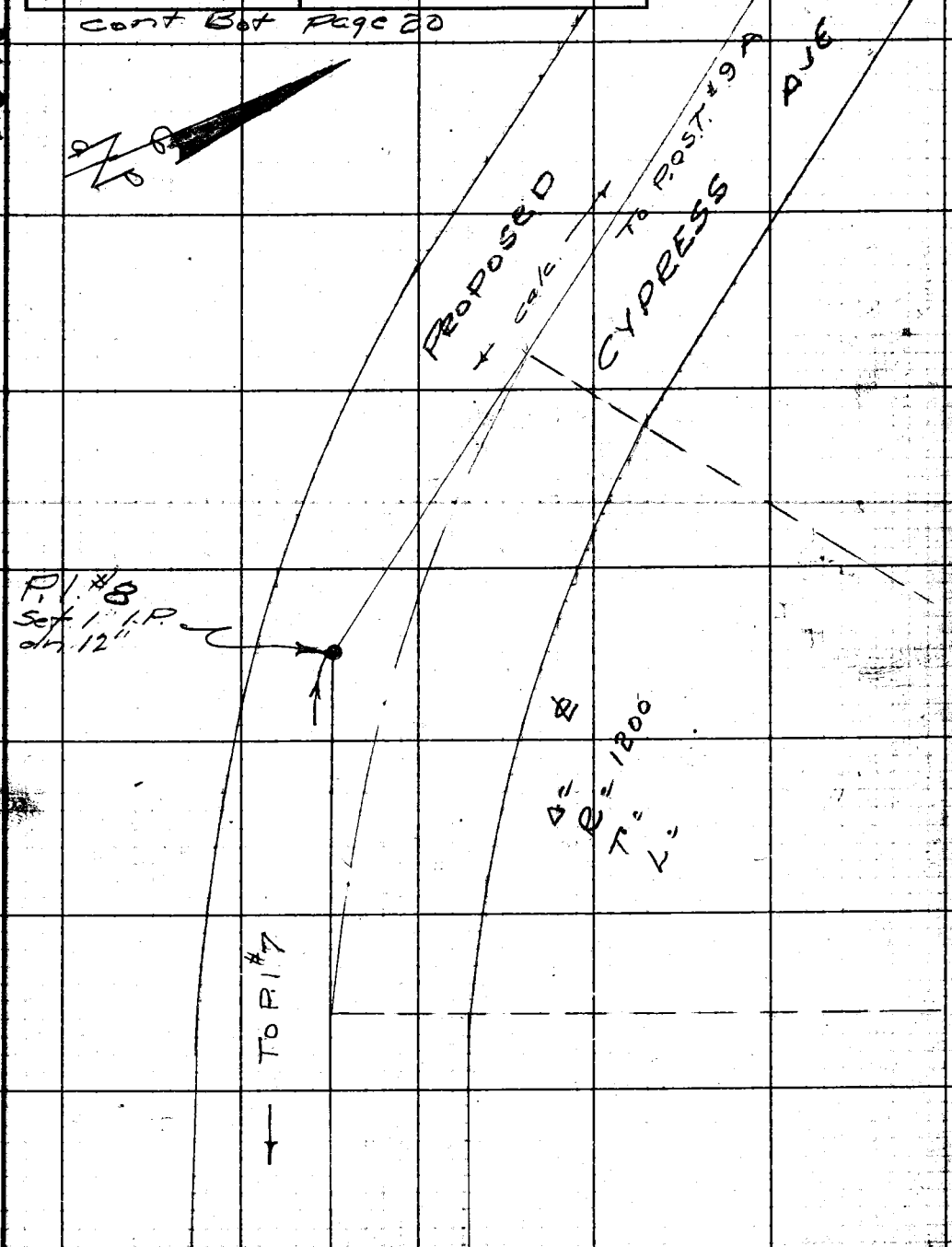
WS 48-C-4



Notes Ck'd by W. J. BRENNER	Survey of CYPRESS AVE
Map No.	JN 007444 Tape Std °F
Office Work T. H. BURNS	Surveyed by G. PORTER
Checked	Notes PORTER Date 10-8-60
Date	Indexed H. E. OTT

F. B 2667 PG. 19

Cont Bot Page 20



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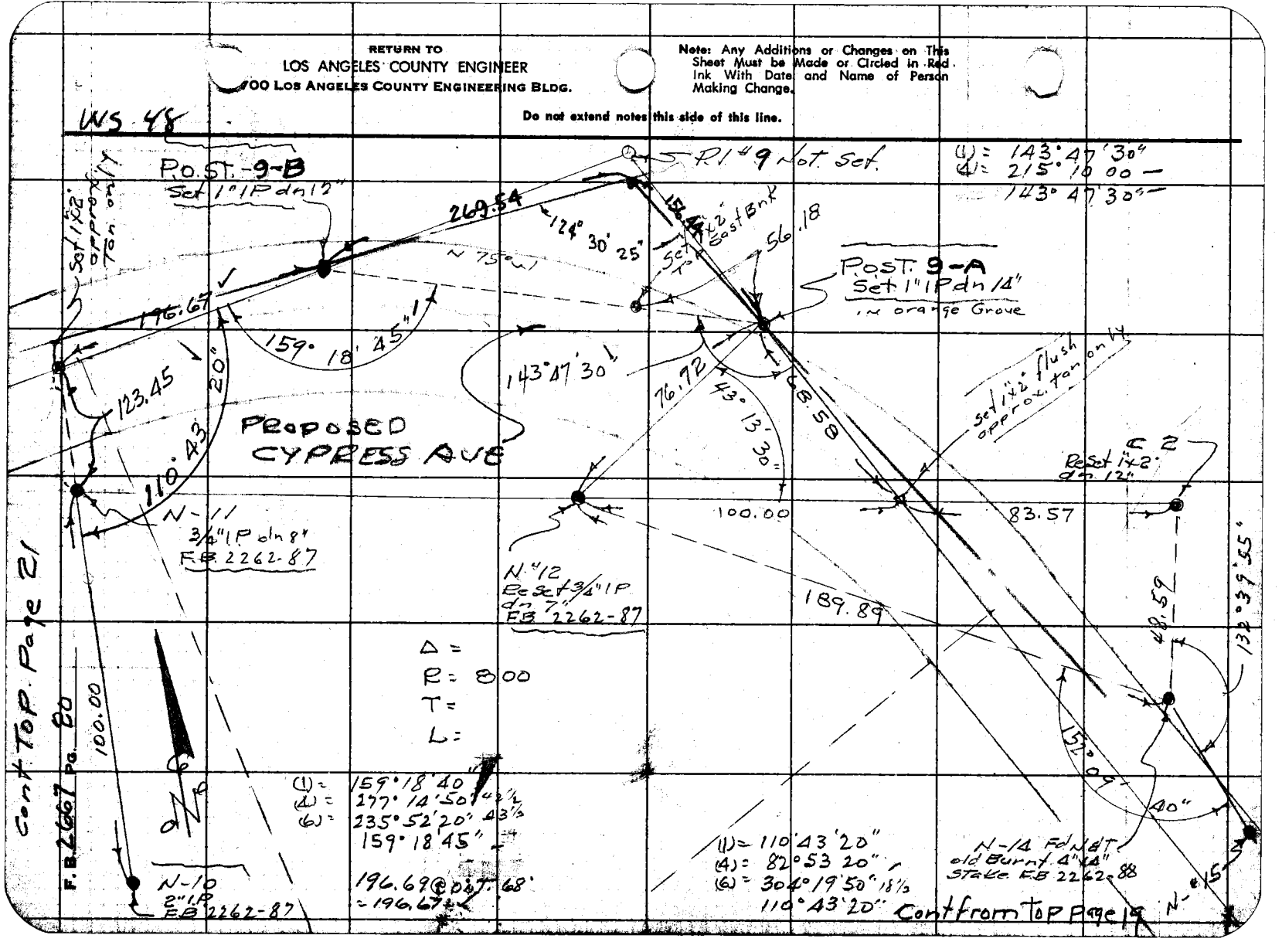
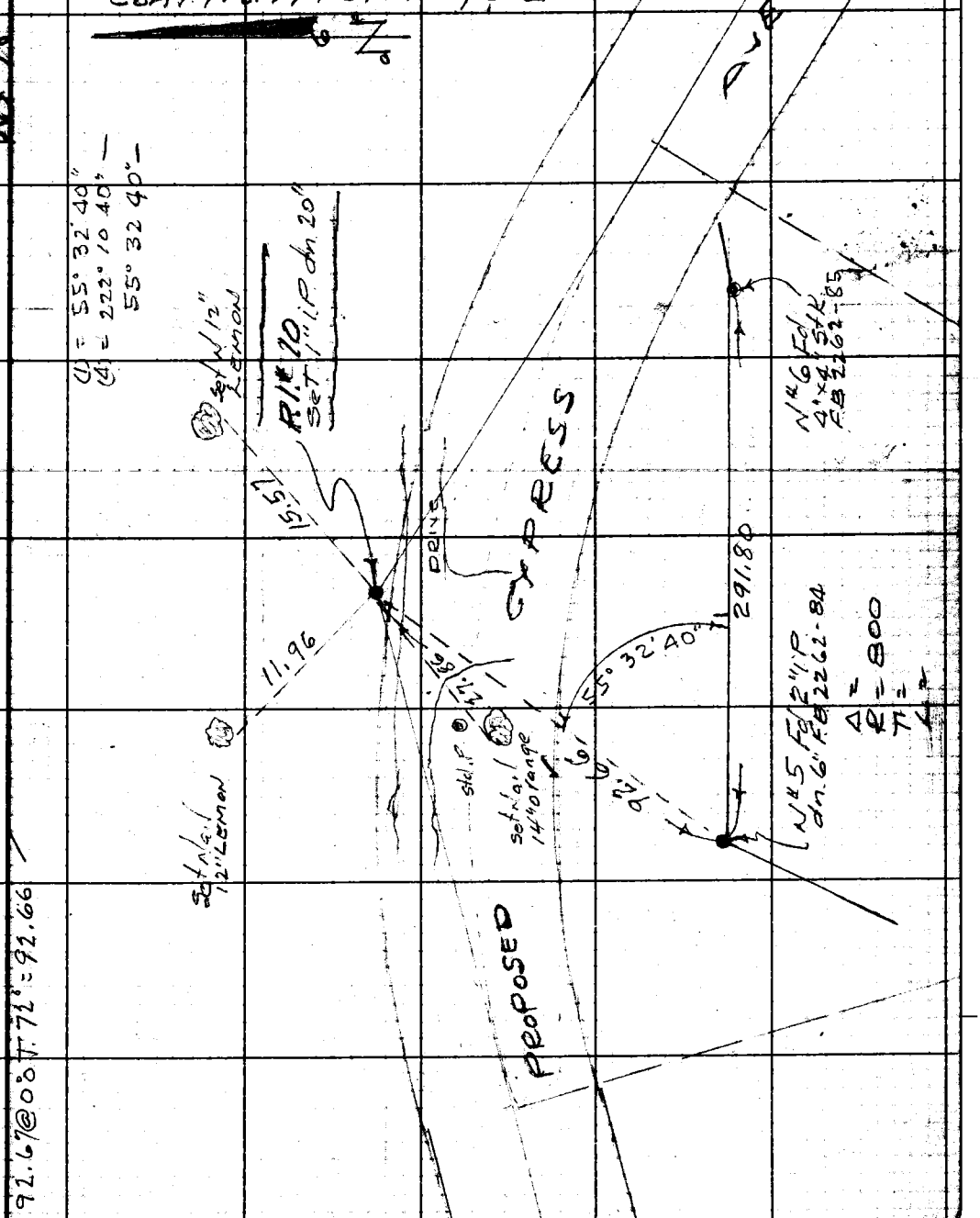
WS 48



Notes Ck'd by W. J. BRENNER	Survey of CYPRESS AVE	F. B. 2667 PG. 21
Map No.	JN 007444 Tape 115 Std 84 °F	
Office Work T. H. BURNS	Surveyed by G. PORTER	
Checked	Notes PORTER Date 10-14-60	
Date	Indexed H. E. OTT	

Cont from Top Page 20



Cont Top Page 22

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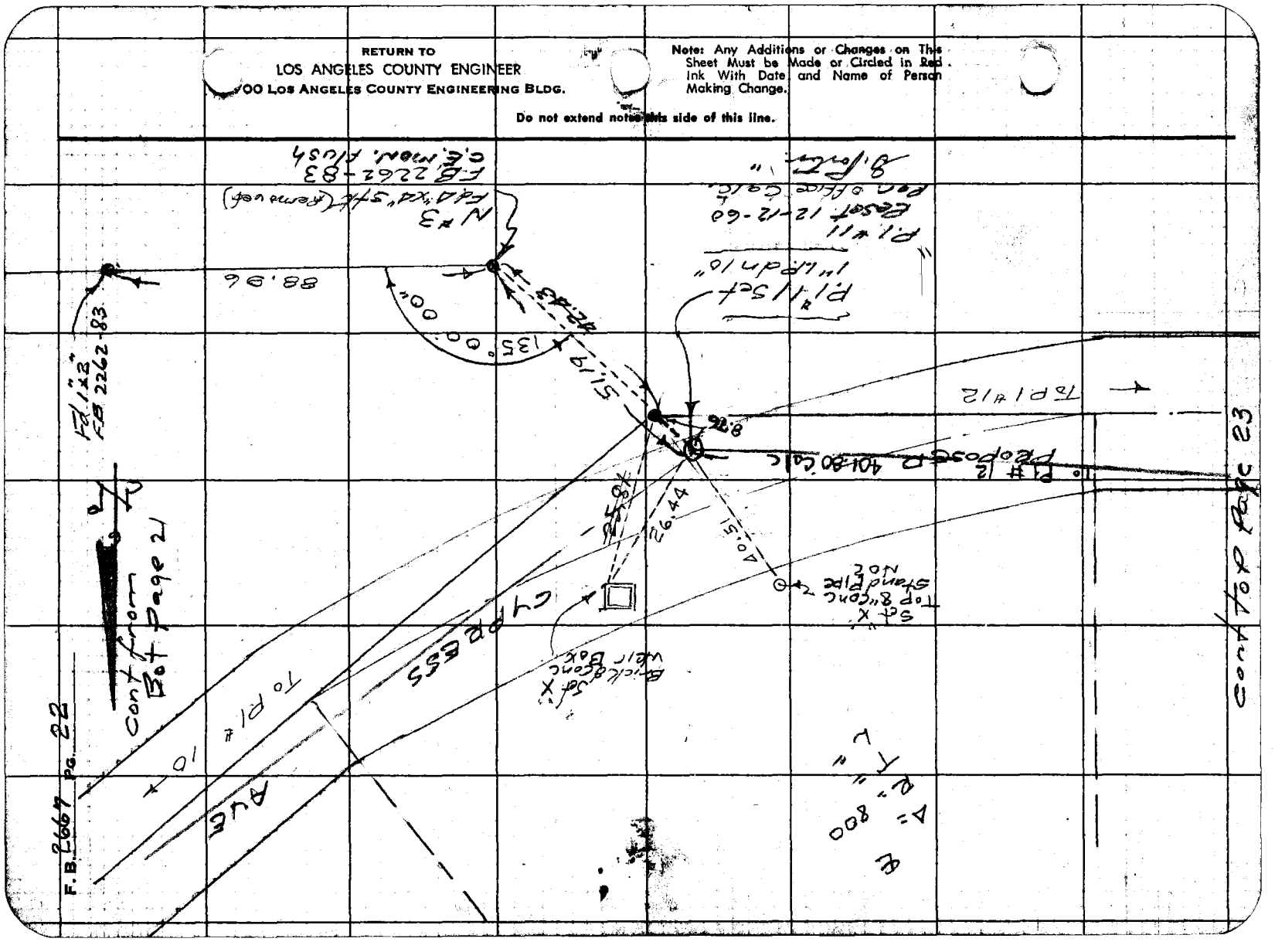
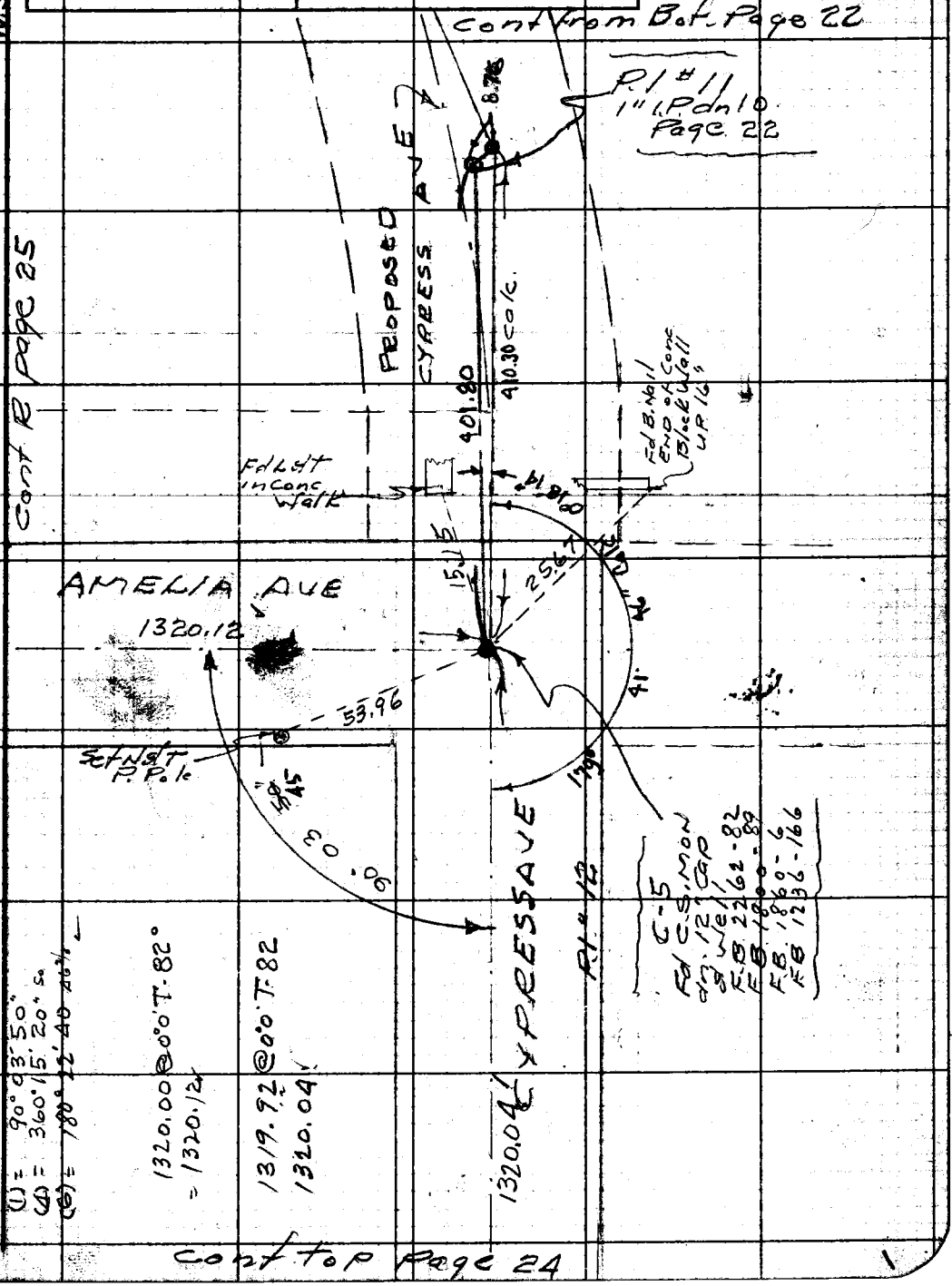


Notes Ck'd by W. J. BRENNER	Survey of CYPRESS AVE
Map No.	JN 0074.44 Tape 0174 Std 68 °F
Office Work T. H. BURNS	Surveyed by G. PORTER
Checked	Notes PORTER Date 10-17-60
Date	Indexed

F. B. 2667 PG. 23

W.S.48, C-4



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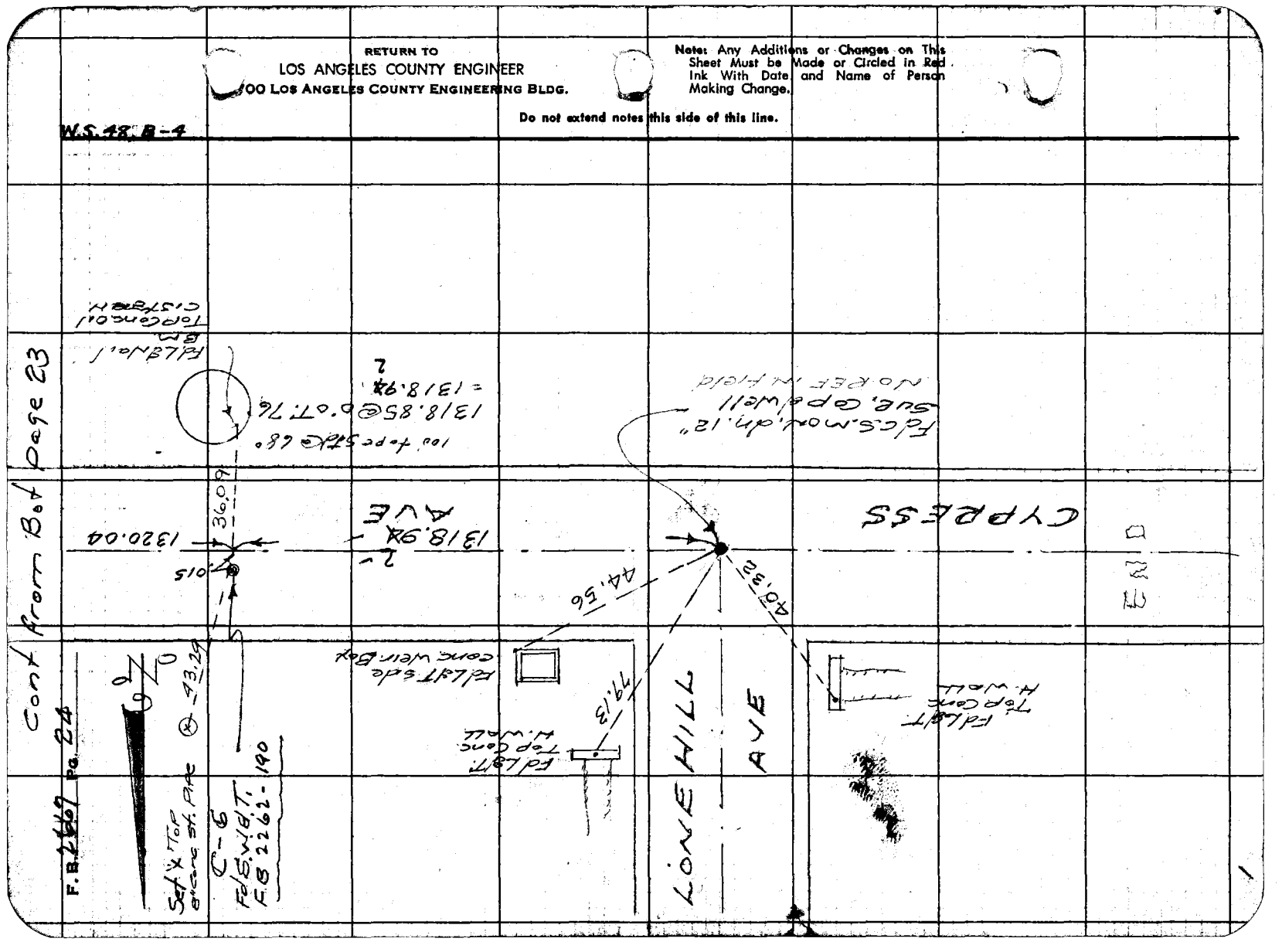
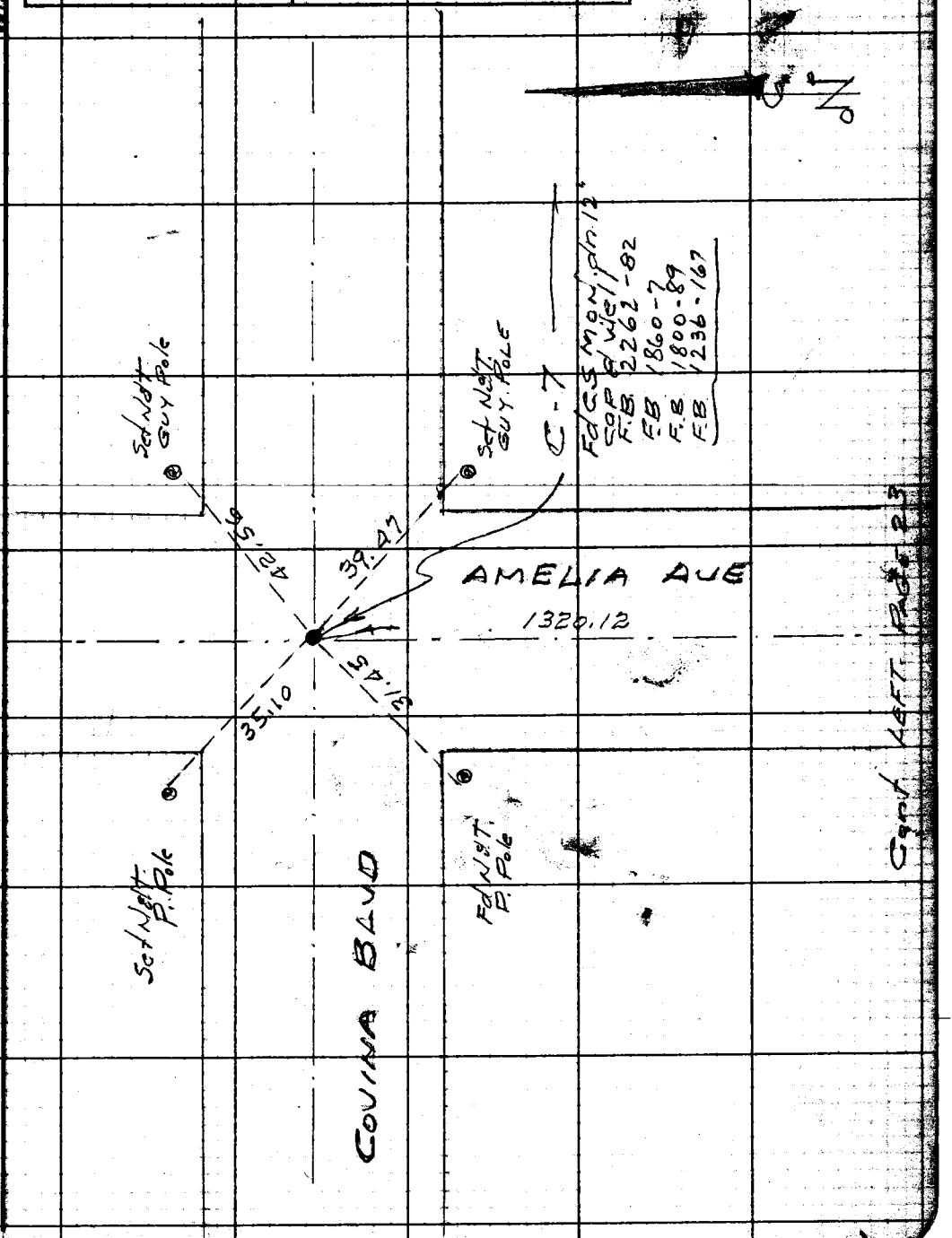
W.S. 48 B-4



Notes Ck'd by W. J. BRENNER	Survey of CYPRESS AVE	F. B. 2667 PG. 25
Map No.	JN 0074.44 Tape 0174 Std 6	
Office Work T. H. BURNS	Surveyed by G. PORTER	
Checked	Notes PORTER Date 10-1-60	
Date	Indexed H. E. OTT	

W.S. 45, 8-4



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763098 CE #247—7-53

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F.B. 2667 PG. 26

Notes Ck'd by W. J. BRENNER
Map No.
Office Work T. H. BURNS
Checked
Date

Survey of CYPRESS AVE
JN 0074.44 Tape Std °F
Surveyed by G. Peeler
Notes Peeler Date 11-4-60
Indexed

F. B. 2667 Pg. 27

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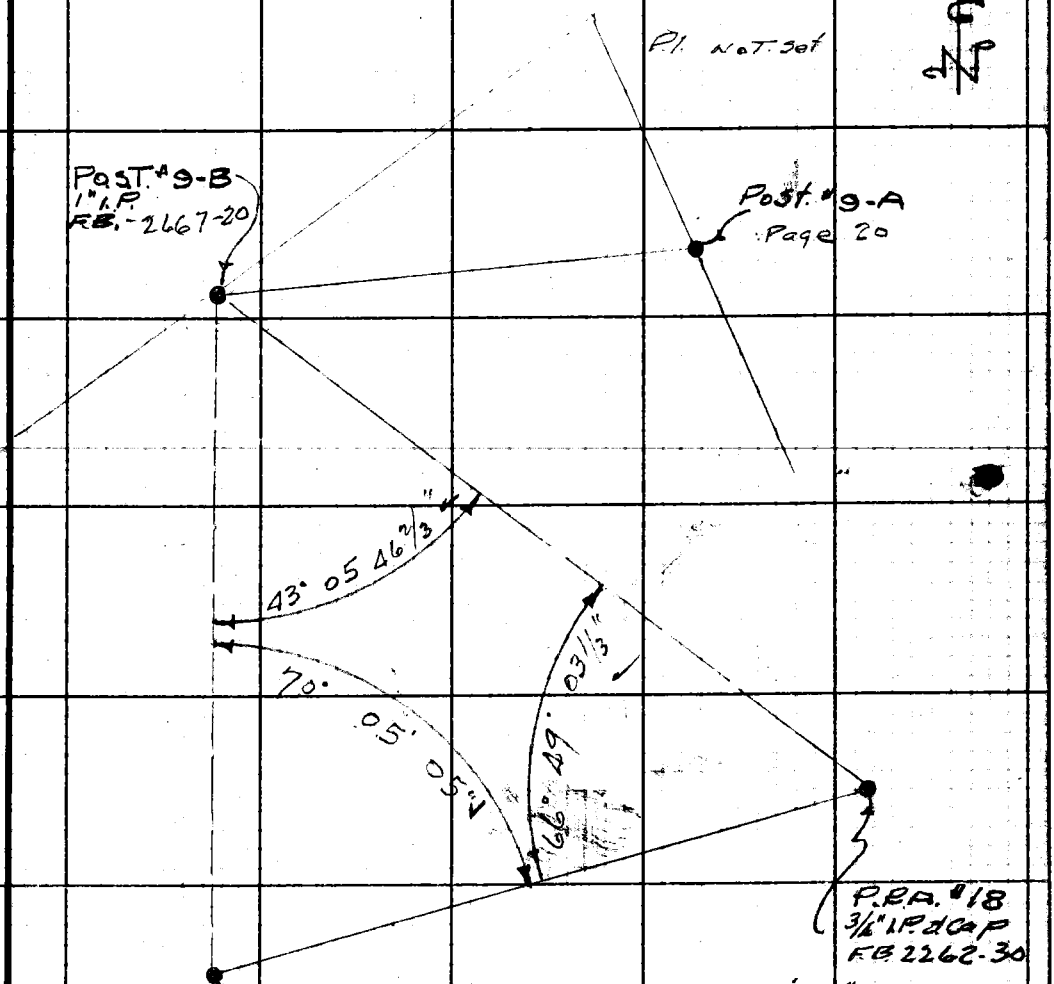
76F3098 SAE #247 11-58



(1) = 70° 05' 10"
(4) = 280° 20' 10" 02 1/2
(6) = 60° 30' 30" 05 ✓

(1) = 43° 05' 50"
(4) = 172° 23' 00" 46
(6) = 258° 34' 40" 46 1/3 ✓

(1) = 66° 49' 00"
(4) = 267° 16' 10" 02 1/2
(6) = 40° 54' 20" 03 1/3 ✓

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Do not extend this side of this line.

F. B. 2667 PG 28

Notes Ck'd by Miller	Survey of CYPRESS AVE
Map No.	JN 00744 Tape 115 Std °F
Office Work T. H. BURNS	Surveyed by GPORTER
Checked	Notes PORTER Date 12-7-60
Date	Indexed H. E OTT DEC 16 60

F. B. 2667 PG. 29

C.E. MON.S
Set on Cor.s of
LOT 19 TR.# 1796

Per. Calc. Sheet

Ref = Transit Line N-3 to N 15
F.B. 2262 - 81 - 88

G. Porter & Party
DEC. 1960.

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
700 Los Angeles County Engineering Bldg.
Do not detach this side of this line.

76F3095 SEE #247 11-58

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

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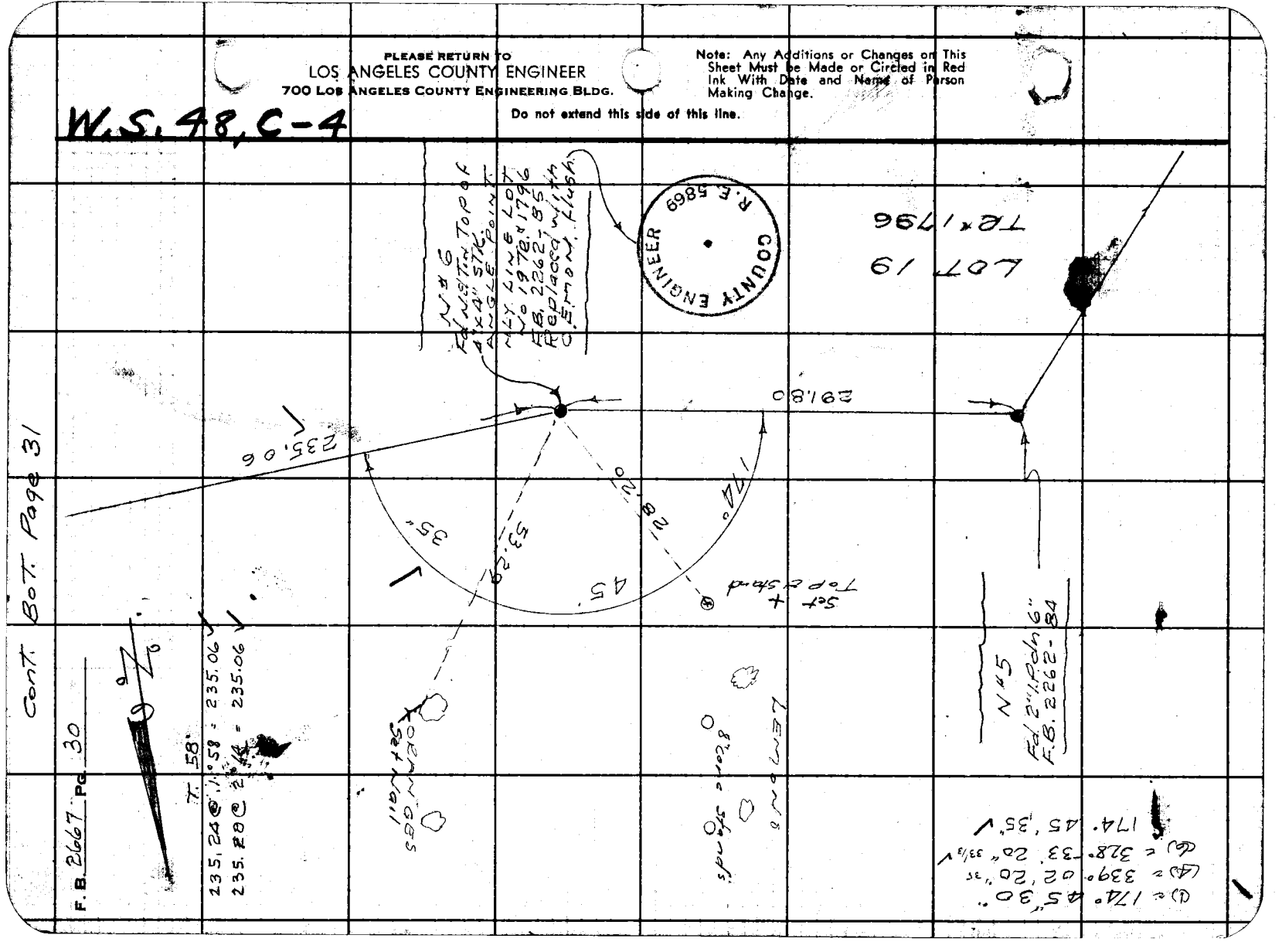
Do not extend this side of this line.

W.S. 48, C-4

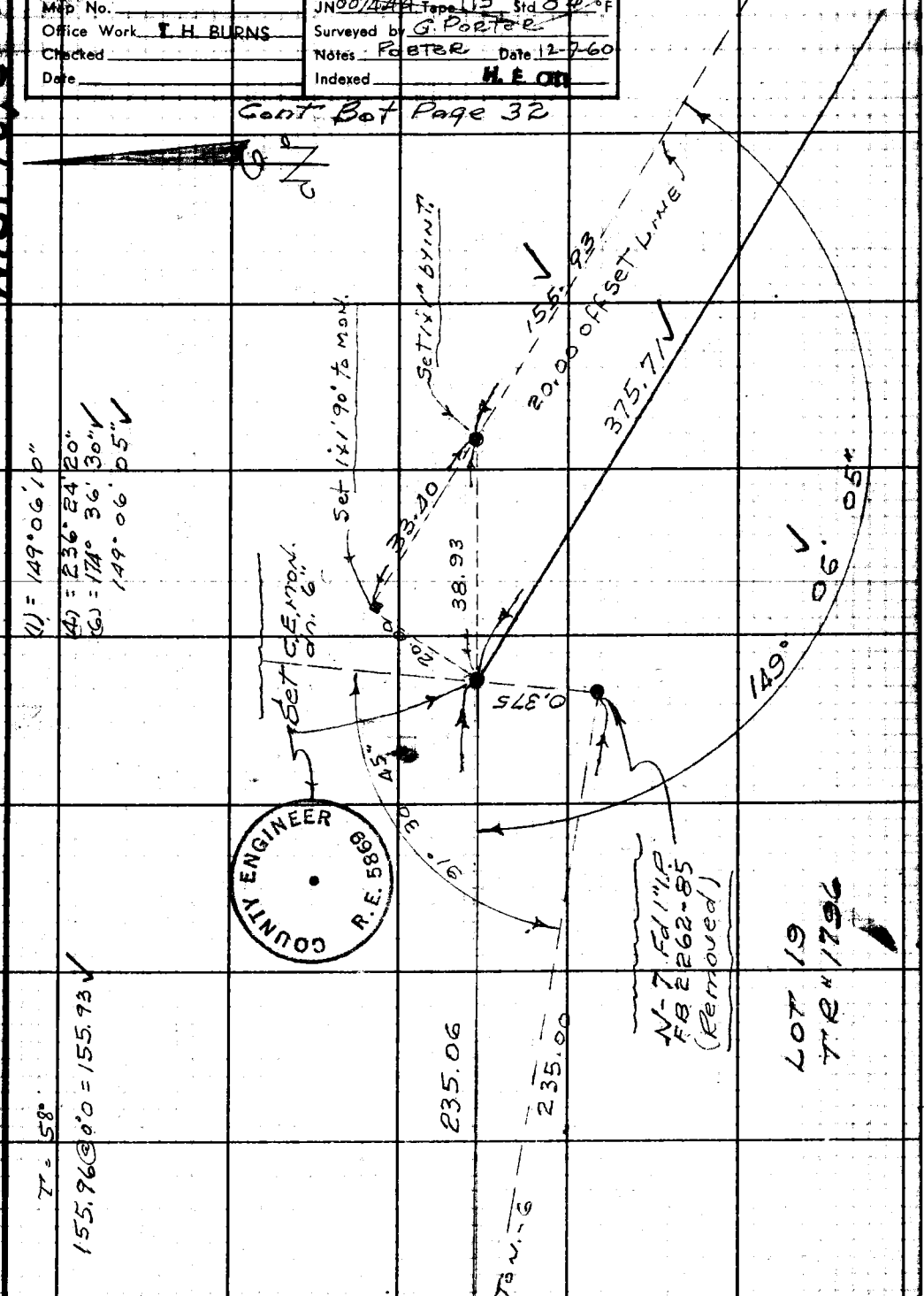


Name Ck'd by Miller	Survey of CYPRESS AVE
Map No.	JN 007444 Tape 115 Std 84 °F
Office Work T. H. BURNS	Surveyed by G. Porter
Checked	Notes PORTER Date 12-7-60
Date	Indexed H. E. Ott

F. B. 2667 PG. 31

W.S. 48, C-4

Cont Bot Page 32



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 S&E #247 11-58

Cont from Top Page 30

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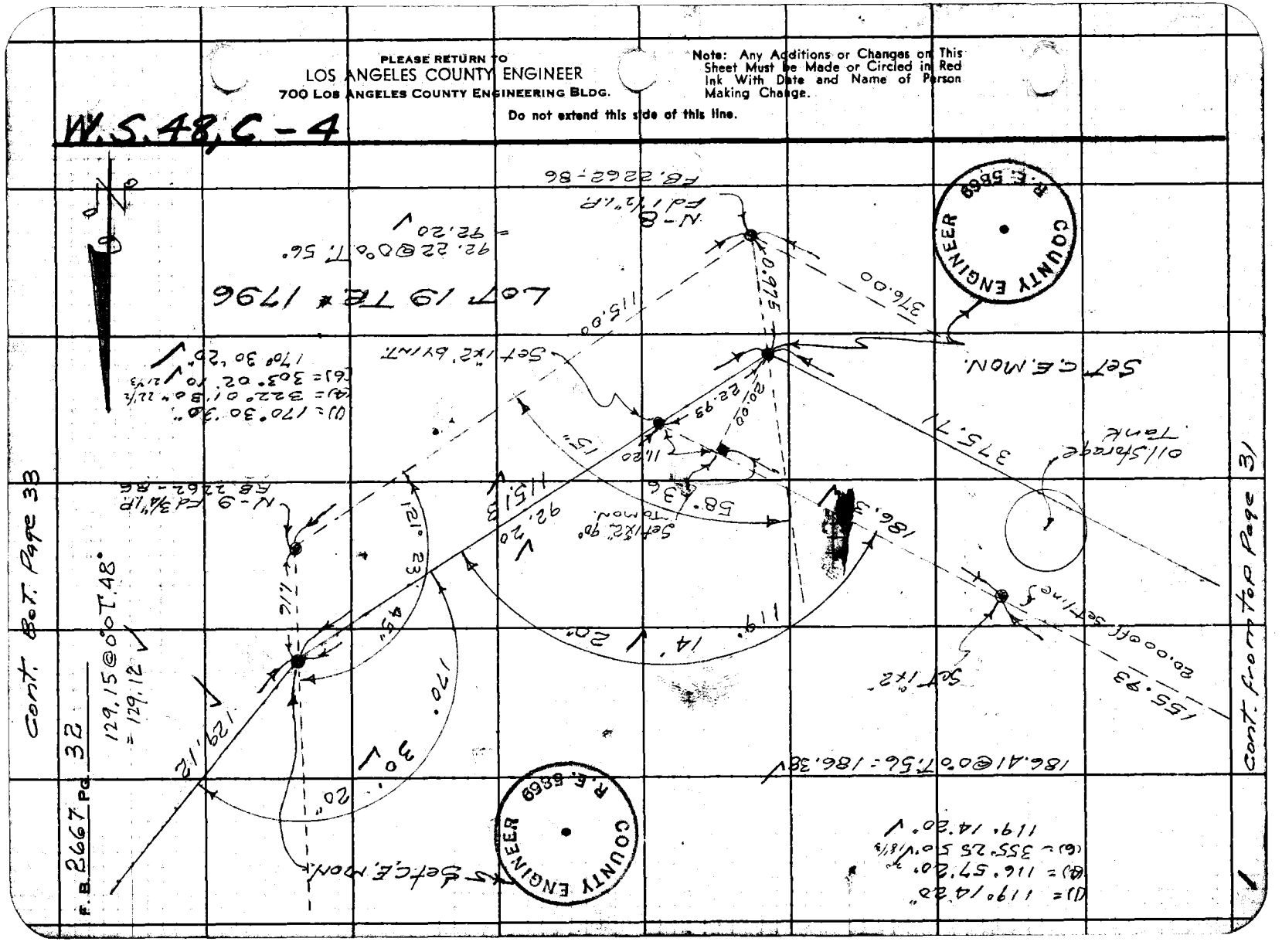
W.S. 48, C-4



Notes Ck'd by Miller	Survey of CYPRESS AVE
Map No.	JN 00744A Tape 115 Std 84 °F
Office Work T. H. BURNS	Surveyed by G. PORTER
Checked	Notes PORTER Date 12-7-60
Date	Indexed H. E. OTT

F. B. 2667 Pg. 33

W.S. 48, C-4

(1) = 103° 55' 40"
(4) = 55° 42' 50" 42½
(6) = 263° 34' 40" 46⅔
103° 55' 45"

T. 68°
196.33 @ 16°42 = 188.03
196.78 @ 17°08 = 188.03
25.69 @ 0°0 = 25.69

COUNTY ENGINEER R. E. 5869

Set C.E. MON. dn. 4"

538.08

3.00

3.10

.75

1.52

45"

18°

165°

103°

55

N-11
Fd 3/4" I.P.
F.B. 2262-87

Lot 19 TR # 1796

100.17 @ 0°0 T. 48° = 100.15

237.81 @ 18°45 T. 62° = 225.16
237.27 @ 18°21 T. 62° = 225.17
83.78 @ 19°24 T. 66° = 79.01
83.43 @ 18°45 T. 66° = 78.99
20.19 @ 0°0 = 20.19

225.17
79.00
20.19
188.03
25.69
538.08

100.15

100.00

(1) = 145° 38' 10"
(4) = 222° 32' 20" 05
(6) = 153° 48' 30" 05
145° 38' 05"

14° 41' 15"

05"

38

145

129.12

Set C.E. MON. dn. 6"

1.36

N-10
Fd 2" I.P.
F.B. 2262-87

COUNTY ENGINEER R. E. 5869

Cont. Top Page 34

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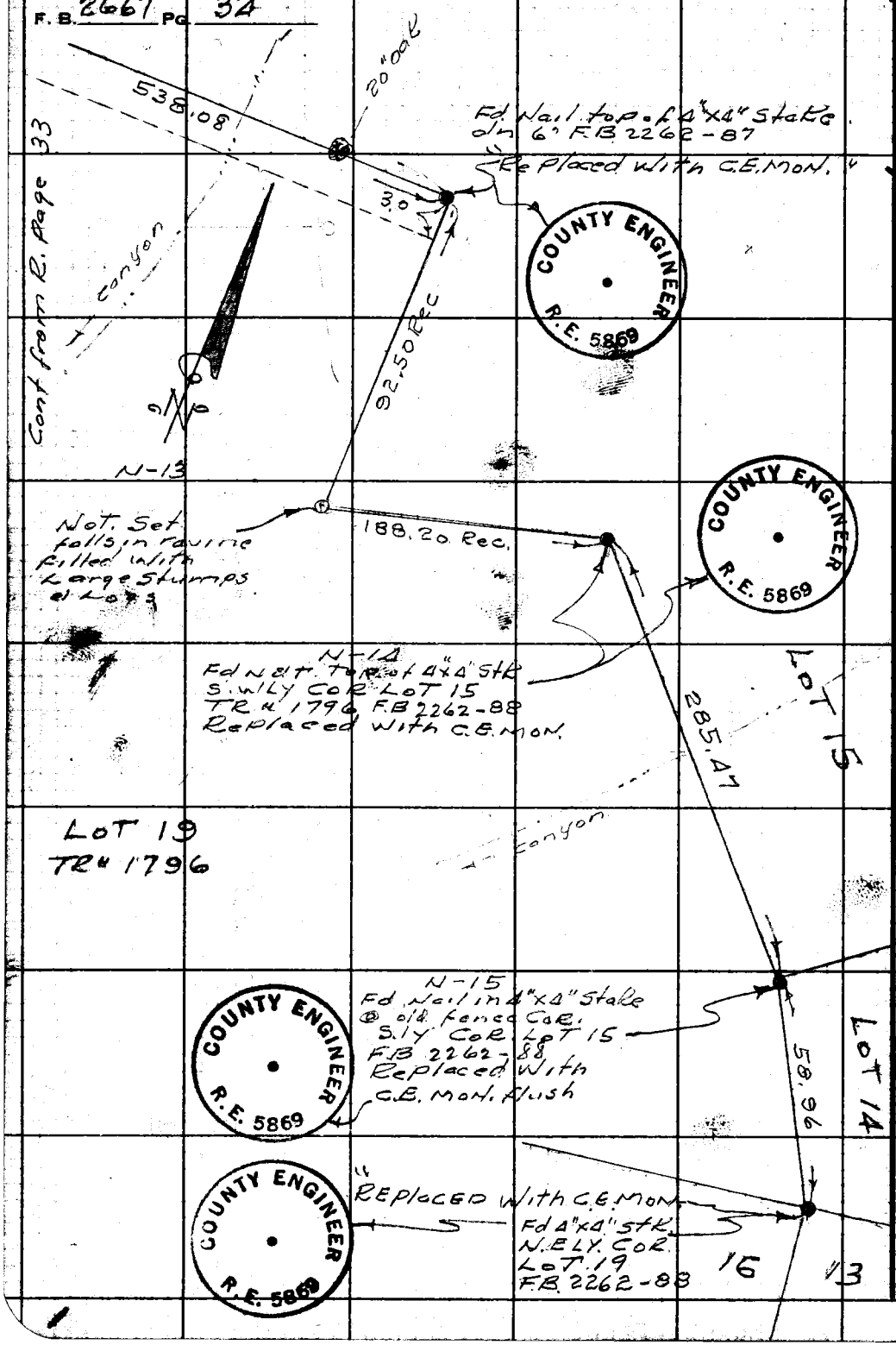
76F3098 S&E #247 11-58

Cont. From Top Page 32

F. B. 2667 PG. 34

W.S. 48, C-4



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Notes Ck'd by	Survey of CYPRESS AVE
Map No.	JN 007444 Tape 115 Std 84 °F
Office Work T. H. BURNS	Surveyed by G. PORTER
Checked	Notes PORTER Date 12-60
Date	Indexed H. E. OTT

F. B. 2667 PG. 35

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PLEASE RETURN TO
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700 Los Angeles County Engineering Bldg.

C.E. MON.S SET
FOR COR.S OF LOT 9
TR.T 1796

Ref FB 2262
Pages 101-111-112
183-202-203

G. Porter & Party
12-1960

76F3098 SEE #247 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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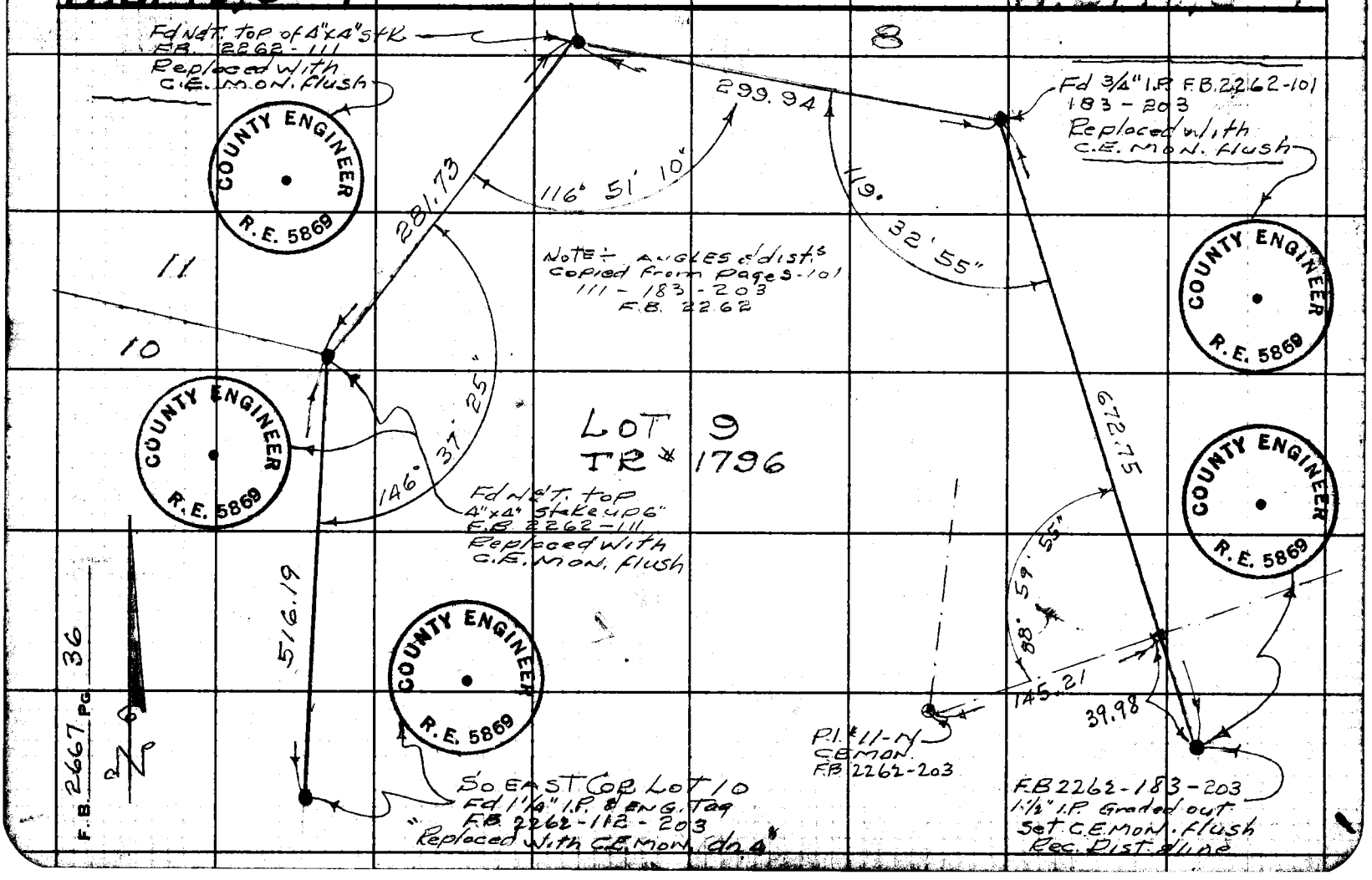
W.S. 48, C-4



PUDDINGSTONE DR

Notes Ck'd by	Survey of State & Co Rec Area
Map No.	JN 0054.99 Tape 226 Std 84 °F
Office Work	Surveyed by Guizado AC
Checked	Notes ACG Date 4/70
Date	Indexed C. J. GALLI NOV 27 70

F.B. 2667 Pg. 37

JOB NO 0054.99

PUDDINGSTONE RESV.
STATE & COUNTY REC AREA
RECOVERY OF ℄ PI's
ON
PUDDINGSTONE DRIVE
BETWEEN
SAN DIMAS AVE &
PI 6 WEST OF "E" ST.

FB 1836
FB 2262
FB 2667

INST
WILD TIME
300' TAPE #226

HWY DEDICATION
MAP H:43-5,6

NOTE 4/30/70 ACG
TAPE #226 found TO
BE SHORT PER foot
0.000133; adjusted
Distances ACCORDINGLY

4/21 to 4/30 1970
GUIZADO
MASSEY
GOBLE
WEST
HENDERSON

(N) = NUMBER
SHOWN ON
CSB 3082

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.

76P3098 CK #310 8-66

F.B. 2667 Pg. 38

INDEX

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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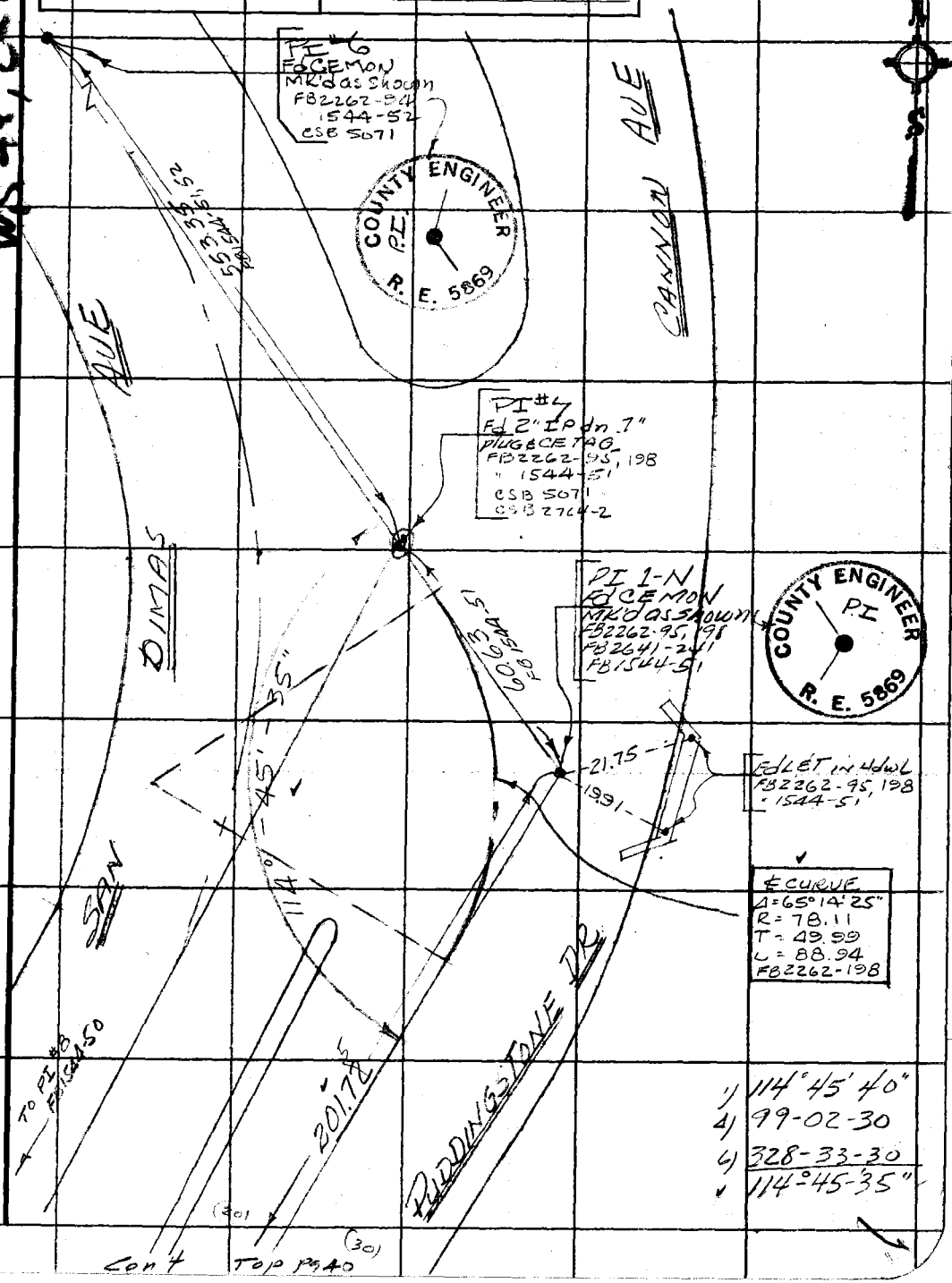
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change

Puddingstone Res

Notes Ck'd by D. SAPPELL	Survey of State & Co Rec Area
Map No. B-3082	JN 0054 97 Tape 226 Std 84 °F
Office Work M. HAMASU	Surveyed by Guizado
Checked D. SAPPELL	Notes ACG Date 4/20/70
Date MAY 21 '74	Indexed C. J. GALLI MAY 27 '70

F. B. 2667 PG. 39

WS 49, C-4



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

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

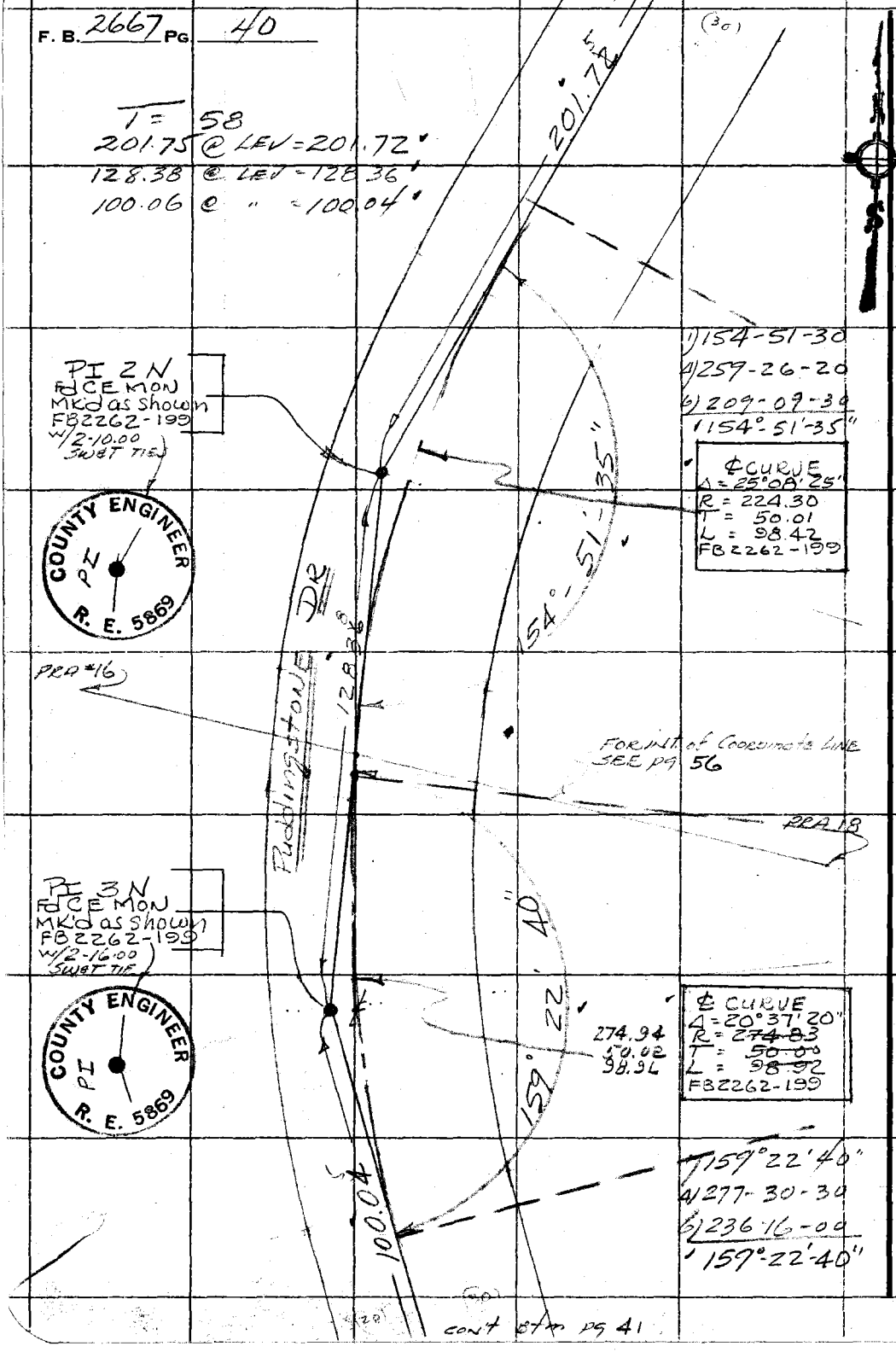
76F309S CE#310 3-68

2

From (20) Btm Pg 39

F. B. 2667 PG. 40

T = 58
201.75 @ LEV = 201.72'
128.38 @ LEV = 128.36'
100.06 @ " = 100.04'



cont Btm pg 41

MS48 C-4

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DEPARTMENT OF COUNTY ENGINEER
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.

PUDDINGSTONE DR

Notes Ck'd by D. SAPPELL	Survey of State & Co REC AREA
Map No. B° 3082	JN 005499 Tape 226 Std 84 °F
Office Work M. HAMASU	Surveyed by GUIZADO
Checked D. SAPPELL	Notes ACG Date 4/21/70
Date MAY 21 '74	Indexed C. J. GALLI MAY 27 '70

F. B. 2667 PG. 41

W.S. 48, C-4

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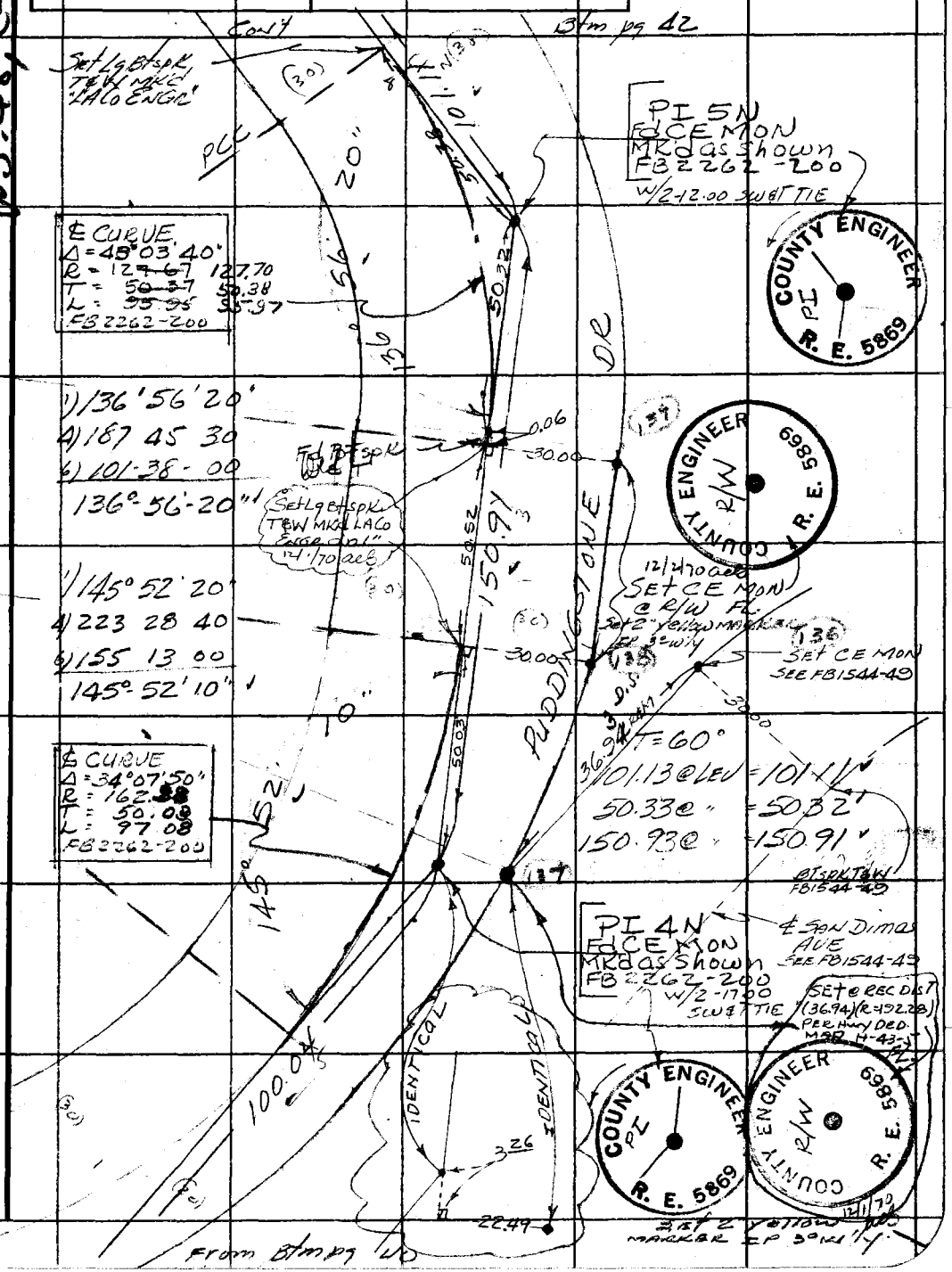
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

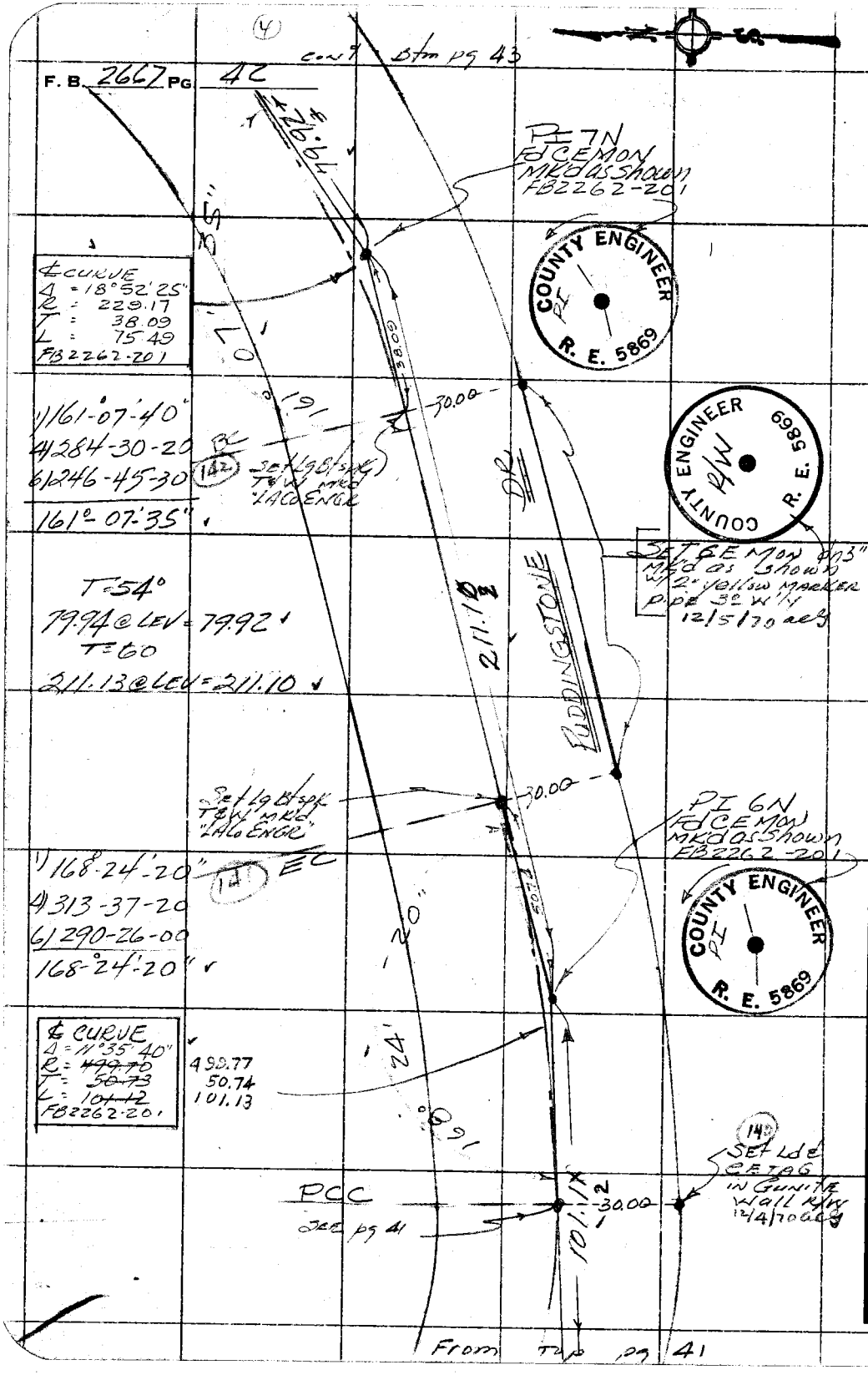


76F309S CE#310 3-68

F. B. 2667 PG 42

(4)

cont Btm pg 43



WS 48 C-4

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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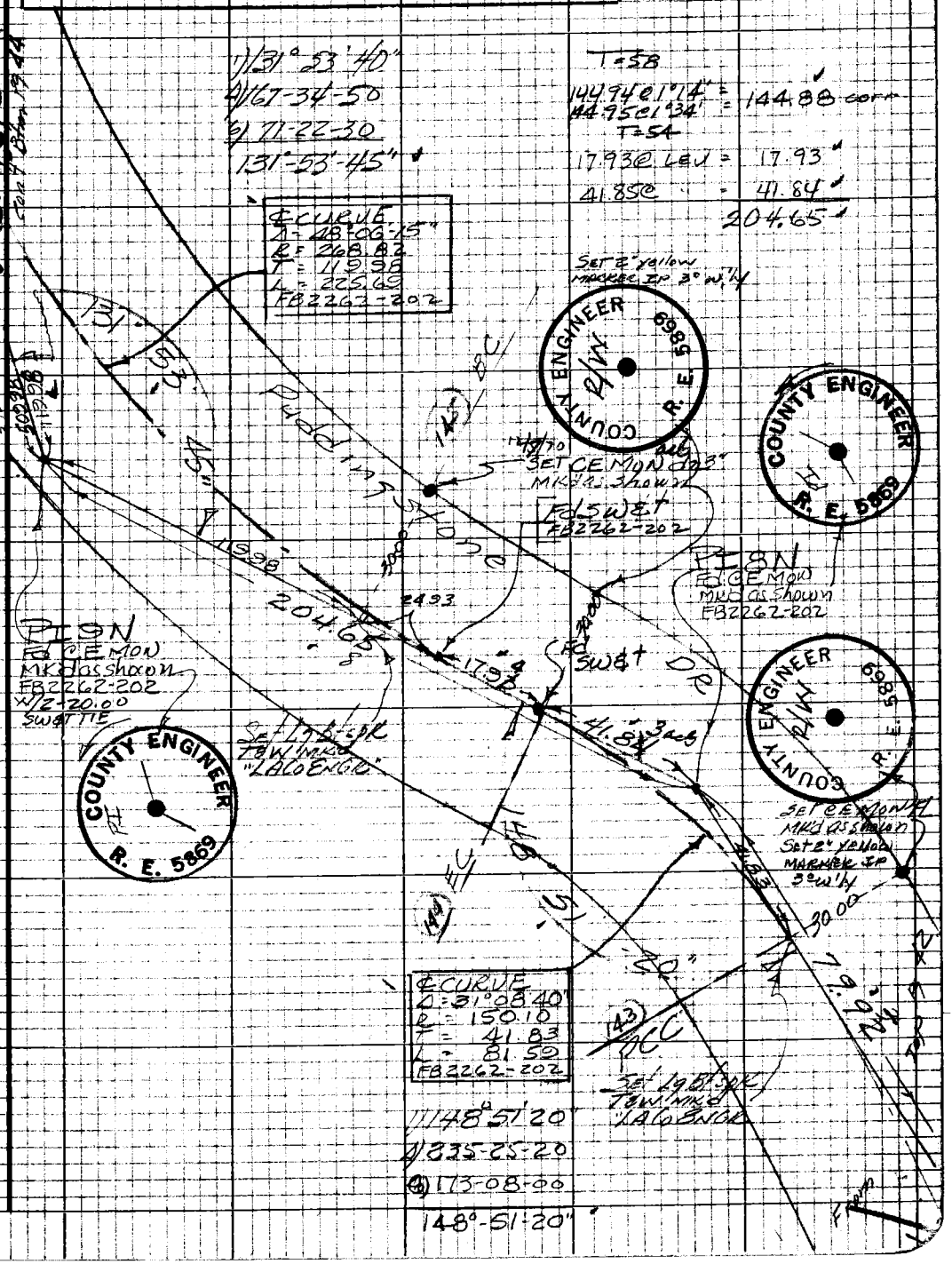
PUDDINGSTONE RESV

Notes Ck'd by D. SAPPELL	Survey of STATE & CO REC AREA	F.B. 2667	Pg. 43
Map No. B-3082	JN0054-39 Tape 226 Std 84 °F		
Office Work M. HAMASU	Surveyed by GUIZADO		
Checked D. SAPPELL	Notes ACG Date 4/22/70		
Date MAY 21 '74	Indexed C. J. GALLI MAY 27 '70		



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.

76P3098 CE #310 5-66

F.B. 2667 Pg. 44

T=56°

205.93 @ 5°04'
205.85 @ 4°49' = 205.08 corr

112.50 @ Lev = 112.48 corr

T=50°

225.36 @ 5°47'
225.41 @ 5°55' = 224.16 corr

541.72

PI 10 To 9

T = 58°

205.91 @ 4°29'
245.85 @ 4°17" = 205.25

T = 56°

184.78 @ Lev. = 184.75

120.00 @ Lev. = 119.98

509.98

1548 C 4

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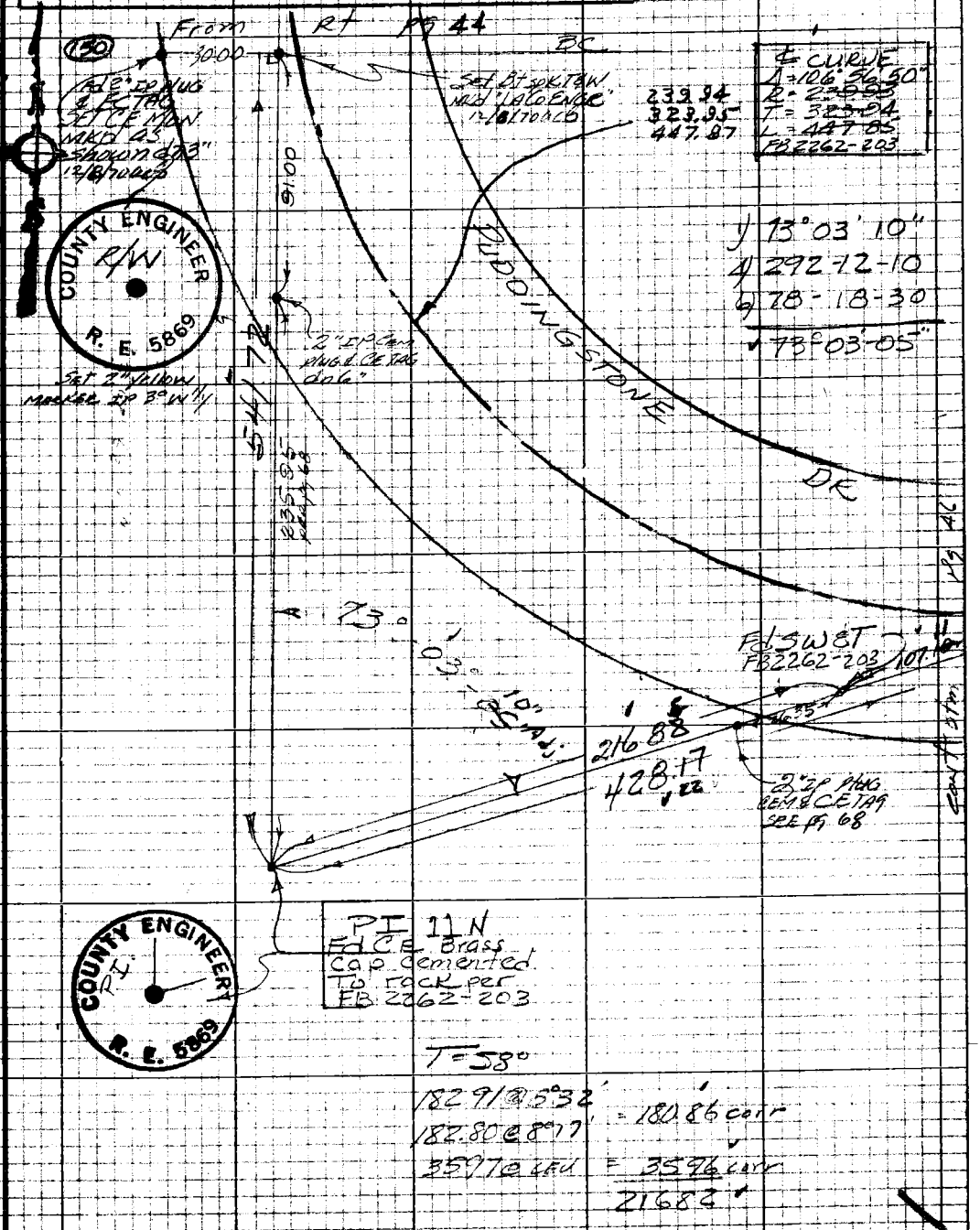
7

PUDDINGSTONE RESV

Notes Ck'd by D. SAPPELL	Survey of STATE & CO BEC AREA	F.B. 2667	Pg. 45
Map No. B-3082	JN 0054.99 Tape 239 Std 84 °F		
Office Work M. HAMASU	Surveyed by GUIZADO		
Checked D. SAPPELL	Notes ACG Date 4/23/70		
Date MAY 21 '74	Indexed C. J. GALLI MAY 27 '70		



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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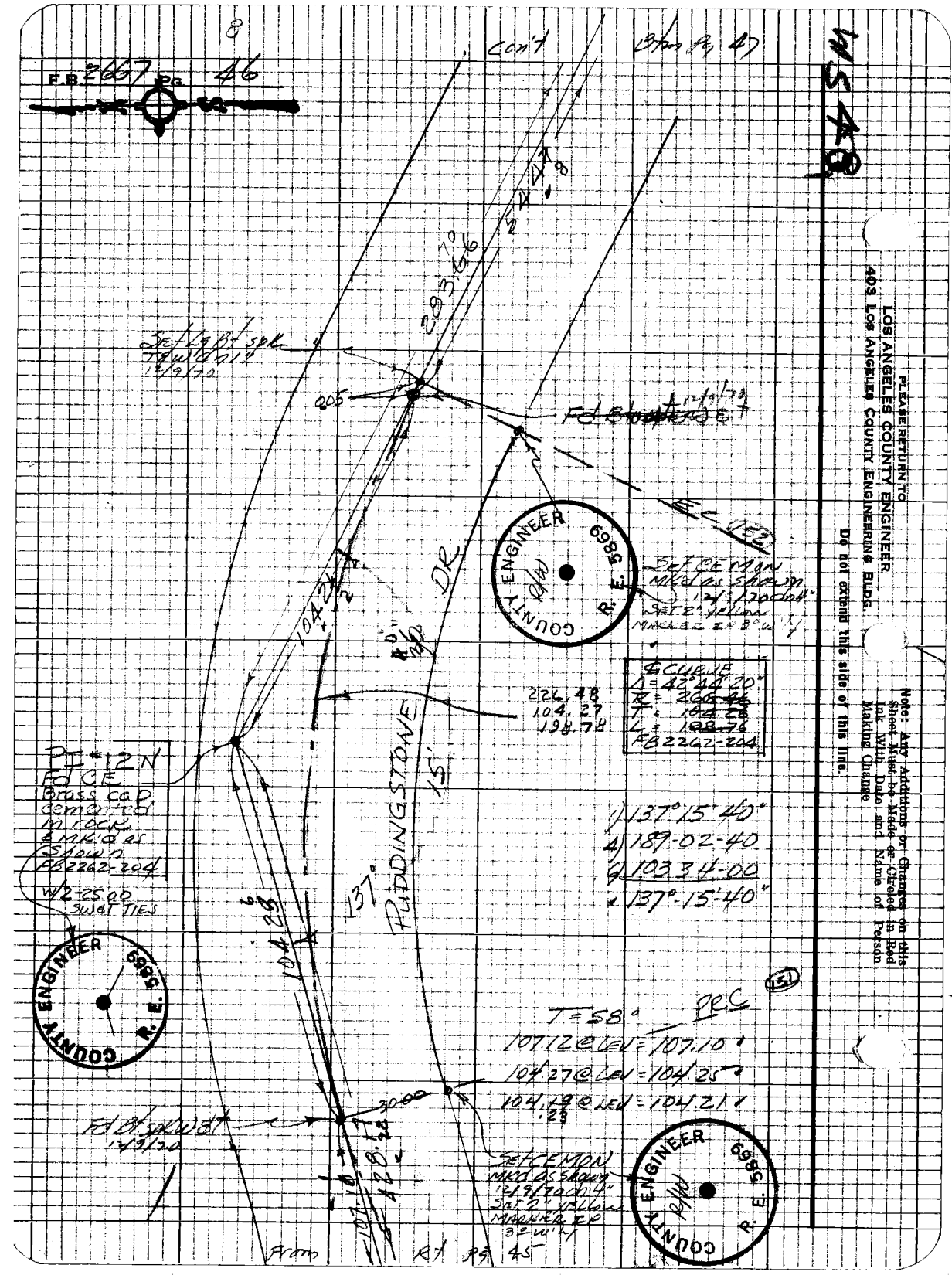
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66



8
F.B. 2667 PG. 46
Con't
Btm Pg 47
WS 48
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
Set Lg Bt spk
12/9/70
Fd Bt spk
12/9/70
Set CE MON
Mkd as shown
12/9/70 dn 4"
Set 2" yellow
Marker in 3" w/y
℄ CURVE
Δ = 42°44'20"
R = 266.46
T = 104.26
L = 198.76
FB 2262-204
226.48
104.27
198.78
PI #12N
Fd CE
Brass cap
cemented
in rock
& mk'd as
shown
FB 2262-204
W/2-25.00
SWGT TIES
PUDDINGSTONE DR
15'
137°
1) 137°15'40"
4) 189-02-40
6) 103 34-00
137°-15'-40"
T = 58°
PRC
107.12 @ LEV = 107.10
104.27 @ LEV = 104.25
104.19 @ LEV = 104.21
.23
Fd Bt spk W Bt
12/9/70
Set CE MON
Mkd as shown
12/9/70 dn 4"
Set 2" yellow
Marker in
3" w/y
COUNTY ENGINEER R.E. 5869
From Rt Pg 45

PUDDINGSTONE DR

Notes Ck'd by D. SAPPELL	Survey of State & Co Rec Area
Map No. B-3082	JN 005499 Tape 239 Std 24 °F
Office Work M. HAMASU	Surveyed by Guizano
Checked D. SAPPELL	Notes ACG Date 4/29/70
Date NOV 21 '74	Indexed C. L. GADD NOV 27 '70

F.B. 2667 Pg. 47

Cont Btm pg 48

2" IP dn 6" plug & CE tag pg 69

EC

30.00

SET CE MON MKD as shown dn 6" 12/10/70 WB

SET 2" IP YELLOW MARKER #3° W'ly

COUNTY ENGINEER R/W R.E. 5869

587.63

DR

℄ CURVE
Δ = 39-08-55
R = 351.54
T = 125.00
L = 240.20
FB 2262-204

95" Adj.

PUDDINGSTONE

1) 140°51'20"
4) 203-25-00
6) 125-07-30
140°-51'-15"

PI 13N
Fd CE MON dn 4" at Btm of Sm fill MKd as shown FB 2262-204

W/2-2500 SWET TIE

COUNTY ENGINEER P.I. R.E. 5869

124.98
125.00

T = 74°
12499 @ Lev = 124.98°
5447 @ Lev = 54.47

BC

283.66

2" IP W/CE tag dn 6" per pg 69

30.00

Fd 2" IP & FC TAG RESET W/CE MON MKD as shown dn 4" 12/10/70 WB

SET 2" YELLOW MARKER PIPE 3° W'ly

COUNTY ENGINEER R/W R.E. 5869

From Top Pg 46

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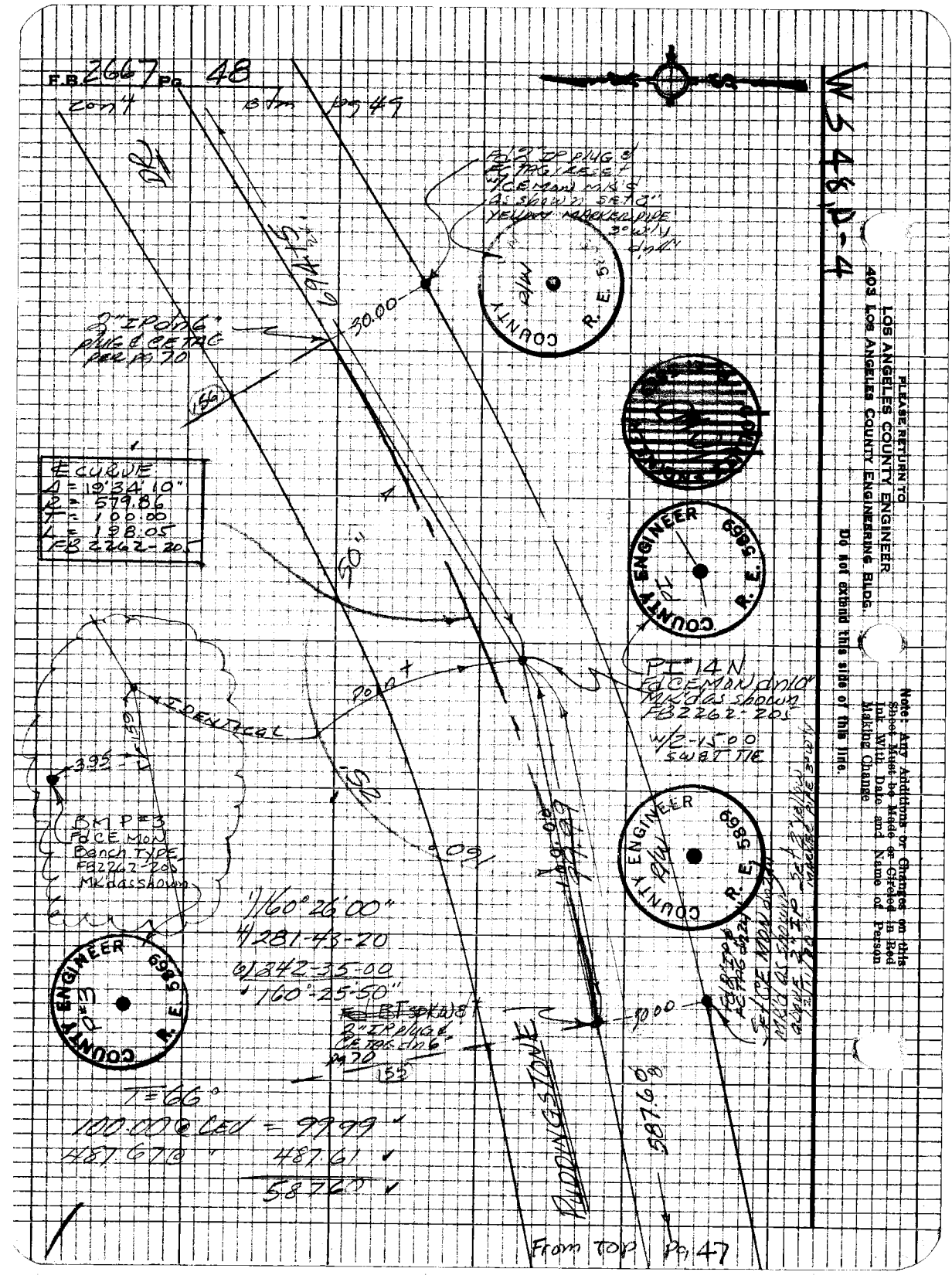
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3095 CK #310 5-66


F.B. 2667 Pg. 48
Zon't
Btm Pg 49
W 5 48 D-4
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
Fd 2" IP plug & FC TAG RESET w/ CE MON MK'd as shown SET 2" YELLOW MARKER PIPE 3" w/ 1 dn 4"
2" IP dn 6" plug & CE TAG per pg 70
30.00
156
℄ CURVE
Δ = 19°34'10"
R = 579.86
T = 100.00
L = 198.05
FB 2262-205
50"
PI 14N
Fd CE MON dn 10" MK'd as shown FB 2262-205
w/ 2-15.00 SWET TIE
IDENTICAL
395
BM P#3
Fd CE MON
Bench TYPE
FB 2262-205
MK'd as shown
160°26'00"
281-43-20
242-35-00
160°-25-50"
BT spk w/ 2" IP plug & CE TAG dn 6" pg 70
155
T = 66°
100.00 @ CEV = 99.99
487.67 @ " 487.61
587.60
PUDDINGSTONE
587.60
From Top Pg 47
COUNTY ENGINEER R.E. 5869
COUNTY ENGINEER R.E. 5869
COUNTY ENGINEER R.E. 5869
COUNTY ENGINEER R.E. 5869

PADDINGSTONE DR

Notes Ck'd by D. SAPPELL	Survey of STATE & Co. REC AREA
Map No. 8-3082	JN 006492 Tape 226 Std 84 °F
Office Work M. HAMASU	Surveyed by Guizado
Checked D. SAPPELL	Notes ACC Date 2/24/70
Date MAY 21 '74	Indexed C. J. GALLI MAY 27 '70

F.B. 2667 Pg. 49

WS 48 D-4

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.

7SF3098 CE#310 9-67

F.B. 2667 PG 50 con't 3 from pg 51

PLEASE RETURN TO
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408 LOS ANGELES COUNTY ENGINEERING BLDG.

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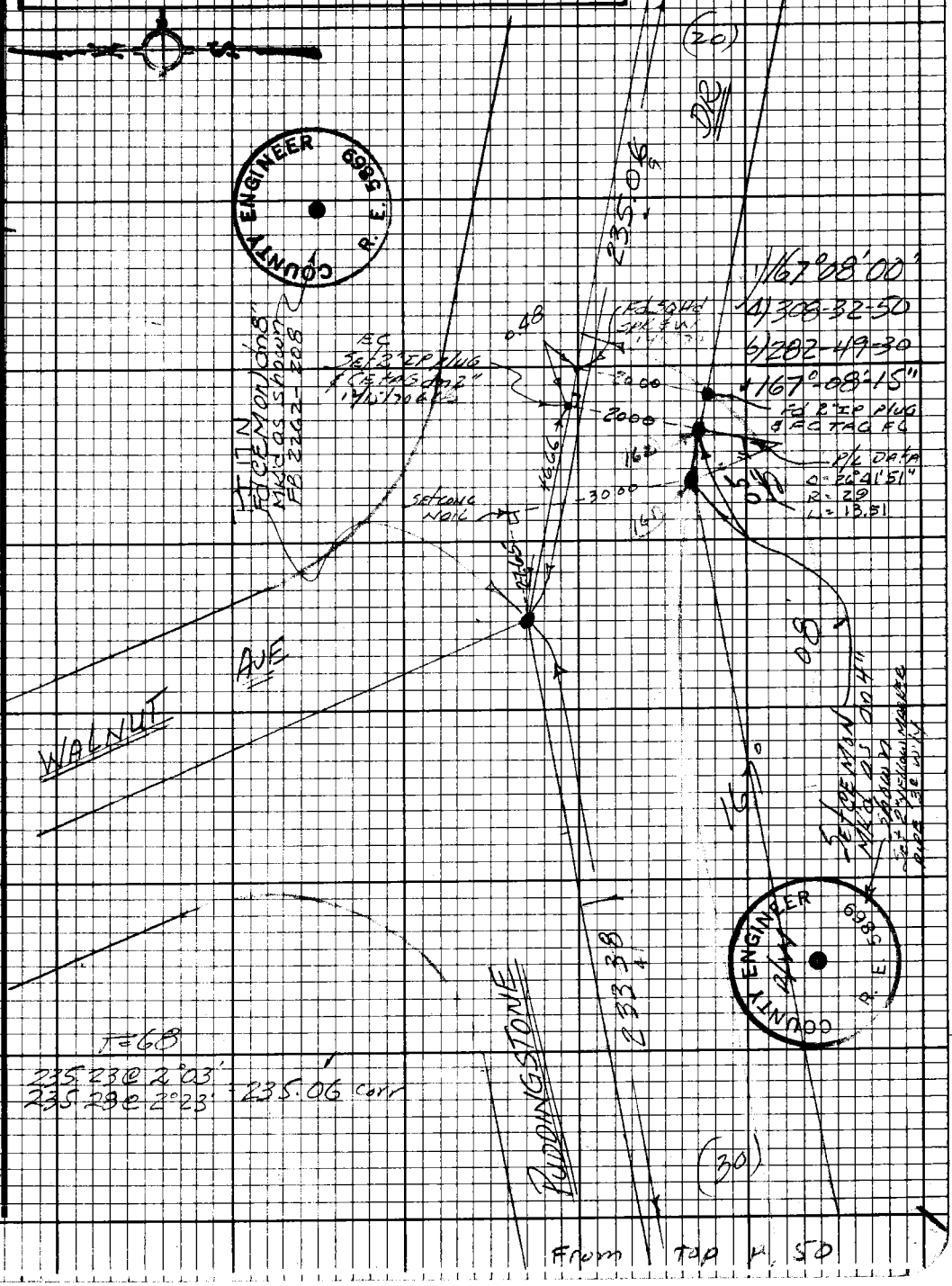
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PUDDINGSTONE DR

Notes Ck'd by D. SAPPELL	Survey of STATE & Co REC AREA
Map No. B. 3082	JN 0054.97 Tape 226 Std 84 °F
Office Work M. HAMASU	Surveyed by Guizado
Checked D. SAPPELL	Notes ACG Date 4/27/70
Date MAY 21 '74	Indexed C. J. GALLI MAY 27 '70

F.B. 2667 Pg. 51

Con't Btm Pg 52



From Top p. 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

WS 48, D-4

PLEASE RETURN TO
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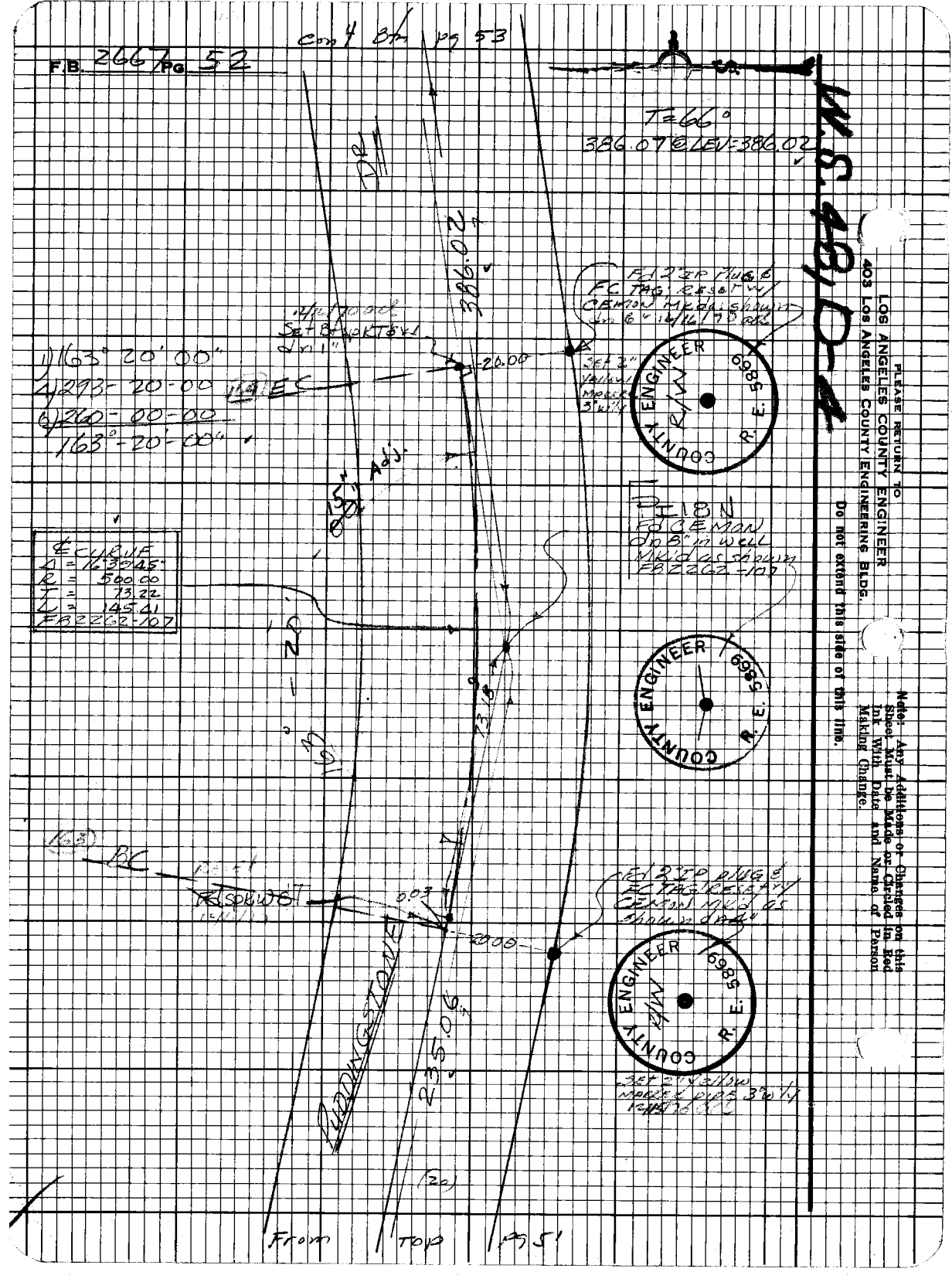
403 LOS ANGELES COUNTY ENGINEERING BLDG.

75F3098 CE# 310 9.67


F.B. 2667 PG 52
Con't Bm pg 53
T=66°
386.07 @ LEV=386.02
386.02
Fd 2" IP plug & FC tag reset w/ CEMON Mkd as shown dn 6" 16/16/90 ok
Set 2" yellow marker 3" w/ly
1) 163° 20' 00"
4) 293-20-00
6) 260-00-00
163°-20'-00"
EC
20.00
Adj.
PI 18 N
Fd CEMON dn 8" in well Mkd as shown FB2262-107
℄ CURVE
Δ = 16°39'45"
R = 500.00
T = 73.22
L = 145.41
FB2262-107
163°-20'
73.18
BC
Reset
Fd spk WST
0.03
20.00
Fd 2" IP plug & FC tag reset w/ CEMON Mkd as shown dn 4"
Set 2" yellow marker pipe 3" w/ly
PUDDINGSTONE
235.06
(20)
From Top pg 51
COUNTY ENGINEER R/W R.E. 5869
W.S. 48, D-4
PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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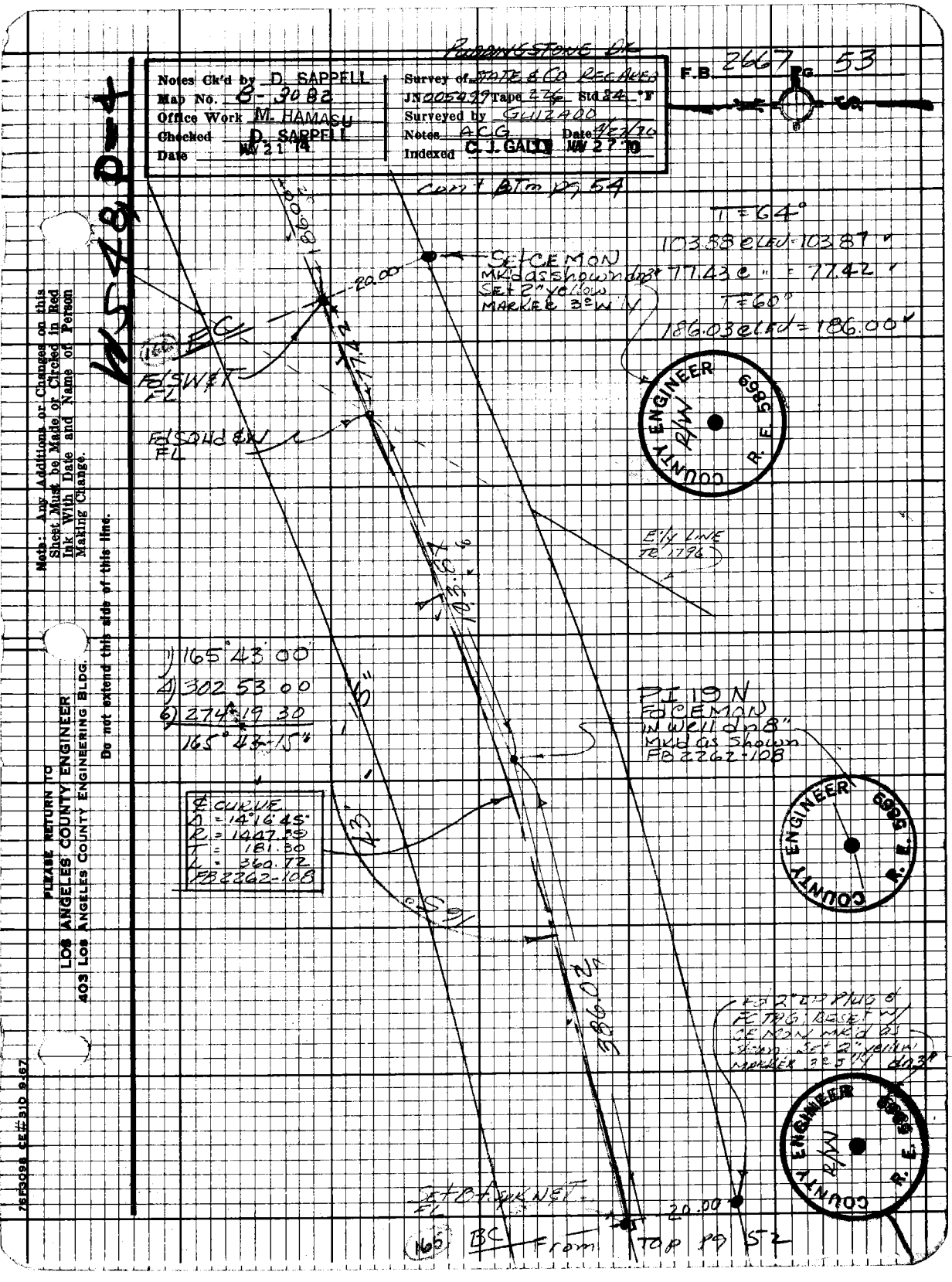

PUDDINGSTONE DR

Notes Ck'd by D. SAPPELL	Survey of STATE & CO RECAKES
Map No. 8-3082	JN 005499 Tape 276 Std 84 °F
Office Work M. HAMASU	Surveyed by GUIZADO
Checked D. SAPPELL	Notes ACG Date 4/27/70
Date MAY 21 '74	Indexed C. J. GALLI MAY 27 '70

F.B. 2667 PG. 53

W548 D-4

cont BTm pg 54

T = 64°
103.88 elev = 103.87
77.43 e " = 77.42
T = 60°
186.03 elev = 186.00

SET CEMON
MK'd as shown dn 3"
SET 2" yellow
MARKER 3" W/Y

186.00
20.00
77.42
EC
FdSW&T
FL
FdSQHd&W
FL

COUNTY ENGINEER R/W R. E. 5869

E'ly LINE
TR 1796

103.87

1) 165° 43' 00"
4) 302 53 00
6) 274 19 30
165° 43' 15"

PI 19 N
FdCEMON
in well dn 8"
MK'd as shown
FB 2262-108

℄ CURVE
Δ = 14° 16' 45"
R = 1447.39
T = 181.30
L = 360.72
FB 2262-108

43'
15"
165°
386.02

COUNTY ENGINEER R. E. 5869

Fd 2" DP Plug & FC TAG, BESET w/ CEMON MK'd as shown. Set 2" yellow MARKER 3" S/Y dn 3"

COUNTY ENGINEER R/W R. E. 5869

SET BT SPK NET
FL

20.00

165 BC From Top pg 52

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76F3098 CE#310 9-67

cont Btm pg 55

F.B. 2667 PG 54

PI 5 TO PI 6 (TAPE 300' #239)
1480.29 PER FB1836-11,12
1480.21 MEAS 4/23/70

T=60
T= − 0.08
297.43 @ 1°03'
297.45 @ 1°16' = 297.38 ✓
210.79 @ 2°06'
210.76 @ 1°53' = 210.65 ✓
507.95 ✓

1) 142° 17' - 40"
4) 209 - 11 - 20
6) 133 - 47 - 00
✓ 142° 17' - 50"

℄ CURVE
Δ = 37 42 00
R = 1975.81
T = 367.28
L = 707.87
FB2262-109

PI 20N = PI 5A
Fd 3/4" IP & CE TAG
DN 14" PER
FB 2262-109

N 4147851.23
E 4351411.28
PI #5 = C-25
Fd CS MON
dn 10"
MKd as shown
FB1836-11
FB2262-109

COUNTY SURVEYOR PI 5 RE 63

SET 8T SPK T&W
dn 1"
T=68
140.74 @ LEV = 140.74

FD SW&T

PUDDINGSTONE

SET CE MON
MKd as shown
SET 2" YELLOW
MARKER

COUNTY ENGINEER R/N R. E. 5869

From Top pg 53

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Puddingstone BSS

Notes Ck'd by D. SAPPELL	Survey of State Rec Area
Map No. B-3002	JN 005499 Tape 239 Std 44 °F
Office Work M. HAMASU	Surveyed by Guizado AC
Checked D. SAPPELL	Notes AC Date 4/23/70
Date MAY 21 '74	Indexed C.J. GALLT MAY 27 '70

F.B. 2667 Pg. 55

See FB 2667 pgs 227-230

WS48 D4

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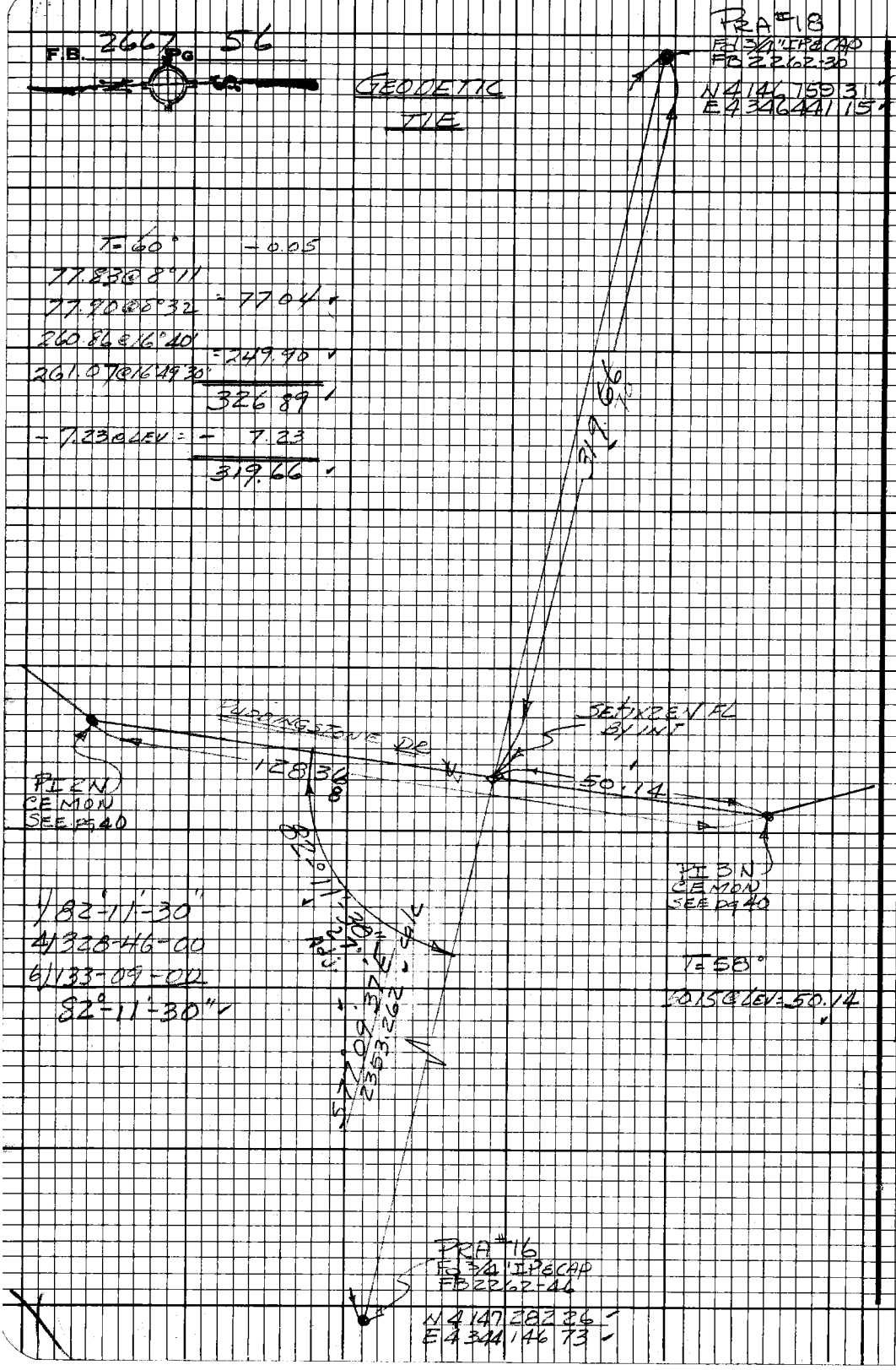
75F3C98 CE#310 9-67

F.B. 2667 PG 56

GEODETIC TIE



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Notes Ck'd by	Survey of Puddingstone Rec Area
Map No.	JN 8804.29 Tape Std °F
Office Work	Surveyed by Massey
Checked	Notes Massey Date 5-12-70
Date	Indexed C. J. GAELI MAY 22 '70

F. B. 2667 Pg. 57

JOB NO. 8804.29

PUDDINGSTONE RESV. CO. PARK

NORTH SHORE DEVELOPMENT

TEST HOLE STAKING

~~PER SURVEY DIVISION~~

MAP H 219

LETTER # 5569

MASSEY
GOBLE
WEST
HENDERSON

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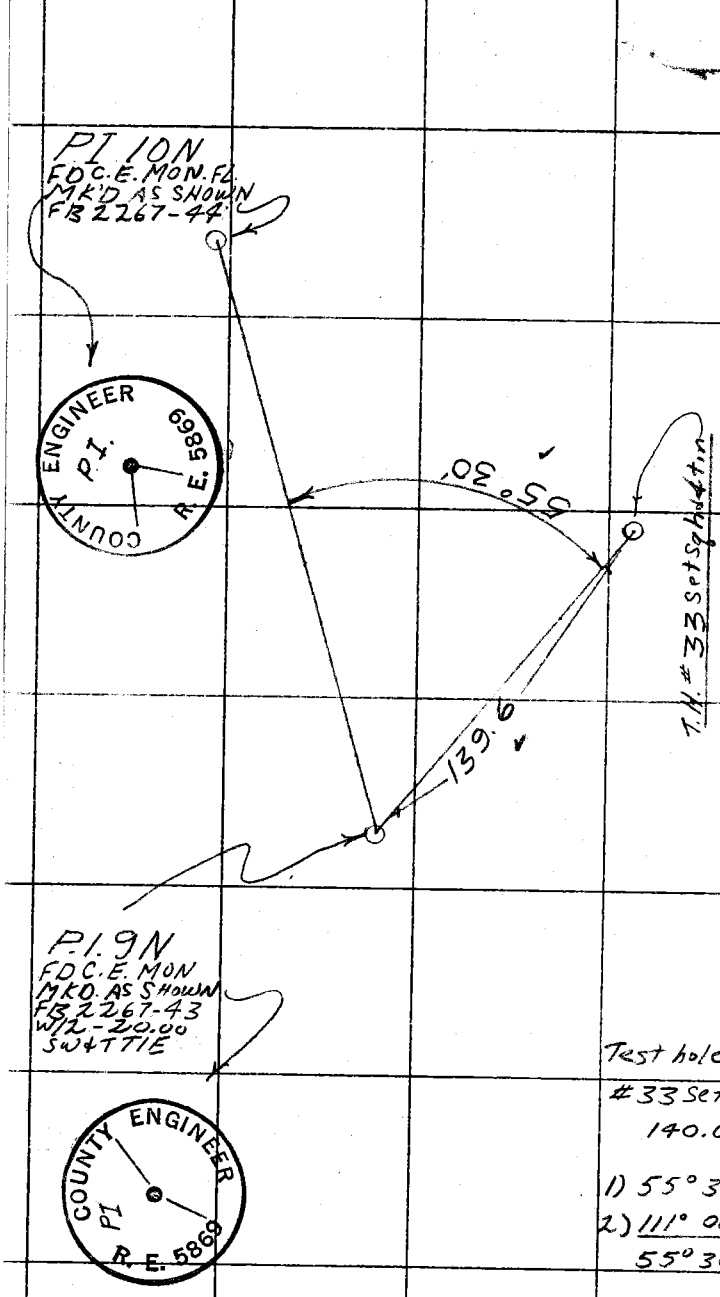
16F3095 CE#310 3-68

F. B. 2667 PG. 58



Test hole

#33 Set by stadia

140.0 @ 3° = 139.6

1) 55° 30'

2) 111° 00'

55° 30'

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

Survey of Puddingstone Rec. Area
JN 8804.29 Tape Std °F
Surveyed by MASSE / RGM
Notes Date 5/13/70
Indexed C. J. GAFLI MAY 22 '70

F. B. 2667 PG. 59

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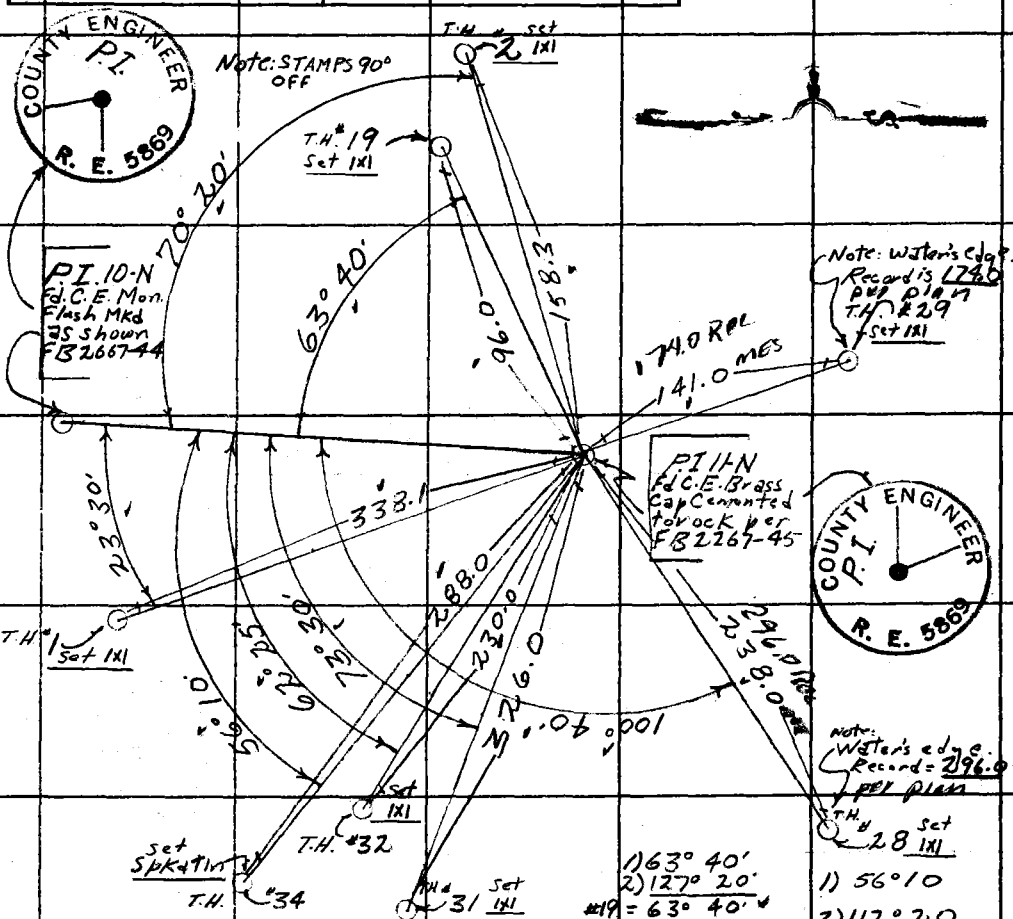

TEST HOLES SET

#19 by measurement 96.0
#2 by stadia 161.0 @ 7°30' = 158.3
#29 by measurement 141.0
#28 by stadia 238.0 @ 0 = 238.0
#31 by stadia 326.0 @ 0 = 326.0
#32 by measurement 230.0
#34 by measurement 288.0
#1 by stadia 339.0 @ 3° = 338.1

#19 = 63° 40'
1) 63° 40'
2) 127° 20'

#2 = 70° 20'
1) 70° 20'
2) 140° 40'

#29 = 155° 50'
1) 155° 50'
2) 311° 40'

#28 = 100° 40'
1) 100° 40'
2) 201° 20'

#31 = 73° 30'
1) 73° 30'
2) 145° 00

#32 = 62° 25'
1) 62° 25'
2) 124° 50'

#34 = 56° 10'
1) 56° 10'
2) 112° 20'

#1 = 23° 30'
1) 23° 30'
2) 47° 00

16F309S CE#310 3-69

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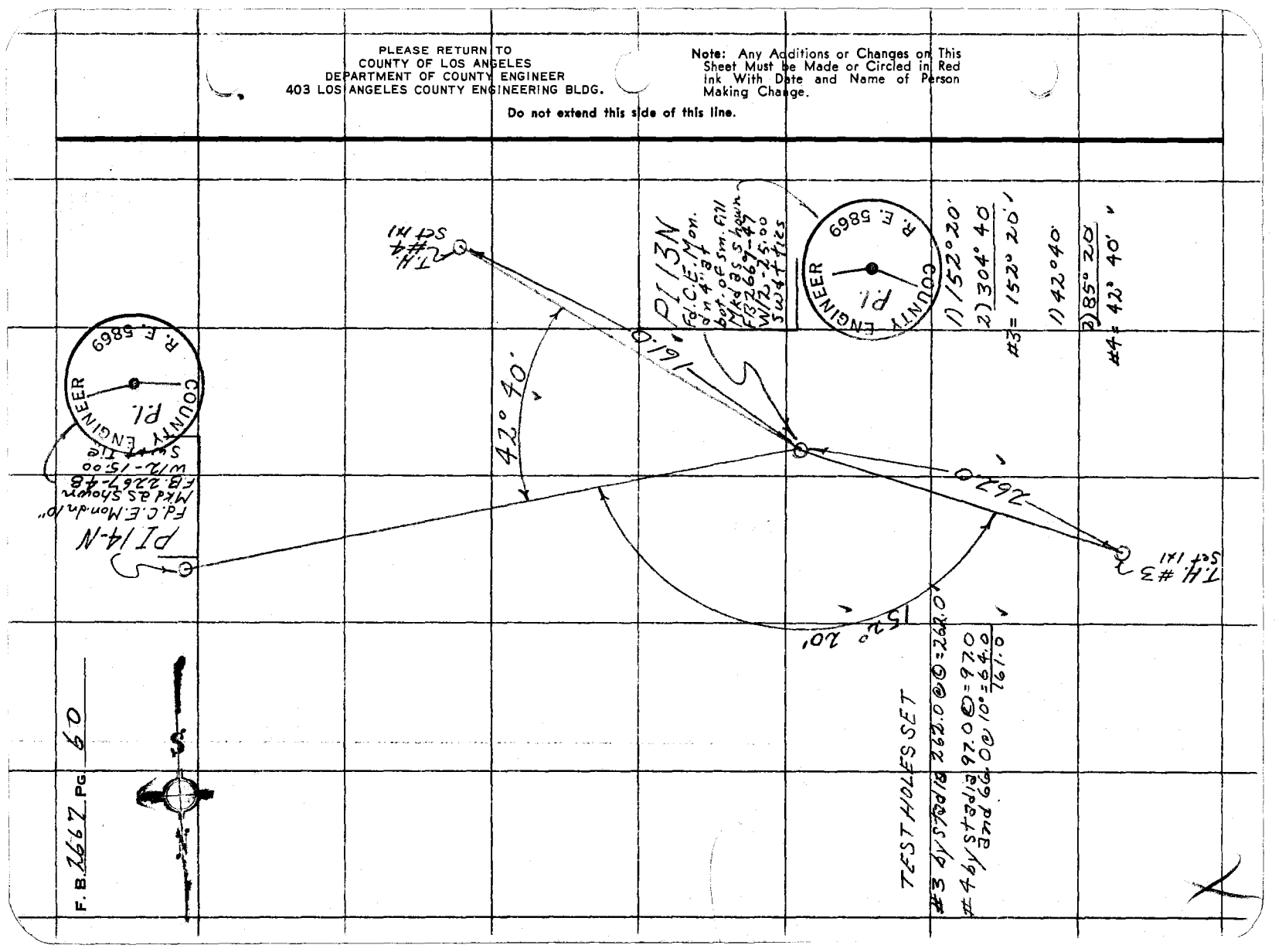
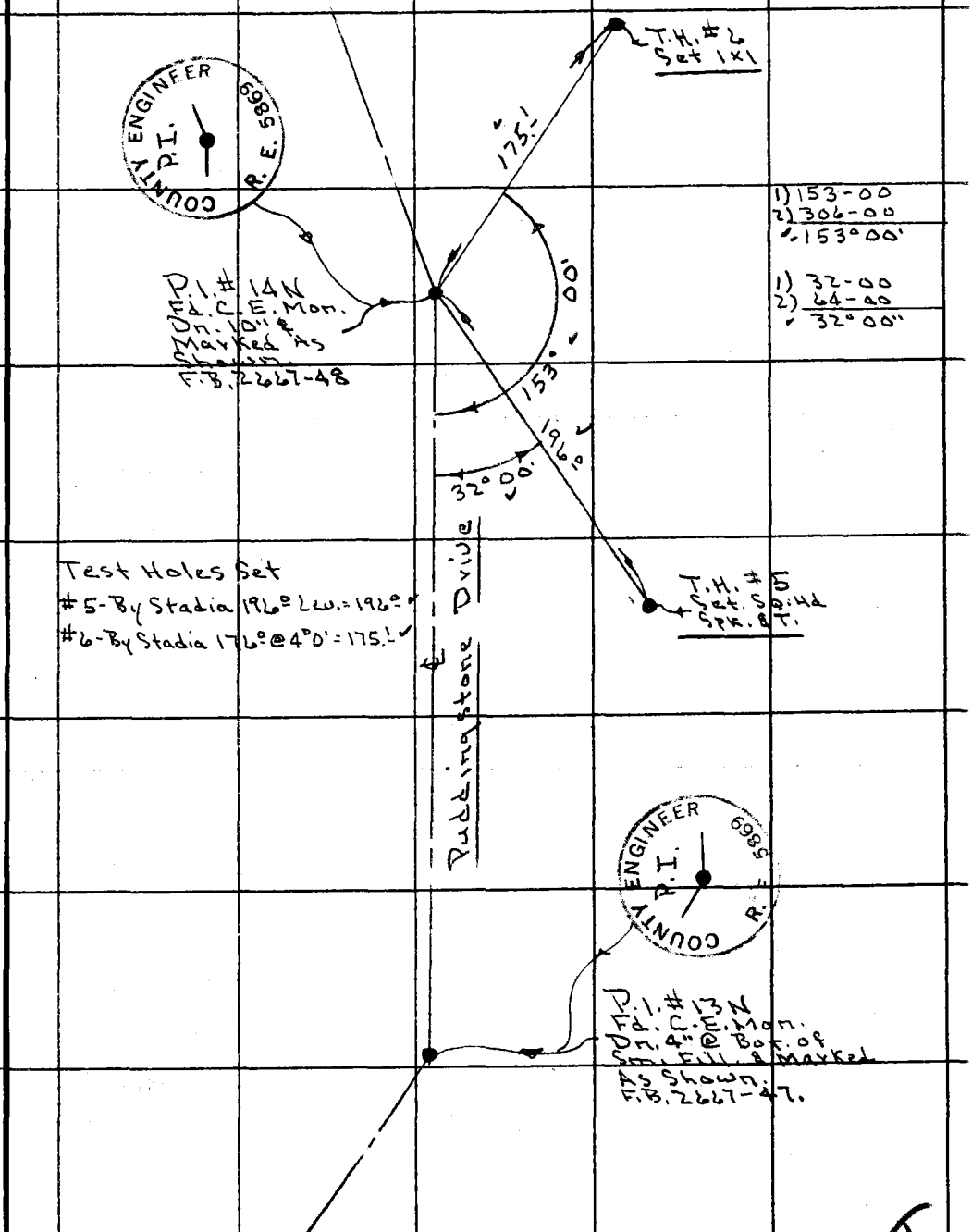


F. B. 2667 PG. 60

Notes Ck'd by D. SAPPELL	Survey of Puddingstone Rec. Area
Map No.	JN 8804.29 Tape Std 84 °F
Office Work	Surveyed by Massey
Checked	Notes Petri Date 5-13-70
Date	Indexed D.J. GALLI MAY 22 '70

F. B. 2667 PG. 61



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76F3095 CE#310 3-68

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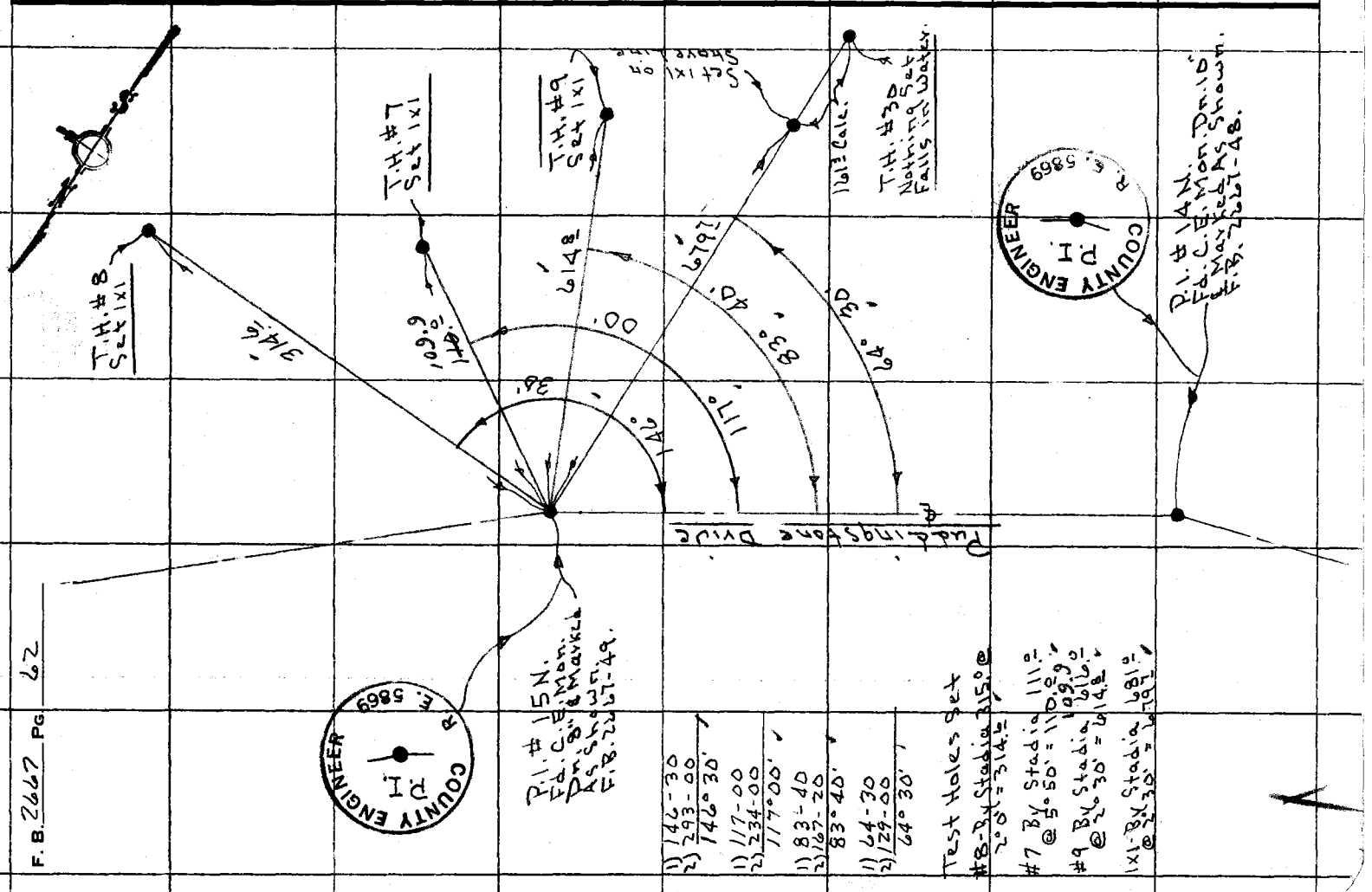
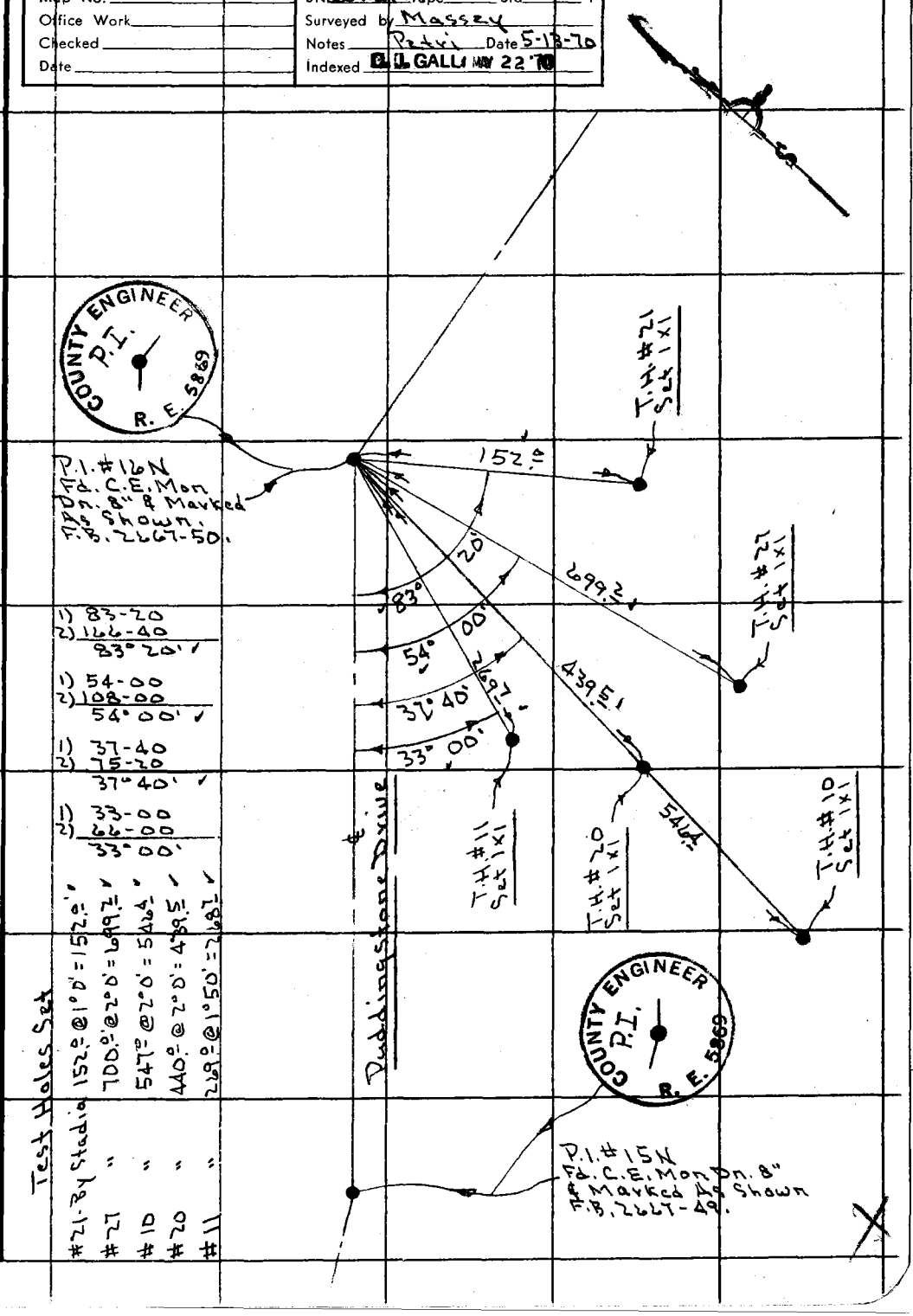


1) 146-30	Test Holes Set
2) 293-00	#8-By Stadia 315.0' @
146° 30'	2.00 = 314.6'
1) 117-00	#7 By Stadia 111.0'
2) 234-00	@ 5.00 = 109.9'
117°00'	#9 By Stadia 109.9'
1) 83-40	@ 2.30 = 114.8'
2) 167-20	1x1-By Stadia 198.0'
83° 40'	@ 2.30 = 167.7'
1) 64-30	
2) 129-00	
64° 30'	

F.B. 2667 PG. 27

Notes Ck'd by D. SAPPELL	Survey of Puddingstone Rec Area
Map No.	JN 8804.29 Tape Std °F
Office Work	Surveyed by Massey
Checked	Notes Petri Date 5-13-70
Date	Indexed C. J. GALLI MAY 22 '70

F. B. 2667 PG. 63



1) 83-20
2) 166-40
83° 20'

1) 54-00
2) 108-00
54° 00'

1) 37-40
2) 75-20
37° 40'

1) 33-00
2) 66-00
33° 00'

Test Holes Set

#21	By Stadia	152.0 @ 1° 0' = 152.0'
#27	"	700.0 @ 2° 0' = 699.2
#10	"	547.0 @ 2° 0' = 546.4
#20	"	440.0 @ 2° 0' = 439.5
#11	"	269.0 @ 1° 50' = 268.7

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76F309S CE#310 3-68

F. B. 2667 PG 64

1) 40-30
2) 81-00
40° 30' ✓

1) 49-10
2) 98-20
49° 10' ✓

1) 79-20
2) 158-40
79° 20' ✓

1) 84-30
2) 169-00
84° 30' ✓

1) 91-00
2) 182-00
91° 00' ✓

1) 94-45
2) 189-30
94° 45' ✓

Test Holes Set

#13	By Stadia	165.9' @ 1°20' = 1649' ✓
#14	"	564.8' @ 2°40' = 562.8' ✓
#22	"	355.9' @ 2°40' = 354.2' ✓
#12	"	461.9' @ 2°45' = 460.9' ✓
#26	"	574.9' @ 2°30' = 572.9' ✓
#25	"	478.9' @ 2°30' = 477.1' ✓

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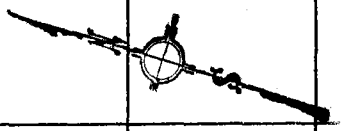
Notes Ck'd by D. SAPPELL	Survey of Paddington Cove Area
Map No.	JN Tape Std °F
Office Work	Surveyed by Massey
Checked	Notes Massey Date 5-13-70
Date	Indexed C. J. GALLI MAY 22 70

F. B. 2667 PG. 65



P.I. #5
Fd. C.S. Mon.
dn 10"
Mkd as shown
F.B. 2667-54

COUNTY SURVEYOR P.I. 5 R.E. 03

119° 10'

114° 30'

61° 00'

T.H. #16
Set 1x1

289.7

P.I. 19-N
(P.I. 4)
Fd C.E. Mon.
in well dn 8"
Mkd as shown
F.B. 2667-53

379.8

262.8

T.H. #15
Set 1x1

T.H. #23
Set 1x1

COUNTY ENGINEER R.E. 588

TEST HOLES SET

#16 by stadia 295.0 @ 7° 10' = 289.7'

#15 by stadia 387.0 @ 7° 50 = 379.8'

#23 by stadia 271.0 @ 10° = 262.8'

1) 61° 00
2) 122° 00
#16 61° 00'

1) 114° 30'
2) 229° 00'
#15 114° 30'

1) 119° 10'
2) 238° 20'
#23 119° 10'

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16F3095 CE#310 3-68

F. B. 2667 PG 66

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P.I. #5
Fd. C.S. Mon.
dn. 10"
mkd as shown
FB 2667-54

187.1

T.H. #18
Set 1x1

42.0.5

398.5

27° 00'

34° 15'

68° 00'

T.H. #17
Set 1x1

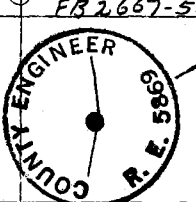
T.H. #24
Set 1x1

1) 68° 00
2) 136° 00
#18 68° 00 ✓

1) 34° 15'
2) 68° 30'
#24 34° 15 ✓

1) 27° 00
2) 54° 00
#17 27° 00 ✓

P.I. #19-N
(21.4)
Fd C.E. MON.
in well dn 8"
MKd as shown
FB 2667-53



TEST HOLES SET

#18 by stadia 188.0 @ 4° = 187.1 ✓
#24 by stadia 421.0 @ 2° = 420.5 ✓
#17 by stadia 399.0 @ 2° = 398.5 ✓

Notes Ck'd by D. SAPPELL	Survey of Puddingstone Rec. A.
Map No.	JN 0054.99 Tape 223 Std 84 °F
Office Work	Surveyed by Petri
Checked	Notes G.P. Date 8-10-70
Date	Indexed G. J. GALLI AUG 11 70

F. B. 766? PG. 67

J.N. 0054.99

8-10-70

Puddingstone Rec. Area

Setting of Reference Points To Tie Out.
P.I.'s № 11N, 13N, & 14N on Puddingstone Drive.

Petri
Goble
Maya

X

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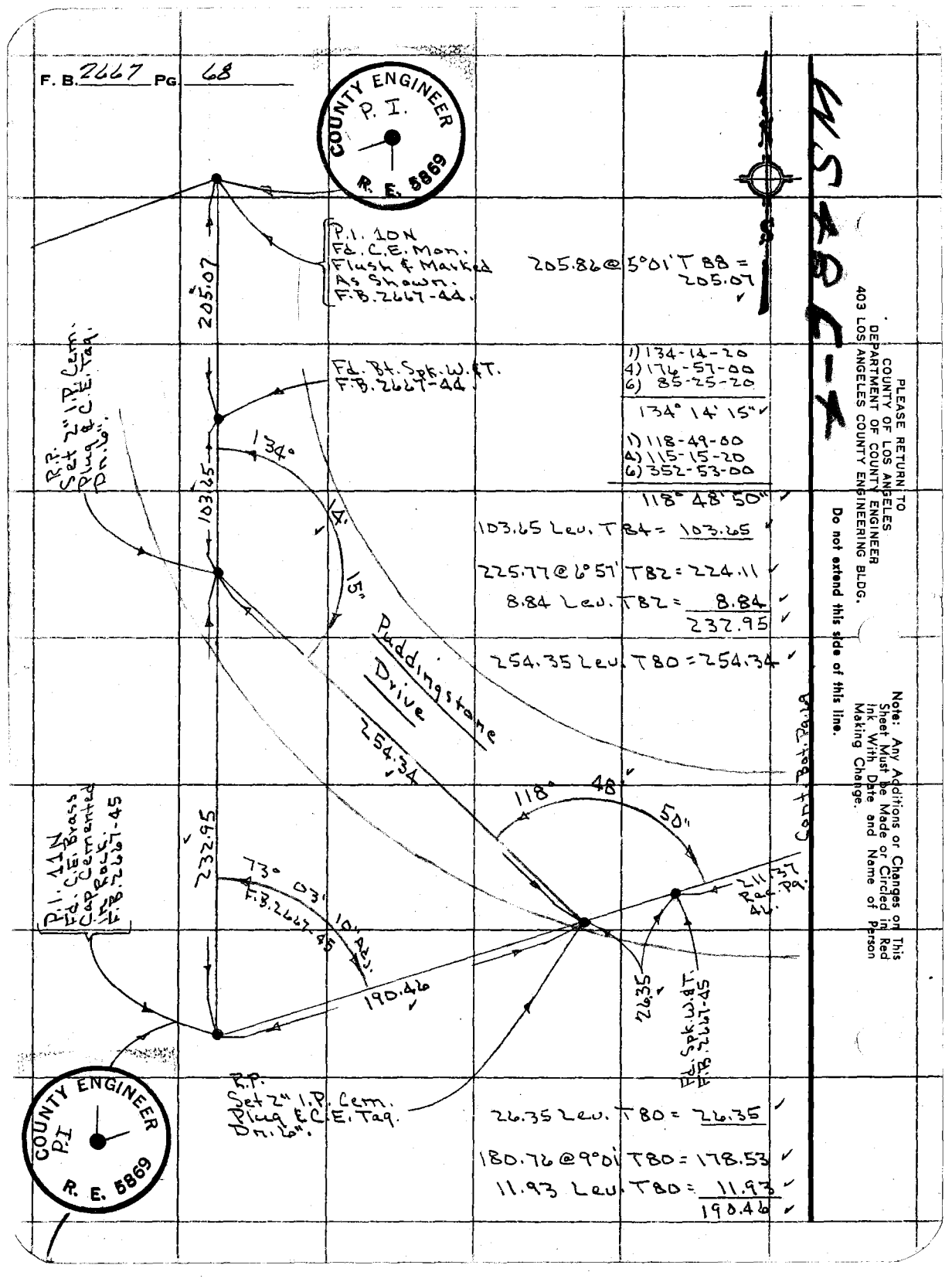
16F3095 CE#310 3-68

F. B. 2667 PG. 68



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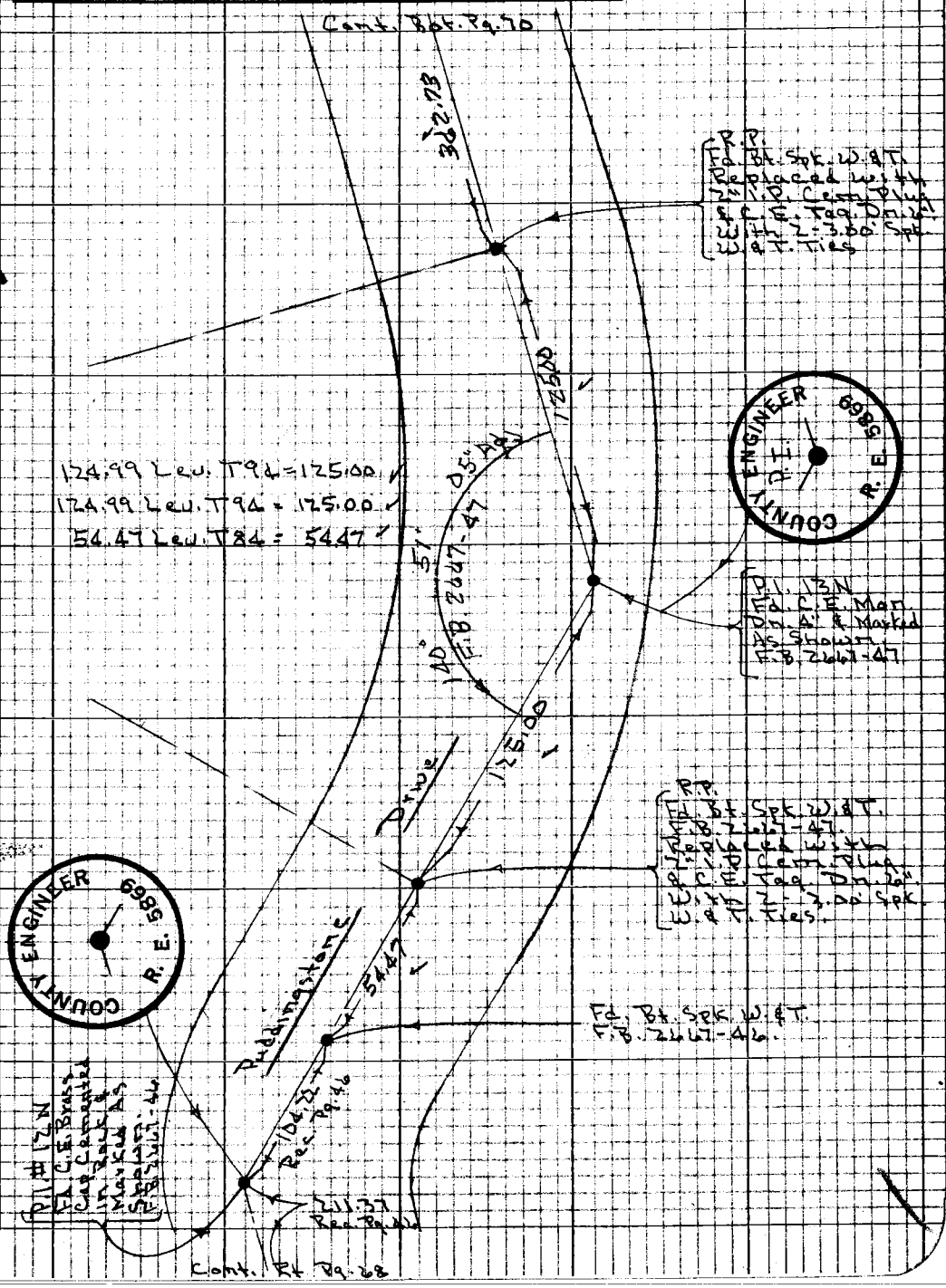
Notes Ck'd by D. SAPPELL	Survey of Puddingstone Rec. A	F.B. 2667 Pg. 69
Map No.	JN0054.99 Tape 223 Std 84°F	
Office Work	Surveyed by Petri	
Checked	Notes G.P. Date 8-10-70	
Date	Indexed D. J. GALLI AUG 11 '70	



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W.S.48-C-4

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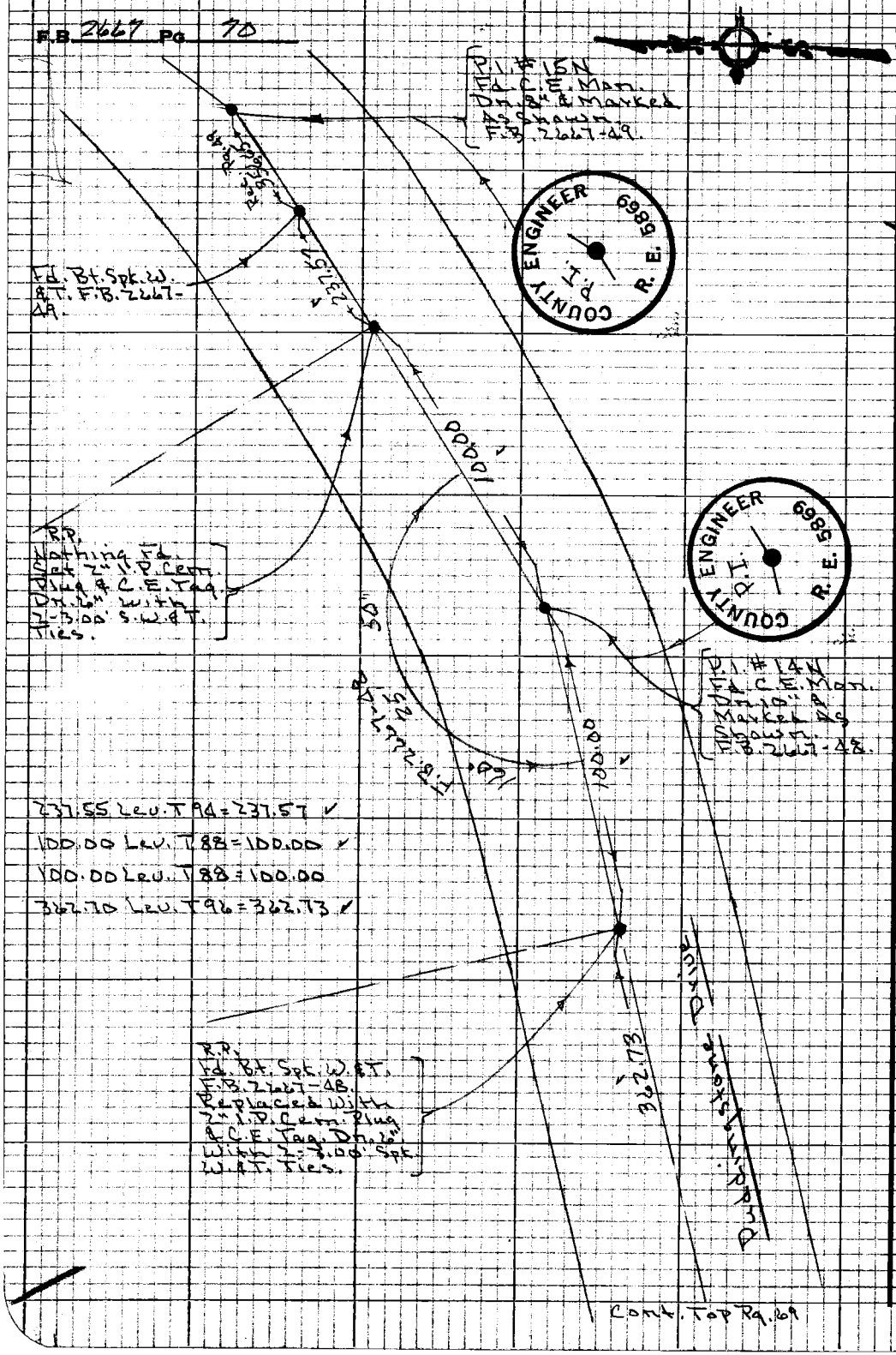
7BP3095 CE #310 8-66

F.B. 2667 Pg. 70



Cont. Top Pg. 69

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W 848, D-4

Notes Ck'd by	Survey of	F.B. 2667 Pg. 71
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

JOB NO 005499

FRANK G BONELLI REGIONAL

PARK & COUNTY RECREATION

AREA BOUNDARY

MONUMENTATION

AREA of BRACKETT AIR FIELD

REF SURV DIV

FILE # 109-19

SHT 1

Guizado

MASSEY

WEST

RODRIGUEZ RR

(N) = NUMBER SHOWN ON CSB 3082

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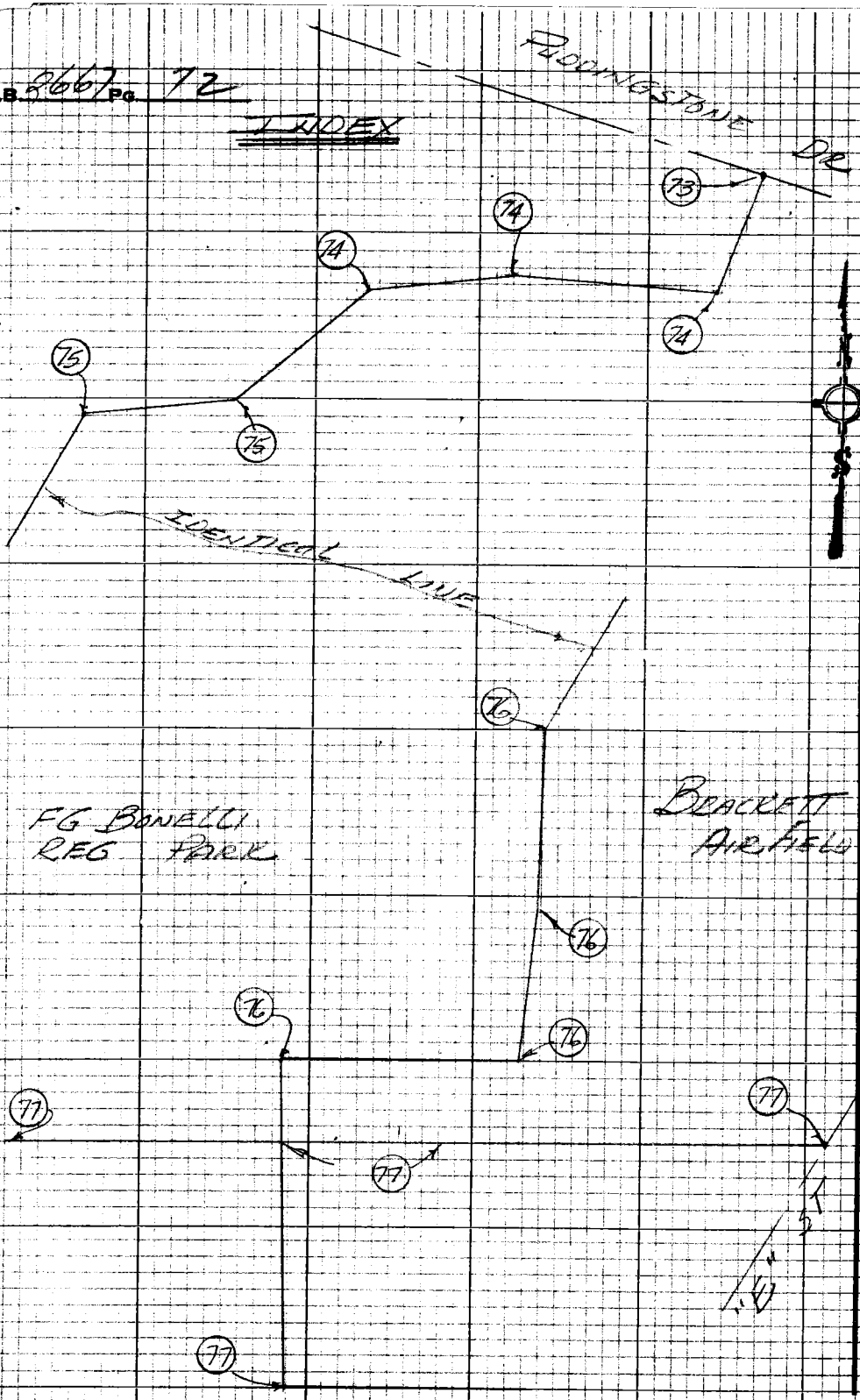
7623098 CK #310 5-66

F.B. 8667 Pg. 72

INDEX



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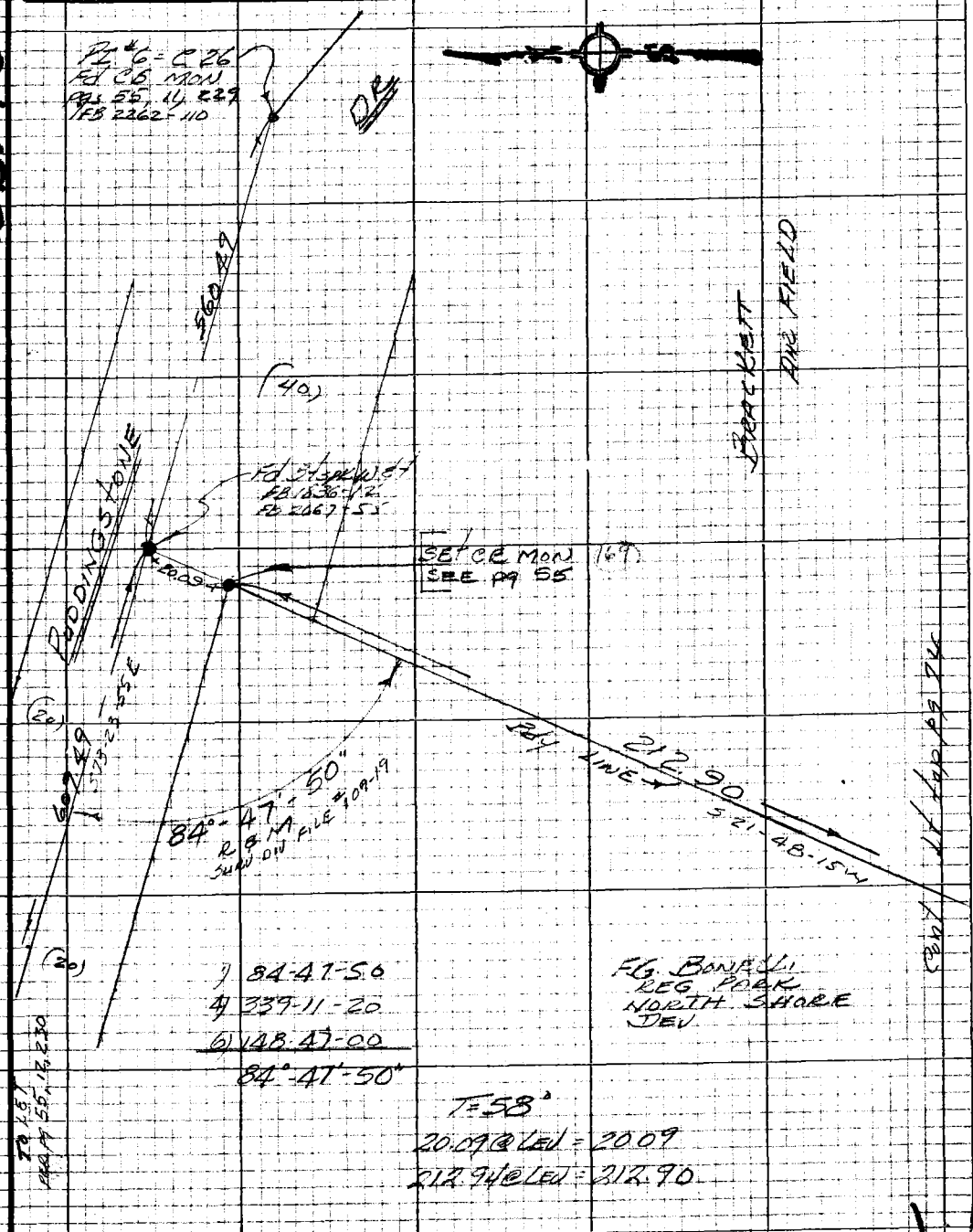
Notes Ck'd by	Survey of F.G. BONELLI REG PARK & REC AREA
Map No.	JN 005499 Tape 239 Std 84 °F
Office Work M. HAMASU	Surveyed by Guizado
Checked	Notes ACG Date 7/71
Date	Indexed

F.B. 2667 PG. 73

W.S. 98 D-0



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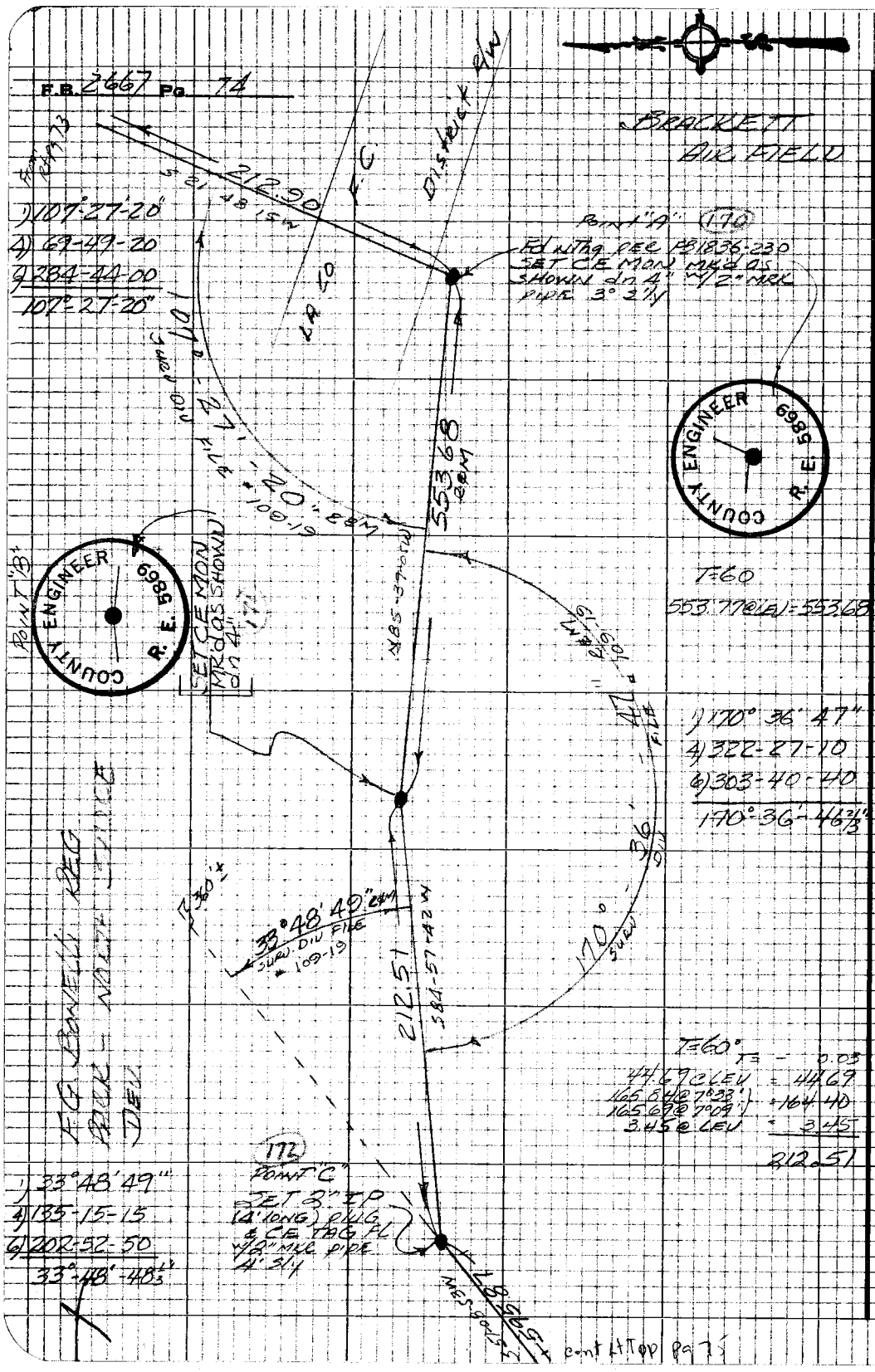
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

F.B. 2667 Pg. 74

BRACKETT AIR FIELD



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F.G. BONELLI

Notes Ck'd by	Survey of REG PARK	F.B. 2667 Pg. 75
Map No.	IN 0054.99 Tape 239 Std 84°F	
Office Work M. HAMASU	Surveyed by GUIZADO	
Checked	Notes ACG Date 1/71	
Date	Indexed	

T = 56 T = − 0.11

50.97 @ 14°13' } = 49.41
57.26 @ 15°26'

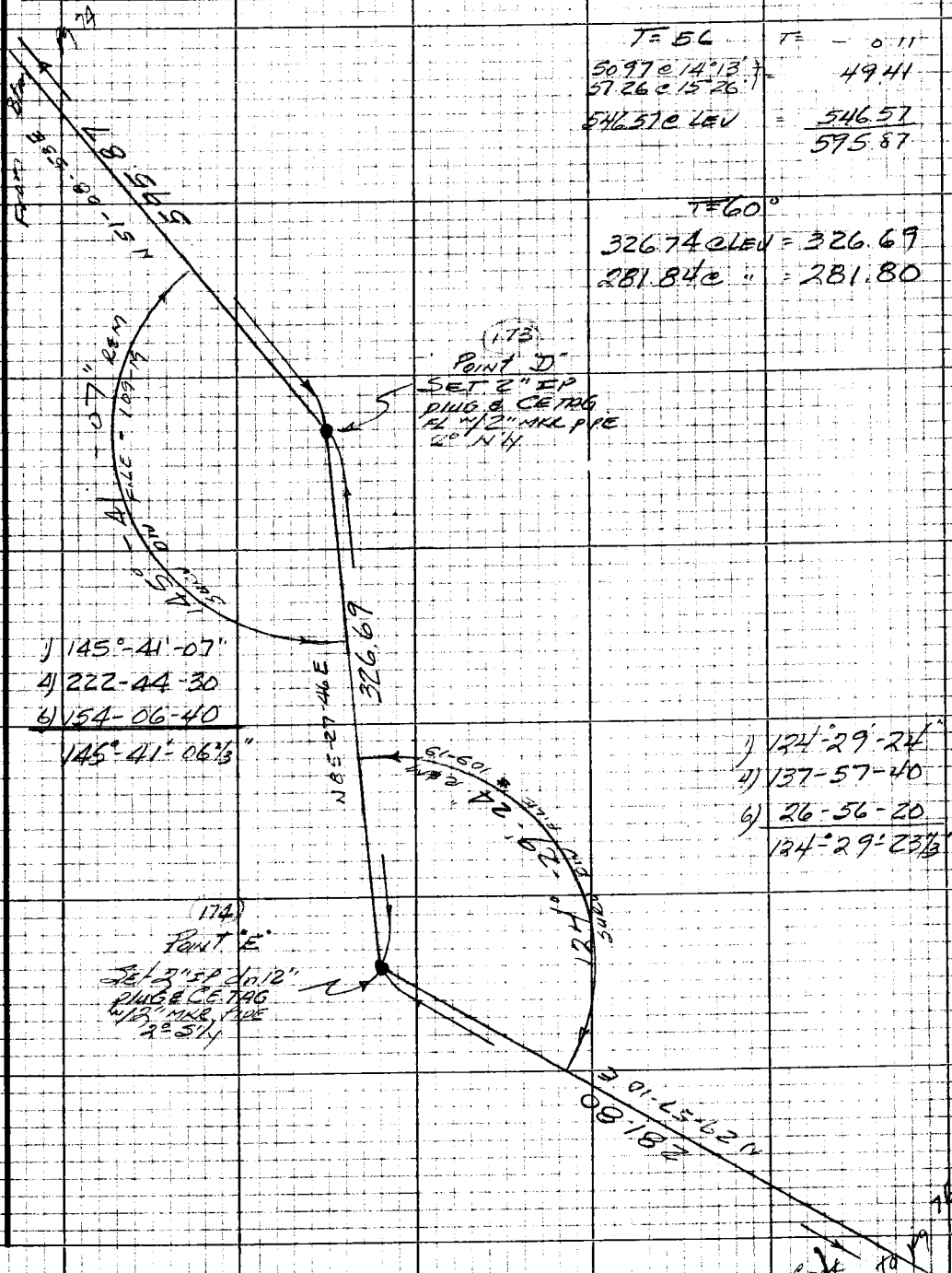
546.57 @ LEV = 546.57

595.87

T = 60°

326.74 @ LEV = 326.69

281.84 @ " = 281.80



1) 145°-41'-07"
4) 222-44-30
6) 154-06-40
145°-41'-06⅔"

1) 124°-29'-24"
4) 137-57-40
6) 26-56-20
124°-29'-23⅓"

Cont to pg 76

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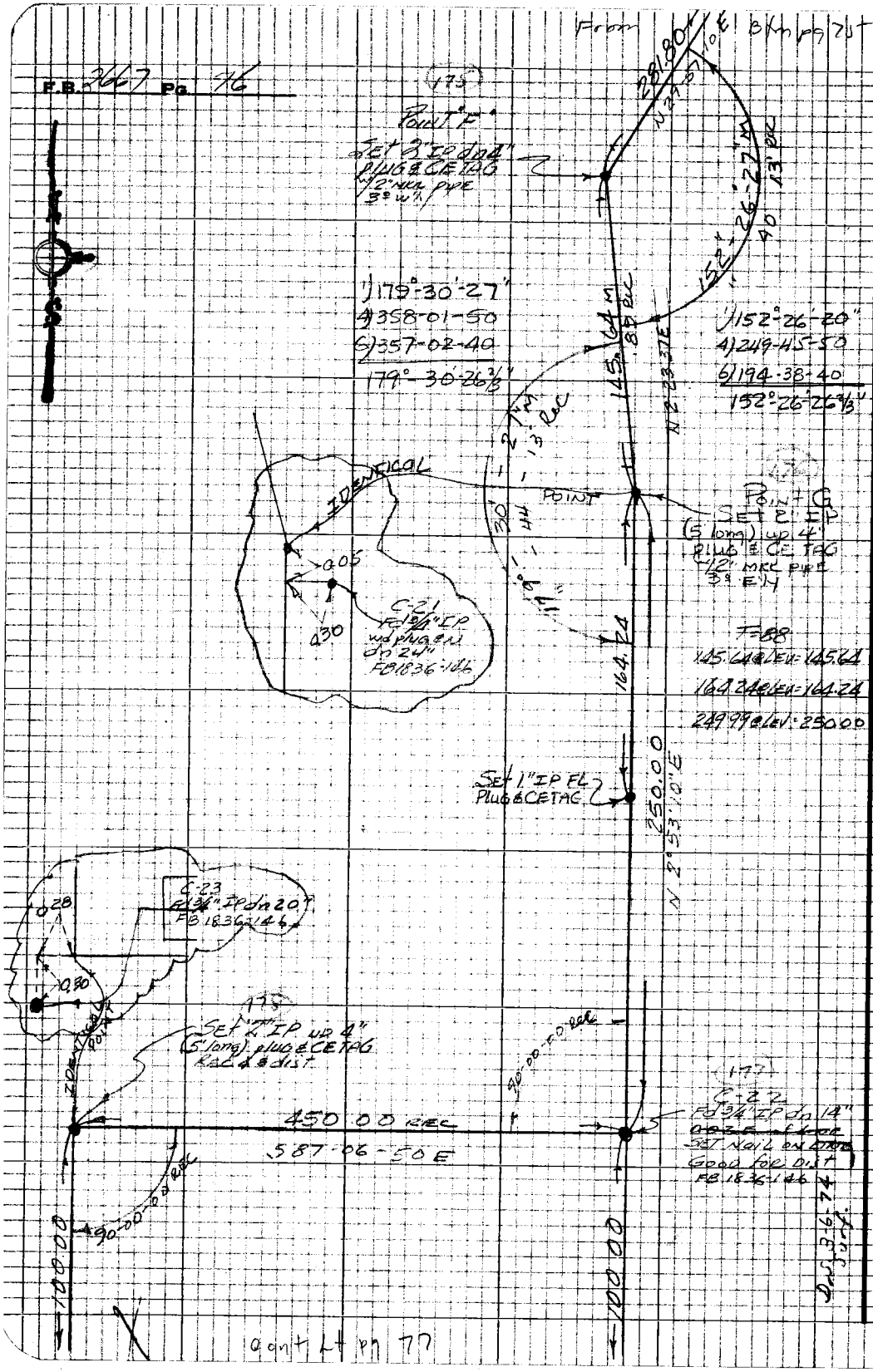
76P309S CK #310 5-66



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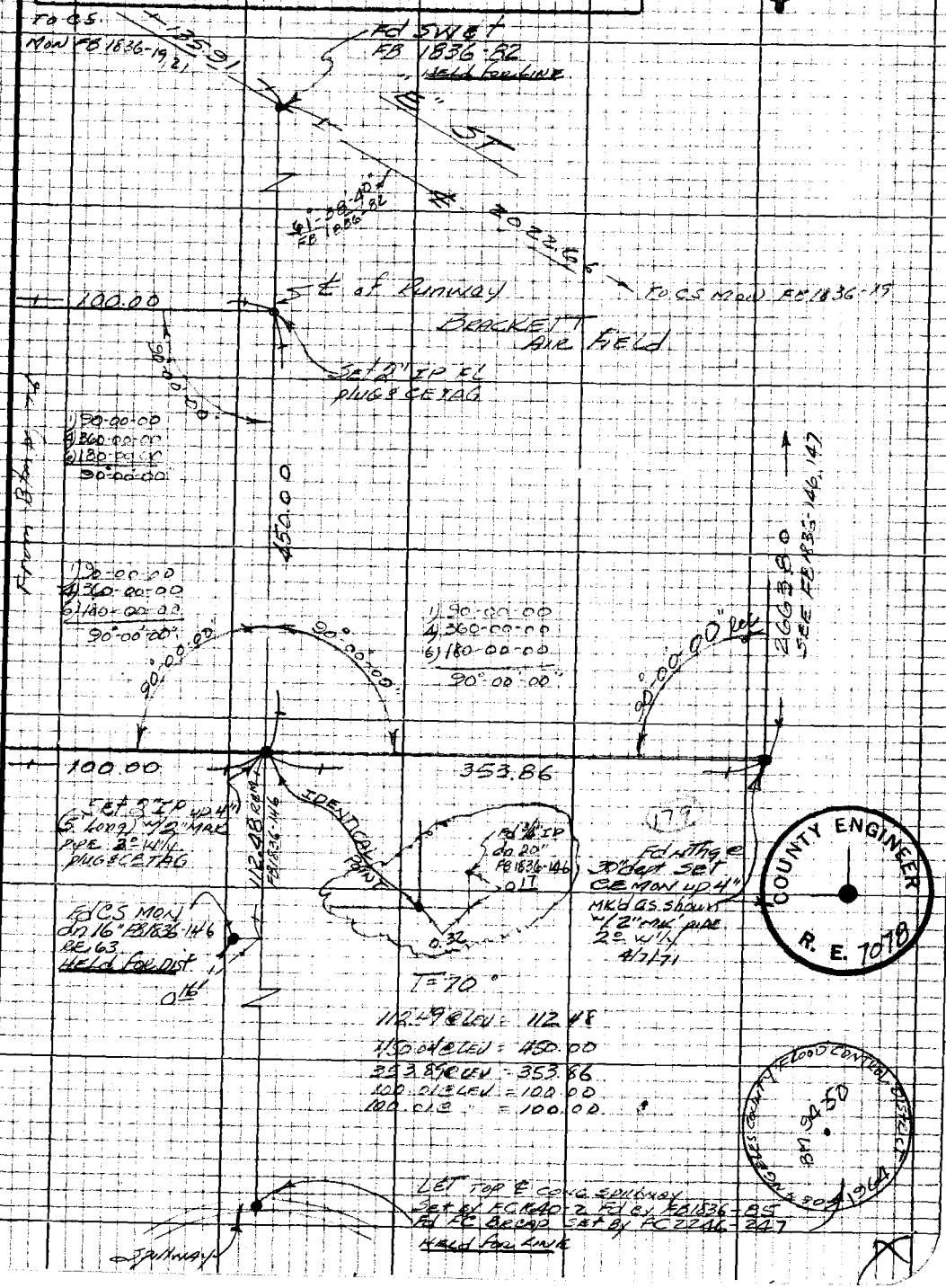
Cont Lt pg 77

FG BONELLI

Notes Ck'd by	Survey of REG PARK	F.B. 2667 Pg. 77
Map No.	IN 005499 Tape 239 Std °F	
Office Work M. HAMASU	Surveyed by Guizado	
Checked	Notes ACG Date 1/71	
Date	Indexed	



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.

76P2098 CK #310 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend this side of this line.

F.B. 2667 Pg. 76

Notes Ck'd by	Survey of BONELLI PARK
Map No.	JN 030300 Tape Std 68 °F
Office Work	Surveyed by A. C. GUIZADO
Checked	Notes M. A. WALSH Jr Date 12-1-75
Date	Indexed

F. B. 2667 PG. 79

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

JOB NO 0303.00

F.G. BONELLI
REG. PARK

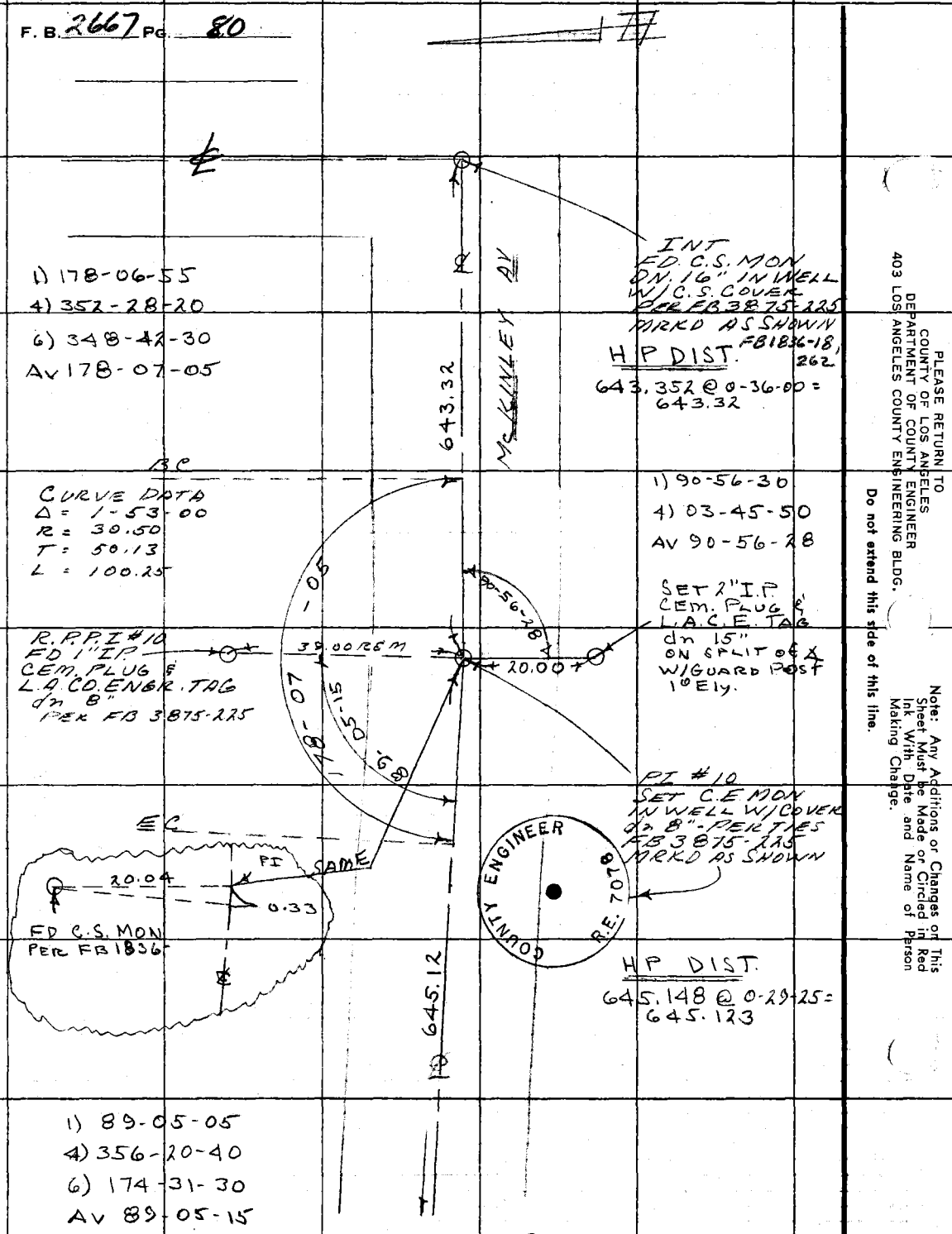
RETRACEMENT of &
MCKINLEY AVE WEST
OF "E" ST to
WEST OF PARK ROAD #5

DEC 1975

Guizado
Walsh
West
Lybrand
FISHER

76F309S CE#310 3-69

F. B. 2667 PG. 80



Cont To Pg 81

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

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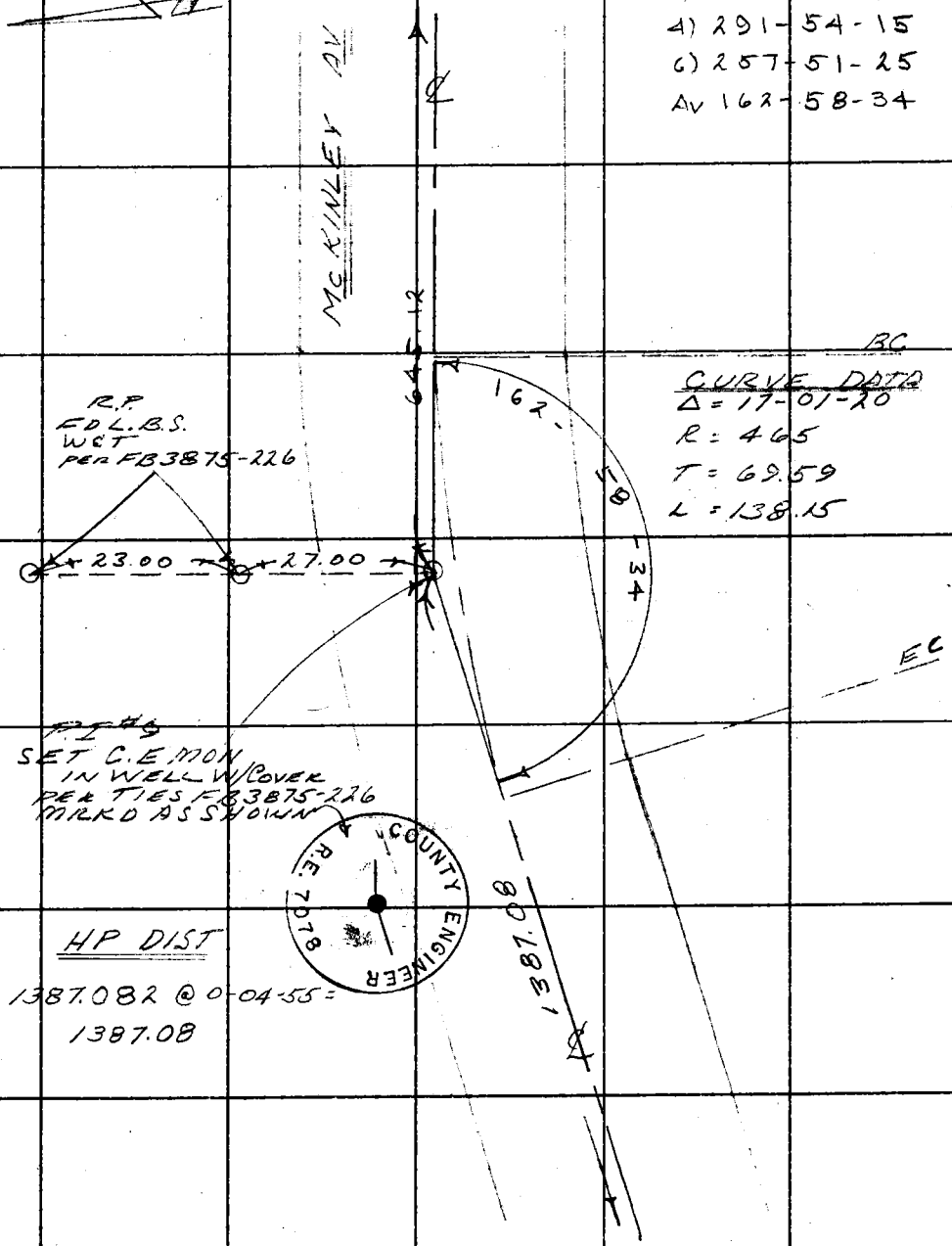
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of BONELLI PARK
Map No.	JN 030300 Tape Std 68 °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes M.A. WALSH Date 12-2-75
Date	Indexed

F. B. 2667 PG. 81

CONT BOT PG 80

1) 162-58-40
4) 291-54-15
6) 257-51-25
Av 162-58-34



CONT TP PG 82

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

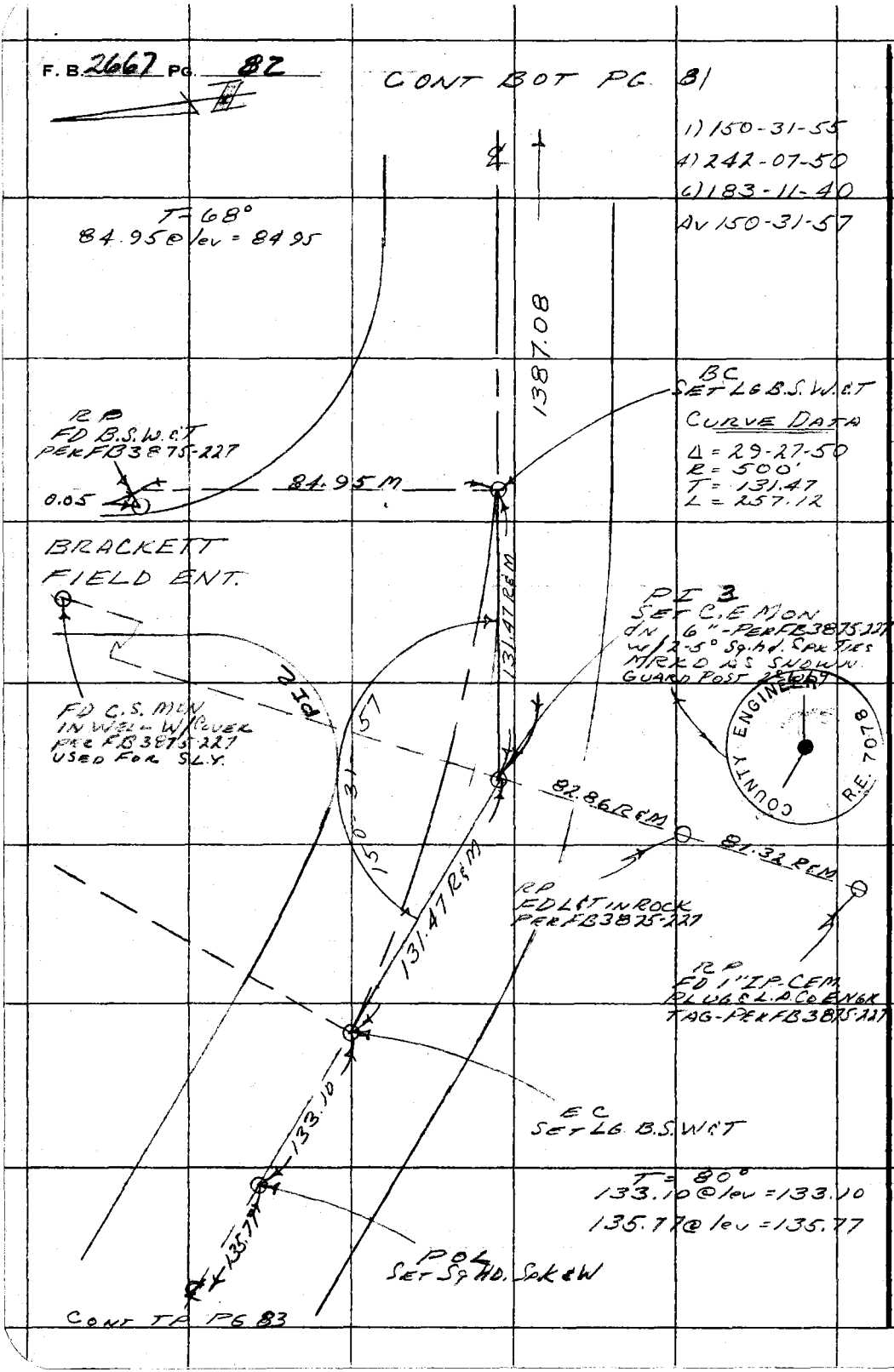
Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 2667 PG. 82

CONT BOT PG. 81



CONT TP PG 83

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

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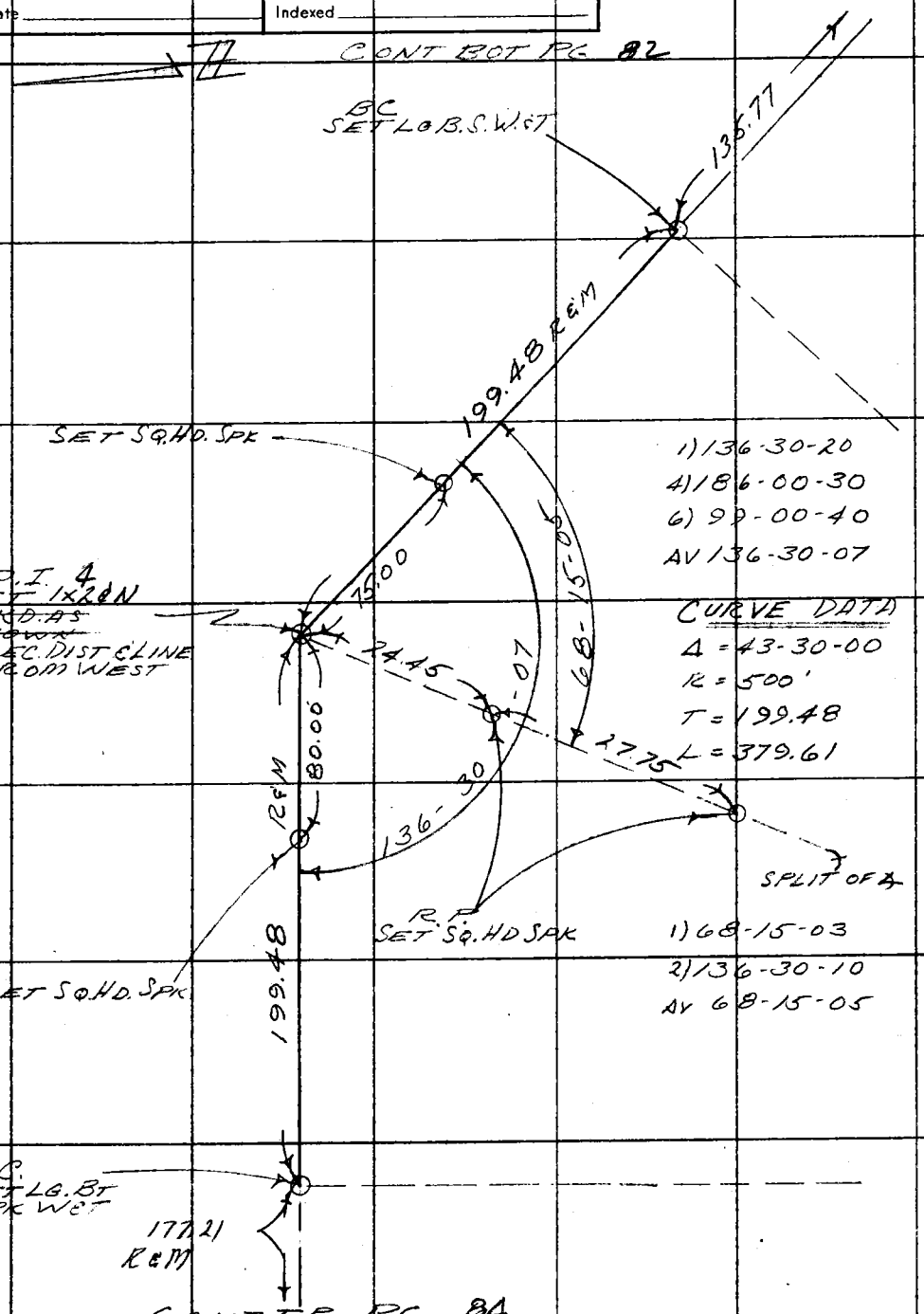
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of BONELLI PARK
Map No.	JN 0303 00 Tape Std 68 °F
Office Work	Surveyed by A.C. CUVZADOS
Checked	Notes M.A. WALSH Date 12-3-75
Date	Indexed

F. B. 2667 PG. 83

CONT ROT PG 82



CONT TP 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.

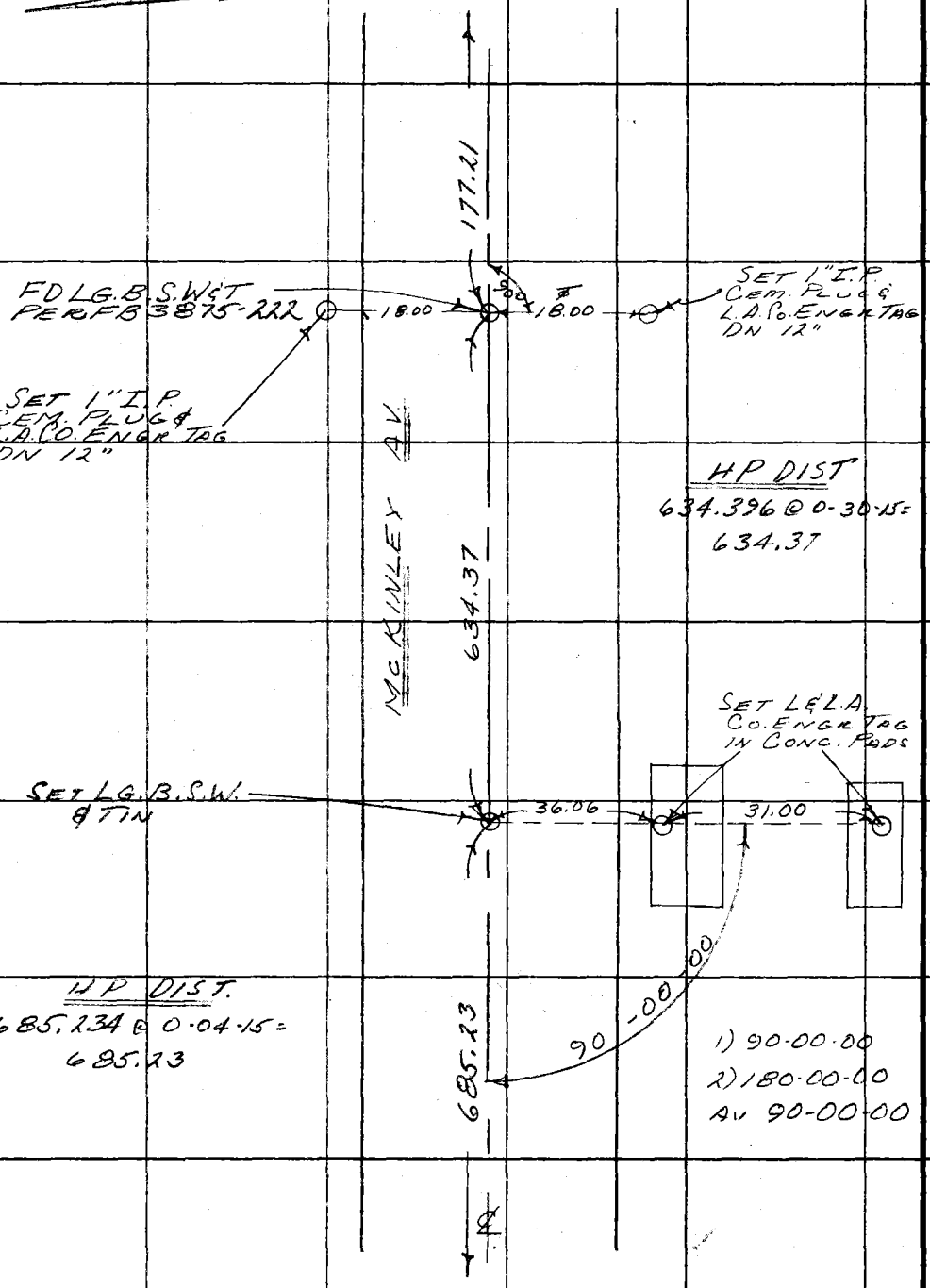
Do not extend this side of this line.

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

16F309S CE#310 3-69

F. B. 2667 Pg. 84

CONT BOT Pg 83



CONT TO Pg 85

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

Do not extend this side of this line.

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

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

Survey of BONELLI PARK
JN 030300 Tape Std 68 °F
Surveyed by A.C. GUIZADO
Notes W.A. WALSH Date 12-3-75
Indexed

F. B. 2667 PG. 85

F1

CONT ROT PG 84

1) 100-06-45
4) 40-27-30
6) 240-41-30
Av 100-06-55

McKINLEY AV.

℄

685.13

BC
SET LG.
BT. SPK. W
E TIN

184.23 R&M

POST
FD SQ HD SPK
NO REF

100-06-55

105.21

CURVE DATA
Δ = 79-53-10
R = 220'
T = 184.23
L = 306.74

184.23 R&M

254.87

℄

PI 12-3
FD 2x2 ON-DN 12"
PER FB 3875-222
REPLACED W/
C.E MON MKD
AS SHOWN

COUNTY ENGINEER
R.E. 7078

POST
FD SQ HD SPK
NO REF

T-60°
105.23 @ lev = 105.21
102.94 @ lev = 102.92

PRC
SET LG. B.S.W.C.T

T-60°
136.14 @ lev = 136.12
118.74 @ lev = 118.72
TOTAL 254.84

CONT TO PG 86

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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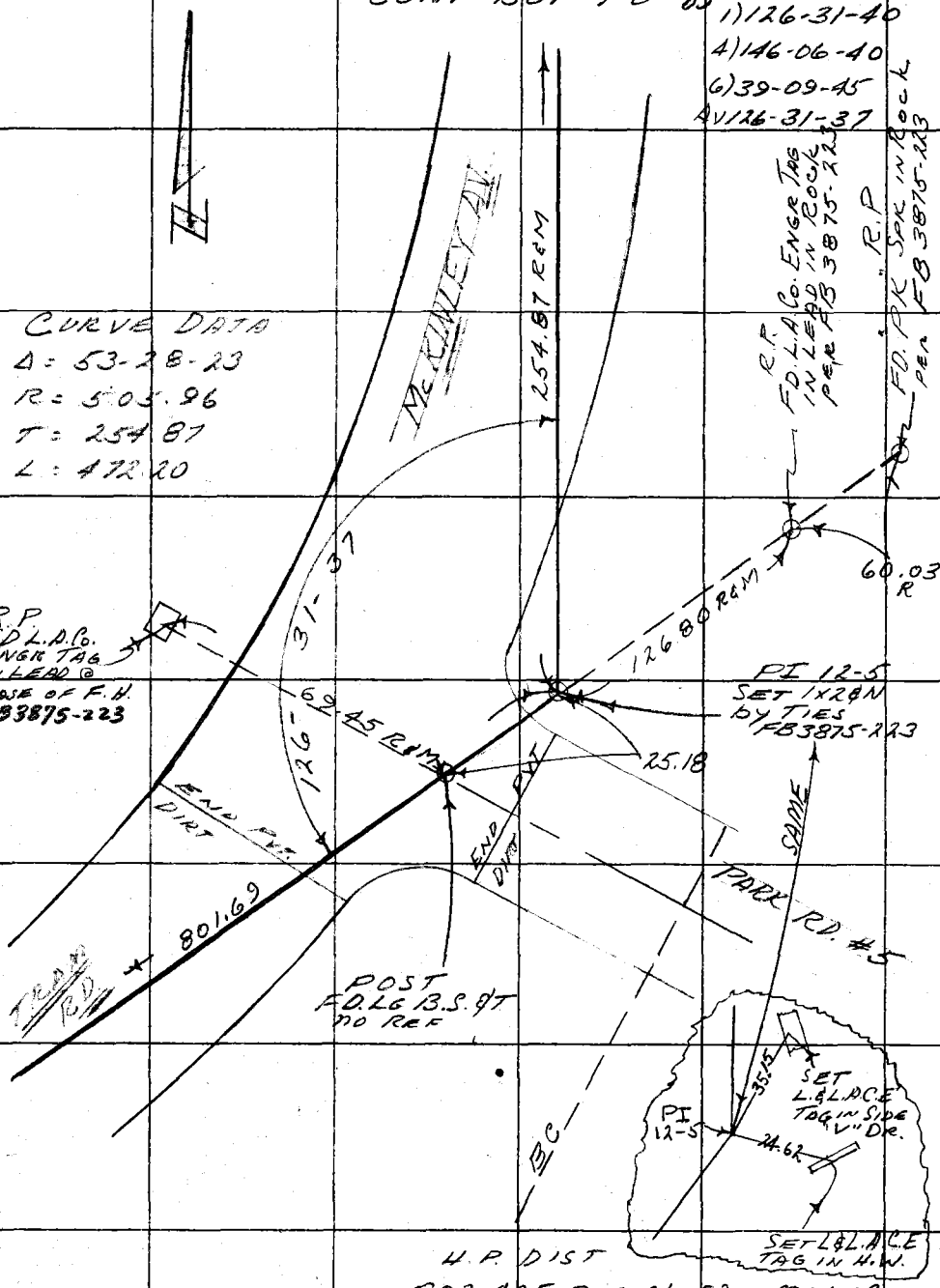
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 2667 PG. 86

CONT BOT PG 85

1) 126-31-40
4) 146-06-40
6) 39-09-45
AV 126-31-37



U.P. DIST
802.425 @ 2-26-52 = 801.69

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

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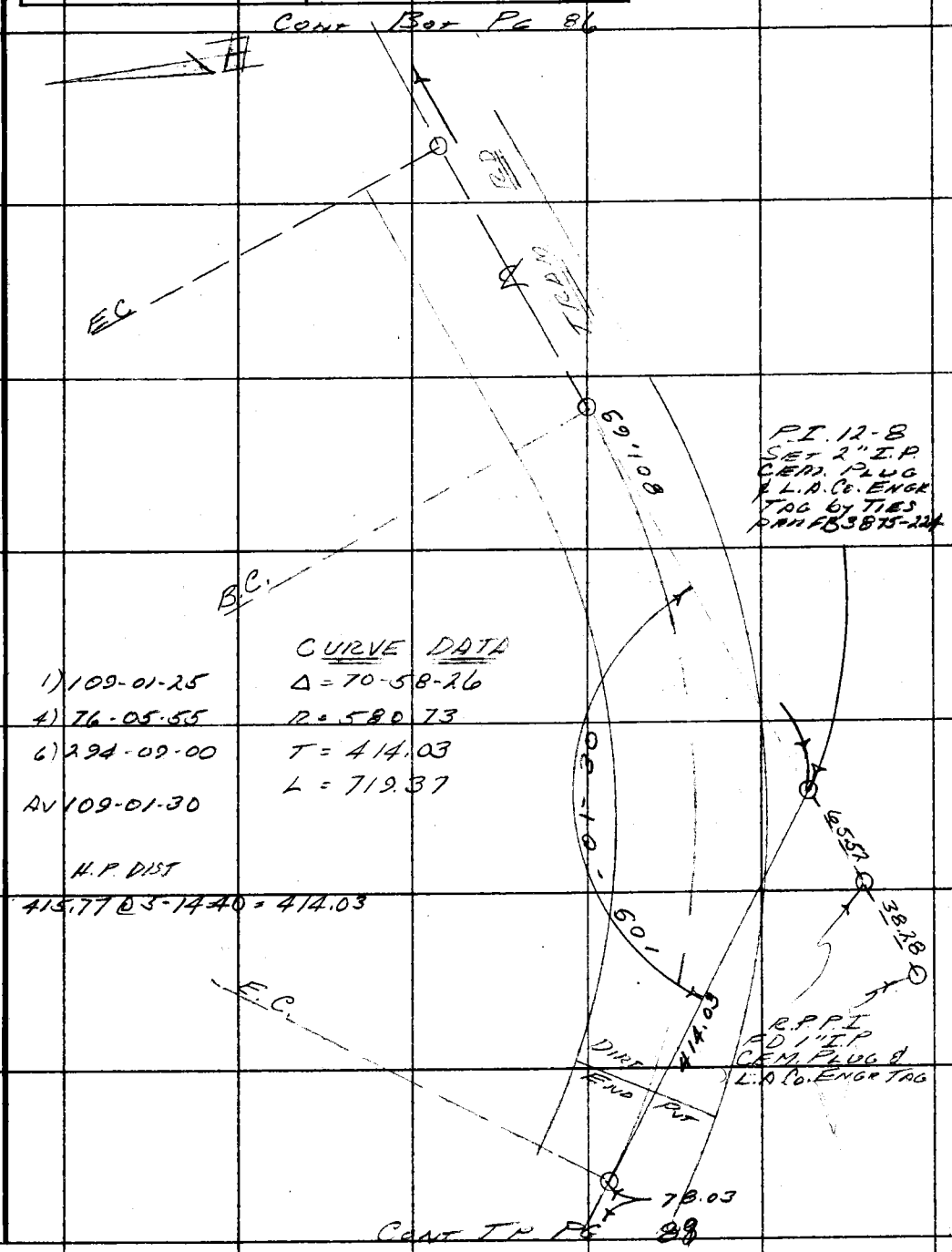
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Bonelli Park
Map No.	JN 030300 Tape Std 68 °F
Office Work	Surveyed by A. C. Guizado
Checked	Notes M. A. Walsh Date 12-5-75
Date	Indexed

F. B. 2667 PG. 87



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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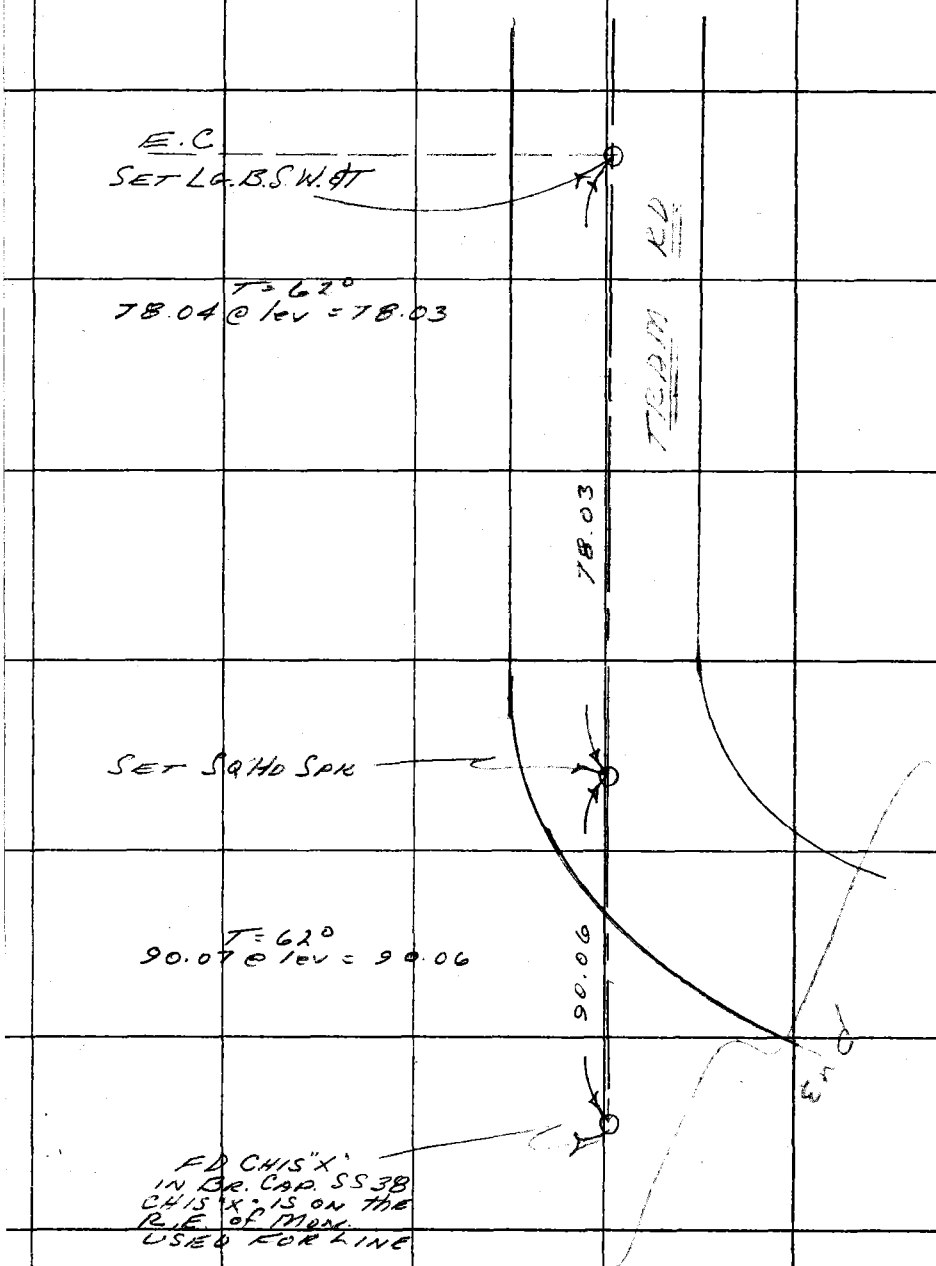
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 2667 Pg. 88

From Btm pg 87



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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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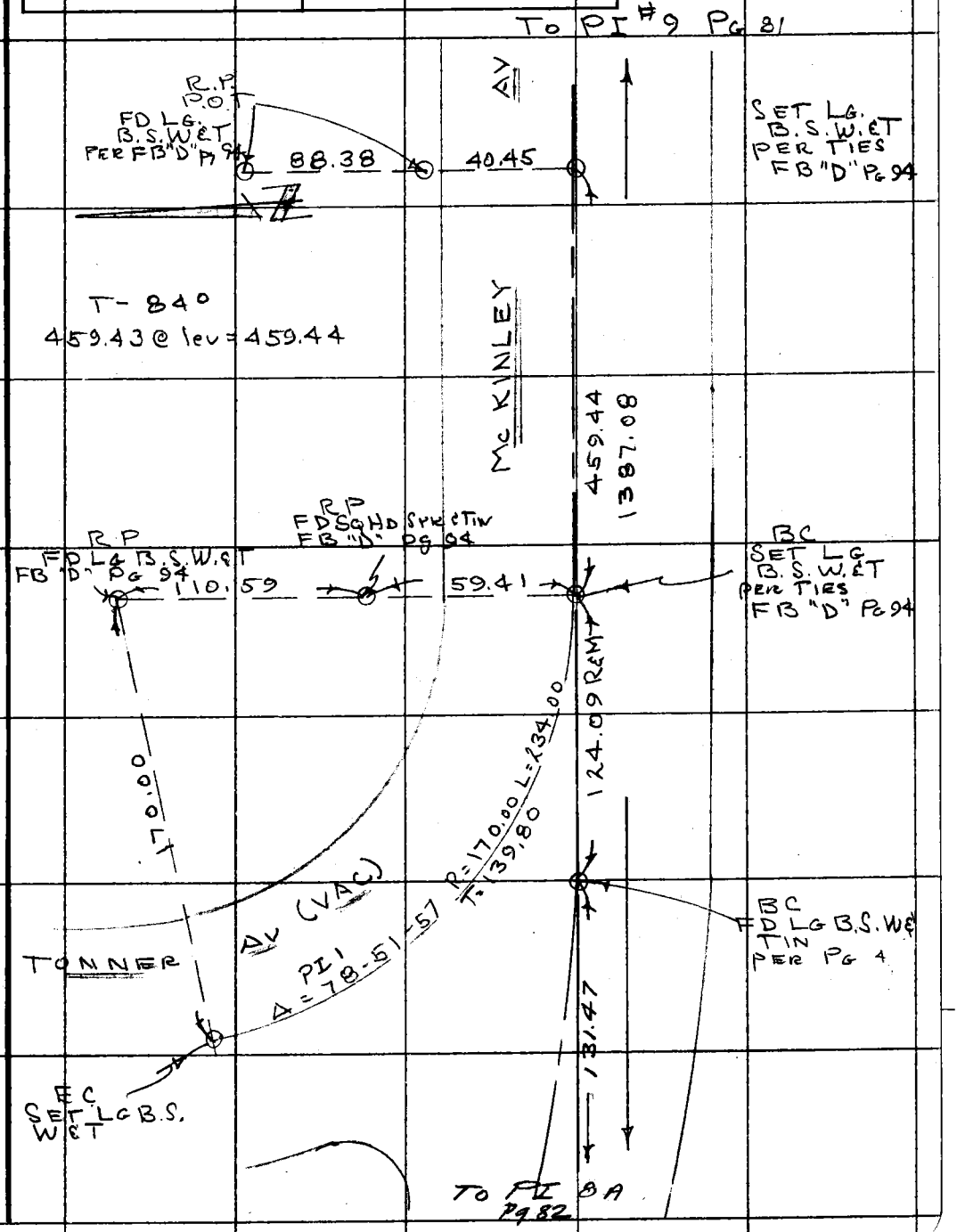
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of BONELLI PARK
Map No.	JN 0303 00 Tape 118 Std 84 °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes M. A. WALSH Date 12-9-75
Date	Indexed

F. B. 2667 PG. 89



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

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

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Do not extend this side of this line.

F. B. 2667 PG. 90

Profile No.	Notes Red	Plotted	Job No. 6950.10	Division No.
	Date	Date	Survey of BRACKETT FIELD HANGAR DRAIN. MODIFIC.	
X-Sec. No.	Notes Chk'd.	Checked	Survey by M. SOTO Notes N.S	Date 1-5-76
	Date	Date	Map No.	Indexed Date

F. B. 2667 PG. 91

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
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

NOTE:
FOR ELEV ON
EXISTING WALKS
PAVEMENT &
CATCH BASINS SEE
FB 3198-271-276
8-27-75

J.N. 6950.10

BRACKETT FIELD HANGAR DRAINAGE MODIFICATIONS

GRADE STAKES FOR 12" A.C.P. STORM DRAIN.

NOTE. GRADES ARE TO FLOW LINE OF DRAIN STAKES ARE 5.00 OFFSET TO THE LEFT. LOOKING UPSTREAM

EXIST DRAIN

0+00

0+84.4 E.C.

CURVE DATA
Δ = 90°
R = 22.50
T = 22.50
L = 35.34

22.5

SET 1X2 EN

1+19.8 E.C.

TAXI - WAY

12" A.C.P.

CONC. SLAB

6" A.C.P.

2+71.2 = 0+00 GOING WEST

CONC. WALK

11.0

8" A.C.P.

3+25.5

1.5

F.B.O. BRACKETT AIR SERVICE

5'0 CONC. WALK

3+54.2

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

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT	REMARKS
FD. TBM				987.974				T.B.M. ELEV. 987.974 FB 3198-276 BRACKETT AIR SERVICE BLDG FD. BT. SPK&W. IN ASPHALT PAV. 15.0 NORTH OF ENTRANCE TO BRACKETT AIR SERVICE BLDG. BRACKETT FIELD AIR PORT.
0+00				986.92		984.30	C - 2.62	CUT "X" ON CONC SLAB.
0+25				987.25		984.42	C - 2.83	1x2 NET
0+50				987.53		984.53	C - 3.00	1x2 NET
0+75				987.72		984.64	C - 3.08	1x2 NET
0+84.4 B.C				987.90		984.69	C - 3.21	" " "
0+96.2 1/3				987.95		984.74	C - 3.21	" " "
1+08.0 2/3				988.14		984.79	C - 3.35	" " "
1+19.76 E.C.				988.74		984.86	C - 3.88	" " "
1+25.0				989.15	.463%	984.88	C - 4.27	" " "
1+50				989.71		985.00	C - 4.71	SQ HD. ET.
1+75				989.32		985.12	C - 4.20	" " "
2+00				988.68		985.23	C - 3.45	" " "
2+25				988.24		985.35	C - 2.89	" " "
2+50				987.85		985.46	C - 2.39	" " "
2+71.2 = 0+00 "T" GOING WEST				987.70		985.56	C - 2.14	" " "
2+75				987.68		985.58	C - 2.10	" " "

F. B. 2667 PG. 92

Job No. 6950.10 Division No. Notes Red Plotted Profile
Survey of BRACKETT FIELD HANGAR DRAIN MODIFIC. Date Date No.
Survey by M. SOTRO Notes N. SMITH Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

76-L-298 CE 307 8-70

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT	REMARKS
3+00				987.87	.46%	985.69	C-2.18	SQ HD. E.T.
3+25.5 = "T"				988.05		985.81	C-2.24	" " "
3+50				988.06		985.92	C-2.14	" " "
3+54.2				988.06	↓	985.94	C-2.12	
6" A.C.P. GOING WEST'LY								
0+00 = 2+71.2 12" A.C.P.								
0+00 =	2+71.2			—			—	SQ HD. E.T.
0+20				987.62				" " "
0+30				987.54				" " "
0+35				987.43				" " "
FD T.B.M.				987.97		T.B.M. ELEV 987.97@ FB. 3198-276 (SEE PREVIOUS PAGE FOR DESCRIPTION)		

Profile No. ____ X-Sec. No. ____
Notes Red ____ Date ____ Notes Chk'd. ____ Date ____
Plotted ____ Date ____ Checked ____ Date ____
Job No. 6950.10 Division No. ____
Survey of BRACKETT FIELD HANGAR BEAM PROJECT.
Survey by M. SOTO Notes N.S. Date 1-5-76
Map No. ____ Indexed ____ Date ____

F. B. 2667 Pg. 93

F. B. 2667 PG. 94 | Job No. | Division No. | Notes Red | Plotted | Profile

Survey of | Date | Date | No.

Survey by | Notes | Notes Chk'd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

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

76-L-298 CE 307 8-70

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403 Los Angeles County Engineering Bldg.

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Notes Ck'd by	Survey of F.G. Bonelli Pk
Map No.	JN 005499 Tape Std 84 °F
Office Work	Surveyed by Guizado
Checked	Notes DEW Date 2-26-76
Date	Indexed

F. B. 3667 PG. 95

F.G. Bonelli Reg.
Swim Park

Establishing Transit Line
For Proposed 3" C.I. Line into
Surge Tank.

Guizado
West
LVBrand
Fisher

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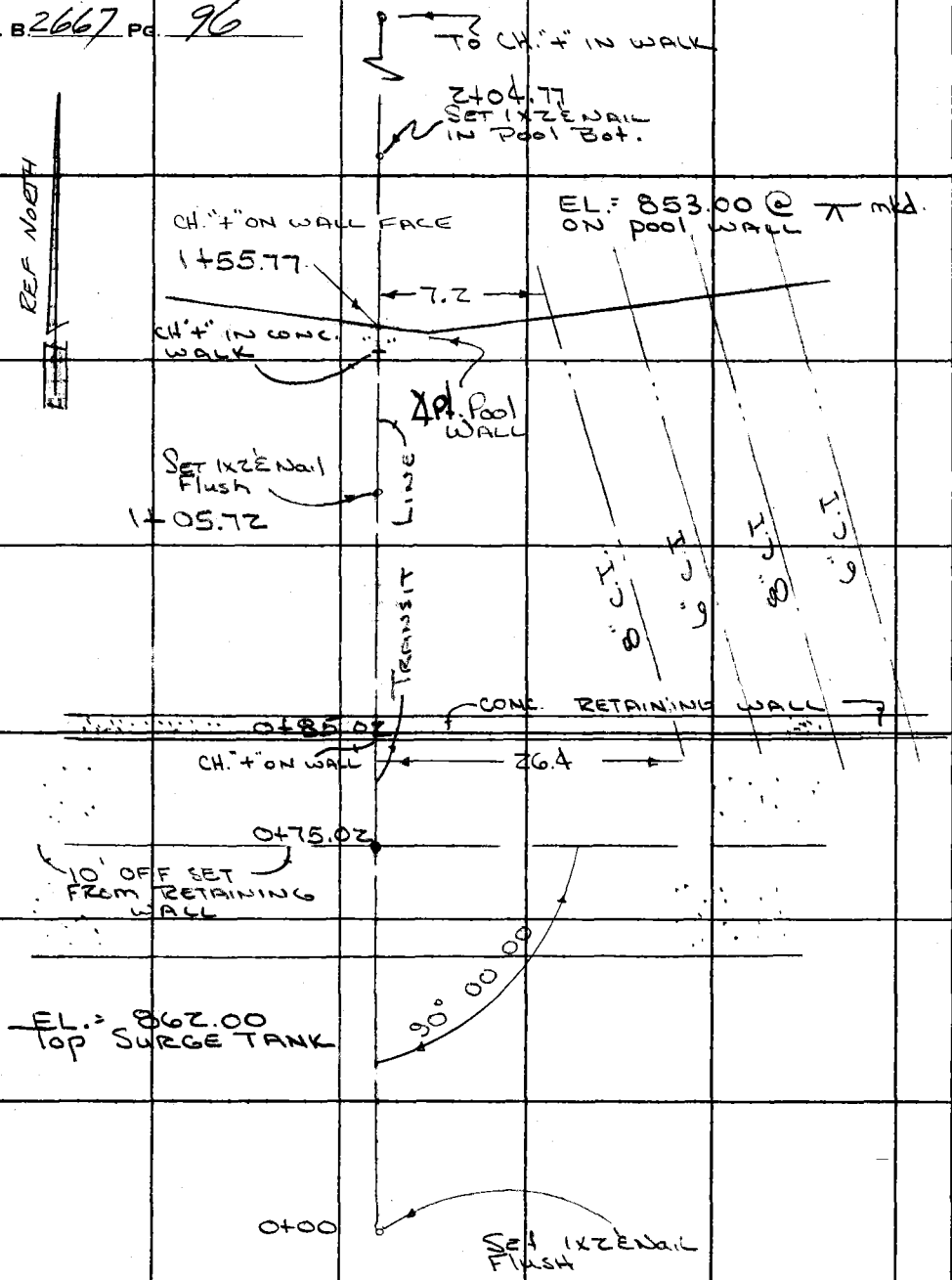
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309s CE#310 3-69

F. B. 2667 PG. 96



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

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

Notes Ck'd by H. E. AUSTIN	Survey of Grand Ave	F. B. 2667 Pg. 101
Map No.	JN 007420 Tape 169 Sta 84 °F	
Office Work	Surveyed by D.E. Holmes	
Checked	Notes Holmes Date 12-4-60	
Date	Indexed H. E. OTT DEC 28 60	

JN 007420
GRAND AVE
INDEX

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

Do not extend this date at this line.

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

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

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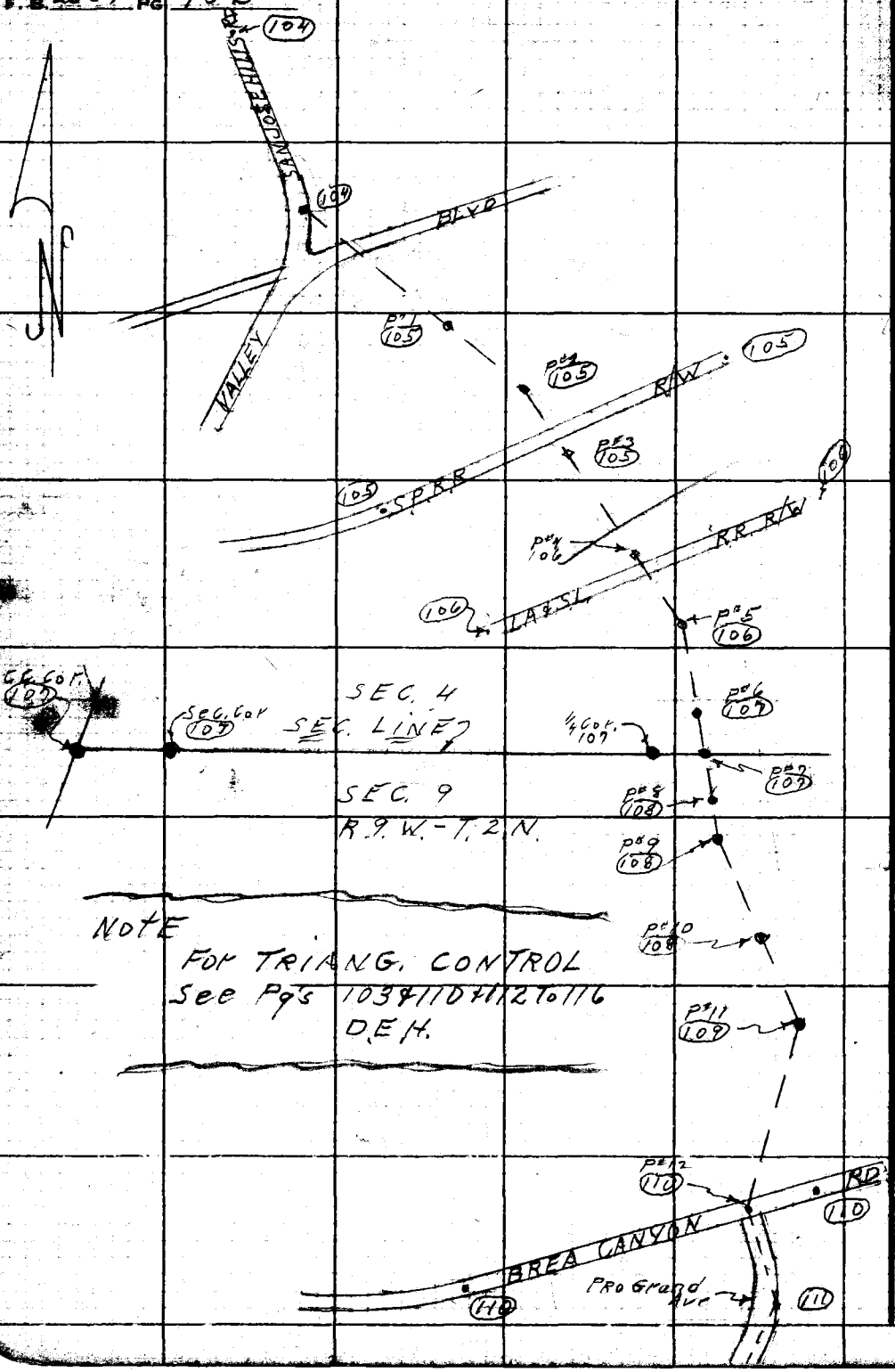
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

F.B. 2667 PG 102



Notes Ck'd by H. E. AUSTIN	Survey of GRAND AVE	F. B. 2667 PG. 103
Map No.	JN 0074.20 Tape 164 Std 84° °F	
Office Work	Surveyed by D.E. Holmes	
Checked	Notes Holmes Date 12-8-60	
Date	Indexed H. E. OTT	

J.N. 0074.20
PRO GRAND AVE (EXT.)
from.
VALLEY BLVD. S'ly To BREA CANYON RD

Holmes
Walsh
Henderson
Brown

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

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

78F309B S&E #247 11-54

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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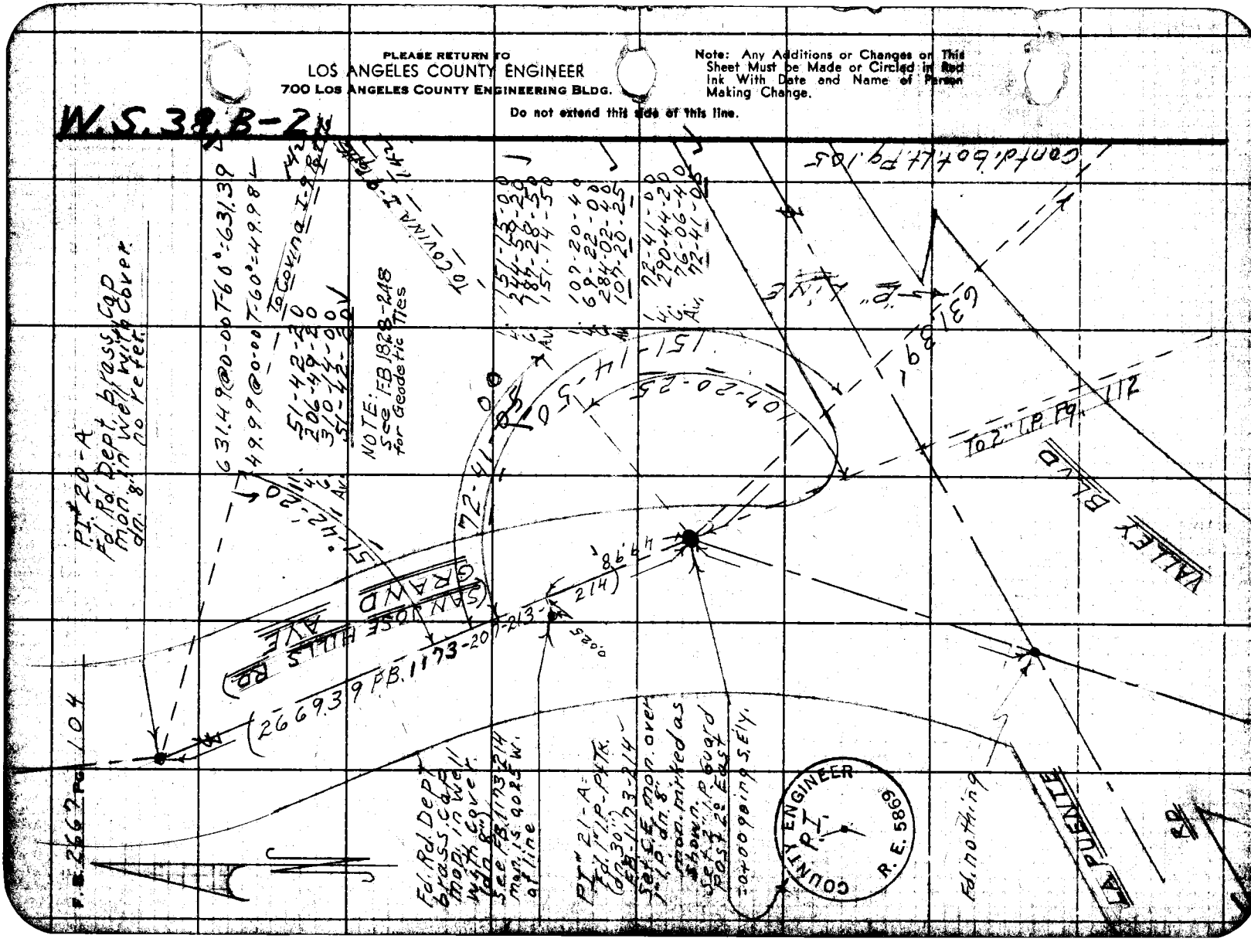
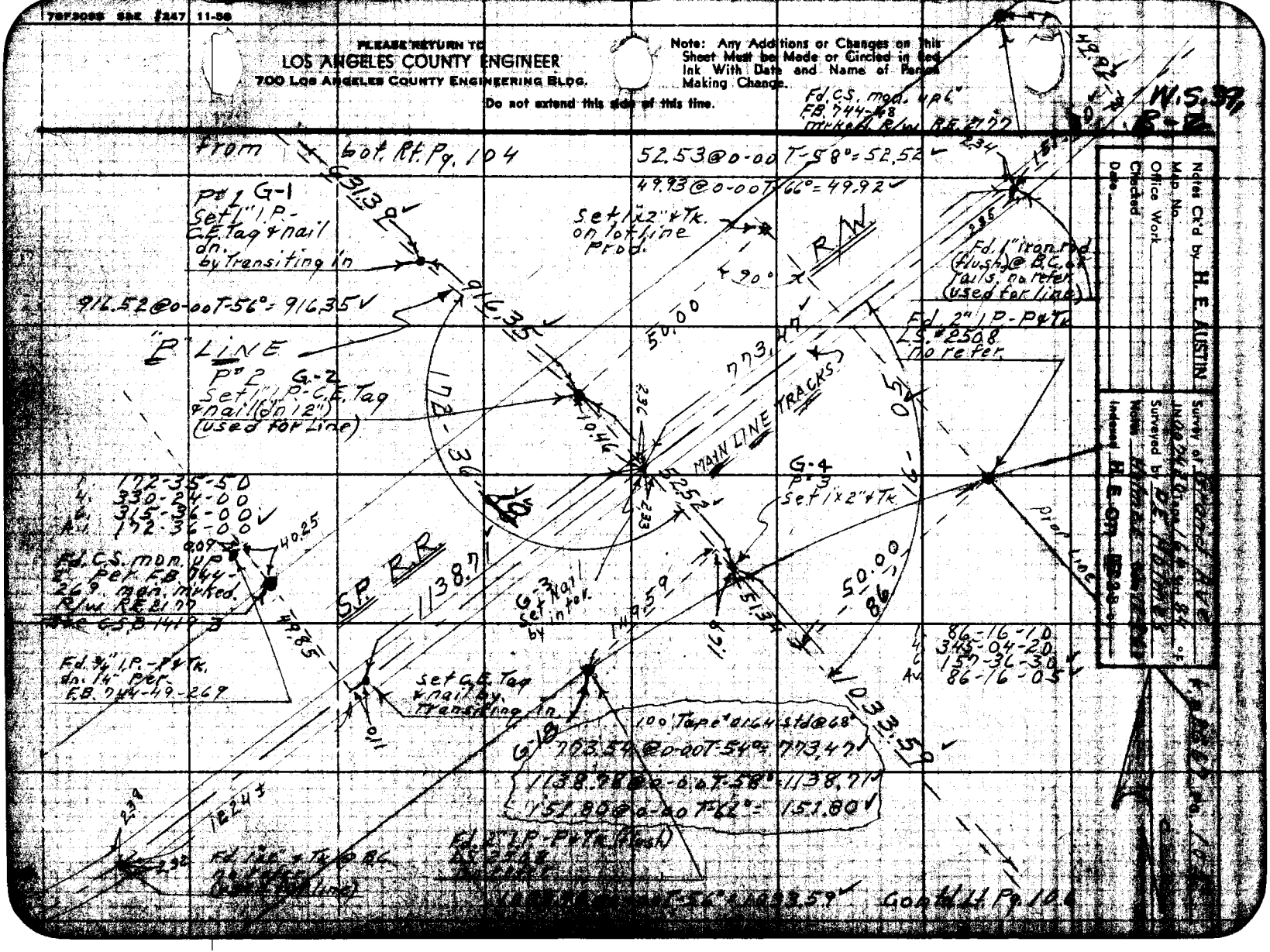
W.S. 38, B-2





PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
Do not extend this side of this line.
W.S. 39
Fd. C.S. mon. up 6" F.B. 744-48 marked R/W R.E. 2177
from bot. Rt. Pg. 104
52.53@0-00 T-58° = 52.52
49.93@0-00 T-66° = 49.92
P#1 G-1 Set 1" I.P. - C.E. Tag & nail dn. by Transiting in
Set 1x2" & Tk. on lot line prod.
R/W
Fd. 1" iron rod (flush) @ B.C. of rails, no refer. (used for line)
916.52@0-00 T-56° = 916.35
"P" LINE
P#2 G-2 Set 1" I.P. - C.E. Tag & nail (dn 12") (used for Line)
Fd. 2" I.P. - P & Tk. L.S. #2508 no refer.
MAIN LINE TRACKS
G-4 P#3 Set 1x2" & Tk.
Prof. Line
1. 172-35-50
4. 330-24-00
6. 315-36-00
Av. 172-36-00
Fd. C.S. mon. up 2" per F.B. 744-269 mon. marked R/W R.E. 2177
S.P. R.R.
G-3 Set Nail by inter.
Fd. 3/4" I.P. - P & Tk. dn. 14" per F.B. 744-49-269
Set C.E. Tag & nail by Transiting in.
100' Tape #0164 std @ 68°
773.54@0-00 T-54° = 773.47
1138.78@0-00 T-58° = 1138.71
151.80@0-00 T-62° = 151.80
1. 86-16-10
4. 345-04-20
6. 157-36-30
Av. 86-16-05
Fd. 2" I.P. - P & Tk. (flush)
Contd. Lt. Pg. 106
Notes Ck'd by H. E. AUSTIN
Map No.
Office Work
Checked
Date
Survey of Grand Ave
Surveyed by
Notes
Indexed H. E. Ott

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend this side of this line.

W.S. 39,B-2

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend this sketch beyond this line.

W.S. 39, B-2

From Ref. Pg. 102

1. 108.09 @ 9-52 T-60° = 106.97
2. 108.52 @ 9-04 T-60° = 107.13
1. 118.09 @ 8-18 T-62° = 116.83
2. 118.25 @ 8-48 T-62° = 116.84
Av. Total = 223.96

1. 96.95 @ 7-58 T-62° = 96.00
2. 97.09 @ 8-32 T-62° = 96.01
1. 95.81 @ 15-27 T-62° = 94.89
2. 98.00 @ 15-50 T-62° = 94.99
Av. Total = 190.99

1. 297.59 @ 6-44 T-64° = 295.50
2. 297.73 @ 6-56 T-64° = 295.51
134.34 @ 0-00 T-62° = 134.32
298.97 @ 0-00 T-62° = 298.93
82.54 @ 0-00 T-62° = 82.53
Av. Total = 811.28

1. 76-22-40
4. 305-30-40
6. 98-15-40
Av. 76-22-35

"P" LINE

P.O.T. = G-8
Set 1" I.P.-C.E. Tag
Nail (dn. 12")
on line

506.164

811.28

170.99

(36820 C.S.B. 1419-3)

(2662.62 Per. C.S.B.-1419-3)

(1335.97 M 1000' to scale)

5-25-64 D.E.H. Pg. 214 223.97 M

223.96

SEC. LINE?

Fd. C.S. mon. FB. 562-308 (dn. 6") (used for line) mon. marked as shown. Set 2" I.P. guard Post 4' E

Fd. C.S. mon. Per FB. 562-308-311-316. (dn. 7") mon. marked as shown. Fd. 0.03' N of line

Fd. C.S. mon. Per FB. 562-308. G-19 (dn. 14") mon. marked as shown. (used for line) Set 2" I.P. guard Post 2' East

"P" N = G-9 Set 1" I.P.-C.E. tag & nail 6' W. of intersection of 4th Sec. line & Prod. E.

COUNTY SURVEYOR C.L.C. 5/8 T.2.S. R.E. 21.7 W.

COUNTY SURVEYOR 5/4/89 T.2.S. R.E. 21.7 W.

COUNTY SURVEYOR R.&W. 1/4 COR. SEC. 4 SEC. 9 T.3.S. R.E. 21.7 W.

Control Map Pg. 102

Ndtes Ck'd by H. E. AUSTIN
Map No.
Office Work
Checked
Date

Survey of Grand Ave
JN 00.74 Stations 64 Std. 84 °F
Surveyed by D.E. Holmes
Notes Holmes Date 12-28-64
Indexed H. E. Jan 29 DEC 28 '80

F. B. 2662 Pg. 102

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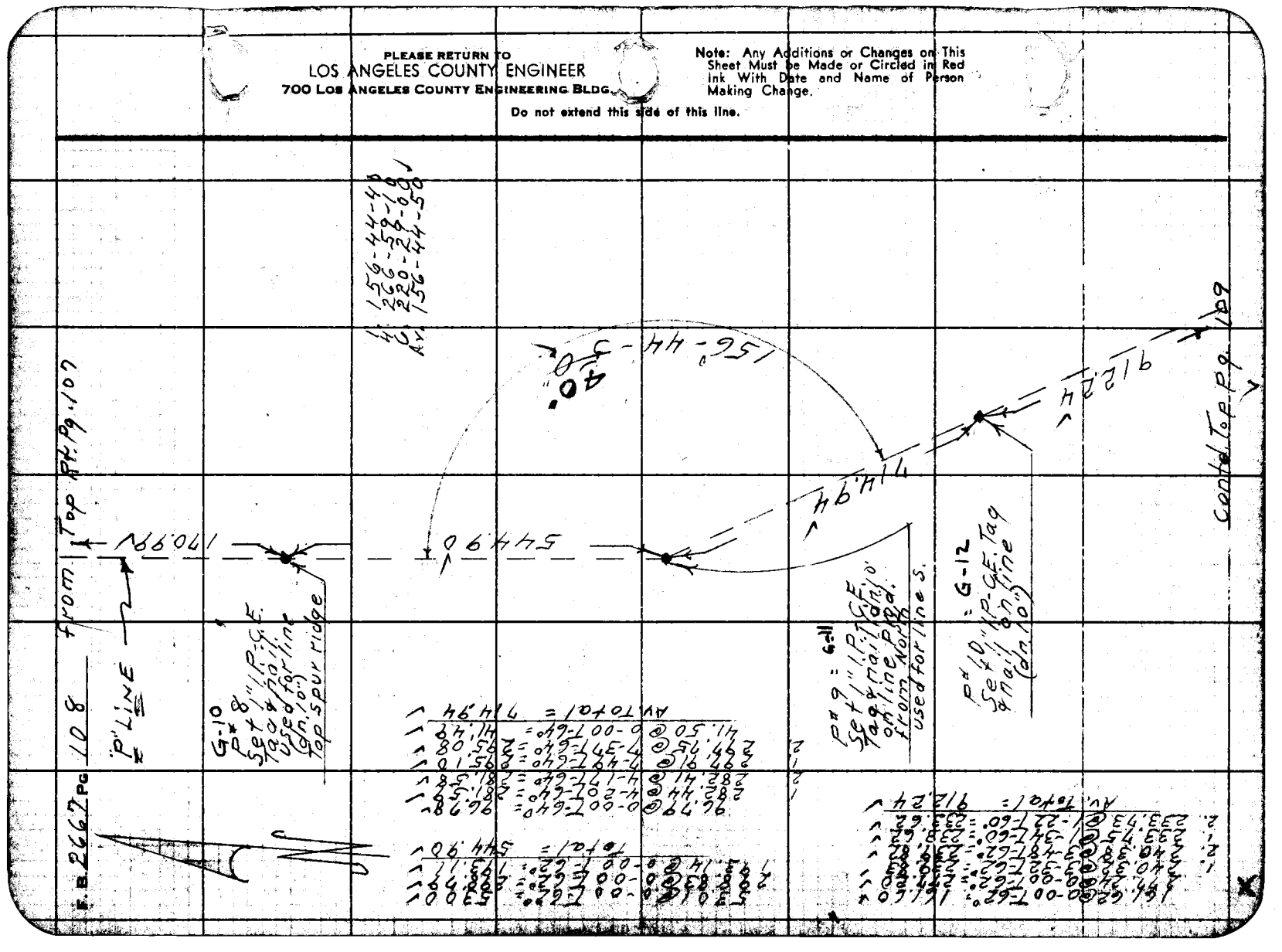

Notes Ck'd by H. E. AUSTIN	Survey of Grand Ave	F. B. 2667 Pg. 109
Map No.	JN 007420 Tape 164 Std. °F	
Office Work	Surveyed by D.E. Holmes	
Checked	Notes Holmes Date 12-19-60	
Date	Indexed H. E. OR DEC 28 '60	

from Top Pg. 108

"P" LINE

1. 102-21-20
4. 49-25-30
6. 254-08-20
Av. 102-21-25

20"
21-25
102-21-25
154-59-25
912.24

P# 11 = G-13
Set 1" IP - C.E. Tag & nail
(dn. 12") Top of low saddle

1. 154-59-20
4. 259-57-50
6. 209-56-40
Av. 154-59-25

1. 183.92 @ 2°-28' T-76° = 183.74
2. 183.94 @ 2-39 T-76° = 183.73
1. 300.75 @ 4-16 T-78° = 299.95
2. 300.67 @ 3-58 T-78° = 299.94
1. 243.70 @ 2-41 T-76° = 243.42
2. 243.78 @ 2-54 T-76° = 243.44
1. 270.13 @ 1-21 T-76° = 270.04
2. 270.11 @ 1-14 T-76° = 270.04
197.22 @ 0-00 T-76° = 197.21
45.53 @ 0-00 T-66 = 45.52
Av. Total = 1239.87

1239.87

Contd. Top Pg. 110

To Pg. 112

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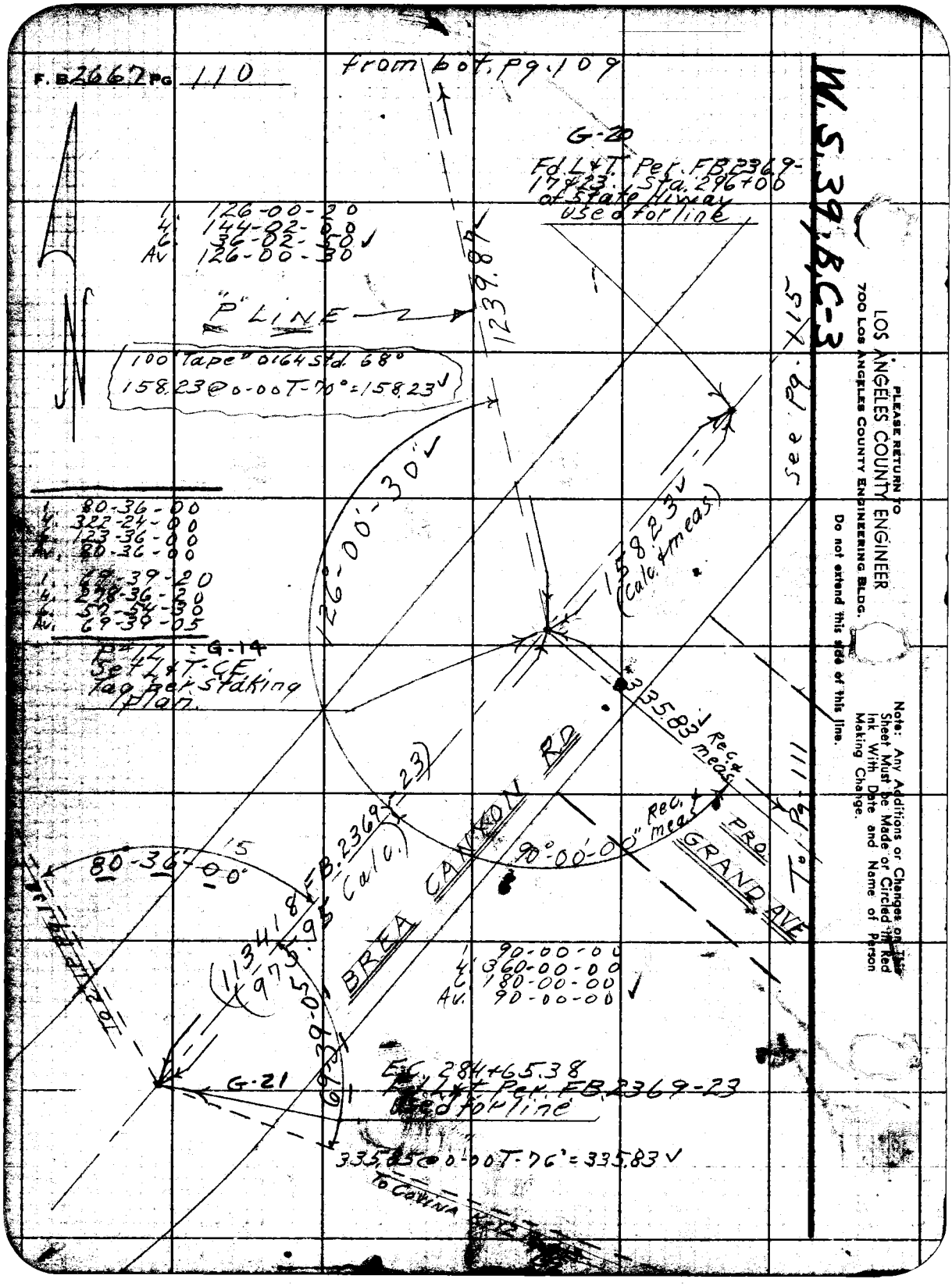
76F3098 S&E #247 11-58


F.B. 2667 PG 110
from bot. pg. 109
G-20
Fd. L&T. Per. FB 2369-17 & 23. Sta. 296+00 of State Hiway used for line
1. 126-00-20
4. 144-02-00
6. 36-02-50
Av. 126-00-30
"P" LINE
1239.84
100' Tape #0164 Std. 68°
158.23 @ 0-00 T-70° = 158.23
126°-00'-30"
158.23 (Calc. & meas)
See pg. 115
1. 80-36-00
4. 322-24-00
6. 123-36-00
Av. 80-36-00
1. 69-39-20
4. 278-36-20
6. 57-54-30
Av. 69-39-05
P#12 = G-14
Set L&T-CE
Tag per staking plan
335.83 Rec. & meas.
To Pg. 111
BREA CANYON RD
90°-00'-00" Rec. & meas.
PRO GRAND AVE
80-36-00
15
(113418 FB 2369-23)
(975.95 Calc.)
69-39-05
1. 90-00-00
4. 360-00-00
6. 180-00-00
Av. 90-00-00
G-21
E.C. 284+65.38
Fd. L&T. Per. FB 2369-23
used for line
335.85 @ 0-00 T-76° = 335.83
To Covina
W.S. 39, B.C-3
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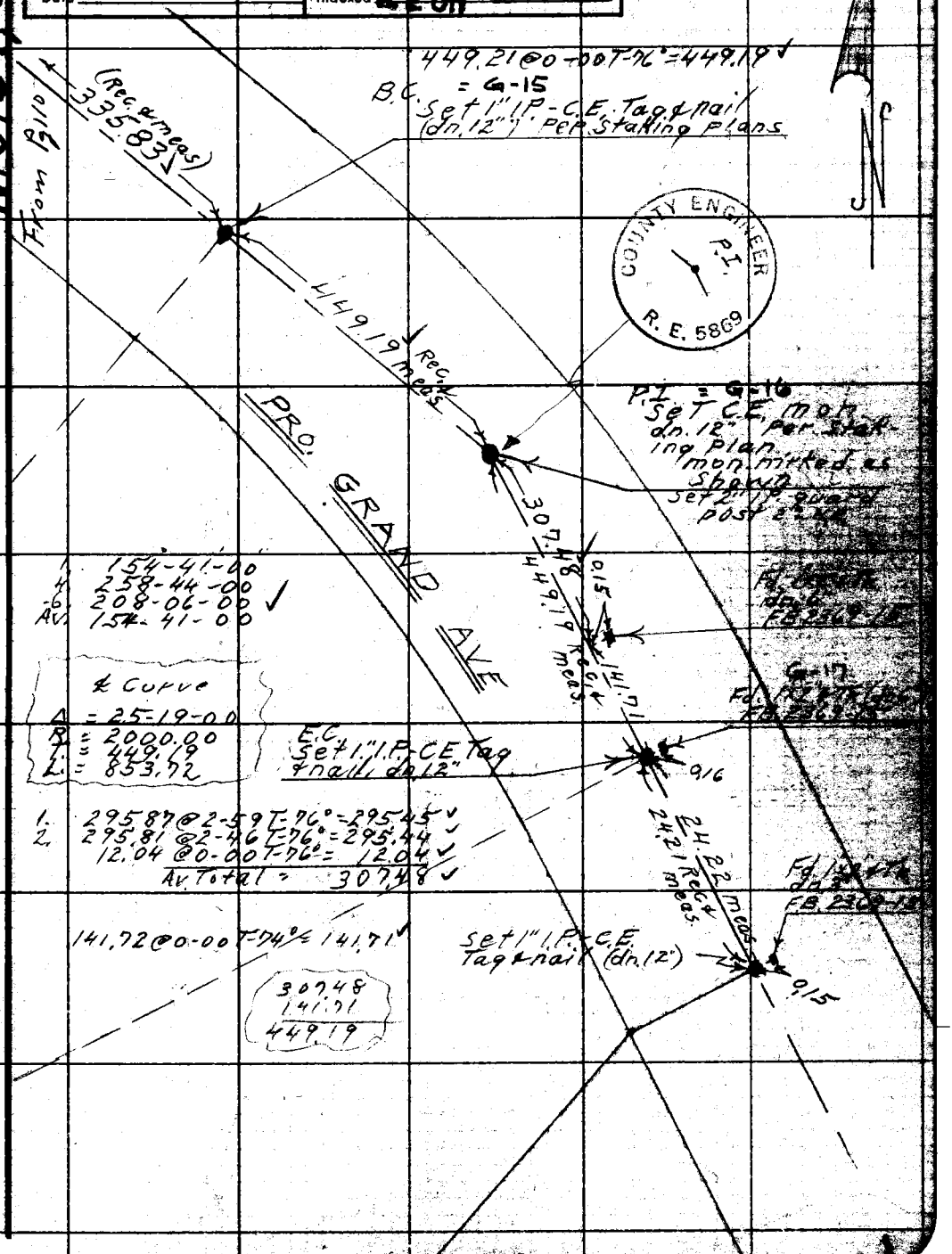
Notes Ck'd by N. E. AUSTIN	Survey of Grand Ave	F. B. 2667 Pg. 111
Map No.	JN 0074.20 Tape 164 Std 84 °F	
Office Work	Surveyed by D.E. Holmes	
Checked	Notes Holmes Date 12-21-60	
Date	Indexed R. E. 011 DEC 28 '60	

W.S. 39, C-3



1. 154-41-00
4. 258-44-00
6. 208-06-00
Av. 154-41-00

℄ Curve
Δ = 25-19-00
R = 2000.00
T = 449.19
L = 853.72

1. 295.87 @ 2-59 T-76° = 295.45
2. 295.81 @ 2-46 T-76° = 295.44
12.04 @ 0-00 T-76° = 12.04
Av. Total = 307.48

141.72 @ 0-00 T-74° = 141.71

307.48
141.71
449.19

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7EF3088 S&E #247 11-58

F. B. 2667 Pg. 112

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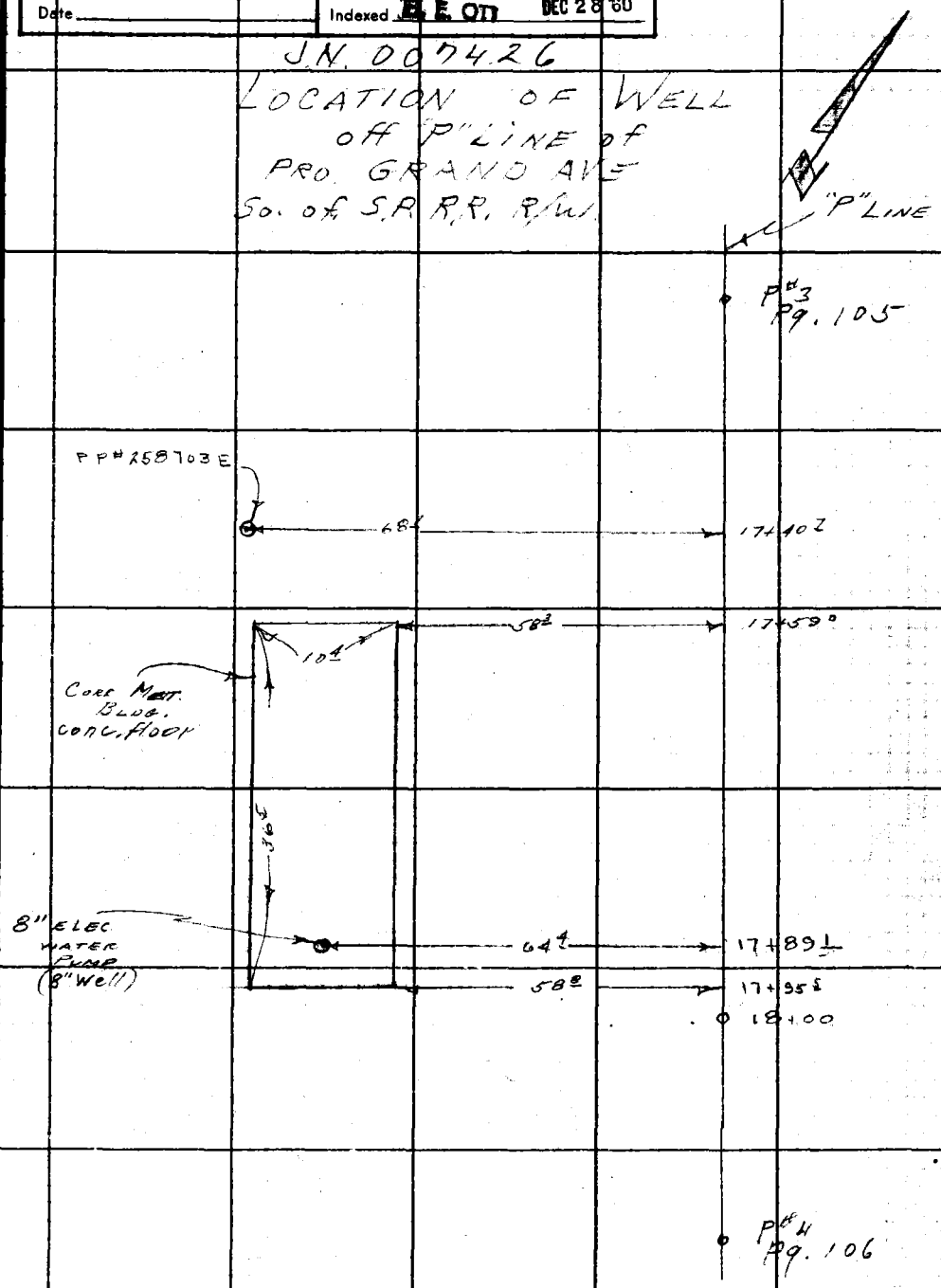
Notes Ck'd by	Survey of GRAND AVE	F. B. 2667 Pg. 113
Map No.	JN 0074.20 Tape Std °F	
Office Work	Surveyed by D.E. HOLMES	
Checked	Notes M.A. WALSH Jr Date 13-30-60	
Date	Indexed B.E. OTT DEC 28 '60	

J.N. 007426

LOCATION OF WELL
off "P" LINE of
PRO. GRAND AVE
So. of S.P. R.R. R/W.



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7SF209S S&E #247 11-58

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F. B. 2662 PG 114

NOTES RED _____ JOB NO. 0074-20 SURVEY OF Grand Ave

DATE _____ SURVEY BY D. E. Holmes

NOTES CHKD C. J. GALLI NOTES BY M. A. Wassink DATE 12-13-60

DATE 3-1-61 INDEXED H. E. O. DATE DEC 28 60

F. B. 2667 PG. 115

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LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						J.N. 0074.20
						Baker Levels
						L.A.
						Grand Ave
					—	
				Instrument # Lunar Rods #27-28		

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM	604.228					B.M. 11-95 EL 604.228
	8.841		8.780			Valley Blvd., La Puente Rd &
	613.069	+ 4.747	+4.748			San Jose Hills Rd.
	4.094		4.032			C.S. Mon in well with cover
						dn 26"
BM	608.975					BM EL FB 2667-112
	3.019		2.977			PI #21-A
	611.994	- 3.410	- 3.411			C.E. Mon dn 8"
	6.429		6.388			FB 2667-104
TP	605.565					
	2.762		2.698			
	608.327	- 2.936	- 2.934			
	5.698		5.632			
T.P	602.629					
	3.015		2.957			
	605.644	-2.215	-2.214			
	5.230		5.171			
TBM	600.414					G-1 TBM EL FB 2667-112
	4.920		4.868			P#1 FB 2667-105
	605.334	+0.066	+0.064			1"z - C.E. Tag & N dn 12"
	4.854		4.804			use the well
T.P	600.480					
	5.099		5.031			
	605.579	-0.377	-0.379			
	5.476		5.410			
T.P	600.103					
	2.427		2.388			
	602.530	-0.239	-0.236			
	2.666		2.624			
TP	599.864					

JOB NO. 00420 SURVEY OF Grand Ave NOTES RED.
SURVEY BY D. E. Holmes DATE
NOTES BY M. A. Walsh Jr. DATE 12-13-60 NOTES CHKD C. J. Galli
INDEXED DATE DATE 3-1-61

F.B. 2667 PG. 116

768420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	599.864					
	6.458		6.351			
	606.322	+0.274	+0.271			
	6.184		6.080			
TBM	600.138					G-2 TBM EL FB 2667-113
	5.248		5.121			1"H 2 FB 2667-105
	605.386	+0.679	+0.680			1"I.P. C.E. Tag & Nail dr 14"
	4.569		4.441			use the nail
BM	600.817					BM EL FB 2667-113
	4.941		4.890			2"I.P. L.S. 2508 p 105
	605.758	+0.022	+0.023			51.34 So & 50' E of P#3
	4.919		4.867			use Br. nail G-18
T.P.	600.839					
	5.259		5.223			
	606.098	+0.859	+0.860			
	4.400		4.363			
T.P.	601.698					
	4.958		4.908			
	606.656	+0.338	+0.336			
	4.620		4.572			
TP	602.036					
	2.893		2.782			
	604.929	-2.195	-2.192			
	5.088		4.974			
BM	599.841					BM EL FB 2667-113
	10.639		10.603			2"I.P. RE.4823 p.106
	610.480	-0.542	-0.542			50' E of P#4 dr 5"
	11.181		11.145			
TP	599.299					

NOTES RED. JOB NO. 007420 SURVEY OF Grand Ave
DATE SURVEY BY D.E. Holmes
NOTES CHKD. C.J. GALLI NOTES BY M. Abbalsack DATE 12-13-60
DATE 3-1-61 INDEXED H.E. OTT DATE DEC 28 '60

F.B. 2667 Pg. 117

768420 S & E-353 9-55

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JOB NO. 007420 SURVEY OF Grand Ave
SURVEY BY D.E. Holmes
NOTES BY M.A. Walsh Jr. DATE 12-16-60
INDEXED DATE
NOTES RED. DATE
NOTES CHKD. C. I. Galli DATE 3-1-61

B.M.	1st RUN	DIFF.	2nd RUN	3rd RUN	ADJ. ELEV.	DESCRIPTION
TP	599.299					
	5.441		5.693			
	604.740	+5.250	+5.249			
	0.191		0.444			
TP	604.549					
	7.493		7.463			
	612.042	+3.551	+3.551			
	3.942		3.912			
TBM	608.100					G-8 TBM EL FB 2667-114 P# 61" I.P.C.E. Tag & N 32+05.97 FB 2667-107
	8.812		8.687			
	616.912	+3.781	+3.779			
	5.031		4.908			
TP	611.881					
	4.557		4.493			
	616.438	-2.644	-2.643			
	7.201		7.136			
TP	609.237					
	2.172		2.138	2.092		
	611.409	+1.709	+1.713	+1.714		
	0.463		0.425	0.378		
TP	610.946					
	8.913		8.828			
	619.859	+1.580	+1.581			
	7.333		7.247			
BM	612.526					G-19 BM EL FB 2667-114 C.S. Mon 1/4 Sec. Cor. Tp. mon. FB 2667-107 Use No. Edge. Bk. Cap
	11.769		11.863			
	624.295	+11.531	+11.530			
	0.238		0.333			
	624.057					

F.B. 2667 PG. 118

765420 S & E-353 9-55

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900 LOS ANGELES COUNTY ENGINEERING BLDG.

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NOTES RED JOB NO. 6624.22 SURVEY OF Grand Ave
DATE SURVEY BY E. E. Gurney
NOTES CHKD. C. J. GALLI NOTES BY W. H. Hatch Jr. DATE 12-16-60
DATE 3-1-61 INDEXED DATE DEC 28 '60

F. B. 1667 Pg. 119

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	624.057					
	11.936		11.911			
	635.993	+11.319	+11.318			
	0.617		0593			
TP	635.376					
	11.931		11.950			
	647.307	+10.978	+10.977			
	0.363		0.923			
TBM	646.354					G-9 TBM EL FB 1667-115 [illegible]
	11.982		11.932			
	658.336	+11.386	+11.385			
	0.596		0.547			
TP	657.740					
	11.724		11.601			
	669.464	+11.280	+11.280			
	0.424		0.321			
T.P.	669.040					
	10.041		10.019			
	679.104	+8.515	+8.516			
	1.569		1.503			G-10 TBM EL FB 2[illegible] 115 PK 1"I.R. C.F. Set [illegible] 1667-115 used for V.L.
TBM	677.535					
	3.704		3.824			
	681.239	-2.507	-2.507			
	6.411		6.331			
TP	675.028					
	8.307		8.461			
	683.535	-1.134	-1.136			
	9.641		9.597			
T.P.	673.894					

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	673.891					
	4.614		4.561			
	678.508	-0.852	-0.852			
	5.466		5.413			
TBM	673.042					G-11
	5.143		5.096			TBM FL FB 2667-116
	678.185	+0.805	+0.805			PH 9 1" IP C.E. Tag & Nail dn 12"
	4.338		4.291			FB 2667-108
TP	673.847					
	2.922		2.869			
	676.769	-4.459	-4.462			
	7.381		7.331			
TP	669.388					
	0.358		0.322			
	669.746	-2.743	-2.741			
	3.101		3.063			
TP	666.645					
	10.917		10.812			
	677.562	+10.007	+10.010			
	0.910		0.802			
T.P.	676.652					
	10.938		10.902			
	687.590	+10.600	+10.600			
	0.338		0.302			
TP	687.252					

JOB NO. 007420 SURVEY OF Grand Ave
SURVEY BY D.E. Holmes
NOTES BY M.A. Walsh Jr DATE 12-26-60
INDEXED DATE
NOTES RED. DATE
NOTES CHKD. C. J. GALLI DATE 3-1-61

F.B. 2667 PG. 120

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	687.252					
	10.922		10.882			
	698.174	+9.754	+9.753			
	1.168		1.129			
TBM	697.006					G-12
	4.909		4.853			TBM EL FB 2667-117
	701.915	+0.270	+0.273			P# 10 1" I.P. C.E. Tag & Nail 12" dn
	4.639		4.580			FB 2667-108 Use the nail
T.P.	697.276					
	6.611		6.548			
	703.887	+4.708	+4.710			
	1.903		1.838			
T.P.	701.984					
	9.187		9.142			
	711.171	+8.585	+8.584			
	0.602		0.558			
T.P.	710.569					
	10.272		10.235			
	720.841	+6.470	+6.473			
	3.802		3.762			
T.P.	717.039					
	9.340		9.298			
	726.379	+4.989	+4.988			
	4.351		4.310			
TBM	722.028					G-13
	1.307		1.277			TBM EL FB 2667-117
	723.335	+0.229	+0.228			P#11 1" IP C.E. Tag & N dn 10"
	1.078		1.049			FB 2667-109
T.P.	722.257					

NOTES RED ____ JOB NO. 0074.20 SURVEY OF Grand Ave.
DATE ____ SURVEY BY D. E. Holmes
NOTES CHKD. C. J. GALLI NOTES BY M. A. Walsh Jr. DATE 12-19-60
DATE 3-1-61 INDEXED ____ DATE DEC 28 '60

F.B. 2667 PG. 121

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	722.257					
	9.508		9.463			
	731.765	+7.972	+7.972			
	1.536		1.491			BM EL FB 2667-118
SET B.M.	730.229					STD. C.E. MON w/BR. RIVIT CTR.
	0.546		0.512			MKD. B.M.
	730.775	-10.885	-10.885			55'N & 160'± W PH 11
	11.431		11.397			2" GUARD POST SET 2' W
T.P.	719.344					
	0.742		0.711			
	720.086	-10.661	-10.662			
	11.403		11.373			
T.P.	708.683					
	0.452		0.415			
	709.135	-11.366	-11.366			
	11.818		11.781			
T.P.	697.317					
	0.431		0.372			
	697.748	-11.116	-11.116			
	11.547		11.488			
T.P.	686.201					
	1.440		1.393			
	687.641	-10.117	-10.118			
	11.557		11.511			
TP	676.084					
	0.248		0.213			
	676.332	-3.990	-3.987			
	4.238		4.200			
TP	672.094					

JOB NO. 0074.20 SURVEY OF GRAND AVE NOTES RED.
SURVEY BY D.E. HOLMES DATE
NOTES BY M.A. WALSH JR. DATE 12-19-60 NOTES CHKD C.J. GALLI
INDEXED DATE DATE 3-1-61

F.B. 2667 PG. 122

768420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	672.094					
	8.197		8.166			
	680.291	+4.554	+4.555			
	3.643		3.611			
SET B.M.	676.648					B.M. EL. FB 2667 ~~119~~ 123
	3.564		3.534			BREA CN RD. SO. SIDE
	680.212	-4.630	-4.630			BT. SPK. IN CONC. 2.5' W. of W. END Conc. Hwy
	8.194		8.164			AT STA. 298+00 Per State Hiway
TP	672.018					
	5.281		5.238			
	677.299	+4.641	+4.640			
	0.640		0.598			
TP	676.659					
	11.727		11.708			
	688.386	+11.155	+11.156			
	0.572		0.552			
TP	687.814					
	11.778		11.744			
	699.592	+11.136	+11.135			
	0.642		0.609			
TP	698.950					
	11.768		11.742			
	710.718	+11.096	+11.098			
	0.672		0.644			
TP	710.046					
	11.960		11.915			
	722.006	+10.279	+10.276			
	1.681		0.639			
TP	720.325					

NOTES RED ____ JOB NO. 0074.20 SURVEY OF Grand Ave
DATE ____ SURVEY BY D.E. Holmes
NOTES CHKD C.J. GALLI NOTES BY M.A. Walsh Jr. DATE 12-19-60
DATE 3-1-61 INDEXED ____ DATE DEC 28 '60

F.B. 2667 PG. 123

768420 S & E-353-9-55

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	720.325					
	11.464		11.438			
	731.789	+9.896	+9.896			
	1.568		1.542			
BM	730.221					BM EL FB 2667-122
	0.900		0.872			STD. C.E. MON w/BR RIVT CTR
	731.121	-10.422	-10.423			MKD BM
	11.322		11.295			55'± N & 160'± W of P #11
TP	719.799					2" GUARD POST set 2' WEST
	1.089		1.038			
	720.888	-10.513	-10.510			
	11.602		11.548			
TP	709.286					
	0.431		0.398			
	709.717	-11.262	-11.263			
	11.693		11.661			
TP	698.024					
	0.659		0.601			
	698.683	-10.984	-10.982			
	11.643		11.583			
T.P.	687.040					
	0.451		0.396			
	687.491	-11.269	-11.266			
	11.720		11.662			
T.P	675.771					
	0.248		0.202			
	676.019	-11.585	-11.587			
	11.833		11.789			
T.P	664.186					

JOB NO. 00 74 20 SURVEY OF Grand Ave NOTES RED.
SURVEY BY D.E. Holmes DATE
NOTES BY M.A. Walsh Jr. DATE 12-20-60 NOTES CHKD. C. J. GALLI
INDEXED DATE DATE 3-1-61

F.B. 2667 PG. 124

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	664.186					
	1.203		1.180			
	665.389	-9.931	-9.931			
	11.134		11.111			
TP	654.255					
	0.710		0.690			
	654.965	-6.360	-6.358			
	7.070		7.048			
TP	647.895					
	2.858		2.840			
	650.753	-8.062	-8.060			
	10.920		10.900			
TP	639.833					
	1.938		1.869			
	641.771	-9.490	-9.491			
	11.428		11.360			
TP	630.343					
	1.822		1.748			
	632.165	-9.674	-9.673			
	11.496		11.421			
TP	620.669					
	~~3.612~~		~~3.570~~	~~3.533~~		
	~~624.281~~	~~-8.149~~	~~-8.137~~	~~-8.145~~		
	~~11.761~~		~~11.707~~	~~11.678~~		
	~~612.520~~					
TP	620.669					
	4.813		4.775			
	625.482	-0.369	-0.366			
	5.182		5.141			
TP	620.300					

NOTES RED ____ JOB NO. 0074.20 SURVEY OF Grand Ave
DATE ____ SURVEY BY D.E. Holmes
NOTES CHKD C. I. Galli NOTES BY M.A. Wolsh Jr. DATE 12-20-60
DATE 3-1-61 INDEXED H. E. Ott DATE 12 28 60

F.B. 2667 PG. 125

765420 S & E-353 9-55

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Do not extend notes this side of this line

JOB NO. 2274.20 SURVEY OF Pomona Area
SURVEY BY D.E. Vanderpool
NOTES BY M.A. Wilson Jr. DATE 12-20-60
INDEXED DATE
NOTES CHKD. C. J. GALLI DATE 3-1-61
NOTES RED. DATE

F.B. 2667 PG. 126

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	620.300					
	2.470		2.404			
	622.770	-7.785	-7.783			
	10.255		10.187			
B.M.	612.515					BM FD ... FB 2667-114-126
	2.455		2.413			C.S. Mon 1/4 Sec. Cor. ...
	614.970	-8.846	-8.847			FB 2667-107 Use No. EDGE Bo Cap
	11.301		11.260			
T.P.	603.669					
	0.841		0.788			
	604.510	-8.964	-8.963			
	9.805		9.751			
T.P.	594.705					
	1.543		1.517			
	596.248	-3.604	-3.606			
	5.147		5.123			
T.P.	591.101					
	4.542		4.524			
	595.643	-0.399	-0.399			
	4.941		4.923			
T.P.	590.702					
	3.200		3.152			
	593.902	-3.086	-3.087			
	6.286		6.239			
T.P.	587.616					
	9.262		9.232			
	596.878	-0.481	-0.482			
	9.743		9.714			
T.P.	587.135					

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	587.135					
	3.915		3.874			
	591.050	-1.045	-1.046			
	4.960		4.920			
T.P.	586.090					
	3.857		3.812			
	589.947	-1.125	-1.128			
	4.982		4.940			
T.P.	584.965					
	4.272		4.222	4.203		
	589.237	-1.177	-1.169	1.179		
	5.449		5.391	5.382		
TP	583.788					
	4.269		4.218			
	588.057	-0.397	-0.400			
	4.666		4.618			
T.P.	583.391					
	4.746		4.702			
	588.137	+0.102	+0.102			
	4.644		4.600			
TP	583.493					
	5.087		5.060	5.023		
	588.580	+1.857	+1.868	+1.865		
	3.230		3.192	3.158		
TP	585.350					
	5.081		5.036			
	590.431	-2.607	-2.604			
	7.688		7.640			
	582.743					

NOTES RED ____ JOB NO. 0074.20 SURVEY OF Grand Ave
DATE ____ SURVEY BY D. E. Holmes
NOTES CHKD. C. J. Galli NOTES BY M. A. Warren Jr. DATE 12-20-60
DATE 3-1-61 INDEXED ____ DATE ____

F.B. 2667 PG. 127

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	582.743					
	3.014		2.987			
	585.757	-3.069	-3.070			
	6.083		6.057			
TP	579.674					
	4.336		4.222	4.100		
	584.010	-1.904	-1.900	-1.900		
	6.240		6.122	6.000		
TP	577.770					
	4.718		4.677			
	582.488	-2.081	-2.083			
	6.799		6.760			
BM	575.689					BM EL 575.728 FB 2667-124 Valley Blvd & Drea Cn Rd 23'± S.W. ℄ Inter Valley Blvd & Drea Cn Rd & 21.5'± N.W. ℄ Valley Sto C.S. Mon w/ Br. Rivit in ctr in well dn 10"

JOB NO. 007420 SURVEY OF Grand Ave NOTES RED.
SURVEY BY D.F. Holmes DATE
NOTES BY M.A. Walsh Jr DATE 12-20-60 NOTES CHKD C.J. Gally
INDEXED DATE DATE 3-1-61

F.B. 2667 PG. 128

F. B. 2667 Pg. 129

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2074-20 Division No. 11

Date ____ Date ____ Survey of GRAND AVE.

X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L.E. HUGHES Notes M.A. WEISS Date 12-14-60

Date ____ Date ____ Map No. ____ Indexed H.E.O.T. Date DEC 28 '60

PROFILE OF

Prop. GRAND AVE "P" LINE

So. FROM VALLEY BLVD.

TO

600' ± S/y L.A. & S.L. R.R.

U.P. R.R.

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

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

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PLEASE RETURN TO
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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
BM	2 51	611 49		608 98	BM EL.608.98 FB 2667-116 P.I. #21 A C.E. Mon dn 8" FB 2667-104
0+00			2 51	608.98	Tp C.E. Mon
"			2 1	609.4	Grd
0+27			2 0	609.5	Tp brk
0+31			3 3	608.2	Bot " field
1+00			4 4	607.1	field
1+14			4 53	606 96	Ed pvmt
1+29.5			4 90	606 59	tp asphalt curb
1+30			5 30	606 19	Bot " curb edge traveled Rd
1+54.0			5 34	606 [illegible]	ctr Rd
1+84.5			5.86	605.63	Ed. Pvmt
1+91			6.68	604.81	" oiled pvmt.
1+95			7.4	604.1	Gutter
2+00			7.7	603.8	
2+14			5.8	605.7	Brk
2+16			6.6	604.9	Bot Brk field
3+00			7.7	603.8	field
TP			7 72	603.77	

F. B. 2667 Pg. 130 Job No. 0074.20 Division No. 11 Notes Red. Plotted Profile
Survey of Grand Ave Date Date No. X-Sec.
Survey by D.E. Holmes Notes M.A. Walsh Jr. Notes Chkd. Checked No.
Indexed Date Date Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
TP	099	604 76		603.77		
4+00			1.9	602.9	field	
4+83			5.4	599.4	Brk.	
5+00			4.4	600.4		
5+15			[illegible]	599.8	Tp [illegible]	
[illegible]			[illegible]	592.8	Brk [illegible]	
5+38			21.3	583.5	Bot STREAM	
5+47			21.3	583.5	" "	
5+75			3.5	601.3	Tp Brk So edge [illegible]	
6+00			3.8	601.0	field	
TBM 6+31.39			4.35	600.41	TBM [illegible] 600.41	FB 2667-116
	500	605 41			P#1 1" IP C.S. [illegible]	Pg-105
6+[illegible]	[illegible]		4.0	601.4	FB 2667-105	
7+00			4.7	600.7	field	
8+00			4.8	600.6		
9+00			[illegible]	600.6	"	
10+00			5.0	600.4		
11+00			[illegible]	600.3	"	
TP 12+00			6 10	599 31	TP	
	030	599 61				

Profile Notes Red ____ Plotted ____ Job No. 0074 20 Division No. 11 F. B. 2667 Pg. 131
No. ____ Date ____ Date 12-14-60 Survey of Grand Ave
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date DEC 28 '60

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		599 61				
13+00			1 6	598 0	field	
13+30			2 6	597.0	Tp. Brk	
13+50			10 4	589.2	Bot "	
13+75			12 7	586.9	Top Brk No. side stream	
13+85			17 0	582 6	Brk in bank	
13+90			17 7	581 9	Brk above stream	
13+93			20 0	579 6	Bot stream	
14+09			20 0	579 6	" "	
TP	7 11	605 72	1 00	598.61		
14+30			6 8	598.9	Tp Brk So. side stream	
15+00			5 5	600.2	dirt drwy	
15+06			5 6	600.1	Tp. Brk	
15+09			6 5	599.2	Bot "	
15+35			7 [illegible]	598.1	Brk	
15+42			6 3	599.4	"	
15+47			4 2	601.5	Tp Brk	
TBM 15+47.74			5 57	600.15	TBM EL 600.138	FB 2667-117
					P#2 1" IP [illegible]	
					FB 2667-105	

F. B. 2667 Pg. 132
Survey of Grand Ave Job No 0074.20 Division No 11 Notes Red. Plotted Profile
Survey by [illegible] Notes M.A. Warren Date Date No. X-Sec.
Indexed Date Notes Chkd. Checked Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
TBM						
154+17.4	5.70	605.54		600.14	TBM ES 600.188	FB 1667- 105
					1"=2 1.2 S.C. Tot FW 0.2	G-2
					FB 2667-105	
154.50			4.5	601.5	Bot SW Lt AST	
[illegible]			2.7	603.1	Top	
154+55.85			1.97	[illegible] 87	Top [illegible]	
154+55.85			3.70	602.14		300'R To No. Rail
154+[illegible]			[illegible]	605.29	235'L Top No. Rail	370 " " "
154+60.44			1.96	603.83	Top [illegible]	
154+[illegible]			3.70	602.14		300'R. To [illegible]
154+60.44			0.31	605.43	235'L To [illegible]	
154+62			2.8	603.0	Top Concrete	
154+67			4.0	601.8	Bot "	
154+69			4.3	601.5	Bot	
154+73			5.9	599.9	Bot	
154+78			7.1	599.7	Bot	
154+80.26			6.4	600.4		
164+15			5.3	600.5	Bot	
164+[illegible]			4.35	601.09	N. Rail Spike	
164+[illegible]			4.81	601.03	S. " "	

Profile Notes Rod____ Plotted____ Job No 76667 Division No. 11
No.____ Date____ Date____ Survey of____
X-Sec. Notes Chkd.____ Checked____ Survey by____ Notes [illegible] Date____
No.____ Date____ Date____ Map No.____ Indexed B.E. Off Date 5-28-80

F.B. 2667 PG. 105

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		605 84				
[illegible]			6 5	599.3	Top Bed	
16+50			7 2	598 6	[illegible]	
[illegible]			[illegible]	[illegible]	" "	
16+65			4 4	601 4	Top Bed	
16+73			6 2	[illegible]	[illegible]	
17+00			6 4	[illegible]	[illegible]	
TP 18+00			6 79	599.05	TP [illegible]	
	4 74	603 79				
19+00			4 5	599.3	field	
20+00			4 8	599.0	"	
21+00			4 0	599.8	"	
TP 22+00			3 68	600 11	TP	
	4 90	605 01				
23+00			4 8	600.2	field	
24+00			4 8	600.2	"	
25+00			4 8	600.2		
26+00			5 0	600.0		
26+33.85			4 3	600.7		
TP 26+33.85			4 87	600.14	TP P#4 1"x2"	EB 2667-106
	10 84	610 98				

G-5 X

F. B. 2667 Pg. 134 Job No. 0074.20 Division No. 11 Notes Red. Plotted Profile
Survey of Grand Ave Date No. X-Sec.
Survey by [illegible] Notes [illegible] Notes Chkd. Checked
Indexed Date Date No.

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		610 98				
26+41			10 8	600 2	Tp Brk	
26+46			14 0	597.0	Bot "	
26+50			14 0	597 0	Bot Ditch	
26+64			13 7	597 3	Bot Brk	
26+79			5 0	606 0	Tp. "	
26+82			4 4	606.6	Bot Ballast	
26+85.5			3 3	607 7	Top "	
26+87.3			2 56	608 42	Top No. Rail	
26+87.3			5 30	605 68		300' R Top No. Rail
26+87.3			0 00	610 98	260'L Top No. Rail	
26+92.00			2 50	608 48	Top So. Rail	
26+92.00			5 29	605 69		300' R Top So. Rail
26+92.00			0 00	610 98	260'L Top So. Rail	
26+93.5			3 2	607 8	Tp. Ballast	
26+97.0			4 3	606 7	Bot "	
P#5 26+99.3			5 71	605 27	P#5 Top 1" IP	CB 2667-106 G-7
27+01			5 1	605 9	Top Brk.	
27+18			14 3	596 7	Bot "	
27+42			15 3	595.7	Bot Brk	

Profile Notes Red. ____ Plotted ____ Job No. 0074.20 Division No. 11 F. B. 2667 Pg. 135
No. ____ Date ____ Date ____ Survey of Grand Ave
X-Sec. Notes Chkd. ____ Checked ____ Survey by D.L. Holmes Notes M.A.W. Date 10-11-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. Cry Date DEC 28 '60

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		610 98				
27+50			10 9	600 1	Top Brk	
28+00			11 7	599 3	Grd	
TP			11 68	599 30	[illegible]	
	11 10	610 40				
28+75			11.2	599.2	[illegible]	
29+00			10.2	600.2	[illegible]	
30+00			6 4	604.0	"	
31+00			3 2	607.2	"	
32+00			1 1	[illegible]	[illegible]	
32+05.87			1 3	609.1	Grd	
TBM 32+05.87			2 29	608.11	TBM EL 608.100	FB 2667-118
					P#6 1" I.P. C.E. Tag & N to 12" Pg. 107	
					FB 2667-106 G-8	

F. B. 2667 Pg. 136 Job No. C074.20 Division No. 11 Notes Red. Plotted Profile
Survey of GRAND AVE Date Date No.
Survey by D.E. HOLMES Notes M.A. Walsh Jr. Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

Notes Ck'd by H. Austin	Survey of Grand Ave.
Map No.	JN 00 74 20 Tape Std °F
Office Work	Surveyed by D.E Holmes
Checked	Notes Holmes Date 1-27-61
Date	Indexed H. E. OTT

F. B. 2667 PG. 137

J.N. 00 74.20
GRAND AVE

GEODETIC TIES
TO
PROPOSED GRAND AVE.

Holmes
Walsh
Henderson
Brown

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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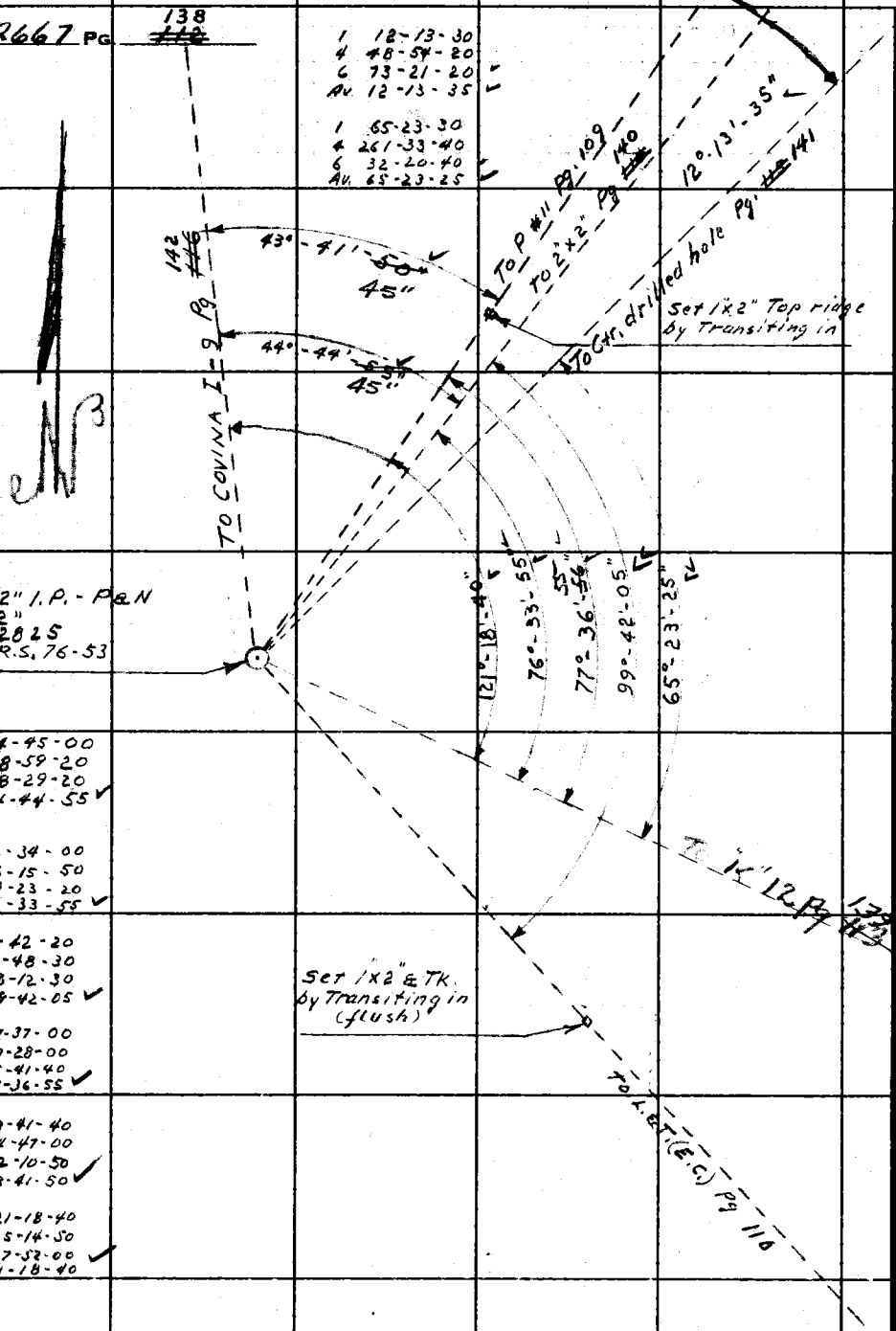
76F3098 SEE #247 11-58

F. B. 2667 Pg. 138 ~~112~~

1 12-13-30
4 48-54-20
6 73-21-20
Av. 12-13-35

1 65-23-30
4 261-33-40
6 32-20-40
Av. 65-23-25



1 44-45-00
4 178-59-20
6 268-29-20
Av. 44-44-55

1 76-34-00
4 306-15-50
6 99-23-20
Av. 76-33-55

1 99-42-20
4 38-48-30
6 238-12-30
Av. 99-42-05

1 77-37-00
4 310-28-00
6 105-41-40
Av 77-36-55

1 43-41-40
4 174-47-00
6 262-10-50
Av. 43-41-50

1 121-18-40
4 125-14-50
6 367-52-00
Av 121-18-40

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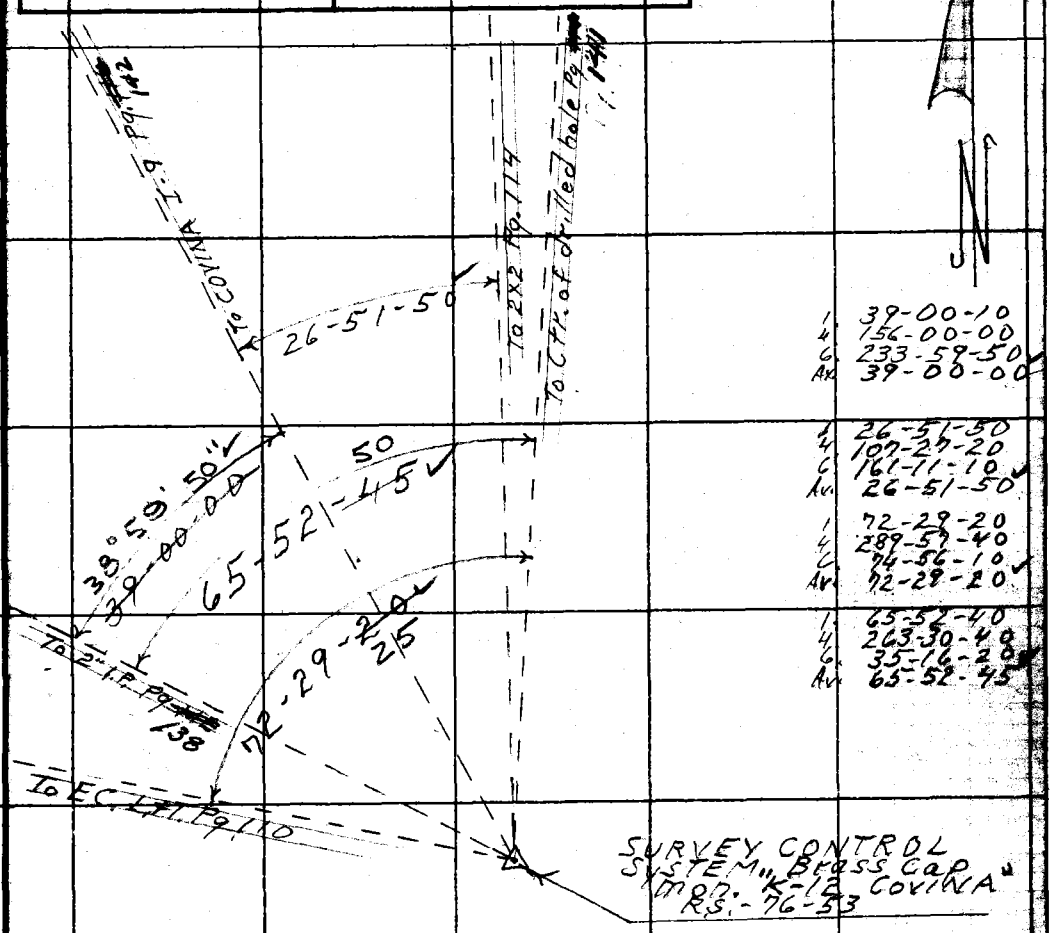
Notes Ck'd by H. Austin
Map No.
Office Work
Checked
Date

Survey of GRAND Ave
JN 007420 Tape Std °F
Surveyed by D.E. Holmes
Notes Holmes Date 1-20-61
Indexed H. E. OTT

F. B. 2662 Pg. ~~43~~



1	39-00-10
4	156-00-00
6	233-59-50
Av.	39-00-00

1	26-51-50
4	107-29-20
6	161-11-10
Av.	26-51-50

1	72-29-20
4	289-57-40
6	74-56-10
Av.	72-29-20

1	65-52-40
4	263-30-40
6	35-16-20
Av.	65-52-45

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76F3095 SAE #247 11-60

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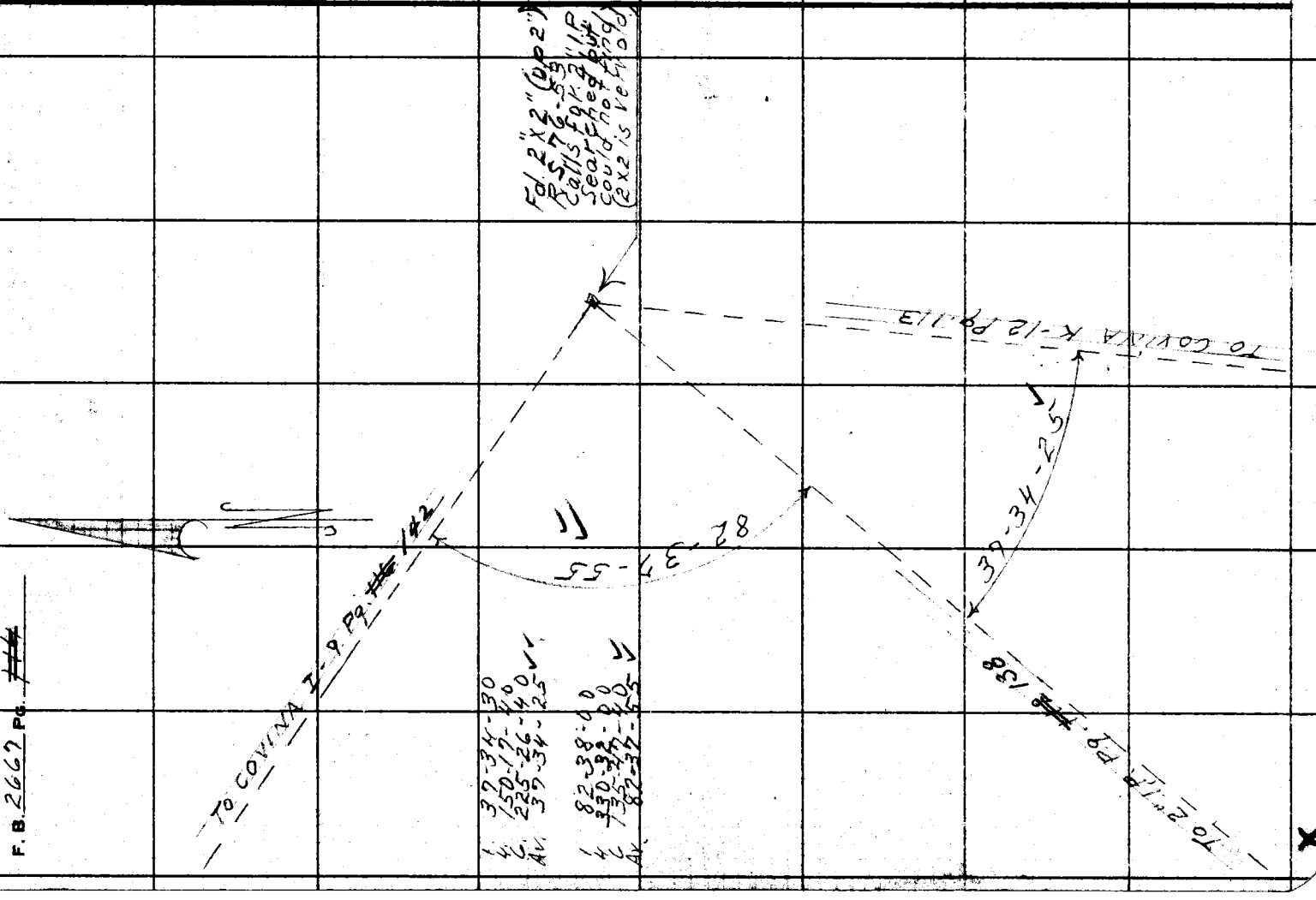


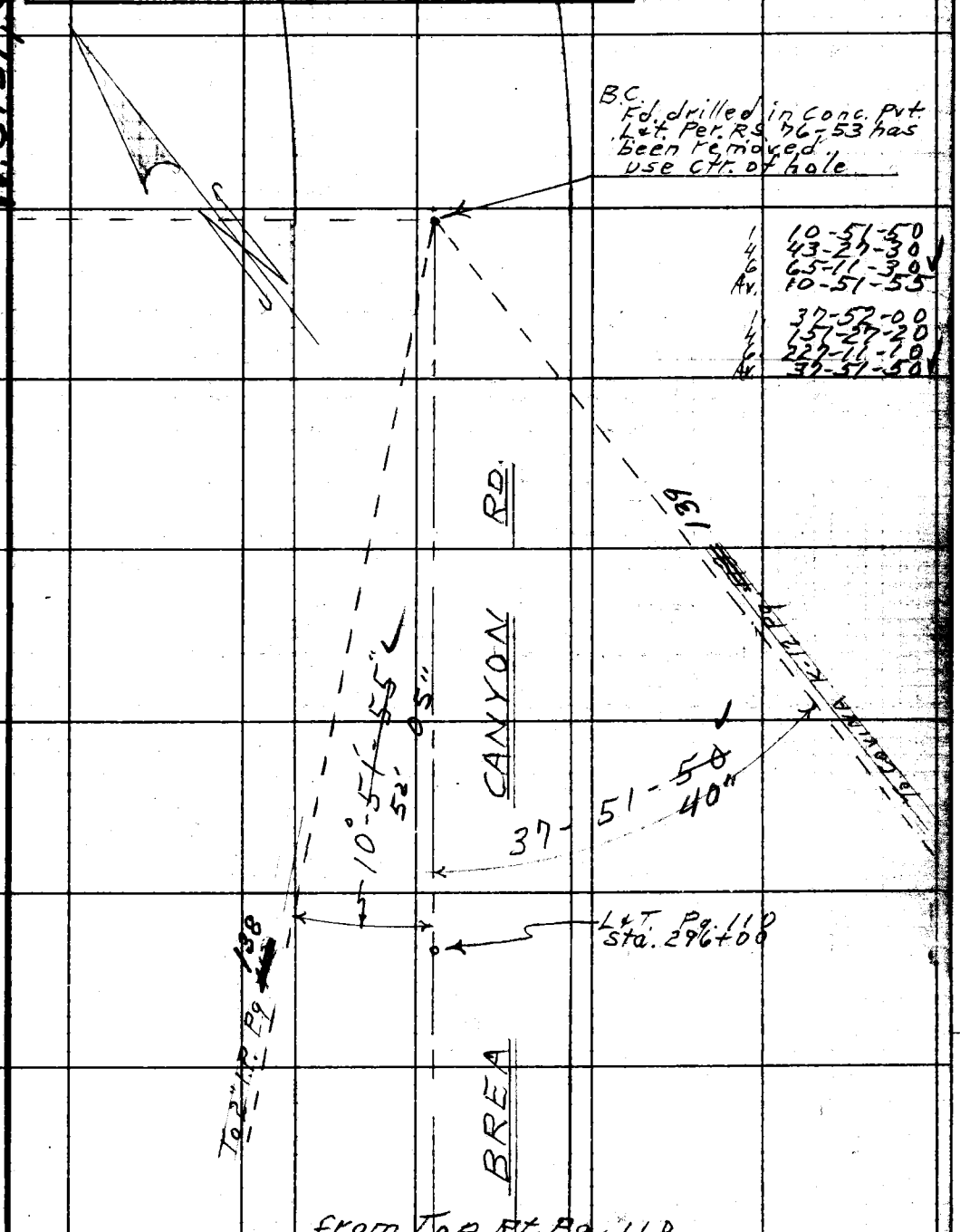
F.B. 2662 Pg. ###

140

W.S. 39, C-3

Notes Ck'd by H. Austin	Survey of Grand Ave
Map No.	JN 007420 Tape Std °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes Holmes Date 1-24-61
Date	Indexed H. E. Ott

F. B. 2667 PG. ~~115~~ 141



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76F3095 S&E #247 11-58

142

F.B. 2667 Pg. ~~116~~

W.S. 39, B-2

604.228 1952

604.291 1959

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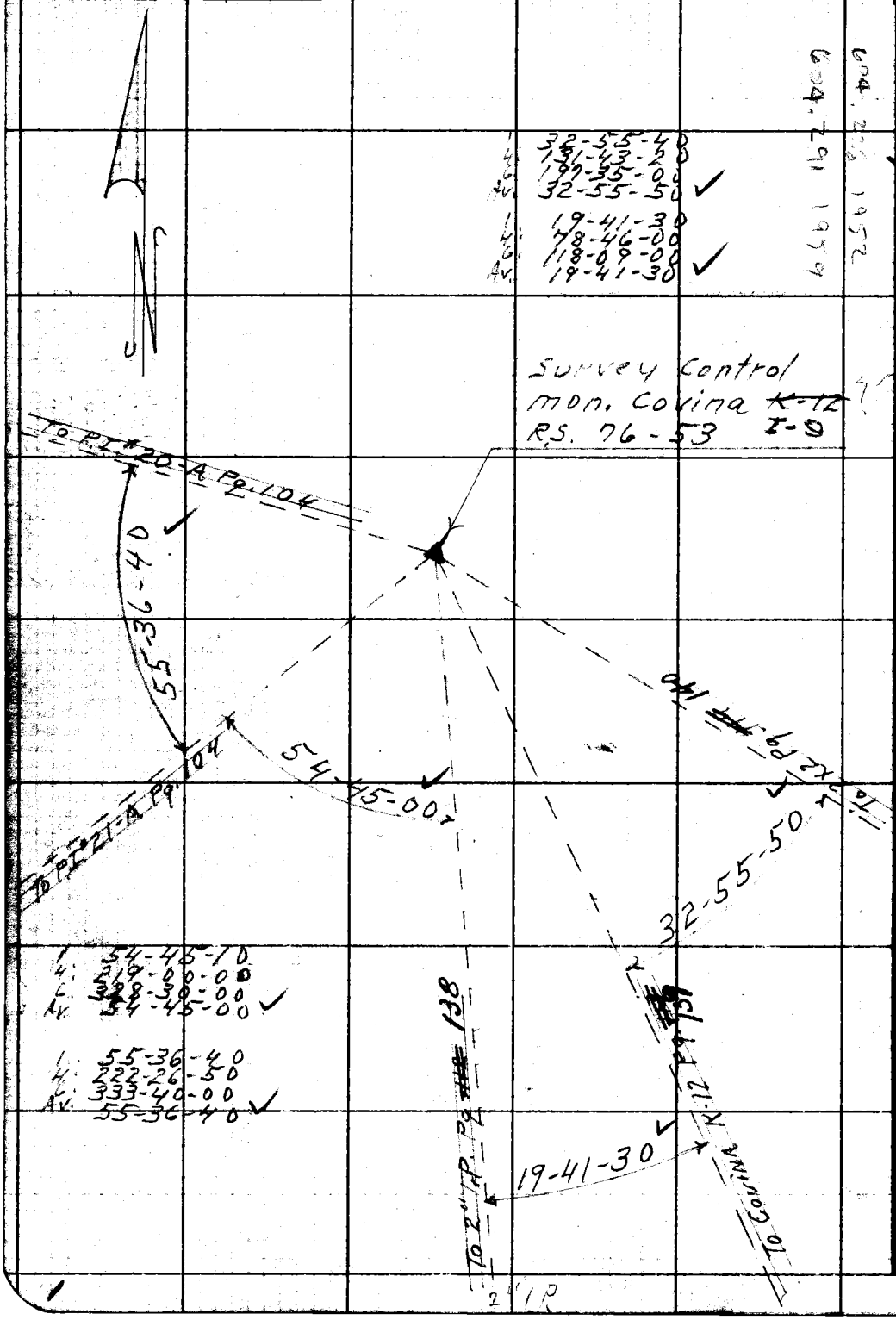

Profile No.	Notes Red.	Plotted	Job No. 6074.20	Division No.
	Date	Date	Survey of Grand Ave	
X-Sec. No.	Notes Chkd.	Checked	Survey by M.A. Walsh Jr.	Notes M.A.W. Date 3-13-61
	Date	Date	Map No.	Indexed H. E. OTT Date APR 13 '61

F. B. 2667 Pg. 143

PROFILE OF GRAND AVE

FROM 600' No. of G-9 So. TO BREA CANYON Rd.

M.A. Walsh Jr.
J.E. Henderson
D.L. Brown

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

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM G-19	2 88	615 41		612 53		Pg 107, 118
0+00			10 1	605 3		
+50			10 3	605 1	Toe Slope	G 9 - #7
1+00			7 6	607 8	Side Hill	646.35
+50			3 8	611 6	" "	
2+00			1 2	614.2	" "	
+50			0 6	614 8	" "	
3+00			1 0	614 4	" "	
+50			2 8	612 6	" "	
4+00			6 5	608 9	" "	
4+10			6 9	608.5	B. D.	
4+50			2 8	612 6	Side Hill	
TP	10 99	625 26	1 14	614 27		
5+00			3 3	622 0	" "	
TP	11 89	636 79	0 36	624 90		
5+50			3 6	633.2	side hill	
TP	11 26	647 59	0 46	636 33		
TBM G-9						
6+00	11 69	658 04	1 24	646 35	TBM G-9 EL 646.354 FB 2667-107-119 Grd up 12	
T.P.	11 45	668 85	0 64	657.40		
6+50			7 9	661.0		
T.P			0 54	668 31		

F. B. 2667 Pg. 144 Job No 207420 Division No. Notes Red. Plotted Profile
Survey of Grand Ave Date Date No. X-Sec.
Survey by M.A. Walsh Notes M.A. Walsh Notes Chkd Checked
Indexed B. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
TP	207	680 38		668 31		
7+00			9 5	670 9	BRK Side Hill	
7+50			3 2	677 2		
7+70.99			2 2	678 2	Tp	
T.P. 7+70.99	1 96	679 50	2 84	677 54	G-10 TBM 677.535	FB 2667-108-119
8+00			1 3	678 2	Brk Side Hill	
8+50			5 4	674 1	Side Hill	
9+00			9 7	669 8	" " Swail	
TP	0 53	668 33	11 70	667 80		
9+50			2 2	666.1	Side hill	
10+00			7 9	660.4	" "	
10+40			12 6	655.7	B. Drain & Toe Slope	
10+50			12 6	655.7	" "	
10+58			11 6	656 7	Brk	
T.P.	11 74	679 56	0 51	667.82		
11+00			8 9	670 7	Brk Side Hill	
+50			4 8	674 8	side Hill crown	
12+00			8 2	671 4	Side Hill	
12+22			9 3	670 3	Bot Swail	
+50			8 3	671 3	side Hill	
X 13 +00			5 7	673 9		
TP G-11 13+15.89			6 52	673 04	G-11 TBM El. 673-042	FB 2667-108-120

Profile Notes Red. ____ Plotted ____ Job No. 0074.20 Division No. ____ F. B. 2667 Pg. 145
No. ____ Date ____ Date ____ Survey of Rand Ave
X-Sec. Notes Chkd. ____ Checked ____ Survey by M.A. Walsh Notes M.A.W. Date 3-13-61
No. ____ Date ____ Date ____ Map No. ____ Indexed E. OTT Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
G-11 13+15.89	4 16	677 20		673 04	TBM G-11 EL 673.042	FB 2667-108-120
13+15.89			3 7	673.5	Grd	
13+50			0 2	677 0	side Hill	
14+00			0 8	676 4	" "	
14+50			4 9	672 3	" "	
15+00			9 9	667 3	" "	
T.P.	0 48	665 80	11 88	665 32		
15+50			3 8	662 0	Side Hill	
16+00			9 3	656 5		
TP	5 90	660 23	11 47	654 33		
16+50			7 00	653 2		
16+70			7 2	653 0	Tp Bank	
16+83			8 7	651 5	Bot " Ed. Road	
17+00			8 7	651 5	Tp. Bank " "	
17+19			9 1	651 1	Brk Tp Drain	
17+30			11 0	649 2	Bot Drain	
17+42			10 1	650 1	" "	
17+50			8 7	651 5	side Bank	
17+55			6 7	653 5	Tp. Drain	
TP	12 36	671 88	0 71	659 52		
18+00			10 9	661 0		

F. B. 2667 Pg. 146 Job No. 2074.20 Division No. Notes Red Plotted Profile
Survey of Grand Ave Date No. X-Sec.
Survey by M. Wallace Notes M.A.W. Notes Chkd. Checked
Indexed E. L. Ott Date Date No.

76L-295 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		677.88 ✓				
18+50			18	670 1 ✓		
TP	11 67	683 20 ✓	035	671 53 ✓		
18+82			101	673 1 ✓	TP. Grade	
18+89			109	672 3 ✓	Bot. "	
19+00			92	675 0 ✓	Tp. "	
T.P. 19+50	11 59	694 36 ✓	043	682 77 ✓		
			71	686 5 ✓	side Hill	
T.P	8 06	702 06 ✓	036	694 30 ✓		
20+00 TP G-12			70	695 1 ✓	side Hill	
20+30.83	5 14	702 15 ✓	505	697 01 ✓	G-12 EL 697.006 FB 2667-108-121	
20+30.83			45	697 7 ✓	Grd.	
20+50			58	698 4 ✓	Side Hill	
21+00			40	698 2 ✓	" "	
21+50			50	697 2 ✓	" "	
22+00			54	696 8 ✓	" "	
22+50			73	694 9 ✓	" "	
23+00			77	694 5 ✓	" " Bot Slope	
23+50			70	695 2 ✓	" "	
X 24+00			52	697.0 ✓	" "	
24+50			28	699 4 ✓	" "	

Profile Notes Red _____ Plotted _____ Job No. 6274.20 Division No. _____
No. X-Sec. Date _____ Date _____ Survey of Grass Hill
No. _____ Notes Chkd. _____ Checked _____ Survey by Hall & Stewart Notes Hall Date 5-12-61
Date _____ Date _____ Map No. _____ Indexed H. E. ORT Date _____

F. B. 2667 Pg. 121

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		702 15				
25+00			1 6	700 6	side hill	
25+50			0 0	702 2	flat	
TP	12 16	713 91	0 40	701 75		
26+00			8 6	705 3	Top slope	
26+50			4 6	709 3	flat	
27+00			1 2	712 7	"	
TP.	9 90	722 85	0 96	712 95		
27+12			9 3	713 6	Ed dirt rd	
27+50			7 5	715 4		
27+62			7 3	715 6	" " "	
28+00			6 8	716 1		
28+50			5 3	717 6	flat in saddle	
29+00			2 7	720 2	side hill in saddle	
29+43.07 TP			0 1	722 8	Gad	
29+43.07	1 85	723 88	0 82	722 03	G-13 EL 722.028 FB 2667-109-121	
29+50			1 0	722 9		
30+00			1 9	722 0		
30+50			3 5	720 4		
30+95			5 5	718 4	Tp Bank above old Rd	
31+00			6 4	717 5	side "	

F. B. 2667 Pg. 148
Job No. 2674-28 Division No. Notes Red. Plotted Profile
Survey of Grand Ave Date Date No. X-Sec.
Survey by [illegible] Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		723 88				
31+07			73	7166	Edge rd.	
31+35			86	7153	" " Tp bank	
31+50			113	7126	side bank	
TP	040	712 47	11 81	712 07		
31+62			19	7106	bot bank	
32+00			42	7083	side slope	
32+50			86	7039	" "	
TP	001	700 73	11 75	700 72		
33+00			10	6997	" "	
33+50			50	6957	" "	
34+00			80	6927	flat Bot Valley	
34+50			105	6902	" " "	
TP 34+76	139	690 38	11 74	688 99	Ed. road	
35+00			26	6878	" "	
35+50			46	6858	flat	
36+00			67	6837	"	
36+50			88	6816	side slope	
37+00			107	6797	" "	
X T.P.	198	680 88	11 48	678 90		
37+50			30	6779		

Profile Notes Red ____ Plotted ____ Job No. 00 74 20 Division No. ____ F. B. 2667 Pg. 149
No. ____ Date ____ Date ____ Survey of Grand Ave
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 3-13-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		680 88				
38+00			44	676 5	flat	
38+50			57	675 2	"	
39+00			68	674 1	"	
39+50			91	671 8	"	
39+53			94	671 5	Tp. drain	
39+63			128	668 1	Bot "	
39+70			103	670 6	Tp "	
39+80			112	669 7	Bot Brk	
39+88			96	671 3	Tp. Brk	
40+00			96	671 3	Tp Brk	
40+12			108	670 1	Bot "	
40+50			100	670 9	flat	
41+00			93	671 6	"	
41+22			94	671 5	Bot Brk	
TP	582	677 45	925	671 63		
41+23			47	672 8	Tp Brk	
41+35			54	672 1	Bot "	
41+50			44	673 1	flat	
41+60			407	673 38	Edge MAC. [illegible]	
41+70			387	673 58	" Coar. Road	

F. B. 2667 Pg. 150 Job No. 007420 Division No. Notes Red. Plotted Profile
Survey of Grand Ave Date Date No. X-Sec.
Survey by M.A. Wasserman Notes M.A.W. Notes Chkd. Checked
Indexed U.S. Off. Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
G-14		677 45				
41+82.94			3 81	673 64	G-14 LST C.I. Tag	FB 2667-110
BM			0 79	676 66	BM EL. 676.648	FB 2667-~~115~~ 123
					Brea Cn Rd So side	
					BT SPK IN CONC	2.5' W of W end Conc Hwy
					@ STA 298+00 PCT	STATE HWY

Profile Notes Red ____ Plotted ____ Job No. 0074-10 Division No. ____ F. B. 2667 Pg. 137

No. ____ Date ____ Date ____ Survey of Grand Ave

No. X-Sec. Notes Chkd. ____ Checked ____ Survey by M.D. Wassmuth Notes M.A.W. Date 3-13-61

No. ____ Date ____ Date ____ Map No. ____ Indexed B. E. OTT Date ____

F. B. 2667 Pg. 152 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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Profile	Notes Red.	Plotted	Job No. 0071.20	Division No.	F. B. 2667 Pg. 153
No.	Date	Date	Survey of GRAND AVE		
X-Sec.	Notes Chkd.	Checked	Survey by M.A. WALSH	Notes H. E. OTT	Date 3-13-61
No.	Date	Date	Map No.	Indexed	Date

PROFILE

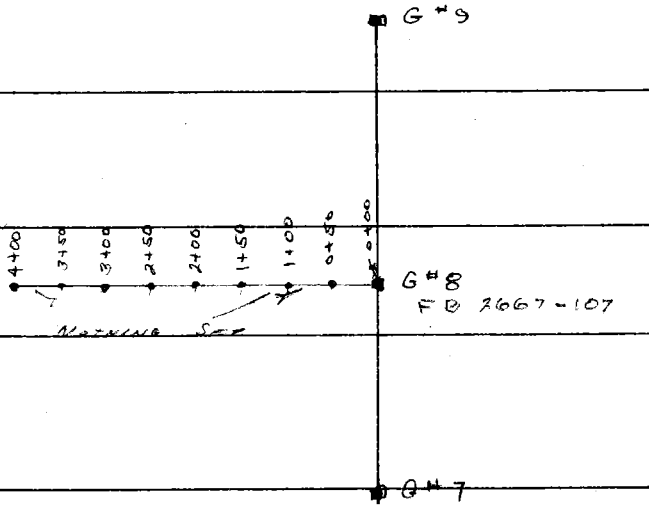
GRAND AVE

100'± to the LEFT of

P#6 = G#8

FROM 0+00 to 4+00

@ 90° To 'P' Line



ELEV.

F. B.

H. I.

B. S.

STATION

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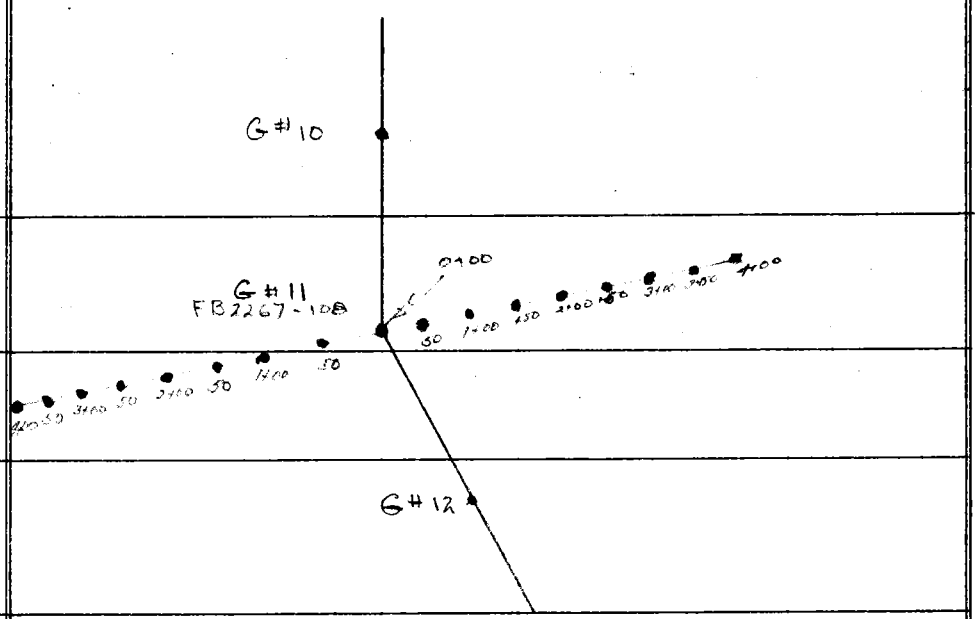
STATION	B. S.	H. I.	F. S.	ELEV.		
TBM R-E	12 08	620 15		608 10	G-B FL 608.10	FB 2667-107-118
0+00			7 4	612 8	Grd	
0+50			8 9	611 3	cul field	
1+00			1 0	613 2	slope	
1+06			6 5	613 7	"	
1+16			6 1	614 1	"	
1+50			4 2	616 0	"	
2+00			1 3	618 9	"	
TP	11 52	630 55	1 15	619 03		
2+50			9 0	621 6	"	
3+00			6 1	624 5	"	
3+50			2 9	627 7	"	
4+00			0 0	630 6	"	
TP	0 85	619 38	12 02	618 53		
			11 28	608 10		

F. B. 2667 Pg. 154 Job No. 0074.20 Division No. Notes Red Plotted Profile
Survey of Grand Ave Date Date No.
Survey by [illegible] Notes M. A. [illegible] Notes Chkd Checked X-Sec.
Indexed H. E. Orr Date Date Date No.

Profile	Notes Red.	Plotted	Job No. 2074.20	Division No.	F. B. 2667 Pg. 155
No.	Date	Date	Survey of Grand Ave		
X-Sec.	Notes Chkd.	Checked	Survey by M. A. Walsh Jr.	Notes M.A.W.	Date 3-14-61
No.	Date	Date	Map No.	Indexed H. E. Ott	Date

PROFILE 400' Rt. & Left
@ G#11 on split of the ∡
Nothing See

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



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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
TBM	11 78	684 82		673 04	G-11 EL. 673.042	FB 2667-[illegible]-120
TP	11 96	696 37	0 41	684 41		
LEFT SIDE 0+50			6 0	690 4	side hill	
TP	11 96	707 97	0 36	696 01		
1+00			1 2	706 8	" "	
TP	11 59	719 23	0 33	707 64		
TP	11 81	730 85	0 19	719 04		
1+50			9 3	721 6	" "	
TP	11 86	742 58	0 13	730 72		
2+00			7 9	734 7	" " BRK.	
T.P.	12 17	754 50	0 25	742 33		
2+50			10 4	744 1	TP ridge	
3+00			4 9	749 6	" "	
+50			0 9	753 6	" "	
4+00			+2 1	756 6	" "	
TP	0 22	742 51	12 21	742 29		
TP	0 63	731 29	11 85	730 66		
TP	0 40	719 35	12 34	718 95		
T.P.	0 23	707 80	11 78	707 57		
TP	0 09	696 06	11 83	695 97		
T.P.	0 60	684 97	11 69	684 37		

F. B. 2667 Pg. 156 Job No. 0014.20 Division No. Notes Red Plotted Profile
Survey of [illegible] Date No. X-Sec.
Survey by [illegible] Notes [illegible] Checked
Indexed [illegible] Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		684 97				
TBM G-11	0 69	673 73	11 93	673 04	G-11 EL 673.042	FB 2667- 108-120
T.P. RIGHT SIDE	0 16	662 28	11 61	662 12		
0+50			3 5	658 8	Side Hill	
T.P.	0 09	650 70	11 67	650 61		
1+00			4 2	646 5	" "	
T.P.	0 52	639 53	11 69	639 01		
1+50			3 3	636 2	" "	
2+00			11 6	627 9	Toe Slope	
TP	2 29	630 07	11 75	627 78		
2+15			3 8	626 3	Tp. drain	
2+30			9 0	621 1	Bot. "	
2+50			10 5	619 6	Ctr "	
2+65			11 4	618 7	Bot "	
2+74			9 7	620 4	Tp. "	
3+00			10 6	619 5	" "	
3+28			17 3	612 8	Bot "	
3+42			11 3	618 8	Tp "	
3+50			11 4	618 7	flat	
4+00			10 7	619 4	"	
TP			2 35	627 72		

Profile Notes Red ____ Plotted ____ Job No. 0074.20 Division No. ____ F. B. 2667 Pg. 157
No. ____ Date ____ Date ____ Survey of Grand Ave
X-Sec. Notes Chkd. ____ Checked ____ Survey by M.A.Walsh Notes M.A.W. Date 3-14-61
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ H. E. OD Date ____

F. B. 2667 Pg. 158 Job No. 0074.20 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of GRAND AVE Date _____ Date _____ No. _____

Survey by M.A. Walsh Notes MAW Notes Chkd. _____ Checked _____ X-Sec.

Indexed H. E. [illegible] Date _____ Date _____ Date _____ No. _____

76L-298 S & E #307—1-56

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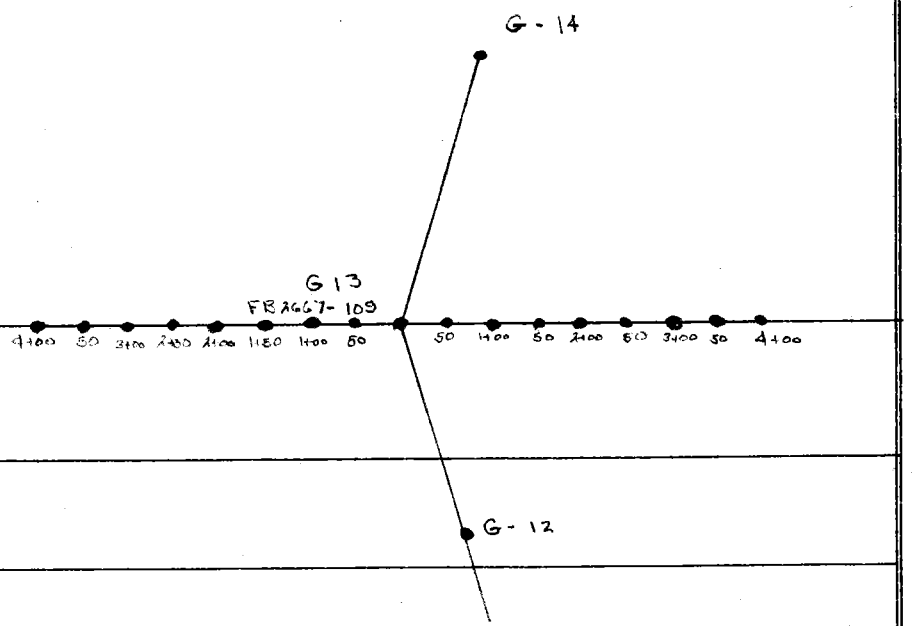
STATION	B. S.	H. I.	F. S.	ELEV.		
TP	11 77	639 49		627 72		
TP	11 78	650 74	053	638 96		
TP	11 97	662 55	016	650 58		
TP	12 08	674 16	047	662 08		
TBM			111	673 05	G-11 EL 673.042	FB 2667-108.120

X

F. B. 7667 Pg. 159

Profile No. ____ X-Sec. No. ____
Notes Red. ____ Date ____ Notes Chkd. ____ Date ____
Plotted ____ Date ____ Checked ____ Date ____
Job No. 007120 Division No. ____
Survey of Grand Ave
Survey by MA Wass & Notes MAW Date 3-14-61
Map No. ____ Indexed H. E. OTT Date ____

PROFILE 400' Rt. & Left
@ G-13 on spur of Ho. X



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

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761-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	
TBM RIGHT SIDE	11 92	733 95		722 03	G-13 El 722.028 FB 2667-109-121
0+50			15 4	718 6	SADDLE E. EDGE Ka
0+60			16 0	718 0	" W. "
1+00			14 3	719 7	SLOPE
1+22			10 7	723 3	BOT BRK side hill
1+26			8 8	725 2	Tp " " "
1+50			3 7	730 3	side hill
TP	11 17	744 87	0 25	733 70	
1+65			10 0	734 9	BRK side hill
2+00			0 0	744 9	Tp " " "
TP	11 83	756 53	0 17	744 70	
2+50			2 4	754 1	Side hill
TP	11 89	767 96	0 46	756 07	
2+58			12 3	755 7	BRK Side hill
2+72			9 2	758 8	Bot BRK
2+85			4 7	763 3	Tp "
3+00			3 5	764 5	Side Hill
TP	11 52	779 30	0 18	767 78	
3+50			9 8	769 5	Side Hill
3+69			6 3	773 0	Bot BRK Side Hill
3+75			4 1	775 2	Tp " " "

F. B. 2667 Pg. 160 Job No. 007420 Division No. Notes Red. Plotted Profile
Survey of Grand Ave Date Date No. X-Sec.
Survey by M.A. Walsh Notes M.A.W. Notes Chkd. Checked
Indexed H. E. Oil Date Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	S. S.	H. I.	F. S.	ELEV.		
		779 30				
4+00			05	778.8	Side hill	
TP	0 11	767 86	11 55	767 75		
TP	0 24	756 28	11 82	756 04		
TP	0 57	745 08	11 77	744 51		
Left Side						
0+50			11 7	733 4	Side hill	
TP	11 97	756 96	0 09	744 99		
0+85			12 0	745 0	Brk Side hill	
1+00			4 1	752 9	Side hill	
TP	11 71	768 47	0 20	756 76		
TP	11 56	779 85	0 18	768 29		
1+35			10 0	769 9	Brk. (crest on side hill)	
1+50			5 5	774 4	Side hill	
TP	11 98	791 55	0 28	779 57		
2+00			1 7	789 9	" "	
TP	11 59	803 04	0 10	791 45		
2+50			1 8	801 2	" " @ Brk	
TP	4 36	807 25	0 15	802 89		
3+00			1 2	806 1	Tp hill	
X 3+50			3 6	803 7	" "	

Profile Notes Red ____ Plotted ____ Job No 0074.20 Division No ____ F. B. 2667 Pg. 161
No. ____ Date ____ Date ____ Survey of Grand Ave
X-Sec. Notes Chkd ____ Checked ____ Survey by [illegible] Notes [illegible] Date 3-14-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. F. OTT Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		807 25				
4+00			12 2	795 1	Side hill	
TP	0 12	795 43	11 94	795 31		
TP	0 26	783 73	11 96	783 47		
TP	0 38	772 01	12 10	771 63		
TP	0 62	760 74	11 89	760 12		
TP	0 67	749 84	11 57	749 17		
TP	1 24	739 08	12 00	737 84		
TP	2 13	730 33	10 88	728 [illegible]		
TBM			8 28	722 05	G-13 EL 722.028	FB 2267-109-121

F. B. 2667 Pg. 162 Job No. 0074.20 Division No. Notes Red. Plotted Profile
Survey of Grand Ave Date Date No. X-Sec.
Survey by M.A. Walsh Notes M.A.W. Notes Chkd. Checked
Indexed B.E. OT Date Date Date No.

Notes Ck'd by	Survey of GRAND AVE
Map No.	JN 007420 Tape 0164 Std 64 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes Holmes Date 3-16-61
Date	Indexed APR 13 61 H. E. OTT

F. B. 2667 PG. 163

WS 38 B-2

J.N. 007420
PRO. GRAND AVE
STAKING ℄ from INTER.
VALLEY BLVD S'LY. TO

BREA CANYON RD.

Holmes
Walsh
Henderson
Brown.

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76F309S S&E #247 11-58

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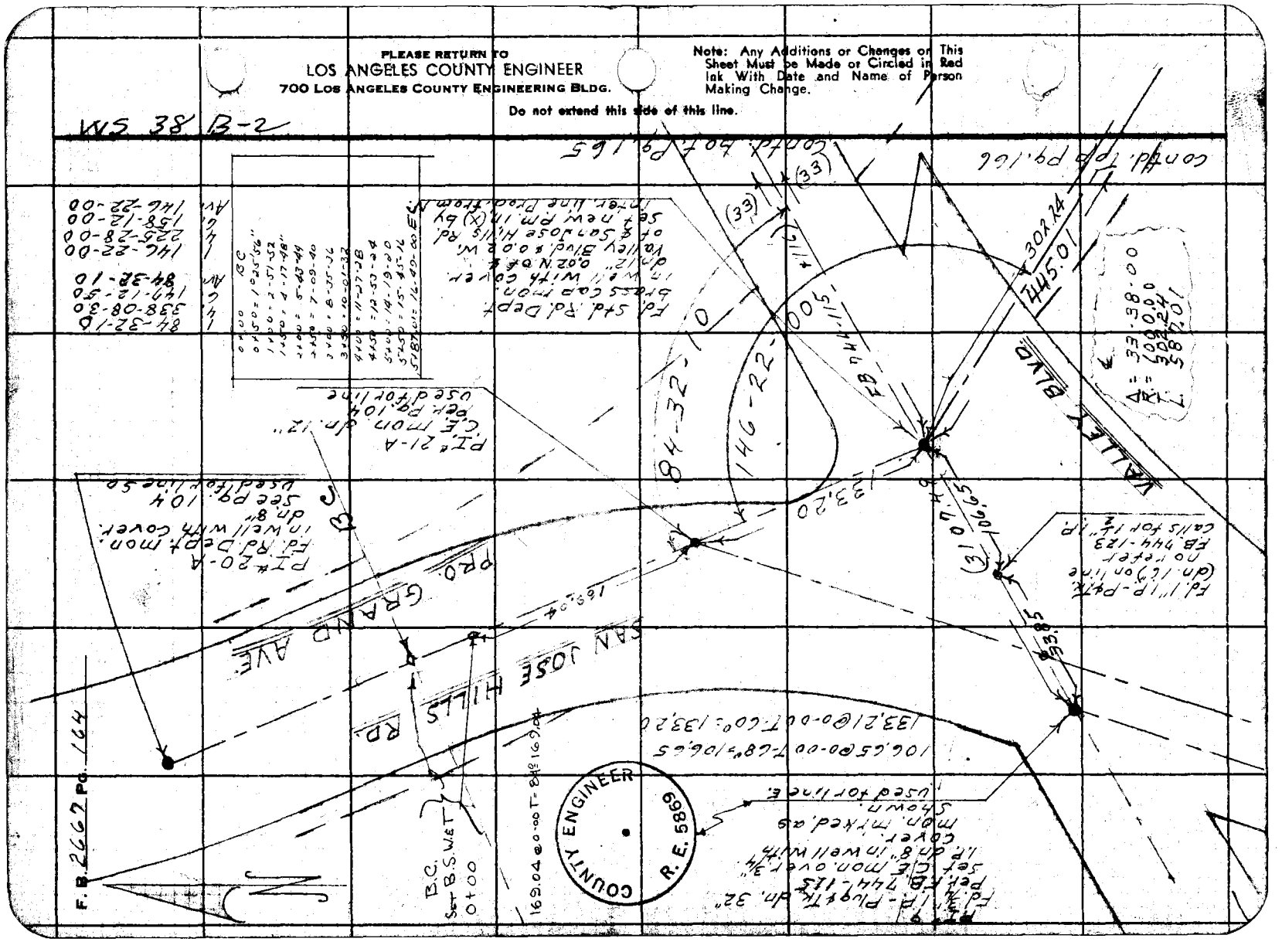
WS 38 B-2



Notes Ck'd by	Survey of GRAND AVE	F. B. 2667 PG. 165
Map No.	JN 007420 Tape 164 Std 84 °F	
Office Work	Surveyed by D.E. Holmes	
Checked	Notes Holmes Date	
Date	Indexed S. E. [illegible]	

WS 38B-2

PI #10
Fd. 6" Conc. mon
Ct. Spk. & P.m. in Top
dn 20" Per.
FB 744-116
used for line

Replace Rd. Dept.
mon. with C.E. mon.
dn. 16". mon. marked.
as shown.

COUNTY ENGINEER
PI 10
R.E. 5869

VALLEY BLVD

(3107.49 F.B. 744-115 & 116)

(33')

(33')

From Rt Pg. 164

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76F309S S&E #247 11-58

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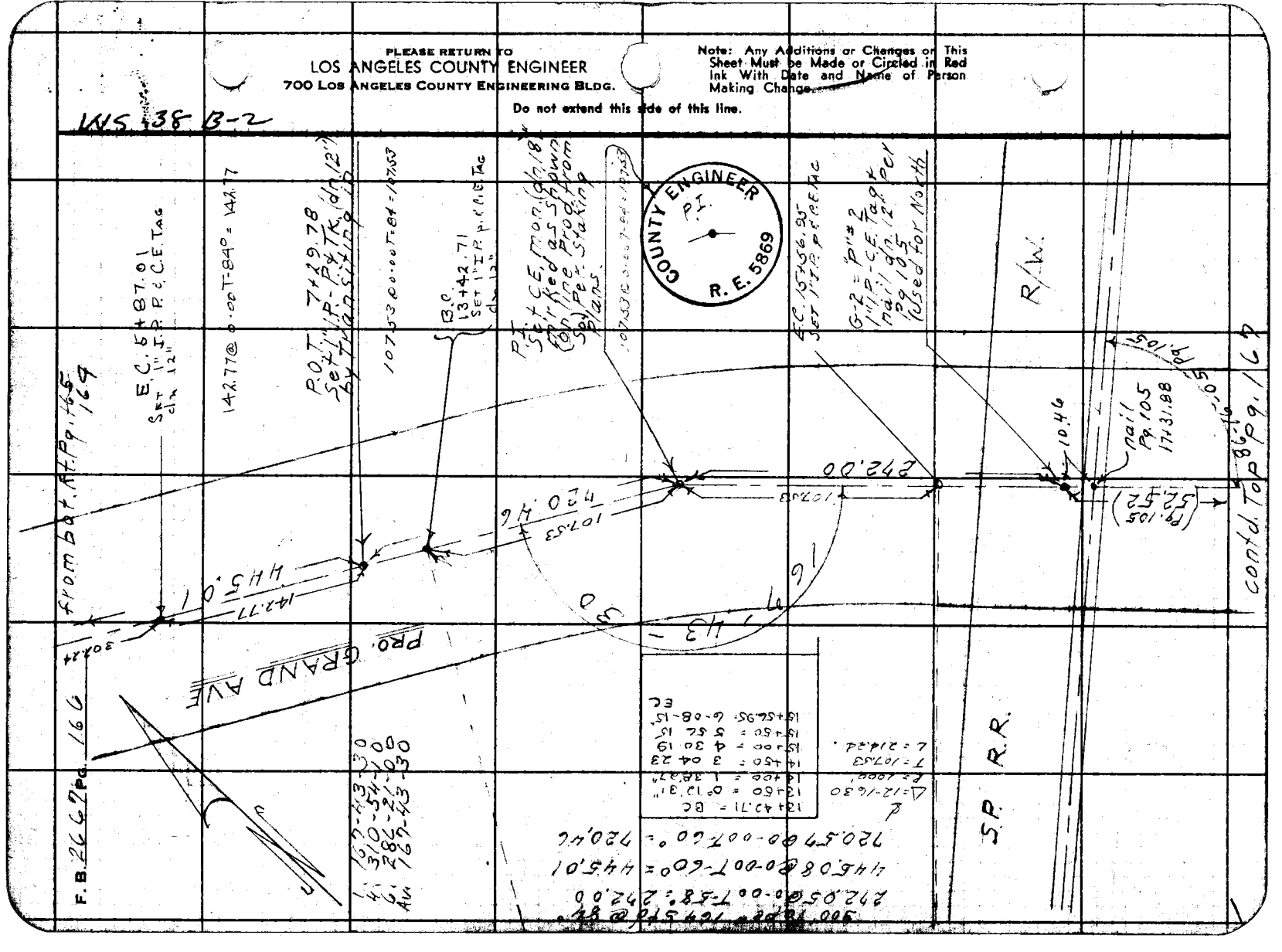
WS 138 B-2



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

Survey of GRAND AVE
JN 0074.20 Tape 164 Std 84 °F
Surveyed by D.E. Holmes
Notes Holmes Date
Indexed E. an

F. B. 2667 Pg. 167

WS 38 B-2

contd. from bot. Pg. 166

S.P.R.R.

R/W.

(52.52 Pg. 105)

2" I.P. Pg. 105

(Pg. 105 149.59) 1.69

P.O.T. 1"x2"+TK. Pg. 105 = G"H

51.34 Pg. 105

50.00

2" I.P. Pg. 105

PRO. GRAND AVE

(Pg. 106 Pg. 105) (103.59

P.O.T. 28+07.53 1"x2"+TK. 90°To 2" I.P. = G-5 Pg. 106. = G"5

(Pg. 106)

2" I.P. Pg. 106

50.00

(96.44

(Pg. 106 65.18

C.E. Tag & nail Pg. 106 28+63.34

TRACKS

R.R R/W.

9.67

L.A.S.L.

P.O.T. 1" I.P. Pg. 106 = G"7

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76F3098 SAE #247 11-68

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F. B. 2662 PG. 168

Profile No.	Notes Red.	Plotted	Job No. 0074.20	Division No. 11
	Date	Date	Survey of Grand Ave	
X-Sec. No.	Notes Chkd. Miller	Checked	Survey by M. A. Walsh Jr.	Notes M. A. Walsh Date 8-17-61
	Date Aug 1961	Date	Map No.	Indexed H. E. OTT Date AUG 22 '61

F. B. 2667 Pg. 169

Cross Section
of Grand Ave
JN 0074.20

From - Valley Blvd.
To - U.P.R.R.

M. A. Walsh Jr.
[illegible]
[illegible]
[illegible]

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

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761-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
					BM EL 608.975 FB 2667-104-116	
BM				608 98 ✓	P.I. #21A C.E. Mon do 8"	
	6 85	615 83 ✓				
BC 0+00			3 36	612 47 ✓		Swt 0-00 - See Pg 164
24 R			5 00	610 83 ✓	Ed Pvmt	
33 R			5 3	610 5 ✓	Bot Brk	
43 R			0 0	615 8 ✓	Tp Brk	
20 L			3 01	612 32 ✓	Ed Pvmt	
41 L			3 0	612 8 ✓	Tp Brk	
46 L			5 2	610 6 ✓	Bot Brk	
60 L			5 5	610 3 ✓		
0+50			4 28	611 55 ✓	pvmt	
29.5 R			5 69	610 14 ✓		
37 R			5 5	610 3 ✓		
48 R			5 8	616 1 ✓		
13 L			4 05	611 78 ✓	Ed. Pvmt	
34 L			3 3	612 5 ✓	Tp. Brk	
38 L			5 9	609 9 ✓	Bot Brk	
60 L			6 1	609 7 ✓	field	

F. B. 2667 Pg. 170 Job No. 007420 Division No. 11 Notes Red. Plotted Profile
Survey of Grand Ave Date Date No.
Survey by M.A. Walsh Notes M.A.W. Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date 8-17-61 Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		615 83 ✓				
1+00			5 25	610 58 ✓	E. Ed. of Rd	
22 R			5 60	610 23 ✓	Ctr of Road	
44 R			6 45	609 38 ✓	Bot Curb	
44.5 R			6 00	609 83 ✓	Tp "	
5[illegible] R			[illegible]	609 89 ✓	Toe Slope	
51.3		Cr[illegible]	5 8	615 7 ✓	Tp Cut	
5[illegible] L			5 1	610 7 ✓	Bot [illegible]	
[illegible] L			4 4	611.4 ✓	Tp Bk	
[illegible] L			6 1	609 7 ✓	Bot "	
77.3 L			7 5	608 3 ✓	Field	
1+50			5 0	610 8 ✓		
15.8 R			6 48	609 35 ✓	Ed Pvmt	
[illegible]			6 5[illegible]	609 29 ✓	℄ Rd	
69.1 R			7 34	608 49 ✓	Bot Curb	
69.5 R			6 83	609 00 ✓	Tp "	
90 R			7 16	608 67 ✓	Bot Pvt	
5 L			4 9	610 9 ✓	Tp Brk	
11.[illegible] L			7 0	608 8 ✓	Bot "	
80 L			8 3	607 5 ✓	Field	

Profile Notes Red. Plotted Job No. 0074 20 Division No. 11 F. B. 2667 Pg. 171
No. X-Sec. Date Date Survey of Grand Ave
Notes Chkd Miller Checked Survey by M.A. Waisnde Notes MAW Date 8-17-61
No. Date August 1961 Date Map No. Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		615 83 ✓				
2+00			8 10	607 73 ✓	℄	
5 R			7 9	607 9 ✓	Bot Bar	
9.7 R			[illegible]	609 4 ✓	Tp "	
22.7 R			6 4	609 4 ✓	Tp Bar	
31.6 R			7 9	607 9 ✓	Bot "	
36.0 R			7 97	607 86 ✓	Ed Rd	
58.8 R			7 [illegible]	608 [illegible] ✓	CTR Rd	
84½ R			8 [illegible]	607 75 ✓	Bot Curb	
84½ R			7 32	608 31 ✓	Tp "	
80 L			7 0	606 8 ✓	field	
2+50			8 5	607 [illegible] ✓	℄	
27 R			8 83	607 [illegible] ✓	Ed [illegible]	
45 R			9 [illegible]	606 [illegible] ✓	Tp Curb	
46 R			9 46	606 37 ✓	Bot "	
[illegible]			9 52	606 [illegible] ✓	Ctr Rd	
80 L			9 1	606 7 ✓	field	
2+92			9 13	606 70 ✓	℄ Tp Curb	
2+92.5			9 62	606 21 ✓	℄ Bot "	

F. B. 2667 Pg. 172 Job No. 0074.20 Division No. 11 Notes Red Plotted Profile
Survey of Grand Ave Date Date No.
Survey by [illegible] Notes M.A.W. Notes Chkd Checked X-Sec.
Indexed H. E. Ott Date 8-17-61 Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		615 83 ✓				
3+00			9 75	606 08 ✓	℄	
40 R			9 89	605 94 ✓	pvm	
80 R			10 15	605 68 ✓	"	
4[illegible] L			9 57	606 26 ✓	"	
84 L			9 3[illegible]	[illegible] ✓	[illegible]	
[illegible]			11 11	[illegible] 72 ✓		
	1 16	605 88 ✓				
3+43			0 31	605 57 ✓	℄ Brk	
3+50			0 82	605 06 ✓	℄	
223 R			1 38	604 50 ✓	Ed [illegible]	
381 R			1 6	604 3 ✓	Bot Brk	
652 R			1 4	604 5 ✓	Tp "	
100 R			1 4	604 5 ✓	Field	
21 L			0 23	605 65 ✓	Brk. pvm	
40 L			0 04	605 84 ✓	pvm	
65 L			0 00	605 88 ✓	"	
3+55			1 1	604 8 ✓	℄	
3+72 S			0 5	603 4 ✓		

Profile Notes Red. ____ Plotted ____ Job No. 0074.20 Division No. 11 F. B. 2667 Pg. 173
No. ____ Date ____ Date ____ Survey of Pr and Ave
X-Sec. Notes Chkd Miller Checked ____ Survey by [illegible] Notes [illegible] Date 8-17-61
No. ____ Date Aug 1961 Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		605 88 ✓				
4+00			15	604 4 ✓	℄	
40 R			16	604 3 ✓	field	
80 R			15	604 4 ✓	"	
40 L			20	603 9 ✓	"	
80 L			17	604 2 ✓	"	
4+50			29	603 0 ✓	℄	
40 R			30	602 3 ✓	field	
80 R			28	603 1 ✓	"	
40 L			25	603 4 ✓	"	
80 L			15	604 4 ✓	"	
5+00			29	603 0 ✓	℄	
40 R			3[illegible]	[illegible] ✓	field	
80 R			29	602 0 ✓		
40 L			29	603 0 ✓		
80 L			19	604 0 ✓	"	

F. B. 2667 Pg. 174 Job No. 0074.00 Division No. 11 Notes Red. Plotted Profile
Survey of Grand Ave Date Date No. X-Sec.
Survey by M. Walsh Notes Chkd. Checked
Indexed H. E. OTT Date 8-17-61 Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		[illegible]				
5+50			34	602 5	℄	
40 R			38	[illegible]	field	
80 R			50	600 9	"	
40 L			27	603 2	"	
80 L			[illegible]	[illegible]	"	
EC 5+87.01			4 82	601 06	EC. [illegible] FB [illegible]-166	
5+87.01 BRD			43	601 6		
30 R			50	600 9	field	
60 R			63	[illegible]	Tp drain	
40 L			32	602 7	"	
80 L			28	603 1	"	
6+00			49	601 0	℄	
33 R			52	600 7	field	
63 R			51	599 8	Tp drain	
80 R			99	596 0	side drain	
40 L			36	602 3	field	
80 L			34	602 5	"	

X

Profile Notes Red. Plotted Job No. [illegible] Division No. [illegible] F. B. 2667 Pg. 175
No. X-Sec. Date Date Survey of [illegible] Notes Chkd. Miller Checked Survey by [illegible] Notes [illegible] Date [illegible]
No. Date Aug 1961 Date Map No. Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		605 88 ✓				
6+50			57	600 2 ✓	℄	
8 R			63	599 6 ✓	Tp drain	
50 R		CALL dn	192	580 4 ✓	~~580.7~~ Bot "	
85 R			69	599 0 ✓	Tp "	
40 L			62	599 7 ✓	field	
80 L			60	599 9 ✓	"	
6+53			57	600 2 ✓	℄	
6+71			128	59[illegible] ✓	℄ Tp. drain	
6+80		dn	120	~~581 1~~ ✓	℄ Bot "	
7+00			131	592 8 ✓	℄ side "	
21 R			57	600 2 ✓	Tp drain	
80 R			67	599 2 ✓	field	
20 L		CALL dn	96	583 2 ✓	~~586.9~~ Bot drain	
40 L		CALL	96	583 2 ✓	~~596.3~~ "	
60 L			43	601 6 ✓	Tp "	
7+16			60	599 9 ✓	℄ Tp drain	
7+29			51	600 8 ✓	Grd	
7+29			590	599 98 ✓	1" IP p. & C.E. TAG FB 2667-166	

F. B. 2667 Pg. 176 Job No. 0074.20 Division No. 11 Notes Red. Plotted Profile
Survey of GRAND AVE Date Date No. X-Sec.
Survey by M.A. Walsh Notes M.A.W. Notes Chkd. Checked
Indexed H. E. OTT Date 8-17-61 Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P. 7+29.78				599 98	1" IP p & C.E. Tag FB 2667-166	
	5 10	605 08				
7+50			42	600 9	℄	
40R			45	600 6	field	
80R			46	600 5	"	
35L			41	601 0	TP drain	
75L		CALL Gn	170	584 0	Rot "	
8+00			40	601 1	℄	
40R			46	600 5	field	
80R			47	600 4		
40L			38	601 3	"	
80L			37	601 4	"	
8+50			43	600 8	℄	
40R			45	600 6	field	
80R			48	600 3	"	
40L			39	601 2	"	
80L			36	601 5	"	

X

Profile Notes Red ____ Plotted ____ Job No. 0074.00 Division No. 11 F. B. 2667 Pg. 177
No. ____ Date ____ Date ____ Survey of Grand Ave
X-Sec. Notes Chkd Miller Checked ____ Survey by M.A. Wassink Notes MAW Date 8-17-61
No. ____ Date Aug 1961 Date ____ Map No. ____ Indexed H. E. ON Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		605 08				
9+00			4 6	600 5	℄	
40 R			4 8	600 3	field	
80 R			5 1	599 0	"	
40 L			4 2	600 9	"	
80 L			4 0	601 1	"	
9+50			4 7	600 4	℄	
40 R			4 9	600 2	field	
80 R			5 3	599 8	"	
40 L			4 3	600 8	"	
80 L			3 8	601 3	"	
10+00			4 6	600 5	℄	
40 R			4 9	600 2	field	
80 R			5 2	599 9	"	
40 L			4 2	600 9	"	
80 L			3 8	601 3	"	
10+50			4 5	600 6	℄	
40 R			4 9	600 2	field	
80 R			5 8	599 3	"	
40 L			4 0	601 1	"	
80 L			3 6	601 5	"	

F. B. 2667 Pg. 178 Job No. 0 0 7 4 30 Division No. 11 Notes Red. Plotted Profile
Survey of Grand Ave Date Date No. X-Sec.
Survey by M.A. Walsh Jr. Notes M.A.W. Notes Chkd. Checked No.
Indexed H. E. OTT Date 8-17-61 Date Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		605 08 ✓				
11+00			4 6	600 5 ✓	℄	
40R			5 3	599 8 ✓	field	
80R			5 2	599 9 ✓	"	
40L			4 2	600 9 ✓	"	
80L			3 9	601 2 ✓	"	
11+50			4 6	600 5 ✓	℄	
40R			4 9	600 2 ✓	field	
80R			5 1	600 0 ✓	"	
40L			4 8	600 3 ✓	"	
80L			4 4	600 7 ✓	"	
T.P.			4 27	600 81 ✓		
	2 80	603 61 ✓				
12+00			2 8	600 8 ✓	℄	
40R			3 4	600 2 ✓	field	
80R			3 8	599 8 ✓	"	
40L			2 5	601 1 ✓	"	
80L			2 2	601 4 ✓	"	

X

Profile Notes Red ____ Plotted ____ Job No. 2074.20 Division No. 11 F. B. 2667 Pg. 179
No. ____ Date ____ Date ____ Survey of Grand Ave
X-Sec. Notes Chkd Miller Checked ____ Survey by [illegible] Notes MPW Date 8-17-61
No. ____ Date Aug 1961 Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		603 61 ✓				
12+50			28	600 8 ✓	℄	
40 R			33	600 3 ✓	field	
80 R			36	600 0 ✓	"	
40 L			27	600 9 ✓	"	
80 L			26	601 0 ✓	"	
13+00			31	600 5 ✓	℄	
40 R			34	600 2 ✓	field	
80 R			37	599 9 ✓	"	
40 L			30	600 6 ✓	"	
80 L			25	601 1 ✓	"	
B.C. 13+42 71			39	599 7 ✓	Geo	
13+42.71			4 73	598 88 ✓	BC 1" IP p & C.E. TAG	
40 R			37	599 9 ✓	field	
80 R			39	599 7 ✓	"	
40 R			41	599 5 ✓	"	
80 R			35	600 1 ✓	"	
13+50			41	599 5 ✓	℄	

F. B. 2667 Pg. 180 Job No 0074 20 Division No 11 Notes Red Plotted Profile
Survey of GRAND AVE Date Date No. X-Sec.
Survey by M.A. WALSH Notes M.A.W. Notes Chkd Checked
Indexed H. E. OTT Date 8-17-61 Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		603 61 ✓				
14+00			50	5986 ✓	℄	
40 R			50	5986 ✓	field	
80 R			49	5987 ✓	"	
40 R			49	5987 ✓	"	
80 R			43	5993 ✓	"	
14+50			48	5988 ✓	℄	
40R			53	5983 ✓	field	
80R			56	5980 ✓		
40L			42	5994 ✓		
80L			33	6003 ✓	"	
15+00			66	5970 ✓	℄ Tp Brk	
40 R			67	5969 ✓	Tp Brk	
85 R			140	5896 ✓	Side drain	
40 L			58	5978 ✓	field	
80 L			50	5986 ✓	Tp. Brk	
15+18			117	5919 ✓	℄ Bot. Brk	
TP			1171	59190 ✓		
	103	592 93 ✓				

X

Profile Notes Red. ____ Plotted ____ Job No. 0074-20 Division No. 11 F. B. 2667 Pg. 181
No. ____ Date ____ Date ____ Survey of Grand Ave
X-Sec. Notes Chkd Miller Checked ____ Survey by M.A. Whiskey Notes MAW Date 8-17-61
No. ____ Date Aug 1961 Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		592 93 ✓				
15+50			60	586 9 ✓	℄ Tp brk	
40 R			70	585 9 ✓	Tp brk	
80 R			99	583 0 ✓	side Bank	
40 L			63	586 6 ✓	Tp brk	
80 L			72	585 7 ✓	brk	
EC 15+56.55			7 96	584 97 ✓	EC 1" IP p. & C.E. Tag	FB 2667-166
15+77			12 5	580 4 ✓	Bot Drain	
15+90			12 5	580 4 ✓	Bot Drain	
TP			1 03	591 90 ✓		
	10 05	601 95 ✓				
16+00			60	596 0 ✓	℄	
40 R			28	599 2 ✓	Tp brk	
80 R			23	599 7 ✓	Corral	
40 L			93	592 7 ✓	Sid drain	
60 L			16 3	585 7 ✓	Bot side drain	
16+06			07	599 3 ✓	℄	
TP			2 55	599 40 ✓		
	7 45	606 85 ✓				

F. S. 2667 Pg. 182 Job No. 0074.29 Division No. 11 Notes Red Plotted Profile
Survey of Grand Ave Date Date No. X-Sec.
Survey by M.A. Walsh Notes M.A.W. Notes Chkd. Checked
Indexed J. E. Ott Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		6.3 85 ✓				
16+50			65	600 4 ✓	℄	
10 R			69	600 0 ✓	Ground	
80 R			68	600 1 ✓	"	
40 L			65	600 4 ✓	"	
80 L			64	600 5 ✓	"	
16+82			68	600 1 ✓	℄ Tp. Box	
16+[illegible]80			84	598 5 ✓	℄ Box Culv	
17+00			86	598 3 ✓	℄	
10 R			83	598 6 ✓	Ant. Rd	
80 R			88	598 1 ✓	" "	
10 L			84	598 5 ✓	" "	
80 L			76	599 3 ✓	" "	
17+08			P7	598 2 ✓	℄ ant brk	
17+15			1 8	602 1 ✓	Top "	
17+24			39	602 0 ✓	b.o. Barrier	
17+26			35	603 1 ✓	Tp. "	
17+31.FE			366	603 19 ✓	℄ Tr. S. P. RR.	
TP			356	602 29 ✓		
X	452	606 81 ✓				

	Red.	Elev
No. Rail	2.95	603.86
So. Rail	2.94	603.87

Profile Notes Red. Plotted Job No. 62766 Division No. 11 F. B. 5667 Pg. 183
No. X-Sec. Date Survey of [illegible] Date
Notes Chkd Miller Checked Survey by [illegible] Notes [illegible] Date 5-17-61
No. Date Sept 1961 Date Map No. Indexed H. E. Ott Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		606 81 ✓			R. R. TRACKS	S.P.R.R.
17+31.88 100' R		Tp N Rail	3 48	603 33 ✓		
		CTR	4 20	602 61 ✓		
		Tp S Rail	3 46	603 35 ✓		
200' R		N Rail	4 10	602 71 ✓		
		CTR	4 69	602 12 ✓		
		S. Rail	4 08	602 73 ✓		
300' R		Tp N Rail	4 58	602 23 ✓		
		CTR	5 24	601 57 ✓		
		Tp S. Rail	4 58	602 23 ✓		
400' R		Tp N Rail	5 06	601 75 ✓		
		CTR	5 64	601 17 ✓		
		Tp S Rail	5 02	601 79 ✓		
100' L		Tp N Rail	2 29	604 52 ✓		
		CTR	2 96	603 85 ✓		
		Tp S. Rail	2 33	603 48 ✓		
200' L		Tp N Rail	1 61	605 20 ✓		
		CTR	2 28	604 53 ✓		
		Tp S. Rail	1 62	605 19 ✓		

F. B. 2667 Pg. 184 Job No. 0074.20 Division No. 11 Notes Red. Plotted Profile
Survey of Grand Ave Date Date No. X-Sec.
Survey by M. A. Hansen Notes M.A.H. Notes Chkd. Checked
Indexed H. E. OTT Date 8-17-61 Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		606 81				
300 L		N Rail	0 83	605 98		
		CTR	1 50	605 31		
		S. Rail	0 84	605 97		
17+35			3 6	603 2	Tp ballast	
17+39			4 6	602 2	Bot	
17+50			4 5	602 3		
[illegible]			4 8	602 0	on base of sub grade [illegible]	
80R			5 2	601 6		
40L			4 4	602 4		
80L			4 2	602 6		
BM			5 99	600 82	BM EL 600,817 FB 2667-113-117 2" IP LS 2508 p105 51.34 So & 50' E of PP3 2-18	
	3 09	603 91				
17-59			[illegible]	602 0	Tp [illegible]	
17+64			4 7	599 2	Bot Brk	
[illegible]			2 82	601 09	Tp [illegible]	
17+93			3 31	600 60	CTR	
[illegible]			2 88	601 03	Tp [illegible]	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2024.20 Division No. 11 F. B. 2667 Pg. 185
X-Sec. No. ____ Date ____ Date ____ Survey of Grand Ave
Notes Chkd Miller Checked ____ Survey by M.A. Hansen Notes M.A.H. Date 8-17-61
No. ____ Date Aug. 1961 Date ____ Map No. ____ Indexed R. E. Ott Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		603 91 ✓				
18+00			37	600 2 ✓	℄	
40 R			42	[illegible] ✓	field	
80 R			49	[illegible] ✓	"	
120 R			43	[illegible] ✓		
15 L			[illegible]	[illegible] ✓	[illegible]	
[illegible] L			[illegible]	600 6 ✓	[illegible]	
[illegible]			[illegible]	601 07 ✓	[illegible]	
[illegible]			[illegible]	600 5 ✓	field	
[illegible]			[illegible]	600 6 ✓	[illegible]	
18+20			45	599 4 ✓	℄ Tp Brk	
18+24			55	598 4 ✓	Bot "	
18+37			26	601 3 ✓	Top "	
18+50			43	599 6 ✓	℄ Bot	
40 R			48	599 1 ✓	field	
80 R			52	598 7 ✓	"	
120 R			57	598 2 ✓	"	
5 L			41	599 8 ✓	Bot Brk	
10 L			30	600 9 ✓	Tp "	
29 L			53	598 6 ✓	Bot "	
34 L			42	599 7 ✓	Top "	

F. S. 2667 PG. 186 Job No. 207420 Division No. 11 Notes Red. Date Plotted Date No. Profile
Survey of Grand Ave Notes Date Notes Chkd. Date Checked Date No. X-Sec.
Survey by [illegible] Notes [illegible] Date [illegible]
Indexed H. E. OTT

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		603 9'				
50 L			36	600 3	field @ corral fnc	
125 L			35	600 4	in corral	
19+00			44	599 5	℄	
40 R			52	598 7	field	
80 R			57	598 2	"	
120 R			62	597 7	"	
18 L			41	599 8	Bot Brk	
25 L			30	600 9	Tp "	
37 L			57	598 2	Bot "	
48 L			38	600 1	Tp " @ corral fnc	
115 L			38	600 1	in corral with cattle	
19+50			48	599 1	℄	
40 R			50	598 9	field	
55 R			46	599 3	"	
120 R			60	597 9	"	
18 L			45	599 4	Bot Brk	
23 L			29	601 0	Tp "	
40 L			54	598 5	Bot "	
50 L			35	600 4	Tp " @ fnc	
15 L			35	600 4		

Profile Notes Red. Plotted Job No. 0074-23 Division No. 11 F. B. 2667 PG. 187
No. X-Sec. Date Date Survey of Grand Ave
Notes Chkd. Miller Checked Survey by M.A. Wolsh Notes M.A.W. Date 8-18-61
No. Date Aug. 1961 Date Map No. Indexed N. E. OR Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		603 91 ✓				
20+00			49	599 0 ✓	℄	
40R			51	598 8 ✓	field	
80R			58	598 1 ✓	"	
120R			65	597 4 ✓	"	
18L			44	599 5 ✓	Bot Bkr	
24L			26	601 3 ✓	Tp. "	
41L			55	598 4 ✓	Bot "	
50L			42	599 7 ✓	Tp " @ Fnc	
115L			42	599 7 ✓	IN CORRAL	
20+50			47	599 2 ✓	℄	
40R			49	599 0 ✓	field	
80R			57	598 2 ✓	"	
120R			64	597 5 ✓	"	
17L			43	599 6 ✓	Bot Bkr	
24L			28	601 1 ✓	Tp "	
37L			52	598 7 ✓	Bot "	
50L			38	600 1 ✓	Tp " @ Fnc	
100L			38	600 1 ✓	IN CORRAL	

X

F. B. 2667 Pg. 188 Job No. 007420 Division No. 11 Notes Red. Plotted Profile
Survey of Grand Ave Date Date No.
Survey by M. Alvarez Notes M.A.W. Notes Chkd. Checked X-Sec.
Indexed H. E. Ott Date Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		603 91				
21+00			52	5987	℄	
40R			56	5983	field	
80R			59	5980	"	
100R			65	5974	"	
18L			45	[illegible]	Bot Bkr	
26L			24	6015	Tp "	
41 L			50	5989	Bot Bkr	
49 L			43	5996	Tp " @ Enc	
110 L			33	6006	in compl.	
21+50			49	5990	℄	
40R			54	5985	field	
80R			58	5981	"	
100R			62	5977	"	
15 L			46	5993	Bot Bkr	
24 L			27	6012	Tp "	
31 L			51	5988	Bot "	
[illegible]			44	5995	Tp " @ Enc	
[illegible]			40	5999	in compl.	

Profile Notes Red. ____ Plotted ____ Job No. 00762 Division No. 11 F. B. 7667 Pg. 189
No. ____ Date ____ Date ____ Survey of Grand Ave
X-Sec. Notes Chkd Miller Checked ____ Survey by M.A. Wunck Notes M.A.W. Date 5-18-61
No. ____ Date Aug 1961 Date ____ Map No. ____ Indexed H. E. Ott Date ____

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F. B. 2667 Pg. 190 Job No. 60742 Division No. 11 Notes Red. Plotted Profile
Survey of Date No.
Survey by Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		605.91 ✓				
22+00			47	599.2 ✓	℄	
40 R			52	598.7 ✓	field	
80 R			56	598.3 ✓	"	
120 R			61	597.8 ✓	"	
18 L			45	599.4 ✓	Bot	Brk
25 L			24	601.5 ✓	Tp	"
40 L			49	599.0 ✓	Bot	"
49 L			42	599.7 ✓	Tp	" @ Fnc
110 L			40	599.9 ✓	IN	CORRAL
22+50			42	599.7 ✓	℄	
40 R			47	599.2 ✓	field	
80 R			53	598.6 ✓	"	
120 R			56	598.3 ✓	"	
18 L			40	599.9 ✓	Bot	Brk
25 L			24	601.5 ✓	Tp.	"
40 L			43	599.6 ✓	Bot	"
49 L			37	600.2 ✓	Tp	" @ Fnc
110 L			37	600.2 ✓	IN	CORRAL
TP			416	599.75 ✓		
	5.43	605.18 ✓				

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STATION	B. S.	H. I.	F. S.	ELEV.		
		605 18 ✓				
23+00			51	600 1 ✓	℄	
40 R			58	599 4 ✓	field	
80 R			62	599 0 ✓	"	
120 R			6[illegible]	5986 ✓	"	
21 L			49	600 3 ✓	Bot Brk	
27 L			[illegible]	[illegible] ✓	Tp. "	
40 L			51	600 1 ✓	Bot "	
50 L			49	600 3 ✓	Tp. " @ Fnc.	
115			49	600 3 ✓	in corral	
23+50			51	600 1 ✓	℄	
40 R			57	599 5 ✓	field	
80 R			60	599 2 ✓	"	
120 R			64	599 8 ✓	"	
21 L			47	600 5 ✓	Bot Brk	
23 L			32	602 0 ✓	Tp "	
36 L			55	599 7 ✓	Bot "	
48 L			49	600 3 ✓	Tp " @ Fnc	
120 L			49	600 3 ✓	in corral	

X

Profile Notes Red ____ Plotted ____ Job No. 007420 Division No. 11 F. B. 2667 Pg. 191
No. ____ Date ____ Date ____ Survey of Grand Ave
X-Sec. Notes Chkd. Miller Checked ____ Survey by [illegible] Notes [illegible] Date 10-18-61
No. ____ Date Aug 1961 Date ____ Map No. ____ Indexed R. E. OTT Date ____

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		605 18 ✓				
24+00			5 1	600 1 ✓	℄	
40 R			5 5	599 7 ✓	field	
80 R			6 1	599 1 ✓		
100 R			6 5	598 7 ✓	"	
21 L			4 6	600 6 ✓	Bot Brk	
27 L			3 2	602 0 ✓	Tp. "	
37 L			5 2	600 0 ✓	Bot Brk	
48 L			4 6	600 6 ✓	Tp " @ Fnc	
120 L			4 6	600 6 ✓	in corral	
24+50			4 9	600 3 ✓	℄	
40 R			5 4	599 8 ✓	field	
80 R			5 8	599 4 ✓	"	
100 R			6 3	598 9 ✓	"	
24 L			4 4	600 8 ✓	Bot Brk	
28 L			3 1	602 1 ✓	Tp "	
38 L			4 8	600 4 ✓	Bot "	
49 L			4 2	601 0 ✓	Tp " @ Fnc	
110 L			4 1	601 1 ✓	in corral	

F. B. 2667 Pg. 192 Job No. 007A20 Division No. 11 Notes Red Plotted Profile
Survey of Grand Ave Date Date No.
Survey by M.A. Walsh Jr. Notes M.A.W. Notes Chkd Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		605 18 ✓				
25+00			5 0	600 2 ✓	℄	
40 ℄			5 5	599 7 ✓	℄ of	
80 ℄			5 0	600 2 ✓	"	
100 ℄			6 5	598 7 ✓	"	
28 ℄			4 5	600 7 ✓	Bot Curb	
28 ℄			3 2	603 0 ✓	Top "	
28 ℄			2 1	604 8 ✓	Bot "	
40 ℄			3 7	601 5 ✓	Top " & Inc.	
100 ℄			3 2	601 8 ✓	IN CORNER	
25+50			4 7	600 5 ✓	℄	
40 ℄			5 3	599 9 ✓	Field	
80 ℄			5 9	599 3 ✓	"	
100 ℄			6 2	599 0 ✓	"	
26 ℄			4 2	601 0 ✓	Top Curb	
29 ℄			3 2	602 0 ✓	Top "	
39 ℄			4 5	600 7 ✓	Bot "	
49 ℄			4 2	601 0 ✓	Top " & Inc.	
100 ℄			4 2	601 0 ✓	IN CORNER	

Profile Notes Red. Plotted Job No. 5214-22 Division No. 11
No. X-Sec. Date Date Survey of Zone 5 Inc. 1 E
No. Notes Chkd. Miller Checked Survey by Hollingsworth Notes Mylar Date 5-15-61
Date Aug 1961 Date Map No. Indexed H. E. Oh Date

F. B. 2267 Pg. 103

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		605 18				
26+00			48	600 4	℄	
40 R			54	599 8	field	
80 R			60	599 2	"	
120 R			64	598 8	"	
26 L			43	600 9	Bot Brk.	
29 L			31	602 1	Tp. "	
37 L			46	600 6	Bot "	
48 L			40	601 2	Tp. " @ Fnc	
120 L			41	601 1	IN CORRAL	
26+50			48	600 4	℄	
40R			54	599 8	field	
80R			59	599 3	"	
120 R			64	598 8	"	
26 L			43	600 9	Bot Brk	
29 L			30	602 2	Tp "	
37 L			47	600 5	Bot "	
48 L			41	601 1	Tp " @ Fnc.	
120 L			40	601 2	IN CORRAL	
T.P.			504	600 14		
	469	604 83				

F. B. 2667 Pg. 194 Job No 0074.20 Division No 11 Notes Red. Plotted Profile
Survey of GRAND AVE Date Date No. X-Sec.
Survey by M.A. Walsh Notes M.A.W. Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		604 83 ✓				
27+00			47	6001 ✓	℄	
40 R			53	5995 ✓	field	
80 R			58	5990 ✓	"	
120 R			60	5988 ✓	"	
27 L			40	6008 ✓	Bot Bar.	
[illegible] L			30	6018 ✓	Tp "	
[illegible] L			46	6002 ✓	Bot "	
49 L			40	6008 ✓	Tp " @ Fnc.	
[illegible] L			39	6009 ✓	IN CORRAL	
27+50			47	6001 ✓	℄	
40 R			51	5997 ✓	field	
80 R			58	5990 ✓	"	
120 R			63	5985 ✓	"	
27 L			43	6005 ✓	Bot Bar	
30 L			39	6009 ✓	Tp "	
40 L			45	6003 ✓	Bot "	
49 L			40	6008 ✓	Tp " @ Fnc.	
120 L			41	6007 ✓	IN CORRAL	

X

Profile Notes Red. Plotted Job No. 0074.2 Division No. 11 F. B. 2667 Pg. 195
No. Date Date Survey of GRAND AVE
X-Sec. Notes Chkd. Miller Checked Survey by M.A. Whitsit Jr. Notes M.A.W. Date 8-18-61
No. Date Aug 1961 Date Map No. Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		604 83				
28+00			2 8	601 0	℄	
40 R			4 8	600 0	field	
80 R			5 3	599 5	"	
120 R			5 5	599 3	"	
[illegible]			3 7	601 1	Tp Brk	
35 L			4 2	600 6	Bot "	
50 L			3 6	601 2	Tp " [illegible]	
120 L			3 6	601 2		
28+13			4 8	600 0	Tp Brk	
28+17			7 6	597 2	Bot "	
28+37			7 0	597 3	Bot "	
BM			4 99	599 84		
	9 38	609 22				
TP			2 92	606 30		
	6 60	612 90				
28+52			7 0	605 9	Tp Brk	
40 R			7 2	605 7	" "	
40 L			6 3	606 6	" "	
28+56			6 2	606 7	Bot Ballast	
28+58			5 1	607 8	Tp Ballast	

F. B. 2667 Pg. 196
Job No. CC74-20 Division No. 11 Notes Red. Plotted Profile
Survey of Grand Ave Date Date No.
Survey by M.A. Walsh Notes Mad Notes Chkd Checked X-Sec.
Indexed H. E. Ott Date Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		612 90 ✓				
28+60.89			4 46	608 44 ✓	Tp No Rail U.P.R.R.	
28+63.34			5 10	607 80 ✓	Ctr Tracks on G-6 C.E Tag & Nail	
28+65 79			4 45	608 45 ✓	Tp So. Rail U.P.R.R.	
100' R		Tp No Rail	5 55	607 35 ✓		
		Ctr	6 15	606 75 ✓		
		Tp So Rail	5 52	607 38 ✓		
200' R		Tp No Rail	6 61	606 29 ✓		
		Ctr	7 22	605 68 ✓		
		Tp So Rail	6 59	606 31 ✓		
300 R		Tp No Rail	7 68	605 22 ✓		
		Ctr	8 28	604 62 ✓		
		Tp So Rail	7 68	605 22 ✓		
100' L		Tp No Rail	3 38	609 52 ✓		
		Ctr	3 96	608 94 ✓		
		Tp S. Rail	3 37	609 53 ✓		
200' L		Tp No Rail	2 32	610 58 ✓		
		Ctr	2 94	609 96 ✓		
		Tp So Rail	2 32	610 58 ✓		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0074.20 Division No. 11 F. B. 2667 Pg. 197

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

Notes Chkd. Miller Checked ____ Survey by M.A. Walsh Jr. Notes M.A.W. Date 8.18.61

No. ____ Date Aug 1961 Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		612 90				
		Tp No Rail	1 23	611 67		
300' L		CTR	1 87	611 03		
		Tp So Rail	1 23	611 67		
28+67			5 1	607 8	Tp. Ballast	
28+70			6 4	606 5	Bot Ballast	
28+74			6 0	606 0	Tp Bkr	on line pool from North
28+90			15 4	597 5	Bot Bkr	" " " " "
29+09			16 9	596 0	Bot Cut	" " " " "
29+13			12 2	600 7	field	" " " " "
40 R			12 8	600 1	field	
80 R			13 5	599 4	"	
120			13 8	599 1	"	
40 L			12 1	600 8		
80 L			12 1	600 8		
120 L			11 6	601 3		

F. B. 2667 Pg. 198 Job No 007420 Division No. 11 Notes Red. Plotted Profile
Survey of Grand Ave Date Date No. X-Sec.
Survey by M A Walsh Jr Notes M A W Notes Chkd. Checked
Indexed H. E. Ott Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		612 90				
29 x 50			13 1	599 8	on line prod from North	
40 R			13 7	599 2	field	
80 R			14 1	598 8	"	
120 R			14 4	598 5	"	
40 L			12 8	600 1	"	
80 L			12 5	600 4	"	
120 L			12 1	600 8	"	
P#5			7 65	605 25	P#5 Tp 1" I.P. FB 2667-106-135 Elev 605.27	

Profile Notes Red ____ Plotted ____ Job No. 007420 Division No. 11 F. B. 2667 Pg. 199
No. ____ Date ____ Date ____ Survey of Grand Ave
X-Sec. Notes Chkd Miller Checked ____ Survey by M.A. Wasser Notes M.A.W. Date 8-18-61
No. ____ Date Aug 1961 Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2667 Pg. 200 Job No. Division No. Notes Red: Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

Notes Ck'd by H. E. AUSTIN	Survey of GRAND AVE
Map No. B-2897	JN 00 74.20 Tape 187 Std 84 °F
Office Work G. D. BAILEY	Surveyed by O.E. Holmes
Checked H. E. AUSTIN	Notes Holmes Date 6-64
Date Oct. 16-1969	Indexed [redacted]

F. B. 2667 PG. 201

J.N. 00 74.20

GRAND AVE

& SURVEY FROM

VALLEY BLVD. S'ELY TO

BREA CANYON RD.

INDEX.

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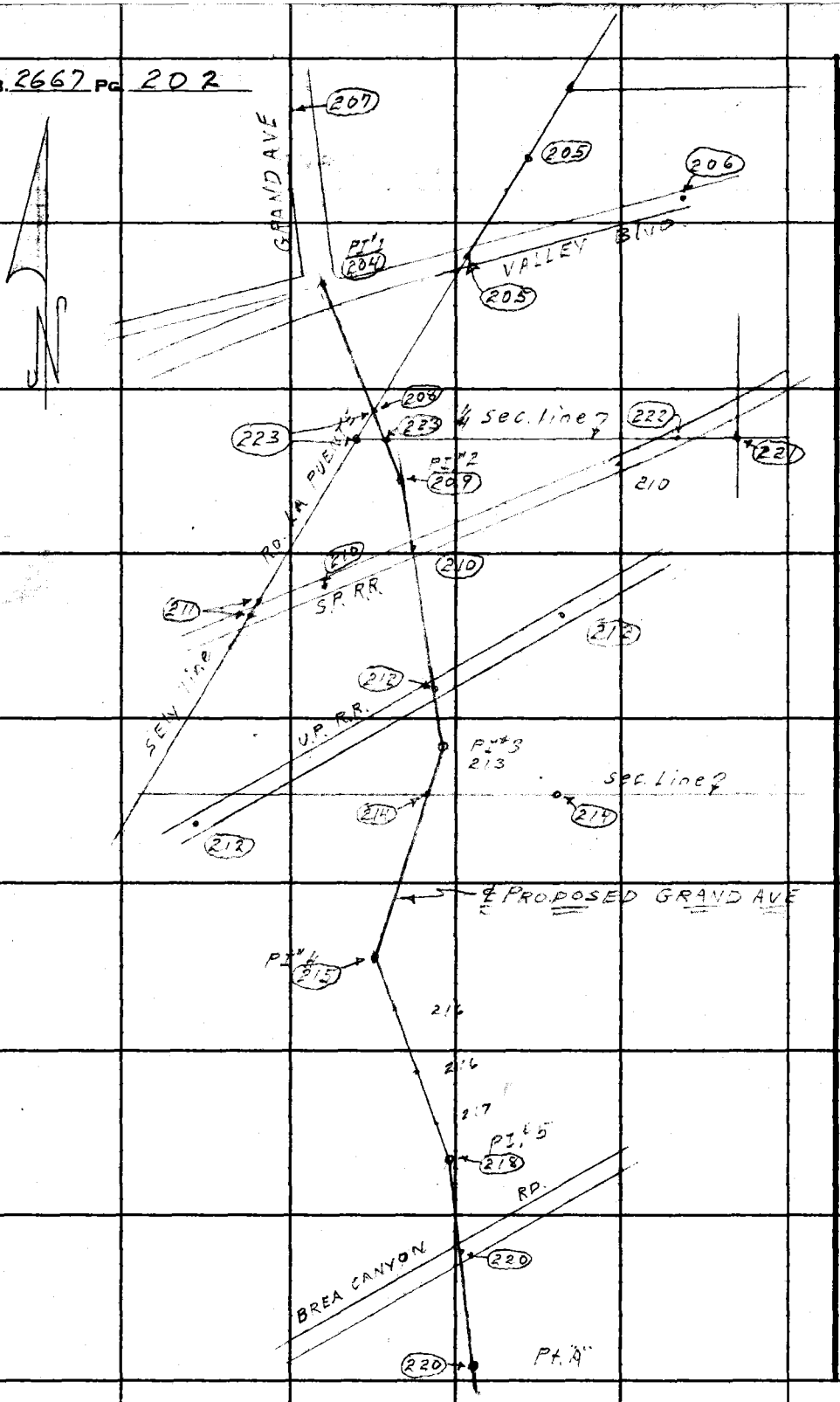
76F309S CE #310 6-62

F. B. 2667 PG 202



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Notes Ck'd by H. E. AUSTIN	Survey of GRAND AVE
Map No. B-2897	JN 0074.20 Tape 187 Std 84 °F
Office Work G. D. BAILEY	Surveyed by [illegible]
Checked H. E. AUSTIN	Notes [illegible] Date 5-64
Date Oct. 16-1964	Indexed E. J. GALLI

F. B. 2667 PG. 203

J.N. 0074.20
GRAND AVE
& SURVEY from
VALLEY BLVD. S'Ely. To
BREA CANYON RD

Holmes
Walsh Jr.
Moya
Massey

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76F309S CE #310 6-63

F. B. 2667 PG. 204
Contd. Bot. Pg. 207
69.22@0-00 T-66° = 69.21
119.37@0-00 T-66° = 119.36
1. 168.74@3-23 T-66° = 168.43
2. 168.82@3-47 T-66° = 168.43
Av. = 168.43
83.37@0-00 T-70° = 83.36
75.04@0-00 T-74° = 75.04
310.11@0-00 T-74° = 310.09
1. 66-40-20
4. 266-40-50
6. 40-01-20
Av. 66-40-15
W.S. 39, B-2
COUNTY ENGINEER
P.I.
R.E. 5869
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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.
BC Set SW+T
50' 03 F.B. 2911-160-161
GRAND AVE
Catch M.
63.36
Fd. LA Co. Rd. Dept. Brass Cap mon. in Well with Cover dn. 8" checks on line F.B. 2911-160
PROPOSED GRAND AVE
P.I. #21-A
Fd. C.E. mon. dn. 12"
FB. 2667-104-164
FB. 2911-160
used for line
man. mrked. as Shown
80' F.B. 2911-160
RP-PI #1
Set 1" I.P.-L.A. Co. Engr. Tag & nail on line Prod. dn. 12"
New PI. #1
Set 2" I.P.-L.A. Co. Engr. Tag & nail dn. 18" on line Prod. from the W. Per. Staking Plans.
1. 151-11-50
4. 244-47-40
6. 187-12-00
Av. 151-12-00
℄ GRAND AVE Curve
Δ = 28-48-00
R =
T = 385.13
L =
151-12-00
168.43
set N+T T.P.
62.08
64.00
Set (x) on rim MWD-MH
COUNTY ENGINEER
R.E. 5869
Set N in MWD MH
81.18
75.04
670.61
81.45
69.21
Set SPK & Tin by inter.
Contd. To Pg. 208
Fd. C.E. mon. in well with Cover dn. 8"
F.B. 2667-164
mon. mrked. as Shown
LA PUENTE RD
140.50 Pg. 164
36.31
310.09
119.36
66-40
BLVD
VALLEY
Fd. Std. LA Co. Rd. Dept. Brass Cap mon. in well with cover. dn. 12 Used S.E.ly. P.M. FB 2667-164
100' Tape .021 std. @ 68°
36.31@0-00 T-74° = 36.31
RP-PI #1
Set 1" IP-LA Co. Engr. Tag & nail dn. 12"
Contd To Pg. 207

Notes Ck'd by R. E. AUSTIN	Survey of GRAND AVE
Map No. 8-2897	JN007420 Tape 187 Std 84 °F
Office Work G. D. BAILEY	Surveyed by DEHolmes
Checked H. E. AUSTIN	Notes Holmes Date 5-11-64
Date Oct. 16-1964	Indexed [redacted] J. GALLI

F. B. 2667 Pg. 205

W.S. 39, B-2

55.06@0-00T-80°=55.06 ✓

54.66@0-00T-80°=54.66 ✓

Fd. GE mon. dn. 18" FB 2911-139 mon. marked as shown used for line

1. 96.00@4-23T-66°=95.71 ✓
2. 96.08@4-57T-66°=95.71 ✓
1. 300.04@12-02T-70°=293.42 ✓
2. 300.27@12-14T-70°=293.42 ✓
251.93@0-00T-68°=251.90 ✓
47.14@0-00T-70°=47.14 ✓
Av. Total = 688.17 ✓

1. 291.85@10-19T-70°=287.10 ✓
2. 291.97@10-27T-70°=287.10 ✓
1. 240.45@5-29T-74°=239.33 ✓
2. 240.52@5-37T-74°=239.35 ✓
1. 239.45@3-13T-72°=239.05 ✓
2. 239.41@3-01T-72°=239.06 ✓
174.92@0-00T-80°=174.92 ✓
177.65@0-00T-80°=177.65 ✓
113.82@0-00T-80°=113.82 ✓
101.64@0-00T-80°=101.64 ✓
35.43@0-00T-80°=35.43 ✓
Av. Total = 1368.95 ✓

COUNTY ENGINEER R.E. 5869

Set 1"x2"&Tck.

1. 36-58-20
4. 147-53-00
6. 221-49-40
Av. 36-58-15

36-58-15

29" adj.

Contd. bot. Pg. 206

LA PUENTE 1368.95

0.10

Fd. 1½" I.P.-P&Tck. LS Tag 2508 dn. 18" R.S.-78-2

55.06

Fd. W. Spk. dn. 6" no refer.

1877.40

0.06

Set 1" I.P.-LA Co. Engr. Tag by Inter. (Flush)

BLVD

1.10

0.08

0.06

1.10

1" I.P.

VALLEY

670.61

54.66

Fd. 1½" I.P.-P&Tck. dn. 3" LS Tag RS. 78-2 Calls for ¾" I.P.

Ro. 249.37

0.08

from Rt. Pg. 204

100' Tape #0211 Std. @ 68° ✓

670.58@0-00T-76°=670.61 ✓

Set 1"x2"&Tck.

249.41@0-00T-60°=249.37 ✓

201.91@0-00T-60°=201.88 ✓
182.49@0-00T-68°=182.47 ✓
Total = 384.35 ✓

S. ELY LINE 384.35

Contd. Top Rt. Pg 208

See F.B. 562-360

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76F309S CE #310 6-63

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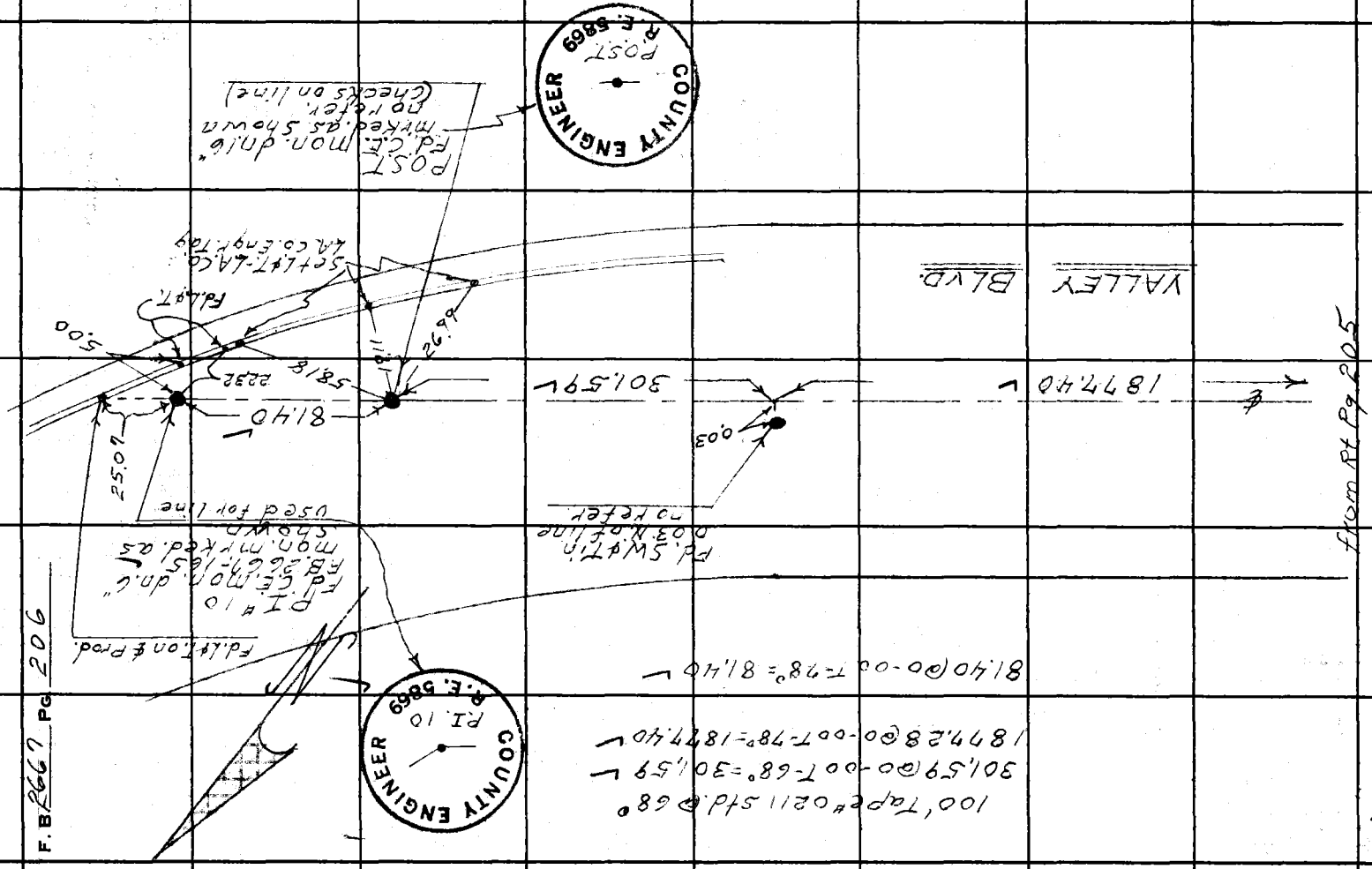
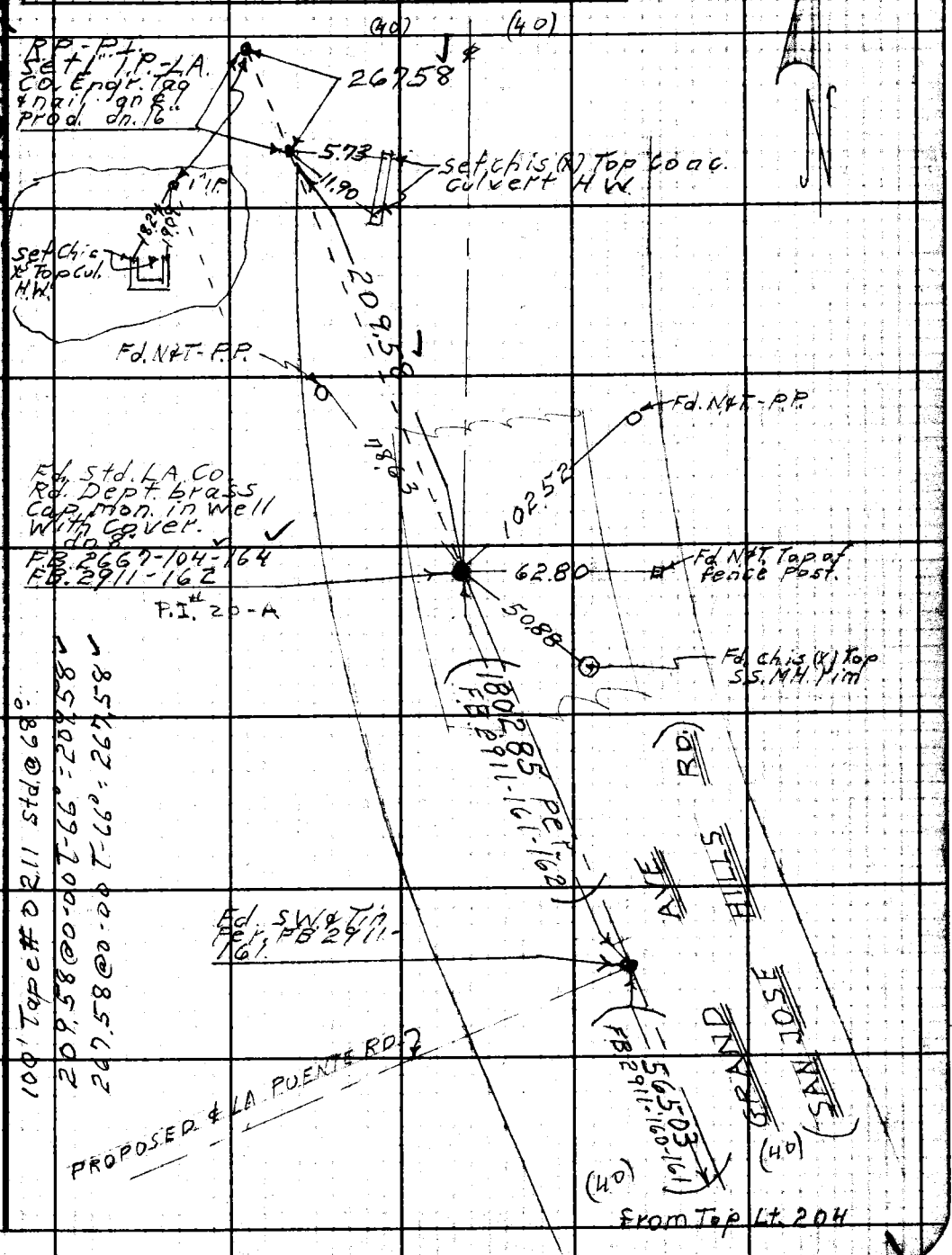
W.S. 39, B-2



W.S. 39.B-2

Notes Ck'd by H. E. AUSTIN	Survey of GRAND AVE
Map No. B-2897	JN 0074.20 Tape 187 Std 84 °F
Office Work G. D. BAILEY	Surveyed by D.E. Holmes
Checked H. E. AUSTIN	Notes Holmes Date 5-8-64
Date Oct. 1964	Indexed [illegible]

F.B. 2667 Pg. 207



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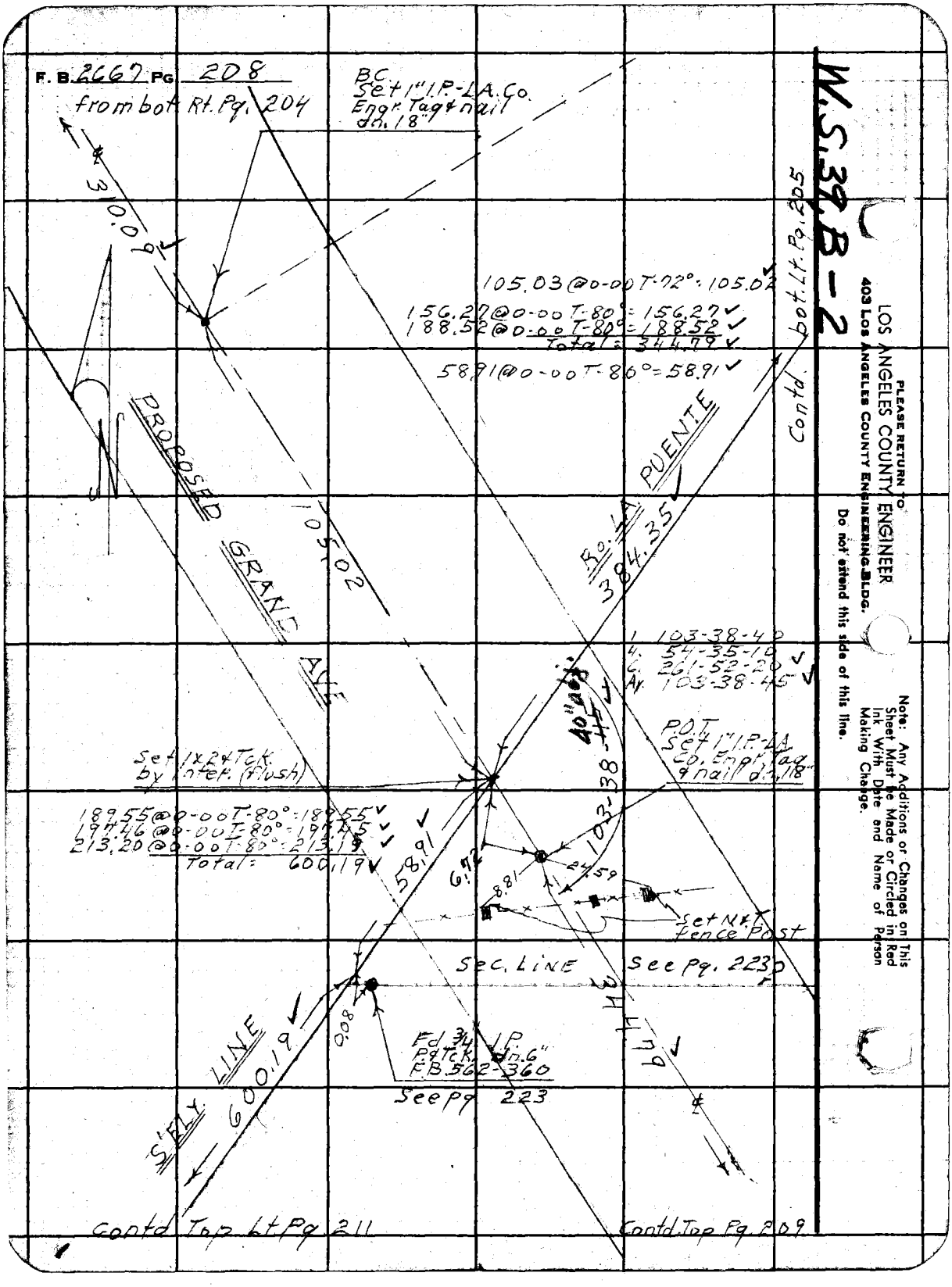
76F3095 CE #310 6-62


F. B. 2667 Pg 208
from bot Rt. Pg. 204
BC
Set 1" I.P.-LA. Co.
Engr. Tag & nail
dn. 18"
310.09
105.03 @ 0-00 T-72° = 105.02
156.27 @ 0-00 T-80° = 156.27
188.52 @ 0-00 T-80° = 188.52
Total = 344.79
58.91 @ 0-00 T-80° = 58.91
Contd. bot. Lt. Pg. 205
PROPOSED GRAND AVE
105.02
Ro. LA. PUENTE
384.35
1. 103-38-40
4. 54-35-10
6. 261-52-20
Ay. 103-38-45
40"
P.O.T.
Set 1" I.P.-LA.
Co. Engr. Tag
& nail dn. 18"
Set 1x2 & Tck.
by Inter. (flush)
189.55 @ 0-00 T-80° = 189.55
197.46 @ 0-00 T-80° = 197.45
213.20 @ 0-00 T-80° = 213.19
Total = 600.19
58.91
6.72
8.81
24.59
103-38
Set N & T
fence Post
Sec. Line
See Pg. 223
0.08
Fd 3/4" I.P.
P & Tck. dn. 6"
F.B. 562-360
See Pg 223
S'ELY LINE
600.19
344.79
Contd Top Lt Pg 211
Contd Top Pg 209
W.S. 39, B-2
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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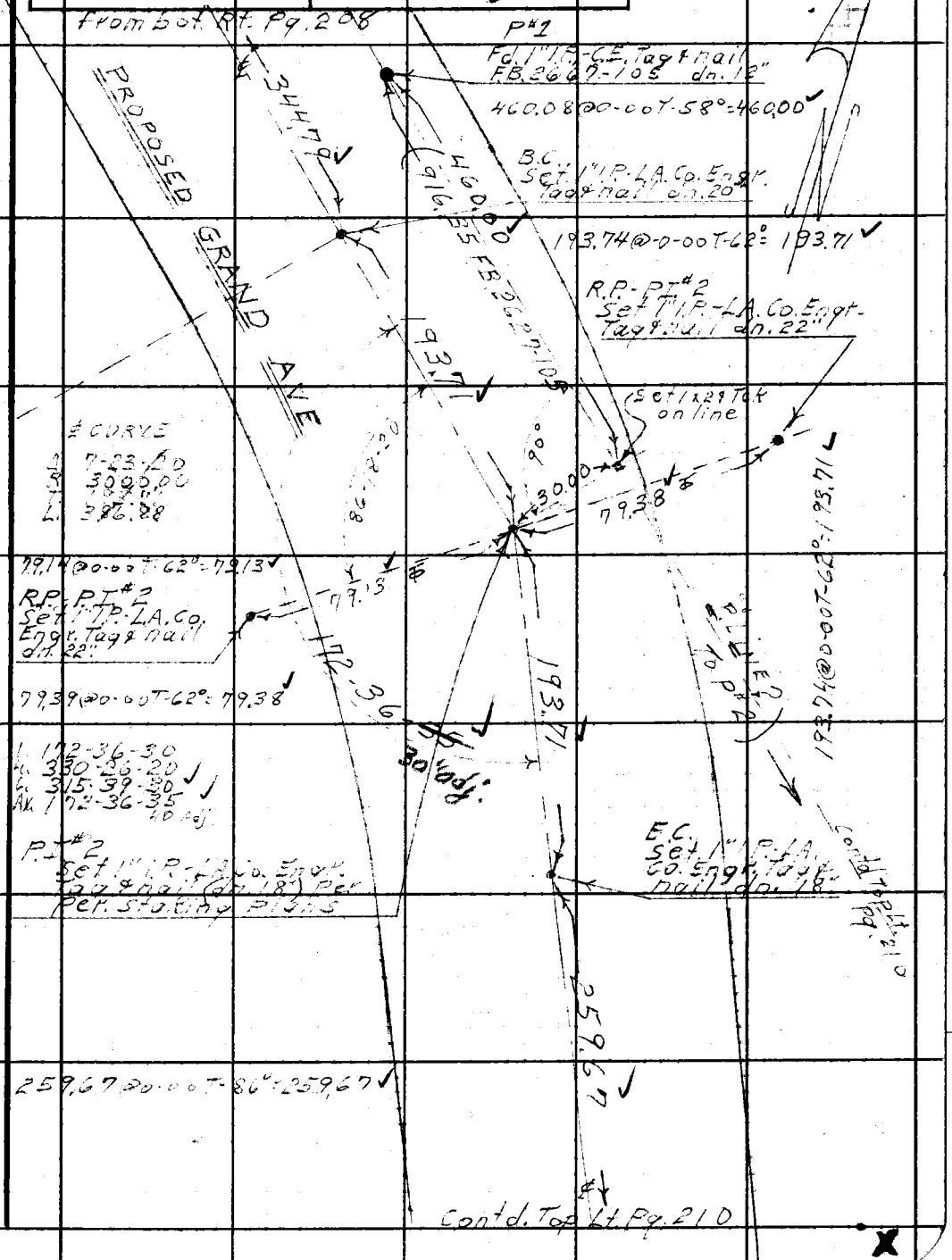
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by H. E. AUSTIN	Survey of Grand Ave
Map No. B-2897	JN 00742.0 Tape 187 Std 84 °F
Office Work G. D. BAILEY	Surveyed by D.E. Holmes
Checked H. E. AUSTIN	Notes Holmes Date 5-6-64
Date OCT. 1964	Indexed [redacted] J. GALLI

F. B. 2667 PG. 209



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

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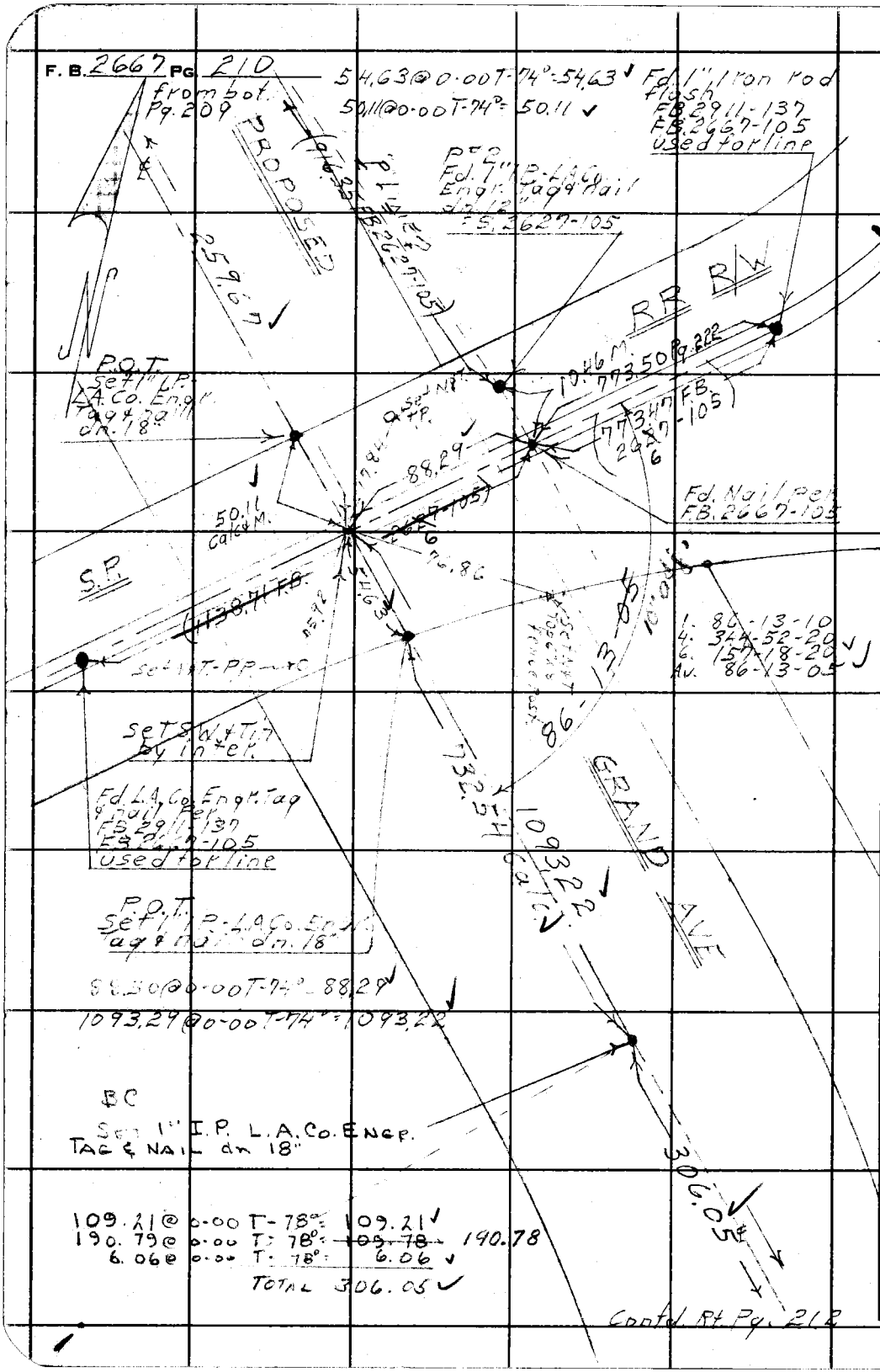
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-53

F. B. 2667 PG. 210



W.S. 39, B-2

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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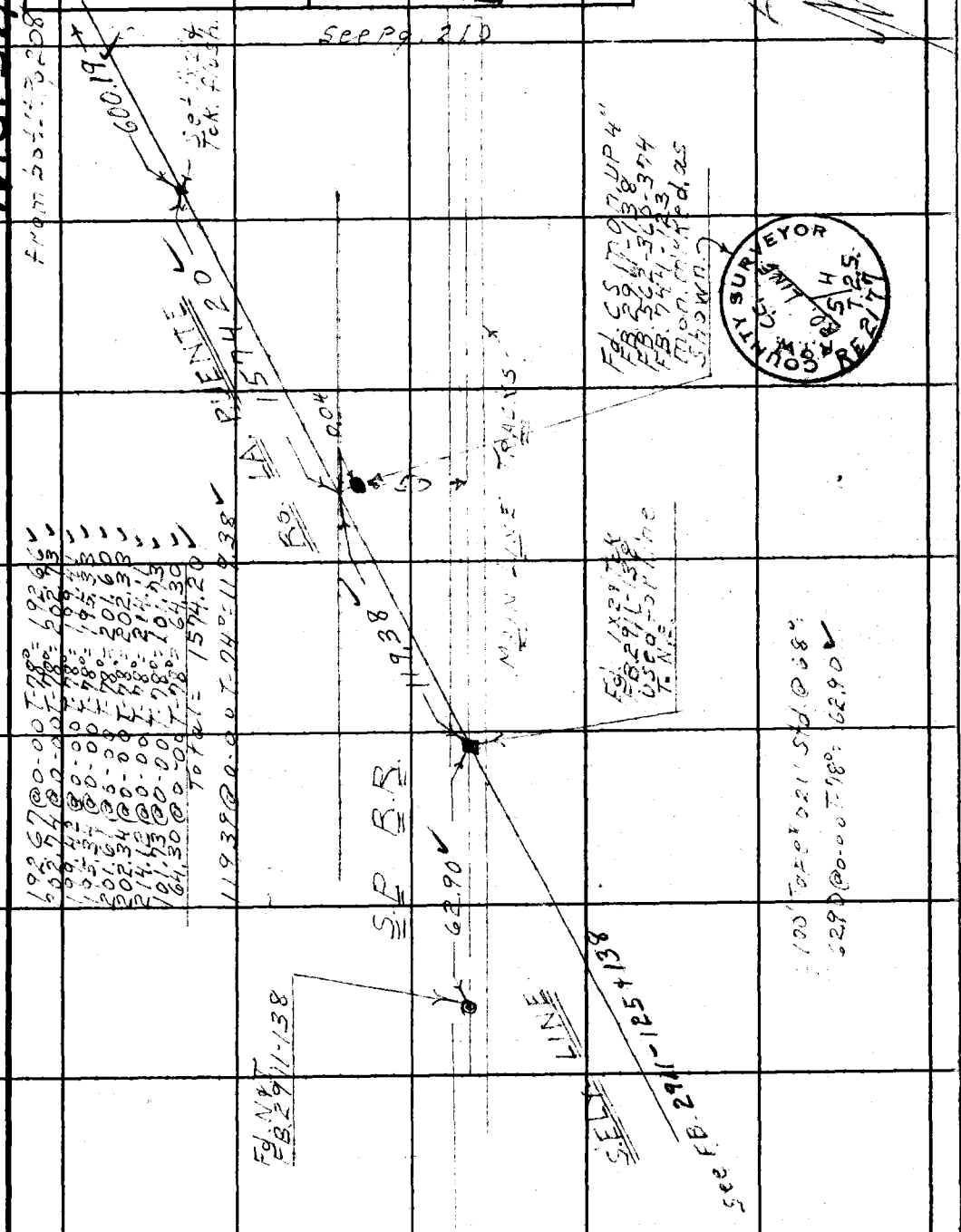
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by H. E. AUSTIN	Survey of Grand Ave
Map No. B-2897	JN 0074,20 Tape 187 Std 84° °F
Office Work G. D. BAILEY	Surveyed by D.E. Holmes
Checked H. E. AUSTIN	Notes Holmes Date 5-14-64
Date OCT. 1964	Indexed G. J. GALLI

F. B. 2667 PG. 211

W.S. 39, B-2



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.

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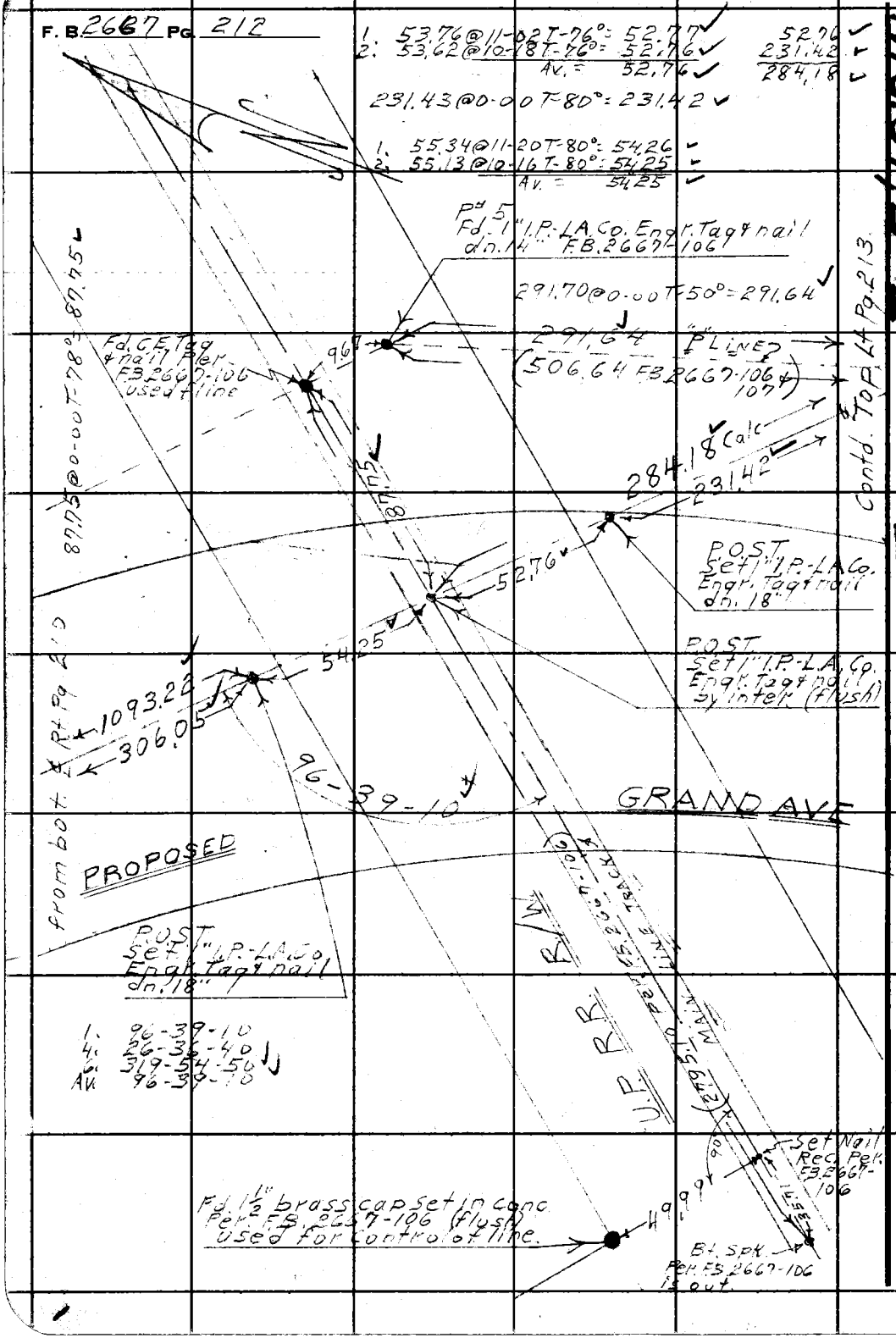
76F3098 CE #310 6-63

F. B. 2667 Pg. 212



W.S. 39, B-2

[redacted]

PLEASE RETURN TO
LOS ANGELES COUNTY E[redacted]
403 Los Angeles County Engi[redacted]
Do[redacted] this side of this line.

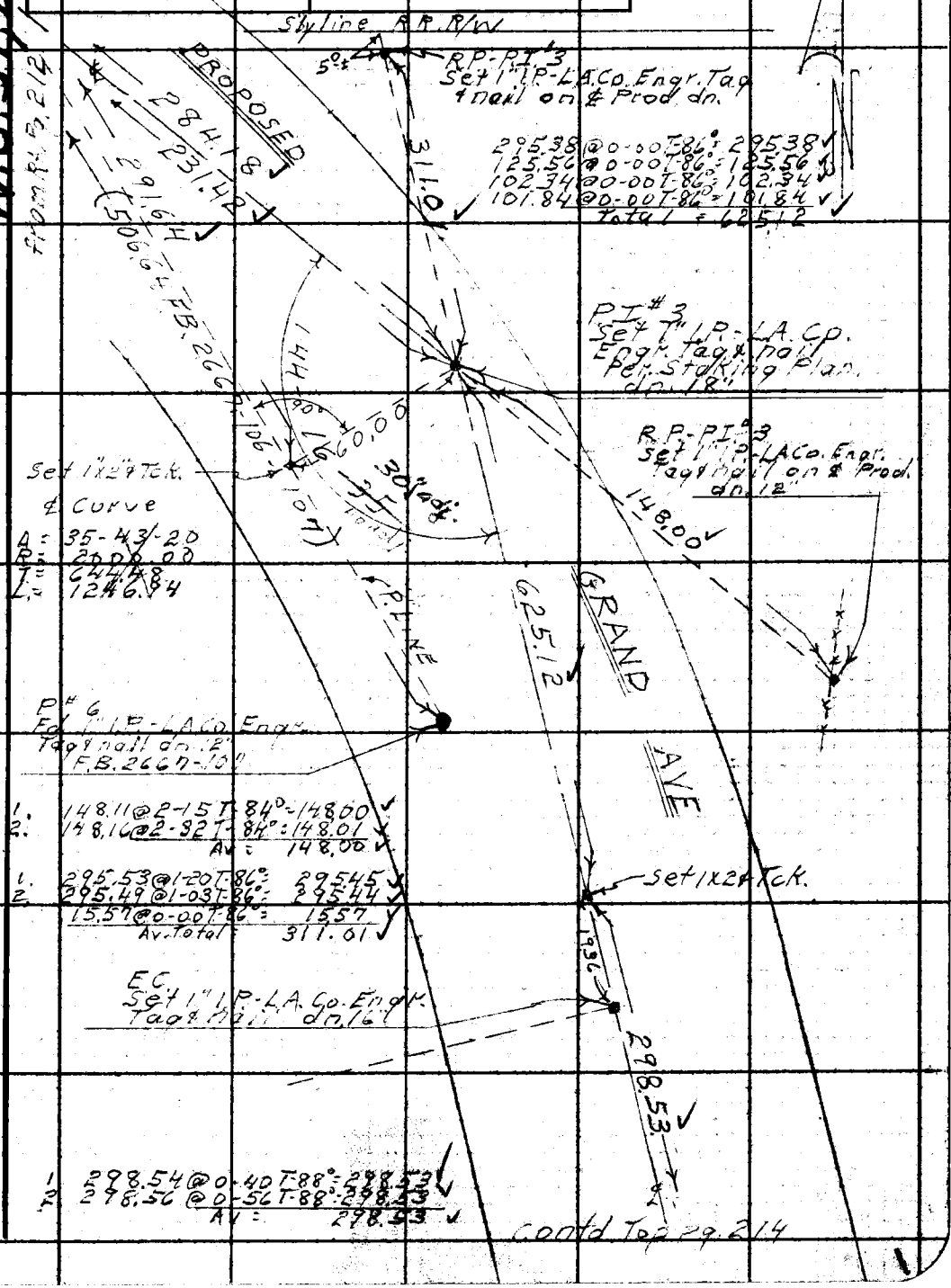
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by H. E. AUSTIN	Survey of Grand Ave
Map No. B-2897	JN 007420 Tape 187 Std 84 °F
Office Work G. D. BAILEY	Surveyed by D.E. Holmes
Checked H. E. AUSTIN	Notes Holmes Date 5-22-64
Date OCT. 1964	Indexed C. J. GALLI

F. B. 2667 PG. 213

1. 144-16-30
4. 217-06-20
6. 145-39-40
AV. 144-16-35

W.S. 39, B-2



Contd. Top pg. 214

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

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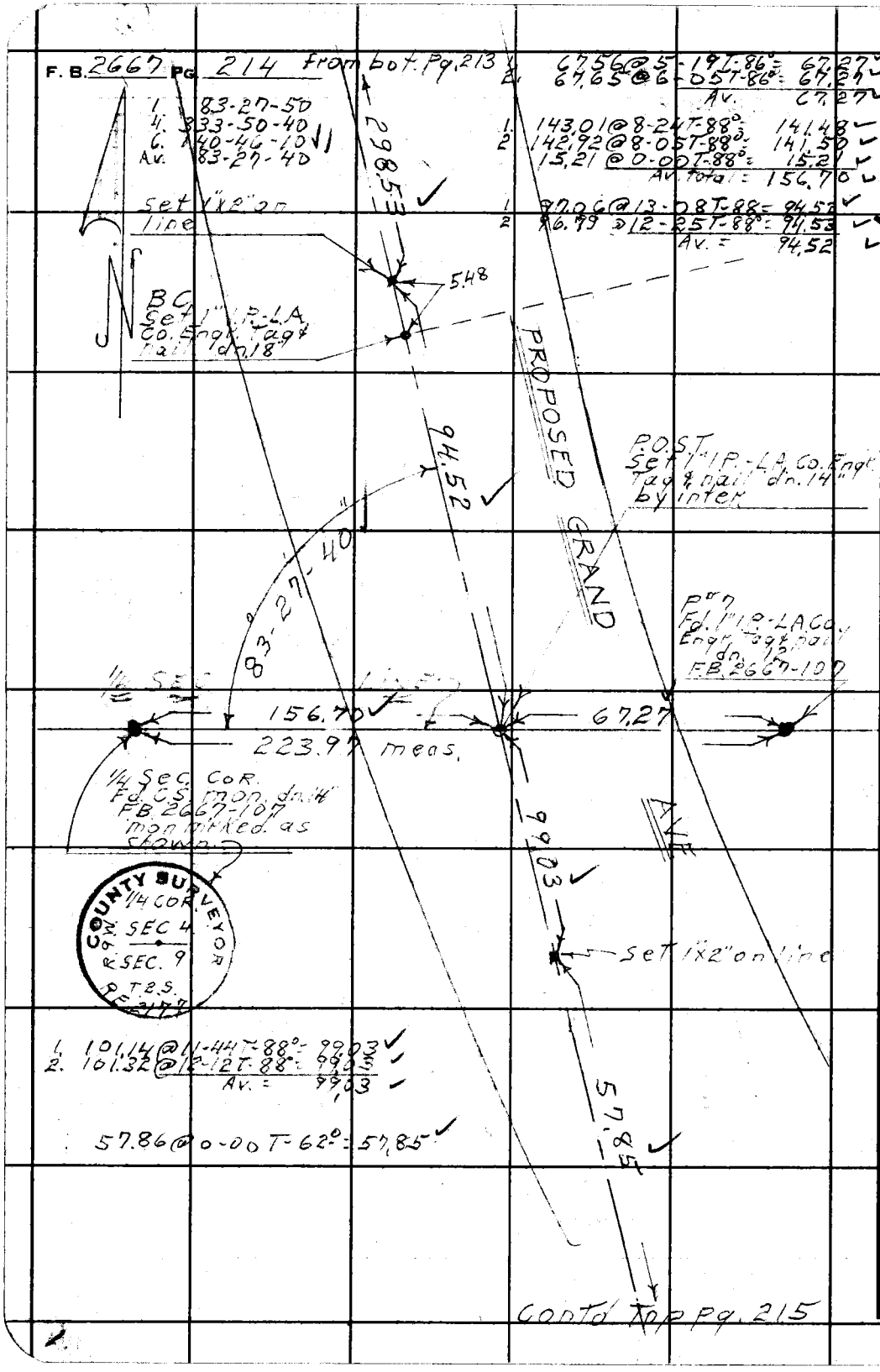
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63



1. 67.56 @ 5-19 T-86° = 67.27
2. 67.65 @ 6-05 T-86° = 67.27
Av. 67.27

1. 143.01 @ 8-24 T-88° = 141.48
2. 142.92 @ 8-05 T-88° = 141.50
15.21 @ 0-00 T-88° = 15.21
Av. total = 156.70

1. 97.06 @ 13-08 T-88 = 94.52
2. 96.99 @ 12-25 T-88° = 94.53
Av. = 94.52

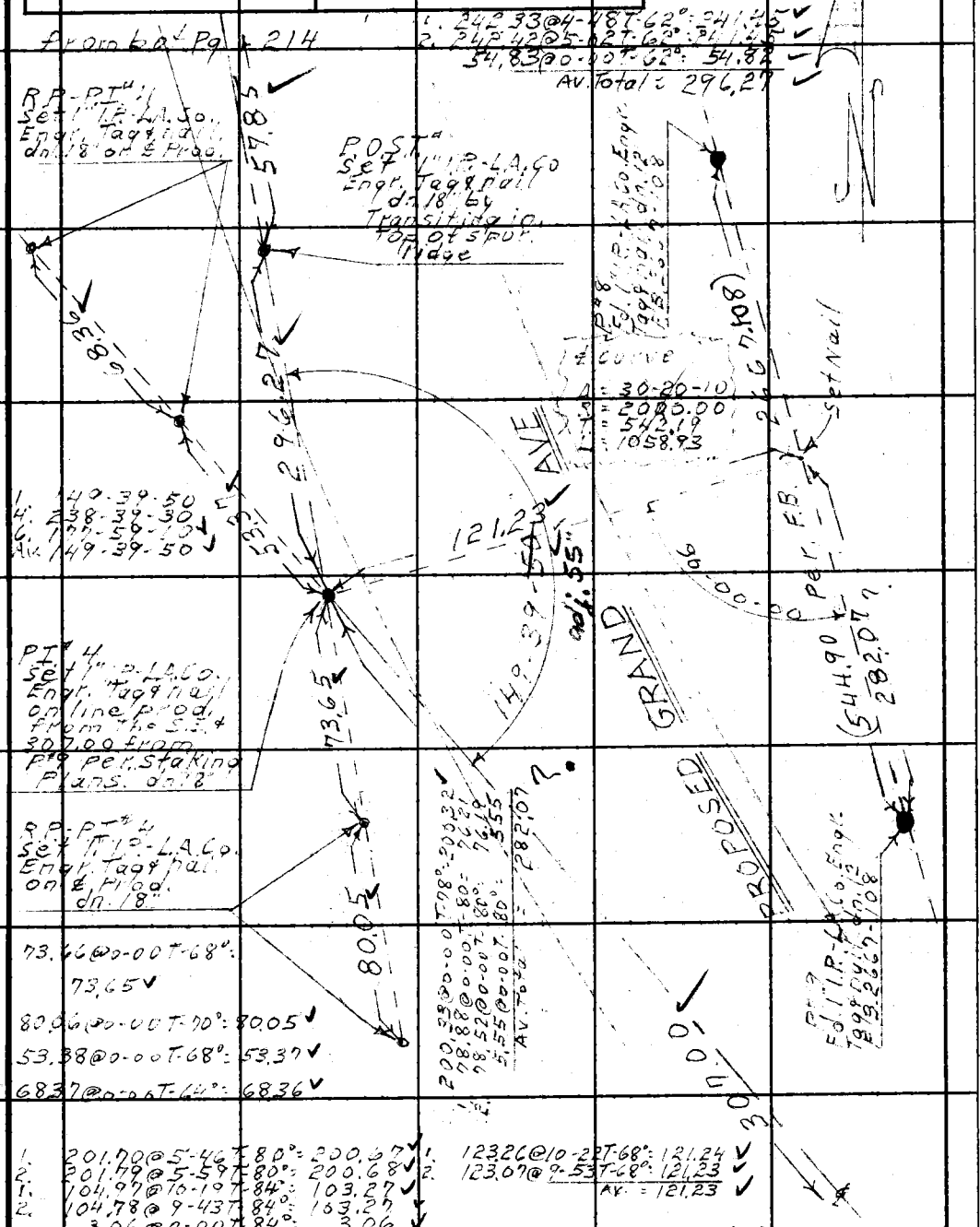
W.S. 39, B-2

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.

Notes Ck'd by H. E. AUSTIN	Survey of GRAND AVE
Map No. B-2897	JN 007420 Tape 187 Std 84 °F
Office Work G. D. BAILEY	Surveyed by D.E. Holmes
Checked H. E. AUSTIN	Notes Holmes Date 6-10-64
Date OCT. 1964	Indexed G. J. GALLI

F. B. 2667 PG. 215



1. 149-39-50
4. 238-39-30
6. 177-59-10
Av. 149-39-50

73.66@0-00T-68°: 73.65

80.06@0-00T-70°: 80.05

53.38@0-00T-68°: 53.37

68.37@0-00T-64°: 68.36

1. 201.70@5-46T-80°: 200.67
2. 201.79@5-59T-80°: 200.68
1. 104.97@10-19T-84°: 103.27
2. 104.78@9-43T-84°: 103.27
3.06@0-00T-84°: 3.06
Av. Total: 307.00

1. 123.26@10-22T-68°: 121.24
2. 123.07@9-53T-68°: 121.23
Av. = 121.23

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

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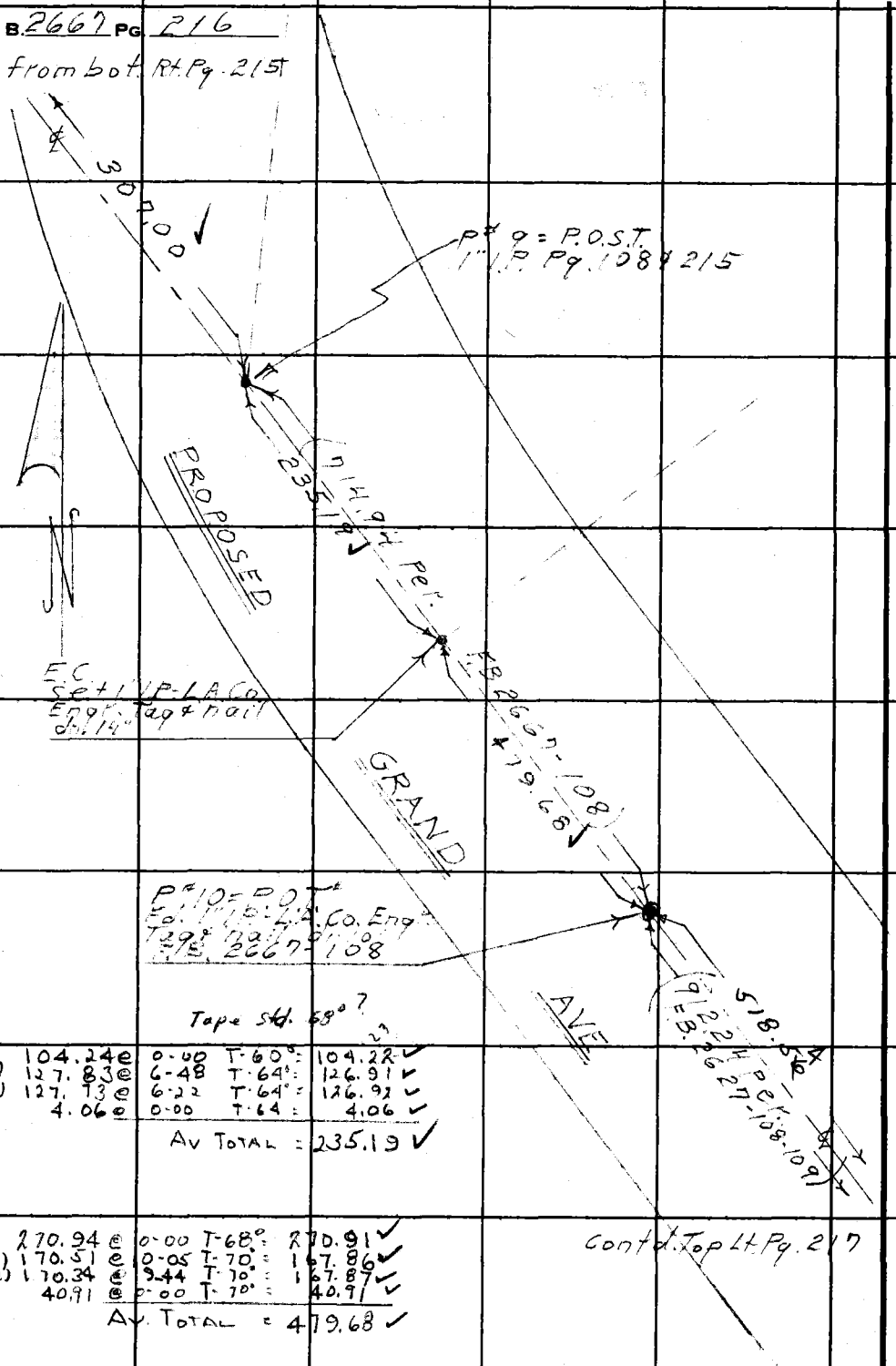
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-63

F. B. 2667 PG. 216

from bot. Rt. Pg. 215



	104.24 @	0-00	T-60° =	104.22
1)	127.83 @	6-48	T-64° =	126.91
2)	127.73 @	6-22	T-64° =	126.92
	4.06 @	0-00	T-64 =	4.06
		Av TOTAL =		235.19

	170.94 @	0-00	T-68° =	170.91
1)	170.51 @	0-05	T-70° =	167.86
2)	170.34 @	9-44	T-70° =	167.87
	40.91 @	0-00	T-70° =	40.91
		Av. TOTAL =		479.68

Contd. Top Lt. Pg. 217

X

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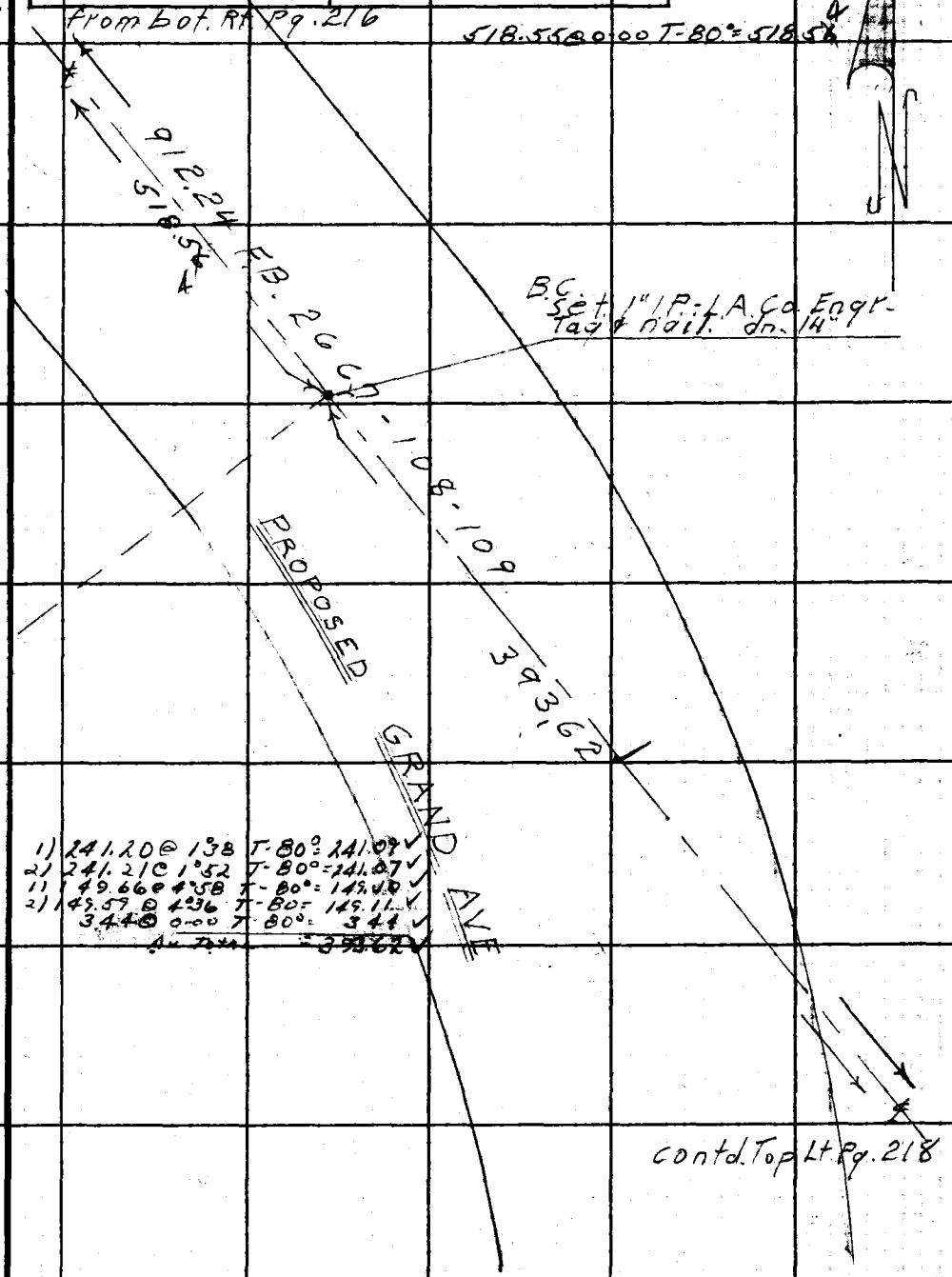
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by H. E. AUSTIN	Survey of GRAND AVE
Map No. 8-2897	JN 0074.20 Tape 187 Std 84 °F
Office Work G. D. BAILEY	Surveyed by D.E. Holmes
Checked H. E. AUSTIN	Notes Holmes Date 6-11-64
Date OCT. 1964	Indexed G. J. GALLI

F. B. 2667 PG. 217



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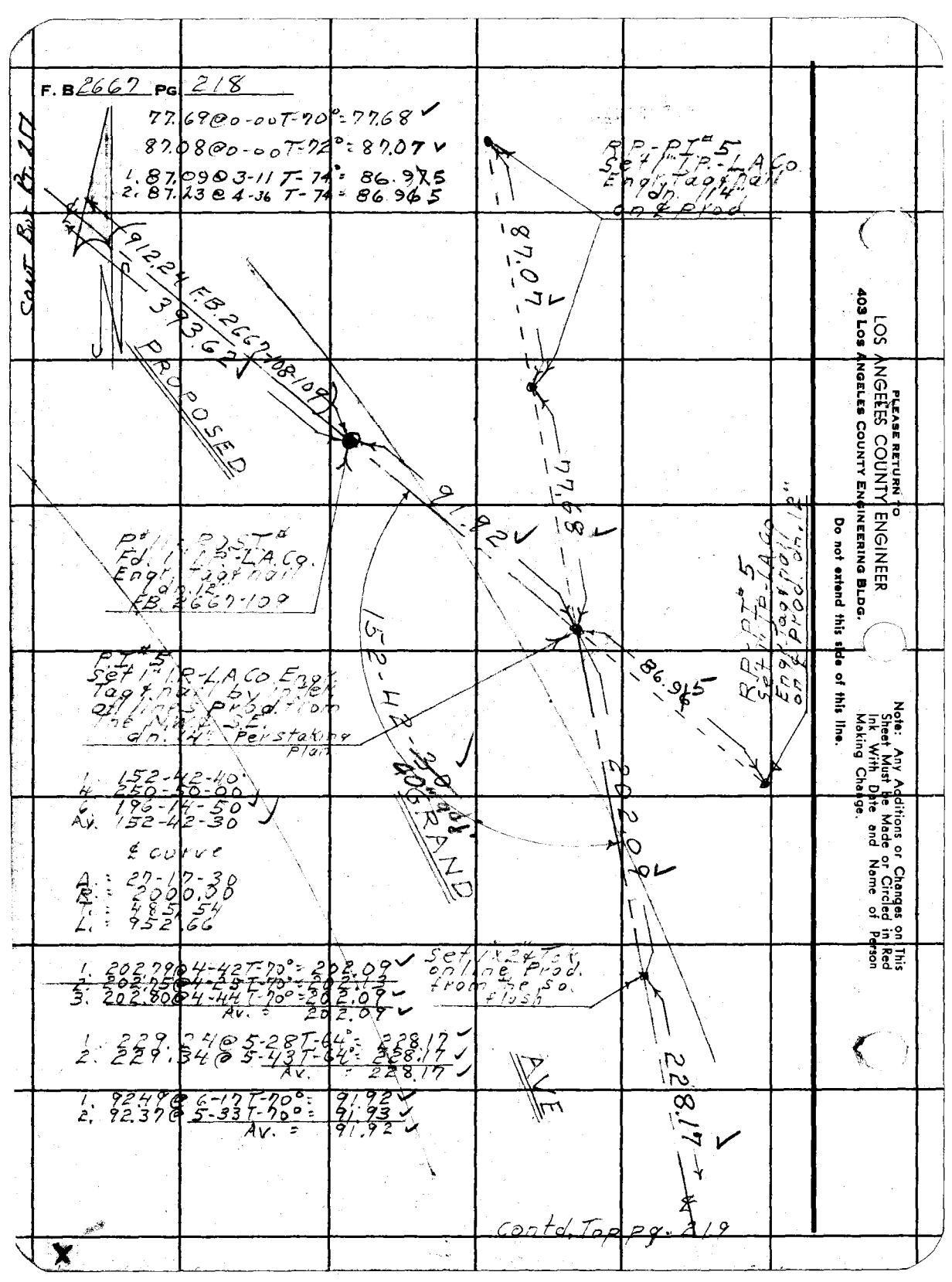
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

F. B 2667 PG 218



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403 Los Angeles County Engineering Bldg.

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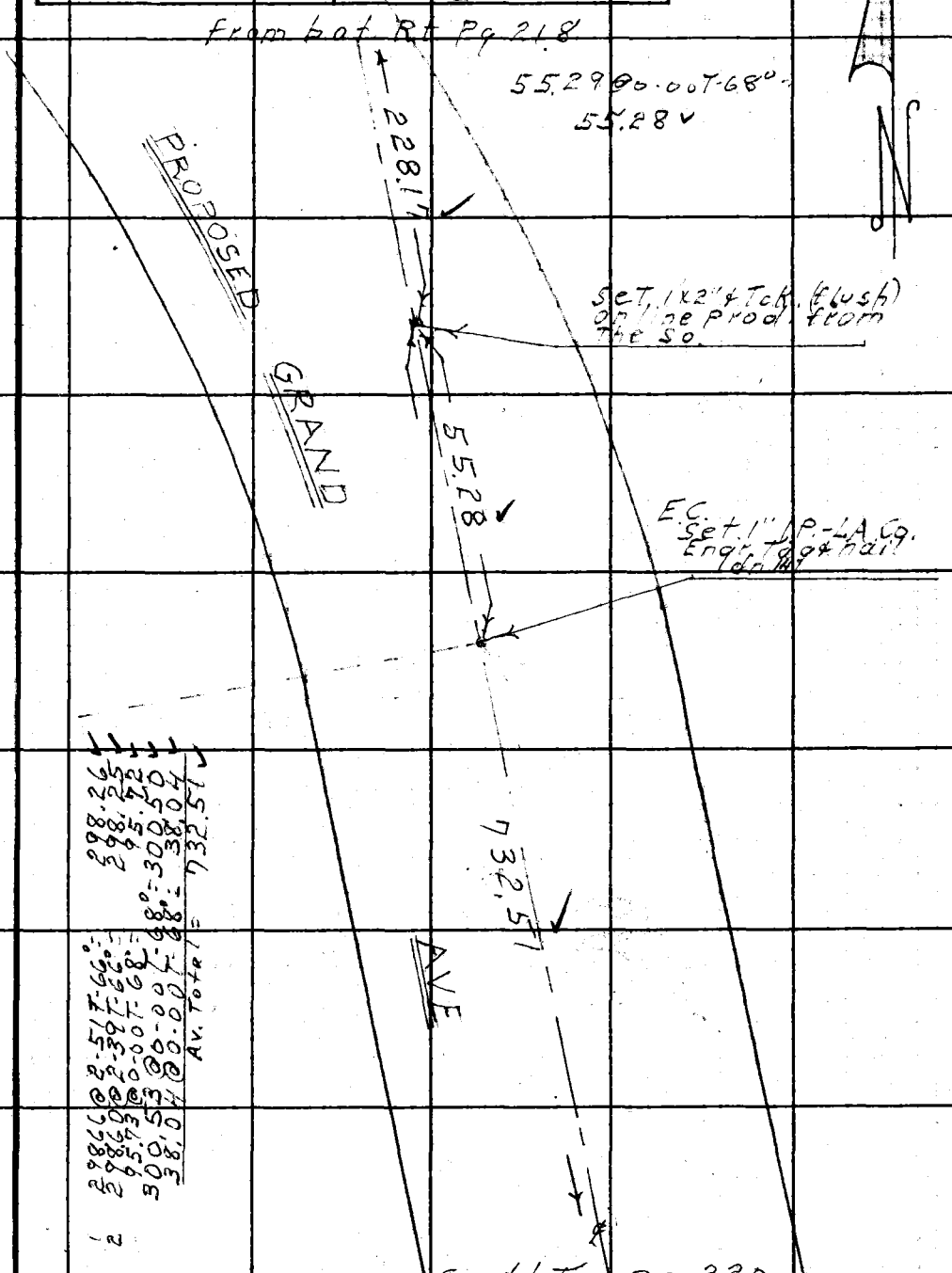
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by H. E. AUSTIN	Survey of GRAND AVE
Map No. B-2897	JN 0074.20 Tape 187 Std 84 °F
Office Work G. D. BAILEY	Surveyed by P.E. Holmes
Checked H. E. AUSTIN	Notes Holmes Date 6-11-64
Date OCT. 1964	Indexed E. J. GALLI

F. B. 2667 PG. 219



298.26
298.25
295.72
300.50
38.04
Av. Total = 732.51

298.66 @ 2-51 T-66°
298.60 @ 2-39 T-66°
295.73 @ 0-00 T-68°
300.53 @ 0-00 T-68°
38.04 @ 0-00 T-68°

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 6-62

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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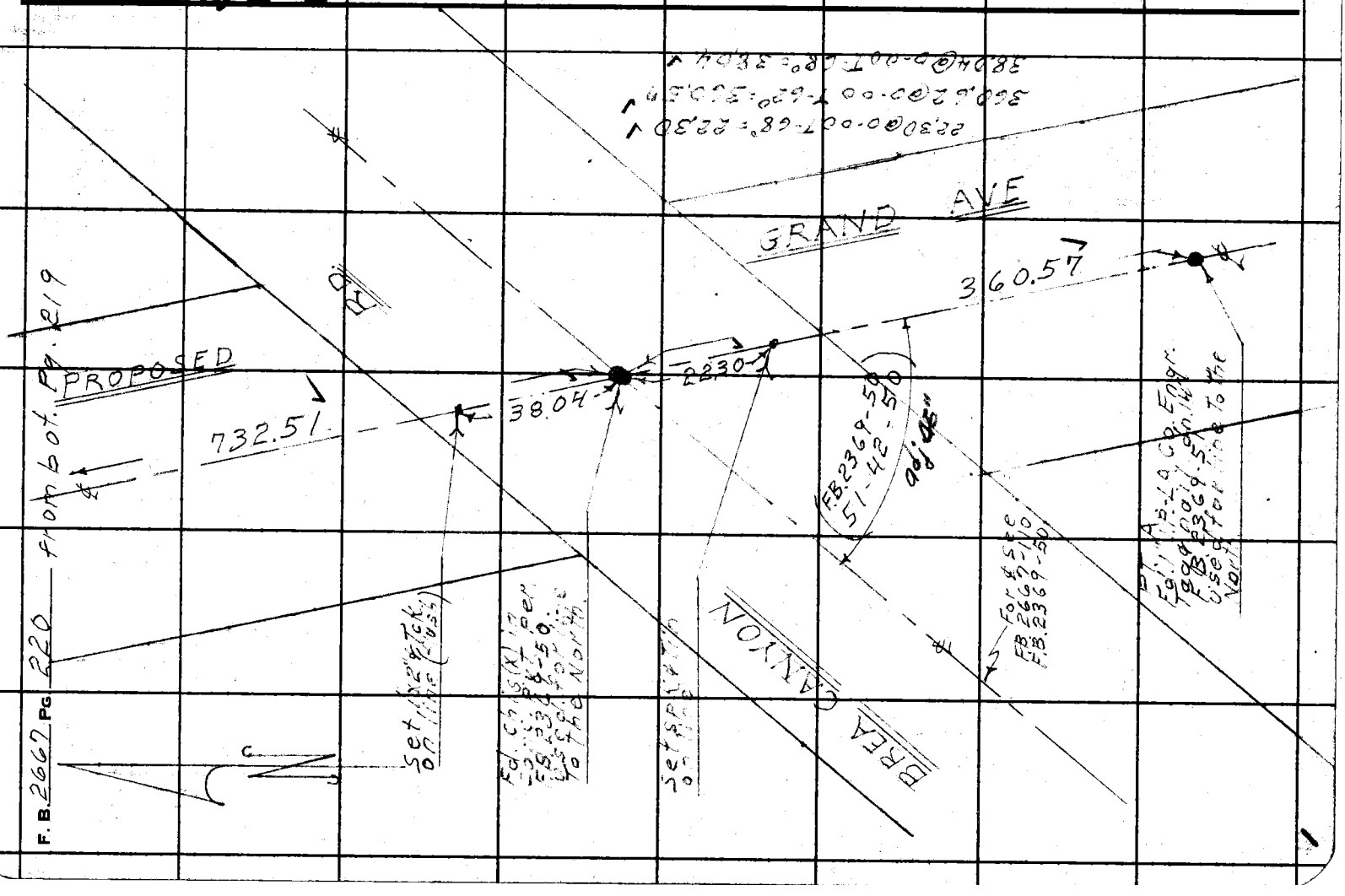
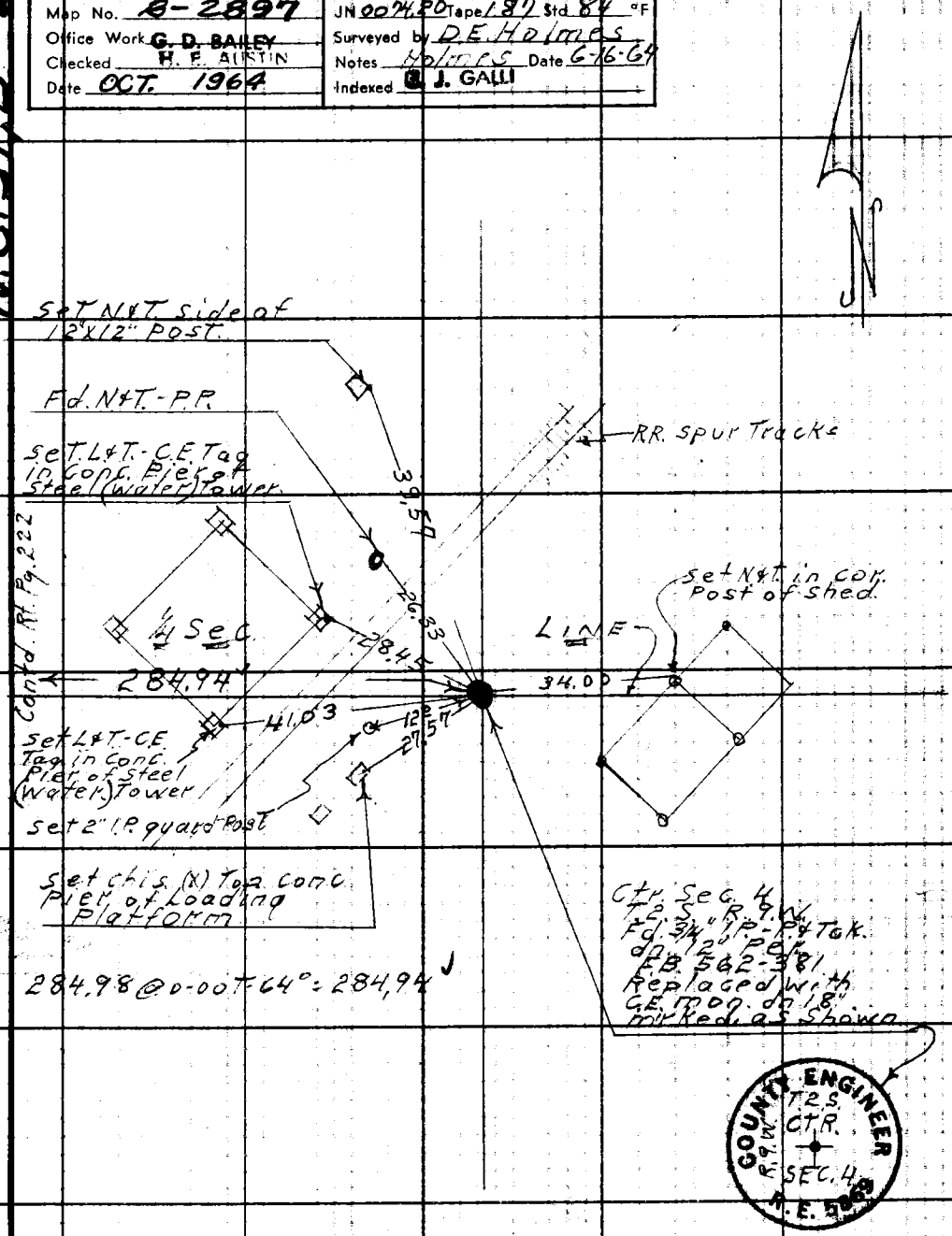
W.S.39, C-3



W.S.39.B-2

Notes Ck'd by H. E. AUSTIN	Survey of GRAND AVE
Map No. B-2897	JN 0074.20 Tape 187 Std 84 °F
Office Work G. D. BAILEY	Surveyed by D.E. Holmes
Checked H. E. AUSTIN	Notes Holmes Date 6-16-64
Date OCT. 1964	Indexed G. J. GALLI

F. B. 2667 PG. 221



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

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

F. B. 2667 PG. 222

100' Tape # 0211 Std. @ 68°
122.92 @ 0-00 T-64° = 122.92 ✓
773.51 @ 0-00 T-66° = 773.50 ✓

1. 39-21-10
4. 157-24-50
6. 236-07-10
Av. 39-21-10

COUNTY SURVEYOR 103-15 R/W. W.B. RE 2177

Fd. C.S. mon. up 6"
F.B. 744-48
F.B. 562-381
F.B. 2667-105
mon. m'rked as shown.

Set 1" I.P.-LA Co. Engr. tag & nail dn. 18"

R/W

28.92

1427.90 ✓

78.41

284.94 ✓
Line

Set Sp. K & Tin by inter.

122.92 ✓

Contd. Top Pg. 223

39-21-10

1/4 Sec.

S.P.-R.R.

773.50 ✓

Fd. 1" Iron rod. (flush)
F.B. 2911-137
F.B. 2667-105-210-
used for line

78.41 @ 0-00 T-66° = 78.40 ✓

186.54 @ 0-00 T-76° =	186.53 ✓
211.16 @ 0-00 T-76° =	211.15 ✓
195.17 @ 0-00 T-76° =	195.16 ✓
156.46 @ 0-00 T-76° =	156.45 ✓
176.98 @ 0-00 T-76° =	176.97 ✓
75.57 @ 0-00 T-76° =	75.57 ✓
120.86 @ 0-00 T-62° =	120.84 ✓
80.96 @ 0-00 T-62° =	80.95 ✓
120.75 @ 0-00 T-62° =	120.73 ✓
25.15 @ 0-00 T-62° =	25.15 ✓
78.41 @ 0-00 T-66° =	78.40 ✓
Total =	1427.90 ✓

Fd. Nail Per. Pg. 105-210

from Lt. Pg. 221

W.S. 39, B-2

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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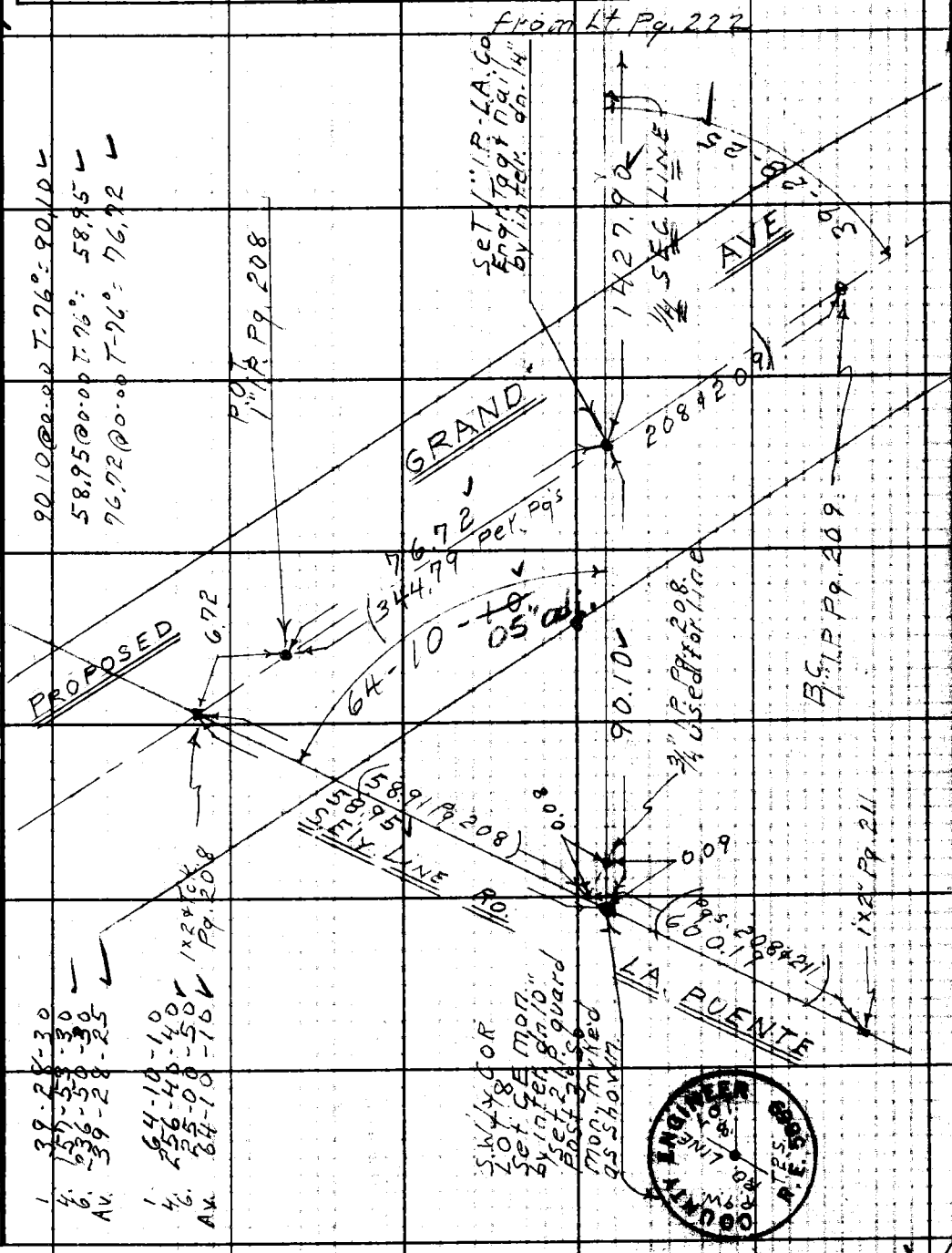
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by H. E. AUSTIN	Survey of GRAND AVE	F. B 2667 Pg. 223
Map No. B-2897	JN 007420 Tape 187 Std 84' °F	
Office Work G. D. BAILEY	Surveyed by D.E. Holmes	
Checked H. E. AUSTIN	Notes Holmes Date 6-16-64	
Date OCT. 1964	Indexed J. GALLI	

W.S. 39, B-2



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.

76F3095 CE #3 0 8-62

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F. B. 2647 PG. 2-24

Notes Ck'd by	Survey of PUDDINGSTONE REC	F.B. 2667 Pg. 225
Map No.	JN 0054.99 Tape Std 68 °F	
Office Work	Surveyed by M. SOTRO	
Checked	Notes M.S. Date 4-3-70	
Date	Indexed C. J. GALLI APR 15 '70	

0054.99

PUDDINGSTONE RESERVOIR STATE
AND
COUNTY RECREATION AREA
NORTH SHORE DEVELOPMENT

PRELIMINARY SURVEY FOR SEWAGE
FORCE MAIN

SEE PAGE 249 FOR PROFILE & CROSS SECTION

REF: F.B. 2667-5 TO 13
C.S. B-2764
C.S. B-2437

SOTRO
SMITH N.
COOK

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

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PLEASE RETURN TO
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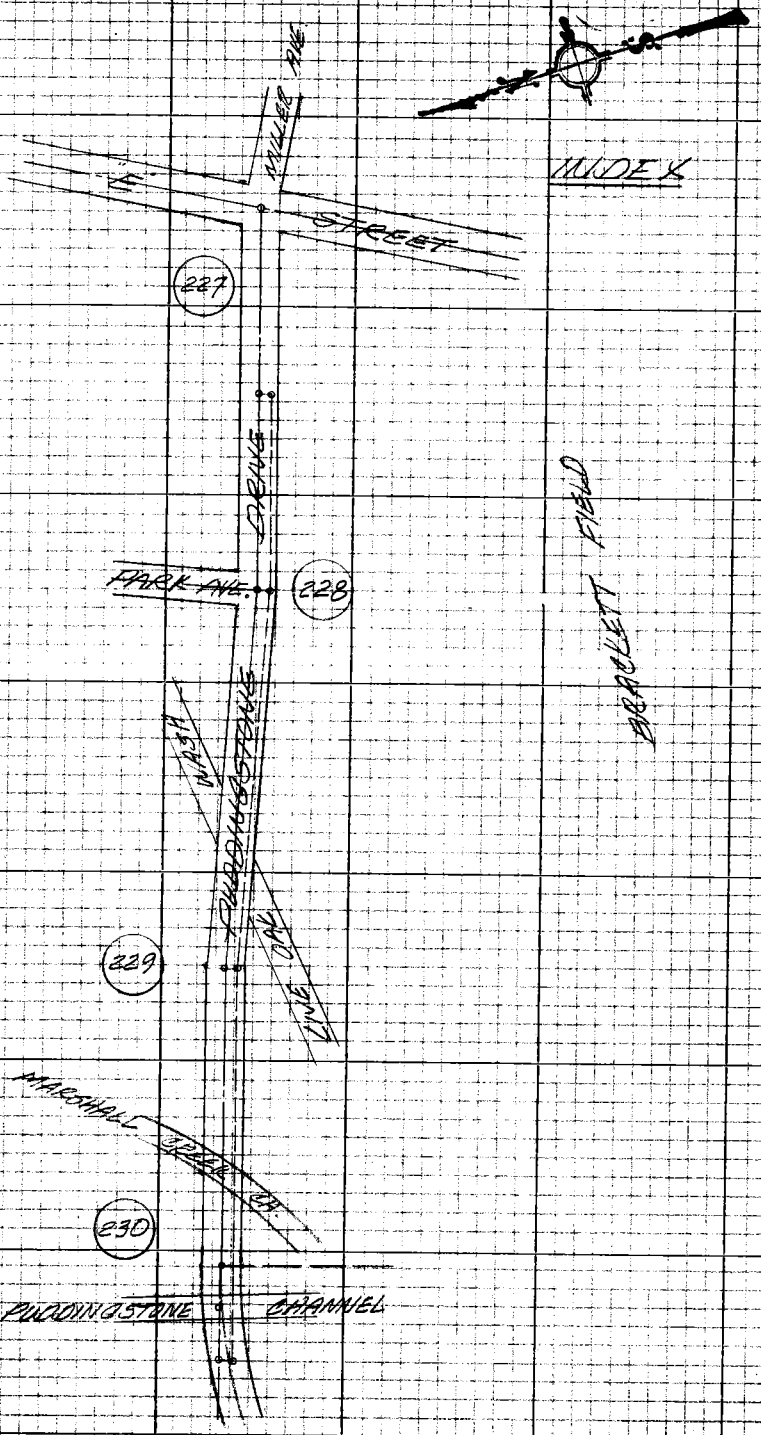
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CR #310 5-66

F.B. 2667 Pg. 226



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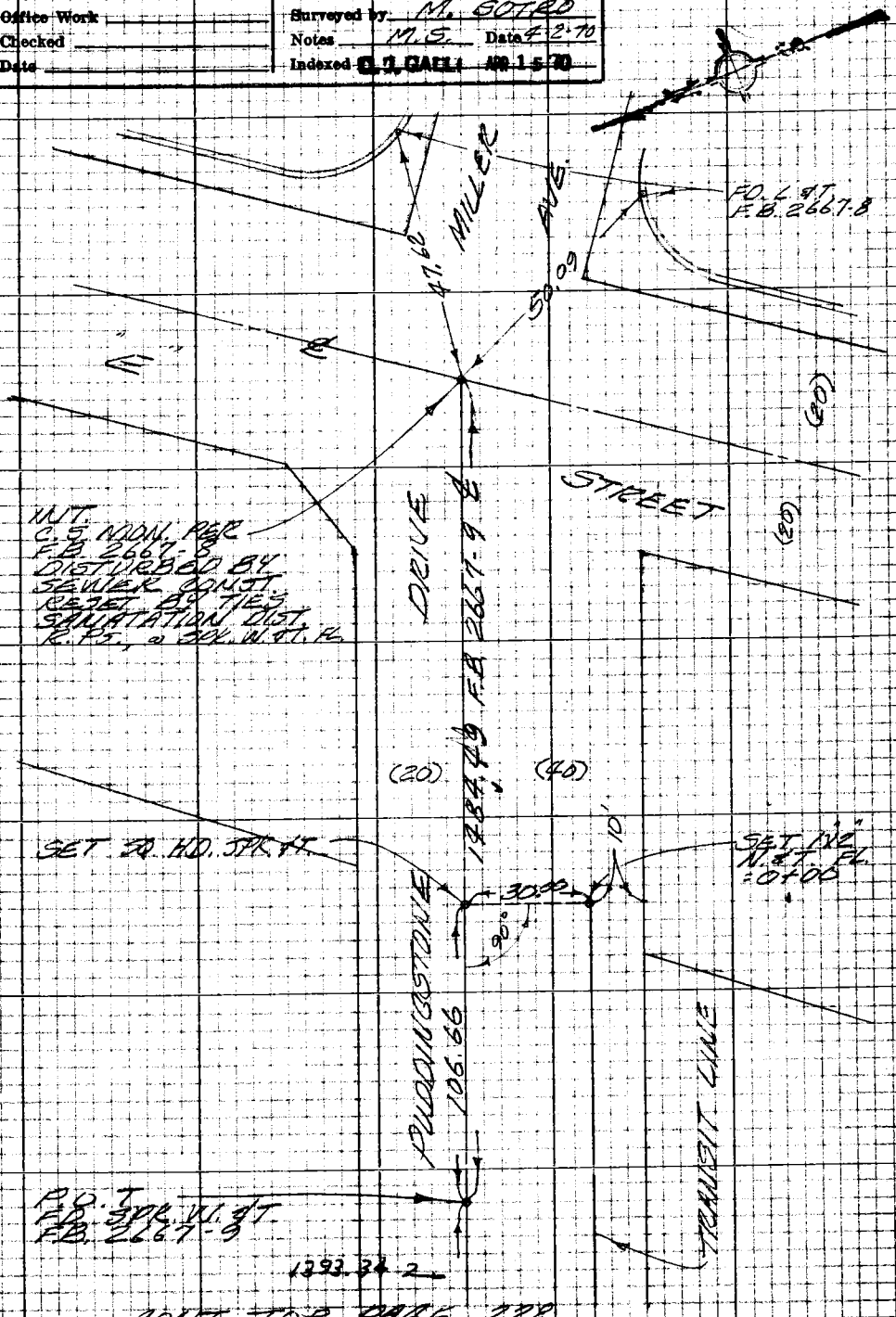
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this block or this line.

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

Notes Ck'd by D. SAPPELL	Survey of PUDDINGSTONE REC.	F.B. 2667 Pg. 227
Map No.	JN 00 34.99 Tape Std 68 °F	
Office Work	Surveyed by M. SOTRO	
Checked	Notes M.S. Date 4-2-70	
Date	Indexed C. J. GAELL APR 15 70	

W.S. 49, A-2



CONT. TOP PAGE 228

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

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 8-66

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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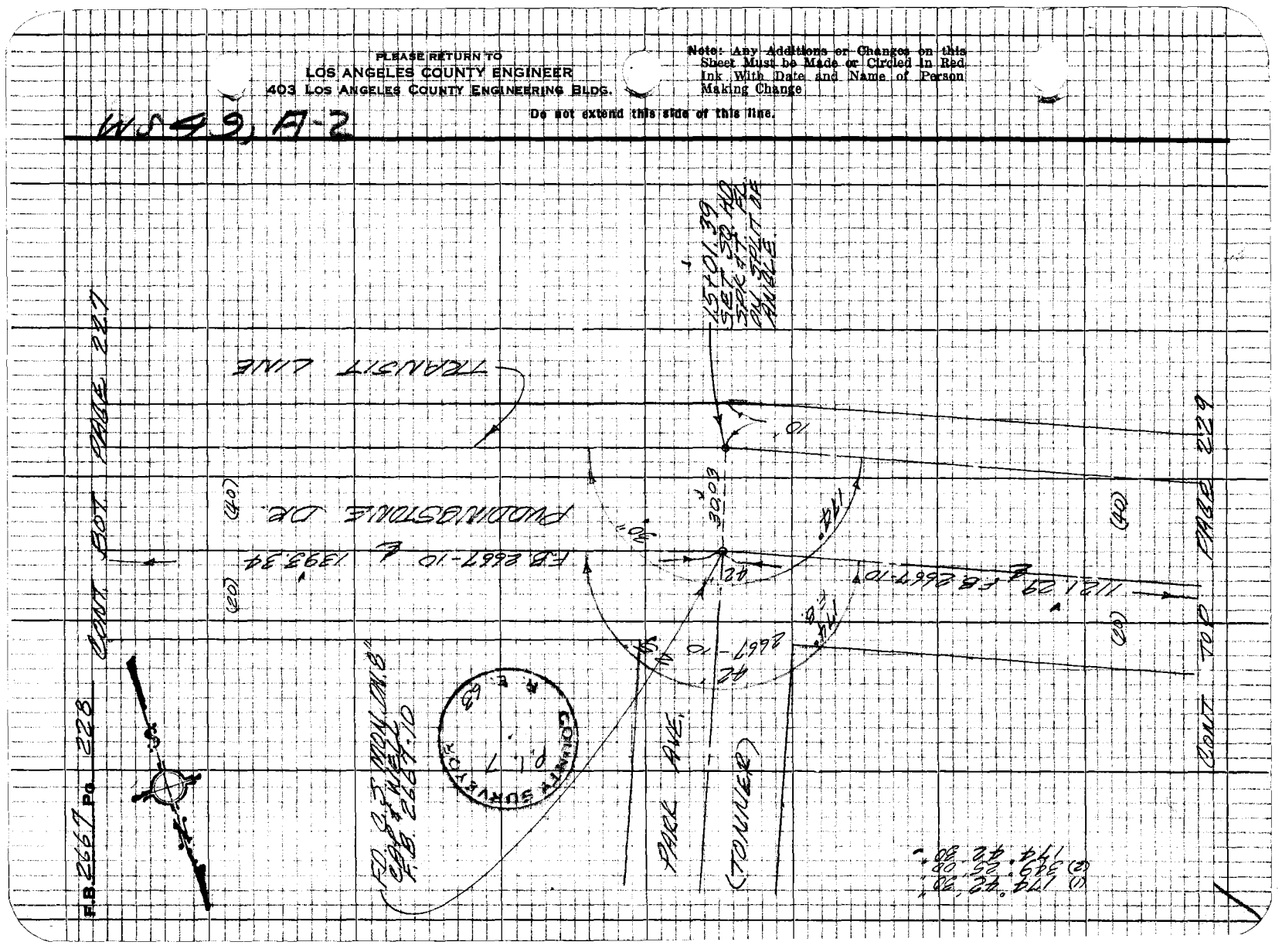
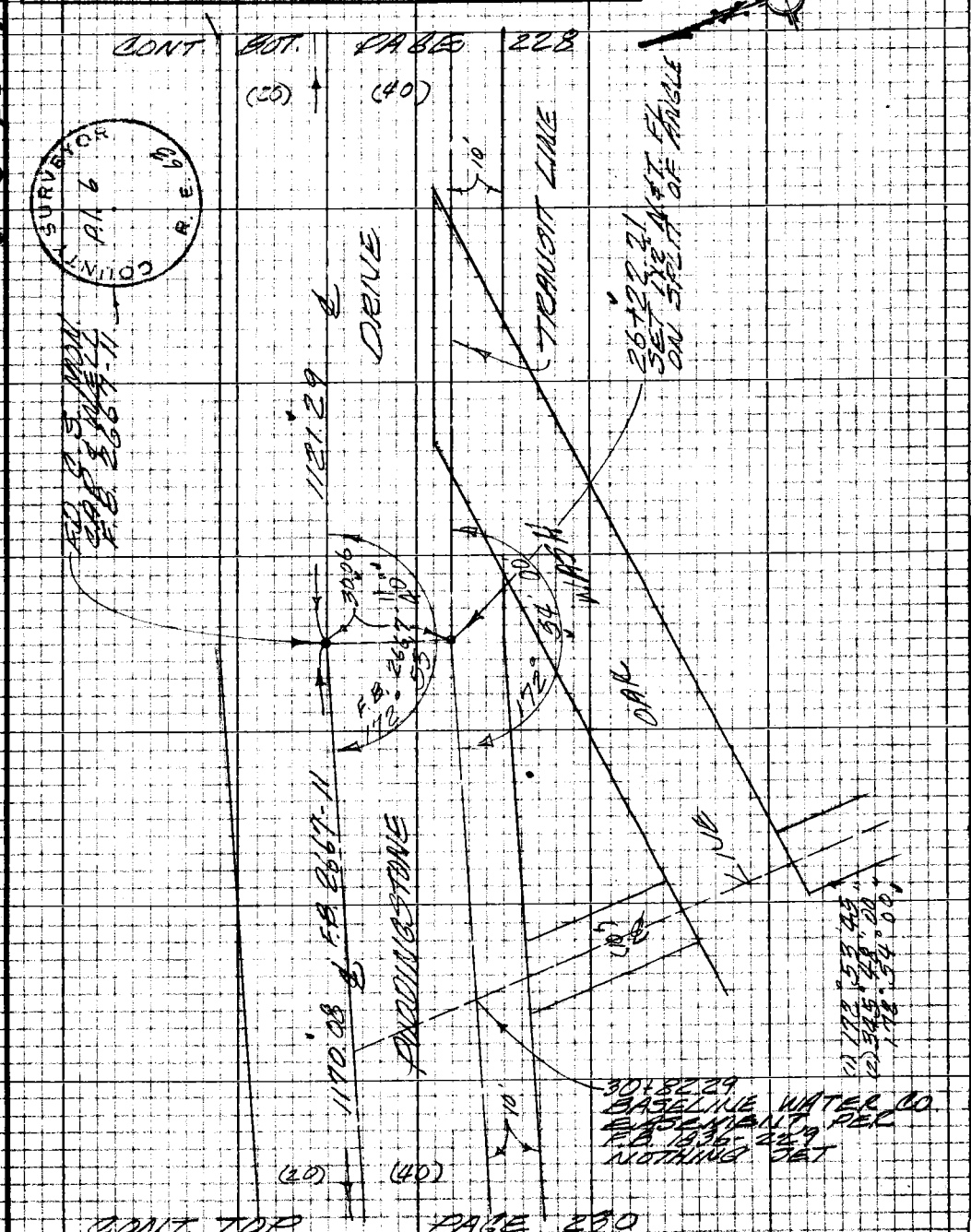
WS 49, A-2



Notes Ck'd by D. SAPPELL	Survey of PUDDINGSTONE REC	F.B. 2667 Pg. 229
Map No.	JN 99 94 99 Tape Std 68 °F	
Office Work	Surveyed by M. SOTRO	
Checked	Notes M.S. Date 4-3-70	
Date	Indexed C.J. GALLY APR 15	

W.S. 49 A-2



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

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3095 CE #310 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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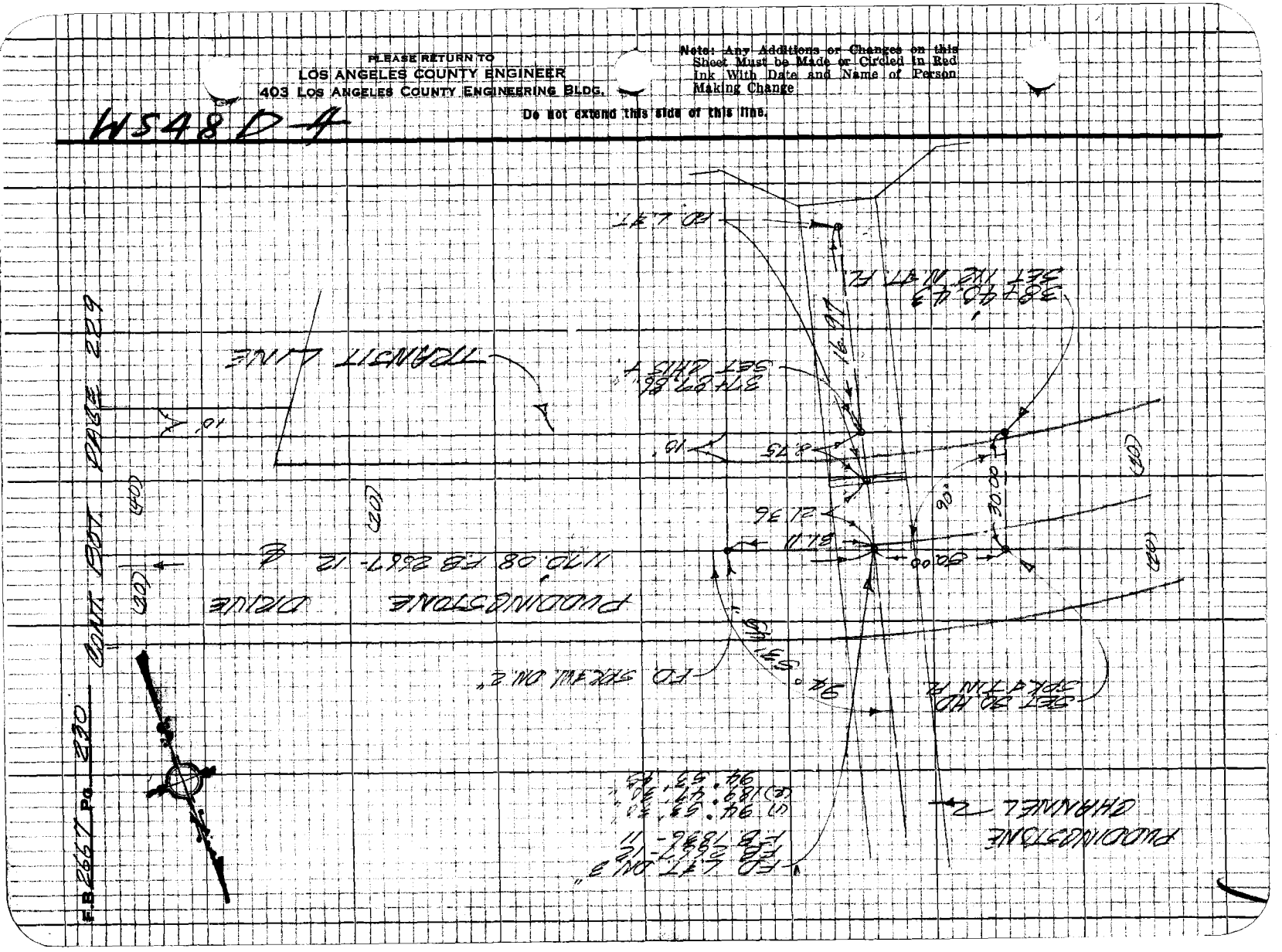
W548D-A



F. B. 2667 PG. 231

Profile No. | Notes Red | Plotted | Job No. 2054.99 | Division No. 11
Date | Date | Survey of PUDDINGSTONE REC. AREA
X-Sec. No. | Notes Chk'd D. SAPPELL Date APR 16 1970 | Checked | Survey by M SOTRO | Notes N.S. | Date 4-2-70
Date | Date | Map No. | Indexed D.J. GALLI | Date APR 15 '70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
					PUDDINGSTONE RESERVOIR STATE & COUNTY RECREATION AREA NORTH SHORE DEVELOPMENT BENCH LEVELS FOR SEWAGE FORCE MAIN ALONG PUDDINGSTONE DR. REF. F.B. 1836 M. SOTRO N. SMITH G. COOK

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
FD. B.M. B.F. 11				984.555	FD. FLOOD CONTROL BRASS CAP IN CONC. BRIDGE # 557. EAST END SO. SIDE PUDDINGSTONE DR (WALNUT AVE) @ FLOOD CONTROL CHANNEL @ CITY OF LA VERNE CITY LIMITS SIGN. FLOOD CONTROL ELEV. E NO. BM 94-21 = 984.540 1934 ADJ. U.S.G.S. F.B. 813-176 FB 1836-163
	1.100	985.655			
T.P			7.110	978.545	
	3.889	982.434			
SET B.M. BF 12			4.181	978.253 978.256 Adj.	(MARSHALL CR.) FLOOD CONTROL CHANNEL & PUDDINGSTONE DR. SMALL SP. IN LEAD. S.W. COR. CON. BRIDGE 444' ± EAST. & PUDDINGSTONE FLOOD CONTROL CHANNEL
	4.878	983.131			
T.P			3.470	979.661	
	5.781	985.442			
T.P			3.954	981.488	
	5.735	987.223			
FD. B.M. B.F. 10			3.485	983.738 983.747	FD CS MON. ON 8" SUR. CAP E WELL = P.I. #6 ∆ PT. RT. & PUDDINGSTONE DR. 200± WEST OF LIVE-OAK FLOOD CONTROL CHANNEL ELEV. 983.747 FB 1836-163
	6.568	990.315			
T.P			3.860	986.455	
	5.011	991.466			

F. B. 2667 Pg. 232
Job No. 005499 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of PUDDINGSTONE RECR. AREA Date ____ Date ____ No. ____
Survey by M. SOTRO Notes N. SMITH Notes Oak SAPPELL Checked ____ X-Sec. ____
Indexed G. L. GALLI Date ____ Date APR 16 1970 Date ____ No. ____

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
FD BM BF 13			4.584	986.882	LIVE OAK FLOOD CONTROL CHANNEL & PUDDINGSTONE DR. 2" BRASS CAP MON. BM 094-05155 1966. N.E. COR. CONC. BRIDGE (IN FENCED AREA)	
	4.700	991.582				
T.P.			4.319	987.263		
	6.298	993.561				
T.P.			3.278	990.283		
	5.418	995 701				
T.P.			3.457	992.244		
	4.688	996.932				
SET B.M.-BF 14			2.910	994.022 994.020 Adj.	PARK AVE & PUDDINGSTONE DR. SMALL SPIKE IN LEAD IN CONC. BASE OF WEST FENCE POST. ENTRANCE TO CONTROL TOWER BRACKET FIELD.	
	4.839	998.861				
T.P.			3.453	995.408		
	5.378	1000.786				
T.P.			4.261	996.525		
	5.770	1002.295				
FD B.M. BF 15			4.646	997.649 997.646 Adj.	616.0 ± EAST PARK AVE 40.00 SOUTH & PUDDINGSTONE DR. C.E. MON. MARKED PARCEL 10 C 11 R.E. 5869 FLUSH F.B. 1836-22'	
	5.602	1003.251				

Profile Notes Red Plotted Job No. 3354.99 Division No. 11
No. X-Sec. Date Date Survey of PUDDINGSTONE RES. AREA
No. Notes OK'D APPELL Checked Survey by M. SOTTO Notes N. SMITH Date 4-2-70
No. Date APR 1 6 1970 Date Map No. Indexed C.J. GALT Date APR 15 70

F.B. 2667 PG. 233

76-L-298 CE 307 5-66

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STATION	B. S.	H. I. 1003.251	F. S.	ELEV.		
T.P.			4.710	998.541		
	5.718	1004.259				
T.P.			4.357	999.902		
	6.003	1005.905				
T.P.			3.554	1002.351	S.W.E.T. ℄ & TRACT LINE	1393± EAST PARK AVE. ON PUDDINGS. DR.
	4.807	1007.158				
SET B.M. BF 16			3.922	1003.236 1003.232 Adj.	1540'± EAST PARK AVE 40'± SOUTH ℄ PUDDINGSTONE DR. SMALL SPIKE IN CONC. BASE OF WEST GATE POST. ENTRANCE TO CONC BLOCK BLDG. (AVIATION AID)	
	3.808	1007.044				
T.P.			4.911	1002.133		
	3.980	1006.113				
T.P.			6.223	999.890		
	4.146	1004.036				
T.P.			5.507	998.529		
	4.711	1003.240				
FD. B M BF 17			5.602	997.638 997.632 Adj.	616'± EAST PARK AVE & 40.00 SOUTH ℄ PUDDINGSTONE DR. CEMON. MARKED PARCEL 10 ON RE 5869 FLUSH F.B. 1836-221 F.B. 2667-233	
	4.044	1001.682				
T.P.			5.618	996.064		
	3.792	999.856				

F. B. 2667 Pg. 234
Job No. 2254.99 Division No. 11 Notes Red Plotted Profile
Survey of PUDDINGSTONE REC. AREA Date Date No.
Survey by M. SOTRO Notes N. SMITH Notes Date APR 1 3 1970 Checked Dk. SAPPELL X-Sec.
Indexed C. J. GAITE Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.			6.115	993.738		
	5.141	998.879				
FD. BM BF 18			4.864	994.015 994.008 Adj.	PARK AVE & PUDDINGSTONE DR SMALL SPIKE IN LEAD IN CONC. BASE OF WEST FENCE POST ENTRANCE TO CONTROL TOWER BRACKETT FIELD F.B. 2667 - 233	
	5.009	999.024				
FD. B.M. BF-#9			5.281	993.743 993.735 Adj.	PARK AVE & PUDDINGSTON DR. C.S. MON. & INT. "MARKED P.I. #7 R.E. 63 DN. 8" IN HAND - HOLE ELEV = F.B. 3198 - 91	F.B. 1836 - 162
	3.197	996.940				
T.P.			4.701	992.239		
	3.343	995.582				
T.P.			4.918	990.664		
	3.148	993.812				
T.P.			5.893	987.919		
	4.163	992.082				
FD. B.M. BF 19			5.189	986.893 986.884 Adj.	LIVE OAK FLOOD CONTROL CHANNEL & PUDDINGSTONE DR. 2" BRASS CAP MON. BM. 094 - 05155 1966 N.E. COR CONC. BRIDGE. (IN FENCED AREA) F.B. 2667 - 233	
	4.329	991.222				
T.P			5.638	985.584		
	3.930	989.514				

Profile Notes Red ____ Plotted ____ Job No. 2054.99 Division No. 4

No. ____ Date ____ Survey of PUDDINGSTONE REC. AREA

X-Sec. Notes CHRISTOPHERSON Checked ____ Survey by M. SOTELO Notes M. SMITH Date 4-2-70

No. ____ Dat APR 16 1970 Date ____ Map No. ____ Indexed C.J. GALLI Date APR 15 70

F.B. 2667 PG. 235

76-L-298 CE 307 5-66

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STATION	B. S.	H. I. 989.514	F. S.	ELEV.		
FD B.M. BF 10			5.757	983.757 (983.747)	P.I. #6 & PUDDINGSTONE DR. C.S. MON. DN 8" SUR. CAP & WELL 200± WEST OF LIVE OAK FLOOD CONTROL CHANNEL. ELEV. 983.747 F.B. 1836-163 FB 2667-232	

F. B. 2667 PG. 236

Job No. 0054 99 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of PUDDINGSTONE REC. AREA Date ____ Date ____ No. ____

Survey by M. SOTRO Notes N. SMITH Notes Chk'd. ____ Checked ____ X-Sec. ____

Indexed C. J. GALLI Date ____ Date ____ Date ____ No. ____

Notes Ck'd by	Survey of Pudd. Rec. Area	F.B. 2667 Pg. 237
Map No.	JN 0054.99 Tape Std °F	
Office Work	Surveyed by Petri	
Checked	Notes G.P. Date 4-6-70	
Date	Indexed C.J. GALLI APR 15 70	

4-6-70

J.N. 0054.99

Puddingstone Rec. Area

Preliminary Survey For Sewage Force Main.

Location of Improvements Along Proposed Line.

Petri
Goble
Maya

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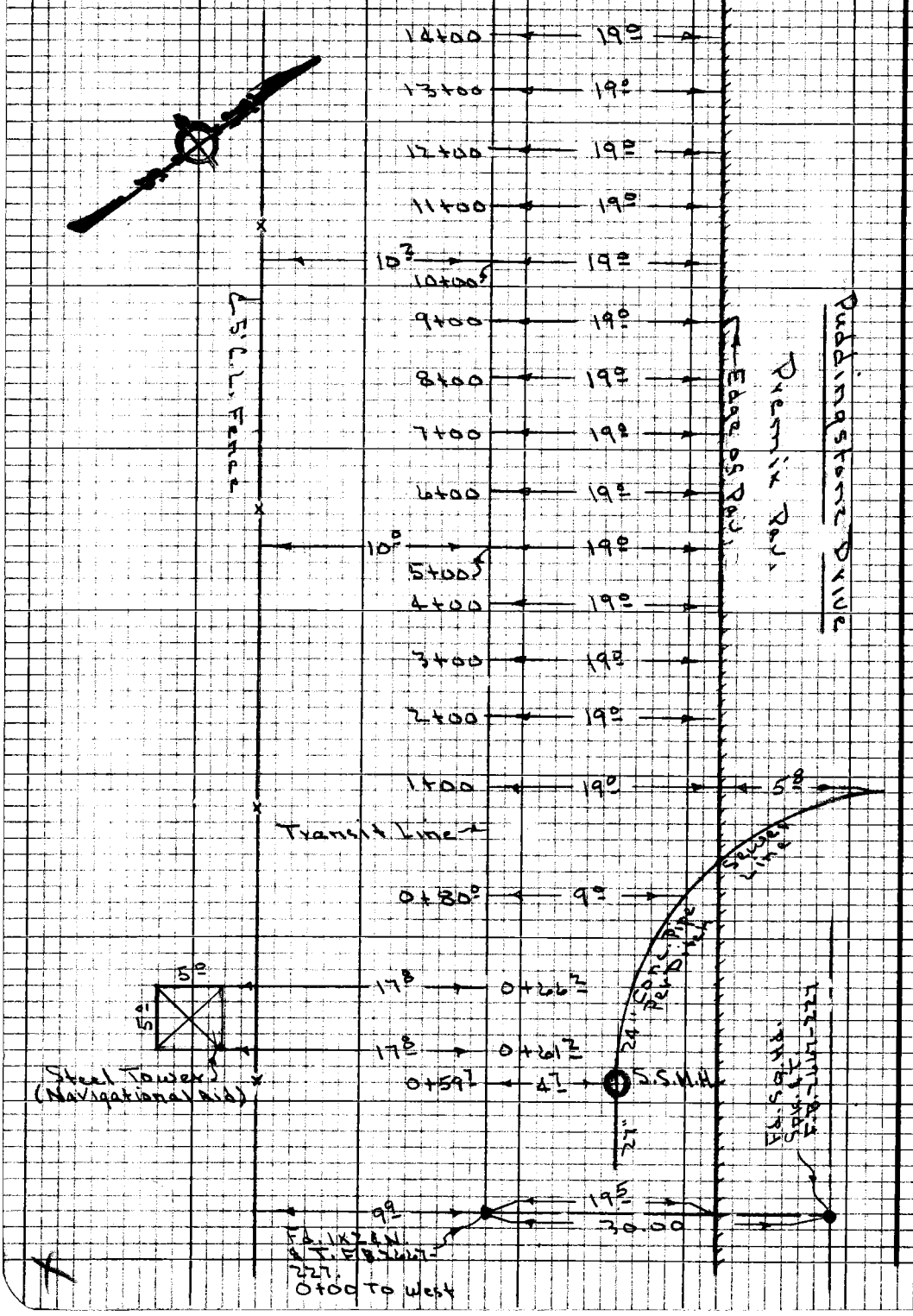
76P3098 CE #310 5-66

Cont. Bot. Pg. 239

F.B. 2667 Pg. 238



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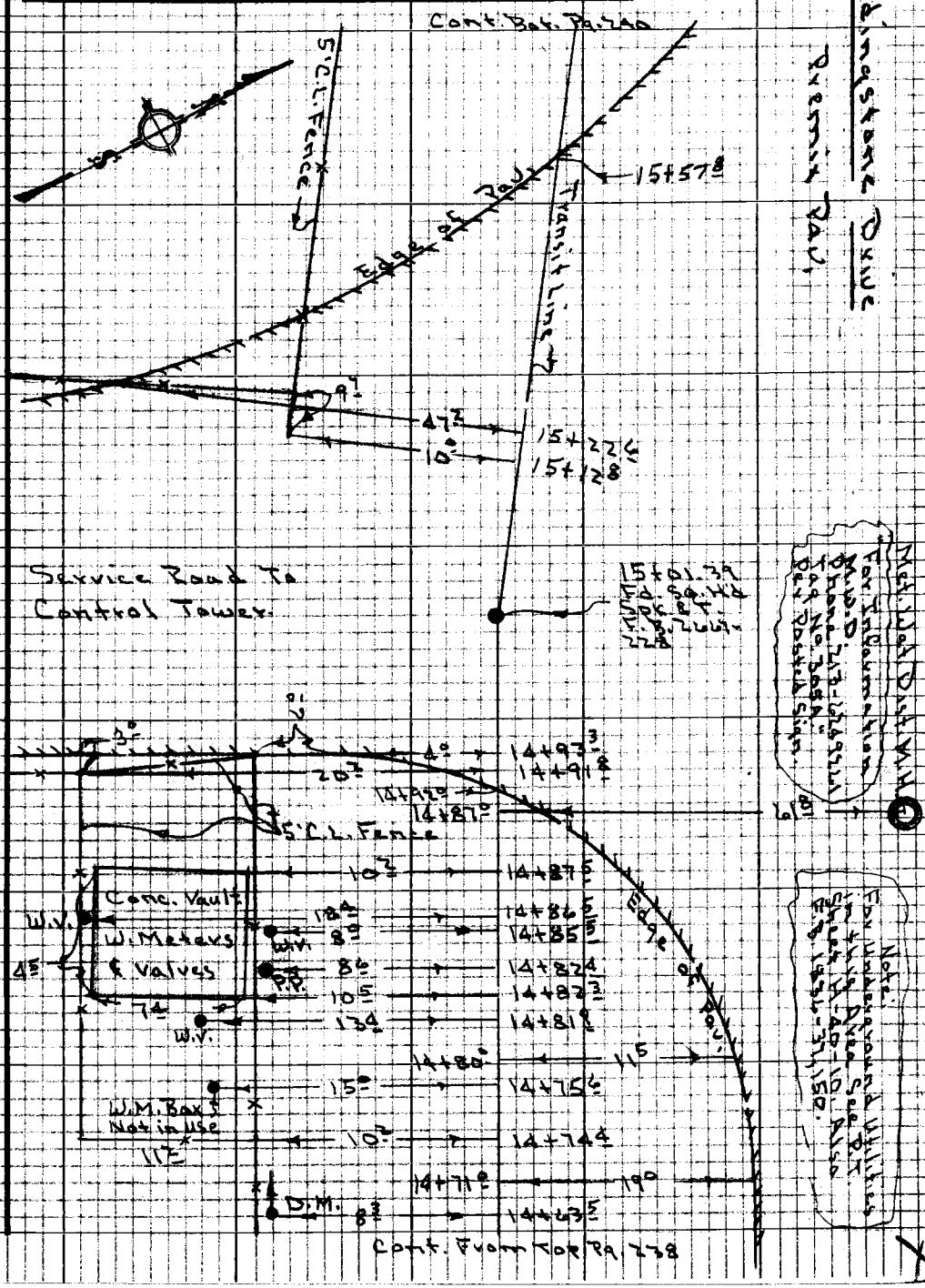
Notes Ck'd by	Survey of Pudd. Rec. Area	F.B. 2667 Pg. 239
Map No.	JN 0054.99 Tape Std °F	
Office Work	Surveyed by Petri	
Checked	Notes G.P. Date 4-6-70	
Date	Indexed C.1 GAFT [illegible] 15 [illegible]	



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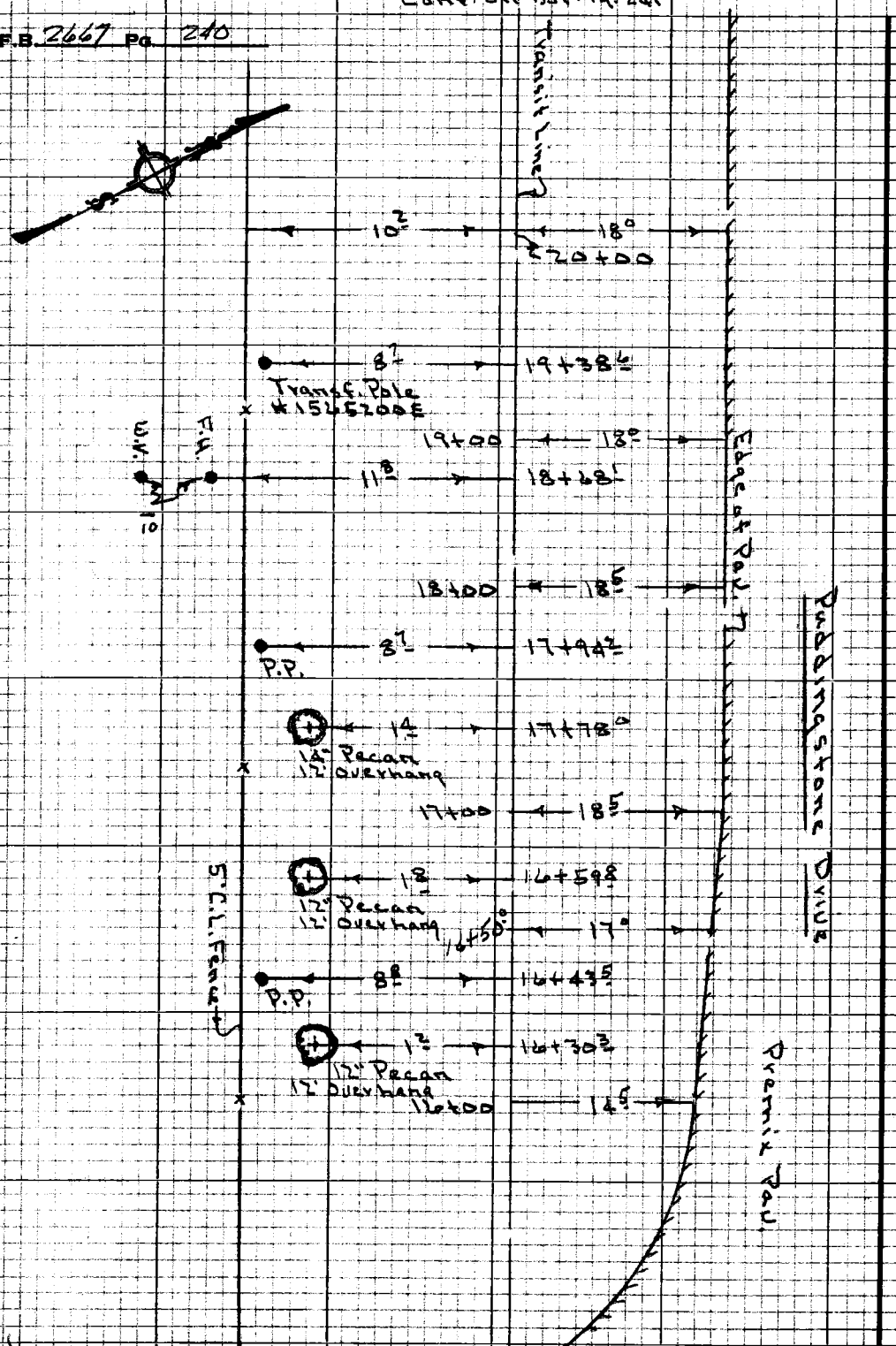
7SP3095 CE #310 5-66

Cont. on Bot. Pg. 241

F.B. 2667 Pg. 240



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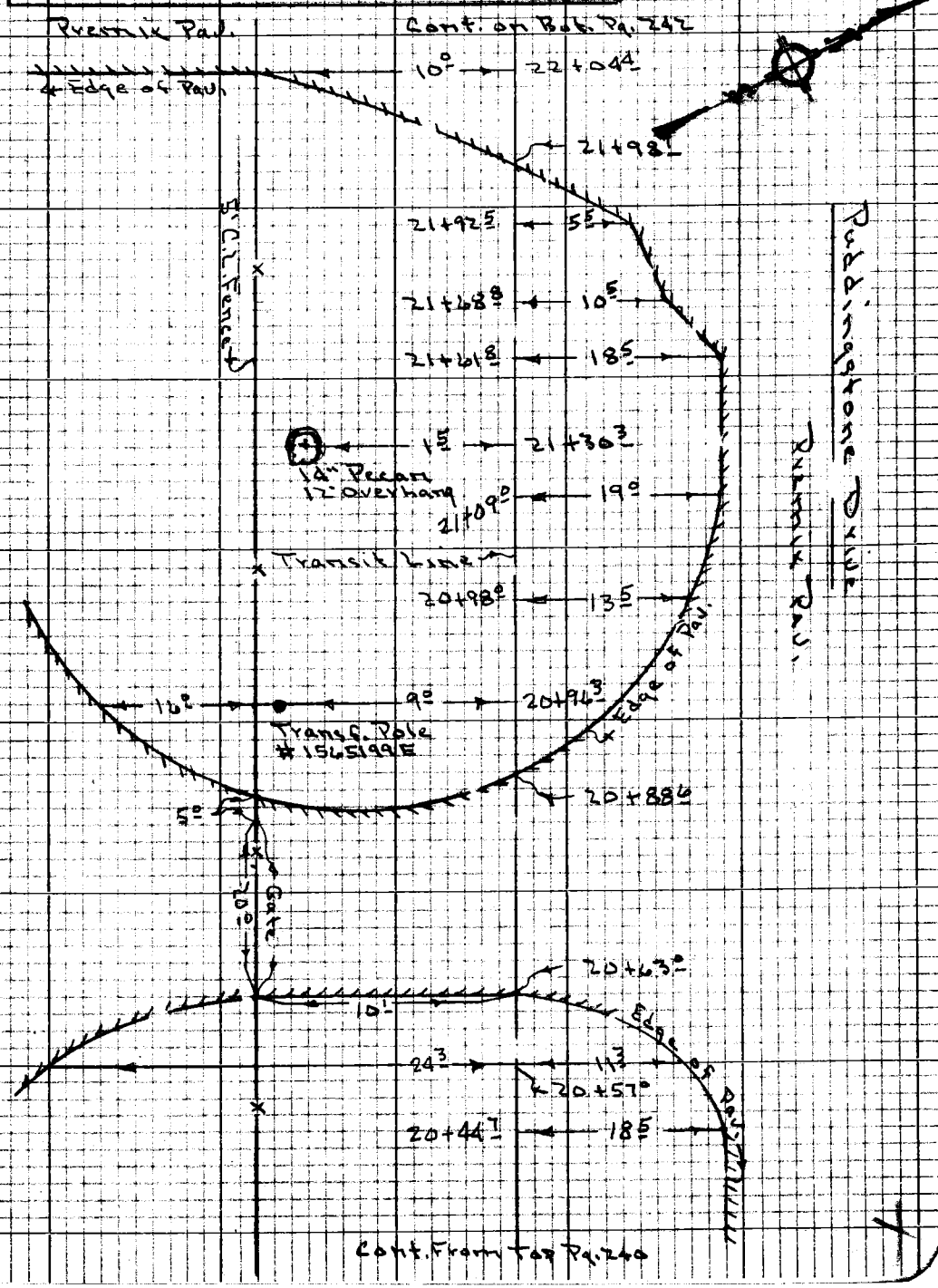
Cont. From Top Pg. 239

Notes Ck'd by		Survey of Pudd. Rec. Area	F.B. 2667 Pg. 241
Map No.		JN Tape Std °F	
Office Work		Surveyed by Petri	
Checked		Notes G.P. Date 4-7-70	
Date		Indexed C.L. GALLI	



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7SP3095 CK #310 5-66

F.B. 2667 Pg. 242

Cont. on Bot. Pg. 243

Cont. From Top Pg. 241

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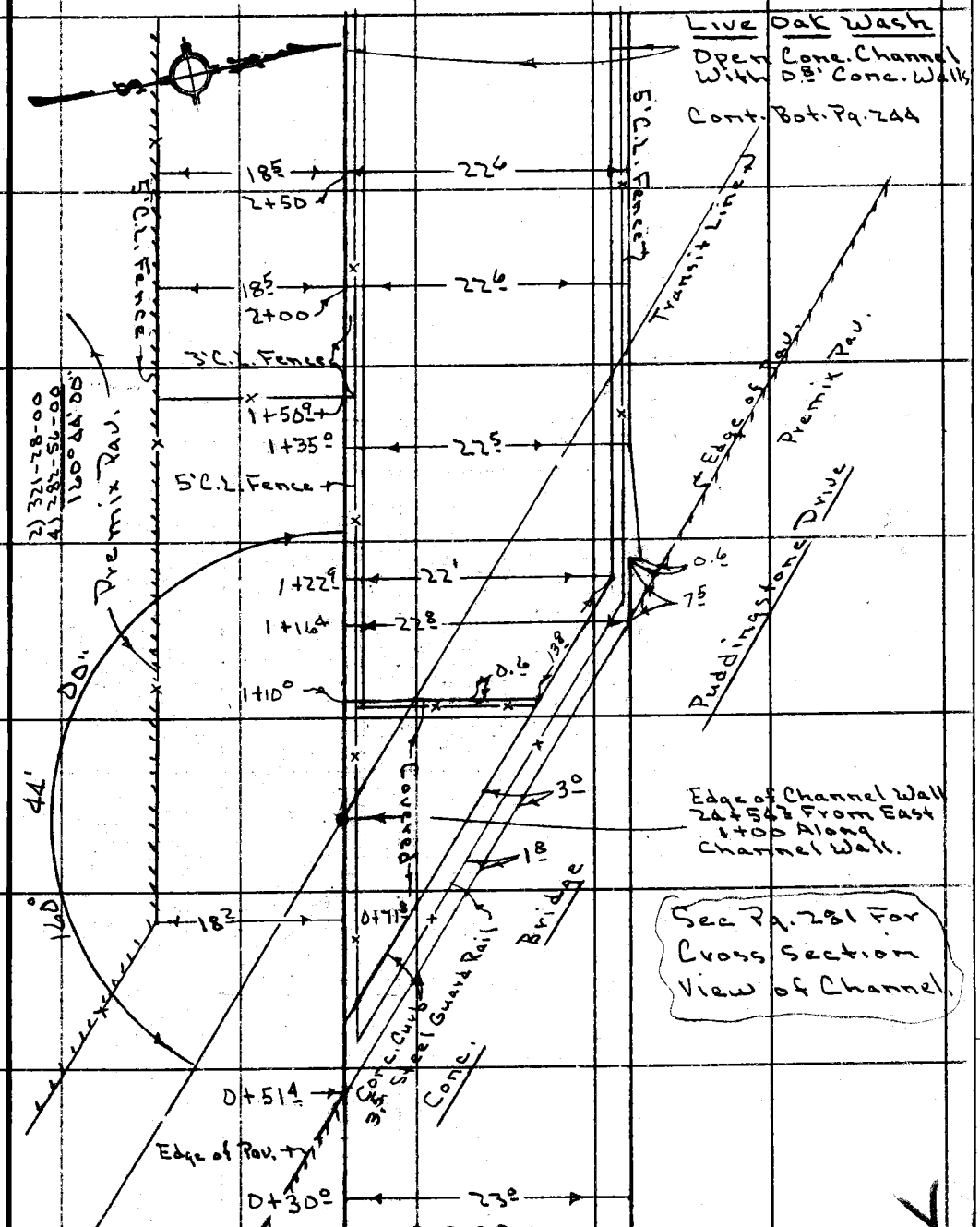
Notes Ck'd by	Survey of Pudd. Rec. Area
Map No.	JN 005499 Tape Std °F
Office Work	Surveyed by Petri
Checked	Notes G.P. Date 4-7-70
Date	Indexed C. J. GALLI APR 15 '70

F. B. 2667 PG. 243



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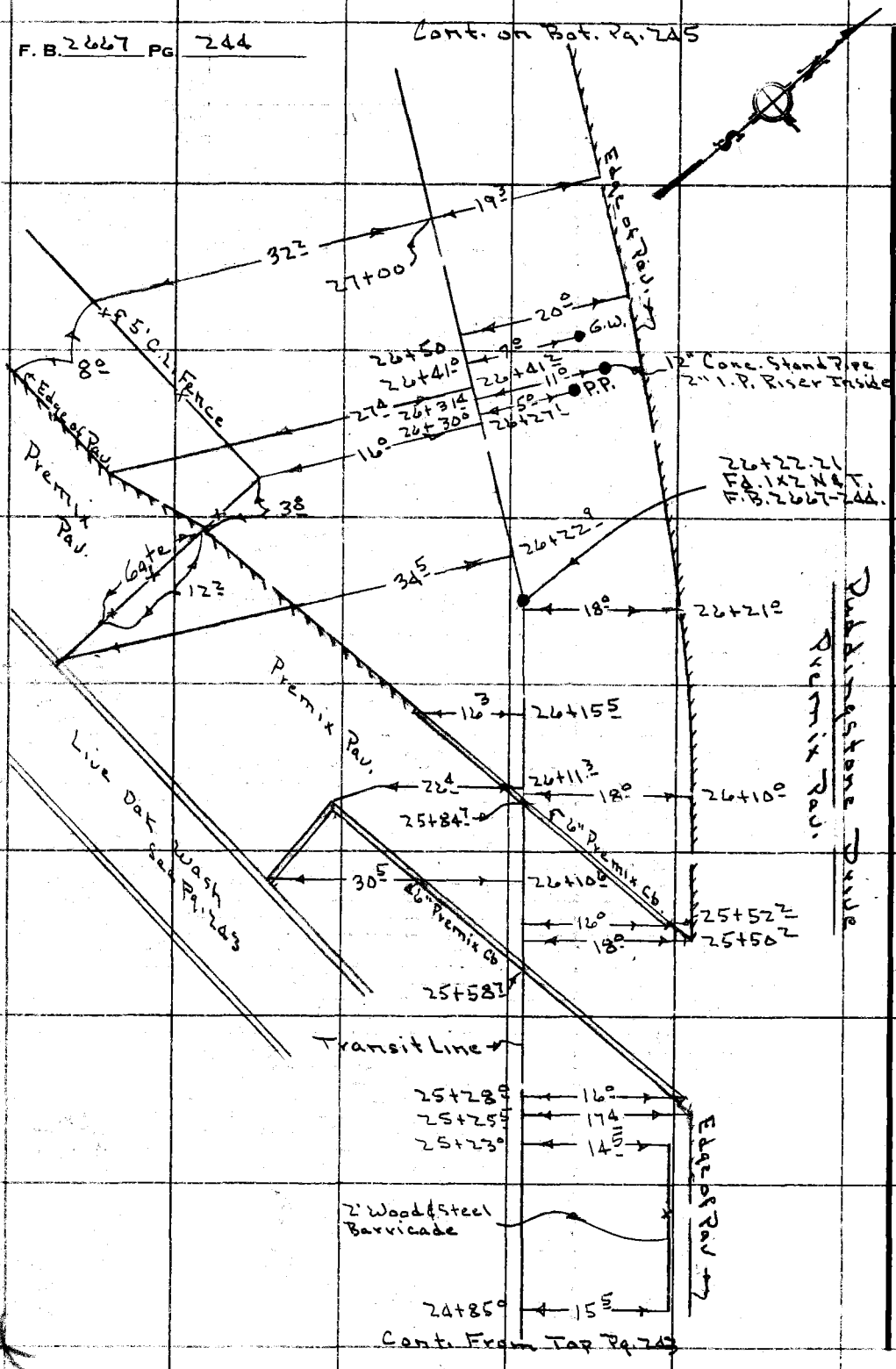
76F309S CE#310 3-68

F. B. 2667 PG 244



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by		Survey of Pudd. Rec. Area	F. B. 2667 Pg. 245
Map No.		JN D054.89 Tape Std °F	
Office Work		Surveyed by Petri	
Checked		Notes G.P. Date 4-1-70	
Date		Indexed C. J. GALLI APR 15 '70	

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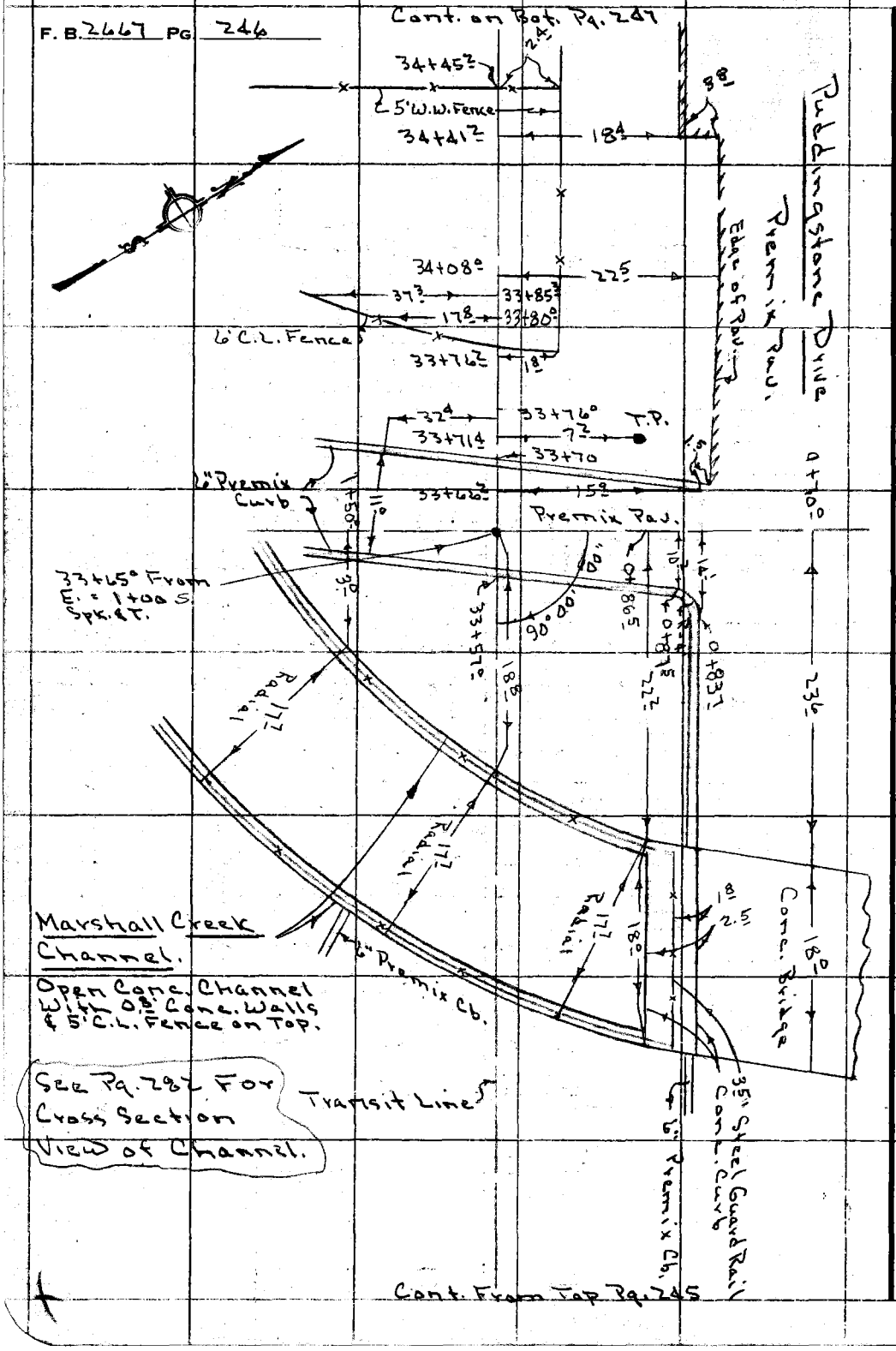
Cont. on Bot. Pg. 246

11.5
6" Premix Cb.
23.5
33+16.8
33+16.6
16°
Premix Pav.
4°
33+09.8
D.6
33+05.5
33+03.6
20°
4°
32+90.5
11.3
10.7
4" I.P. Riser
32+44.1
55
T.P.
0.5
31+81.6
31+75°
16.5
5' W.W. Fence
4°
Transit Line
30+91.5
16.6
30+82.29
Calc.
30+82.0
20°
(Baseline Water Co. 14th Street Water Location Per F.B. 1836-32)
30+00
20°
29+87.4
5.5
T.P.
29+00
20°
28+08.4
6°
T.P.
28+00
20°
27+79.5
20°
27+66.5
18°
Edge of Pav.
Pudding Stone Drive
Premix Pav.

Cont From Top Pg. 244

16F309S CE#310 3-68

F. B. 2667 PG. 246



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Notes Ck'd by	Survey of Pudd. Rec. Area
Map No.	JN D054-49 Tape Std °F
Office Work	Surveyed by Peters
Checked	Notes G.R. Date 4-8-70
Date	Indexed R.E. GALLI

F.B. 2667 Pg. 247

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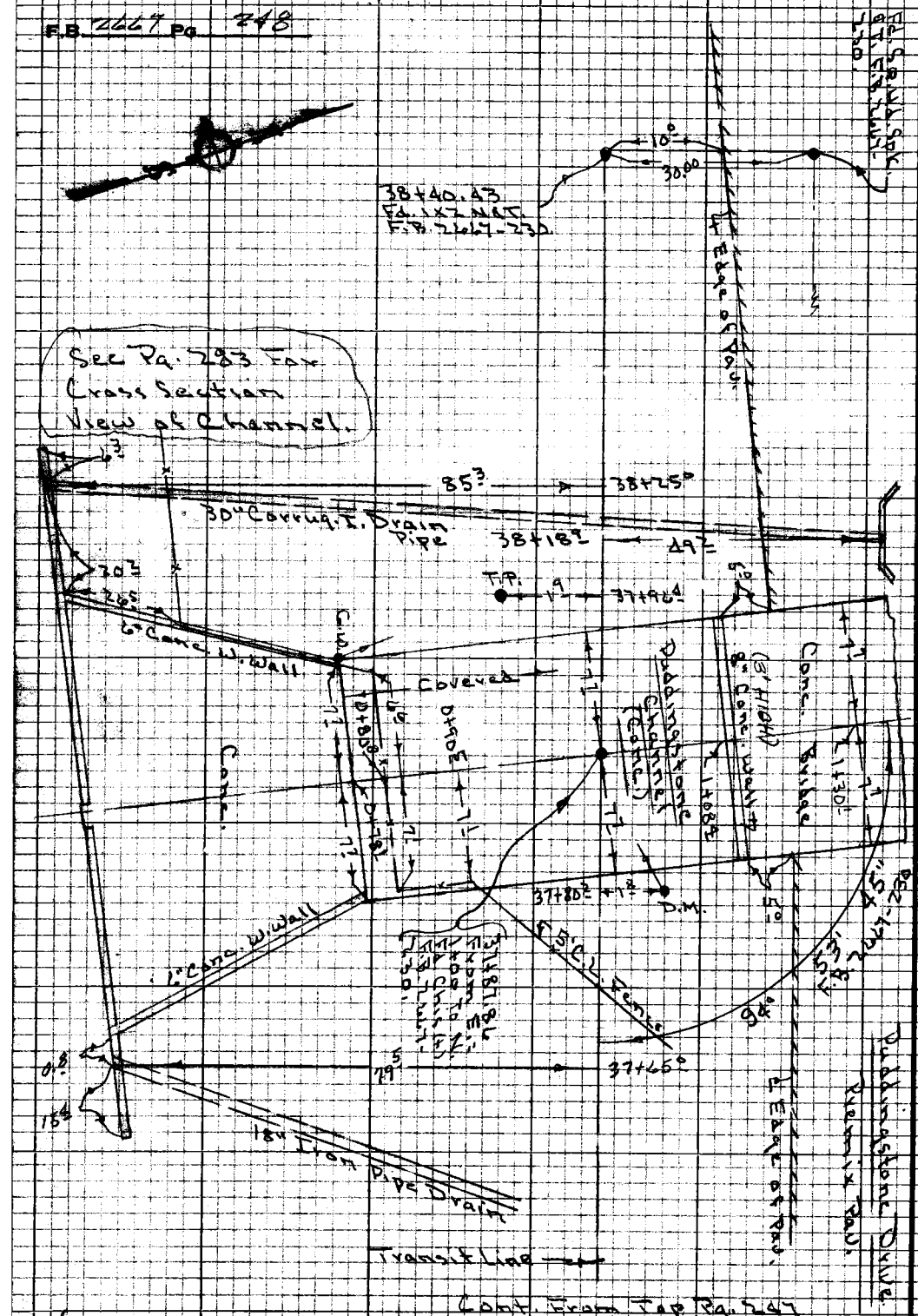
76P3098 CK #310 5-58

F.B. 2667 Pg. 248



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F. B. 2667 PG. 249

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0054.99 Division No. 11
Date ____ Date ____ Survey of PUDDINGSTONE REC. AREA
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by M. SOTRO Notes N. S Date 4-7-70
Date ____ Date ____ Map No. ____ Indexed G. T. GALLI Date APR 15 '70

J.N. 0054.99

PUDDINGSTONE RESERVOIR
STATE & COUNTY RECREATION AREA

NORTH SHORE DEVELOPMENT

PROFILE & X SECTIONS

FOR SEWAGE FORCE MAIN

ALONG PUDDINGSTONE DR.
50'0 STATIONS SET 1½ N.E.T.

M. SOTRO
N. SMITH
G. COOK

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

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76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
FD. B.M. BF16				1003.23	1540± EAST PARK AVE. 40.0± SOUTH ℄ PUDDINGSTONE DR. SMALL SPIKE IN CONC. BASE OF WEST GATE POST, ENTRANCE TO CONC. BLOCK BLDG. (AVIATION AID) F.B. 2667 - 234 ELEV. = 1003.236
0+00				02.58	π LINE
				03.06	19.0 RT EDGE PAV.
				03.24	30.0 RT. ℄ "
				02.8	10.0 LT W.F.
				02.5	20.0 " GROUND
0+50				02.28	π LINE
				02.63	19.0 RT. E. PAV.
				02.77	30.0 RT ℄ "
				02.3	10.0 LF. W.F.
				02.3	20.0 LT. GROUND
0+59.7				1002.41	4.7 RT. S.S.M.H. C.S.D. #21 RIM ELEV.
27" OUTLET				993.61	27" OUTLET E. TOP PIPE 6.55 DIA. 2.25 F/L 8.80
24" INLET				993.81	24" INLET W. TOP PIPE 6.60 DIA. 2.00 F/L 8.60
8" INLET				994.94	8" INLET S.W. TOP PIPE 6.80 DIA. .67 F/L 7.47
0+61.2				02.3	17.8 LT. GROUND
				03.51	17.8 LT. TOP CONC. FOOT.

LENKER ROD USED

F. B. 2667 Pg. 250
Job No. 0054.99 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of PUDDINGSTONE RECR. AREA Date ____ Date ____ No. ____
Survey by M. SOTRO Notes N. SMITH Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLI Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+00				1001.84	π LINE	
				02.21	19.0 RT EDG PAV	
				02.41	30.0 RT ℄ "	
				01.9	10.0 LT. W.F GR.	
				01.7	20.0 " GROUND	
1+50				01.57	π LINE	
				01.63	19.0 RT. E. PAV	
				01.95	30.0 " ℄ "	
				01.6	10.0 LT. W.F GR.	
				01.5	20.0 " GROUND	
2+00				01.20	π LINE	
				01.24	19.0 RT. E. PAV	
				01.50	30.0 " ℄ "	
				01.1	10.0 W.F GR	
				01.3	20.0 GROUND	
2+50				01.00	π LINE	
				00.83	19.0 RT. ED PAV	
				01.05	30.0 " ℄ "	
				01.1	10.0 LT W.F GR.	
				01.1	20.0 " GROUND	
3+00				1000.34	π LINE	T.P.

LENKER ROD USED

Profile Notes Red ____ Plotted ____ Job No. 0054 99 Division No. ____
No. ____ Date ____ Date ____ Survey of PUDDINGSTONE REC. AREA
X-Sec. Notes Chk'd. ____ Checked ____ Survey by M. SOTRO Notes H.S. Date 4-7-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date APR 15 '70

F.B. 2667 PG. 251

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
3+00				1000.38	19.0 RT. E. PAV
				00.64	30.0 " ℄ "
				00.6	10.0 LT W.F. GR.
				00.6	20.0 " GROUND
3+50				999.88	⊼ LINE
				99.96	19.0 RT E. PAV.
				1000.18	30.0 RT. ℄ PAV.
				99.9	10.0 LT WF GROUND
				1000.0	20.0 " GROUND
4+00				999.52	⊼ LINE
				99.52	19.0 RT E PAV
				99.79	30.0 RT. ℄ PAV.
				99.6	10.0 LT W.F GR
				99.9	20.0 " GROUND
4+50				99.31	⊼ LINE
				99.28	19.0 RT. E. PAV
				99.49	30.0 RT. ℄ "
				99.4	10.0 LT. W.F. GR.
				99.7	20.0 " GROUND
5+00				99.10	⊼ LINE
				98.95	19.0 RT ED. PAV

LENKER ROD USED

F. B. 2667 Pg. 252 Job No. 0054.99 Division No. Notes Red Plotted Profile
Survey of PUDDINGSTONE RECR. AREA Date Date No.
Survey by M. SOTRO Notes N. SMITH Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
5+00				999.20	30.0 RT ℄ PAV.	
				99.2	10.0 LT. W.F GROUND	
				99.6	20.0 LT. GROUND	
5+50				98.75	⊼ LINE	
				98.75	19.0 RT ED. PAV	
				99.01	30.0 " ℄ "	
				98.7	10.0 LT. W.F. GR	
				99.2	20.0 " GROUND	
6+00				99.15	⊼ LINE	
				98.85	19.0 RT ED. PAV.	
				98.80	30.0 " ℄ "	
				99.1	10.0 LT. W.F GROUND	
				99.2	20.0 " GROUND	
6+50				998.30	⊼ LINE T.P.	
				98.25	19.0 RT. EDG. PAV.	
				98.50	30.0 " ℄ "	
				98.4	10.0 LT W.F. GROUND	
				98.5	20.0 " GROUND	
7+00				998.20	⊼ LINE	
				98.07	19.0 RT ED. PAV	
				98.31	30.0 " ℄ "	

LENKER ROD USED

Profile Notes Red ____ Plotted ____ Job No. 0054.99 Division No. ____
No. ____ Date ____ Date ____ Survey of RODINGSTONE REC. AREA
X-Sec. Notes Chk'd. ____ Checked ____ Survey by M. SOTRO Notes N.S. Date 4-8-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date [illegible] 15 [illegible]

F.B. 2667 PG. 253

76-L-298 CE 307 5-66

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F. B. 2667 PG. 754 | Job No 005499 | Division No. | Notes Red | Plotted | Profile
Survey of REDONDO STONE REC. AREA | Date | Date | No.
Survey by M. SOTTO Notes M. SMITH | Notes Chk'd. | Checked | X-Sec.
Indexed C. J. GALLI | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+00				998.4	10.0 LT. W.F GROUND	
				998.6	20.0 " GROUND	
7+50				998.04	℄ LINE	
				997.81	19.0 RT EDG. PAV.	
				98.08	30.0 RT. ℄ "	
				98.1	10.0 LT. W.F GROUND	
				98.4	20.0 LT GR	
8+00		USED		97.90	℄ LINE	
				97.68	19.0 RT. ED. PAV.	
				97.86	30.0 RT. ℄ "	
				98.1	10.0 LT W.F GROUND	
				98.2	20.0 LT GROUND	
8+50		ROD		97.77	℄ LINE	
				97.41	19.0 RT EDG. PAV.	
				97.61	30.0 RT. ℄ "	
				98.0	10.0 LT W.F GR.	
				98.1	20.0 LT. GROUND	
~~9~~ 8+00		LENKER		99728	℄ LINE	
				97.10	19.0 RT. EDG. PAV.	
				97.30	30.0 RT ℄ "	
				997.7	10.0 LT. W.F GROUND	

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
9+00				997.7	20.0 LT. GROUND	
9+50				97.05	⊼ LINE	
				996.87	19.0 RT EDG. PAV.	
				97.11	30.0 RT ℄ "	
				97.3	10.0 LT W.F. GROUND	
				97.4	20.0 LT GROUND	
10+00				96.70	⊼ LINE	
				96.67	19.0 RT EDGE PAV.	
				96.92	30.0 RT ℄ "	
				97.0	10.0 LT W.F. GROUND	
				97.1	20.0 LT. GROUND	
10+50				996.20	⊼ LINE	
				96.41	19.0 RT EDGE PAV.	
				96.68	30.0 RT ℄ "	
				96.3	10.0 LT. W.F. GROUND	
				96.4	20.0 LT. GROUND	
11+00				996.05	⊼ LINE T.P.	
				96.21	19.0 RT EDGE PAV.	
				96.45	30.0 RT ℄ "	
				996.2	10.0 LT. W.F. GRO	
				996.3	20.0 LT GROUND	

LENKER ROD USED

Profile Notes Red ____ Plotted ____ Job No. 0054 99 Division No. ____
No. ____ Date ____ Date ____ Survey of PUDDINGSTONE REC. AREA
X-Sec. Notes Chk'd. ____ Checked ____ Survey by M. SOTRO Notes N.S. Date 4-8-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLY Date APR 15 70

F. B. 2667 PG. 335

76-L-298 CE 307 5-66

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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.

F. B. 2667 PG. 256 | Job No. 2054.99 Division No. | Notes Red | Plotted | Profile
Survey of RUDNASTONE SEC. AREA | Date | Date | No.
Survey by M. SETTO Notes N. SMITH | Notes Chk'd. | Checked | X-Sec.
Indexed C.J. GALLI | Date | Date | No.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
11+50				995.61	℄ LINE	
				96.00	19.0 RT EDGE PAV.	
				96.25	30.0 RT ℄ "	
				96.0	10.0 LT W.F GROUND	
				95.9	20.0 LT GROUND	
12+00				995.21	℄ LINE	
				95.61	19.0 RT EDGE PAV.	
				95.94	30.0 RT ℄ "	
				95.4	10.0 LT W.F GROUND	
				95.5	20.0 LT GROUND	
12+50				994.59	℄ LINE	
				95.34	19.0 RT EDGE PAV.	
				95.56	30.0 RT ℄ "	
				95.0	10.0 LT. W.F. GROUND	
				95.0	20.0 LT. GROUND	
13+00				994.14	℄ LINE	
				94.66	19.0 RT EDGE PAV.	
				94.98	30.0 RT ℄ "	
				94.9	10.0 LT. W.F GROUND	
				95.1	20.0 LT. GROUND	
13+50				993.84	℄ LINE	

USED ROAD LENKER

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
13+50				994.11	19.0 RT EDGE PAV	
				994.27	30.0 RT ℄ "	
				94.0	10.0 LT W.F GROUND	
				94.1	20.0 LT GROUND	
14+00				993.89	℄ LINE	
				93.58	19.0 RT EDGE PAV.	
				93.85	30.0 " ℄ "	
				93.9	10.0 LT W.F GROUND	
				93.7	20.0 LT GROUND	
14+50				94.00	℄ LINE	
				93.68	19.0 RT EDGE PAV.	
				93.97	30.0 RT ℄	
				94.0	10.0 LT W.F GROUND	
				993.7	20.0 LT GROUND	
14+71				993.92	19.0 RT EDGE PAV. B.C. DRIVEWAY	
14+75				993.1	℄ LINE GROUND BOTT. OPEN DITCH DRAIN	
				993.0	20.0 LT. GROUND " " " "	
14+85.0				93.81	14.0 LT. CENTER TOP WATER VAULT	
14+87.0				94.50	61.8 RT. TOP M.W.D. MANHOLE	
14+92.0				93.98	℄ LINE EDGE PAV DRIVEWAY TO TOWER	
14+93.3				93.90	20.0 LT. EDGE PAV. SERVICE RD TO TOWER	

Profile Notes Red ____ Plotted ____ Job No. 0954-99 Division No. ____
No. ____ Date ____ Date ____ Survey of PUDDING STONE REC. AREA
X-Sec. Notes Chk'd. ____ Checked ____ Survey by M. SOTELO Notes W. S. Date 4-8-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. CALL Date MAR 15 70

F. B. 2667 PG. 25

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

F. B. 2667 Pg. 258 | Job No 0054 99 | Division No. | Notes Red | Plotted | Profile
Survey of PUDDINGSTONE EEC. AREA | Date | Date | No.
Survey by M. SOTTO Notes N. SMITH | Notes Chk'd. | Checked | X-Sec.
Indexed B.J. GALLI | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
15+01.39				994.04	℄ LINE & PT IN PAV.	
				94.37	30.0 RT & PAV.	
15+22.6				93.62	20.0 LT PAV. SERVICE RD TO TOWER	
15+50				993.38	℄ LINE ON PAV.	
				93.94	18.5 RT PAV.	
				94.12	30.0 RT & PAV.	
				93.18	4.0 LT EDG. PAV SERVICE RD.	
				93.2	10.0 LT W.F GROUND	
				92.8	20.0 LT GROUND	
FD. B.M. BF14				994.022	PARK AVE & PUDDINGSTONE DR. SMALL SPIKE IN LEAD IN CONC. BASE OF WEST FENCE POST ENTRANCE TO CONTROL TOWER BRACKET FIELD F.B. 2667-233 ELEV. 994.022	
15+57.8				993.12	℄ EDGE PAV. SERVICE RD.	
16+00				92.48	℄ LINE	
				93.05	14.5 RT EDGE PAV.	
				93.72	30.0 RT & "	
				92.5	10.0 LT. W.F. GROUND	
				92.1	20.0 LT GROUND	
16+50				92.31	℄ LINE	
				91.5	7.0 RT GROUND	
				992.85	18.0 RT EDGE PAV.	

LEVELED ROAD USED

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
16+50				993.48	30.0 RT	℄ PAV.
				92.0	10.0 LT	W F GROUND
				91.7	20.0 LT	GROUND
17+00				991.60	℄ LINE	
				91.2	7.0 RT	GROUND
				92.61	18.0 RT	EDG. PAV.
		USED		93.18	30.0 RT	℄ "
				91.6	10.0 LT	W F GROUND
				91.3	20.0 LT	GROUND
17+50				991.33	℄ LINE	T.P.
				91.0	7.0 RT	GROUND
				92.18	18.0 RT	EDG. PAV.
		ROD		92.78	30.0 RT	℄ PAV.
				91.4	10.0 LT	W.F. GROUND
				90.8	20.0 LT.	GROUND
18+00				91.03	℄ LINE	
				90.6	9.0 RT	GROUND
		LENKER		91.92	18.0 RT	EDGE PAV.
				92.38	30.0 RT	℄ "
				90.9	10.0 LT	W.F. GROUND
				90.4	20.0 LT.	GROUND

Profile Notes Red _____ Plotted _____ Job No. 0254 Division No. _____
No. _____ Date _____ Date _____ Survey of PUDDINGSTONE REC. AREA
X-Sec. Notes Chk'd. _____ Checked _____ Survey by M. Soto Notes N.S. Date 4-8-70
No. _____ Date _____ Date _____ Map No. _____ Indexed B.B. GALU Date APR 1970

F. B. 2667 Pg. 259

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
18+50				990.76	⊼ LINE
				90.2	9.0 RT GROUND
				91.62	18.0 RT EDG. PAV
				92.03	30.0 RT ℄ "
				90.7	10.0 LT W.F. GROUND
				989.6	20.0 LT. GROUND
19+00				90.66	⊼ LINE
				90.2	9.0 RT GROUND
				91.28	18.0 RT EDG. PAV.
				91.61	30.0 RT ℄ "
				90.8	10.0 LT W.F. GR.
				989.5	20.0 LT. GROUND
19+50				90.24	⊼ LINE
				8[illegible]8	9.0 RT GROUND
				90.80	18.0 RT EDG. PAV.
				991.12	30.0 RT ℄ "
				90.2	10.0 LT WF GROUND
				989.3	20.0 LT GROUND
20+00				990.01	⊼ LINE
				99.7	8.0 RT GROUND
				990.36	18.0 RT EDG. PAV

LENKER ROD USED

F. B. 2667 Pg. 260

Job No. 0054 [illegible] Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of PUDDINGSTONE REC. AREA Date ____ Date ____ No. ____

Survey by M. SOTRO Notes N. SMITH Notes Chk'd. ____ Checked ____ X-Sec. ____

Indexed C. J. GALLI Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
20+00				990.65	30.0 RT ℄ PAV.	
				90.0	10.0 LT. W.F GROUND	
				989.0	20.0 LT GROUND	
20+50				989.61	⊼ LINE	
				89.3	8.0 RT GROUND	
				989.89	18.0 RT EDGE. PAV.	
				990.16	30.0 RT ℄ "	
				89.4	10.0 LT. W.F GROUND	
				89.0	20.0 LT. GROUND	
20+63				989.35	⊼ LINE EDGE PAV	DRIVEWAY
				988.95	9.0 RT. " "	"
				989.45	10.0 LT. " "	"
				988.71	20.0 LT. PAV.	
20+88.6				89.10	⊼ LINE EDGE PAV.	DRIVEWAY
				88.74	9.0 RT " "	"
				89.30	10.0 LT " "	"
				88.56	20.0 LT PAV.	
21+00				88.95	⊼ LINE	
				88.7	9.0 RT GROUND	
				89.43	18.0 RT. PAV.	
				89.65	30.0 RT ℄ PAV.	

LENKER ROD USED

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0054.99 Division No. ____
Date ____ Date ____ Survey of BUDDINGSTONE REC. AREA
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by M. SOTRO Notes N.S. Date 4-8-70
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date APR 15 '70

F. B. 2667 PG. 261

76-L-298 CE 307 5-66

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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.

F. B. 2667 PG. 262 | Job No. 20 SF-99 | Division No. | Notes Red | Plotted | Profile
Survey of Rowland Street REC. AREA | Date | Date | No.
Survey by Th Safety Notes M. Sm Tel | Notes Chk'd. | Checked | X-Sec.
Indexed C.L. GALLY | Date | Date | No.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
21+00				988.9	10.0 LT W.F. GROUND	
				988.2	20.0 LT GROUND	
21+50				988.24	℄ LINE	
				88.0	9.0 RT GROUND	
				988.70	19.0 RT EDGE PAV.	
				989.07	30.0 RT ℄ "	
				988.3	10.0 LT W.F. GROUND	
				988.1	20.0 LT GROUND	
21+61.8				988.56	18.5 RT EDGE PAV. X PT.	B.C DRIVE.
21+68.8				88.04	10.5 RT " " "	DRIVE
21+92.5				87.67	5.5 RT EDGE PAV. X PT.	
22+00				987.56	℄ LINE EDGE PAV.	DRIVEWAY
				87.58	5.5 RT " "	"
				88.24	19.0 RT PAV.	
				88.50	30.0 RT ℄ PAV.	
22+04.4				87.67	10.0 LT. EDGE PAV.	
				87.60	20.0 LT. " "	
22+35.9				87.32	10.0 LT EDGE PAV	℄ PT
22+40.3				87.28	℄ LINE " "	DRIVEWAY
22+45.0				87.57	8.0 RT EDGE. PAV.	℄ PT.
22+50				987.07	℄ LINE	

USED
ROD
LEVELER

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
22+50				987.50	8.0 RT EDGE PAV.	
				987.75	19.0 RT PAV.	
				988.07	30.0 RT ℄ PAV	
				987.32	10.0 LT EDG. PAV.	(PARKING LOT)
				987.25	20.0 LT. PAV.	" "
22+73.0				987.12	π LINE EDGE PAV.	
22+94.6				986.84	9.5 LT " "	∡ PT.
23+00				987.00	π LINE PAV.	
				987.53	19.0 RT. EDG. PAV.	∡ PT.
				987.85	30.0 RT ℄ PAV.	
				986.79	10.0 LT. PAV.	
				986.68	20.0 LT. PAV.	
23+30.4				986.31	π LINE EDGE PAV.	
23+50.0				986.35	π LINE	
				987.08	17.0 RT EDGE PAV.	
				987.20	30.0 RT ℄ "	
23+51.3				985.82	11.0 LT. EDG. PAV	∡ PT.
				986.14	20.0 LT. PAV.	
24+00				986.16	π LINE	
				986.16	16.0 RT. EDGE PAV.	

LENKER ROD USED

Profile Notes Red ____ Plotted ____ Job No. 0054.99 Division No. ____
No. ____ Date ____ Date ____ Survey of PUDDINGSTONE REC. AREA
X-Sec. Notes Chk'd. ____ Checked ____ Survey by M. SOTRO Notes M.S. Date 4-8-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date APR 15 '70

F. B. 2667 PG. 263

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

Do not extend notes this side of this line.

F. B. 2667 Pg. 264 | Job No 00594 | Division No. | Notes Red | Plotted | Profile
Survey of PUDDINGSTONE ELEC. AREA | Date | Date | No.
Survey by M. SOTO Notes M. SOTO | Notes Ch'd. | Checked | X-Sec.
Indexed D. J. GALLI | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
24+00				985.71	11.0 LT. EDGE PAV.	W F PARKING LOT
				985.60	30.0 LT PAV	" "
					LIVE OAK FLOOD. CONT. CHANNEL & DUDDINGSTONE	
ED.						
B.M.				986.88	DR. 2" BRASS CAP MON. BM 094-05155	
		USED			N.E. COR. CON. RIDGE (IN FENCED AREA)	
					F.B. 2667-233 ELEV. 986.882	
24+50				985.57	℄ LINE	
				985.20	18.5 LT. EDGE PAV.	PARKING LOT
SEE PG 375 FOR LIVE OAK CHANNEL "X" SECTIONS						
25+28.0				985.48	16.0 RT. TOP PRE MIX CURB	
				985.14	18.0 RT EDGE PAV. & PT. DRIVEWAY	
25+50				983.75	℄ LINE	
				984.86	18.0 RT EDGE PAV. & PT DRIVEWAY	
				985.11	30.0 ℄ PAV.	
25+52.2				984.74	16.0 RT BOTT. PRE MIX CURB	
				985.22	16.0 RT TOP " " "	
25+58.7				983.8	℄ LINE GROUND	
				984.28	" " TOP PRE MIX CURB	
				983.81	" " BOTT. " " " & PAV.	
25+84.7				983.54	℄ LINE BOTT " " " & PAV	
		LENKER		984.00	" " TOP " " "	
						L

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
25+84.7				983.5	⊼ LINE GROUND	
26+00				983.42	⊼ LINE	
				984.14	18.0 RT EDGE PAV.	
				984.60	30.0 RT ℄ "	
26+11.3				982.12	26.4 LT. BOTT PRE MIX CURB PAV.	
				982.55	26.4 LT. TOP " " "	
				982.0	26.4 LT BOTT GROUND	
26+15.5				982.5	16.3 LT. BOTT. GROUND	
				982.90	16.3 LT. TOP PRE MIX CURB	
				982.44	16.3 LT BOTT " " " PAV.	
26+22.21				983.09	⊼ LINE ∡ PT.	
				983.91	18.0 RT EDGE PAV	
				984.35	30.0 RT. ℄ "	∡ PT.
				982.41	19.0 LT EDGE PAV.	DRIVEWAY
26+50				982.71	⊼ LINE	
				983.64	20.0 RT EDGE PAV.	
				984.05	30.0 RT. ℄ "	
				982.2	20.0 LT. GROUND	
27+00				982.44	⊼ LINE	
				983.12	19.0 RT EDGE PAV	
				983.48	30.0 " ℄ "	

LENKER ROD USED

Profile Notes Red ____ Plotted ____ Job No. 0054.99 Division No. ____
No. ____ Date ____ Date ____ Survey of PUDDINGSTONE REC. AREA
X-Sec. Notes Chk'd. ____ Checked ____ Survey by MISOTRO Notes N.S. Date 4-9-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date [illegible] 15 70

F. B. 2667 PG. 265

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

F. B. 2667 PG. 266 | Job No. 0054-99 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of R. DAVIS STONE REC. AREA Date ____ Date ____ No. ____ X-Sec. ____
Survey by M. SOTO Notes N.S. Notes Chk'd. ____ Checked ____ No. ____
Indexed E. J. GALLI Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
27+00				982.0	20.0 LT. GROUND	
27+50				982.05	℄ LINE	
				982.64	18.0 RT EDGE PAV.	
				983.03	30.0 RT ℄ "	
				981.4	20.0 LT. GROUND	
28+00				981.71	℄ LINE T.P.	
				982.15	20.0 RT EDGE PAV	
				982.53	30.0 RT ℄ "	
		USED		981.1	20.0 LT. GROUND	
28+50				981.20	℄ LINE	
				981.70	20.0 RT EDGE PAV	
				981.95	30.0 RT ℄ "	
				980.9	20.0 LT. GROUND	
29+00				980.92	℄ LINE	
		ROD		981.31	20.0 RT. EDGE PAV.	
				981.54	30.0 RT. ℄ "	
				980.5	20.0 LT. GROUND	
29+50				980.21	℄ LINE	
				980.85	20.0 RT EDGE PAV.	
		LEVELER		981.12	30.0 RT. ℄ "	
				980.0	20.0 LT. GROUND	

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
30+00				979.95	℄ LINE	
				980.44	20.0 RT EDGE PAV.	
				980.70	30.0 RT ℄ "	
				979.4	20.0 LT. GROUND	
30+50				979.40	℄ LINE	
				980.05	20.0 RT EDGE PAV.	
				980.28	30.0 RT ℄ "	
		USED		979.0	20.0 LT. GROUND	
31 +00				978.95	℄ LINE	
				979.57	20.0 RT EDGE PAV.	
				979.84	30.0 RT ℄ "	
				978.6	20.0 LT. GROUND	
31+50				978.11	℄ LINE	
		END		979.14	20.0 RT EDGE PAV.	
				979.40	30.0 RT ℄ "	
				978.0	20.0 LT. GROUND	
32+00				977.74	℄ LINE T.P	
				976.78	20.0 RT. EDGE PAVE.	
				976.97	30.0 RT. ℄ "	
		LENKER		977.5	20.0 LT GROUND	
32 + 50				976.89	℄ LINE	

Profile Notes Red Plotted Job No. 0054.99 Division No.
No. X-Sec. Date Date Survey of
No. Date Notes Chk'd. Date Checked Survey by Notes Date
Date Map No. Indexed C.J. CALL Date

F. B. 2667 PG. 267

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
32+50				978.34	20.0 RT. EDGE PAV.	
				978.54	30.0 RT ℄ "	
				976.9	20.0 LT. GROUND	
33+00				976.45	⊼ LINE	
				977.60	20.0 RT EDGE PAV.	
				978.12	30.0 RT ℄ "	
				976.1	20.0 LT GROUND	
33+05.5				977.4	16.0 RT GROUND	
				977.81	16.0 RT TOP PRE MIX CURB	
				977.40	16.0 RT BOTT " " "	PAV.
33+09.8				977.0	⊼ LINE GROUND	
				977.42	" " TOP PRE MIX CURB	
				976.94	" " BOTT " " "	PAV.
33+16.7				977.21	16.0 RT. BOTT. PRE MIX CURB	PAV.
				977.65	16.0 RT TOP " " "	
				976.10	23.5 LT BOTT " " "	PAV.
				976.60	23.5 LT. TOP " " "	
				975.9	23.5 LT GROUND	
33+22.5				976.70	⊼ LINE BOTT PRE MIX CURB	PAV.
				977.05	" " TOP " " "	
				976.5	" " GROUND	

LENKER ROD USED

F. B. 2607 Pg. 268 Job No. 0059.99 Division No. Notes Red Plotted Profile
Survey of PUDDINGSTONE REC. AREA Date Date No.
Survey by M. SOTRO Notes H. SMITH Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
33+28.3				975.6	20.0 LT. GROUND	
				976.02	20.0 LT. TOP PRE MIX CURB	
				975.69	20.0 LT BOTT. " " " PAV.	
FD. B.M BF12				978.28 6	MARSHALL CR. FLOOD CONTROL CHANNEL & PUDDINGSTONE DR SMALL SPIKE IN LEAD S.W. COR. CONC. BRIDGE 444.0± EAST & PUDDINGSTONE FLOOD CONTROL CHANNEL F.B. 2667-232 ELEV. 978.253	
SEE PG 275 FOR MARSHALL CR. CHANNEL "X" SECTIONS						
33 +54.0				977.4	16.3 RT GROUND	
				977.79	16.3 RT TOP PRE-MIX CURB	
				977.38	16.3 RT. BOTT " " " PAV.	
33+57.0				976.1	⊼ LINE GROUND	
				976.82	⊼ LINE TOP PRE MIX CURB	
				976.36	⊼ LINE BOTT. " " " PAV.	
33+62.5				974.90	20.0 LT. BOTT " " " "	
				975.34	20.0 LT TOP " " "	
				974.8	20.0 LT GROUND	
33+66.2				977.45	16.0 RT BOTT PRE MIX CURB PAV.	
				977.83	16.0 RT TOP " " "	
33+70.0				976.08	⊼ LINE BOTT PRE MIX CURB PAV.	
				976.51	⊼ LINE TOP " " "	

LENKER ROD USED

Profile Notes Red ____ Plotted ____ Job No. 0054 99 Division No. ____
No. ____ Date ____ Date ____ Survey of PUDDINGSTONE REC. AREA
X-Sec. Notes Chk'd. ____ Checked ____ Survey by M. SOTRO Notes N.S. Date 4-9-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date 1570

F. B. 2667 PG. 269

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
33+74.7				975.19	20.0 LT. TOP PRE MIX CURB
				974.73	20.0 LT BOTT. " " "
33+80.7				976.4	20.0 LT GROUND (BREAK)
34+00				976.97	⊼ LINE
				977.20	22.0 RT EDGE PAV.
				977.46	30.0 RT. ℄ "
				976.9	20.0 LT. GROUND
34+50				977.05	⊼ LINE
				977.39	18.0 RT. EDGE PAV.
				977.61	30.0 RT ℄ "
				977.0	20.0 LT GROUND
35+00				976.52	⊼ LINE
				977.5	2.5 RT GROUND W.F.
				978.0	9.5 RT GROUND
				977.47	18.0 RT EDGE PAV.
				977.71	30.0 RT ℄ "
				976.8	20.0 LT GROUND
35+19.5				975.81	9.0 RT F/L 22" C.I.P.
35+21.6				977.95	⊼ LINE EDGE PRE MIX DRIVE.
35+35.6				978.00	⊼ " " " " "
35+40.8				975.53	8.5 LT. F/L 22" C.I.P.

LENKER ROD USED

F. B. 2667 Pg. 270 Job No. 0054.99 Division No. Notes Red Plotted Profile
Survey of PUDDINGSTONE REC. AREA Date Date No.
Survey by M. SOTRO Notes N. SMITH Notes Chk'd. Checked X-Sec.
Indexed B. J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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Profile Notes Rel____ Plotted____ Job No. 005499 Division No.____
No.____ Date____ Date____ Survey of Rubidoux Rec. Area
X-Sec. Notes Chk'd.____ Checked____ Survey by L.D. Sokol Notes A.L.S. Date 4-9-72
No.____ Date____ Date____ Map No.____ Indexed B.J. GALLI Date APR 15 72

F. B. 2667 Pg. 27

STATION	B. S.	H. I.	F. S.	ELEV.		
35+50				976.45	℄ LINE	
				977.0	3.0 RT GROUND. W.F.	
				977.48	20.0 RT EDGE PAV.	
				977.86	30.0 RT ℄ "	
				976.3	20.0 LT GROUND	
36+00				975.93	℄ LINE T.P	
				976.2	3.0 RT GROUND W.F.	
				978.26	20.0 RT EDGE PAV.	
				978.65	30.0 RT ℄ "	
				975.7	20.0 LT GROUND	
36+50				976.76	℄ LINE	
				977.5	3.5 RT GROUND W.F.	
				979.56	18.5 RT EDGE PAV	
				980.51	30.0 RT ℄ "	
				975.5	20.0 LT GROUND	
37+00				977.65	℄ LINE	
				980.4	8.0 RT GROUND	
				981.67	17.0 RT EDGE PAV.	
				982.56	30.0 RT ℄ "	
				976.0	5.0 LT GROUND	
				975.3	20.0 LT "	

USED

LENKER ROD

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
37+47.0				976.68	3.0' LT TOP CONC. CULVERT
				976.66	4.5 LT TOP 18" IRON PIPE
				977.60	3.8 LT TOP CONC. HEADWALL OK N.S.
37+50				980.85	⊼ LINE
				982.6	5.0 RT GROUND
				983.54	16.0 RT EDGE PAV.
				984.00	26.0 RT ℄ "
				976.6	6.0 LT GROUND
				975.8	20.0 LT "
				975.69	20.0 LT TOP 18" IRON PIPE
37+65				983.1	⊼ LINE GROUND
37+78.2				976.6	22.0 LT GROUND
37+79.2				983.6	9.0 LT "
SEE PG. 275 FOR PUDDINGSTONE CHANNEL CROSS SECTIONS					
38+00				984.07	⊼ LINE
				984.72	13.5 RT EDGE PAV.
				985.08	23.0 RT PAV.
				982.7	20.0 LT GROUND
38+18.9				978.37	49.2 RT F/L INLET 30" C.I. DRAIN PIPE

LENKER ROD USED

F. B. 2667 PG. 272 Job No. 0054.99 Division No. Notes Red Plotted Profile
Survey of PUDDINGSTONE REC. AREA Date Date No.
Survey by M. SoTRO Notes N.S. Notes Chk'd. Checked X-Sec.
Indexed C.J. GALL Date Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
38+25				969.68	85.3 LT. F/L OUTLET 30" C.I. DRAIN PIPE
38+40.43				983.61	⊼ LINE (END)
				984.64	10.0 RT. EDGE PAV.
				985.09	19.0 RT CROWN
				982.5	20.0 LT GROUND
F.D. BM BF 11				984.55	PUDDINGSTONE FLOOD CONTROL CHANNEL & PUDDINGSTONE DR. FLOOD CONTROL BRASS CAP IN CONC. BRIDGE # 557. EAST END & 10.0 ± SOUTH ℄ PUDDINGSTONE DR. MARKED BM 94-21 ELEV 984.540 1934 ADJ. U.S.G.S. F.B. 813-176 F.B. 1836-163 F.B. 2667-232 ELEV. 984.555
			—	END	—

LOCATION, SIZE, & ELEVATIONS AT TOP OF UTILITIE PIPES PARK AVE. & PUDDINGSTONE DR. (5-14-70)

STATION	B. S.	H. I.	F. S.	ELEV.	
FD B.M. B.F-14				994.020	PARK AVE & PUDDINGSTONE DR. SMALL SPIKE IN LEAD IN CONC. BASE OF WEST FENCE POST. ENTRANCE TO CONTROL TOWERS BRACKETT FIELD ELEV. 994.020 F.B. 2667-233
PROFILE LINE 15+18.0	4.78	998.80	7.25	991.55	10.0 RT. (20.0 OFF ℄ PUDD. DR) TOP 9" O.D. STEEL GAS LINE 200 LBS. PRESSURE.
15+01.39			4.77	994.03	⊼ LINE ΔPT. S&T IN PAV. F.B 2667-258 ELEV-994.04

Profile Notes Red ____ Plotted ____ Job No. 0054.99 Division No. ____
No. ____ Date ____ Date ____ Survey of PUDDINGSTONE REC. AREA
X-Sec. Notes Chk'd. ____ Checked ____ Survey by M. SOTRO Notes H.S. Date 4-9-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date APR 15 '70

F.B. 2667 PG. 273

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
FD. BM. BF-14				994.020	PARK AVE. & PUDDINGSTONE DR. SMALL SPIKE IN LEAD IN CONC. BASE OF WEST FENCE POST ENTRANCE TO CONTROL TOWER BRACKETT FIELD ELEV. 994.020 F.B. 2667-233
PROFILE STA 14+88.7	4.90	998.92	10.13	988.79	9.0' RT (21.0± OFF ℄ PUDD. DR.) TOP 12" O.D. AC. WATER (TRANSITE)
15+01.39			4.88	994.04	π LINE ∡ PT. S.&T. IN PAV. F.B. 2667-258 ELEV. = 994.04
FD. BM. B.F-14				994.020	SAME AS ABOVE. (5-18-70)
PROFILE STA. 14+77.0	5.95	999.97	11.74	988.23	7.7' RT (22.3± OFF ℄ PUDD. DR) TOP 52.0" O.D. M.W. DIST. CONC. PIPE (42.0" INSIDE)
PROFILE STA 14+77.0			6.1	993.9	7.7' RT GROUND SHOT
15+01.39			5.93	994.04	π LINE ∡ PT. S.&T. IN PAV. F.B. 2667-258 ELEV 994.04

F. B. 2667 Pg. 274

Job No. 0054.99 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of PUDDINGSTONE REC. AREA Date ____ Date ____ No. ____

Survey by M SOTRO Notes N. SMITH Notes Chk'd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ No. ____

F. B. 2667 PG. 275

Profile No. | Notes Rec'd Date | Plotted Date | Job No. 0054.99 | Division No.
Survey of PUDDINGSTONE REC. AREA
X-Sec. No. | Notes Chk'd Date | Checked Date | Survey by M. SOTRO Notes M.S. Date 4-9-70
Map No. | Indexed C. T. GALT Date APR 15 '70

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STATION	B. S.	H. I.	F. S.	ELEV.	
					J N. 0054.99 PUDDINGSTONE RESERVOIR STATE & COUNTY RECREATION AREA NORTH SHORE DEVELOPMENT. CROSS SECTIONS FOR LIVE OAK CHANNEL MARSHALL CR. CHANNEL PUDDINGSTONE CHANNEL M. SOTRO N. SMITH G. COOK

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+10	SOUTH EDGE LIVE OAK CHANNEL			987.04	SOUTH EDGE LIVE OAK WASH & ℄ PUDDINGSTONE DR	
0+51.4				986.42	BOTT CURB. SOUTH EDGE LIVE OAK CHANN.	
				987.[illegible]	TOP " " " " " "	
0+60.0				987.12	TOP CURB " " " " "	
				986.30	BOTT " & TOP OF DECK SO. EDG. LIVE OAK CH.	
				985.9	GROUND	
1+00				985.75	⊼ LINE INT. TOP DECK SO. EDG. LIVE OAK CHANN	
1+10				985.59	TOP DECK SO. EDGE LIVE OAK CHANN.	
				972.56	17.5 RT BOTT CHANNEL	
				985.74	17.5 RT. TOP DECK INT. DECK & CURB	
				984.81	TOP SO. CHANNEL WALL	
				972.64	BOTT CHANNEL SO. EDGE.	
1+24.0				983.45	TOP SO. CHANNEL WALL	
1+50				983.12	TOP SO. CHANNEL "	
				972.12	BOTT. CHANNEL SO. EDGE	
2+00				982.51	TOP SO. CHANNEL WALL	
				9[illegible].41	BOTT CHANNEL SO. EDGE	
	NORTH EDGE LIVE OAK. CHANNEL					
0+75.0				98[illegible].30	NO. EDGE LIVE OAK CHAN. & ℄ PUDDINGSTONE DR.	
1+00				985.91	" " " " " & PAV.	
1+16.4				985.68	BOTT. CURB NO. EDGE CHANN.	
				986.37	TOP " " " "	

LENKER ROD USED

F. B. 2667 PG. 276
Job No. 0054.99 Division No. Notes Red Plotted Profile
Survey of PUDDINGSTONE REC. AREA Date Date No.
Survey by M. SOTES Notes N.S. Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
1+23.8				986.35	TOP NO. CHANNEL WALL
				985.1	GROUND
1+35.0		LEWKER ROD		986.16	TOP NO. CHANNEL WALL
				985.0	GROUND
1+46.5				983.01	TOP NORTH CHANNEL WALL
				972.06	BOTT CHANNEL NO. SIDE
2+00				982.50	TOP NORTH CHAN. WALL
				971.45	BOTT CHANN. NO. SIDE
2+ 50				981.91	TOP NORTH CHANNEL WALL
				970.81	BOTT CHANNEL NO. SIDE
CROSS SECTIONS MARSHALL CR. CHANNEL					
0+70.0				977.73	23.6 LT. W. EDGE CHANN. & ℄ PUDD. DR.
				977.82	41.6 LT. E. " " " " "
0+83.7				977.52	22.3 LT. W. EDGE " & BOTT. CONC. CURB
		USED		978.23	22.3 LT. W. " " & TOP " "
				977.59	40.3 LT. E. EDGE CHANN. & BOTT. CONC CURB
				978.26	40.3 LT. " " " & TOP " "
0+86.5				978.19	22.0 LT. TOP W. CHANNEL WALL
				963.29	22.0 LT BOTT CHANNEL W. SIDE
				965.20	40.0 LT. " " E SIDE

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0054-99 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of PUDDINGSTONE REC. AREA
Notes Chk'd. ____ Checked ____ Survey by M. SOTRO Notes N.S. Date 4-9-70
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date AR 15 '70

F. B. 2667 PG. 277

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
0+86.5				978.35	40.0 LT. TOP E. CHANNEL WALL
0+87.7				978.19	39.4 LT TOP E. CHANNEL WALL
				977.5	39.4 LT. GROUND
0+89.5				977.4	21.7 LT. GROUND
				978.16	21.7 LT. TOP W. CHANNEL WALL
0+95.7				975.42	37.6 LT. TOP E. CHANNEL WALL
1+02.0				973.08	18.0 LT TOP W. CHANNEL WALL
1+50.0				972.33	3.0 LT. TOP W. CHANNEL WALL
				962.33	3.0 LT. BOTT. CHANNEL W. SIDE
1+56.5				964.27	18.5 LT BOTT " E. SIDE
				974.37	18.5 LT. TOP E. CHANNEL WALL
PUDDINGSTONE CHANNEL CROSS SECTIONS					
0+78.1				983.08	7.7 RT TOP E. WING WALL
				972.55	7.7 RT BOTT CHANNEL E. WALL
				984.35	7.7 RT. TOP S.E. COR CONC. DECK
				982.94	7.7 LT TOP W. WING WALL
				972.43	7.7 LT. BOTT CHANNEL W. WALL
				984.23	7.7 LT. TOP S.W. COR CONC. DECK
0+78.2				972.07	℄ CHANNEL FLOW LINE
1+00				984.48	7.7 RT TOP E. SIDE CONC. DECK

LENKER ROD USED

F. B. 2667 PG. 278 Job No. 0054.99 Division No. Notes Red Plotted Profile
Survey of PUDDINGSTONE REC. AREA Date Date No.
Survey by M. SOTRO Notes N.S. Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+00				984.40	7.7 LT. TOP W SIDE	CONC. DECK
1+08.4				984.55	7.7 RT TOP E. SIDE	CONC DECK & BOTT 3.0' HIGH WALL
				984.50	7.7 LT. TOP W. SIDE	CONC. DECK & BOTT. 3.0 HIGH CONC WALL
1+14				984.62	7.7 RT EDGE	PAV.
				984.74	7.7 LT. "	"
1+30.1				984.98	7.7 RT SEMI TANG	PAV.
				985.08	7.7 LT "	" PAV.

END.

Profile Notes Red ____ Plotted ____ Job No. 2054.99 Division No. ____
No. ____ Date ____ Date ____ Survey of PUDDINGSTONE REC. AREA
X-Sec. Notes Chk'd. ____ Checked ____ Survey by M. SOTRO Notes N.S. Date 4-9-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date APR 15 '70

F. B. 2667 Pg. 279

F. B. 2667 PG. 280 Job No. 0054-99 Division No. Notes Red Plotted Profile

Survey of PUDDINGSTONE REC. AREA Date Date No.

Survey by M. SOTRO Notes N.S. Notes Chk'd. Checked X-Sec.

Indexed Date Date Date No.

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

76-L-298 CE 307 5-66

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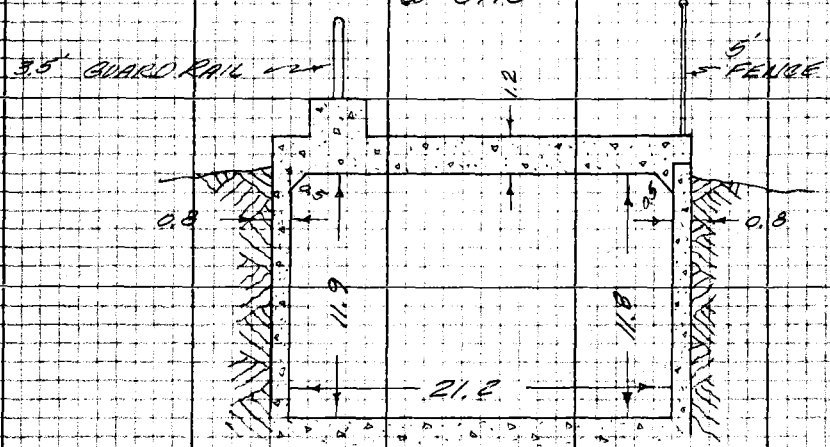
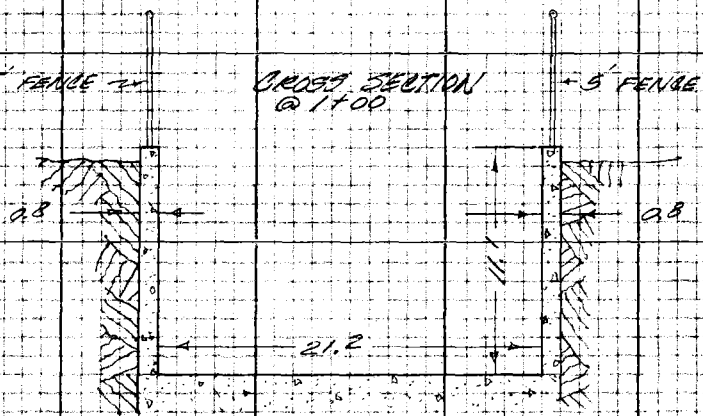
Notes Ck'd by	Survey of PUDDESTONE REC	F.B. 2667 Pg. 281
Map No.	JN 0054.99 Tape Std °F	
Office Work	Surveyed by M. SOTRO	
Checked	Notes M.S. Date 4-7-70	
Date	Indexed C. J. GALLI AUG 15 '70	

LIVE OAK WASH

CROSS SECTION @ 0+10



CROSS SECTION @ 1+00



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.

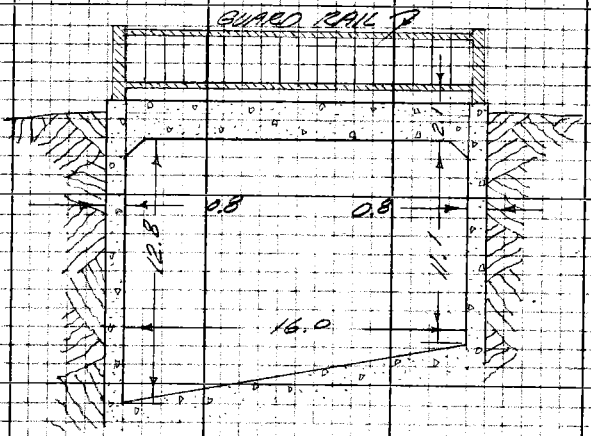
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

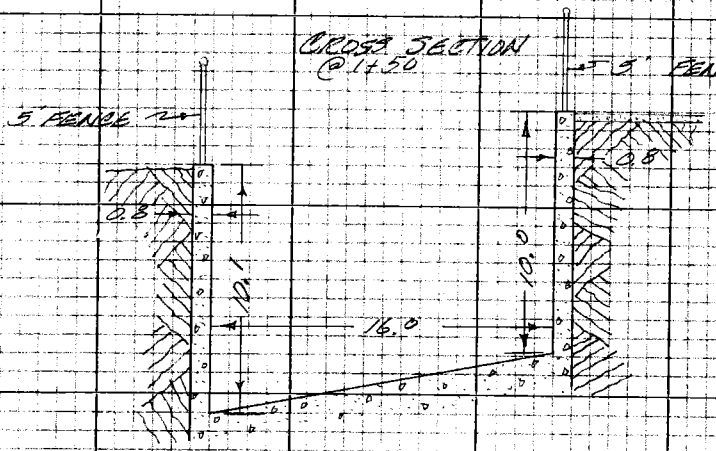
F.B. 2667 Pg. 282

MARSHALL CREEK CHANNEL

CROSS SECTION @ 2+83.7



CROSS SECTION @ 1+50



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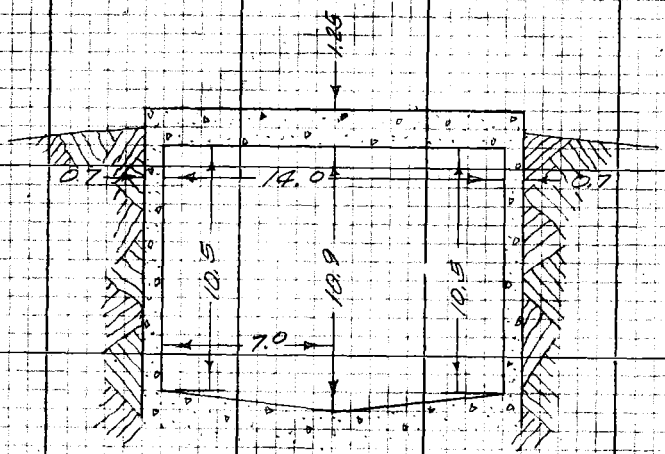
Notes Ck'd by _____
Map No. _____
Office Work _____
Checked _____
Date _____

Survey of PRODUCTION REC.
IN 02548 Tape _____ Std _____ °F
Surveyed by M. SOTO
Notes M.S. Date 4-7-70
Indexed S. J. GALLI APR 15 '70

F.B. 2667 Pg. 283

PRODUCTION CHANNEL
CROSS SECTION @ 14+00