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

FOR LATER SURVEY

SEE

F.B. 3455

Microfilmed June '85

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Date	Indexed	

Page	Job	Description
		MARINA DEL REY
5-45	Bdry.	Bdry. survey & roads in Marina.
47-57	Loc.	Loc. of fill dirt along N'ly side of Ballona Creek.
59-62	Loc.Imp.	Loc. & elev. of conc. box drain at Oxford Ave.
63-64	Bdry.& C.L.	L.A. City Bdry. & C.L. Mile #4-Intersection set.
73-76	Loc.Imp.	Loc. & levels on culvert at Lincoln Blvd. & Flood Cont. Channel.
77-79	Loc.Imp.	Loc. & elev. of culvert across Lincoln Blvd. N'ly from Culver Blvd.
81-90	C.L.	C.L. Lincoln Blvd. from Washington E'ly to Culver Blvd.
101-112	Loc.Imp.	Oil well location alg. W'ly bdry.
113-118	Elev.	Elev. of oil wells for abandonment.
119-124	Align.	Align. P.E. Ry. from Lincoln Blvd. to Washington St.
125-131	C.L.	Mole const. C.L.'s & ties.
133-	Loc.	Names of oil wells to be abandoned.
135-138	Cont.	Survey of Beach Control Line from N-10 to N-11.
139-141	Elev.	Elev. for possible disposal site on Hughes property.

(cont'd on next page)

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78-2033 CK #310 5-68

F.B. 2380 Pg.

Page	Job	Description
143-162	Elev.	Levels at entrance of main channel.
163-171	Topog.	Tide gates final cross-sections.
173-174	C.L.	C.L. of north jetty at entrance channel.
175-184	Topog.	Hughes Ditch cross-sections.
185-188	Topog.	Topog. for Oxford Ave. drainage basin.
189-191	Loc.	Loc. of sunken barge in channel.
193-199	Stak.	Fence staking survey at Washington St., P.E. Railway, also Pacific Ave. from 56th Ave. to 60th Ave.
201-212	Hor. Cont.	Establishment of Horizontal Control to hold location of moles during construction.
213-260	Bdry.	Bdry. survey & X-sec. of Disposal Area (No. 1) at Washington & Grand Aves. (Oxford Area Drainage Area)
261-270	X-sec.	X-sec. of alley W. of Washington Blvd. from Grand Canal E'ly 2000 ft

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Office Work		Surveyed by English	
Checked		Notes Ed. Date 11-12-58	
Date		Indexed [redacted]	

MARINA DEL REY

J.N. 0021.16

ROADS AND
BOUNDARY
SURVEY

Oct. 12, 1958
English
Landa
Foulger F. Wallace
Dupuis

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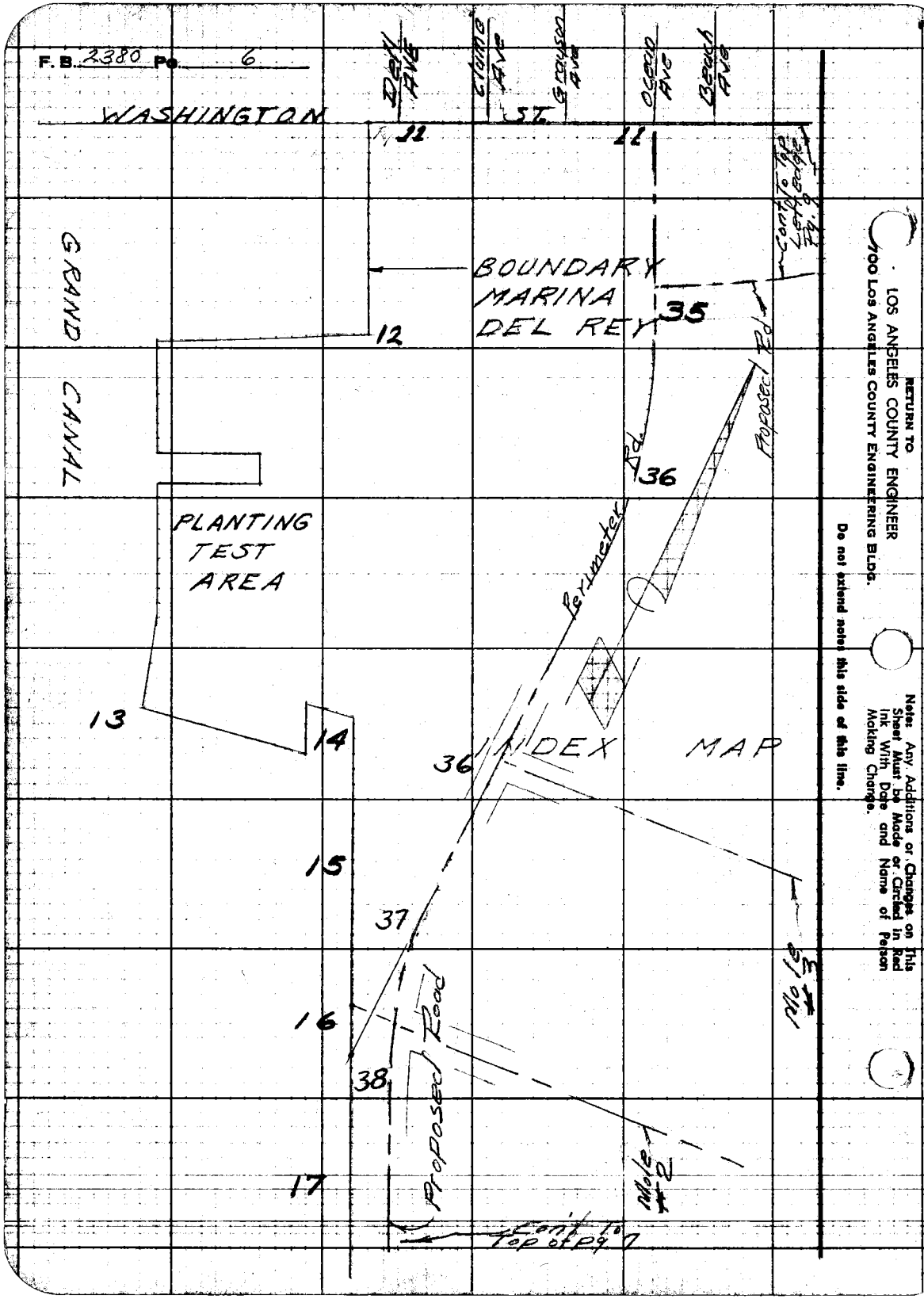

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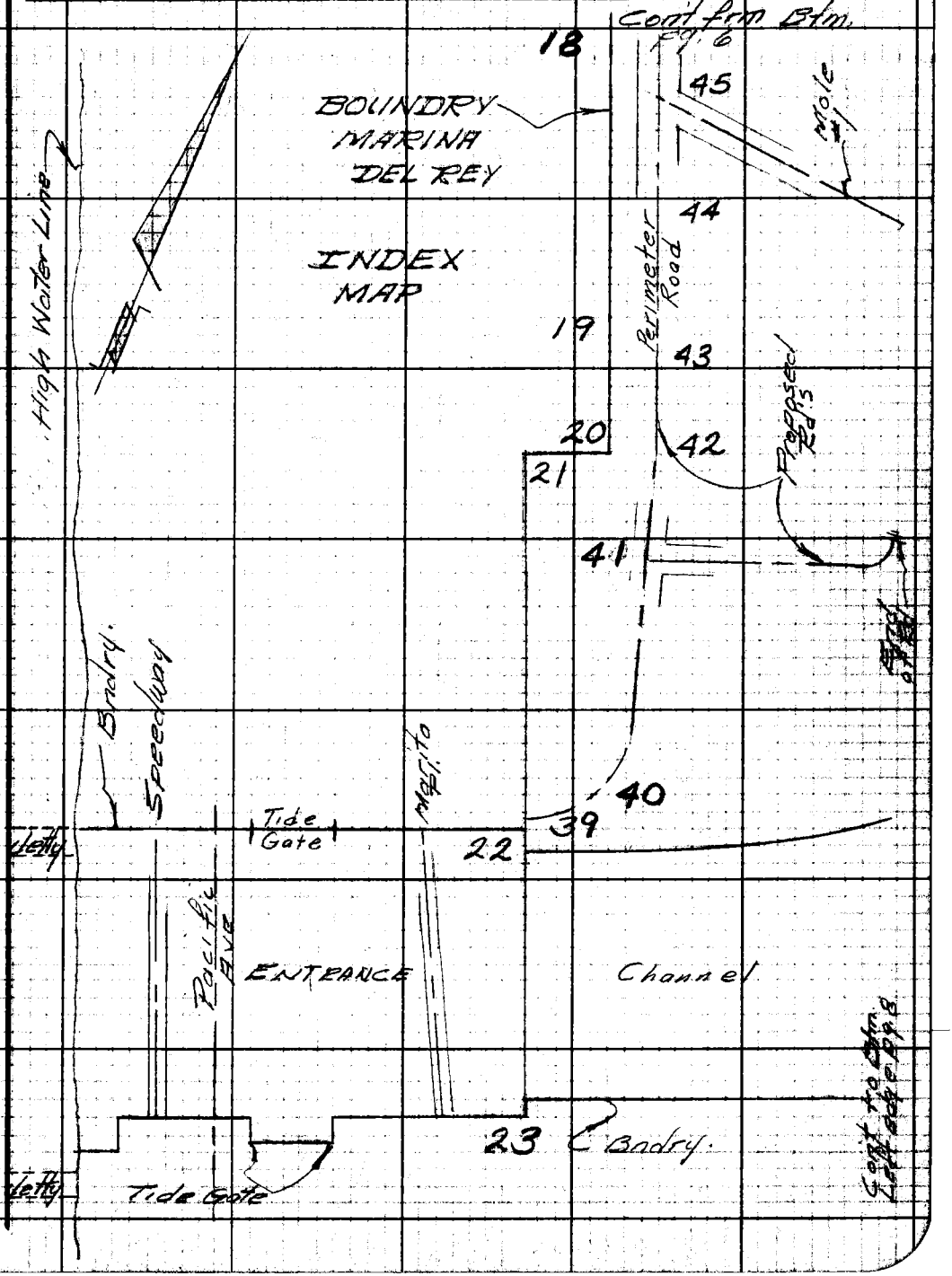
Office Work	Surveyed by E. English
Checked	Notes E. Landa Date 11-12-58
Date	Indexed C. Johnson

F. B. 2380 Pg. 7



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F. B. 2380 Pg. 8

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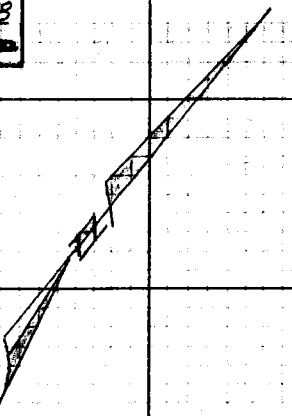
Map No.	JN 0021.10 Tape — Std — °F
Office Work	Surveyed by English
Checked	Notes E. Landa Date 12-58
Date	Indexed C. Johnson

F. B. 2380 PG. 9

BOUNDRY
MARINA
DEL - REY

INDEX
MAP



WASHINGTON STREET

BNDRY.

Cont. From Top Rt. Edge of Pg. 8

Cont. From Top Left Edge of Pg. 8

Perimeter Rd.

℄ Proposed Rd.

MOLE #4

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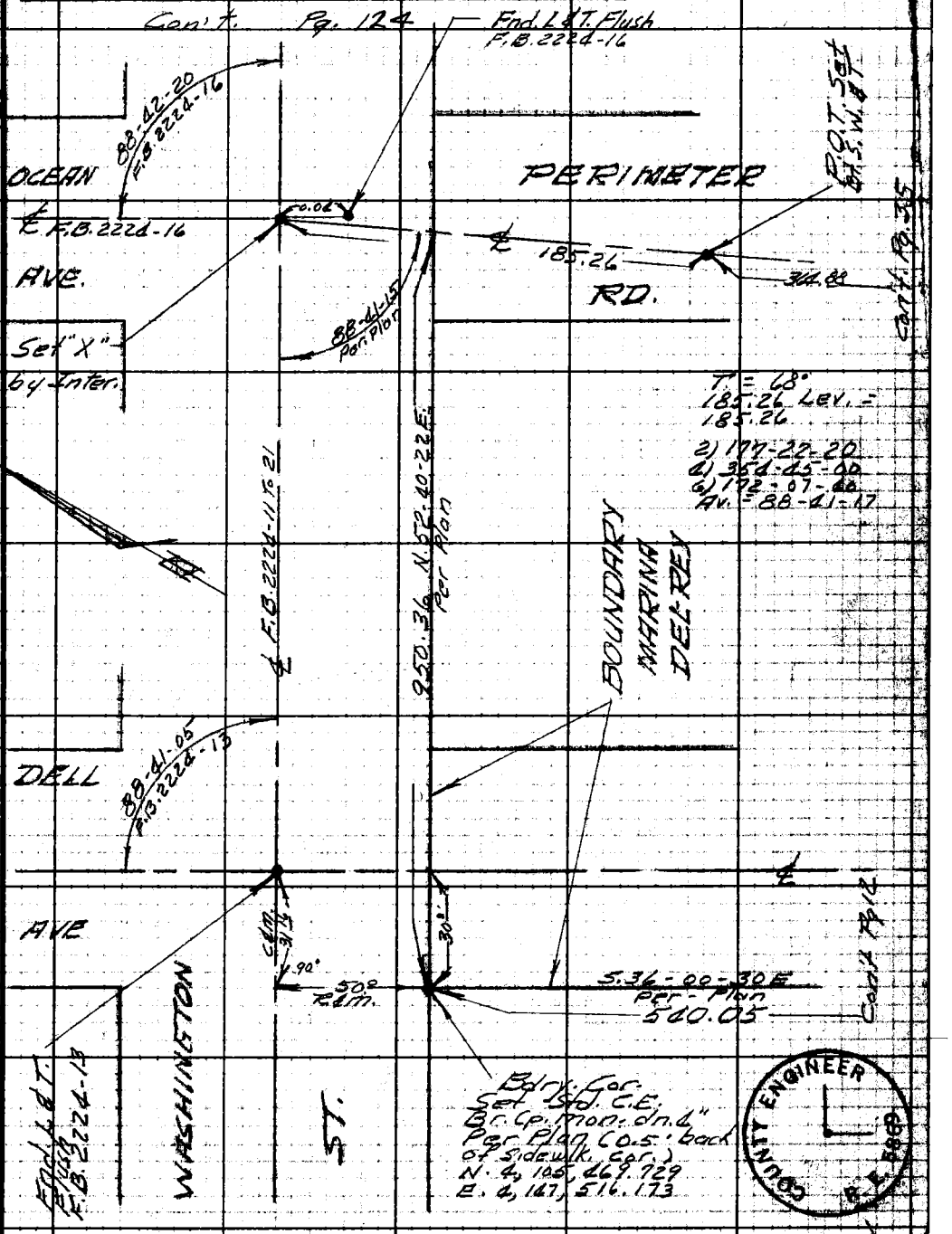
Date	Indexed A. C. Johnson

F. B. 2380 Pg. 11

W.S. 23-A3



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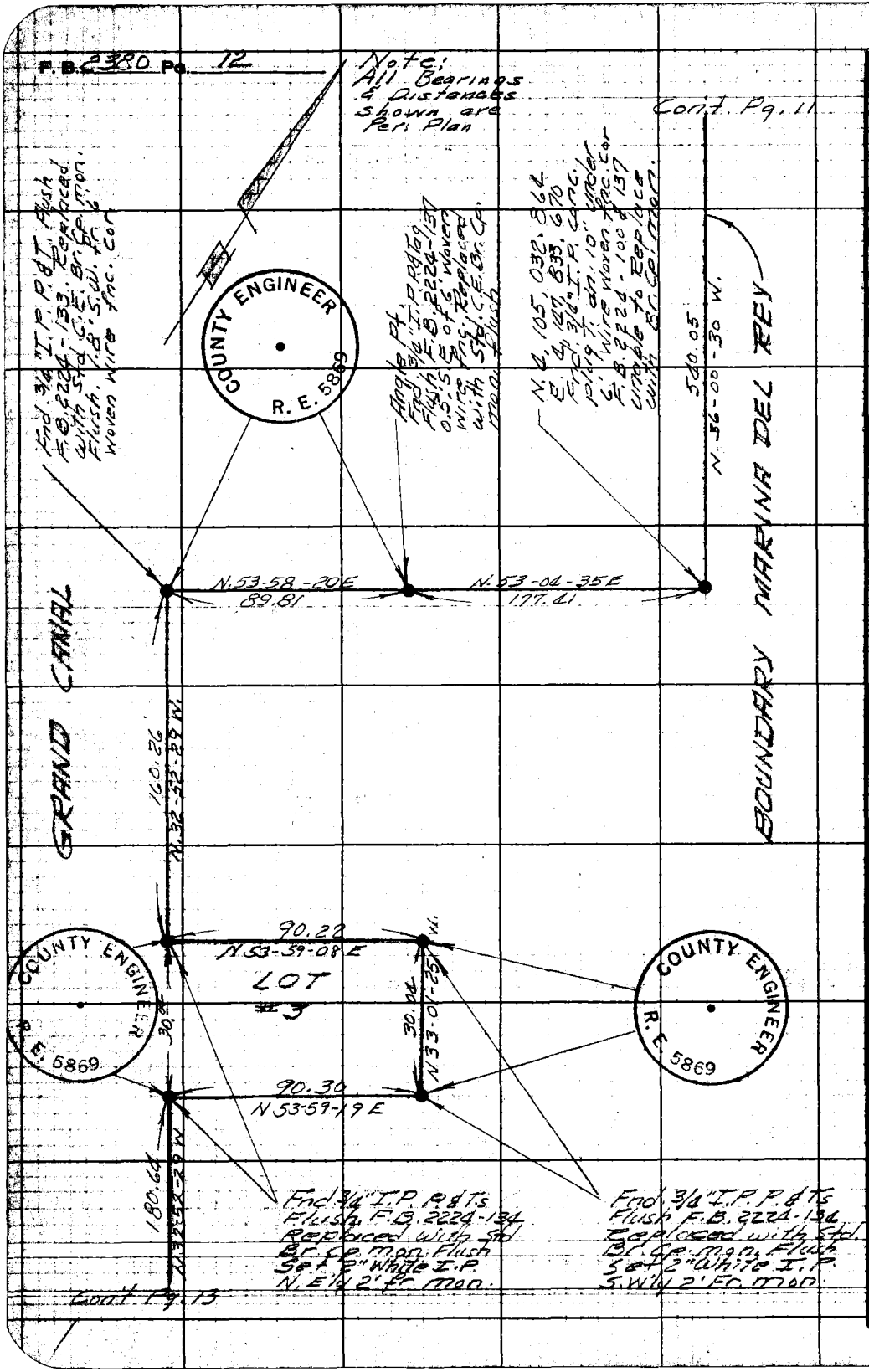

W.S. 23-A3

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Map No.	JN 0021.16 Tape 017 Std 68 °F	
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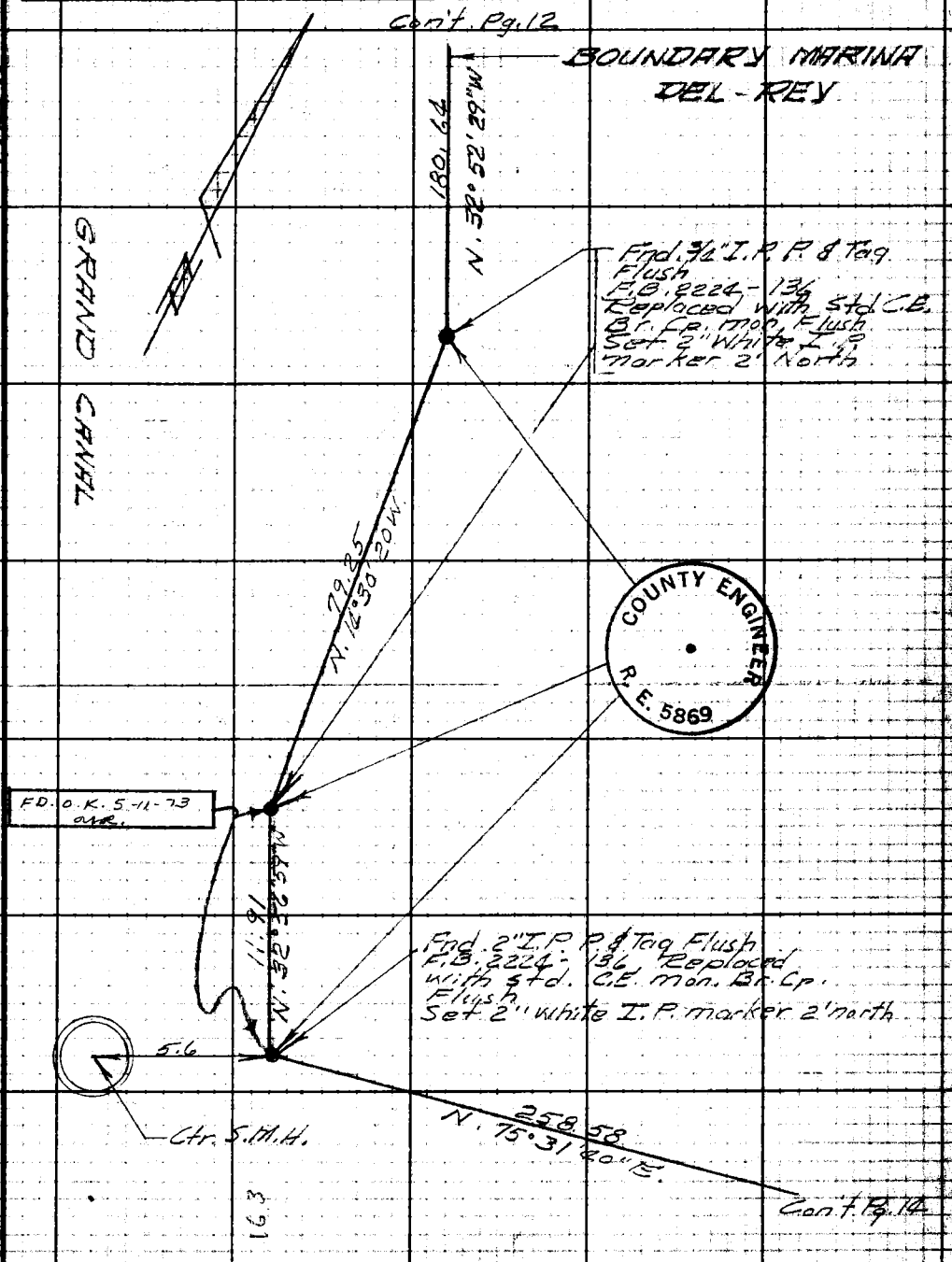
Checked	Notes Ed. Date 11-10-58	
Date	Indexed C. Johnson	



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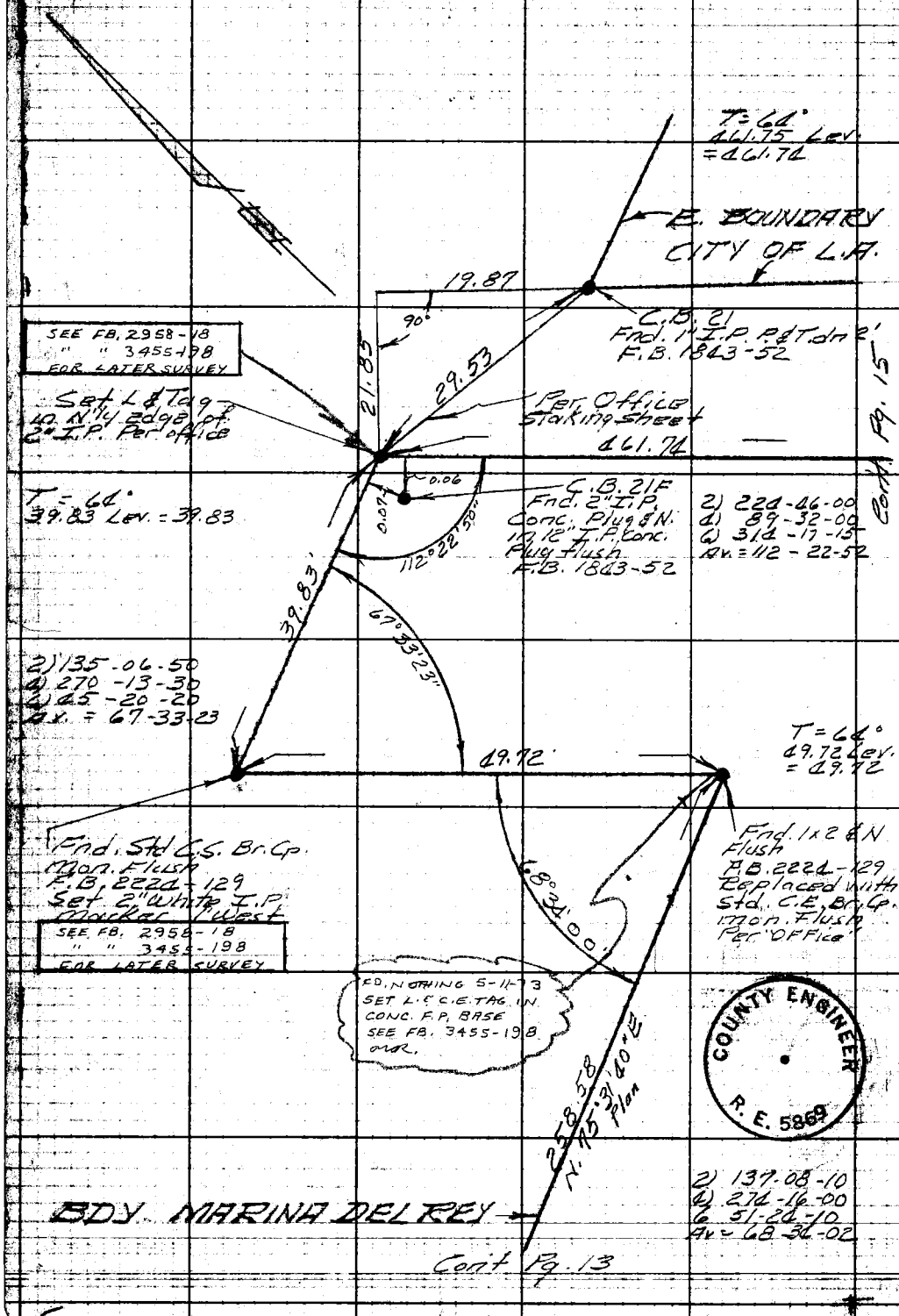
F.B. 2380 Pg. 14



W.S. 23-A3

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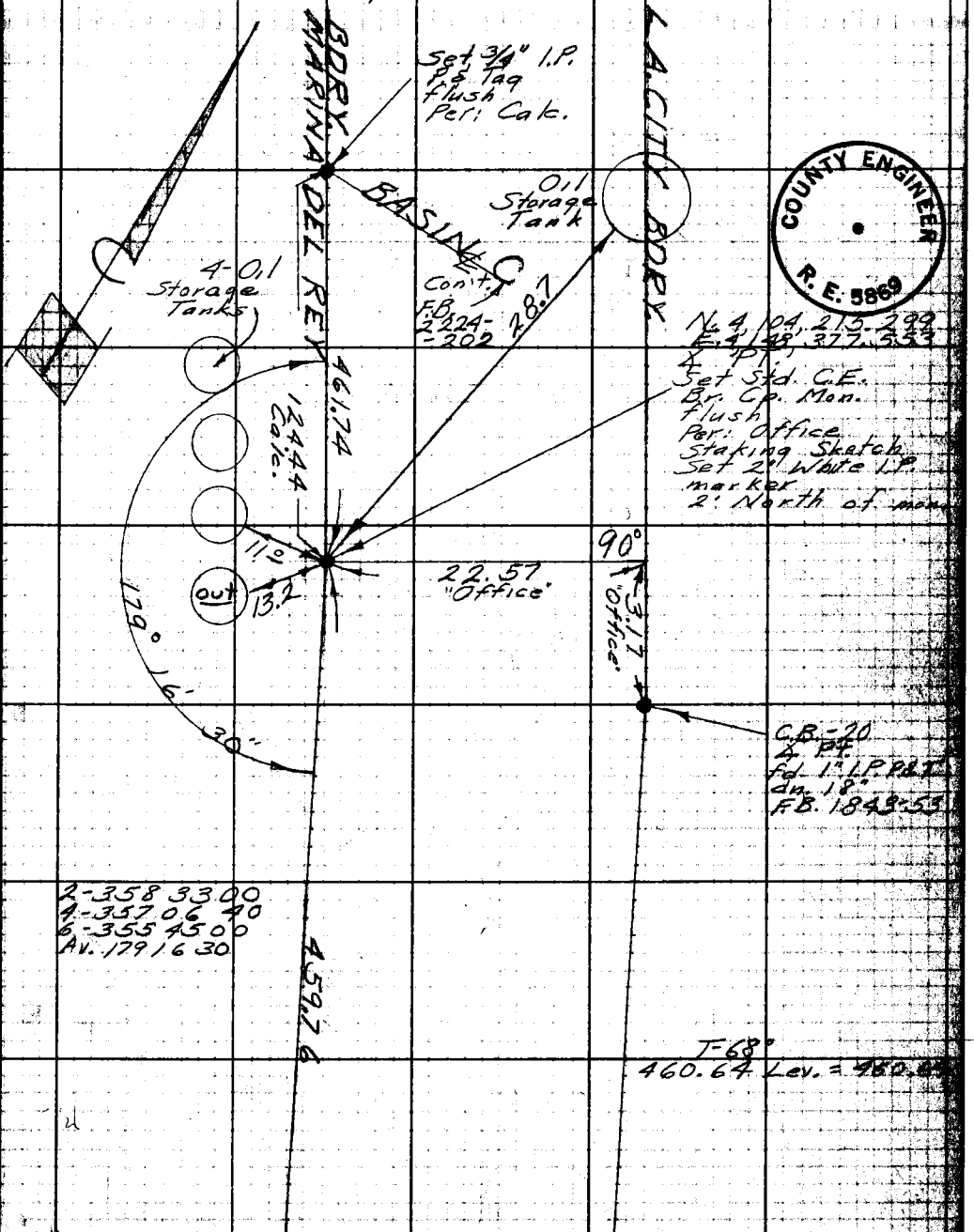
Map No.	JN 0021.16 Tape 117 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 11-58	
Date	Indexed [illegible] C. Johnson	



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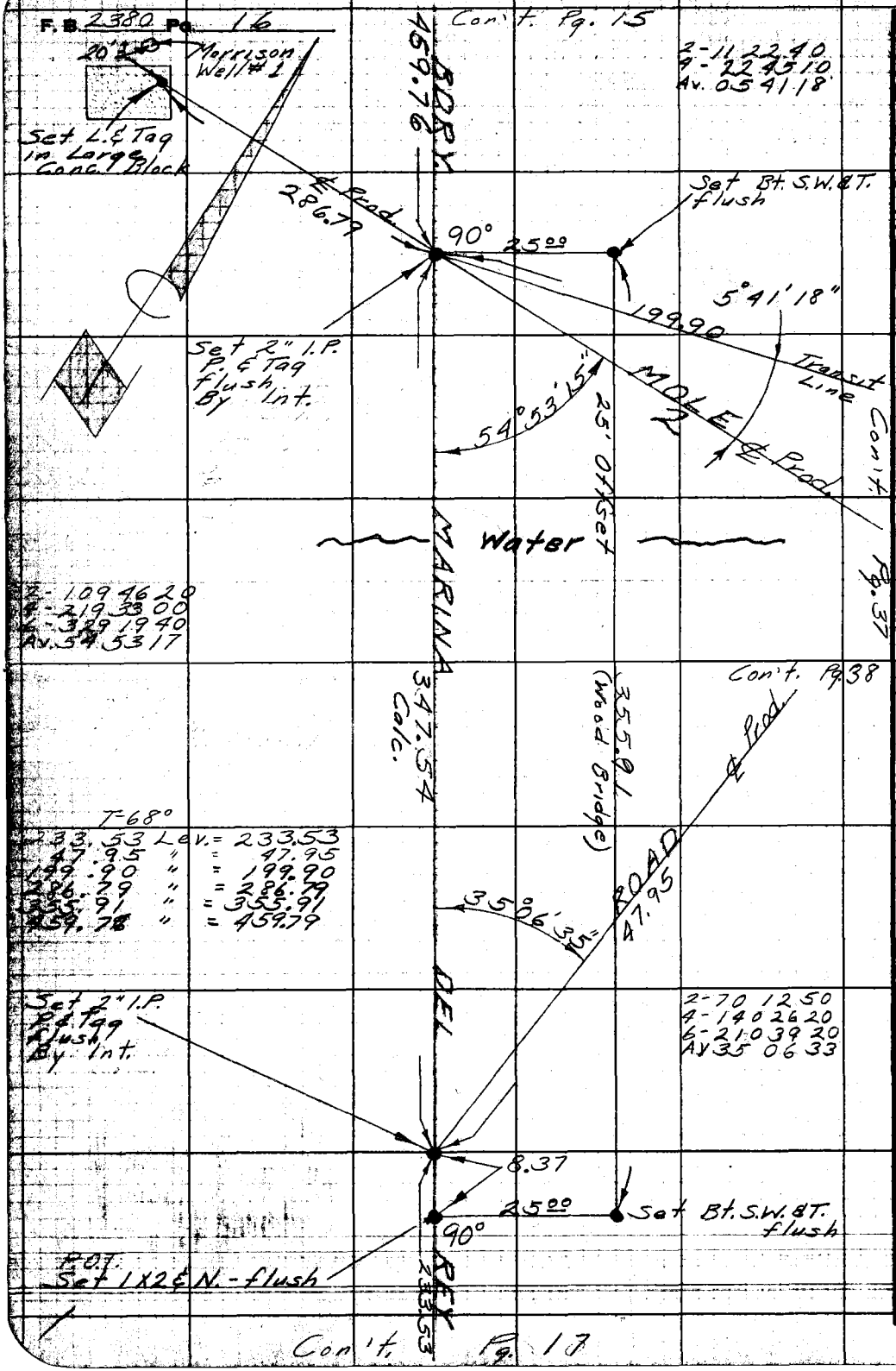
7673048 CE #447 2-57



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F. B. 2380 Pg. 17

Angle Pt. Con't Pg. 16

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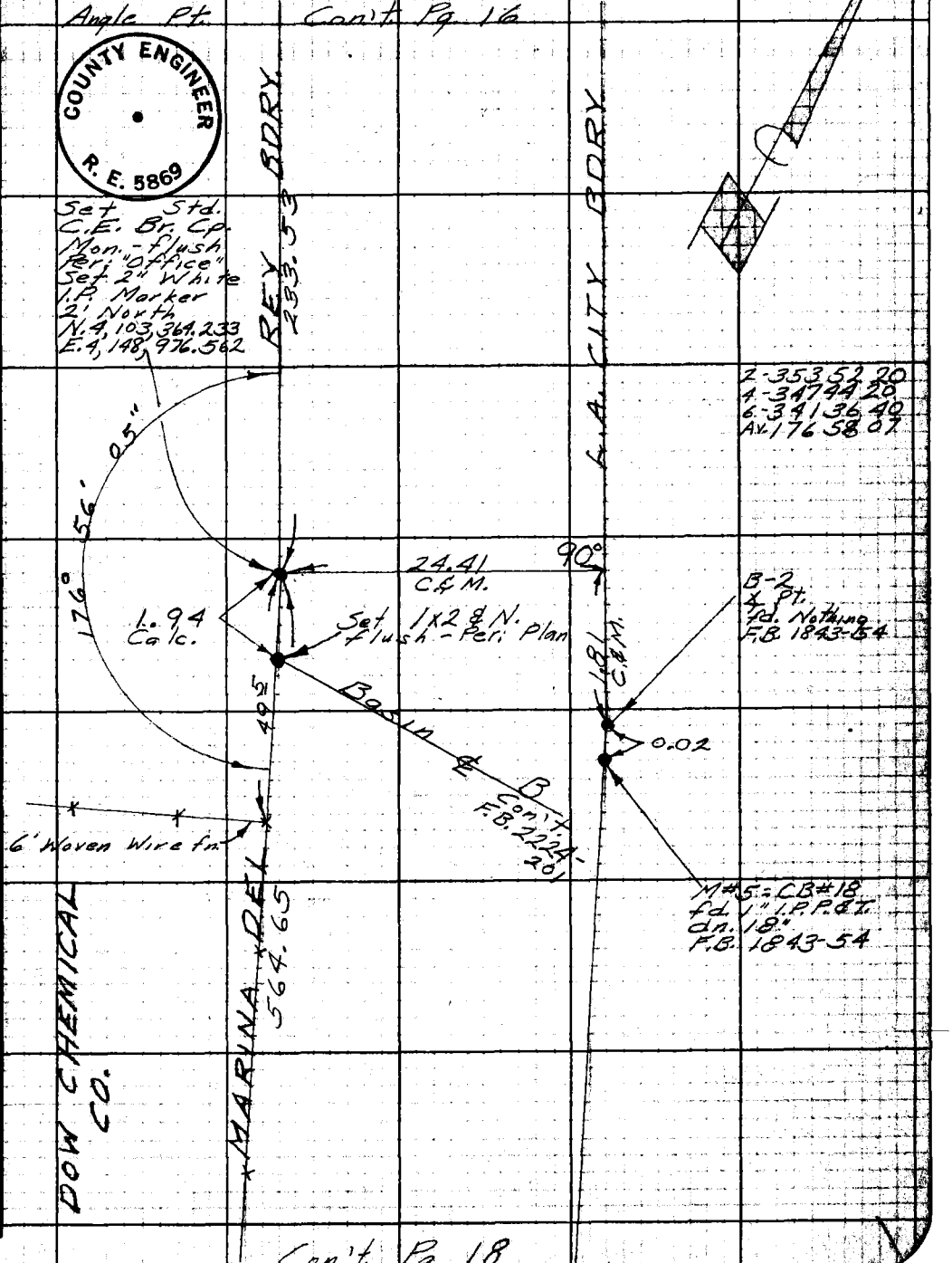
W.S. 23-A3



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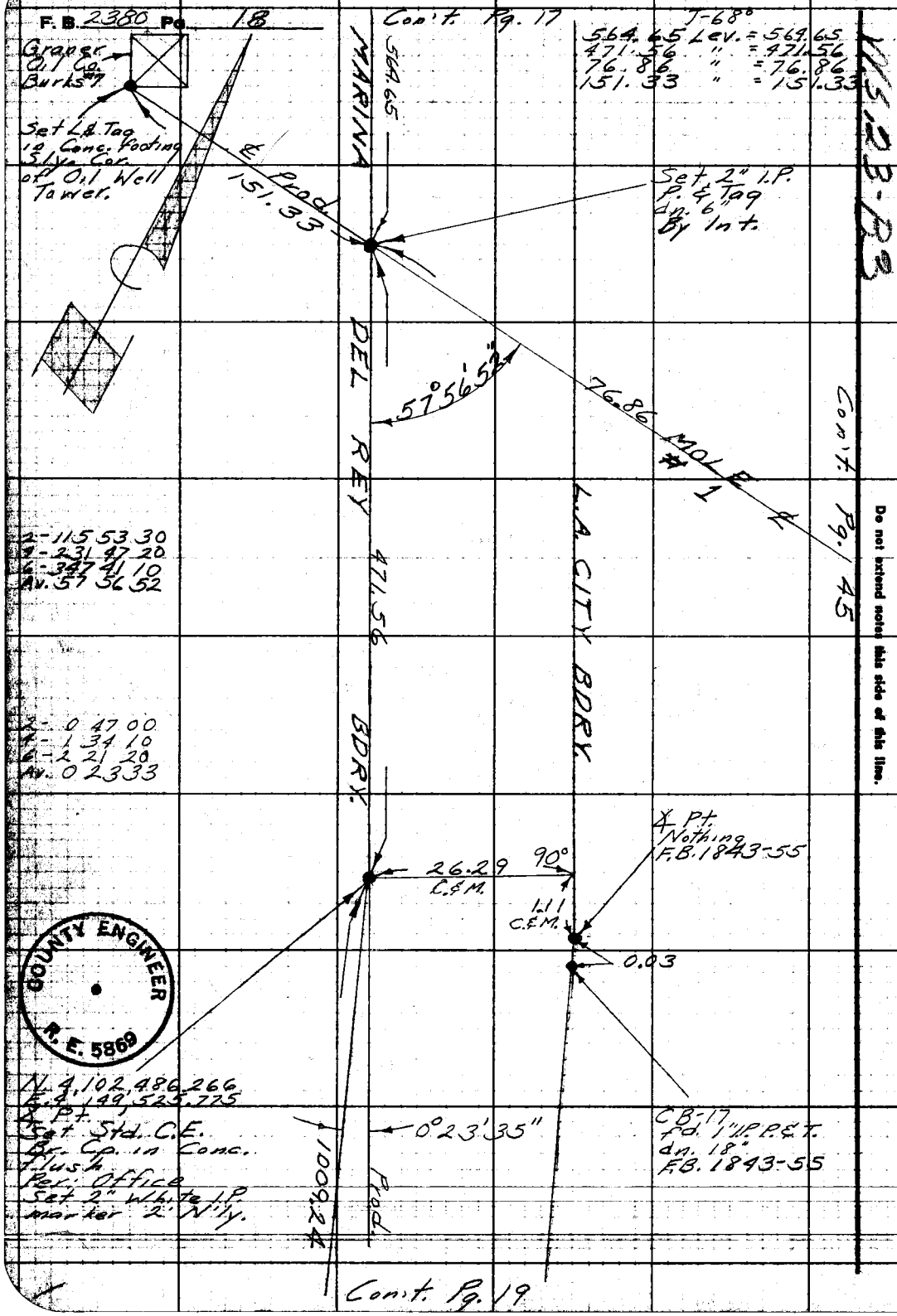
RETURN TO LOS ANGELES COUNTY ENGINEER 1700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3096 CE #247—3-57

Con't. Pg. 18



V.S. 23-B3

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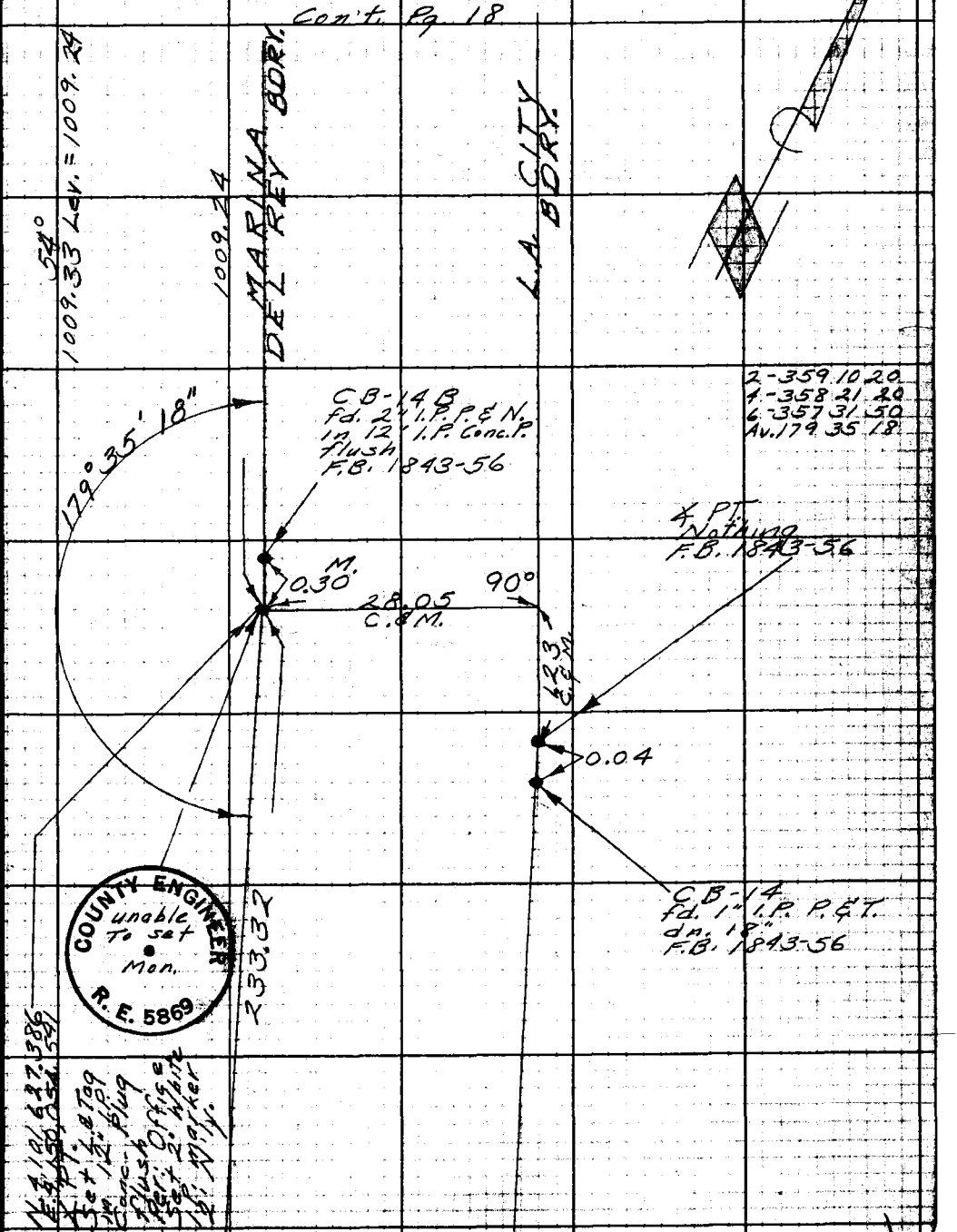
Date	Indexed A. C. Johnson

F.B. 2380 Pg. 19

Con't. Pg. 18



Con't. Pg. 20

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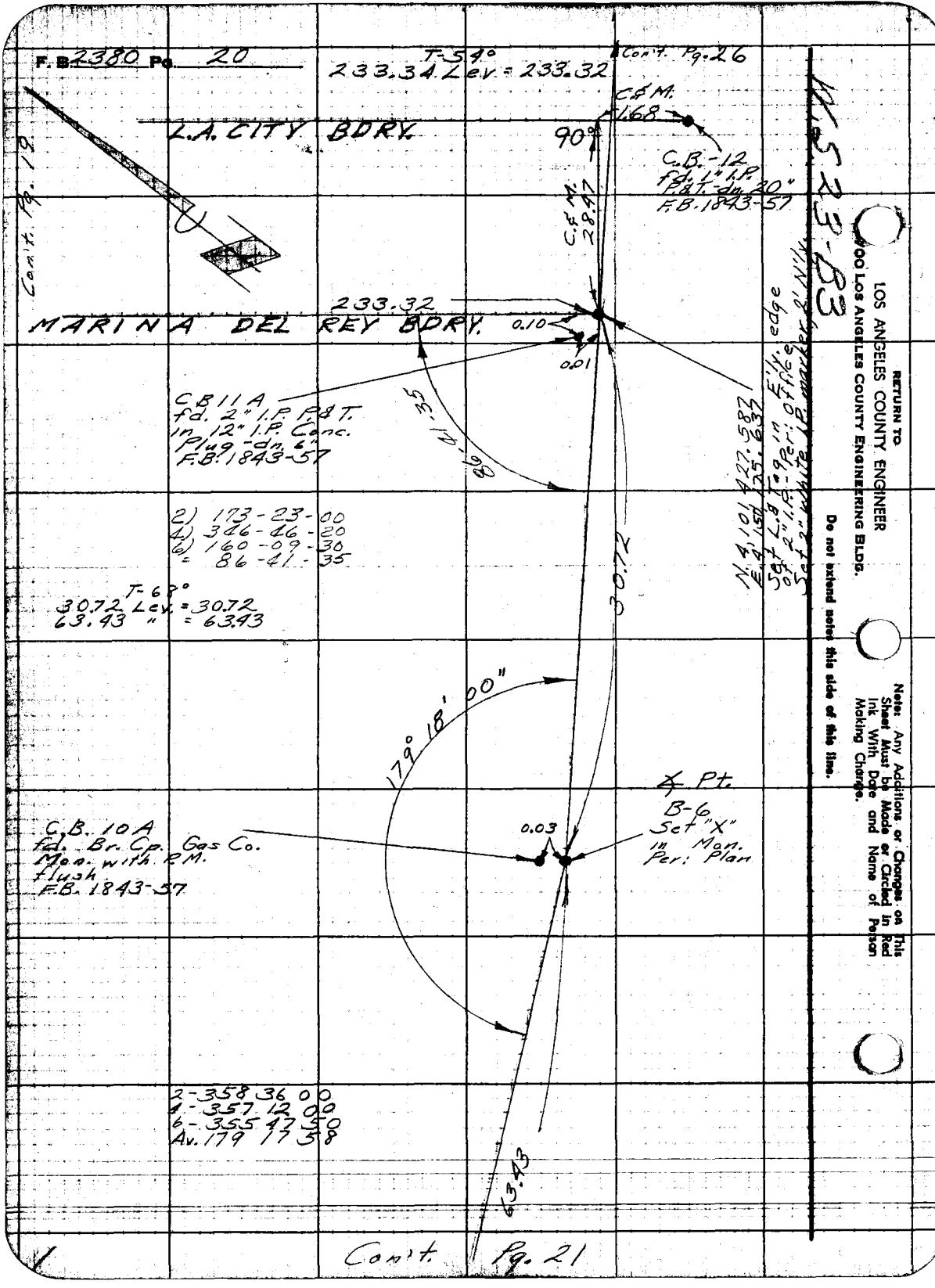
76F3D9S CE #247—8-57


F.B. 2380 Pg. 20
T-54°
233.34 Lev. = 233.32
Con't. Pg. 26
C&M. 1.68
L.A. CITY BDRY.
90°
C.B.-12
fd. 1" I.P.
P&T. dn. 20"
F.B. 1843-57
C&M. 28.47
Con't. Pg. 19
233.32
MARINA DEL REY BDRY.
0.10
0.01
CB 11 A
fd. 2" I.P. P&T.
in 12" I.P. Conc.
Plug-dn. 6"
F.B. 1843-57
86-41-35
N. 4,101,427.587
E. 4,150,125.637
Set L.B. Tag in E'ly. edge
of 2" I.P. - Per: office
Set 2" white I.P. marker 2' N'ly.
2) 173-23-00
4) 346-46-20
6) 160-09-30
= 86-41-35
T-68°
30.72 Lev. = 30.72
63.43 " = 63.43
30.72
179° 18' 00"
∡ Pt.
B-6
Set "X"
in Mon.
Per: Plan
C.B. 10 A
fd. Br. Cp. Gas Co.
Mon. with R.M.
flush
F.B. 1843-57
0.03
2-358 36 00
4-357 12 00
6-355 47 50
Av. 179 17 58
63.43
Con't. Pg. 21
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Office Work	Surveyed by English
Checked	Notes Ed. Date 12-58
Date	Indexed [redacted]

F. B. 2380 PG. 21

W.S. 23-83

Con't. Pg. 20

BDRY.
MARINA
DEL REY

63.43

T-68°
107275 Lev.=1072.75

88° 03' 20"

C.B-9A
fd. Br. Cp. Gas Co.
Mon. with P.M.
flush
F.B. 1843-57

0.03

B-7
Set 'X'
in Mon.
Per. Plan

3.20

3' Offset
1072.75

fd. 1X28 N.
flush
F.B. 1843-57

2-176 06 30
4-352 13 20
6-168 20 00
Av. 88 03 20

Con't. Pg. 18

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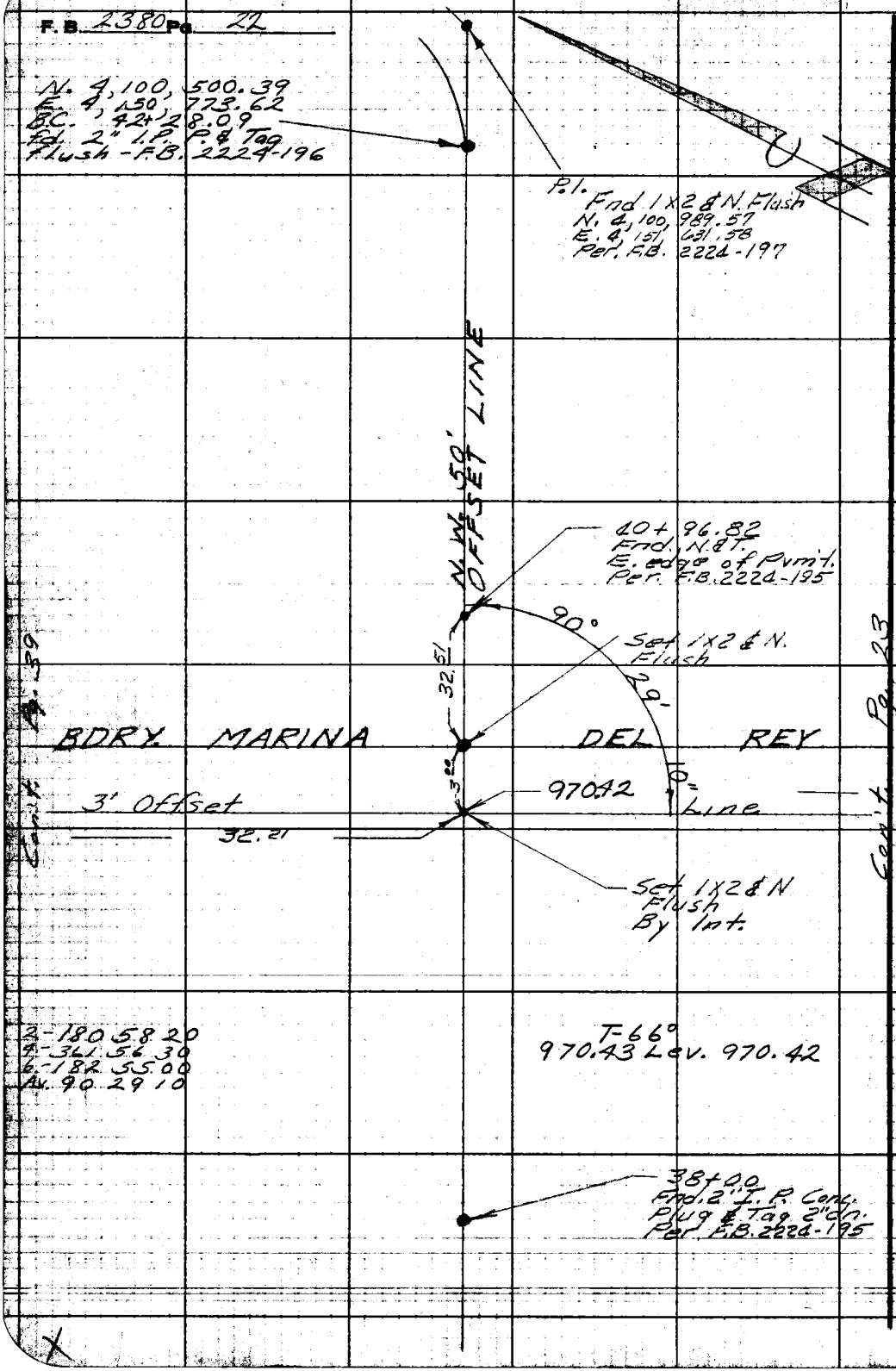
76F3088 CE #247—3-57

F.B. 2380 Pg. 22



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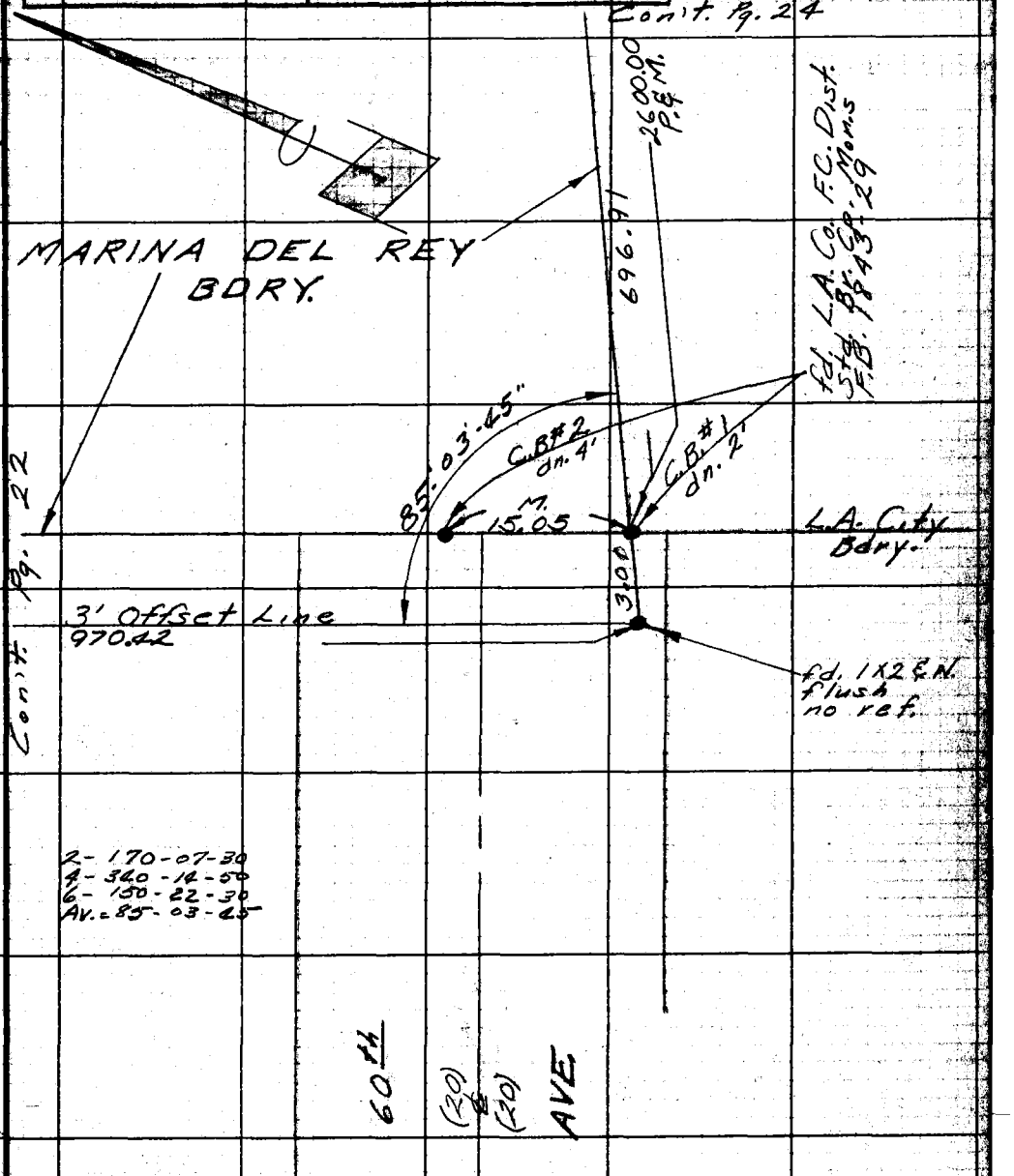
Date	Indexed [redacted] C. Johnson

F. B 2380 Pg 23

W.S. 23-B4



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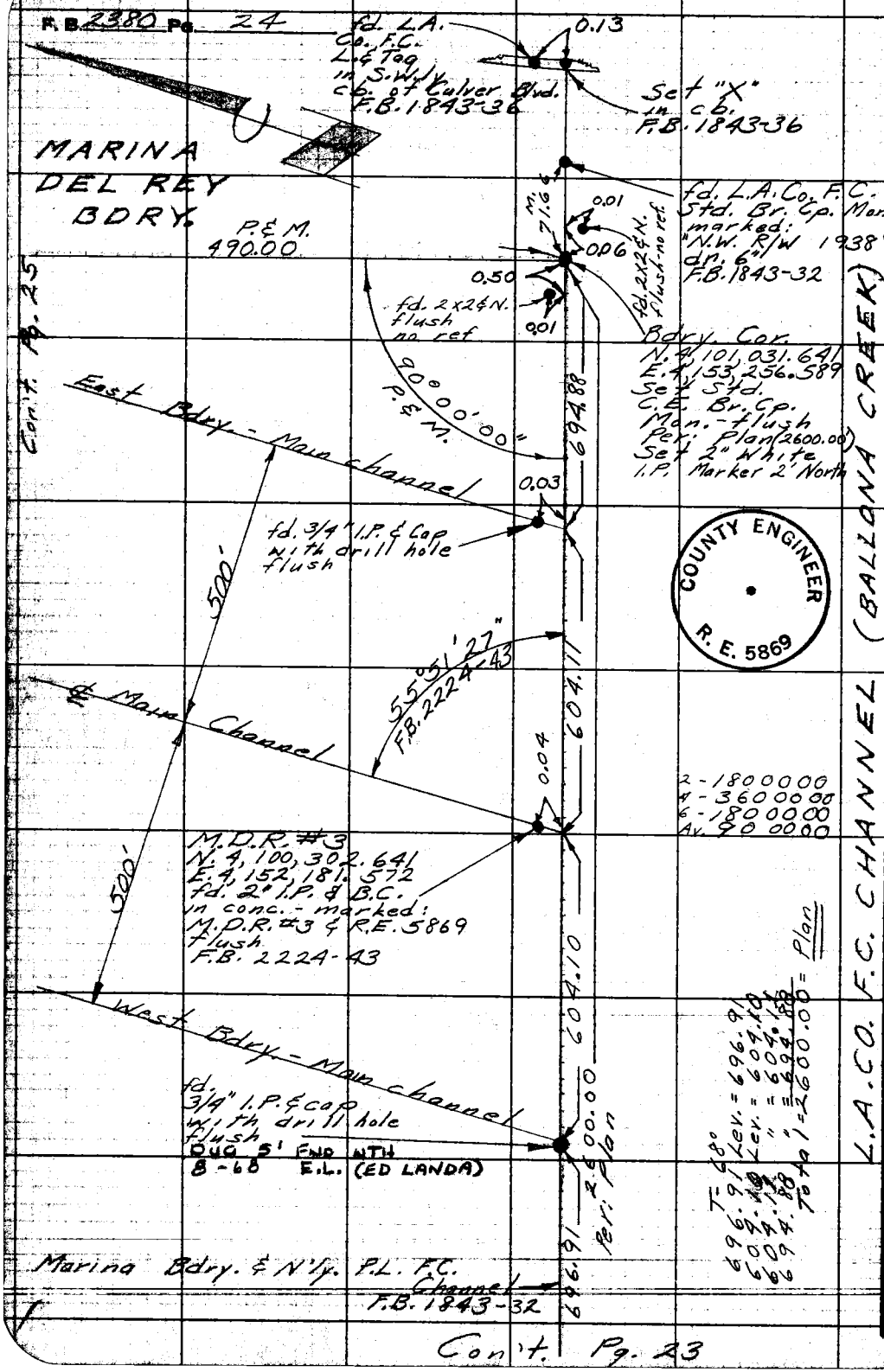

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V.S. 23-B3

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Checked	Notes Ed. Date 1-59
Date	Indexed [redacted] C. Johnson

F. B. 2380 Pg. 25

W.S. 23-B3

Con't Pg. 26

P.O.T.
Set 3/4" I.P.
P.& Tag
flush
5' E. of 6"
Yellow I.P.
Marker

T-68°
490.00 Lev. = 490.00
T = 70
89.22 @ 06°54'00
= 88.57
332.30 Lev. = 332.30
99.01 @ 06-28-00
= 98.38

519.25

P.O.T.
Set Bt. S.W.&T.
flush
Ctr. of Rd.

88.57
332.30
98.38
519.25

12'
Pre-mix
Rd.

MARINA
DEL REY
BDRY.

2-291-45-40
4-223-31-30
6-155-17-20
Av. 145-52-53

109.52

T = 70°
90.24 @ 02°17'00
= 90.17

19.35 Lev. = 19.35
90.17
109.52

COUNTY ENGINEER
R. E. 5869

145°52'55

0.21
0.08

fd. 2X2 & N.
flush
No ref.

X Pt.
N. 4,101,437.187
E. 4,152,981.575
Set Std. C.E.
Br. Cp. mon.
flush - Per. Plan
Set 2" White
I.P. marker
2' N'ly.

490.00
P.& M.

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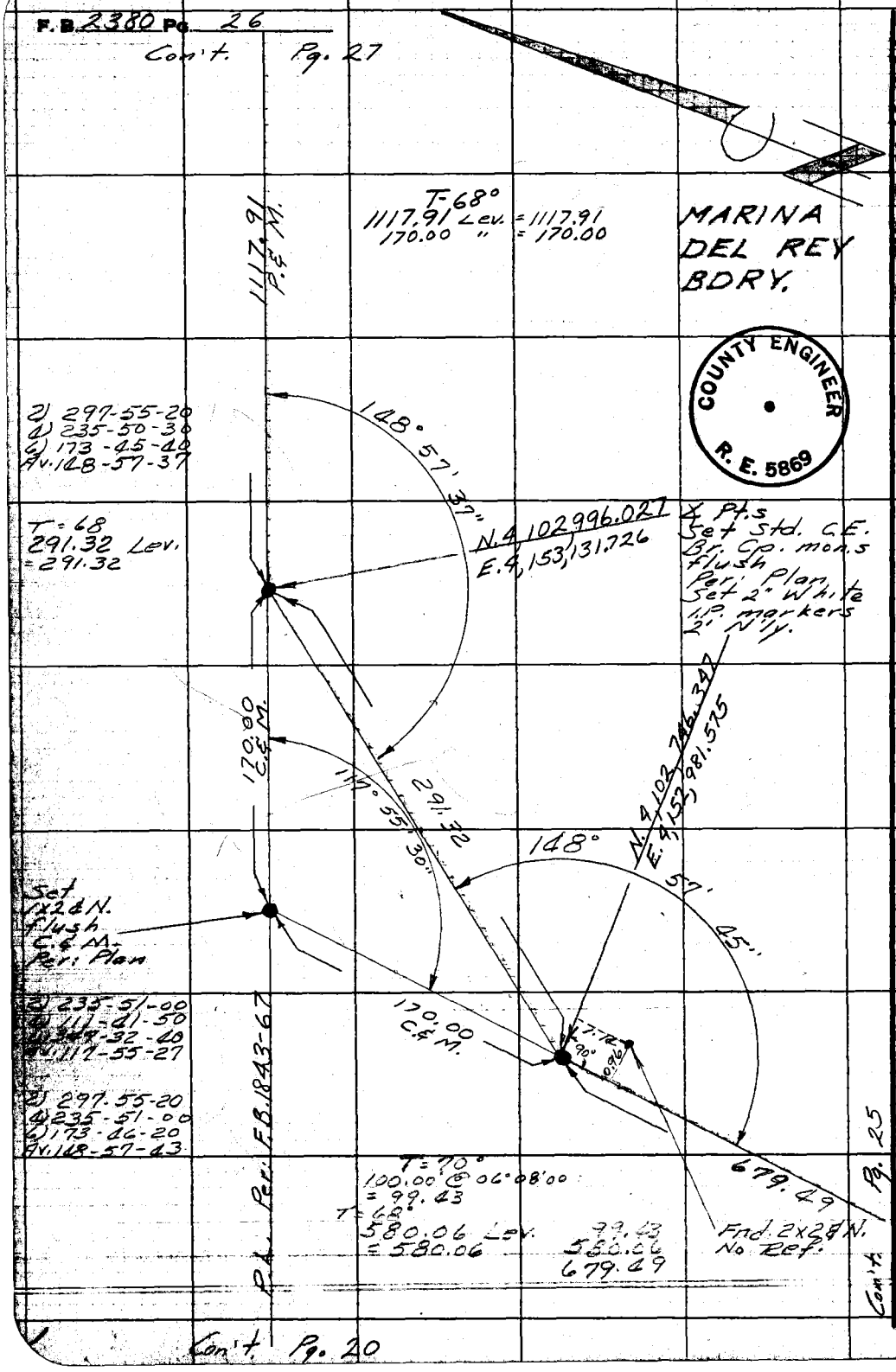
Con't Pg. 24

CE #247—3-57

F.B. 2380 Pg. 26

Con't. Pg. 27



Con't. Pg. 20

W.S. 23-B3

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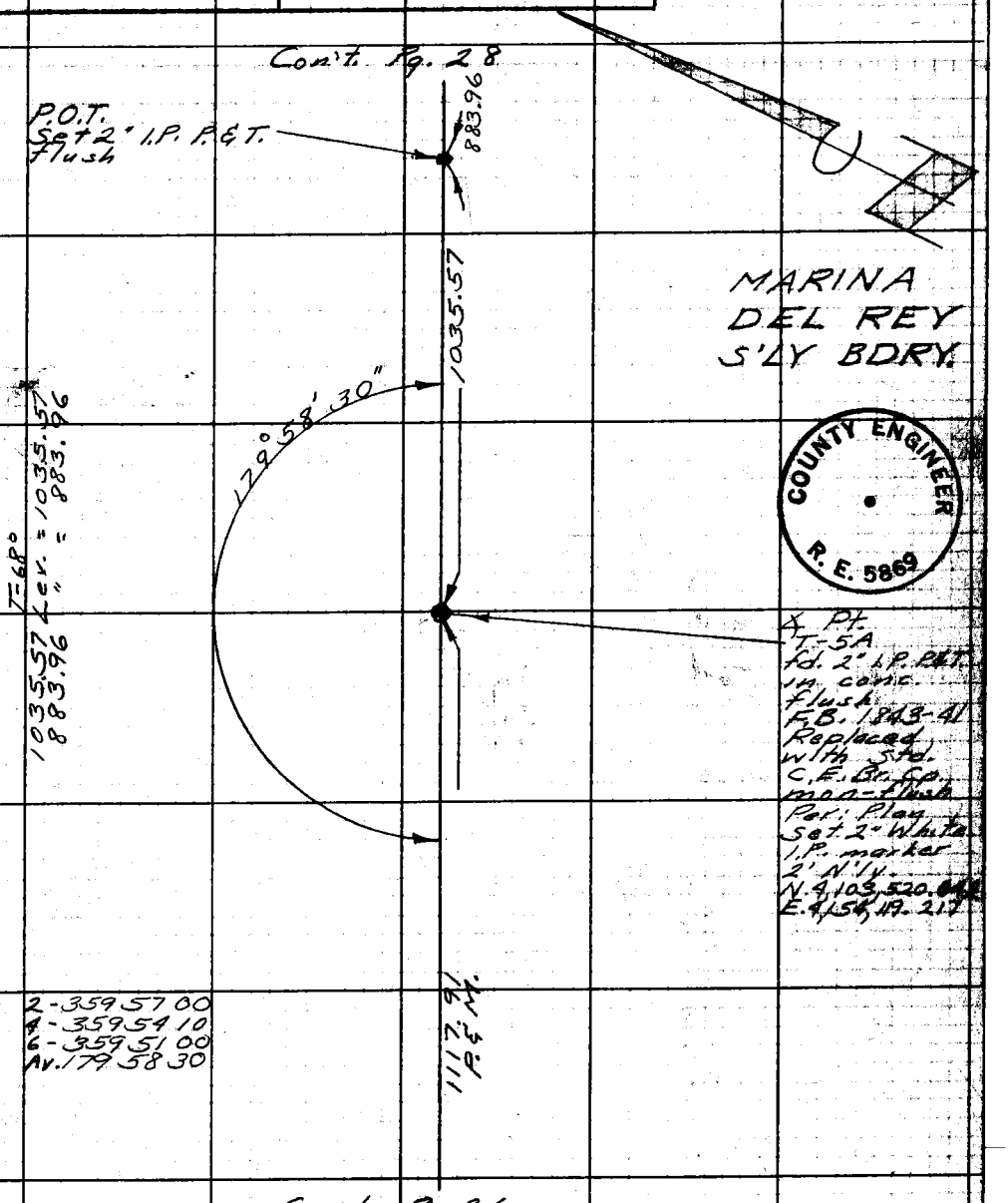
COUNTY ENGINEER
R. E. 5869

Notes Ck'd by	Survey of Marina Del Rey	F. B. 2380 Pg. 27
Map No.	JN 0021.16 Tape 0117 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 1-59	
Date	Indexed C. Johnson	

W.S. 23-83



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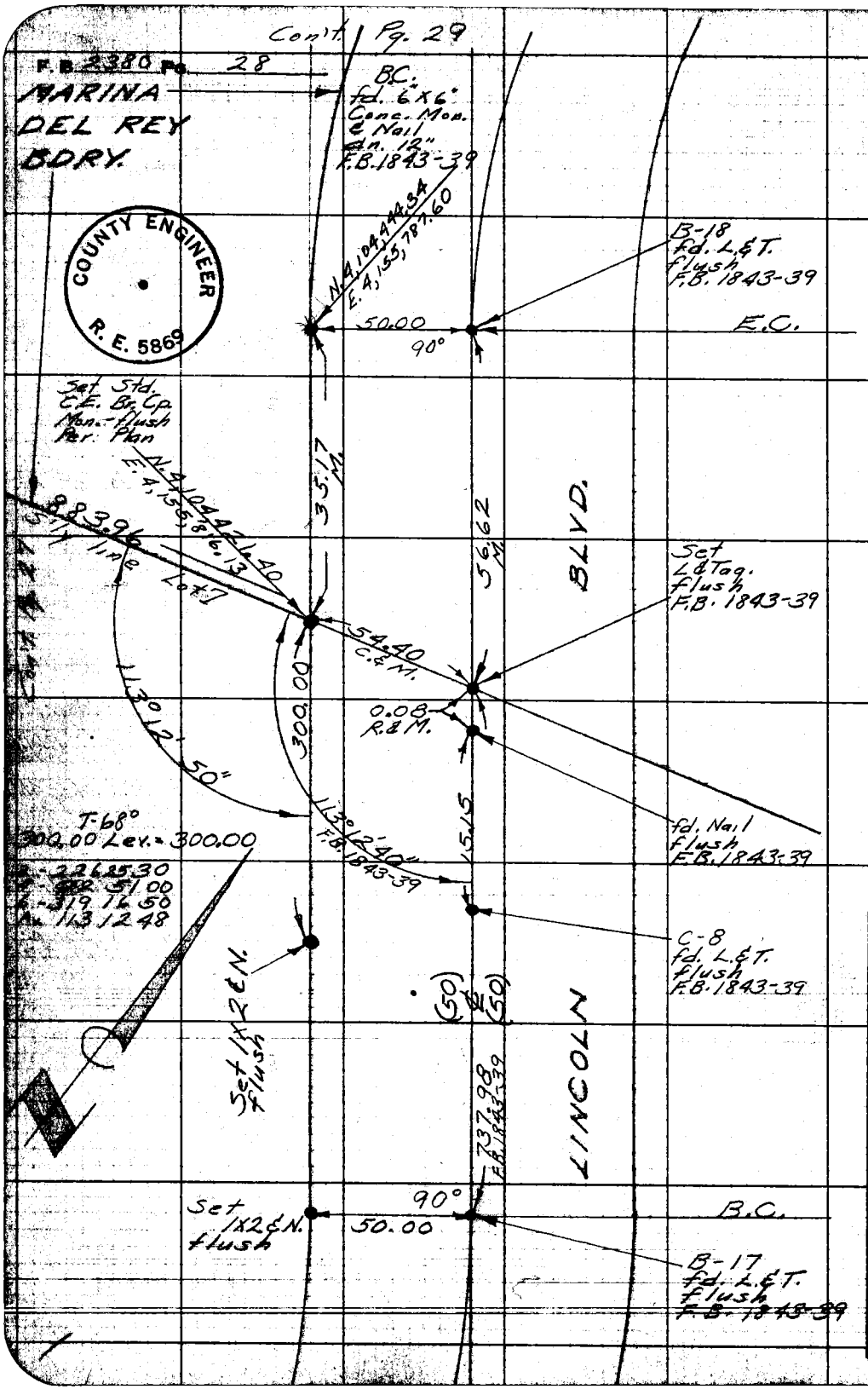

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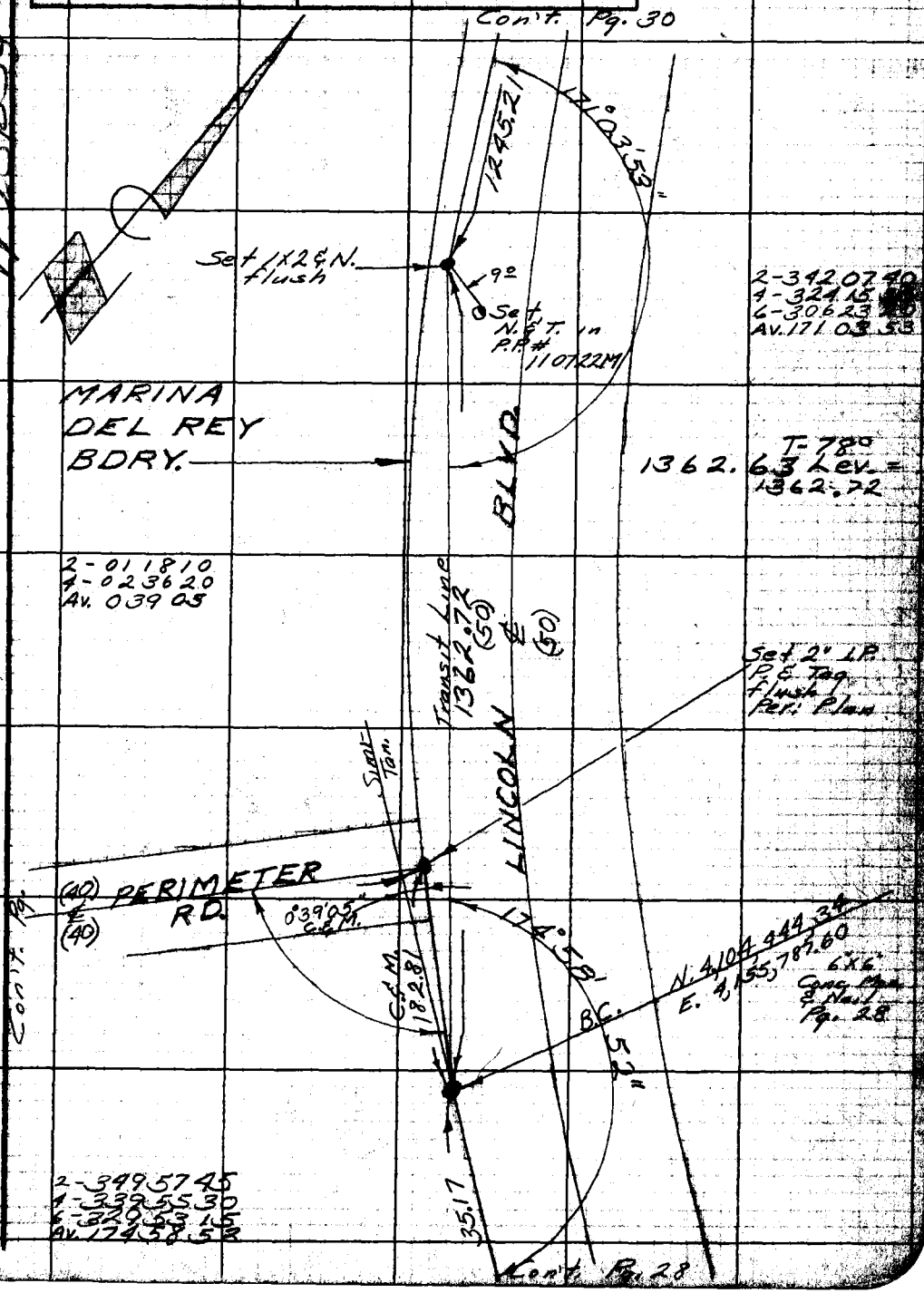
Map No.	JN 0021.16 Tape 0117 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 2-59
Date	Indexed C. J[illegible]

F.B. 2380 Pg. 29



W23-B3 & C3

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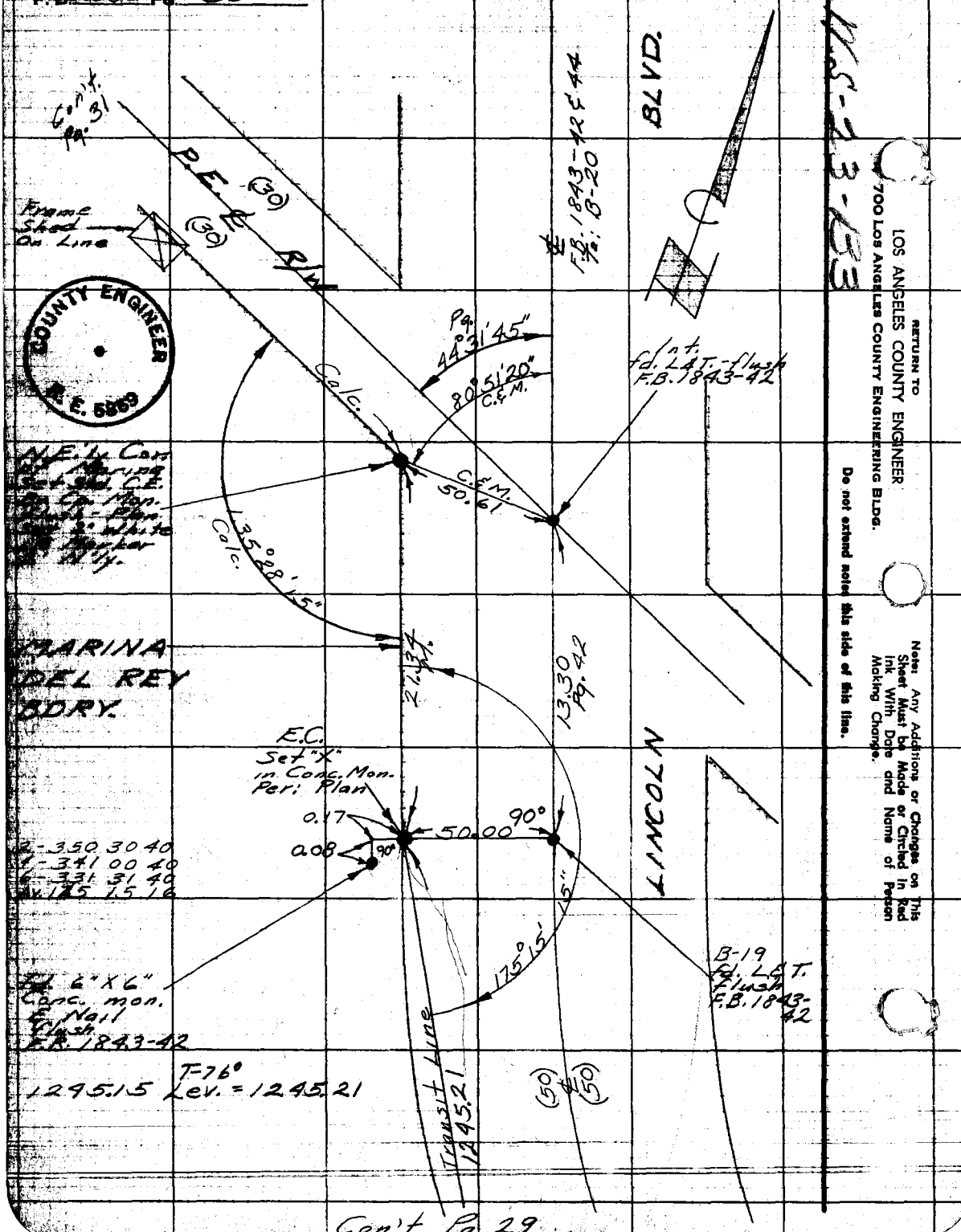
F.B. 2380 Pg. 30



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Con't. Pg. 29

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Map No.	JN 0021.16 Tap 0117 Std 68 °F
Office Work	Surveyed by English
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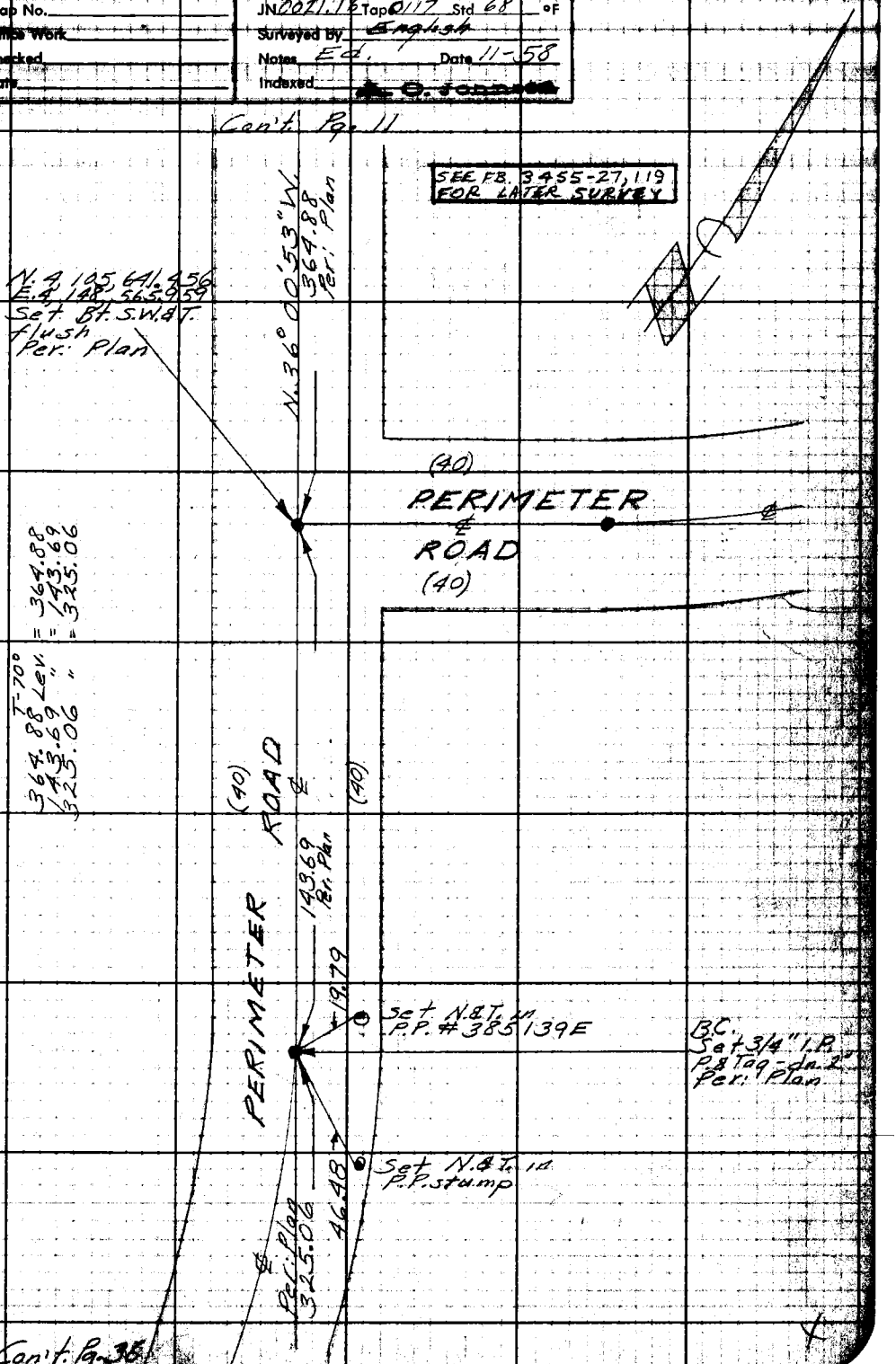
Date	Indexed [illegible]

F. B. 2380 Pg. 35

Con't. Pg. 11



Con't. Pg. 35

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE #247—3-57

F.B. 2380 Pg. 36

Con't. pg. 35

Curve Data:

Δ = 36° 00' 55"
R = 1000.00
T = 325.06
L = 628.58

2 - 633100
4 - 1270200
6 - 1903315
Av. 314532

2 - 287 58 10
4 - 215 56 10
6 - 143 54 30
143 59 05

363.92

N. 4,104,792.601
E. 4,148,841.578
P.I.
Set 3/4" I.P.
P. & Tag - dn. 3"
Peri. Plan
(in ctr. of Dirt Rd.)

Peri. Plan 325.06

71° 59' 33" C.&M.

C.&M. 51.50

Ctr. of Curve
Set 1x2 & N.
flush
C.&M.

143° 59' 05" Peri. Plan

50.38

Set N.&T. in P.P. # 385141 E

2 - 1732345
4 - 3464700
6 - 1601045
Av. 864147

SEE F.B. 3455-29, 25, 116, 117 FOR LATER SURVEY

325.06 Peri. Plan

550'±

2 - 1230515
4 - 2461030
6 - 0915 30
Av. 613235

P.I. - Prod.
Set Bt. S.&T.
flush

T = 70°
Lev. = 325.06
" = 52.64
" = 132.01

325.06
52.64
132.01

E.C.
Set 3/4" I.P.
P. & Tag
flush
Peri. Plan

Mole #3
℄ Prod.
Set 2" I.P. P.&T.
dn. 6" - C.&M.

T - 68°
2507.92 Lev. = 2507.92
821.97 Lev. = 821.97
191.22 " = 191.22

fd. L.&T.
no ref.

PERIMETER 52.64 ℄ ROAD (40)

(40)

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

43°48'00"

44°12'10"

132.01

Mole #3
℄ Prod.
Set L.&Tag
in Cb.

CANAL

MOLE # 3

86°41'47" (27)

2507.92 ℄ (27)

33rd PL.

71'

6' Wire Fn.

319.40 Calc.

821.97

31°45'32"

191.22

Set Nothing

Set 1x2 & N.
flush

GRAND CANAL

STRONG'S DR.

"Plant Test Area"
Set 3/4" I.P. P.&T.
dn. 12"

950.19

61°32'35"

2) 87-35-50
4) 175-12-00
= 43-48-00

2) 92-24-20
4) 184-48-40
= 46-12-10

Con't. F.B. 2224-202

Con't. Pg. 37

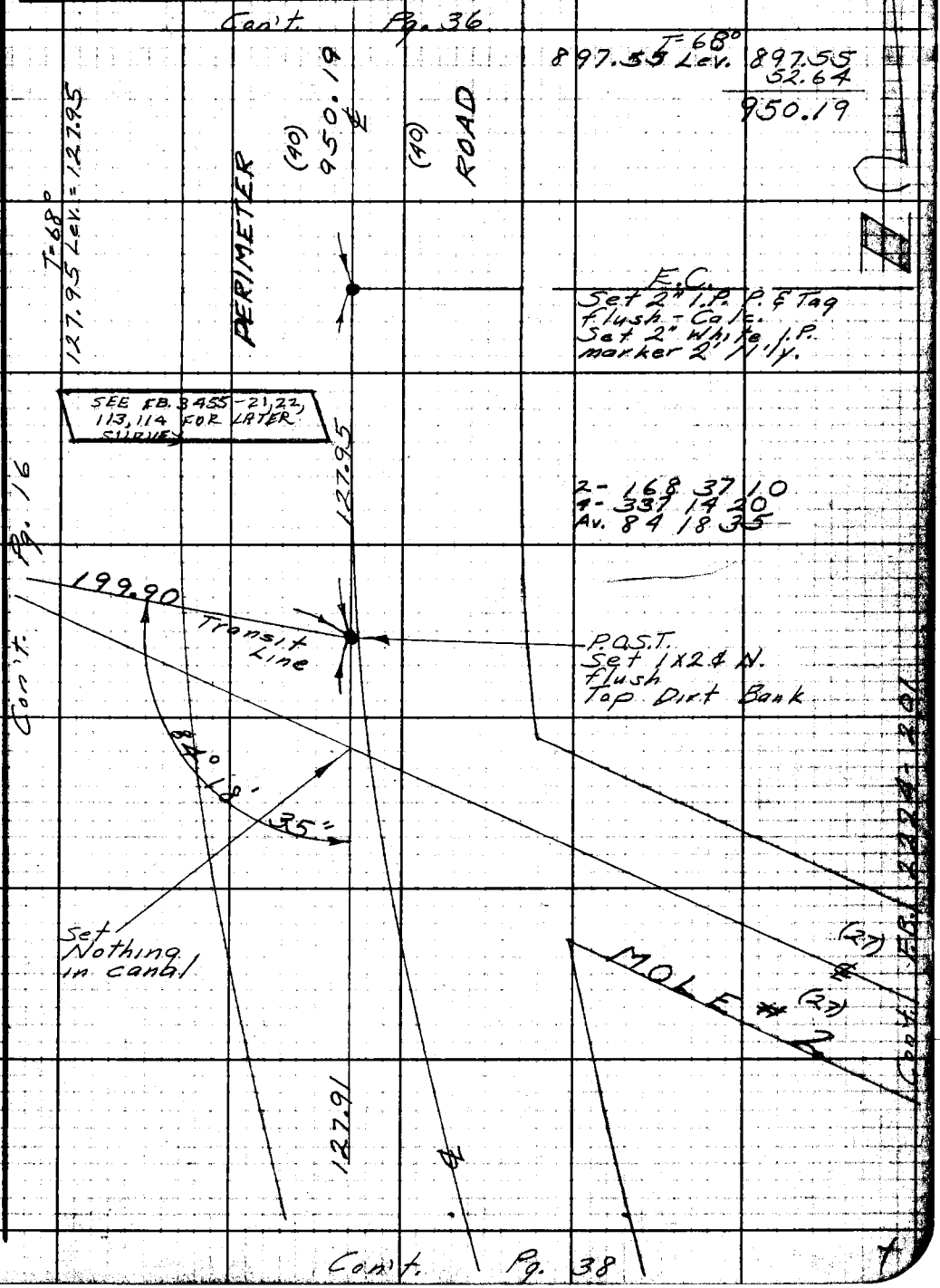
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 0021.16 Tape 117 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 12-58
Date	Indexed C. Johnson

F. B. 2380 PG. 37



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

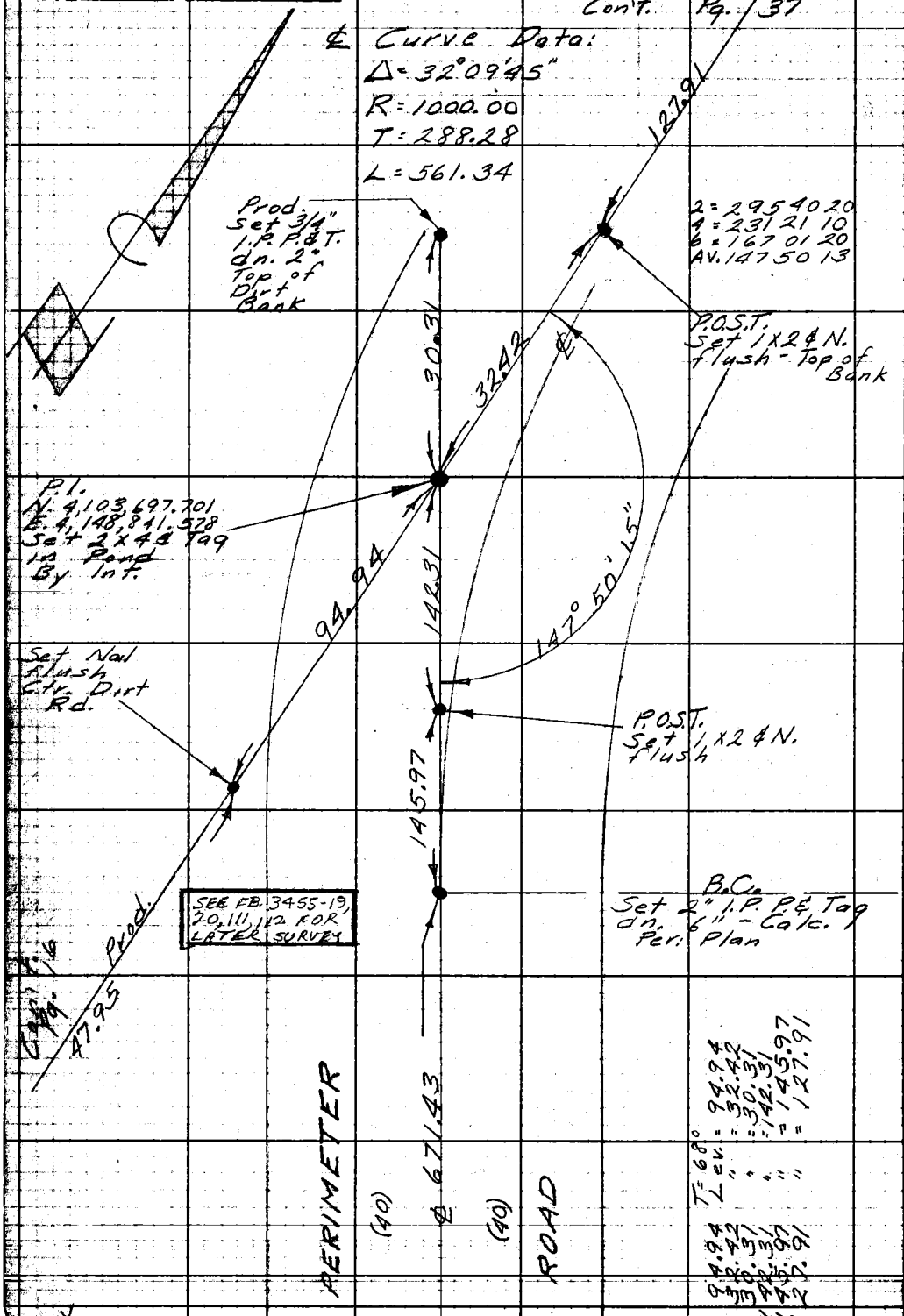
Do not extend notes this side of this line.

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

76F3095 CE #247—3-57

F.B. 2380 Pg. 38

Con't. Pg. 37



Con't. Pg. 45

RETURN TO
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900 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.74 Tape 117 Std 68 °F
Office Work	Surveyed by: [illegible]
Checked	Notes Ed. Date 12-58
Date	Indexed: [illegible]

F. B. 2380 PG. 39

R.P.P.Ls. Set 3/4" I.P. P.&T.s - dn 18"

Set 1X2 & N.s - flush

P.1.
N. 4,100,529.542
E. 4,150,756.051
Set P.M. in
10" I.P.
Per: Plan

Set N.&T.

Curve Data:
Δ = 88°52'16"
R = 165.90
T = 162.67
L = 257.47

2-177 44 00
4-355 28 20
6-173 12 20
Av. 88 52 03

162.67
Plan.

20.00

1.62

Set N.&T. in edge of wood Trough

2-177 44 10
4-355 28 20
6-173 12 30
Av. 88 52 05

Con't. Pg. 40

91° 07' 45" Plan

PERIMETER ROAD

20' Offset See: Pg. 40

B.C.
N. 4,100,447.402
E. 4,150,615.638
Set L.&Tag
in Conc. Block
Per: Plan

SEE F.B. 3455-71, 12, 103, 104 FOR LATER SURVEY

162.67 P.&M.

88° 52' 05" P.&M.

(40)

P.O.S.T.
Set Bt. S.W.&T. - flush
Near N'ly. edge of
Mac. Rd.

32.51

C.B. #5
fd. Bt. Spk. - Top of 6"x8"
Rdwd. post - Up 3" - F.B. 1843-62

0.03

MARINA DEL REY BDRY.

3.00

3.01

0.02

32.21
F.B. 1843-62

Con't. Pg. 41

3' Offset Line

1072.75

20.00 M.

ALGIERS AVE.

88°52'05"

Set 1" I.P. P.&Tag
dn. 18"
Set 1X2 & N.
flush
Per: Plan

C.B. 5-A
fd. 1" I.P.P.&T.
dn. 18"
F.B. 1843-62

Con't. Pg. 42

C.B. 5-B
fd. C.S. Br. Cp. Mon.
flush - F.B. 1843-62
(Hold for line)

fd. 1" I.P. P.&T.
dn. 18"
F.B. 1843-62

0.03

MARITA PL.

Set 1X2

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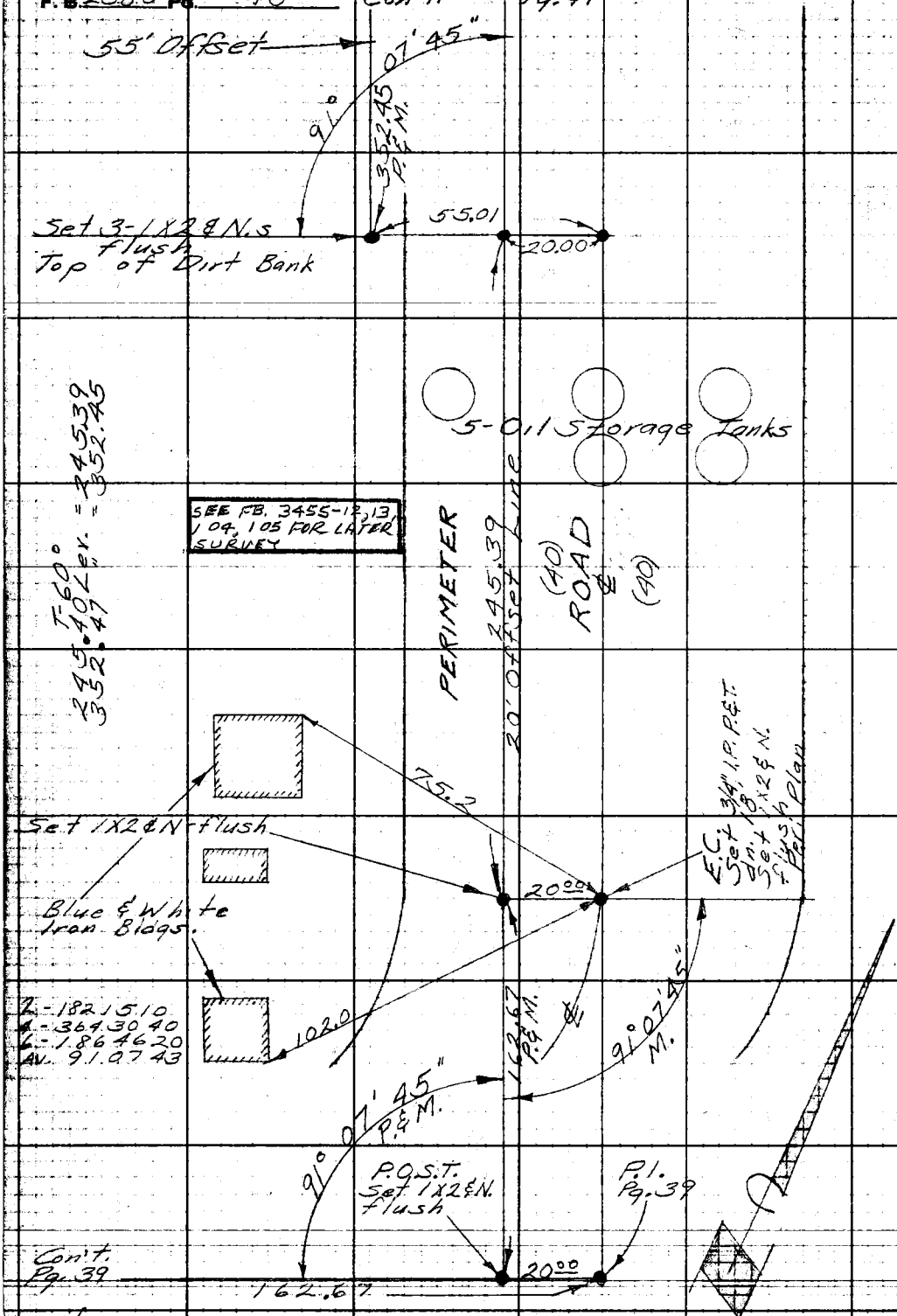
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

TOPAGOS-CE #247—3-57

F.B. 2380 Pg. 40 Con't. Pg. 41



RETURN TO
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900 LOS ANGELES COUNTY ENGINEERING BLDG.

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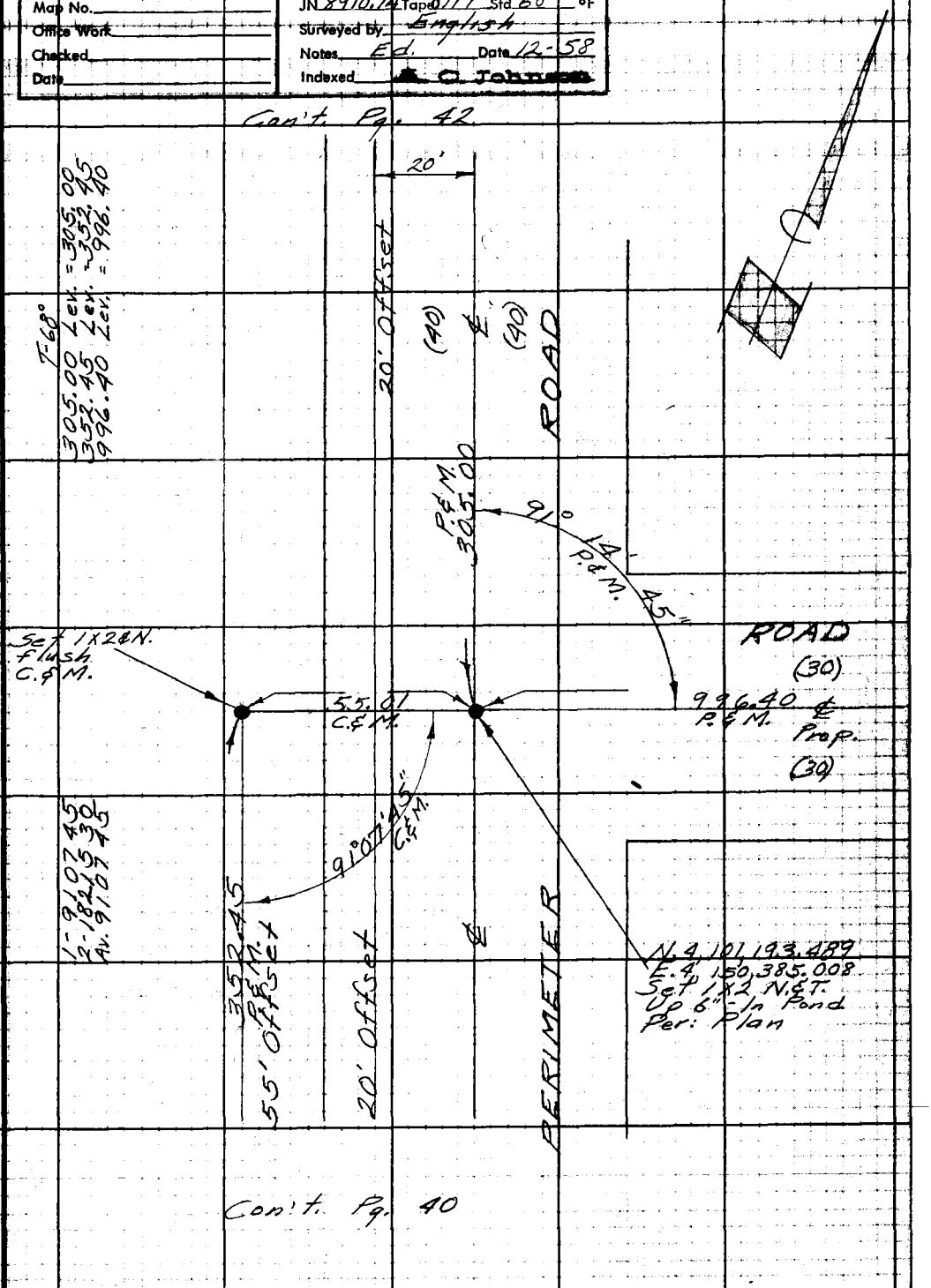
Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.74 Tape 0117 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 12-58
Date	Indexed A. C. Johnson

F. B. 2380 PG. 41

Con't. Pg. 42



Con't. Pg. 40

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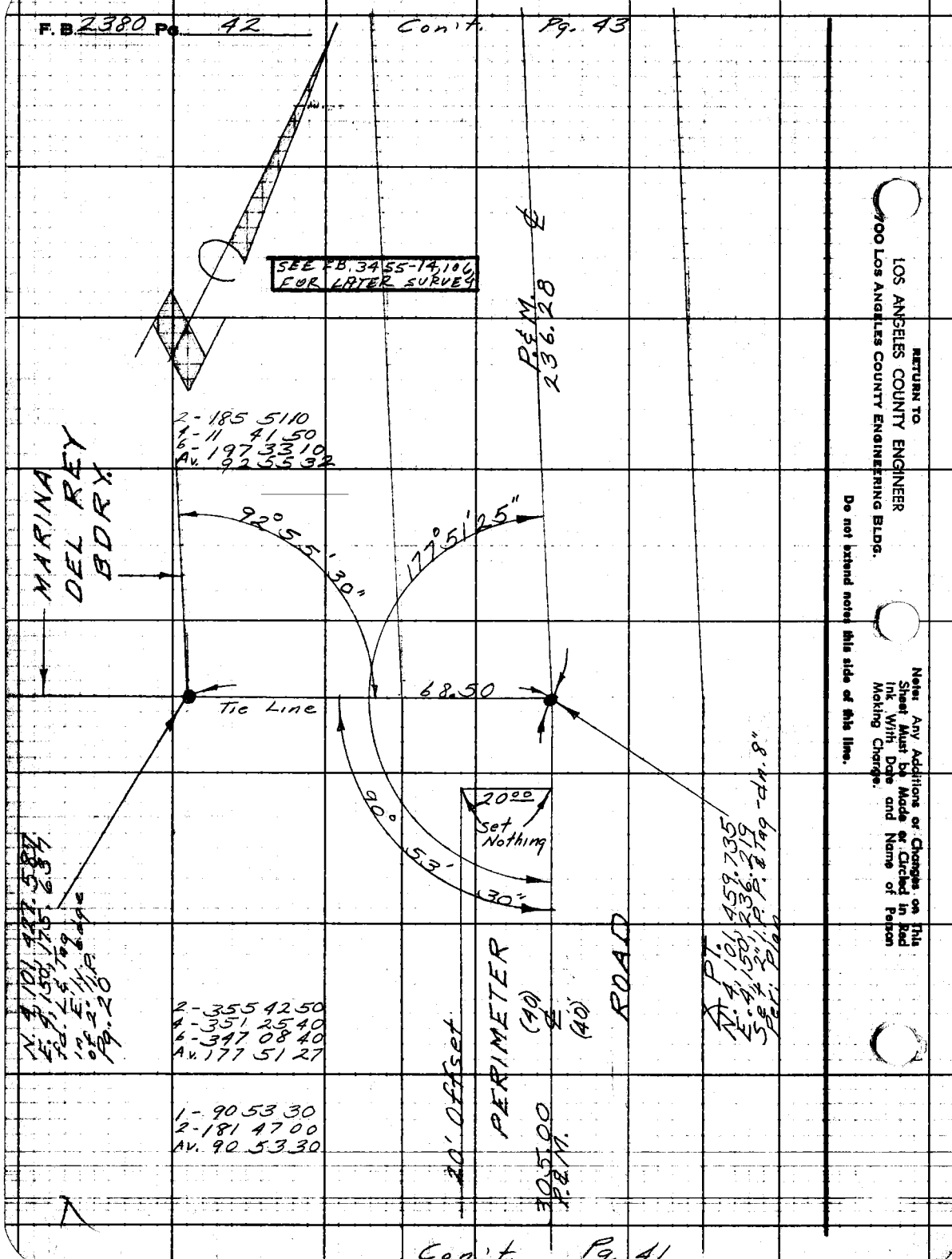
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247—3-57

F. B. 2380 Pg. 42

Con't. Pg. 43



Con't. Pg. 41

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LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

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Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 89107A Tape 117 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 12-58
Date	Indexed [redacted]

F. B. 2380 PG. 43

Con't. Pg. 44

T-680
1009.65 Lev. = 1009.65
236.28 Lev. = 236.28

P.E.M.
1009.65

ROAD

2-359.10 00
4-358 20 00
6-357 30 10
Av. 179 35 08

179° 35' 00"
P.E.M.

X PT.
Set 2" I.P. P.E. Tag
dn. 18"
Set 1 X 2 E.N.
Flush
Per: Plan

SEE F.B. 3455-15, 107
FOR LATER SURVEY

(40) ℄ (40)

PERIMETER

P.E.M.
236.28

Con't. Pg. 42

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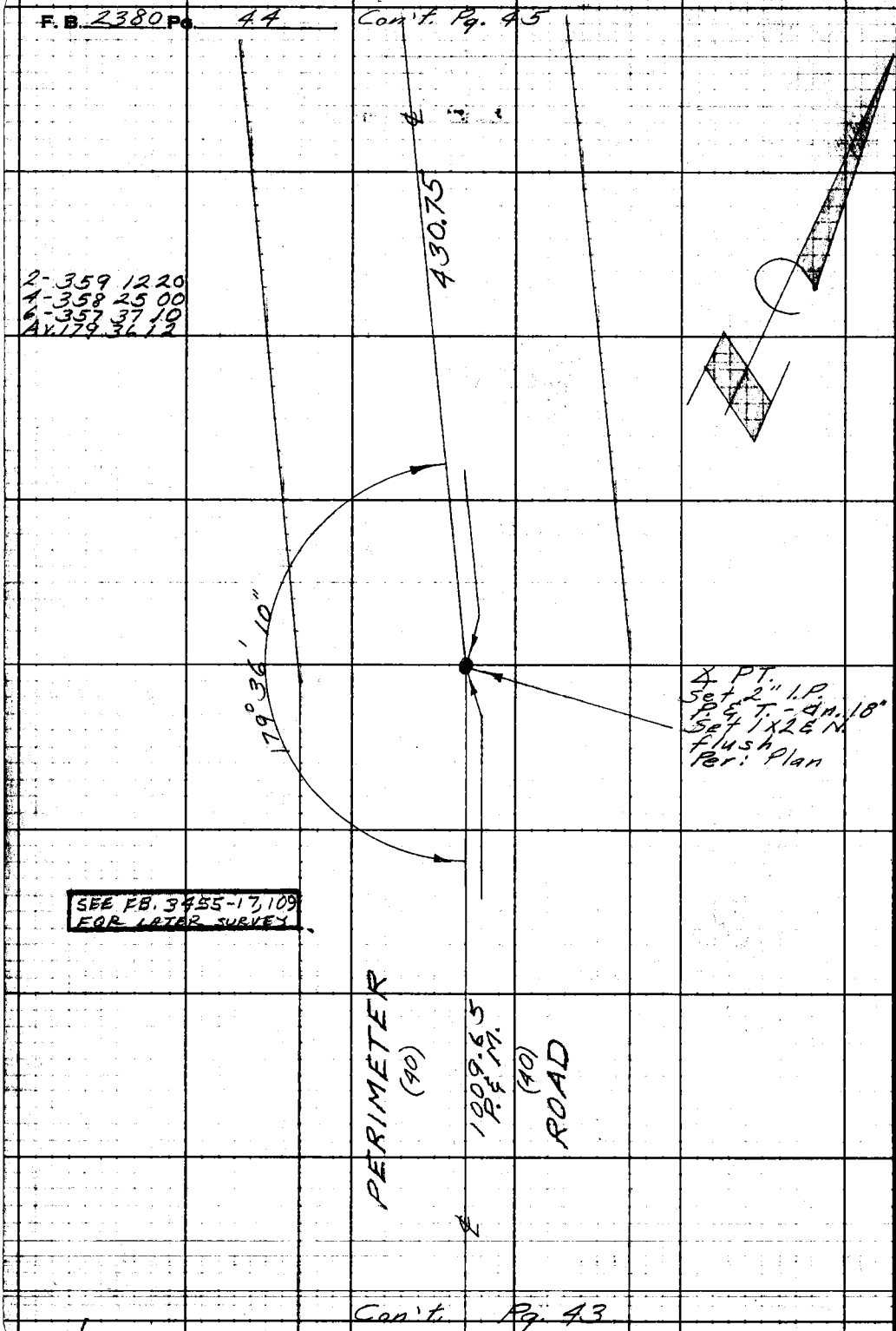
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247 3-57

F. B. 2380 Pg. 44 Con't. Pg. 45



Con't. Pg. 43

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

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

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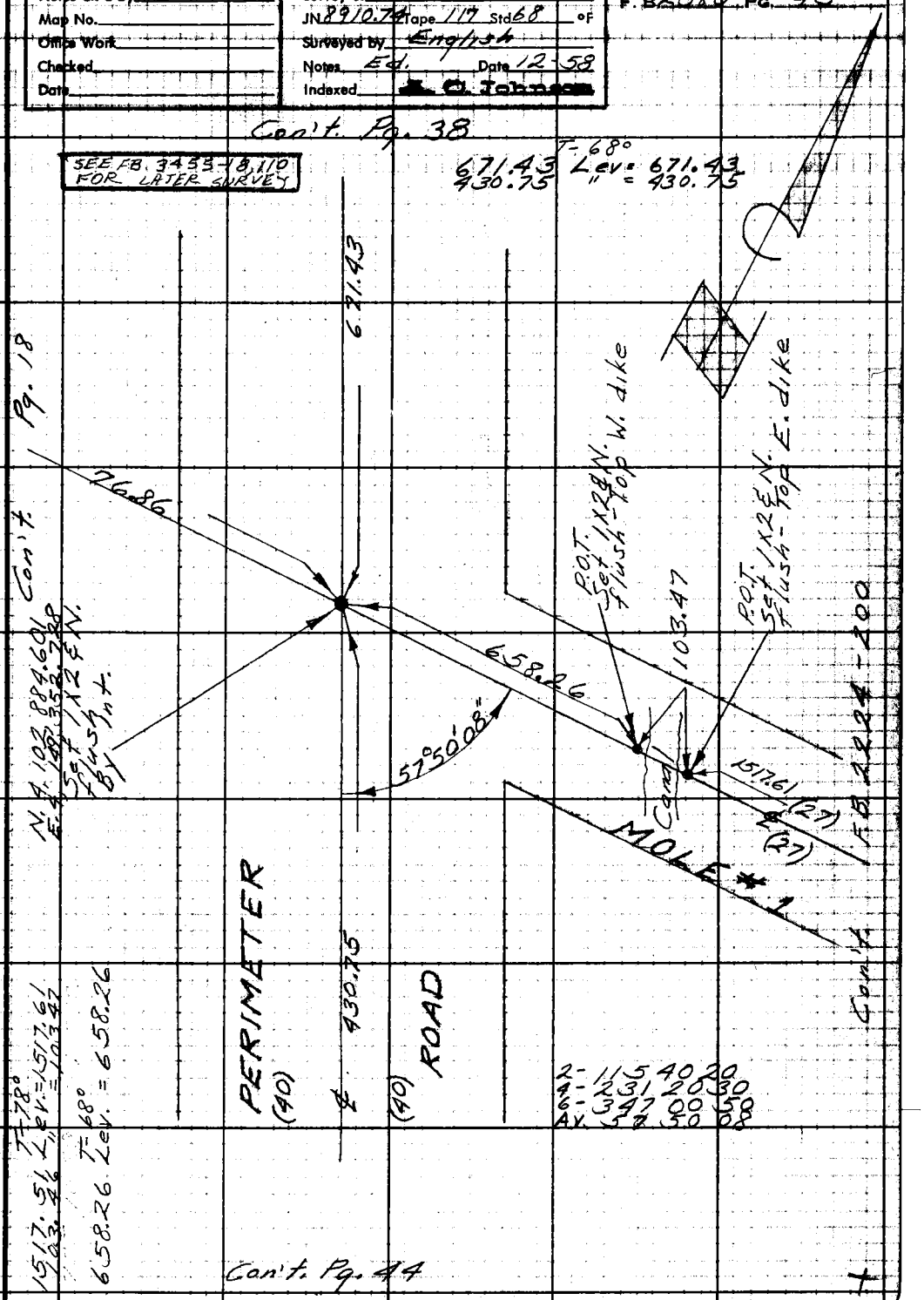
Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.74 Tape 117 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 12-58
Date	Indexed [illegible] Johnson

F. B. 2380 PG. 45



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

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3D9S CE #247—3-57

Notes Ck'd by	Survey of Marina Del Rey
Map No. 104-21	IN 2 Tape 0161 Std 68 °F
Office Work T.H.B	Surveyed by English 23-26
Checked T.M.A	Notes Landa Date Oct 59
Date Oct 22, 59	Indexed A. C. Jackson 10-27-59

F. B 2380 PG. 27

MARINA DEL REY

U.N. ? 0882.28

LOCATION OF FILL
DIRT ALONG N'ly SIDE
OF BALLONA CREEK

PARTY:
English
Landa
Fouiger
Wallace
Dupuis

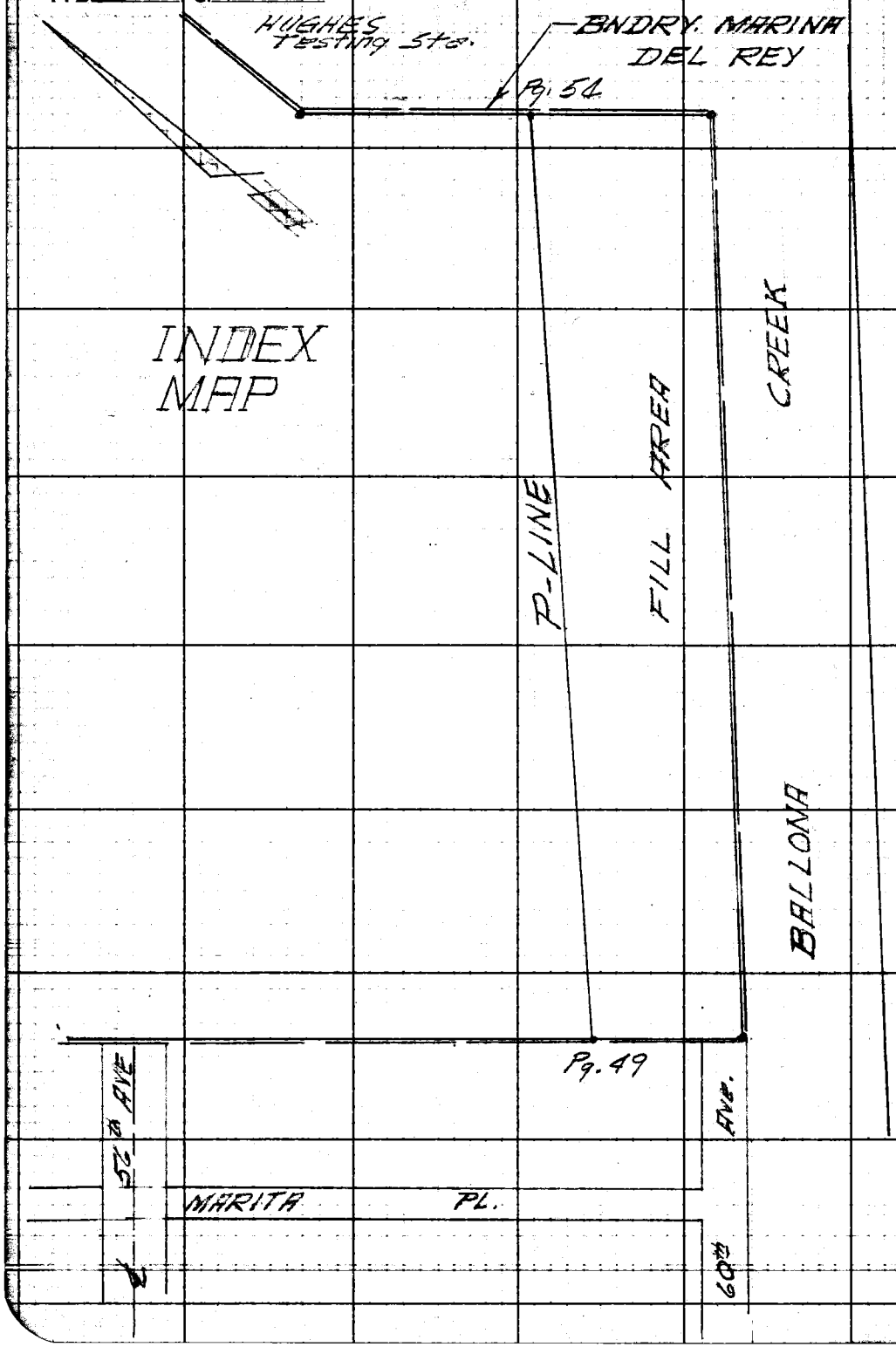
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Data and Name of Person Making Change.

Do not extend notes this side of this line.

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

765093 CE #247—7-55

F. B 2380 PG. 48



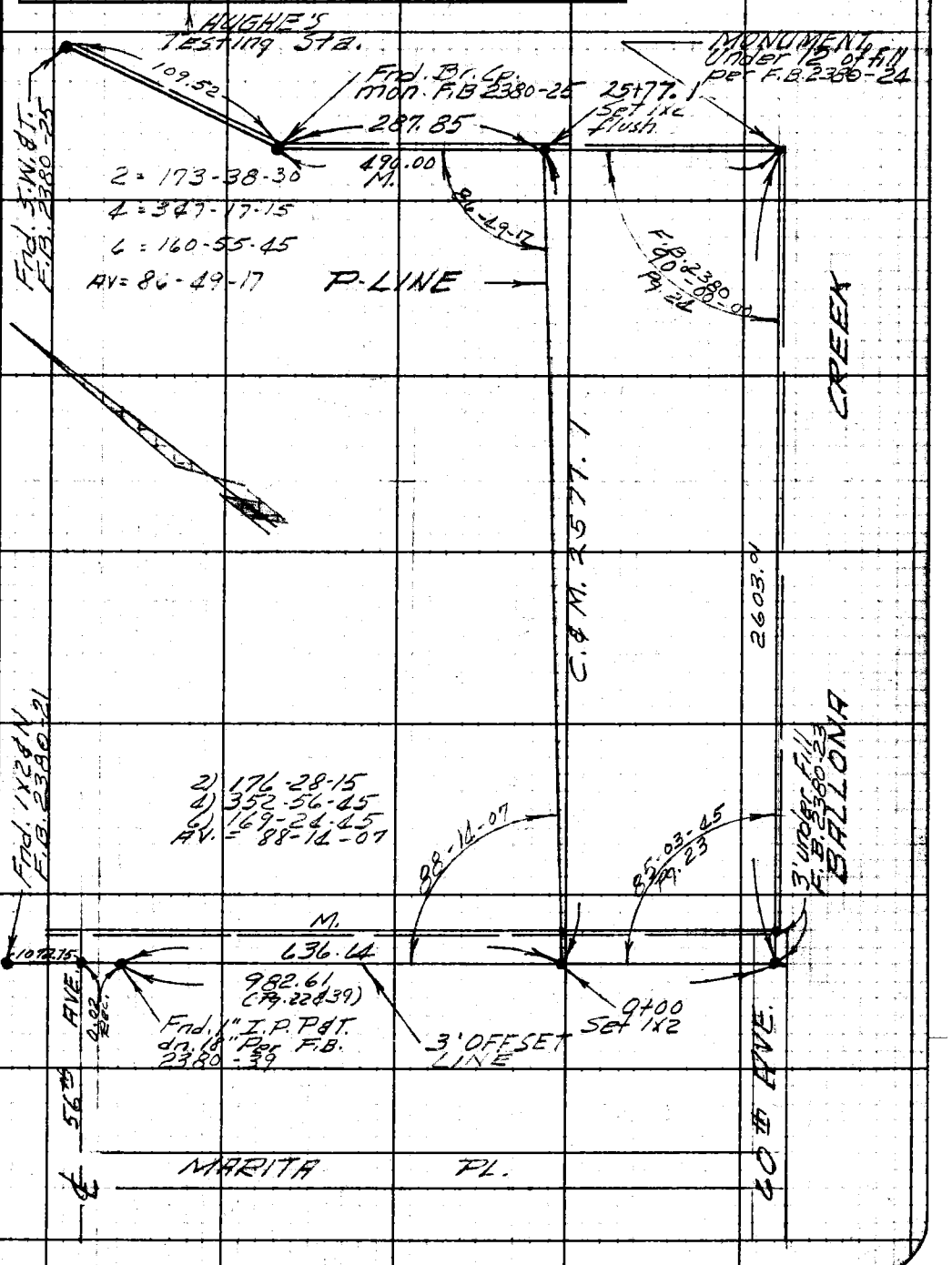
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Marine Del Rey
Map No. 104-21	IN ? Tape 0161 Std 68 °F
Office Work I.H.B	Surveyed by English
Checked T.M.J.	Notes Lands Date Oct-59 83-26
Date Oct 29, 59	Indexed A. C. Johnson

F. B. 2380 Pg. 49



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

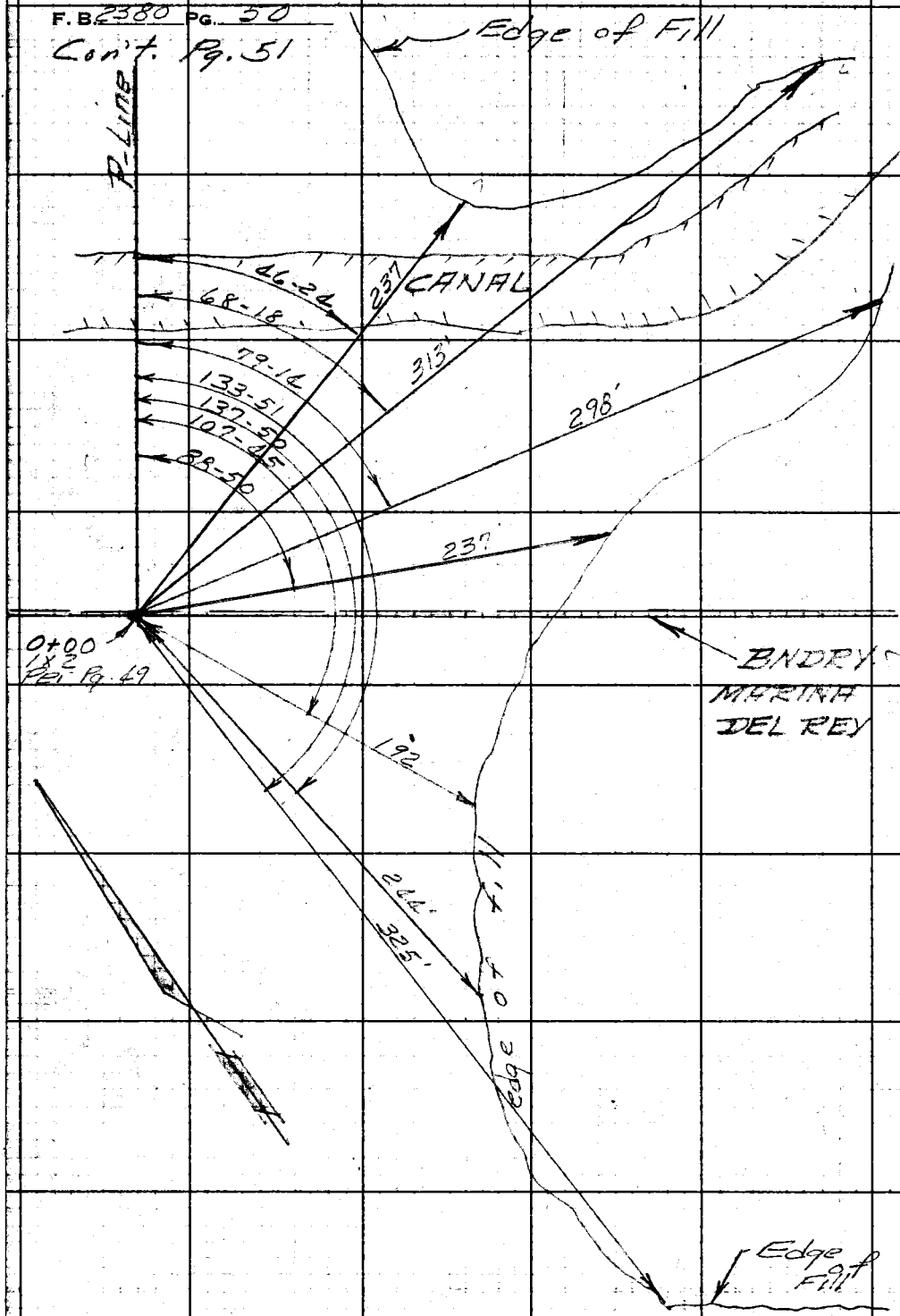
Do not extend notes this side of this line.

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

763098 CE #247—7-53

F. B. 2380 PG. 50

Con't. Pg. 51

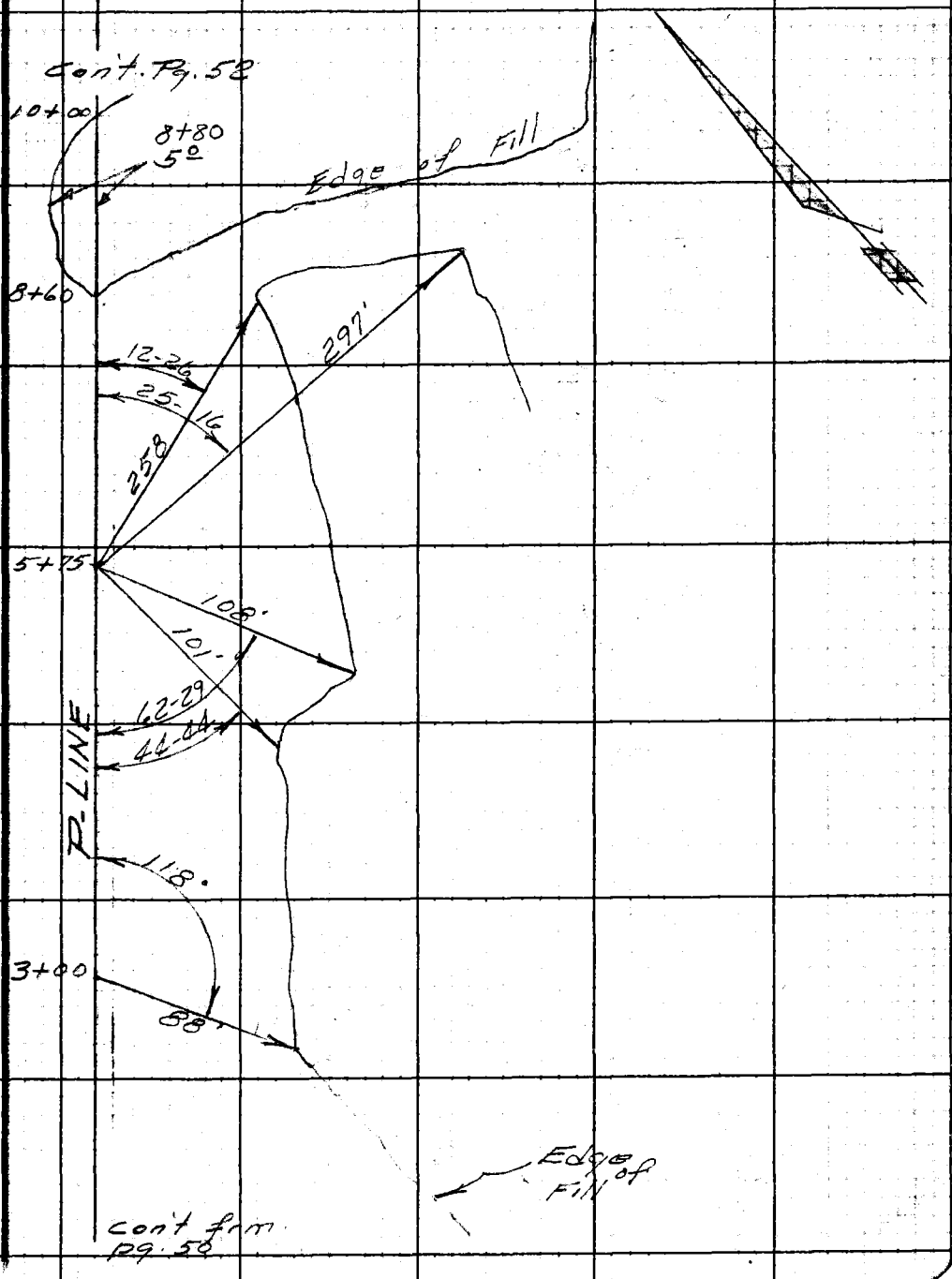


RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by		Survey of Marina Del Rey	F. B. 2380 Pg. 51
Map No. 104-21		JN	Tape 0141 Std. 68 °F
Office Work T.H.B		Surveyed by E. English	
Checked T.M.L		Notes Landa	Date Oct. 59 23-26
Date Oct 29, 59		Indexed	A. C. Johnson



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

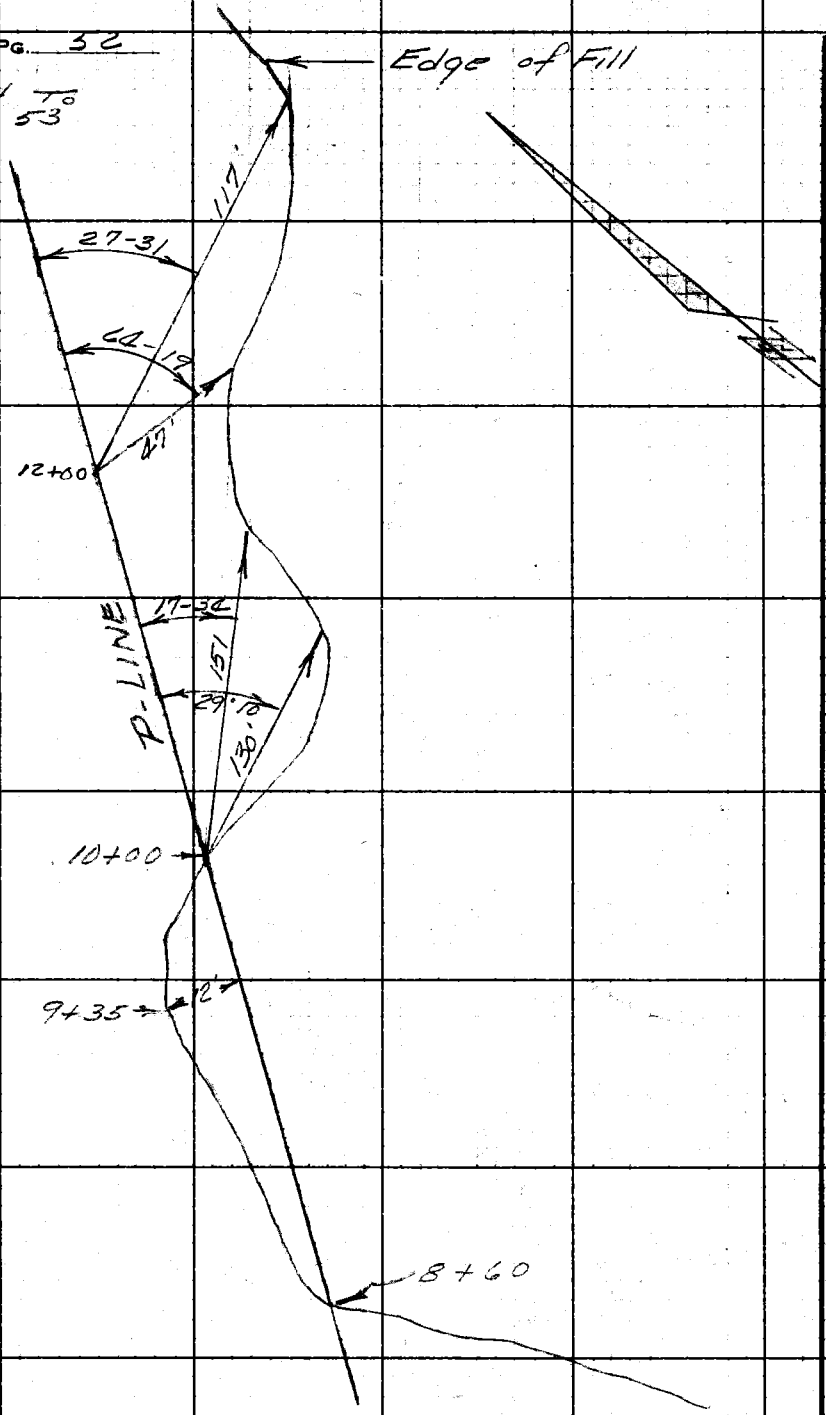
Do not extend notes this side of this line.

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

763098 CE #247—7-53

F. B 2380 PG. 52

Con't To Pg. 53



Con't. frm. Pg. 51

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

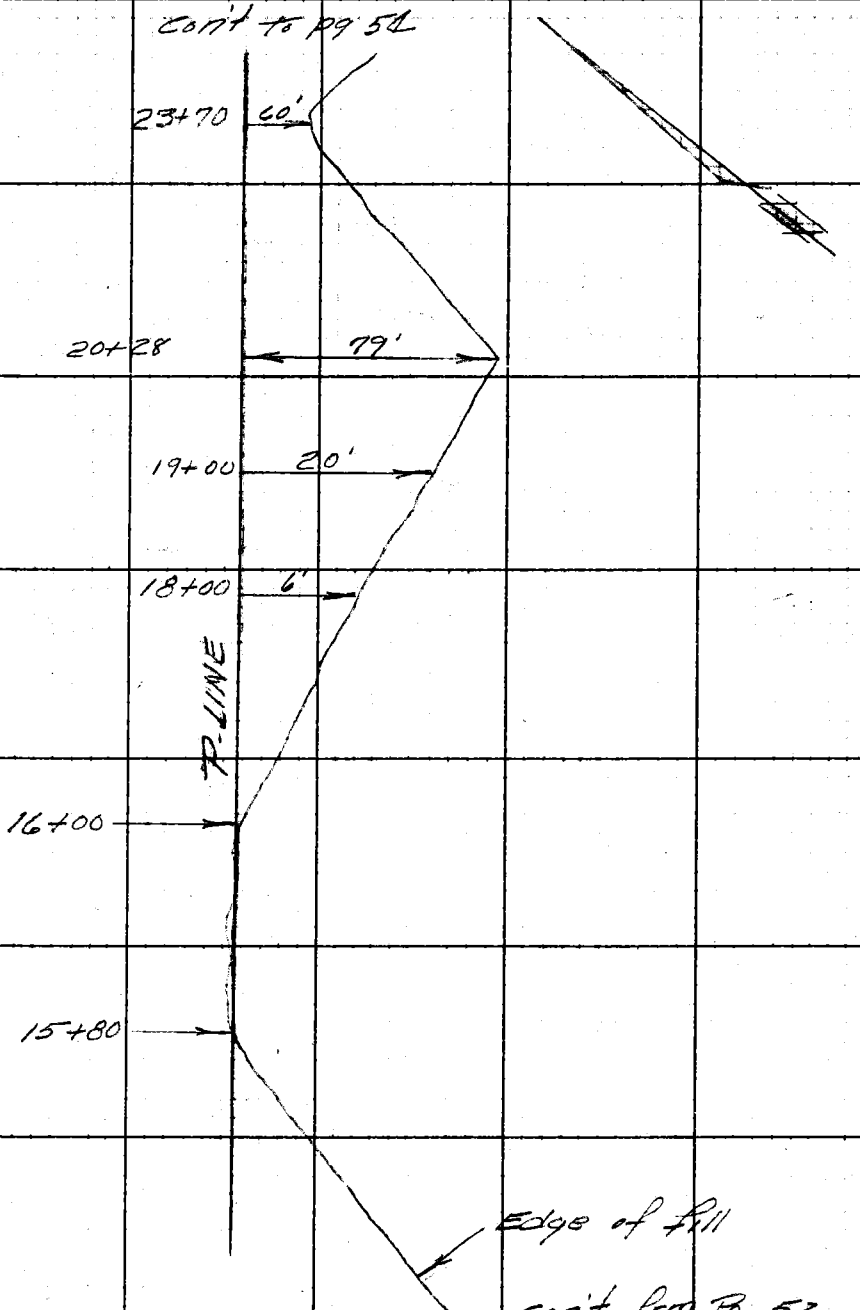
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Marina Del Rey
Map No. 104-71	JN Tape 016 Std. 66 °F
Office Work T.H.B.	Surveyed by F. English
Checked T.M.L.	Notes E. Landa Date Oct-59
Date Oct 29, 59	Indexed C. Johnson

F. B. 2380 Pg. 53

Con't to pg 52



con't from Pg. 52

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

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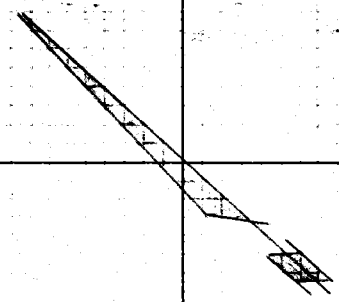
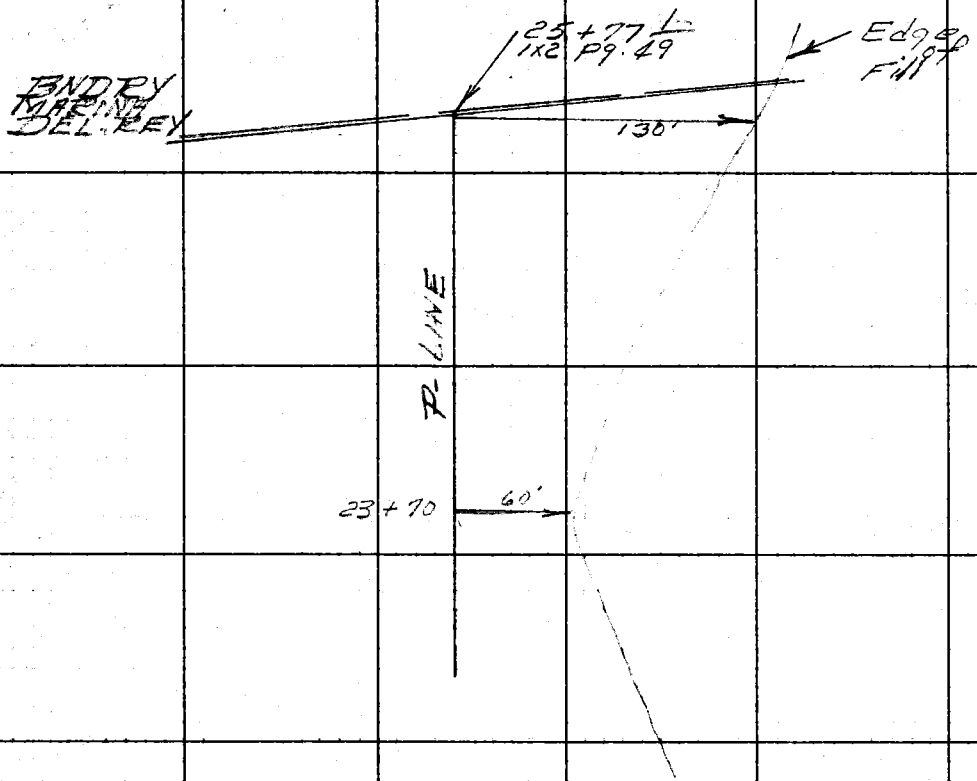
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-55

F. B. 2380 PG. 34





Cont. from pg. 33

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L298 S & E #307 9-54

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	P-Line	
Elevations: Top of fill, N'ly. side of Ballona Creek. Sec: Pg. 47						
B.M. Rey #3	4 85	17 45 ✓		12 60 ✓	B.M. Rey #3, el=12.600, F.B. 1843-98	
T.P.	3 41	18 24 ✓	2 62	14 83 ✓		
T.P.	6 45	18 65 ✓	6 04	12 20 ✓		
0+00	7 58	22 44 ✓	3 79	14 86 ✓	1 x 2, Pg. 49, P-line	
			6 5	15 9 ✓		210 R. B.F.
			0 8	21 6 ✓		237 R. T.F.
			2 1	20 3 ✓		299 R. T.F.
			7 6	14 8 ✓		317 R. B.F.
			8 5	13 9 ✓		365 R. B.F.
			5 5	16 9 ✓		375 R. T.F.
3+00			12 6	9 8 ✓		80 R. B.F.
			6 4	16 0 ✓		96 R. T.F.
			6 8	15 6 ✓		161 R. T.F.
			12 0	10 4 ✓		178 R. B.F.
			11 6	10 8 ✓		204 R. B.F.
			6 7	15 7 ✓		209 R. T.F.
			7 4	15 0 ✓		243 R Brk.
			9 1	13 3 ✓		277 R. "
			1 0	21 4 ✓		312 R. T.F.

Profile Notes Red. Plotted Job No. ? Division No. 10 F.B. 2380 Pg. 55
No. Date Date Survey of M.D.R.
X-Sec. Notes Chkd. Miller Checked Survey by English Notes Ed. Date 10-23-59
No. Date Oct. 1959 Date Map No. Index [illegible] C. Johnson

76L298 S & E #307 9-54

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

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

Do not extend notes this side of this line.

F. B. 2380 Pg. 56 ? Job No. Division No. 10 Notes Red. Plotted Profile No.
Survey of N.D.R. Date Date X-Sec.
Survey by English Notes Ed. Notes Chkd. Checked
Indexed K. C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		F-Line
		22 44				
T.P.	8 73	20 21	11 21	11 23	1X2	
5+75			8 3	11 9		90' R. B.F.
			3 8	16 4		99' R. T.F.
			3 7	16 5		163 R. Brk.
			8 3	11 6		177 R. "
			9 2	11 0		256 R. "
			5 6	14 3		260 R "
			8 4	19 8		300 R "
T.P.	8 52	20 45	8 28	11 93		1X2
10+00			9 1	11 3		2 R. B.F.
			5 0	15 4		16 R. T.F.
			5 4	15 0		146 R. Brk
			9 2	11 2		158 R. "
			9 1	11 3		225 R. "
			9 7	19 7		255 R. T.F.
T.P.	9 75	20 12	10 08	10 37		
16+00			9 6	10 5		1 R. B.F.
			4 9	15 2		8 R. T.F.
			5 1	15 0		75 R. Brk
			9 7	10 4		109 R. "

76L298 S & E #307 9-54

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	P-line	
16+00		20 12	9 1	11 0		167' R. Brk.
			4 5	15 6		179 R. "
			0 6	19 5		234 R. T.F.
	9 25	19 62	9 75	10 37		
20+00			8 7	10 9		53' R. B.F.
			4 8	14 8		63' R T.F.
			8 8	10 8		78 R. Brk.
			8 0	11 6		156' R. Brk.
			0 5	19 1		236' R T.F.
T.P.	6 20	16 84	8 98	10 64		
23+70			5 5	11 3		60' R. B.F.
			2 0	14 8		65' R. T.F.
			11 44	5 40	B.M. B-40, el.= 5.42, F.B. 2380-?	

Profile Notes Red. ____ Plotted ____ Job No. ? Division No. 10 F. B. 2380 Pg. 57
No. ____ Date ____ Date ____ Survey of M.D.R.
X-Sec. Notes Chkd. Miller Checked ____ Survey by English Notes Ed. Date 10 8 3 26 59
No. ____ Date Oct. 1959 Date ____ Map No. ____ Indexed C. John Date ____

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.07 Tape 061 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 11-59
Date	Indexed C. Johnson 3-2-60

F. B. 2380 Pg. 59

MARINA DEL REY
OXFORD AVE.
DRAINAGE BASIN

J.N. 8910.07

STAKING R.C.
DRAIN BOX

Nov. 3, 1959
English
Landa
Foulger
Dupuis
Tuxford

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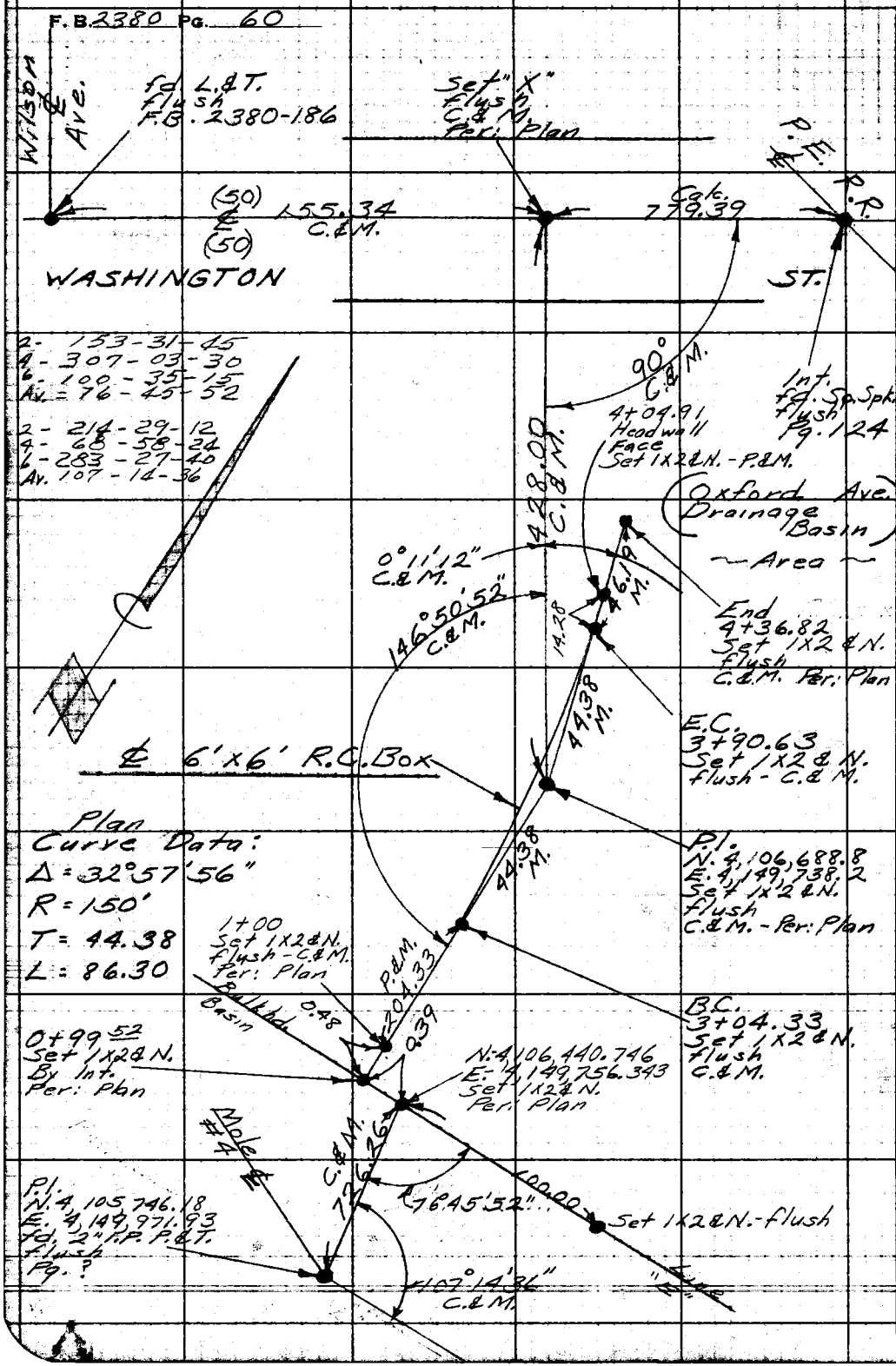
Do not extend notes this side of this line.

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

763095 CE #247—7-53



RETURN TO
LOS ANGELES COUNTY ENGINEER
100 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.

Profile No.	Notes Red	Plotted	Job No. 8910.07	Division No. 10	F.B. 2380	Pg. 61
	Date	Date	Survey of Marina Del Rey			
X-Sec. No.	Notes Chkd.	Checked	Survey by English	Notes Ed. C. Johnson	Date 11-27-59	
	Date	Date	Map No.	Indexed	Date	

MARINA DEL REY

OXFORD AVE.
DRAINAGE
BASIN

J.N.
8910.07

INVERT ELEV.S
R.C. DRAIN BOX

STATION	B.S.	H.I.	F.S.	ELEV.
				Nov. 27, 1959
				English
				Landa
			Foulger	
			Dupuis	
			Tuxford	

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

76L-298 CE 307 11-58

76L-296 CE 307 11-58

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Invert el. 0+99.52 = -6.92

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

Job No. 82 Division No. 10 Date 8/10/07
Survey of Marina Del Rey Ed.
Survey by Eagles
Notes ____
Computed C. J. W. D. Date ____

STATION	B.S.	H.I.	F.S.	ELEV.					
					R.C. Box, 20' W'ly Offset				
Fd. B.M. B-47	6 65	15 15		8 50	B.M. B-47, el = 8.50, F.B. 2380 - ?				
T.P.	5 34	15 99	4 50	10 65					
					%	Invert grade El.	Cut		
1+00			4 92	11 07		-6.92	17.99	1 X 1	& N.
+50			4 66	11 33		-6.44	17.77	"	"
2+00			4 59	11 40		-5.96	17.36	"	"
2+50			4 95	11 04		-5.48	16.52	"	"
B.C. 3+04.33			5 58	10 41	0.9577 %	-4.97	15.38	S.W.	& T.
Ctr. Curve 3+ 47.48			5 38	10 61		-4.56	15.17	1X1	& N.
E.C. 3+90.63			5 25	10 74		-4.14	14.88	S.W.	& T.
Hdwall face 4+04.91			5 39	10 60		-4.00	14.60	1X2	& N.
T.P.	2 10	16 60	1 49	14 50					
Fd. B.M. Rey #56			7 00	9 60	B.M. Rey #56, el = 9.60, F.B. 2224				

DATUM
MEAN LOWER LOW WATER
SUB. 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

Notes Ck'd by	Survey of M. D. R.	F. B. 2380 PG. 63
Map No.	IN 0021.16 Tape 2161 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Landa Date	
Date	Indexed A. C. Johnson 7-6-60	

MARINA DEL REY

U.N. 0021.16

INTERSECTION
OF
LOS ANGELES CITY
BOUNDARY
&
CENTER LINE OF
MOLE #4

12-22-59
PARTY
English
Landa
Foulger
Dupuis
Tuxford

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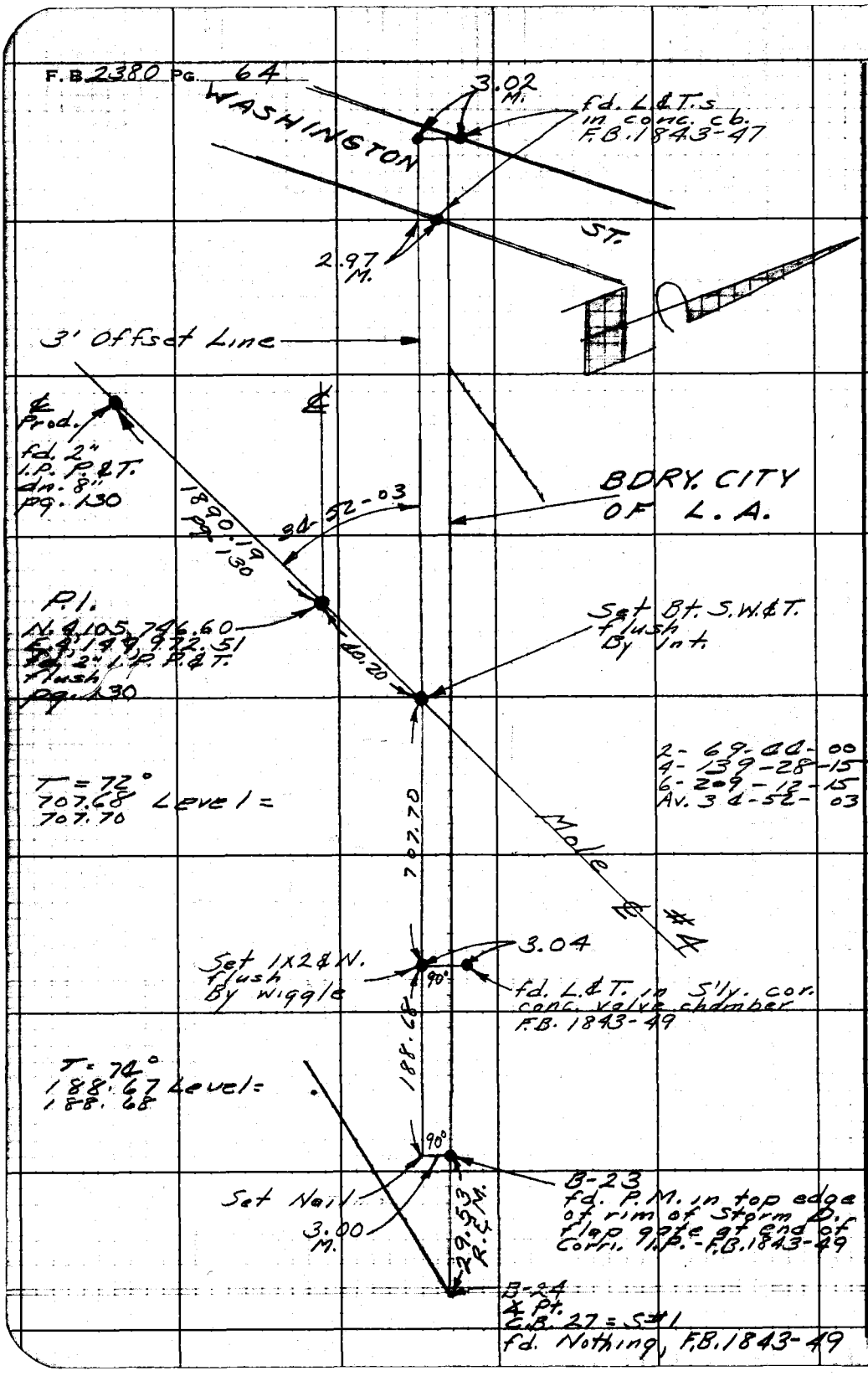
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-53

F.B. 2380 PG. 64



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

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

Notes Ck'd by	Survey of M.D.R.
Map No.	JN 0021.16 Tape 0179 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 12-59
Date	Indexed A. C. Johnson 1-6-60

F. B. 2380 PG. 73

M. D. R.

J.N.
0021.16

TOPOGRAPHY

S.D. CULVERT

AT:
LINCOLN BLVD.
S.E'ly. & Cor. M.D.R.

Dec. 31, 1959
English
Landa
Foulger
Dupuis
Tuxford

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

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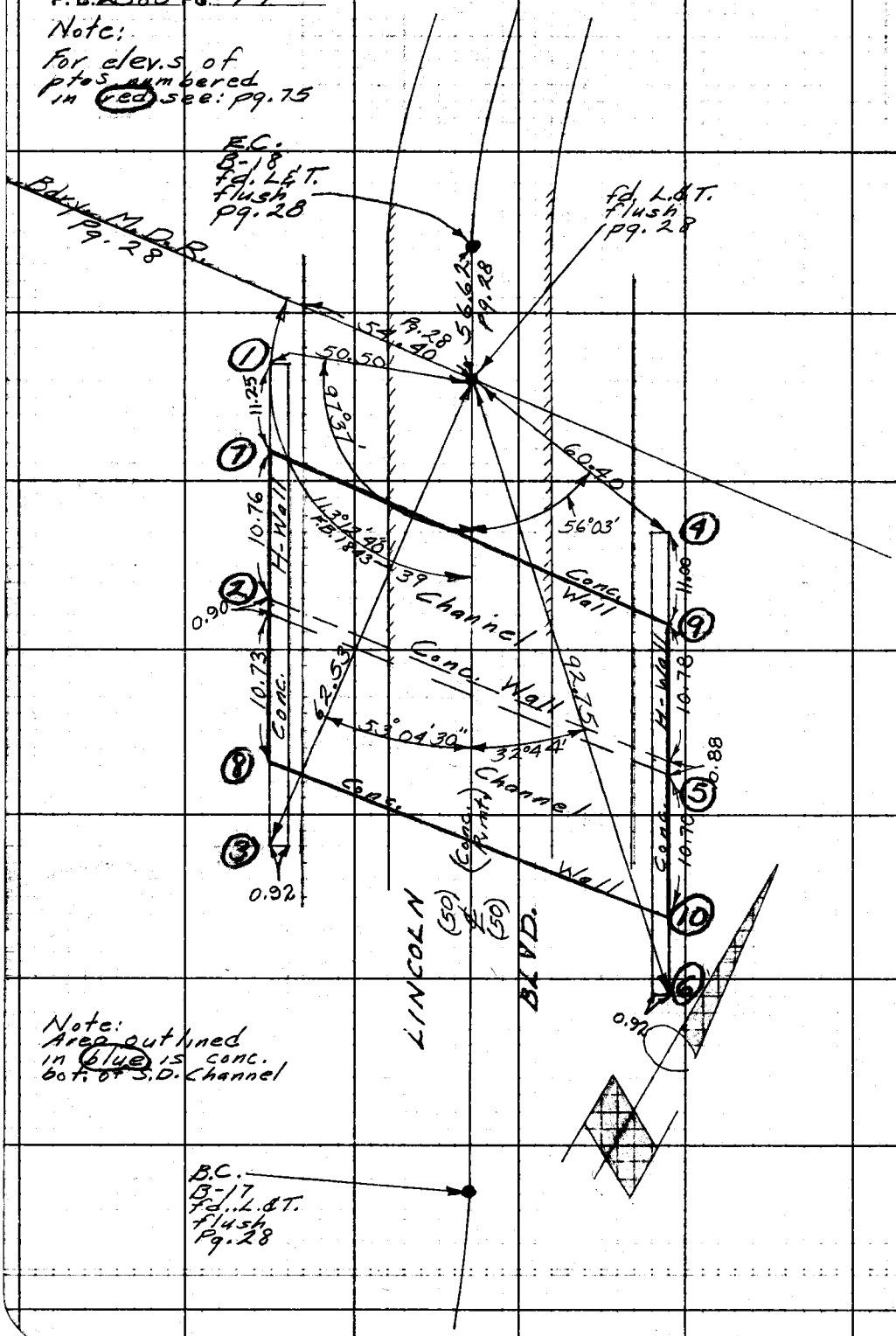
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F. B. 2380 PG. 74

Note:
For elev.s of pts numbered in red see: pg. 75



Note:
Area outlined in blue is conc. bot. of S.D. Channel

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.

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76L298 S & E #307 9-54

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Elevations: S.D. Culvert at S.E. 1/4 Cor. M.D.R. - See pg. 74						
fd. B.M. Rey #31	2 58	13 94		11 36	B.M. Rey #31, el. = 11.36, Pg. 158	
1			2 57	11 37	Top H-Wall	
2			10 63	3 31		Conc. bot. channel
3			2 59	11 35	" "	
4			2 45	11 49	" "	
5			10 58	3 36		" " "
6			2 45	11 49	" "	
7			10 67	3 27		" " "
8			10 64	3 30		" " "
9			10 54	3 40		" " "
10			10 62	3 32		" " "
					Note; Conc. bot. channel is under 2° ± of mud.	
Fd. B.M. Rey #31			2 58	11 36	B.M. Rey #31, el. = 11.36, Pg. 158	

(For location of numbers see Pg. 74)

Profile Notes Red. ____ Plotted ____ Job No. 0021.16 Division No. 10 F. B. 2380 Pg. 75
No. ____ Date ____ Date ____ Survey of M.D.R.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 12-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson 6-60

Notes Ck'd by	Survey of M.D.R.	F. B. 2380 PG. 77
Map No.	J.N. 8910.10 Tape 0.79 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes: Ed. Date 1-7-60	
Date	Indexed A. C. Johnson 1-12-60	

M. D. R.

J.N.
8910. 10

TOPOG.
S.D. CULVERT

LINCOLN BLVD.
0.30 MI. N'LY.
FROM CULVER
BLVD.

Jan. 7, 60
English
Landa
Foulger
Dupuis
Tuxford

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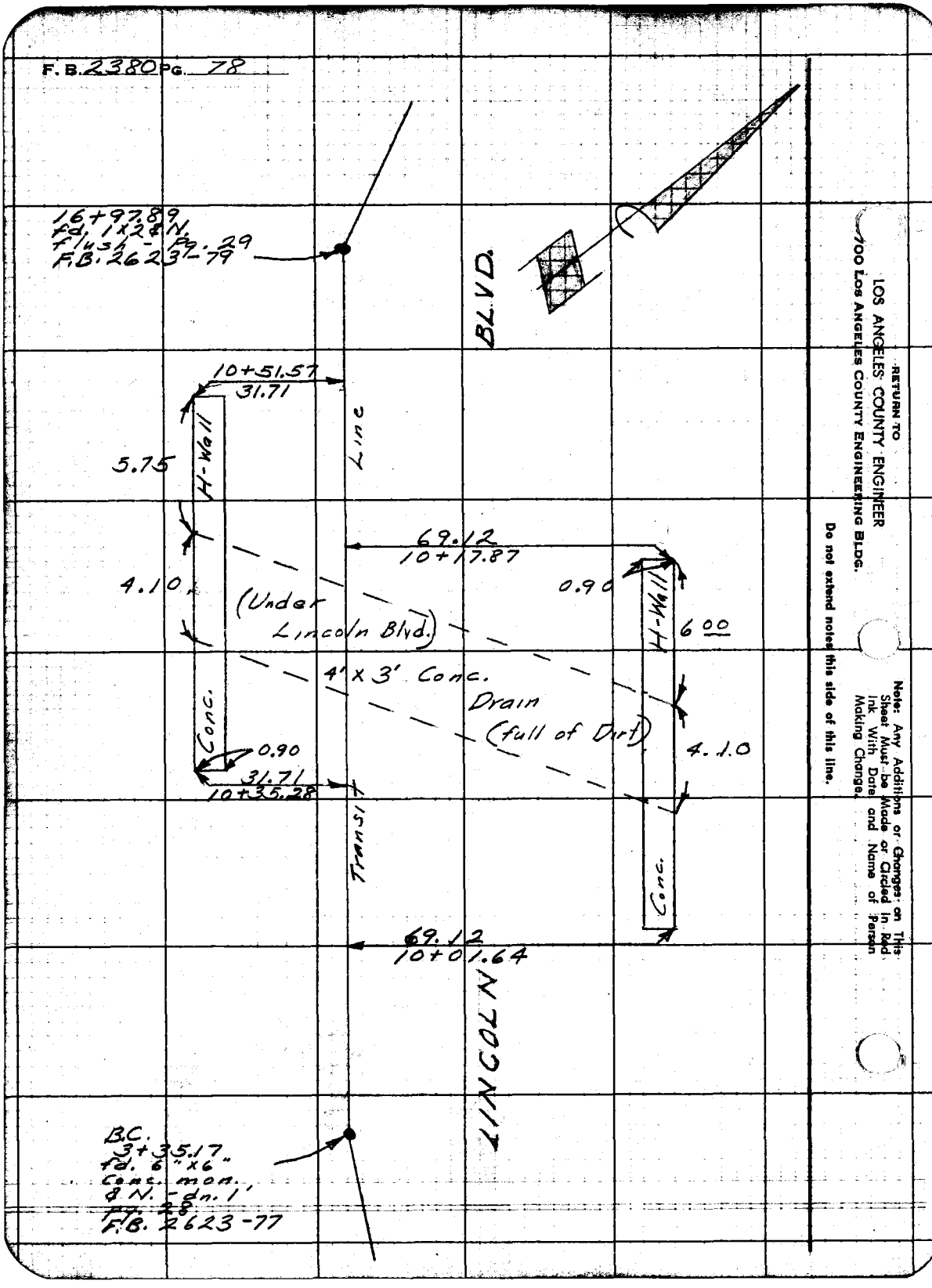
RETURN TO
LOS ANGELES COUNTY ENGINEER
200 LOS ANGELES COUNTY ENGINEERING BLDG.

763098. CE #247—7-33

F. B. 2380 PG. 78



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LOS ANGELES COUNTY ENGINEER
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76L298 S & E #307 9-54

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

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Elev. - S.D. Culvert + - Shown on pg. 78						
fd. B.M. Rey #31	4 60	15 96		11 36	Rey #31, el.= 11.36, Pg. 158	
T.P.	3 90	14 49	5 37	10 59		
10+01 64			6 25	8 04	69.1 R., Top conc. H-Wall	
10+09 9			7 8	6 7	69' R., Dirt	
"			10 84	3 65	" , Conc. Drain bottom, F.L.	
10+17 87			6 43	8 06	69' R. Top conc. H-Wall	
10+35 38			6 57	7 92	31' L., " " "	
10+43 6			7 9	6 6	31' L., Dirt	
"			10 93	3 56	" " , Conc. Drain bot. F.L.	
10+51 57			6 55	7 94	31' L., Top Conc. H-Wall	
T.P.	5 14	15 25	4 38	10 11		
fd. T.B.M.			3 46	11 79	T.B.M., el= 11.75, Pg. 158 P.P. #110723M.	

Profile
Notes Red. _____ Plotted _____ Job No. 8910.10 Division No. 10
No. _____ Date _____ Date _____ Survey of M.D.R.
X-Sec. Notes Chkd. _____ Checked _____ Survey by English Notes Ed. Date 1-7-60
No. _____ Date _____ Date _____ Map No. _____ Indexed C. Johnson Date _____

F. B. 2380 Pg. 79

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 002116 Tape 0178 Std 68 °F
Office Work	Surveyed by English & Uharriet
Checked	Notes English & Uharriet Date 2-25-60
Date	Indexed R. C. Johnson 3-18-60

F. B. 2380 PG. 81

MARINA DEL REY

J.N. 002116

JAN. & FEB. 1960

Centerline recovery along Lincoln Blvd. 300± south of Washington Blvd. to Culver Blvd.

Ref. F.B. 294
F.B. 1843
F.B. 2532
C.S.B. 514

English
Landa
Foulger
Dupuis
Tuxford

Uharriet
Peterson
Strader
Eller

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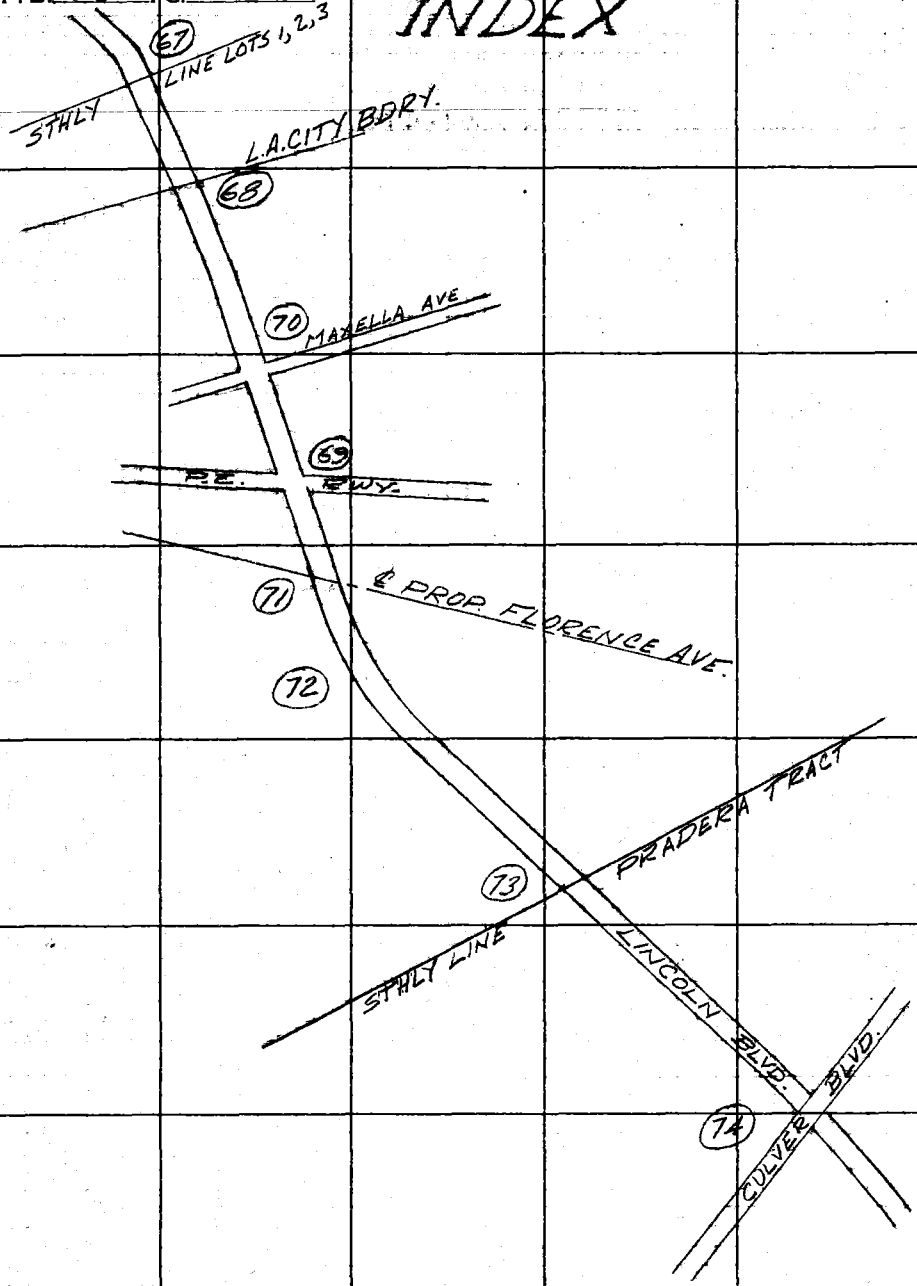
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76808 CE #247—7-58

F. B. 2380 PG. 82

INDEX



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

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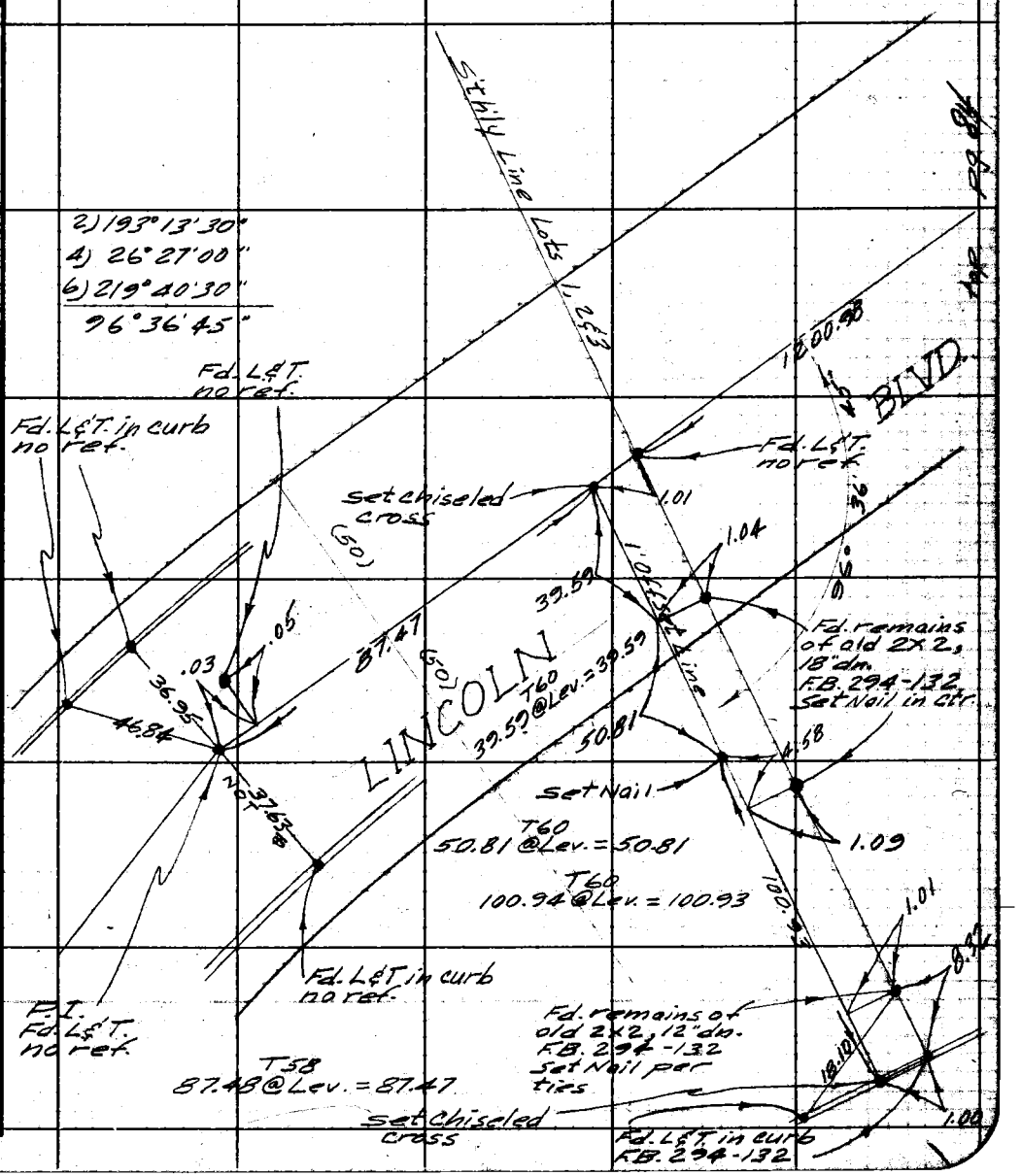
Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 0021.16 Tape 0170 Std. 68 °F
Office Work	Surveyed by Uharriet
Checked	Notes Uharriet Date 2-26-60
Date	Indexed C. Johnson

F. B. 2380 PG. 83

NS. 23 B2

Searched for 2x2 at Del Rey Ave. without success. Sewer construction apparently destroyed it.



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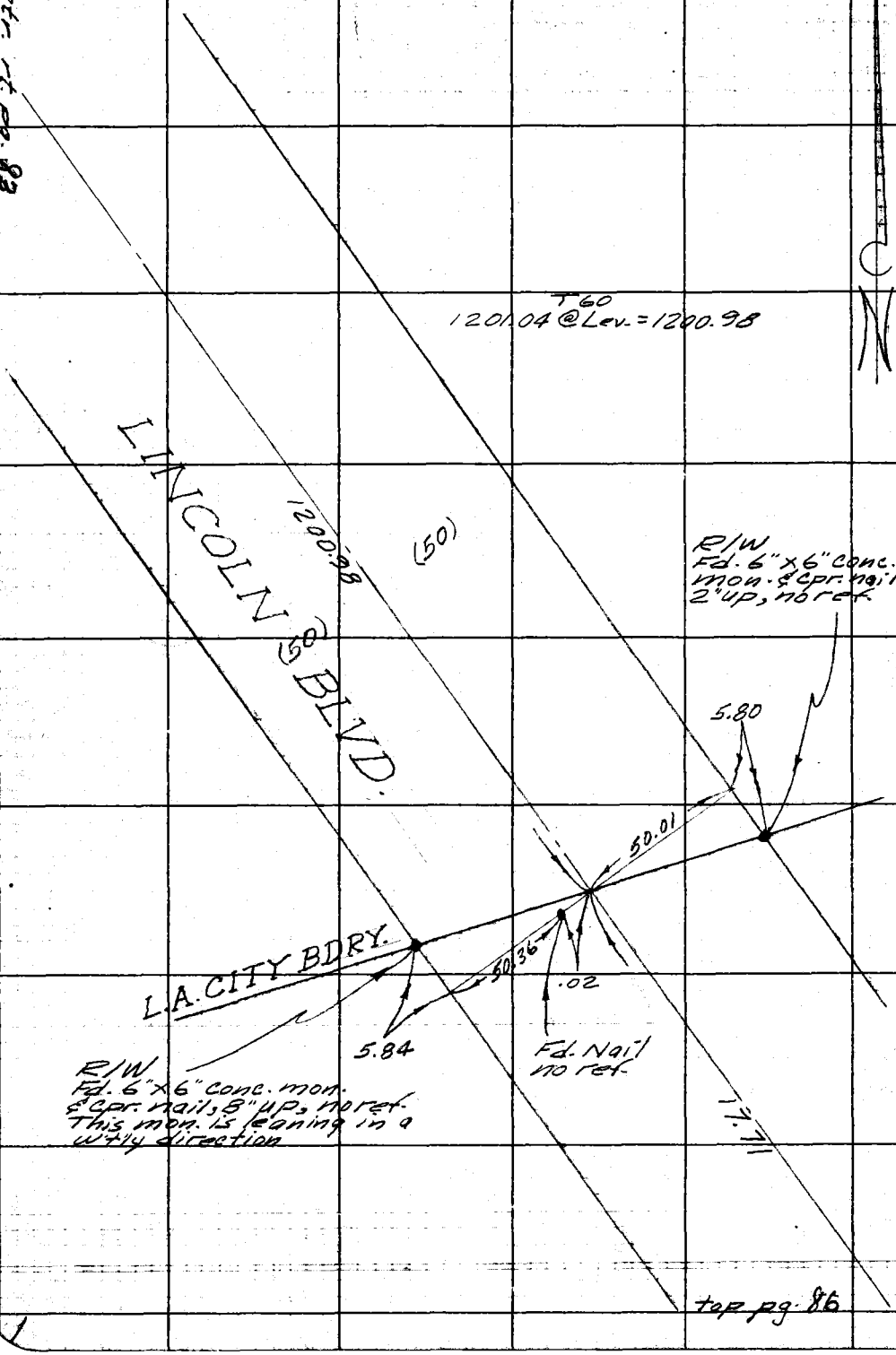
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

F.B. 2380 PG. 84

ctr. rt. pg. 83



W.S. 36-132

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900 LOS ANGELES COUNTY ENGINEERING BLDG.

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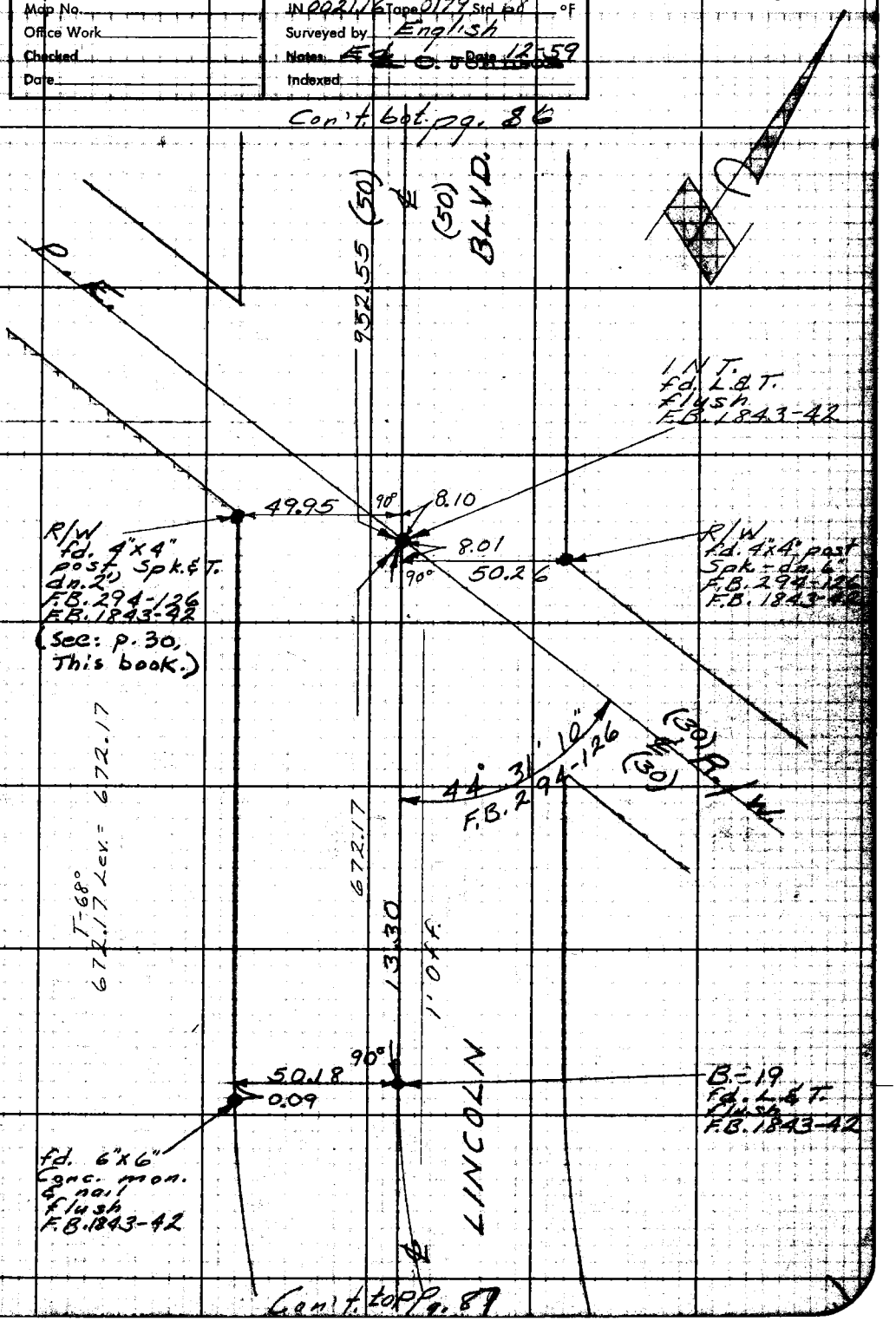
Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 0021.16 Tape 0179 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 12-59
Date	Indexed

F.B. 2380 PG. 85

Con't. bot. pg. 86

N.S. 23-B3



Con't. top Pg. 87

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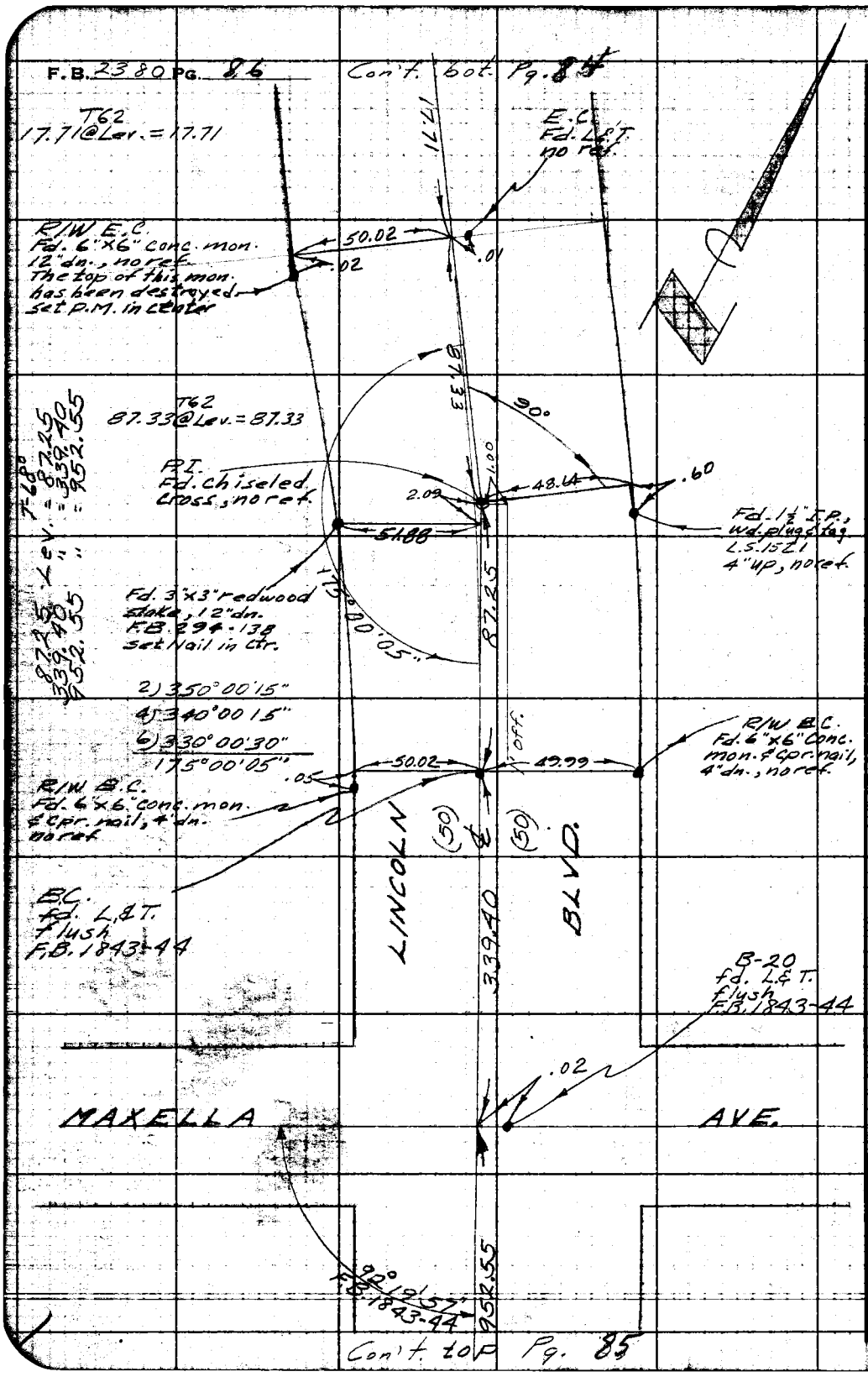
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53



W.S. 23-B2

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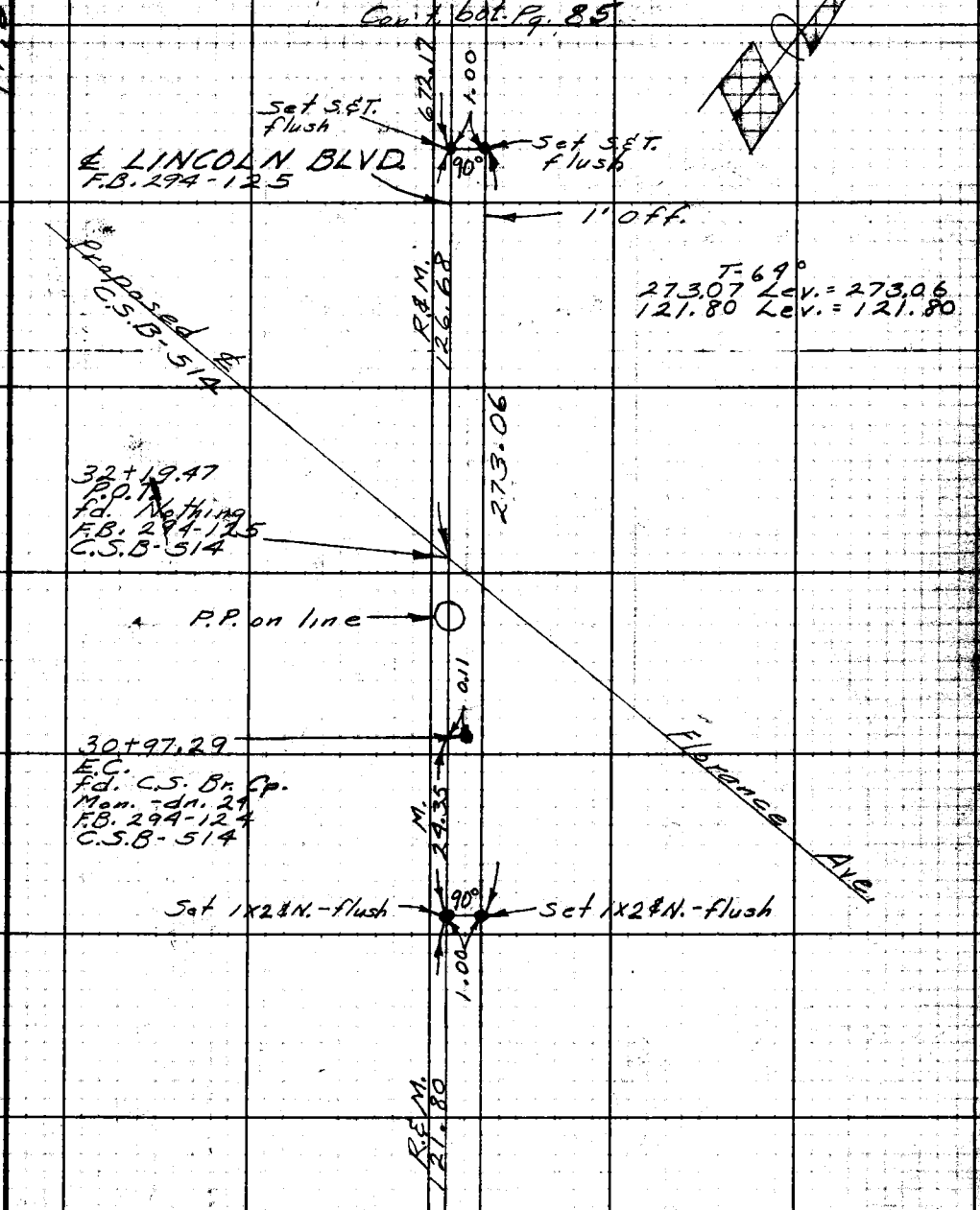
Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 002116 Tape 0179 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 1-60
Date	Indexed

F. B 2380 Pg. 87

Con't bot. Pg. 85



Con't top Pg. 88

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RETURN TO
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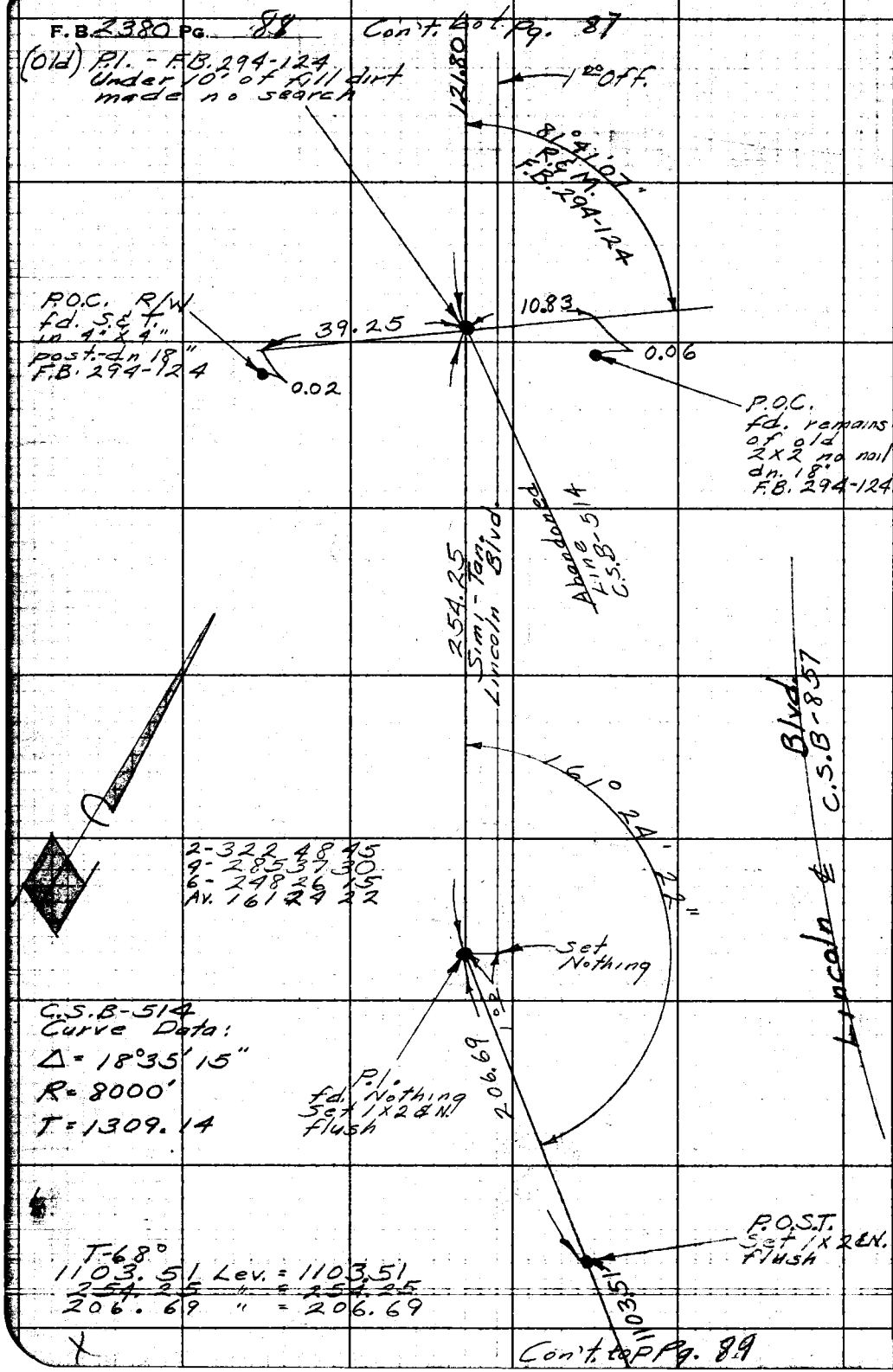
900 LOS ANGELES COUNTY ENGINEERING BLDG.

769098 CE #247—7-53

F.B. 2380 PG. 88 Con't. Lot Pg. 87



C.S.B-514
Curve Data:
Δ = 18°35'15"
R = 8000'
T = 1309.14

T-68°
1103.51 Lev. = 1103.51
~~254.25 " = 254.25~~
206.69 " = 206.69

Con't. top Pg. 89

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100 LOS ANGELES COUNTY ENGINEERING BLDG.

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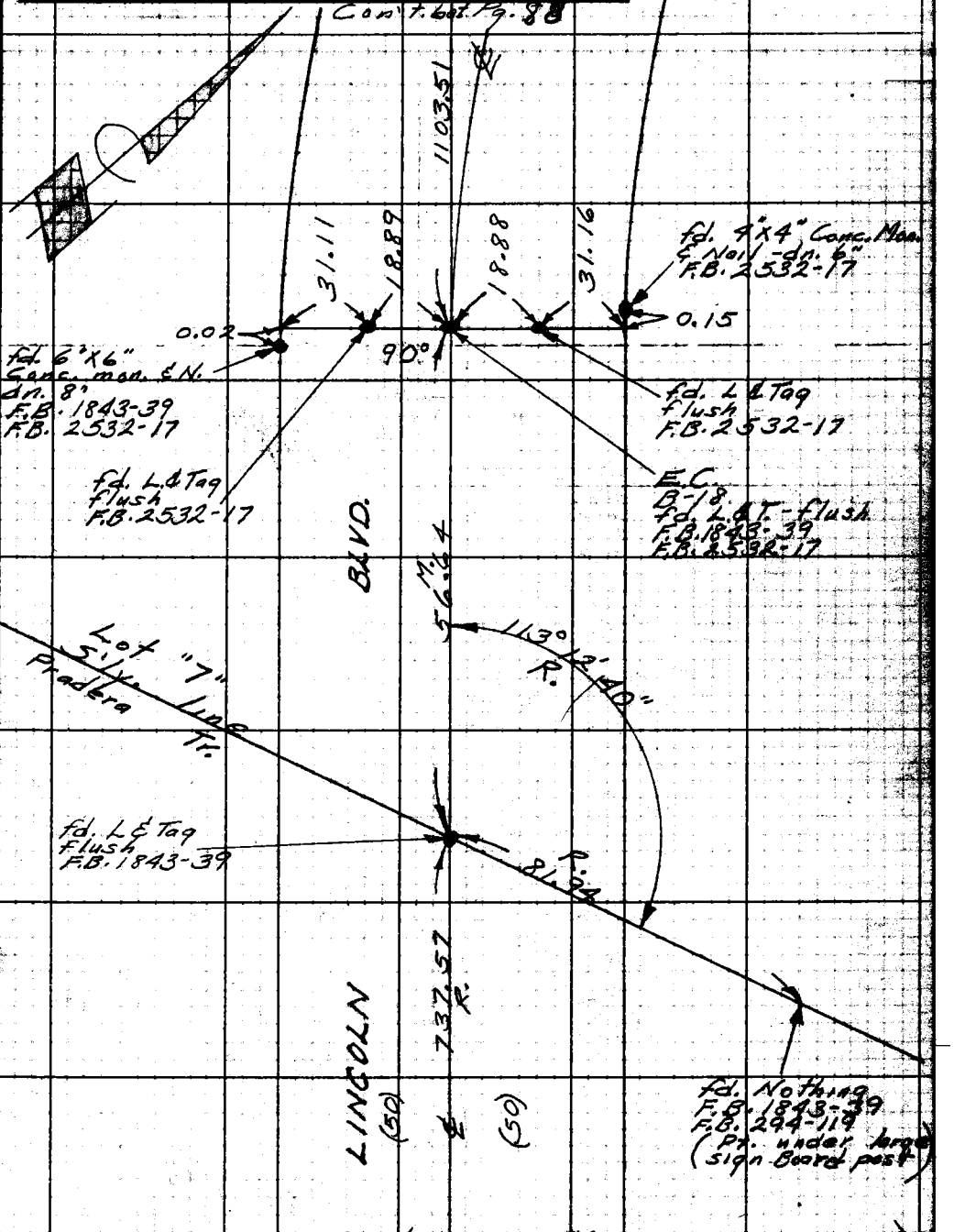
Notes Ck'd by	Survey of Marina Del Rey	F. B. 2380 PG. 89
Map No.	JN 0021.16 Tape 0179 Std. 68 °F	
Office Work	Surveyed by English	
Checked	Notes [illegible] 60	
Date	Indexed	

W.S. 23-B3



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RETURN TO
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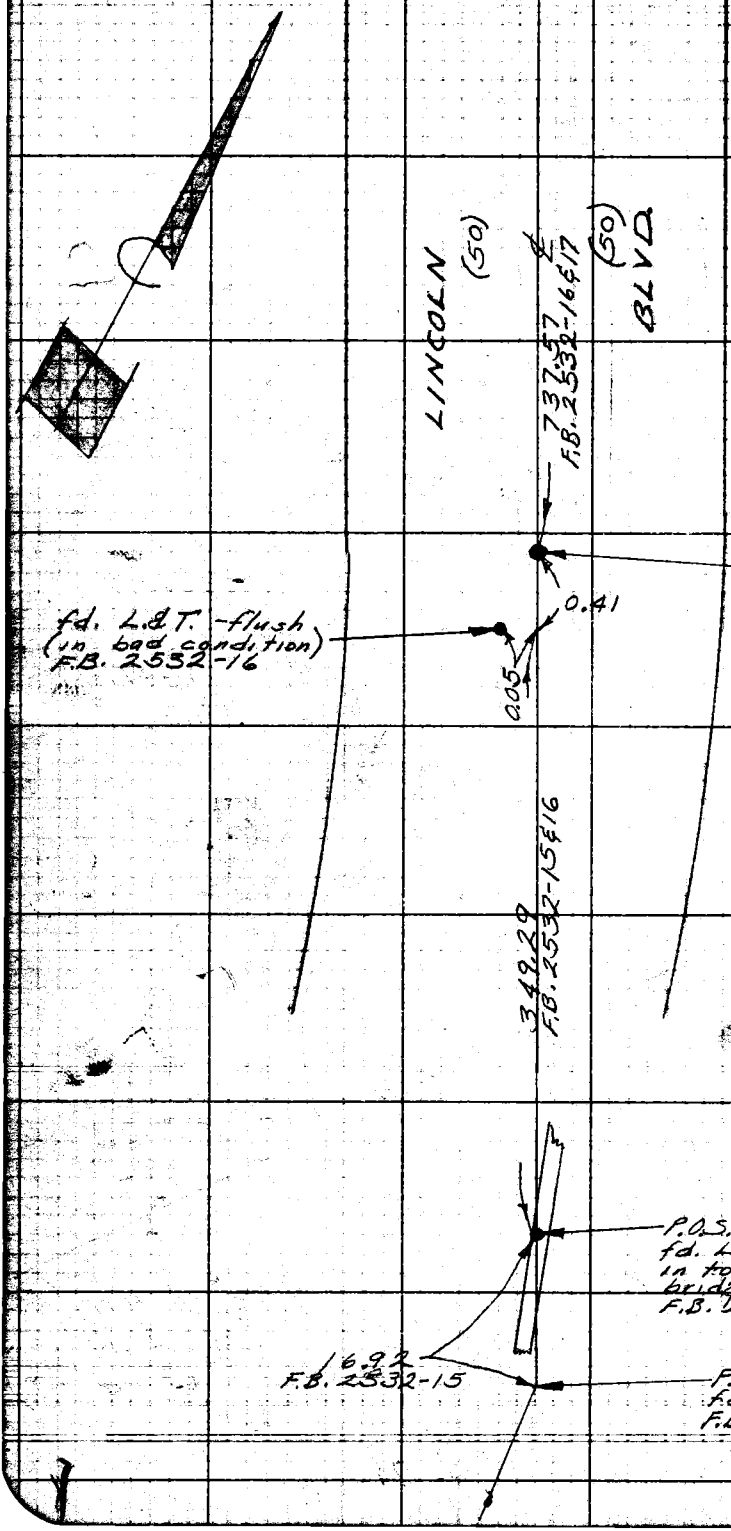
700 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-58

F.B. 2380 PG. 90 Con't. bal. Pg. 89



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Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.02 Tape 75 Std 84 °F
Office Work	Surveyed by E. English
Checked	Notes E. Landa Date 1-59
Date	Indexed J. C. Johnson 1-19-59

F. B. 2380 PG. 101

MARINA DEL REY

J.N. 8910.02

OIL WELL LOCATIONS

JANUARY 1959
PARTY
E. ENGLISH
E. LANDA
D. FOULGER
D. WALLACE
G. DUPUIS

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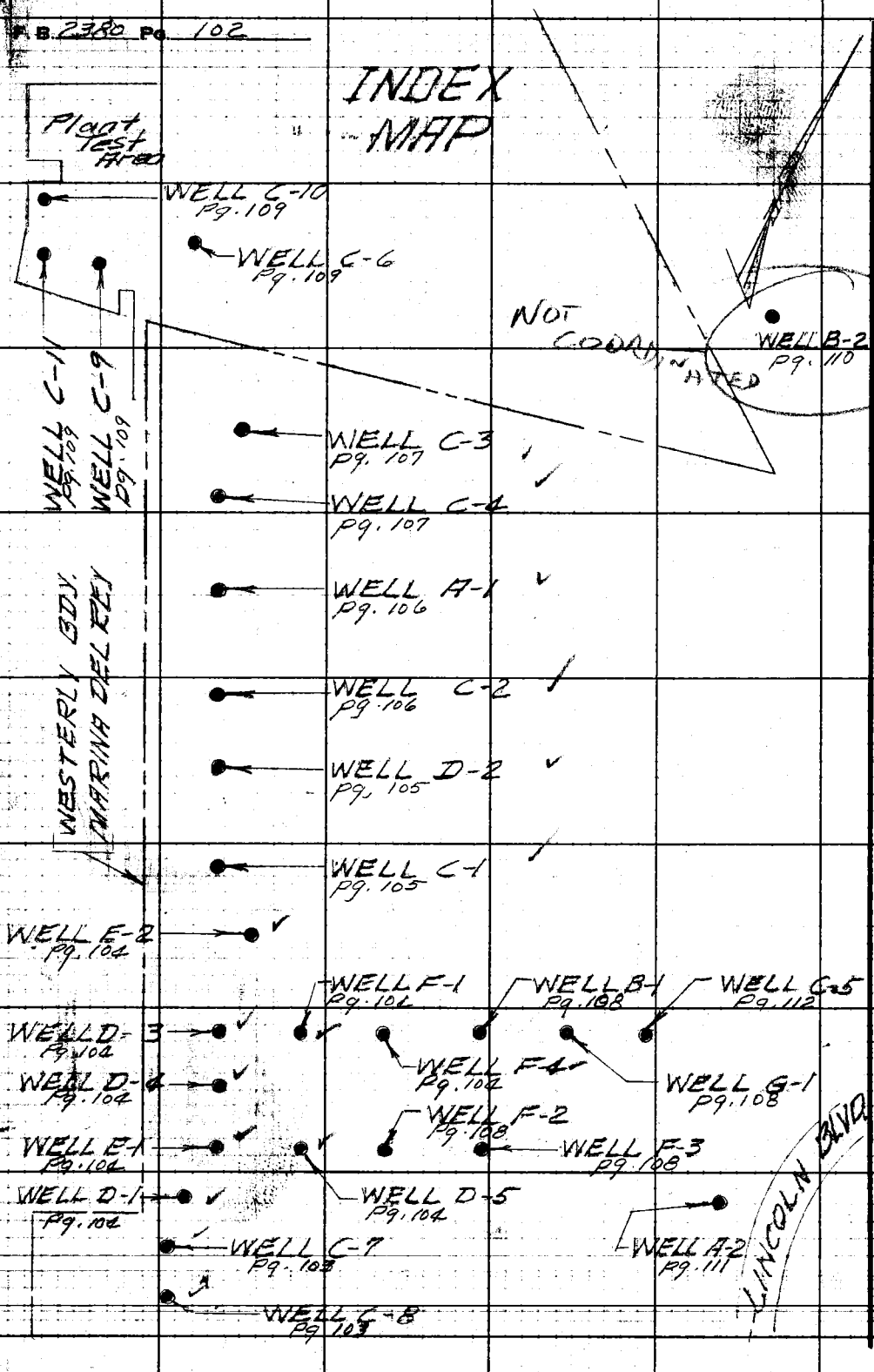
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3D98 CE #247—3-57

F.B. 2380 Pg. 102

INDEX MAP



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700 Los Angeles County Engineering Bldg.

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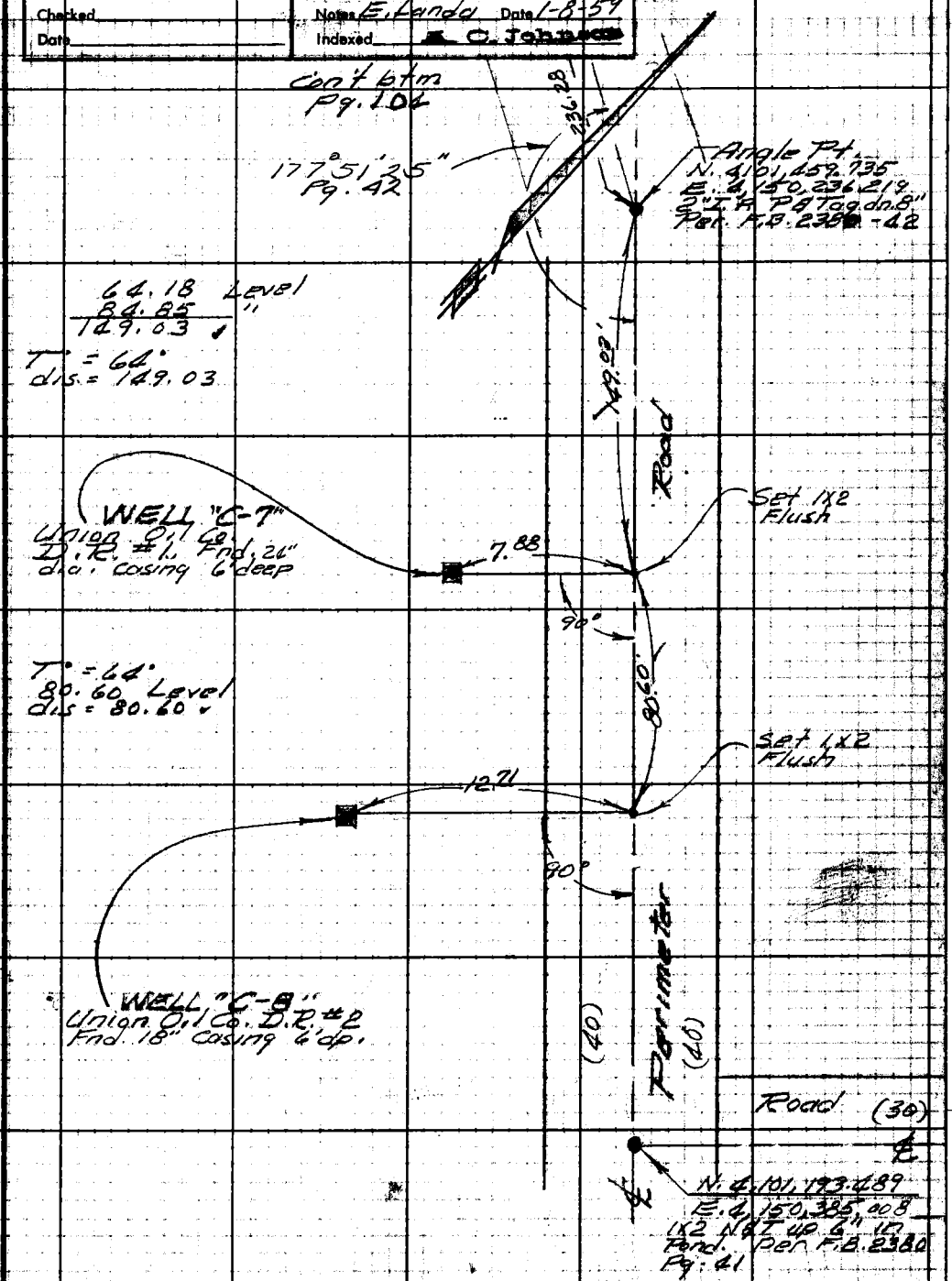
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. J. BRENNER	Survey of Marina Del Rey
Map No.	JN 8910.02 Tape 0117 Std 68 °F
Office Work	Surveyed by E. English
Checked	Notes E. Landa Date 1-8-59
Date	Indexed C. Johnson

F 2380 Pg. 103



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

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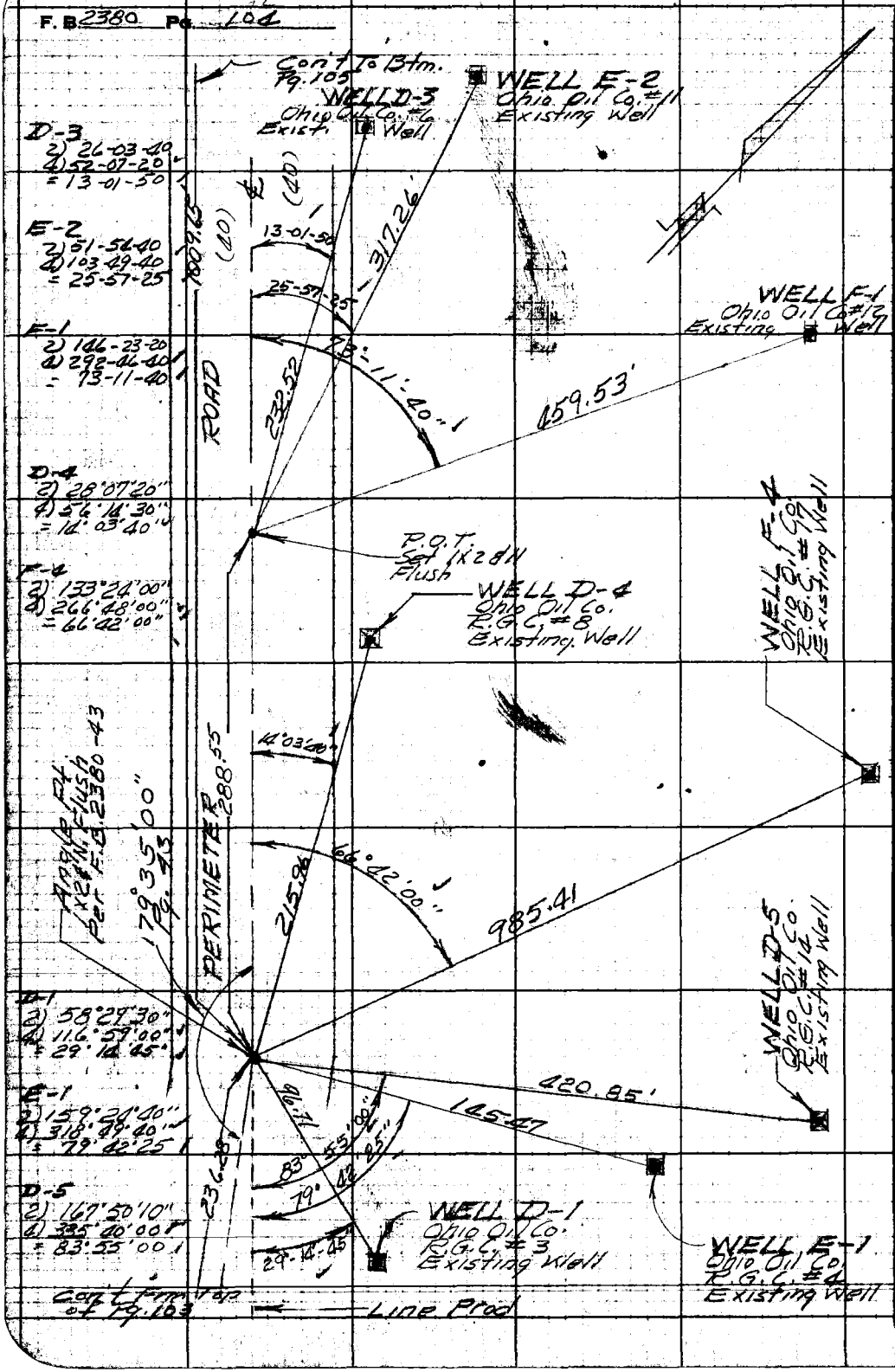
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3D9S CE #247—3-57

215.46
14.33
229.79

F. B. 2380 Pg. 104



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700 Los Angeles County Engineering Bldg.

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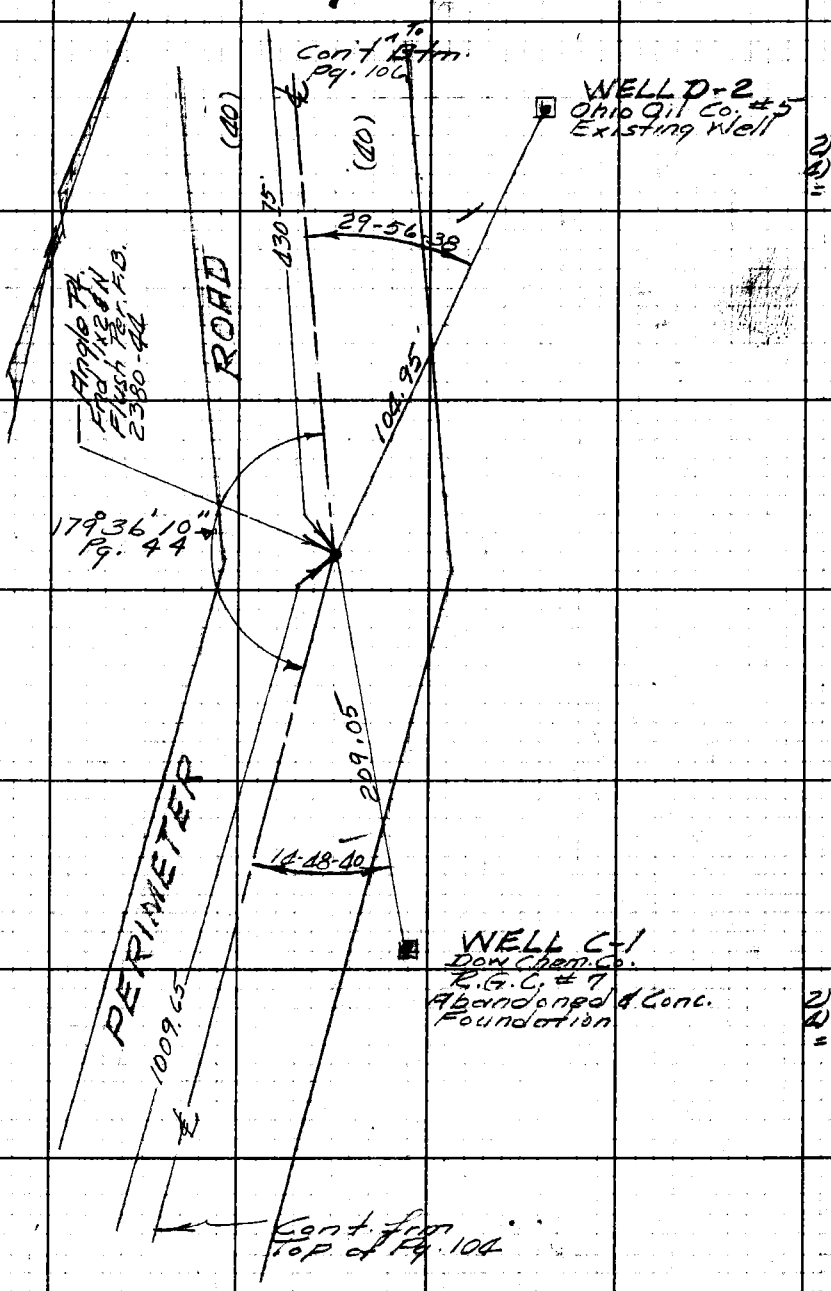
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by W. J. BRENNER	Survey of Marina Del Rey
Map No.	JN 39/8.02 Tape 75 Std 84 °F
Office Work	Surveyed by E. English
Checked	Notes E. Lamb Date 1-59
Date	Indexed L. C. Johnson

F. B. 2380 PG. 105



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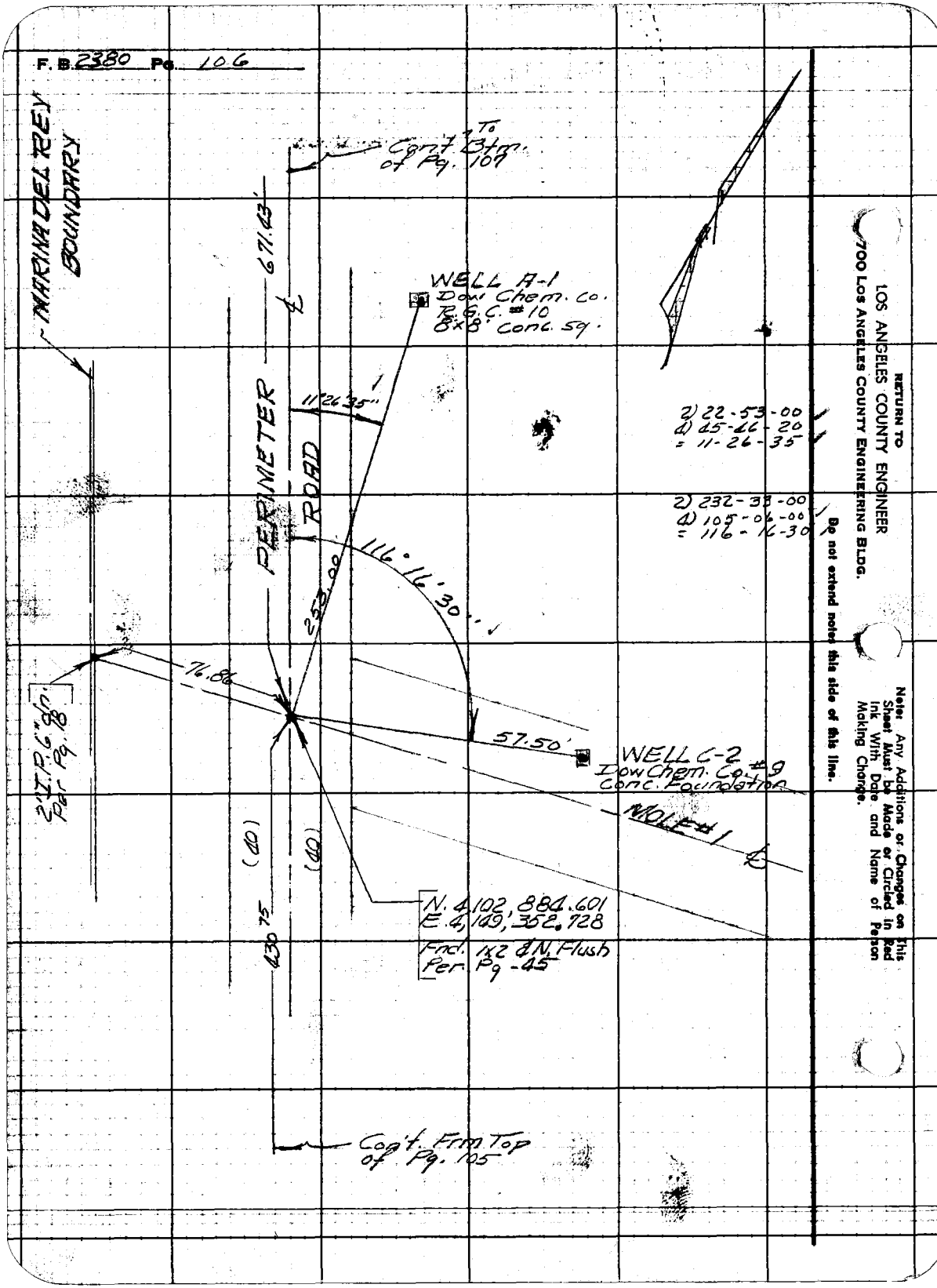
700 LOS ANGELES COUNTY ENGINEERING BLDG.

765033 CE #247—3-57

F. B. 2380 Pg. 106



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700 Los Angeles County Engineering Bldg.

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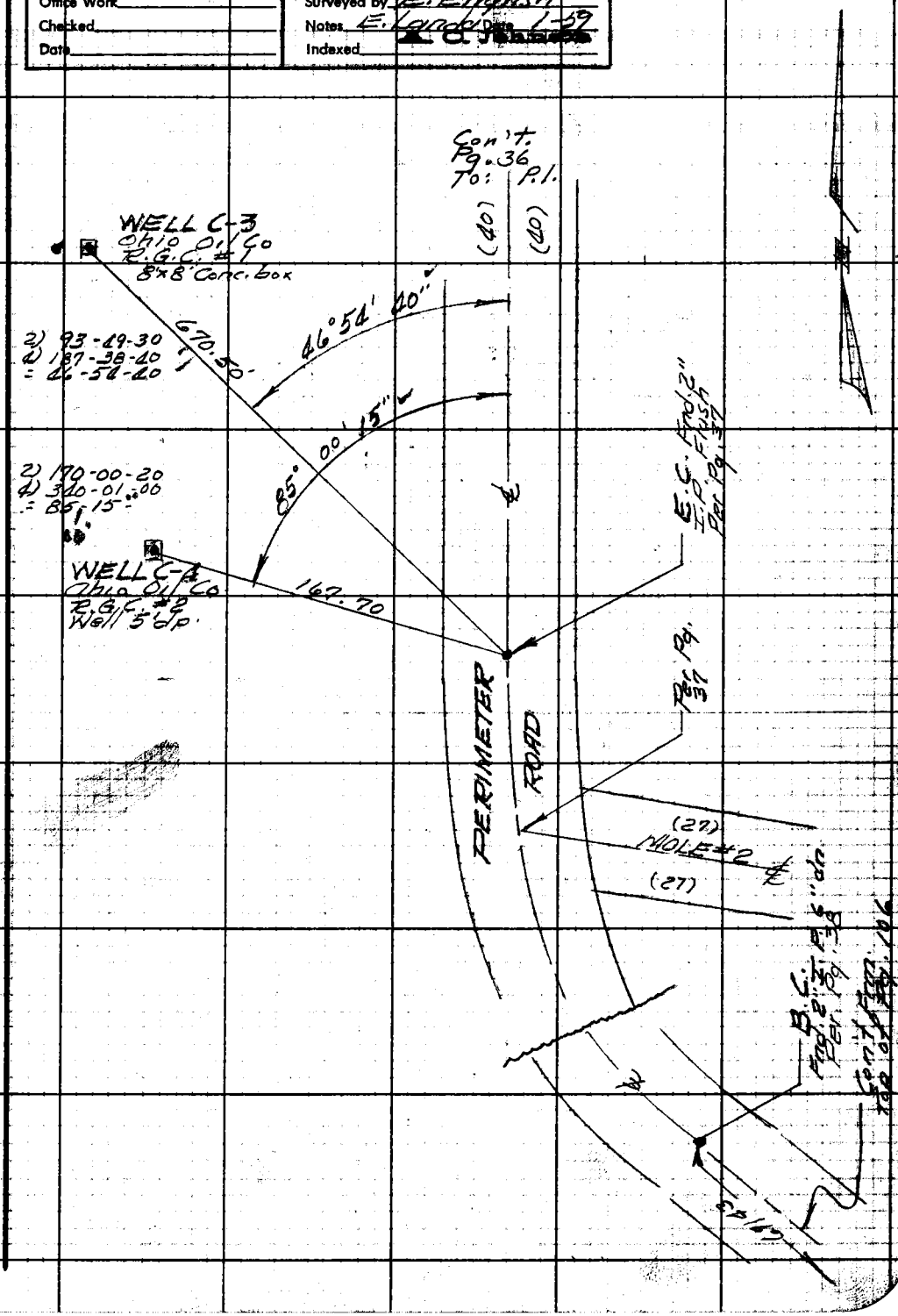
Notes Ck'd by W. J. BRENNER	Survey of Marina Del Rey
Map No.	JN 8910.02 Tape 75 Std 84 °F
Office Work	Surveyed by E. English
Checked	Notes E. Landa Date 1-59
Date	Indexed A. C. Johnson

F. B. 2380 Pg. 107



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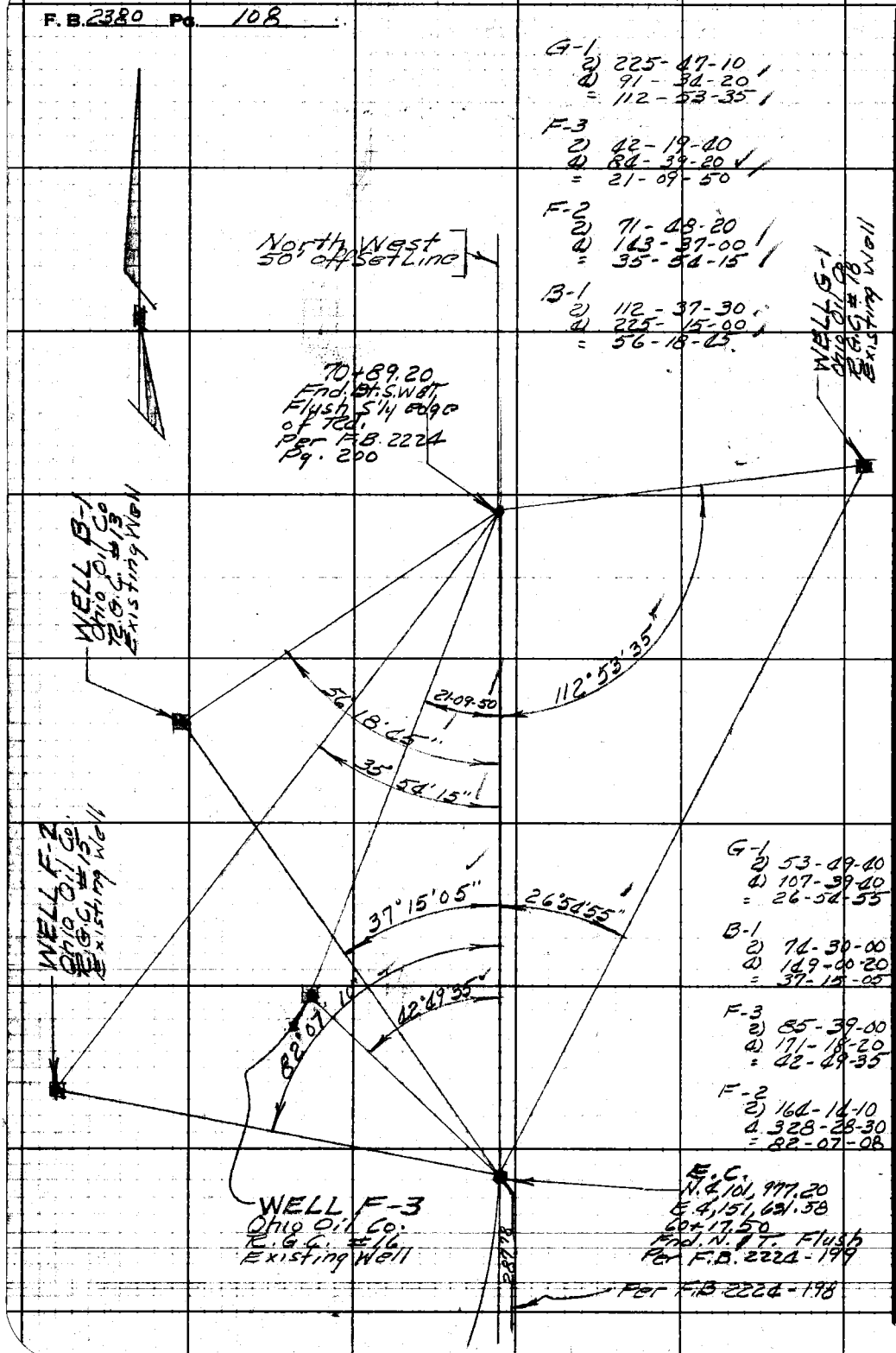
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE #247—3-57

F. B. 2380 Pg. 108



G-1
2) 225-47-10
4) 91-34-20
= 112-53-35

F-3
2) 42-19-40
4) 84-39-20
= 21-09-50

F-2
2) 71-48-20
4) 143-37-00
= 35-54-15

B-1
2) 112-37-30
4) 225-15-00
= 56-18-45

G-1
2) 53-49-40
4) 107-39-40
= 26-54-55

B-1
2) 74-30-00
4) 149-00-20
= 37-15-05

F-3
2) 85-39-00
4) 171-18-20
= 42-49-35

F-2
2) 164-14-10
4) 328-28-30
= 82-07-08

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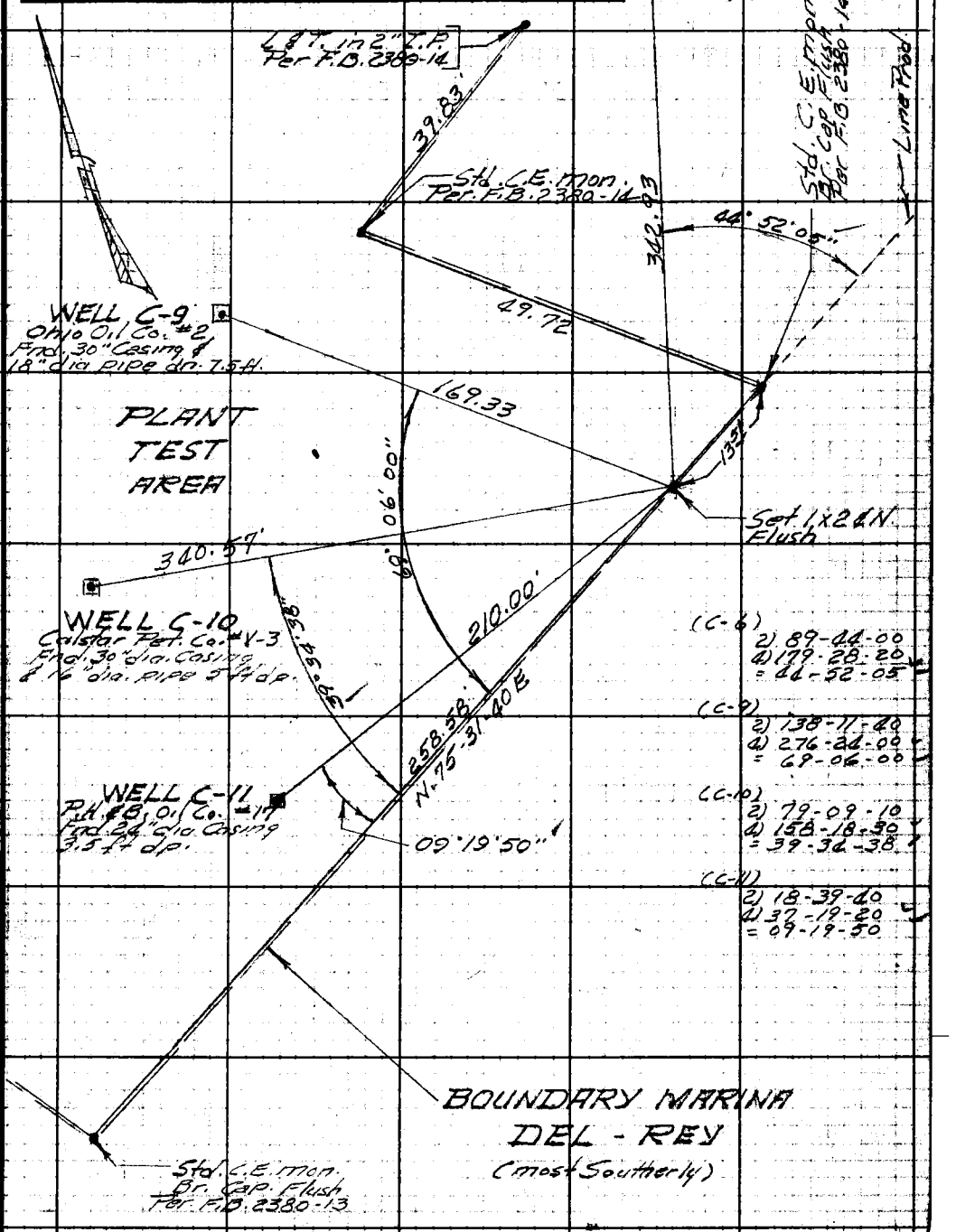
Notes Ck'd by W. J. BRENNER	Survey of Marina Del Rey	F. B. 2380 Pg. 109	
Map No.	JN 8910.02 Tape 15 Std 30 °F		
Office Work	Surveyed by E. English		
Checked	Notes E. Landa Date 1-59		
Date	Indexed C. Johnson		



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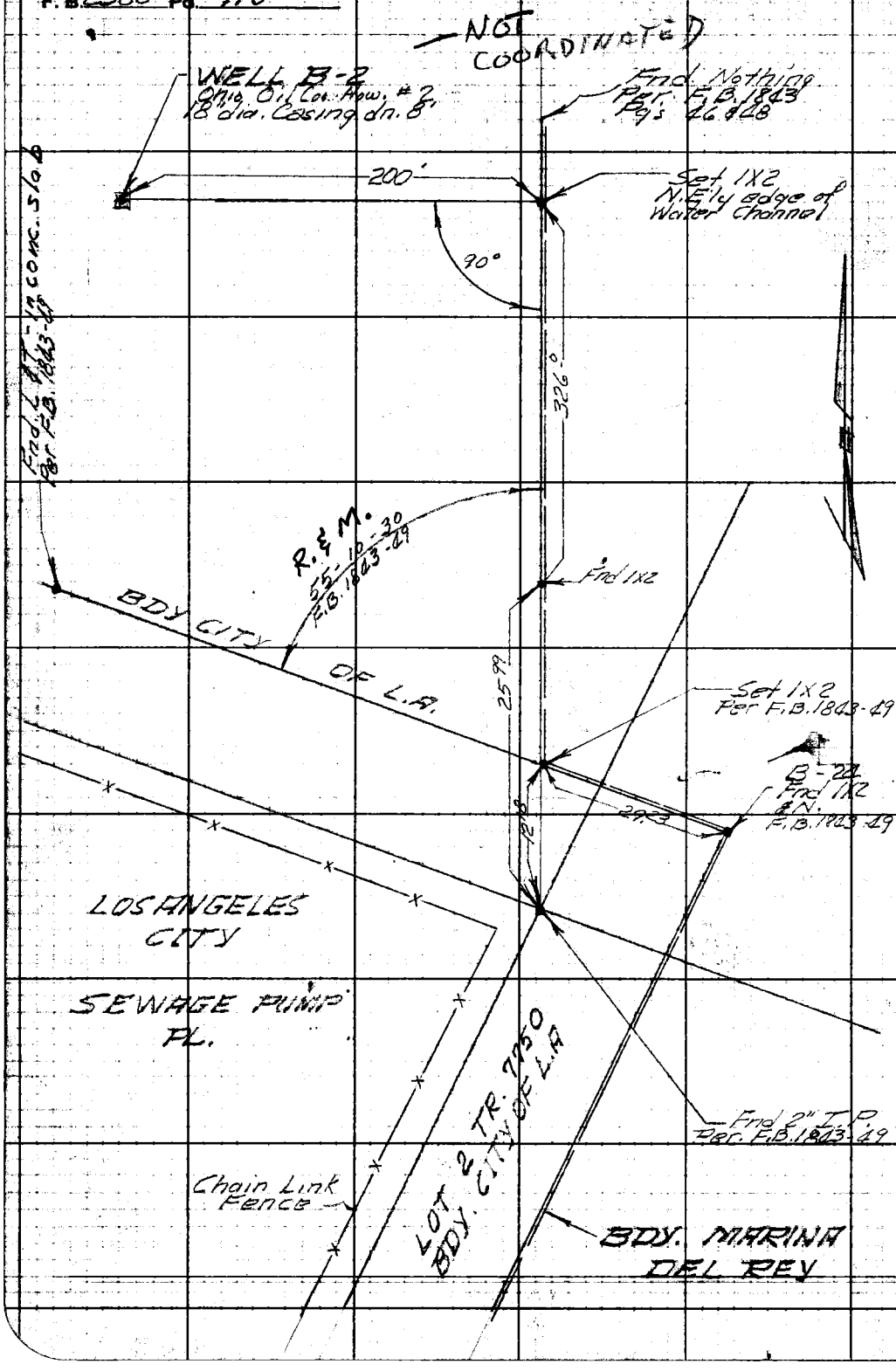
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247—3-57

F. B. 2380 Pg. 110



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LOS ANGELES COUNTY ENGINEER
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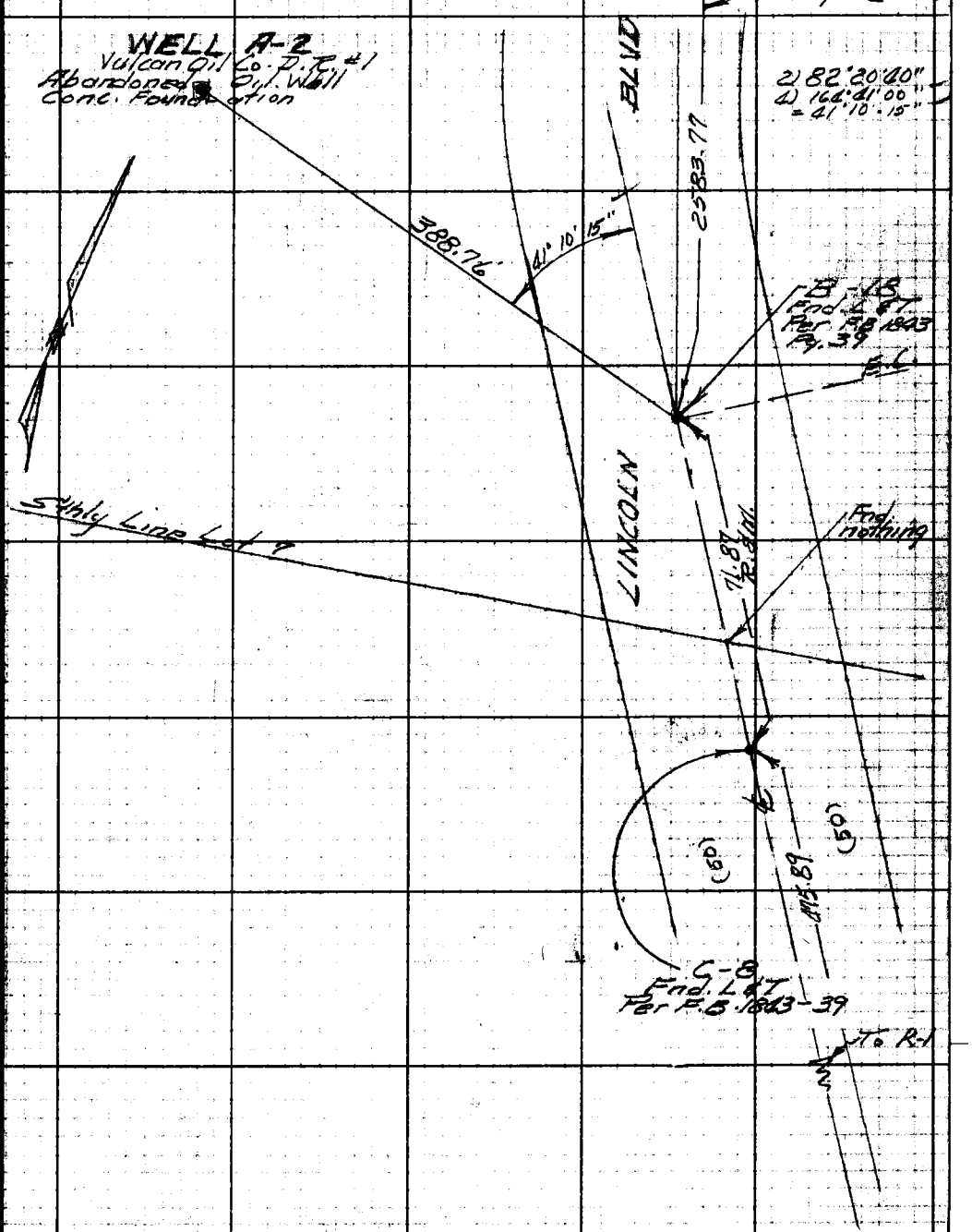
Notes Ck'd by W. J. BRENNER	Survey of Marina Del Rey	F.B. 2380 Pg. 111
Map No.	JN 8910.02 Tape 75 Std. 84 °F	
Office Work	Surveyed by [illegible]	
Checked	Notes E. Landa Date 1-59	
Date	Indexed R. C. Johnson	



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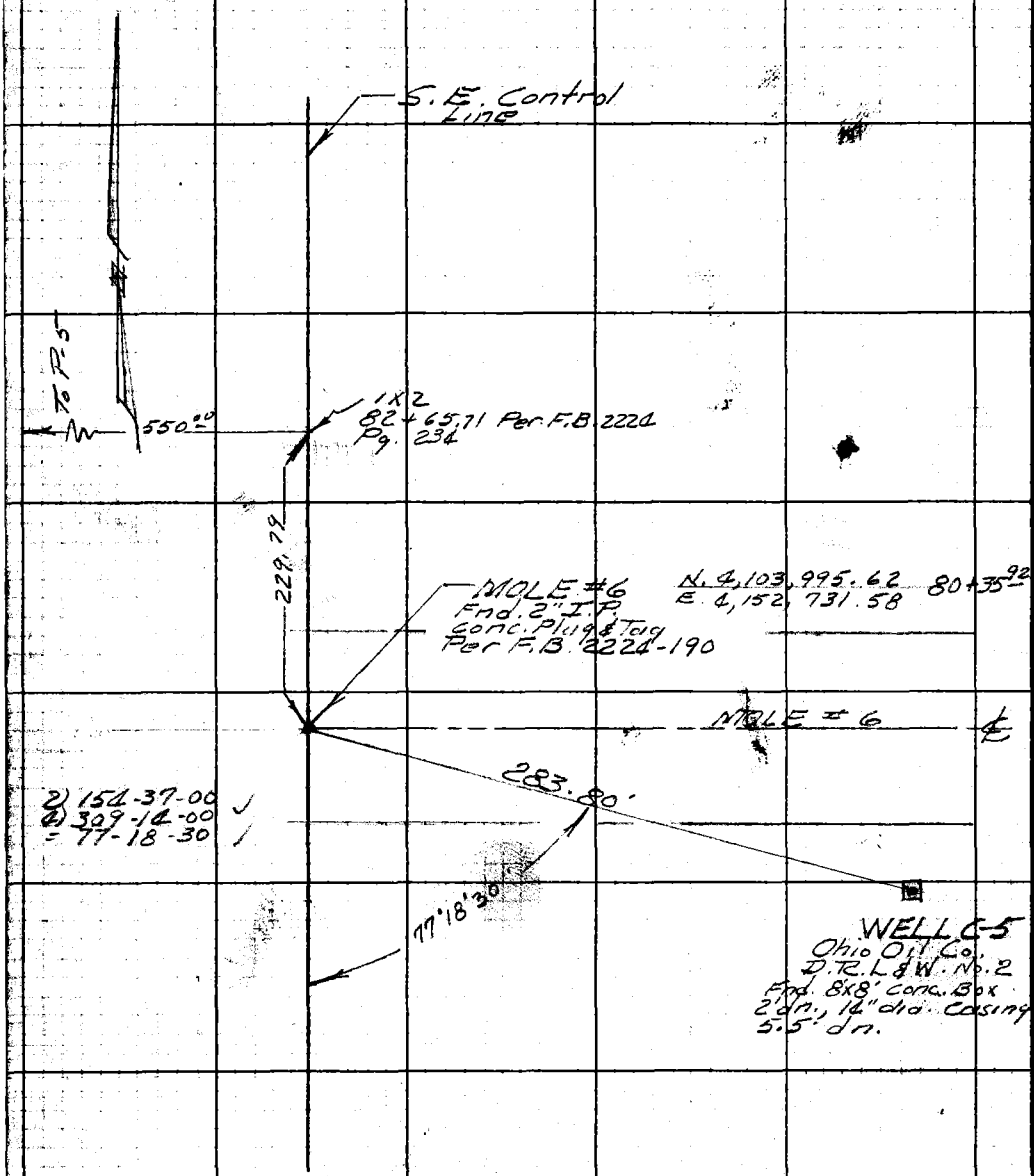
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F. B. 2380 Pg. 112



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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.

Profile	Notes Red.	Plotted	Job No. 8910.02	Division No. 10	F. B. 2380	Pg. 113
No.	Date	Date	Survey of Marina Del Rey			
X-Sec.	Notes Chkd.	Checked	Survey by English	Notes Landa	Date Jan. 59.	
No.	Date	Date	Map No.	Indexed C. Johnson	Date 2-24-59	

MARINA DEL REY

J.N. 8910.02

ELEVATIONS
AT
OIL WELL LOCATIONS

JANUARY 1959
PARTY:
English
Landa
Foulger
Wallace
Dupuis

ELEV.

F. S.

H. I.

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

B. S.

STATION

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

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

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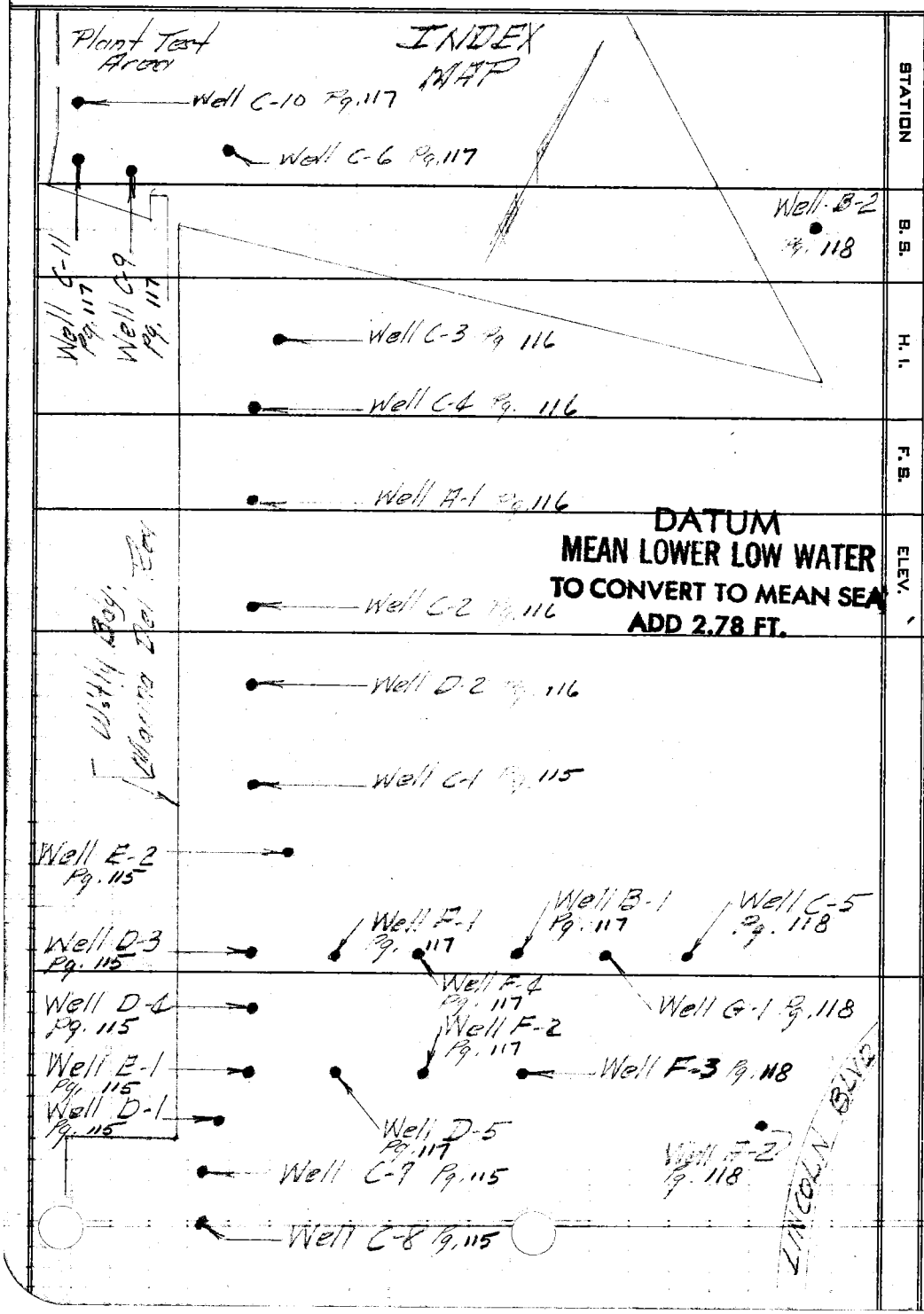
76L298 307 8-53

F. B. 8380 Pg. 114 Job No. 8910.02 Division No. 10 Notes Red. Plotted Profile

Survey of Marina Del Rey Date Date No.

Survey by E. English Notes Landa Notes Chkd. Checked X-Sec.

Indexed [redacted] C. John[redacted] Date Jan. 1959 Date Date No.



DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

76L298 307 8-53

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

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76L298 307 8-53

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Do not extend notes this side of this line.

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

STATION	B. S.	H. I.	F. S.	ELEV.	
fd. B.M. Rey #4	5 58	10 31		4 73	(C.B. 9-A) B.M. Rey #4, el.= 4.730, F.B. 1843-147, 99 & 57
C-8					Well # C-8, (Union oil Co. - D.R. No. 2)
C-7					Well # C-7, (Union oil Co. - D.R. No. 1)
D-1			5 50	4 81	Well # D-1, (Ohio Oil Co. - R.G.C. No. 3) Top conc. cellar wall
E-1			5 65	4 66	Well # E-1 (Ohio Oil Co. - R.G.C. No. 4) Top Conc. Cellar wall
D-4			5 96	4 35	Well # D-4 (Ohio oil Co. R.G.C. No. 8) Top conc. cellar wall
T.P.	4 60	10 55	4 36	5 95	1x2
D-3			6 10	4 45	Well # D-3 (Ohio oil Co. R.G.C. #6) Top conc. cellar wall
E-2			4 99	5 56	Well # E-2 (Ohio oil Co. R.G.C. #11) Top conc. cellar wall
T.P.	3 82	10 28	4 09	6 46	1x2
C-1			5 88	4 40	Well # C-1 (Dow chem. Co. R.G.C. #7) Top conc. cellar wall

Profile Notes Red. ____ Plotted ____ Job No. 8910.02 Division No. 10 F.B. 2380 Pg. 115
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 1-59
No. ____ Date ____ Date ____ Map No. ____ Index K. G. Johnson

76L298 307 8-53

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Do not extend notes this side of this line.

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

STATION	B. S.	H. I.	F. S.	ELEV.	
D-2		10 28	6 86	3 42	Well # D-2, (Ohio Oil Co. R.G.C. #5) Top Conc. Cellar Wall
T.P.	5 08	9 60	5 76	4 52	1 x 2
C-2			6 12	3 48	Well # C-2 (Dow chem. Co. R.G.C. #9) Top Conc. Cellar wall
T.P.	4 63	11 08	3 15	6 45	1 x 2
A-1			6 29	4 79	Well # A-1 (Dow chem. Co. R.G.C. #10) Top conc. cellar wall
T.P.	3 77	12 48	2 37	8 71	1 x 2
			4 54	7 94	2" I.P., Int. ℄ Mole #2 & W'ly. Bdry.
C-4					Well # C-4 (Ohio Oil Co. R.G.C. #2)
C-3					Well # C-3 (Ohio Oil Co. R.G.C. #1)
T.P.	6 88	13 45	5 91	6 57	
				7 67	50' W'ly. from C-3, Set S.&T., flush
T.B.M.			5 07	8 38	T.B.M., el. = 8.38, F.B. 2224-?

F. B. 2380 Pg. 116 | Job No. 8910.02 | Division No. 10 | Notes Red. | Plotted | Profile
Survey of Marina Del Rey | Date | Date | No. | X-Sec.
Survey by English | Notes Ed. | Notes Chkd. | Checked
Indexed C. Johnson | Date | Date | Date | No.

76L298 307 8-53

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Do not extend notes this side of this line.

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

STATION	B. S.	H. I.	F. S.	ELEV.	
C-6					Well #C-6, (Ohio Oil Co.-Dickinson #1)
C-9					Well #C-9, (Ohio Oil Co.-Dickinson #2)
C-10					Well #C-10, (Calstar Petroleum Co.-#V-3
C-11					Well #11, (P.H. & B. Oil Co. - #7)
T.B.M.				8 38	T.B.M., el = 8.38, F.B. 2224-213
fd. B.M. Rey #35	6 69	15 59		8 90	B.M. Rey #35, el = 8.90, F.B. 1843-145 (#16 = F-3)
F-2			9 63	5 96	Well # F-2, (Ohio Oil Co.-R.G.C. #15) Top conc. cellar wall
D-5			9 80	5 79	Well # D-5, (Ohio Oil Co.-R.G.C. #14) Top Conc. cellar wall
F-1			9 82	5 77	Well # F-1, (Ohio Oil Co.-R.G.C. #12) Top conc. cellar wall
F4			9 70	5 89	Well # F-4, (Ohio Oil Co.-R.G.C. #17) Top conc. cellar Wall
B-1			9 59	6 00	Well # B-1, (Ohio Oil Co.-R.G.C. #13) Top conc. cellar wall

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8910.02 Division No. 10 F. B. 2380 Pg. 117
X-Sec. No. ____ Date ____ Date ____ Survey of Marina Del Rey
Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 1-59
Date ____ Date ____ Map No. ____ Index [illegible] C. Johnson Date

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
F-3		15 59	9 04	6 55	Well #F-3, (Ohio Oil Co.-R.G.C.-#16) Top conc. cellar wall
T.P.	5 47	11 47	9 59	6 00	conc.
"	2 88	12 51	1 84	9 63	1x2
"					
G-1			6 32	6.19	Well # G-1 (Ohio Oil Co R.G.C. #19) S.W. Cor of Conc. cellar wall
T.P.	6 21	17 21	1 51	11 00	
	1 83	13 67	5 37	11 84	
C-5			7 26	6 41	Well # C-5 (Ohio Oil Co D.R.L. & W #2) S.W. Cor. of 8'x8' Conc. box
T.P.	6 30	13 53	6 44	7 23	
"	3 54	11 17	5 90	7 63	
"	5 40	12 52	4 05	7 12	
"	4 99	12 50	5 01	7 51	
A-2	7 68	15 83	4 35	8 15	Well # A-2 (Vulcan Oil Co. D.R. #1) (N.E. Cor. conc. cellar wall)
B.M. Fnd Rey 31			4 48	11 35	B.M. Rey 31, El. = 11.291 (F.B. 1843-116
B.M. Fnd. Rey 17				10 05	B.M. Rey 17 El = 10.048 F.B. 1843-105
B-2					Well # B-2 (Ohio Oil Co Howland #1)

F. B. 2380 Pg. 118 | Job No. 8910.02 | Division No. 10 | Notes Red. | Plotted | No. | Profile
Survey of Marina Del Rey | Date | Date | X-Sec.
Survey by Eugalish Notes Ed. | Notes Chkd. | Checked | No.
Indexed C. Johnson | Date | Date | Date

Notes Ck'd by	Survey of Marina Del Rey	F.B. 2380 Pg. 119
Map No.	JN 0021.16 Tape 0117 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 1-59	
Date	Indexed A. C. Johnson 1-22-59	

MARINA DEL REY
J.N. 0021.16

CENTERLINE
PACIFIC ELECTRIC
RAILWAY

FROM:
LINCOLN BLVD.
TO:
WASHINGTON ST.

Jan. 1959
English
Landa
Wallace
Foulger
Dupuis

Ref: F.B. 1843
F.B. 2224

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3088 CE #247—3-57

RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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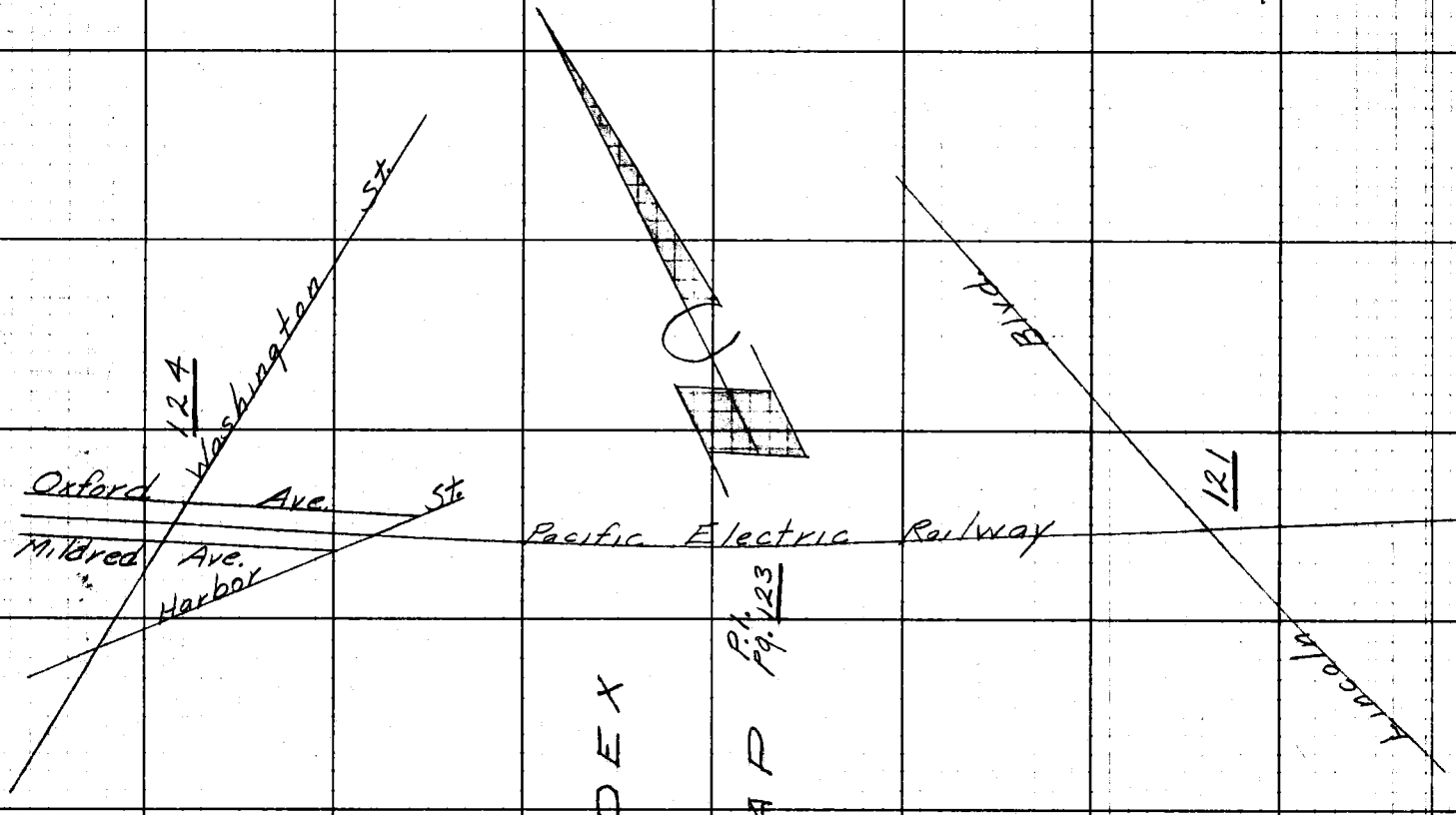


INDEX MAP

P.L. Pg. 123

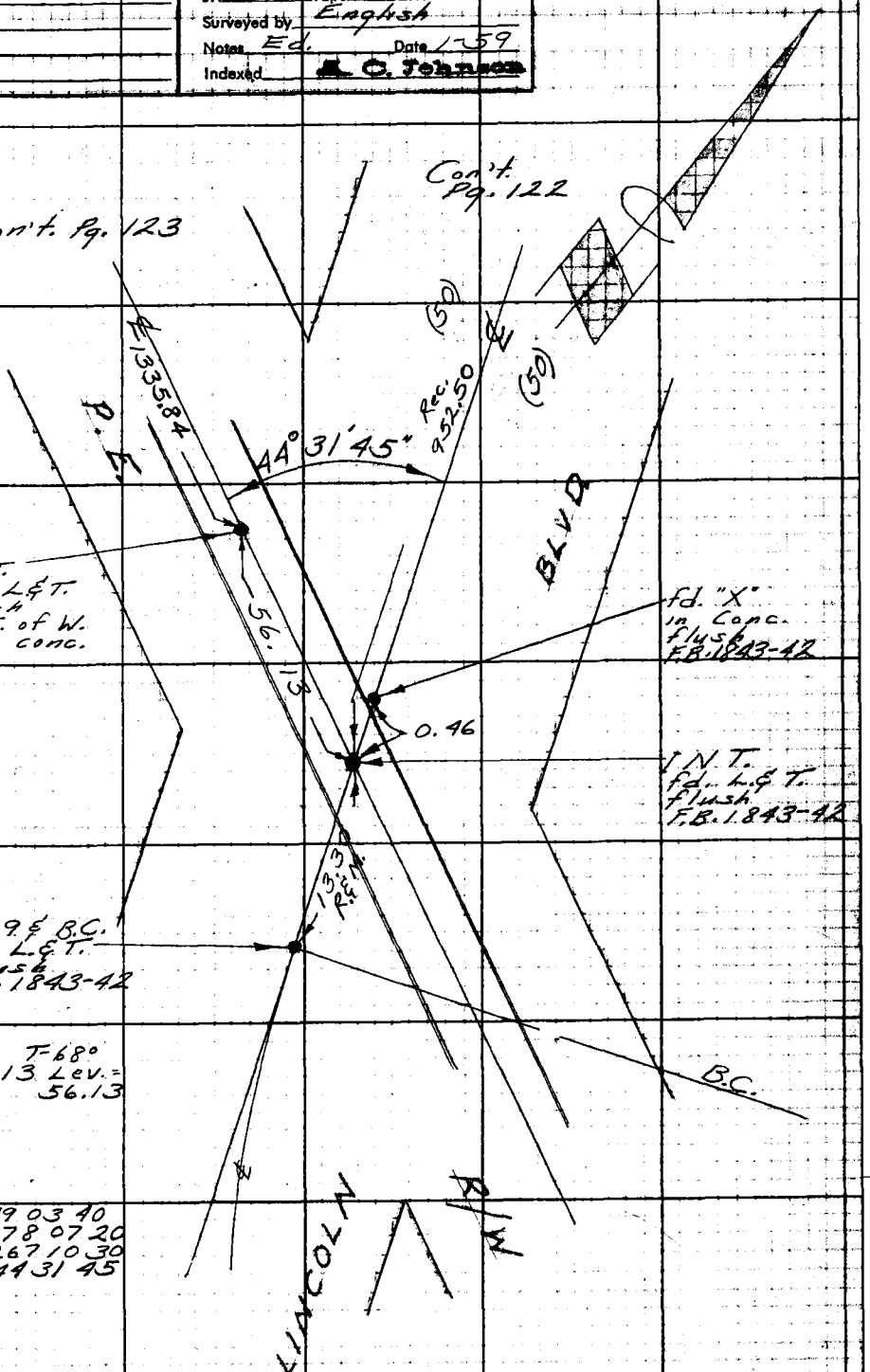
F.B. 2380 Pg. 120

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

Survey of Marina Del Rey
JN 0021.16 Tape 0117 Std 68 °F
Surveyed by English
Notes Ed. Date 1-59
Indexed A. C. Johnson

F. B. 2380 PG. 121

W.S. 23-B3



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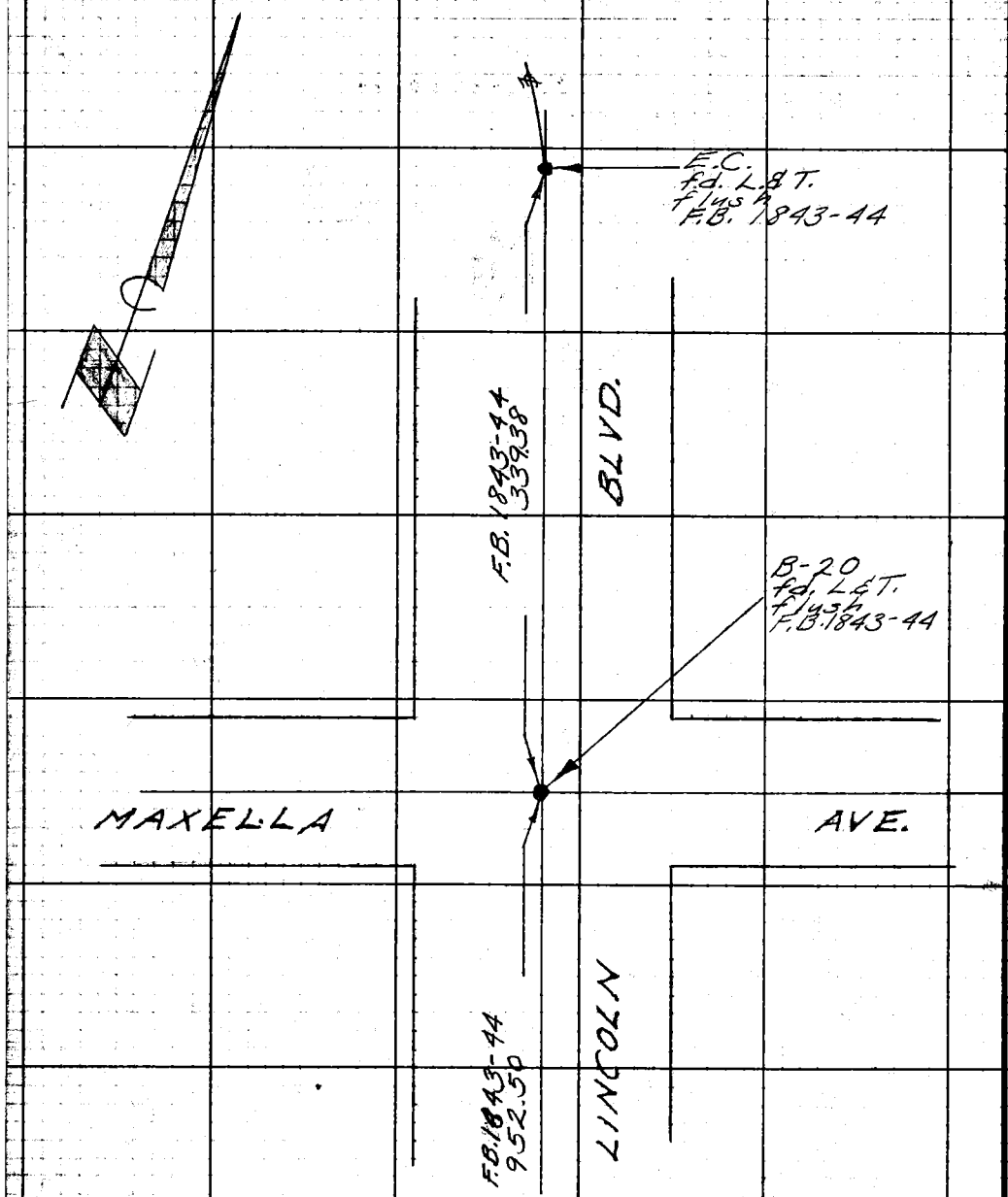
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

7673088 CE #247—3-57

F. B. 2380 Pg. 122



Con't. Pg. 121

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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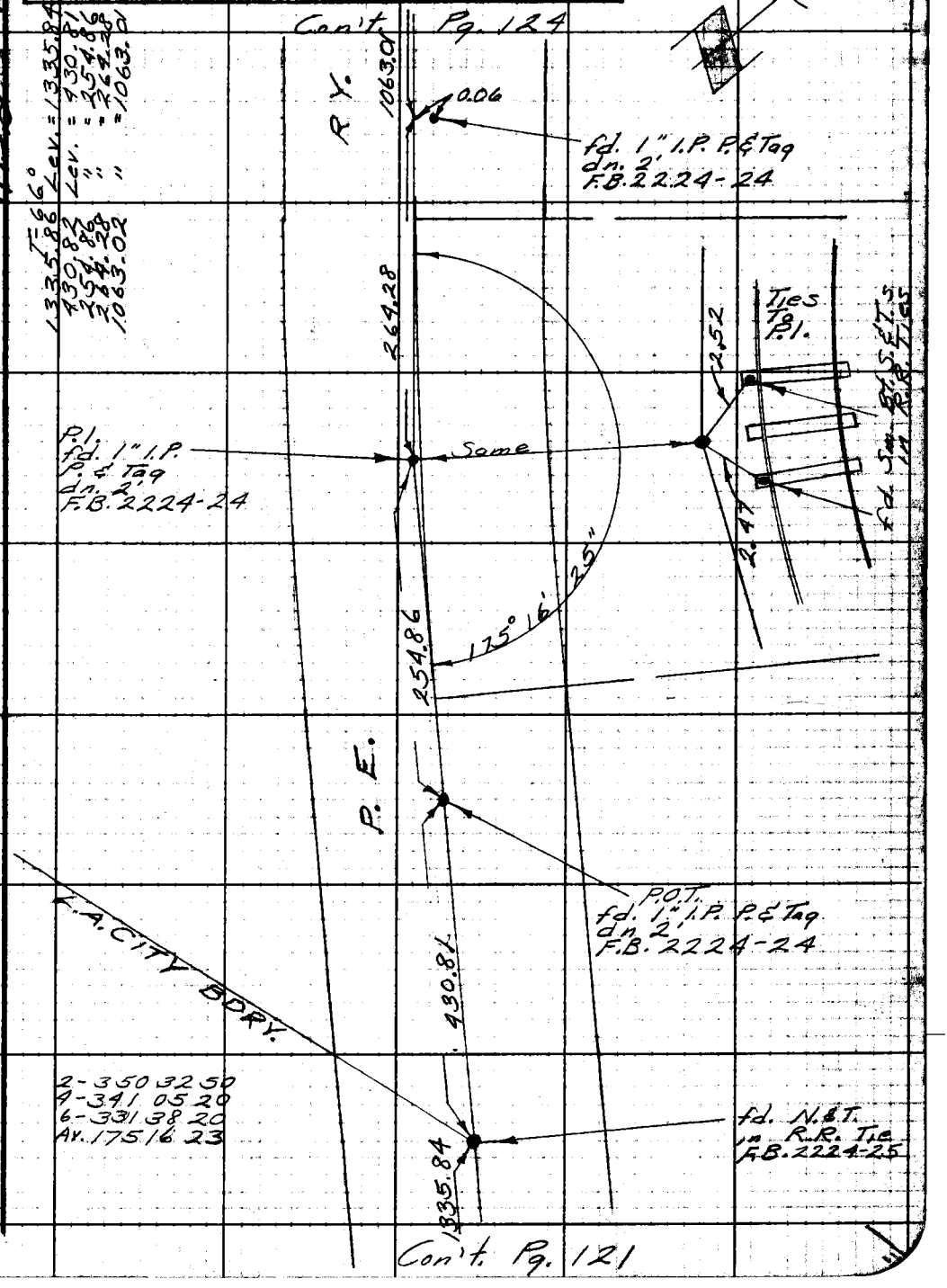
Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 0021.16 Tape 0117 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 1-59
Date	Indexed A. C. Johnson

F.B. 2380 Pg. 123



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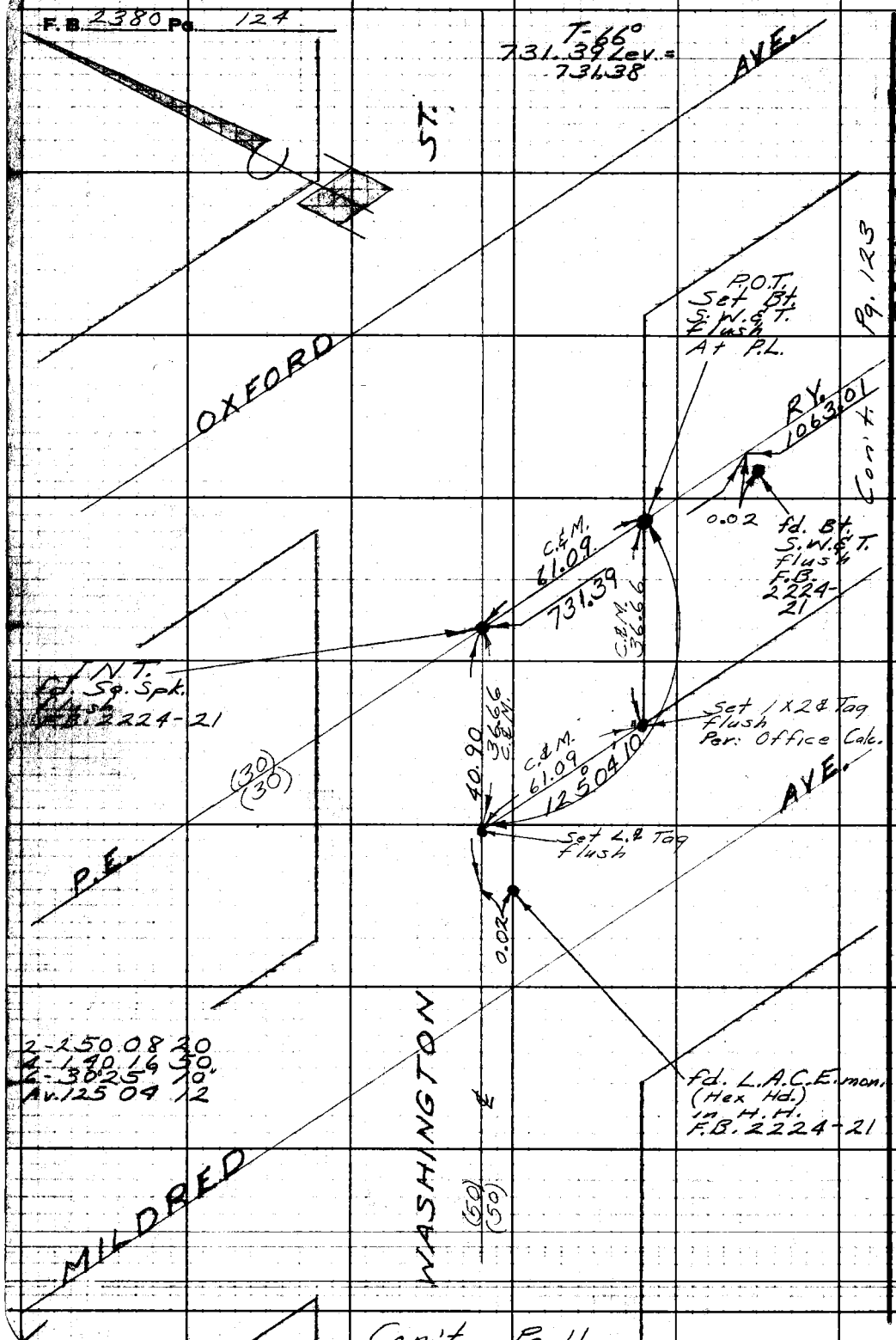
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57



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Notes Ck'd by	Survey of Marina Del Rey	F.B. 2380 Pg. 125
Map No.	JN 8910.72 Tape Std °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 2-59	
Date	Indexed A. O. Johnson 2-24-59	

MARINA DEL REY

J.N. 8910.72

MOLE & TIES

Feb. 1959
English
Landa
Foulger
Wallace
Dupuis

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RETURN TO
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76F3OBS CE #247—3-57

F. B. 2380 Pg. 126

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Mole & Ties:

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2	128 & 204
3	129 & 205
4	130 & 131
5	210
6	208 & 209

RETURN TO
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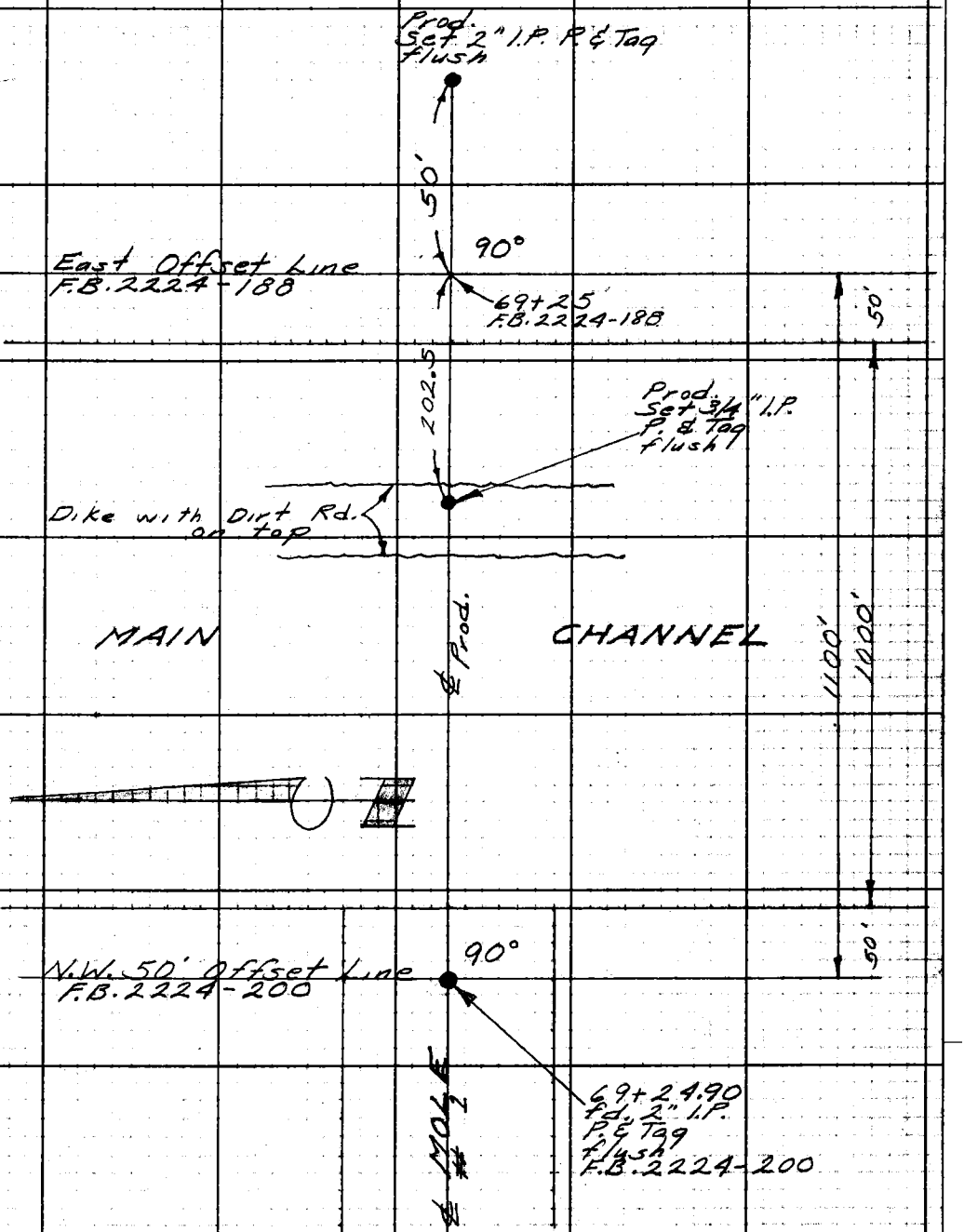
Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.72 Tape 0117 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 2-59
Date	Indexed J. O. Johnson

F.B. 2380 Pg. 127



Con't. Pg. 45

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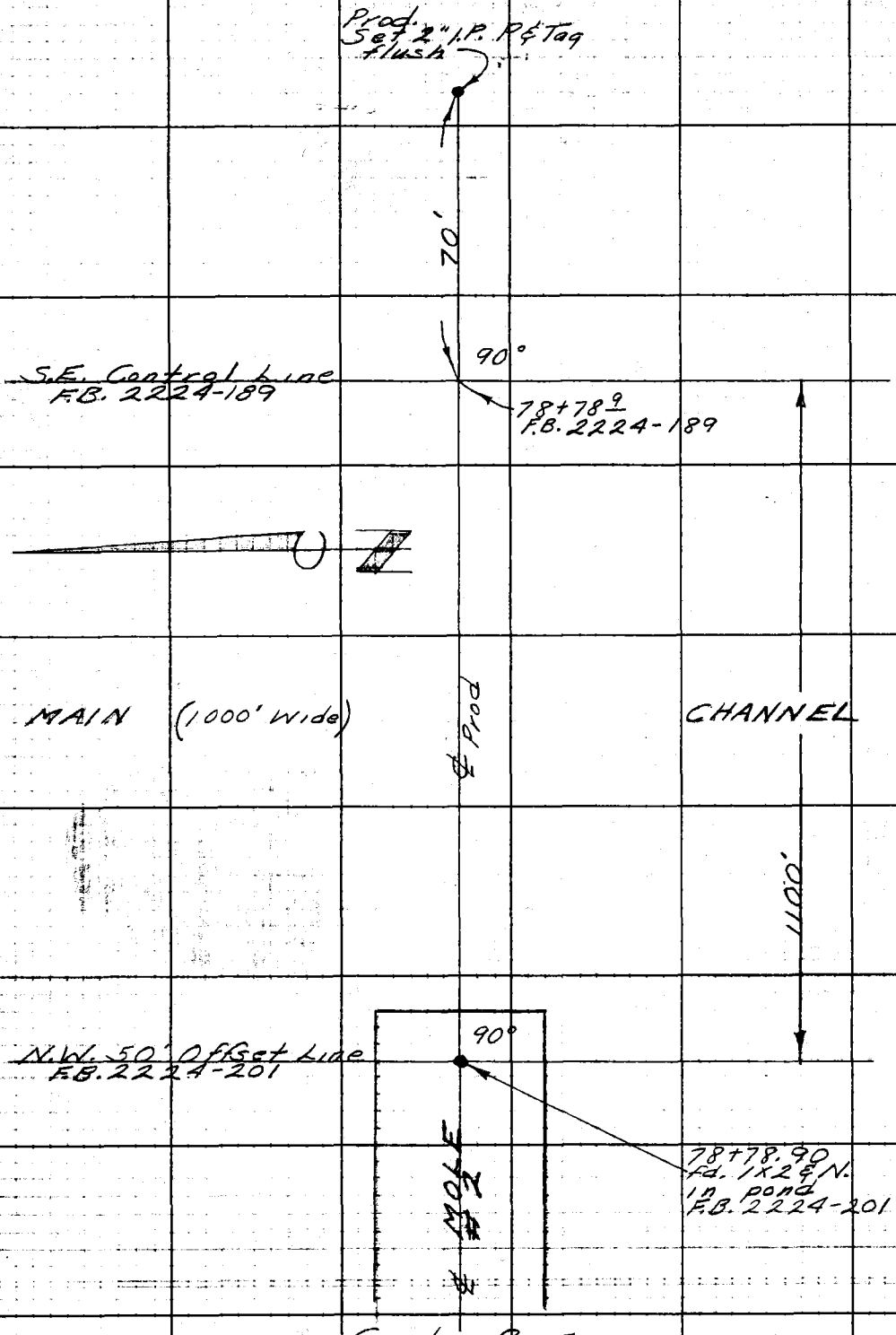
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F. B. 2380 Pg. 128



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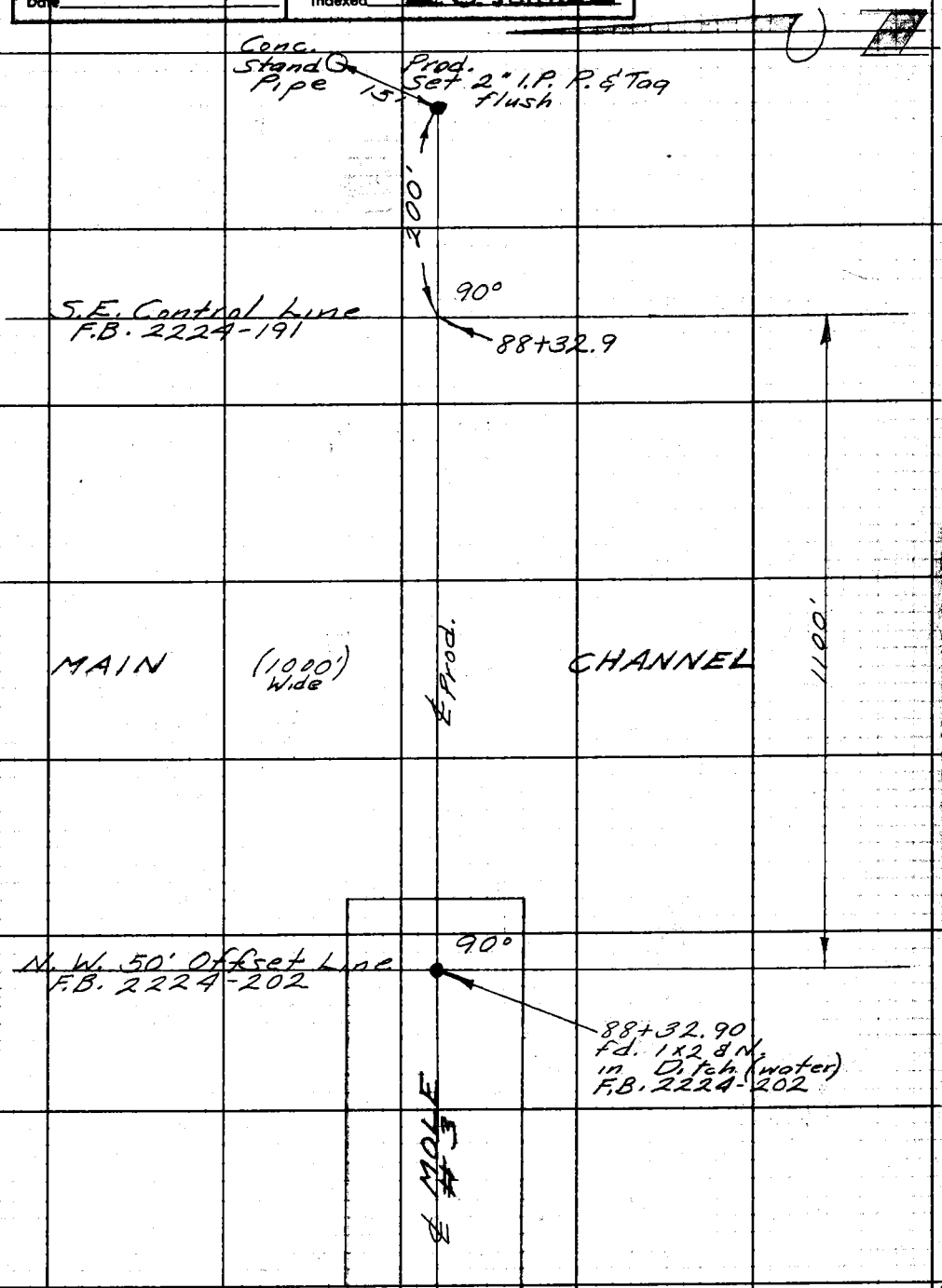
Con't. Pg 37

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.72 Tape 0117 Std 68° °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 2-59
Date	Indexed J. C. Johnson

F. B 2380 Pg. 129



Con't Pg. 136

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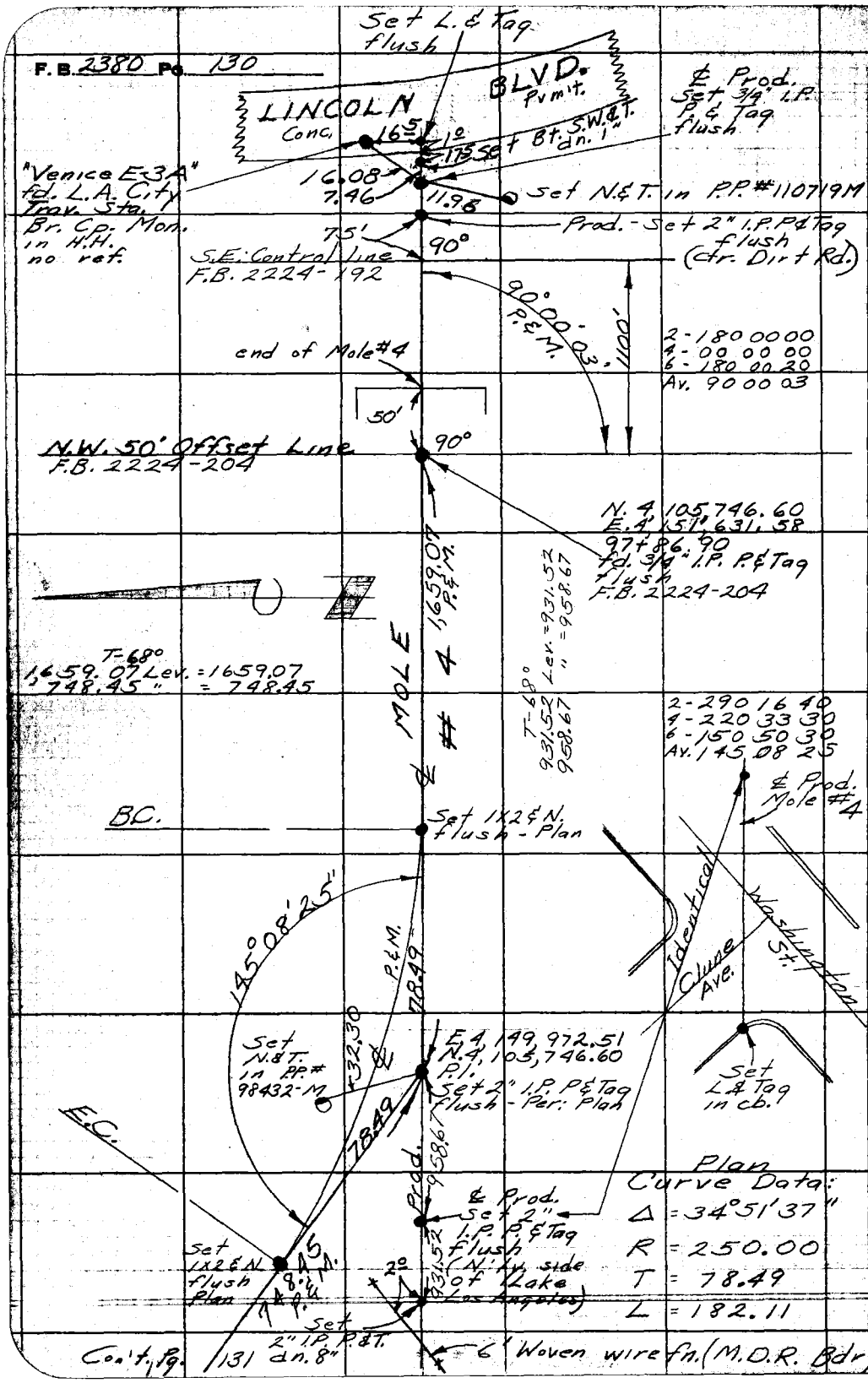
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247 3-57



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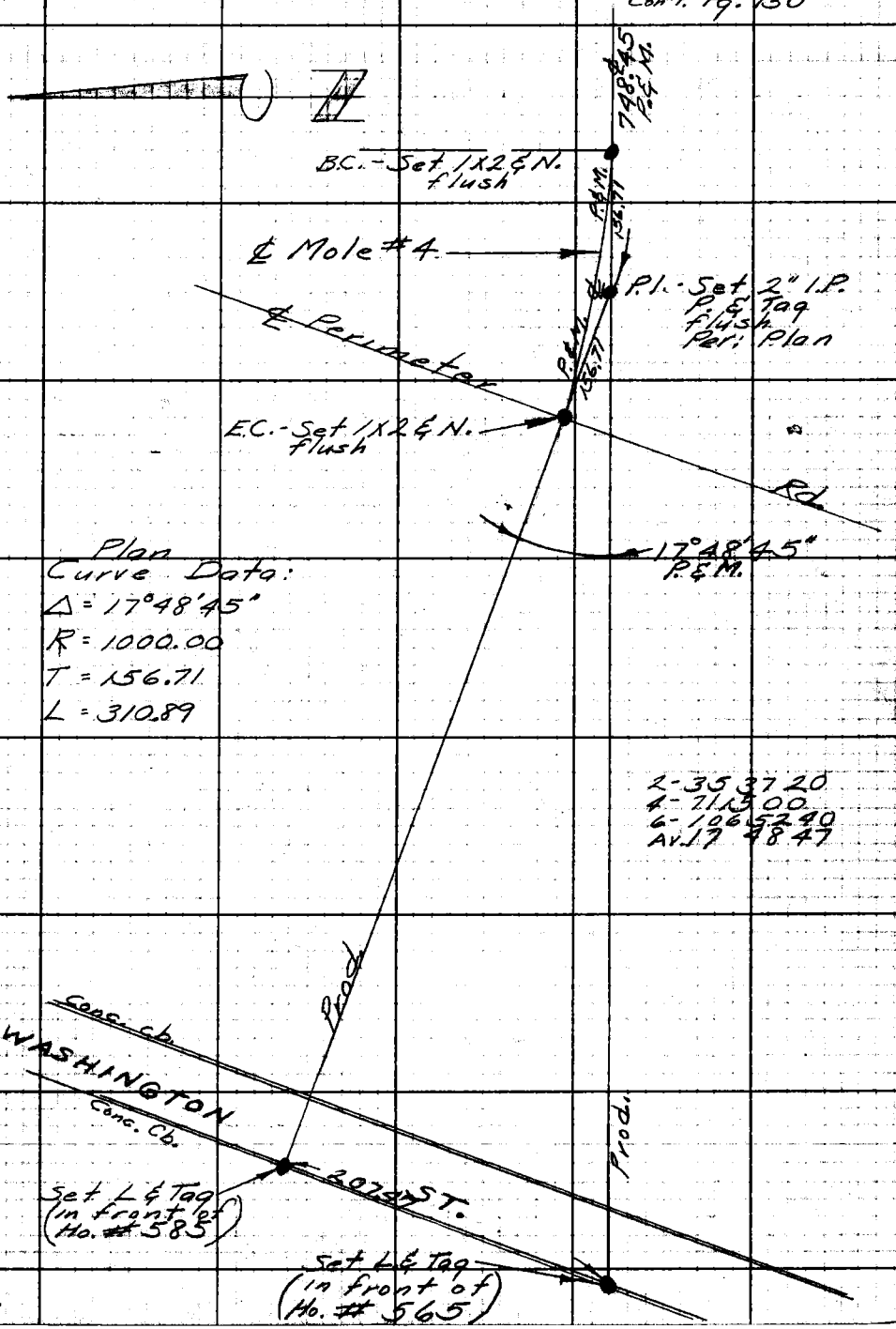
Notes Ck'd by	Survey of Marina Del Rey	F. B. 2380 Pg. 131
Map No.	JN 8910.72 Tape 0117 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 2-59	
Date	Indexed K. C. Johnson	

Con't. Pg. 130



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76F3088 CE #247—3-57

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Notes Ck'd by	Survey of Marina Del Rey	F. B. 2360 Pg. 133
Map No.	JN 8910.02 Tape Std °F	
Office Work	Surveyed by English	M.L.L.W. Elev.s
Checked	Notes Landa Date 1-59	
Date	Indexed J. C. Johnson 2-26-59	

— FOR CONTRACTOR —

OIL WELL ABANDONMENT
RE-ENTERING & RE-ABANDONMENT
GROUP II

J.N. 8910.02

For Elev. see Page 119-118

NAME OF WELL	ELEV.	DESCRIPTION
C-8 Union Oil #2		
C-7 " " #1		
D-1 Ohio Oil #3	4.81	Top of Conc. Cellar Wall
E-1 " " #4	4.66	" " " " "
D-4 " " #8	4.35	" " " " "
D-3 " " #6	4.15	" " " " "
E-2 " " #11	5.56	" " " " "
C-1 Dow Chem. #7	4.40	" " " " "
D-2 Ohio Oil Co #5	3.42	" " " " "
C-2 Dow Chem. #9	3.48	" " " " "
A-1 " " #10	4.79	" " " " "
C-4 Ohio Oil #2		
C-3 " " #1		
C-9 Ohio Oil - Dickinson #2		
C-11 P.H.&B. Oil #7		
C-10 Calstar Ref. #V-3		
C-6 Ohio Oil Co #1		
D-5 " " #14	5.79	Top of Conc. Cellar Wall
F-2 " " #15	5.96	" " " " "
F-3 " " #16	6.55	" " " " "
A-2 Vulcan Oil #1	8.15	" " " " " N.E.
F-1 Ohio Oil #12	5.77	" " " " "
F-4 " " #17	5.89	" " " " "
B-1 " " #13	6.00	" " " " "
B-1 " " #18	6.19	" " " " " S.W.
C-5 " " D.R.I. #2	6.41	" " " " " S.W.
B-2 Ohio Oil Howell #1		

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

Do not extend notes this side of this line.

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

78FS098 CE #247—3-57

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 002116 Tape 0117 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 2-27-58
Date	Indexed L. C. Johnson 3-4-59

F. B. 2380 Pg. 135

MARINA DEL REY

J.N. 002116

SURVEY OF
BEACH CONTROL LINE
FROM: N-10
TO: N-11

Feb. 1959
English
Landa
Foulger
Wallace
Dupuis

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

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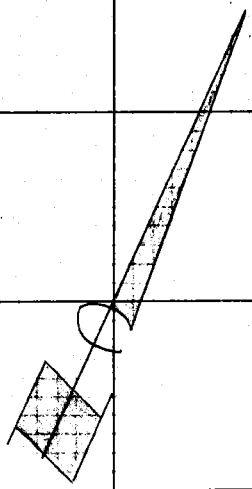
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

78F309S. CE #247—3-57

F. B. 2380 Pg. 136²



INDEX MAP

N-11

51st Ave.

52nd Ave.

53rd Ave.

54th Ave.

55th Ave.

56th Ave.

57th Ave.

58th Ave.

59th Ave.

60th Ave.

BEACH CONTROL LINE

PACIFIC AVE.

BALLONA CREEK
(L.A. Co. F.C. Channel)

62nd Ave.

63rd Ave.

N-10

RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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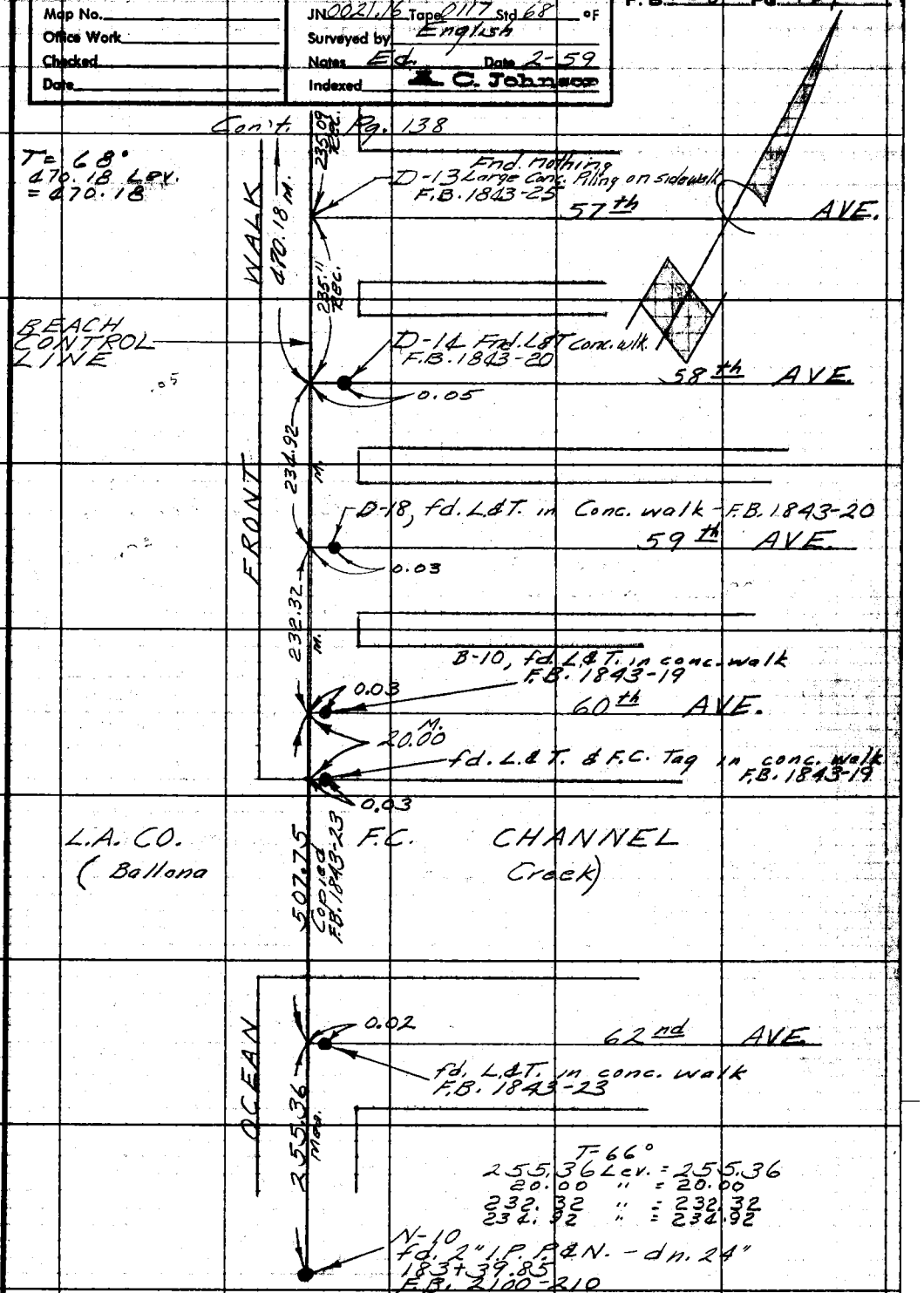
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 0021.16 Tape 0117 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 2-59
Date	Indexed A. C. Johnson

F. B. 2380 Pg. 137



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

76F309S CE #247—3-57

F.B. 2380 Pg. 138 4

BEACH CONTROL LINE

N-11 Fd. Br. Tablet Set in conc. - dn. 12" in H.H. - F.B. 2100-211 211+91.10

WALK

210.47

Fnd L&T. in Conc. walk

52nd AVE.

FRONT

235.02 235.03 m.

Fnd L&T in conc walk

53rd AVE.

234.94 m

Fnd L&T in Conc. walk

54th AVE.

0.03

OCEAN

235.02 m

B-9 Fnd L&T in Conc. walk F.B. 1823-26

55th AVE.

0.03

235.02 B.C.

D-4 Fnd L&T in Conc. wlk. F.B. 1823-26

56th AVE.

0.01

479.18

235.09 B.C.

T = 6.2'
235.03 Lev = 235.02
234.95 " = 234.94
235.04 " = 235.03

Con't.

Pg. 137

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

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Profile No.	Notes Red.	Plotted	Job No. 8910.01	Division No. 10	F. B. 2380 Pg. 139
	Date	Date	Survey of Marina Del Rey		
X-Sec. No.	Notes Chkd.	Checked	Survey by English	Notes Ed.	Date 3-59
	Date	Date	Map No.	Indexed C. Jon[illegible]	3-19-59

MARINA DEL REY

J.N. 8910.01

ELEVATIONS:
POSSIBLE DISPOSAL
SITE FOR DREDGED
MATERIAL

(H. HUGHES PROPERTY)

STATION	B. S.	H. I.	F. S.	ELEV.
		Landa Foulger Wallace Dupuis	March 13, 1959 English	

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 SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

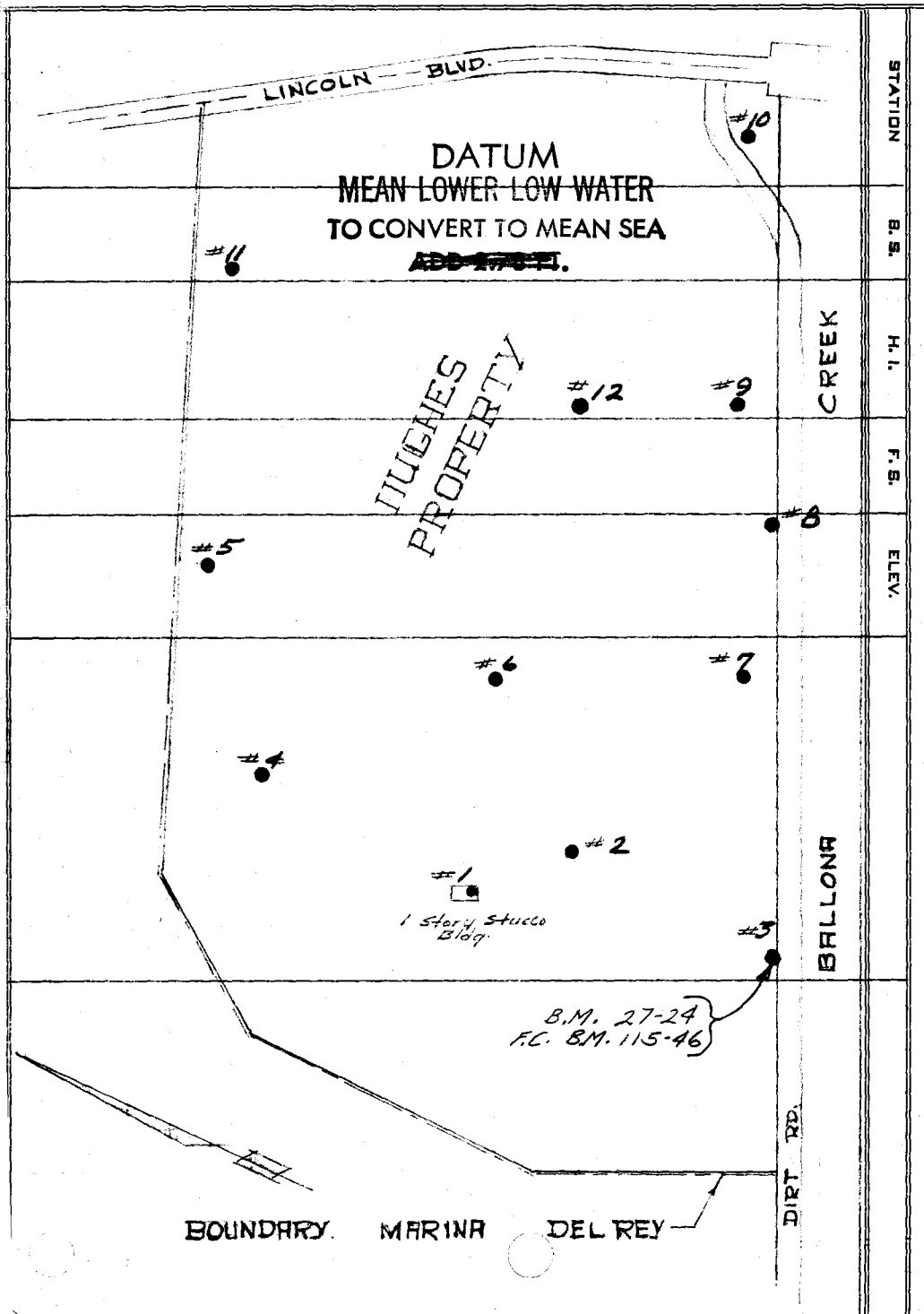
76L298 S & E #307 9-54

F. B. 2380 Pg. 140 | Job No. 891001 | Division No. 10 | Notes Red. | Plotted | Profile

Survey of Marina Del Rey | Date | Date | No.

Survey by English | Notes Ed. | Notes Chkd. | Checked | X-Sec.

Indexed C. Johnson | Date | Date | Date | No.



761298 S & E #307 9-84

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
~~ADD 2.70 FT.~~

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
fd.					(F.C. B.M. 115-46)
B.M. 27-24	7 19	18 15		10 962	B.M. 27-24, el.=10.962, F.B. 1393-22 Ballona Creek N'ly side & 600' Upstream from pipe line bridge at Falmouth Ave., A Std. F.C. Mon.
#1			7 38	10 77	ground el. + 15^{7} = 26^{5} elev., set N.&T. S.E. cor. stucco Bldg. 15^{7} above ground
#2			5 66	12 49	Conc. base, "Del Rey #14" Oil well +17^{5} = 30' elev. set lath & flag, Top of pump
#3			0 05	18 1	B.M. 27-24, set lath & flag 7^{1} above ground
T.P.	3 30	15 79	5 66	12 49	
#4			7 5	8 3	ground el., +14^{0} = 22^{3} el., set lath & Flag in radar pole.
#5			7 8	8 0	ground el., +10^{0} = 18^{0} el., set lath & Flag in radar pole.
#6			7 1	8 7	ground el., +18^{8} = 27^{5} el., Set lath & Flag in radar pole
T.P.	7 50	16 16	7 13	8 66	T.P.
#7			4 8	11 3	ground el., +18^{7} = 30^{0} el., Set lath & Flag in power pole
#8			5 1	11 0	ground el., +8^{6} = 19^{6}, set marker & flag up 8^{6}
#12			4 15	12 0	ground el., +18^{0} = 30' el., Set 2x4, lath & Flag
T.P.	4 62	16 63	4 15	12 01	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 891006 Division No. 10 F.B. 2380 Pg. 141
X-Sec. No. ____ Date ____ Date ____ Survey of Marina Del Rey
Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 3-59
Date ____ Date ____ Map No. ____ Index C. Johnson

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

STATION	B. S.	H. I.	F. S.	ELEV.	
#9		16 63	3 7	12 9	ground el. +17'= 30' [illegible] marker & flag Up 17'.
fd. B.M. 27-26	4 46	16 63	4 46	12 17	(F.C. 115-225A) B.M. 27-26, el = 12.194, F.B. 1393-23
T.P.	2 25	12 10	6 78	9 85	
#11			4 20	7 9	ground el. +13° = 20° el. Top of Sign Board (Auto Adver.)
T.P.	12 30	24 00	0 40	11 70	
#10			4 0	20 0	Set 1x2-flush, with flag marker, West of Lincoln Blvd. & North of Culver Blvd.
T.P.	3 10	15 00	12 10	11 90	
fd. B.M. 27-30			1 70	13 30	B.M. 27-30 (City of L.A.), el = 13.308, F.B. 1393-25 Culver Blvd. & Roosevelt Hwy. in the P.E. Railway bridge over Roosevelt Hwy. A disk in the S. face N. end of pier.

F. B. 2380 Pg. 142 Job No. [illegible] Division No. 10 Notes Red. Plotted
Survey of Marina Del Rey Date Date No.
Survey by English Notes Ed. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.
Profile

Profile No.	Notes Red.	Plotted	Job No. 002116	Division No. 10	F. B. 2380 Pg. 143
	Date	Date	Survey of Marina Del Rey		
X-Sec. No.	Notes Chk. C. R. GOSS	Checked	Survey by English	Notes Ed.	Date 4-59
	Date	Date	Map No.	Indexed C. Johnson	Date 4-10-59

MARINA DEL REY

J.N. 0021.16

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
~~ADD 2.78 FT.~~

ELEVATIONS:

PERIMETER OF
ENTRANCE &
MAIN CHANNEL

STATION	B. S.	H. I.	F. S.	ELEV.
		Ref: F.B. 2224		

March 30, 1959
English
Landa
Foulger
Wallace
Dupuis

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 SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

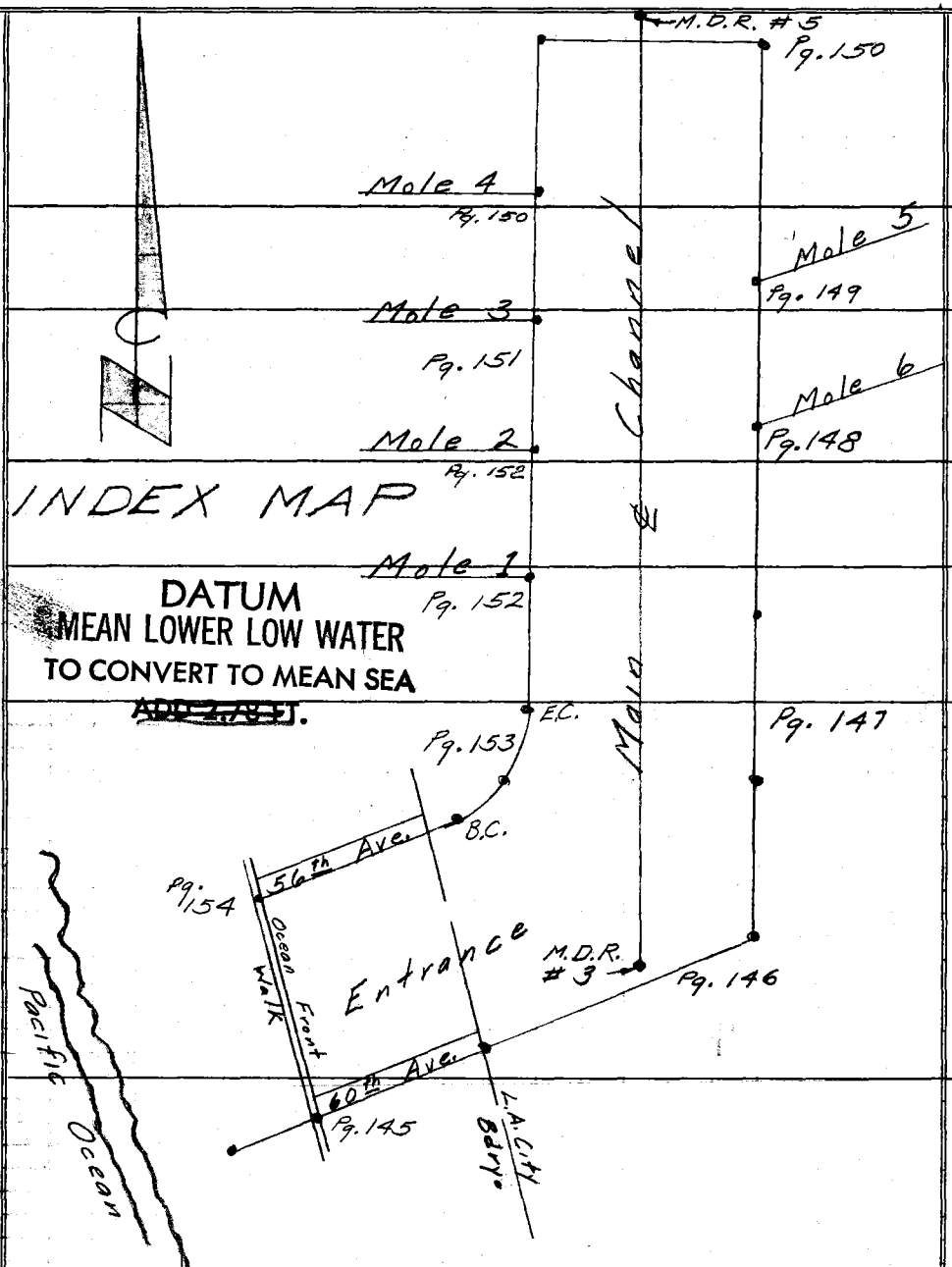
761298 307 8-53

F. B. 2380 Pg. 144 Job No. 0021.16 Division No. 10 Notes Red. Plotted Profile

Survey of Marina Del Rey Date Date No.

Survey by English Notes Ed. Notes Chkd. Checked X-Sec.

Indexed C. Johnson Date Date Date No.



76L298 307 8-53

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.	S.E. Offset	Line
fd. B.M. 27-17	0 22	19 ~~95~~ 91		19 ~~73~~ 69	(B.M. Q767, U.S.C.&G.S. 19.69) B.M. 27-17, el.= 19.728	19 19570 ft. M.L.L.W., F.B. 1843-164
T.P.	3 65	16 ~~76~~ 72	6 84	13 ~~11~~ 07	Pacific Ave. Bridge	over Ballona Creek
T.P.	3 99	17 ~~10~~ 06	3 65	13 ~~11~~ 07	N.W. end, A std.	Br. Disk
T.P.	4 30	16 ~~82~~ 18	5 18	11 ~~92~~ 88		
F.C. FND. B.M. 115-214	5 31	16 ~~36~~ 32	5 17	11 ~~05~~ 01	NO REF. P.R.#39	
N. 4,098,731.38 E. 4,149,719.21	4 52	16 ~~49~~ 45	4 39	11 ~~97~~ 93	fd. L&Tag P.R.#40 in boulder,	F.B. ~~[illegible]~~ 35
N. 4,098,827.42 E. 4,149,894.64			4 72	11 ~~77~~ 73	" " P.R.#41	" "
N. 4,098,923.46 E. 4,150,070.07			4 45	12 ~~04~~ 00	" " P.R.#42	" "
16+ 97 75	4 16	18 ~~57~~ 53	2 08	14 ~~41~~ 37	" " P.R.#43	" "
17+00			4 37	14 ~~20~~ 16	" " " "	" "
18+00			4 92	13 ~~65~~ 61	" 3/4" I.P.	" "
19+00	3 75	20 ~~56~~ 52	1 76	16 ~~81~~ 77	" "	" 236
20+00	4 57	20 ~~86~~ 82	4 27	16 ~~29~~ 25	" "	" "
21+00			4 46	16 ~~40~~ 36	" "	" "
T.P.	5 71	22 ~~41~~ 37	4 16	16 ~~70~~ 66	"	
23+00			4 81	17 ~~60~~ 56	" "	" "
24+00			4 94	17 ~~47~~ 48	" "	" "
25+00			4 72	17 ~~69~~ 65	" "	" "
26+00	2 34	19 ~~97~~ 93	4 78	17 ~~63~~ 59	" "	" 237
27+00			3 73	16 ~~24~~ 20	" "	" "
27+ 46.28	4 01	18 ~~40~~ 36	5 58	14 ~~39~~ 35	" 2" I.P., ∡ Pt.	P.R.#43-A

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA

Profile Notes Red. ____ Plotted ____ Job No. 0021.16 Division No. 10 F.B. 2380 Pg. 145
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chk. G. R. GOSS Checked ____ Survey by English Notes Ed. Date 3-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76L298 307 8-53

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Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red. ____ Date ____ Notes Ch. G. R. GOSS

Division No. 10 Job No. 0021.16

Survey of MARINA DEL REY Notes FULLER

Survey by ENGLISH Date ____

Index C. Johnson

F.B. 2380 Pg. 146

STATION	B. S.	H. I.	F. S.	ELEV.	S.E. Offset	Line
28+00	–	18 ~~40~~ 36	5 57	12 ~~83~~ 79	fd. 3/4" I.P.	F.B. 2224-237
29+00			5 61	12 ~~79~~ 75	" " "	" " "
30+00	5 11	18 ~~43~~ 39	5 08	13 ~~38~~ 28	" " "	" " "
31+00			4 65	13 ~~28~~ 24	" " "	" " "
32+00			4 90	13 ~~53~~ 49	" " " ~~ADD 2.48 ft.~~	" " -238
33+00	4 27	18 ~~48~~ 44	4 22	14 ~~21~~ 17	" " "	" " "
34+00			4 58	13 ~~86~~ 86	" " "	" " "
35+00			5 25	13 ~~24~~ 19	" " "	" " "
36+00	4 37	~~18 03~~ 17 99	4 82	13 ~~66~~ 62	" " "	" " "
37+00			4 50	13 ~~62~~ 49	" " "	" " "
38+00			5 65	12 ~~26~~ 34	" " "	" " "
39+00	4 93	~~18 01~~ 17 97	4 95	13 ~~00~~ 04	" " "	" " "
40+00			5 03	12 ~~96~~ 92	" " "	" " "
M-39	5 27	18 ~~18~~ 14	5 10	12 ~~87~~ 87	M.D.R. #3 FND. STD. C.E. BR. CP. MON.	F.B. 2224-43
41+00			4 83	13 ~~36~~ 36	FND. 3/4" I.P.	F.B. 2224-238
42+00			4 89	13 ~~29~~ 25	" " "	" " "
43+00	5 26	17 ~~63~~ 59	5 81	12 ~~97~~ 94	" " "	" " -185
44+00			5 16	12 ~~47~~ 43	" " "	" " "
45+00			4 92	12 ~~71~~ 67	" " "	" " "
46+00			5 20	12 ~~43~~ 39	" " "	" " "
47+00			5 03	12 ~~60~~ 56	" " "	" " "
47+08.06	3 59	16 ~~08~~ 04	5 14	12 ~~49~~ 45	FND. 2" I.P., ¼ PT. M-40	" "

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA

76L298 307 8-53

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	E. OFFSET	LINE
48+00		16 ~~08~~ 04	4 54	11 ~~54~~ 50	FND. 3/4" I.P.	F.B. 2224 - 185
49+00			5 05	10 ~~03~~ 99	" "	" " "
50+00			5 37	10 ~~71~~ 67	"	" "
51+00	0 80	10 ~~71~~ 67	6 17	9 ~~91~~ 87	"	" - 186
52+00			5 89	4 ~~82~~ 78	" "	" " "
53+00	9 15	13 ~~95~~ 91	5 91	4 ~~80~~ 76	" " "	" " "
54+00			9 07	4 ~~88~~ 84	" " "	" " "
55+00			8 70	5 ~~25~~ 21		
55+80.21	4 98	10 ~~31~~ 27	8 62	5 ~~33~~ 29	FND. 2" I.P. M-41	" " "
56+00			5 02	5 ~~25~~ 25	" 3/4 "	" " "
57+00			4 75	5 ~~56~~ 52	" " "	" " "
58+00			4 87	5 ~~44~~ 40	" " "	" " "
59+00	4 96	10 ~~26~~ 21	5 02	5 ~~30~~ 25	" " "	" " - 187
60+00			3 08	7 ~~17~~ 14	" " "	" " "
61+00			4 94	5 ~~31~~ 27	FND. 1"X2" & NAIL	" " "
62+00	4 95	10 ~~08~~ 04	5 12	5 ~~13~~ 09	" " "	" " "
63+00			4 86	5 ~~22~~ 18	" " "	" " "
63+99 78			4 79	5 ~~25~~ 25	" " "	" " "
65+00	4 50	9 ~~89~~ 85	4 69	5 ~~34~~ 35	" " "	" " "
66+00			4 66	5 ~~33~~ 19	" " "	" " 188
67+00	4 75	10 ~~38~~ 34	4 26	5 ~~60~~ 60	" " "	" " "

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN S.L.A.
~~ADD 2.78 FT.~~

Profile No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 0021.16 Division No. 10 F. B. 2380 Pg. 147
X-Sec. No. ____ Date ____ Notes Chk. R. GOSS Checked ____ Date ____ Survey of MARINA DEL REY Survey by ENGLISH Notes FOULKER Date 3-59 Map No. ____ Index ____ Chief C. John Dorr

76L298 307 8-53

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	S.E. Control	Line
68+00 88		10 ~~38~~ 34	2 41	7 ~~97~~ 93	fd. 1X2 & N. (N. side of canal)	F.B. 2224-188
69+00			5 08	5 ~~30~~ 26	" 2X2 "	" "
69+09 86	M-42		5 25	5 ~~13~~ 09	" 2" I.P. P.& Tag	"
fd. B.M. Rey #21			5 00	5 ~~38~~ 34	B.M. Rey #21, el.= 5.399,	F.B. 1843-123 (For location F.B. 1843-67)
	3 93	9 ~~33~~ 29		5 ~~40~~ 36		
70+00			6 02	3 ~~31~~ 27	fd. 2X2 & N.	F.B. 2224-188
71+00			4 70	4 ~~63~~ 59	" " "	" " "
72+00	8 05	12 ~~82~~ 78	4 56	4 ~~77~~ 73	" " "	" " "
73+00			7 93	4 ~~89~~ 85	" " "	" " "
74+00			7 88	4 ~~94~~ 90	" 2X2 "	" " 189
75+00	6 10	11 ~~04~~ 00	7 88	4 ~~94~~ 90	" " "	" " "
76+00			6 00	5 ~~04~~ 00	" " "	" " "
77+00			2 52	8 ~~52~~ 48	" Bt. S.W.&T.	" " "
78+00			2 30	8 ~~74~~ 70	" 1X2	" " "
79+00	4 00	9 ~~62~~ 58	5 42	5 ~~62~~ 58	" "	" " "
80+00			4 03	5 ~~59~~ 55	" "	" " 190
80+35 92	5 31	10 ~~65~~ 61	4 28	5 ~~34~~ 30	" 2" I.P., & Mole #6,	" M-43 190
81+00			5 48	5 ~~17~~ 13	" 1X2	" " "
82+00					DESTROYED	
83+00					"	

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
~~ADD 2.78 FT.~~

F.B. 2380 PG. 148 0021.16 Job No. Division No. 10 Notes Red. Plotted No. Profile
Survey of Marina Del Rey Date Date No. X-Sec.
Survey by English Notes Ed. Notes Chkd. C. R. GOSS Checked
Indexed C. Johnson 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.	S. E. Control	Line
T.P.	5 06	10 ~~85~~ 81	4 86	5 ~~79~~ 75		DATUM MEAN LOWER LOW WATER TO CONVERT TO MEAN SEA ~~ADD 2.78 FT.~~
T.P.	3 67	9 ~~10~~ 06	5 42	5 ~~43~~ 39		
86+00					DESTROYED	
87+00					"	
88+00		DESTROYED.			"	
89+00					"	
90+00					"	
91±00					"	
91+37.50	7 28	11 ~~91~~ 87	4 47	4 ~~63~~ 59	M-44 fd. 2" I.P., ℄ Mole #5,	F.B. 2224-191
T.P.	5 05	12 ~~55~~ 51	4 41	7 ~~50~~ 46		
T.P.	5 18	13 ~~87~~ 83	3 86	8 ~~69~~ 65		
T.P.	5 76	15 ~~80~~ 76	3 83	10 ~~04~~ 00		
95+00					DESTROYED	
96+00						
97+00						
98+00						
99+00						
100+00		DESTROYED				
101+00						
102±00						
103+00						

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021.16 Division No. 10 F.B. 2380 Pg. 149
X-Sec. No. ____ Date ____ Date ____ Survey of Marina Del Rey
Notes Chk'd. C. R. GOSS Checked ____ Survey by English Notes Ed. Date 3-31-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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.	S. E. Control	Line & N.W. 50' Off. Line
104+00		15 ~~80~~ 76			DESTROYED	
105+00	4 90	17 ~~34~~ 30	3 36	12 ~~44~~ 40	FND. 1X2	F.B. 2224-192
N. 4,106,573.60 E. 4,152,731.58	5 28	18 ~~37~~ 33	4 25	13 ~~09~~ 05	" 2" I.P. (N. end of S.E. Cont. Line)	M-45 " "
T.P.	4 13	16 ~~85~~ 81	5 65	12 ~~72~~ 68		DATUM
FND. T.B.M. #38	3 74	16 ~~85~~ 81	3 74	13 ~~11~~ 07	EL. = 12.979 T.B.M. #38, F.B. 1843-110	MEAN LOWER LOW WATER TO CONVERT TO MEAN SEA
fd. T.B.M. #37			4 84	~~12 01~~ 11 97	T.B.M. #37, el = 11.876, F.B. ~~1843~~ 1840	~~ADD 2.75~~ FT.
	2 89	14 ~~77~~ 73		11. ~~08~~ 44		
M.D.R. #5	3 54	15 ~~59~~ 55	2 72	12 ~~05~~ 01	M-46 fd. Std. C.E. Br. Cp. Mon., F.B. 2224-234	
T.P.	4 08	14 ~~15~~ 11	5 52	10 ~~07~~ 03		
106+13.90 N. 4,106,573.60 E. 4,151,631.58	3 47	11 ~~70~~ 66	5 92	8 ~~23~~ 19	fd. 3/4" I.P. M-47	F.B. 2224-205
T.P.	4 24	10 ~~67~~ 63	5 27	6 ~~43~~ 39		
104+00						204
103+00	DESTROYED					
102+00						
101+00			4 56	6 ~~11~~ 07	" "	" -204
100+00	4 44	10 ~~44~~ 40	4 67	~~6 00~~ 5 96	" "	" "
99+00			4 36	6 ~~08~~ 04	" "	" "
98+00			4 43	~~6 01~~ 5 97	" "	" "
97+86.90	4 74	10 ~~43~~ 39	4 75	5 ~~69~~ 65	" 3/4 I.P., ℄ Mole #4,	" M- " 48
97+00			4 39	6 ~~04~~ 00	" 1X2	" "

F. B. 2380 Pg. 150 Job No. 0021.16 Division No. 10 Notes Red. Plotted No. Profile
Survey of Marina Del Rey Date Date X-Sec.
Survey by English Notes Ed. Notes Chkd. C. R. GOSS Checked
Indexed C. Johnson Date Date No.

76L298 307 8-53

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Do not extend notes this side of this line.

N.W. 50' Offset Line

STATION	B. S.	H. I.	F. S.	ELEV.		
96+00		10 ~~43~~ 39	4.41	5 ~~6.02~~ 98	fd. 1X2	F.B. 2224-203
95+00	4 52	10 ~~49~~ 45	4 46	5 ~~97~~ 93	" "	" " "
94+00			4 69	5 ~~80~~ 76	" "	" " "
93+00			4 53	5 ~~96~~ 92	" "	" " "
92+00	4 43	10 ~~56~~ 52	4 36	6 ~~13~~ 09	" "	" " "
91+00			4 72	5 ~~84~~ 80	" "	" " "
90+00			5 61	4 ~~95~~ 91	" "	" " "
89+00			5 39	5 ~~17~~ 13	" " (UP 1.0')	" " 202
88+ 32.90			5 98	4 ~~58~~ 54	" ", ℄ Mole #3,	" " "
88+32.90	5 50	9 ~~45~~ 41	6 61	3 ~~95~~ 91	58.30 West, fd. 2" I.P.	" M- " 49 "
88+00			3 90	5 ~~55~~ 51	fd. 1X2 (UP 1.8')	" " "
87+00			4 95	4 ~~50~~ 46	" "	" " "
86+00			4 16	5 ~~29~~ 25	" " (UP 0.6)	" " "
85+00	4 04	9 ~~35~~ 31	4 14	5 ~~31~~ 27	" "	" " "
84+00			4 56	4 ~~79~~ 75	" "	" " "
83+00			4 89	4 ~~46~~ 42	" "	" " "
82+00	4 34	8 ~~92~~ 88	4 77	4 ~~58~~ 54	" "	" " "
81+00			2 63	6 ~~29~~ 25	" " (UP 1.8)	" " 201
80+00			4 68	4 ~~24~~ 20	" "	" " "
79+00			4 49	4 ~~43~~ 39	(GR. EL.)	

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
~~ADD 2.78 FT.~~

Profile Notes Red. Plotted Job No. 0021.16 Division No. 10 F. B. 2380 Pg. 151
No. Date Date Survey of Marina Del Rey
X-Sec. Notes Chk. C. R. GOSS Checked Survey by English Notes Ed Date 4-59
No. Date Date Map No. Indexed C. Johnson Date

761298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.	N.W. 50' Offset Line	
78+78.90		8 ~~92~~ 88	4 54	4 ~~38~~ 34	Grnd El. @ ℄ Mole #2,	F.B. 2224-201
51.07 West	4 48	9 ~~87~~ 83	3 53	5 ~~59~~ 35	FND. 2" I.P., (DN. 0.5") " ,	M-50 "
78+00			4 12	5 ~~75~~ 71	" 1X2	" "
77+00			3 92	5 ~~85~~ 91	" " (UP 1.5)	" "
76+00	3 04	8 ~~73~~ 69	4 18	5 ~~69~~ 65	" " (UP 1.8)	" "
75+00			2 91	5 ~~82~~ 78	" " (" 1.8)	" "
74+00			3 30	5 ~~43~~ 39	" " (" 1.4)	" 200
73+00	4 30	9 ~~90~~ 86	3 13	5 ~~60~~ 56	" " (" 1.5)	" "
72+00			4 30	5 ~~60~~ 56	" "	" "
71+00			0 71	9 ~~19~~ 15	" B.S.&T.	
70+00			5 80	4 ~~10~~ 06	" 1X2	" "
69+24.90	5 05	9 ~~18~~ 14	5 77	4 ~~13~~ 09	" 2" I.P., ℄ Mole #1 ,	M-51 " "
69+00			5 43	3 ~~75~~ 71	" 1X2 ,	" "
68+00			5 37	3 ~~81~~ 77	" "	" " "
67+00 fd. B.M.	4 89	9 ~~23~~ 19	4 84	4 ~~34~~ 30		
Rey #35			0 34	8 ~~89~~ 85	B.M. Rey #35, el. = 8.897,	F.B. 1843-145
	0 39	9 ~~29~~ 25		8 ~~70~~ 86		
66+00			5 14	4 ~~15~~ 11	fd. 1X2	F.B. 2224-199
65+00			4 96	4 ~~33~~ 29	" "	" " "
64+00			4 95	4 ~~34~~ 30	" "	" " "

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

F. B. 2380 Pg. 152 Job No. 0021.16 Division No. 10 Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No.
Survey by English Notes Ed. Notes Chk. C. R. GOSS Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	N.W. Offset Line				
63+00		9 ~~29~~ 25	4 94	4 ~~35~~ 31	fd. 1X2			F.B. 2224-199	
62+21.50			1 06	8 ~~21~~ 19	"	"		"	"
61+71.42	5 42	13 ~~32~~ 28	1 39	7 ~~96~~	"	"		"	"
61+00					DESTROYED				
E.C. 60+17.50			4 57	8 ~~75~~ 71	"	3/4" I.P.	M-52	"	"
60+00			4 80	8 ~~42~~ 38	"	"		"	198
59+00	4 76	9 ~~28~~ 24	8 80	4 ~~52~~ 48	"	2X2		"	198
58+00			4 49	4 ~~75~~ 75	"	"		"	"
57+00			6 02	3 ~~26~~ 22	"	"			
56+00			4 99	4 ~~29~~ 25	"	"			
55+75.28	4 47	8 ~~97~~ 87	4 84	4 ~~44~~ 40	"	2" I.P.	M-53	"	
55+00			4 75	4 ~~16~~ 12	"	2X2		"	197
54+00			4 53	4 ~~38~~ 34	"	"		"	"
53+00	6 00	10 ~~09~~ 05	4 82	4 ~~88~~ 85	"	"		"	"
52+00			4 78	5 ~~07~~ 27	"	"	(UP 1.0')	"	"
~~M-53-A~~			5 98	4 ~~97~~	"	1X2	P.L.	"	"
51+00			5 22	4 ~~83~~	"	2X2	(UP 0.8')	"	
50+00	2 57	7 ~~87~~ 83	4 79	5 ~~36~~ 26	"	"	" 1.0'	"	"
49+00			2 09	5 ~~78~~ 72	"	"	" 1.0'	"	"
48+00			2 93	4 ~~94~~ 90	"	"	" 0.6'	"	"
47+00	7 36	12 ~~97~~ 93	2 26	5 ~~57~~ 57	"	"	" 1.0'	"	196
46+00			6 96	5 ~~01~~	"	"	" 0.8'	"	"
45+00			7 17	5 ~~26~~ 26	"	"		"	"

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

Profile Notes Red ____ Plotted ____ Job No. 0021.16 Division No. 10 F. B. 2380 Pg. 153
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chk'd. R. GOSS Checked ____ Survey by English Notes Ed. Date 4-59
No. ____ Date ____ Date ____ Map No. ____ Index C. Johnson

76298 S & E #307—7-55

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Do not extend notes this side of this line.

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

STATION	B. S.	H. I.	F. S.	ELEV.	N.W. Offset Line	
44+00		12 ~~97~~ 93	7 59	5 ~~38~~ 34	fd. 2x2 (up 1.0')	F.B. 2224-196
43+00					Nothing set	" " "
B.C. 42+28.09	5 98	15 ~~52~~ 48	3 43	9 ~~54~~ 50	fd. 2" I.P. M-54	" " "
42+00			5 55	9 ~~97~~ 93	" 2x2	" " "
41+00			2 77	12 ~~25~~ 21	" 3/4" I.P.	" " 195
40+00	6 61	21 ~~32~~ 28	0 81	14 ~~71~~ 67	" 2" I.P. P.R.-52	" " "
T.P.	4 93	23 ~~52~~ 48	2 73	18 ~~59~~ 55	(39+00 DEST.)	
38+00	3 35	21 ~~65~~ 61	5 22	18 ~~30~~ 26	" 2" I.P. P.R.-50	" " "
T.P.	3 54	18 ~~47~~ 43	6 72	14 ~~93~~ 89	(37+00 DEST.)	" " 194
36+00					(DESTROYED BY CONST. OF TIDE GATE)	" "
35+00					Nothing set, falls in grand Canal,	" " "
34+00					(DESTROYED BY CONST. OF TIDE GATE)	" "
fd. B.M. (L.A. City Mon.)			4 05	14 ~~42~~ 38	B.M., el = 14.430, F.B. 1843-97	
	6 23	20 ~~66~~ 62		14 ~~43~~ 39	℄ Int. 56th Pl. & Pacific Ave., Std. L.A.C.E. mon. in H.H.	
33+00			5 25	15 ~~41~~ 37	fd. S.&T.	F.B. 2224-193
32+00	4 67	20 ~~46~~ 42	4 87	15 ~~79~~ 75	" L.&T. P.R.-46	" " "
31+00			4 96	15 ~~50~~ 46	"	" " "
30+00	6 43	21 ~~38~~ 34	5 51	14 ~~95~~ 91	" P.R.-45	" " "
T.P.	3 34	19 ~~96~~ 92	4 76	16 ~~62~~ 58		
P.R. 44	5 49	20 ~~32~~ 28	5 13	14 ~~83~~ 79	FND. LYT. IN CONC. WALK (Q767 U.S.C. & G.S.) 19.69	"P.R."-44-33 & 235 1957 adj.
B.M. 27-17 19			0 61	19 ~~71~~ 69	B.M. 27-17, el = 19.728,	F.B. 1843-164

F.B. 2380 Pg. 154 Job No. 0021.16 Division No. 10 Notes Red. Plotted No. Profile
Survey of Marina Del Rey Date Date X-Sec.
Survey by English Notes Ed. Notes Chkd. C. R. GOSS Checked
Indexed C. Johnson Date Date No.

Profile No.	Notes Red. Date	Plotted Date	Job No. 0021.16	Division No. 10	F. B. 2380 Pg. 155
X-Sec. No.	Notes Chkd. C. R. GOSS Date	Checked Date	Survey of Marina Del Rey		
			Survey by English	Notes E. Landa	Date 4-59
			Map No.	Indexed C. Johnson	Date

MARINA DEL REY

J.N. 0021.16

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
[redacted].

ELEVATIONS:

BOUNDARY &
PERIMETER
ROADS

DATE: APRIL, 1959

PARTY: ENGLISH
Landa
Faulger
Wallace
Dupuis

Ref: F.B. 2224
F.B. 1843

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

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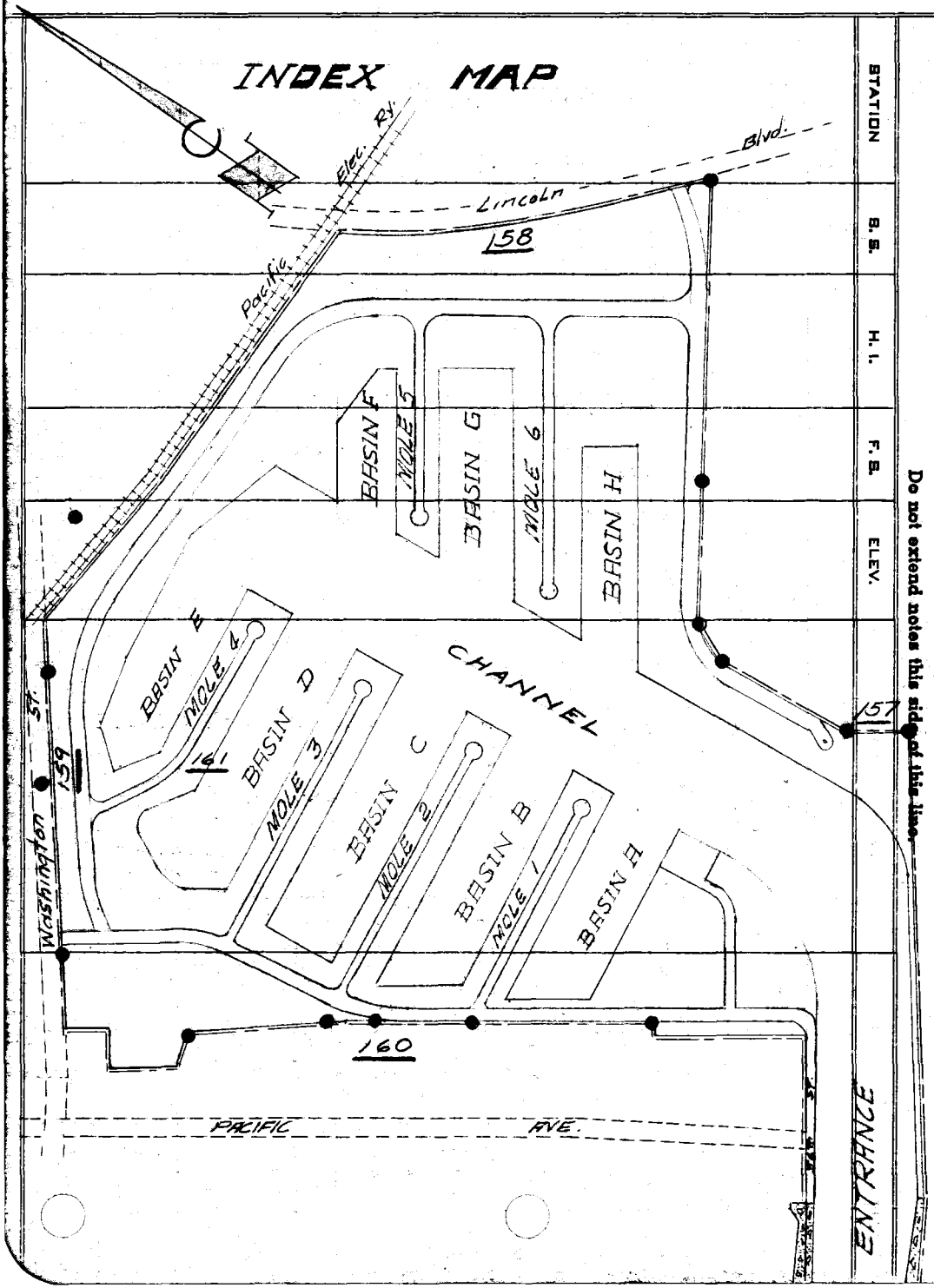
761298 S & E #307 9-54

F. B. 2380 Pg. 156 | Job No. 0021.16 | Division No. 10 | Notes Red. | Plotted | Profile

Survey of Marina Del Rey | Date | Date | No.

Survey by English | Notes Landa | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.



761298 S & E #307 9-54

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76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	MARINA DEL REY BOUNDARY
M. - 40	4 73	17 ~~22~~ 18		12 ~~49~~ 45	Fnd. 2" I.P., Elv. = 12.49, F.B. 2224-185-146
B.M. 115-44 B.M. 27-23			4 75	12 ~~47~~ 43	12.507 1957 adj. Fnd. F.C. Mon., Elv. = 12.555, F.B. 1843-170
	4 80	17 ~~35~~ 31		12 ~~55~~ 51	
B - 39	2 80	16 ~~57~~ 53	3 58	13 ~~77~~ 73	Fnd. C.E. Brass Cap Mon., F.B. 2380-24
T.P.	0 61	10 ~~61~~ 57	6 57	~~10 00~~ 9 96	
B - 40	5 14	10 ~~56~~ 52	5 19	5 ~~42~~ 38	" " " " " " -25
T.P.	6 21	16 ~~68~~ 64	0 09	10 ~~47~~ 43	
T.P.	0 70	10 ~~89~~ 85	6 49	10 ~~19~~ 15	
B - 41	4 59	9 ~~99~~ 95	5 49	5 ~~40~~ 36	" " " " " -26
T.P.	3 46	10 ~~41~~ 37	3 04	6 ~~95~~ 91	
REY #21			5 02	5 ~~39~~ 35	FND. B.M. REY #21, EL. 5.399 - F.B. 1843-123
	4 48	9 ~~88~~ 83		5 ~~40~~ 35	
T.P.	4 80	9 ~~98~~ 93	4 70	5 ~~18~~ 13	
B - 42	4 85	10 ~~21~~ 16	4 62	5 ~~36~~ 31	FND. C.E. BRASS CAP MON., F.B. 2380-26
T.P.	4 95	10 ~~58~~ 53	4 58	5 ~~63~~ 58	
T.P.	5 18	11 ~~71~~ 66	4 05	6 ~~53~~ 48	
B - 43	2 76	9 ~~95~~ 90	4 52	7 ~~19~~ 14	" " " " " ∡ PT. " -27
T.P.	5 12	11 ~~34~~ 29	3 73	6 ~~22~~ 18	
T.P.	5 15	11 ~~70~~ 65	4 79	6 ~~55~~ 50	

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

Profile Notes Red. Plotted Job No. 0021.16 Division No. 10 F.B. 2380 PG. 157
No. Date Date Survey of MARINA DEL REY
X-Sec. Notes Chk. G. R. GOSS Checked Survey by English Notes Foulger Date 4-3-59
No. Date Date Map No. Indexed C. J. [illegible] Date

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Marina Del Rey Bdry.

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

STATION	B. S.	H. I.	F. S.	ELEV.	
T.P.	5 16	11 ~~70~~ 65 / 12 ~~87~~ 82	4 79	6 ~~91~~ 86	
T.P.	4 99	12 ~~57~~ 52	4 49	7 ~~58~~ 53	
	5 15	12 ~~98~~ 93	4 74	7 ~~83~~ 78	
REY 31			1 57	11 ~~41~~ 36	FND. B.M. REY 31, EL. 11.291, F.B. 1843-116
	1 43	12 ~~72~~ 67		11 ~~29~~ 24	
B-44	4 70	~~16~~ 15 ~~02~~ 97	1 40	11 ~~32~~ 27	FND. C.E. BRASS CAP MON, F.B. 2380-28
T.P.	4 H	14 ~~81~~ 76	5 32	10 ~~70~~ 65	
T.P.	5 55	~~15~~ 14 ~~01~~ 96	5 35	9 ~~46~~ 41	
T.P.	5 13	15 ~~72~~ 67	4 42	10 ~~59~~ 54	
SET T.B.M.	4 07	15 ~~87~~ 82	3 92	11 ~~80~~ 75	T.B.M. LINCOLN BLVD. WEST SIDE & 0.5 MI. N. OF CULVER BLVD., BT. SPK. IN P.P. #110723M
T.P.	5 68	16 ~~91~~ 86	4 64	11 ~~23~~ 18	
T.P.	5 35	17 ~~62~~ 57	4 64	12 ~~27~~ 22	
T.P.	6 48	~~20~~ 19 ~~04~~ 99	4 06	13 ~~56~~ 51	
fd. B.M. Rey #26			3 93	16 ~~11~~ 06	B.M. Rey #26, el = 16.119, F.B. 1843-112
fd. B.M. Rey #56	4 78	14 ~~53~~ 38		9 ~~15~~ 60	B.M. Rey #56, el. = 9.748, F.B. 2224-56
T.P.	4 91	~~15~~ 14 ~~03~~ 88	4 41	~~10~~ 9 ~~12~~ 97	B-46 Oxford Ave. & Dickson St., N.W'ly. Cor.
T.P.	2 14	12 ~~53~~ 38	4 64	10 ~~39~~ 24	
Set B-46	6 66	13 ~~24~~ 09	5 95	6 ~~58~~ 43	fd. Nail in cb, 1' W'ly. from W'ly. end C.R.

F.B. 2380 Pg. 158 Job No. 0021.16 Division No. 10 Notes Red. Plotted No. Date Date X-Sec.
Survey of Marina Del Rey Date Notes Chk. C. R. GOSS Checked No.
Survey by English Notes Faulkner Date Date
Indexed C. Johnson Date

76L298 307 8-53

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Marina Del Rey Bdry.

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

STATION	B. S.	H. I.	F. S.	ELEV.	
B-46		13 ~~24~~ 09			see pg. 158
T.P.	5 35	14 ~~74~~ 59	3 85	9 ~~39~~ 24	
T.P.	5 24	17 ~~22~~ 07	2 76	11 ~~98~~ 83	
T.P.	3 99	16 ~~89~~ 74	4 32	12 ~~90~~ 75	
M-46 M.D.R.#5			4 73	~~12 16~~ 12 01	M-46 M.D.R. #5, el.=12.05, F.B. 2380-150 12.01 1957 adj.
B.M. Rey #56	4 51	14 ~~26~~ 11		9 ~~75~~ 60	B.M. Rey #56, el=9.748, F.B. 2224-56 9.60 1957 adj. Pg. 158
T.P.	4 62	13 ~~30~~ 15	5 58	8 ~~68~~ 53	
Set B.M. B-47	5 03	13 ~~68~~ 53	4 65	8 ~~65~~ 50	B.M. B-47
T.P.	5 24	14 ~~39~~ 24	4 53	9 ~~15~~ 00	Washington St. S'ly. side & 430' W'ly. from
T.P.	5 18	14 ~~29~~ 84	4 58	9 ~~81~~ 66	Mildred Ave., Bt. Spk. in cb. 10' W'ly. from E'ly. end cb.
B-48	4 87	14 ~~25~~ 10	5 61	9 ~~38~~ 23	B-48, B.M. Rey #53, el.=9.376, F.B. 2224-55 9.360
T.P.	4 78	13 ~~43~~ 28	5 60	8 ~~65~~ 50	
T.P.	3 98	12 ~~74~~ 59	4 67	8 ~~76~~ 61	
T.B.M.	4 68	~~13 01~~ 12 92	4 35	8 ~~39~~ 24	T.B.M., Spk., & Int. Beach & Washington
P.R.68-A			4 68	8 ~~39~~ 24	X in Pmt., & Int. Washington & Ocean, F.B. 2380-35
T.B.M. B-49	4 34	12 ~~63~~ 48	4 78	8 ~~29~~ 14	T.B.M., Washington & Ocean, S.W'ly. Cor. Spk. in cb. 2' W'ly. from W'ly. end C.R. B-49
B.M. Rey #49			5 44	7 ~~18~~ 04	B.M. Rey #49, el.=7.165, F.B. 2224-54 & Int. Washington & Grayson 7.159

Profile Notes Red. ____ Plotted ____ Job No. 0021.16 Division No. 10 F.B. 2380 Pg. 159
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. C. R. GOSS Checked ____ Survey by English Notes Ed. Date 4-59
No. ____ Date ____ Date ____ Map No. ____ Index K. C. Johnson

76L298 307 8-53

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

Profile No. ____ Plotted ____ Date ____
X-Sec. No. ____ Date ____
Notes Red. ____ Date ____
Notes Chk. C. R. GOSS Date ____
Notes ____ Date ____
Division No. 10 Job No. 0021.16
F.B. 2380 Pg. 160
Survey of Marina Del Rey Ed.
Survey by English
Indexed C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.	Marina Del Rey Bdry.
fd. B.M. Rey #14	6 63	12 ~~02~~ 04		5 ~~59~~ 41	(C.B.-21-A) B.M. Rey #14, el=5.394', F.B. 1843-103
fd. B.M. Rey #13	3 50	11 ~~45~~ 47	4 07	7 ~~95~~ 97	(C.B.-21-D) B.M. Rey #13, el=7.982', F.B. 1843-103
B.M. B-50	6 13	11 ~~09~~ 11	6 49	4 ~~96~~ 94	B-50, S.E'ly. Cor. "Planting Area", C.E. Br. Cp. mon. F.B. 2380-?
T.P.	5 61	12 ~~00~~ 02	4 70	6 ~~39~~ 37	
B-51	3 43	11 ~~37~~ 39	4.06	7 ~~94~~ 92	B-51, Int. ℄ Mole #2 & West Bdry. of Marina, 2" I.P. F.B. 2380-16
T.P.	4 69	10 ~~29~~ 31	5 77	5 ~~60~~ 62	
T.P.	5 15	10 ~~63~~ 65	4 81	5 ~~48~~ 50	
T.P.	2 84	10 ~~85~~ 87	2 62	8 ~~01~~ 03	Spk. in P.P. F.B. 2380-18
B-53	4 93	10 ~~40~~ 42	5 38	5 ~~47~~ 49	B-53, Int. ℄ Mole #1 & W. Bdry. Marina, 2" I.P.
T.P.	3 95	9 ~~52~~ 54	4 83	5 ~~57~~ 59	
fd. B.M. Rey #7			2 25	7 ~~27~~ 29	B.M. Rey #7, el=7.309', F.B. 1843-100
	3 18	10 ~~49~~ 47		7 ~~31~~ 29	
T.P.	5 92	10 ~~82~~ 80	5 59	4 ~~90~~ 88	
B-54	5 90	9 ~~61~~ 59	7 11	3 ~~71~~ 69	B-54, E'ly. ℄ Pt. in W'ly. Marina Bdry. L.A.Co.Eng. Tag in Mon. F.B. 2380-? 4-1758 1957 adj.
B.M. Rey #4			4 83	4 ~~78~~ 76	B.M. Rey #4, el=4.730, F.B. 1843-57, 99 & 147
B-48		13 97		23	B-48 9.23 1957 adj. Pg 159
B.M. Rey #53	4 74	~~14~~ 12		9 ~~35~~ 33	B.M. Rey #53, el=9.316, F.B. 2224-55
T.P.	2 92	11 ~~21~~ 66	5 23	8 ~~89~~ 74	
P.R. #71	3 77	11 ~~87~~ 82	3 61	8 ~~25~~ 95	(E.C.) P.R. #71, 1x2, Pg. 131, ℄ Int. Mole #4 & Perimeter Rd.
M-48-B			3 11	8 ~~36~~ 71	M-48-B, 2" I.P., P.L. Pg. 131 (Mole #4)

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
M-48-B	4.61	13 ~~59~~ 32		8 ~~86~~ 71	M-48-B, 2" I.P. See Pg. 160	
T.P.	2.73	13 ~~32~~ 17	2.88	10 ~~59~~ 44		
M-48-A	2.33	12 ~~54~~ 39	3.11	10 ~~21~~ 06	M-48-A, 2" I.P., P.I. F.B. 2380-130	
T.P.	1.68	15 ~~93~~ 43	1.44	~~19.96~~ 19.95		
REY #17			5.73	~~13.96~~ 9.90	Elv. = 10.048 ✓ Rev #17 Spk. in Fnc. Cor. (N.W. Cor Sewer Plant) F.B. 1843-2	

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021.16 Division No. 10 F.B. 2380 Pg. 161
X-Sec. No. ____ Date ____ Date ____ Survey of MARINA DEL REY
Notes Chk. G. R. GOSS Checked ____ Survey by ENGLISH Notes EJ Date 4-8-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson

F. B. 2380 Pg. 162 Job No. 002116 Division No. 10 Notes Red. _____ Plotted _____ Profile No. _____

Survey of MARINA DEL REY Date _____ Date _____ X-Sec. No. _____

Survey by ENGLISH Notes Ed. 8 Notes Chkd. _____ Checked _____

Indexed _____ Date _____ Date _____ Date _____ No. _____

76L298 307 8-53

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

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA LEVEL
ADD 2.78 FT.

Profile	Notes Red.	Plotted	Job No. 8910.71	Division No. 10	F. B. 2380 Pg. 163
No.	Date	Date	Survey of Marina Del Rey		
X-Sec.	Notes Chkd.	Checked	Survey by English	Notes Ed.	Date 4-59
No.	Date	Date	Map No.	Indexed C. Johnson	Date 4-27-59

MARINA DEL REY

J.N. 8910.71

TIDE GATES
FINAL
X-SECTIONS

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

April 17, 1959
English
Landa
~~Wallace~~
Foulger

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

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726 Los Angeles County Engineering Bldg.

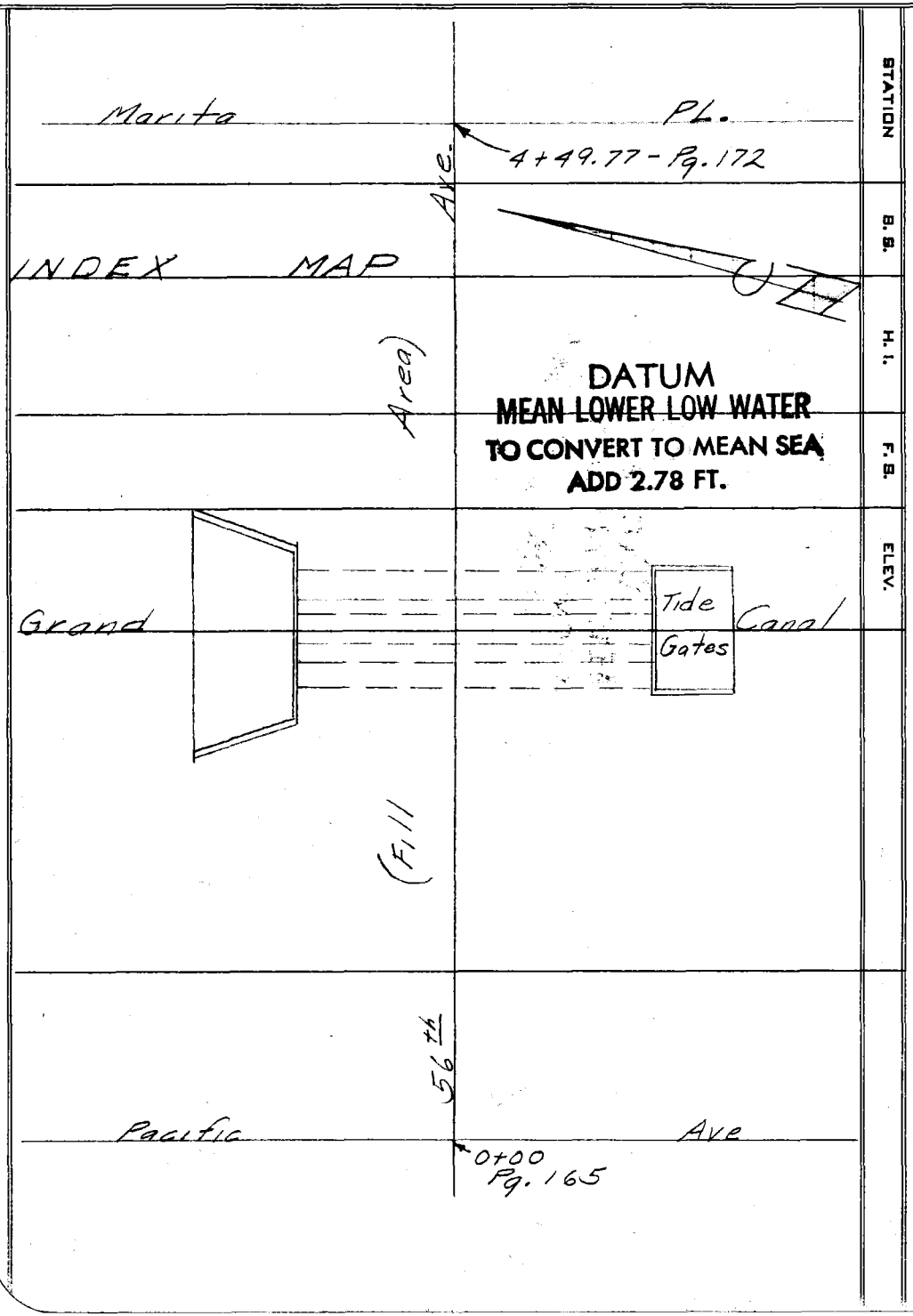
761.298 S & E #307 9-54

F. B. 2380 Pg. 164 Job No. 8910.71 Division No. 10 Notes Red. Plotted Profile

Survey of Marina Del Rey Date Date No.

Survey by English Notes Ed. Notes Chkd. Checked X-Sec.

Indexed E. C. Johnson Date Date Date No.



76L298 S & E #307 9-54

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LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 S & E #307 9-54

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	56th Ave.	
D-6	392	1938		1546	D-6, el.=15.46, F.B. 1843-28	
0+00			392	1546	℄ Int. Pacific Ave. & 56th Ave.	
0+19.4			423	1515	Gut. ℄	
0+19.8			355	1583	T. cb. ℄	
0+20.2			40	154	℄	
0+40			41	153	℄	
"			43	151	10.8 R	edge of Rock Rd.
"			52	142	12.5 R	" " "
"			48	146	20 R	
"			46	148	11.4 L	
"			50	144	12.1 L Same	
"			48	146	20 L	
0+50			41	153	℄	
"			43	151	10.8 R	edge of Rock Rd.
"			51	143	12.8 R	" " "
"			49	145	20 R.	
"			45	149	11.5 L Same	
"			48	146	12.3 L	
"			48	146	20 L	

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

Profile Notes Red. ____ Plotted ____ Job No. 8910.71 Division No. 10 F. B. 2380 Pg. 165
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Landd Date 4-17-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. John

76L298 S & E #307 9-54

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	56th Ave.	
		19 38				
1+00			405	153		℄
			44	150		12² R. edge of Rd.
			48	146		13² R " "
			48	146		20 R
			42	152	12' L	
			46	148	13' L Same	
			47	147	20 L	
1+07.7			47	147	R. 43° Cor. of T. of B.	
1+25			45	149	L. 35' cor. of T. of B.	
1+29			52	142	R. 44' T. of B.	
"			167	27	R 67.5 Cor. of Btm. of Channel	
"			44	150	33.5 L Same	
"			184	10	60 L	
1+50			41	153		℄
"			42	152	13°	R. edge of Rock Rd.
"			48	146	14°	R
"			50	144	20	R
"			50	144	41	R T. of B.
"			178	16	64	R Btm. of B

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

F. B. 2380 Pg. 166 Job No. 8910.71 Division No. 10 Notes Red. Plotted Profile
Survey of MARINA DEL REY Date Date No.
Survey by English Notes Landa Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	56th Ave.
		1938			
1+50			42	152	13° L edge of Rock Rd
"			46	148	14° L " " " "
"			45	149	20 L
"			45	149	34.5 L T. of B.
"			171	23	57° L B. of B.
2+00			41	153	℄
"			45	149	14.4 R edge of Rock Rd
"			48	146	15.3 R " " " "
"			49	145	20° R
"			440	1498	55° R. T. of Tide gate H.W.
"			43	151	12.6 L
"			47	147	13.4 L
"			46	148	20 L same
"			45	149	33.5 L T of B.
"			1144	794	50 L T. of Tide Gate Head wall
2+50			41	153	℄
			44	150	14.4 R edge of Gravel Rd.
			47	147	15.4 R " " " "
			47	147	20° R
			50	144	46 T. of B.
			14.6	4.8	69 R Bt. of B

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
ADD 2.78 FT.

Profile Notes Red. ____ Plotted ____ Job No. 8910.71 Division No. 10 F. B. 2380 Pg. 167
No. ____ Date ____ Date ____ Survey of Maring Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Landg Date 4-17-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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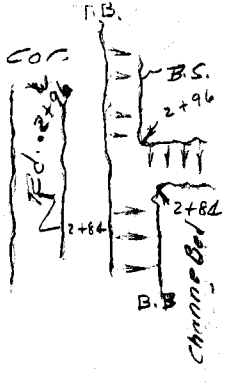
F. B. 2380 Pg. 168 Job No. 89107 Division No. 10 Notes Red. ____ Plotted ____ No. ____ Profile
Survey of MARINA DEL REY Date ____ Date ____ X-Sec.
Survey by English Notes E. Landa Notes Chkd. ____ Checked ____ No. ____
Indexed K. C. Johnson Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	56th Ave.
		19.38			
2+50			4.5	14.9	12' L
			4.9	14.5	13 L same
			4.9	14.5	20 L
			4.7	14.7	33 L
			11.1	8.3	47 L To Top of conc. Block Base
			19.7	1.7	62 L To Btm. " " " " & channel
2+84			4.7	14.7	44 R. T. of B
"			14.9	4.5	63 R. Btm. of B. & cor.
2+96			4.7	14.7	43.5 R. T. of B
"			8.0	11.4	56.5 R. B. of Slope
3+00			4.1	15.3	℄
"			4.3	15.1	15 R edge of Rd.
"			4.7	14.7	16' R " " "
"			4.7	14.7	20 R
"			4.6	14.7	42.6 R T of B
"			8.5	10.9	58.6 R B of Slope
"			4.3	15.1	L 12 L edge of Rd.
"			4.6	14.8	L 13 L " " "
"			4.6	14.8	L 20
"			4.5	14.9	L 33.5 T. of B.
"			10.7	8.7	L 43.5 To Top of conc. Block Base
"			14.5	4.9	L 53.5 To Btm " " " & Btm of B

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
~~ADD 2.78 FT.~~



76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	56th	Ave.
		19 38				
T.P.	6 44	21 77	4 05	15 33		
3+09 77			6 4	15 4		℄
			6 6	15 2	14.5 R	edge of Rock Rd
			7 0	14 8	15.9 R	" " " "
			7 0	14 8	20 R	
			6 8	15 0	43 R	T. of B.
			10 7	11 1	59 R	B. of S.
			6 5	15 3	12' L	
			7 0	14 8	13 L	Same
			6 8	15 0	20 L	
			7 0	14 8	34 L	T. of B.
			9 2	12 6	39 L	B. of S.
3+34 77			6 3	15 5		℄
			6 2	15 6	14 R	edge of Rock Rd.
			6 6	15 2	15.6 R	" " " "
			6 4	15 4	20 R	
			6 4	15 4	42 R	T. of Bank
			10 8	11 0	60 R	Btm. of Slope

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
~~ADD 2.78 FT.~~

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8910.71 Division No. 10 F. B. 2380 Pg. 169
Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes Lorde Date 4-17-59
Date ____ Date ____ Map No. ____ Index ~~S. C. Johnson~~

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	56th	Ave.
		21 77				
3+34.77			63	155	12 4 L	
			67	151	13 7 L	
			67	151	20 L	Same
			67	151	29 L	
			85	133	33 L	
3+59.77			57	161		℄
			58	160		14 5 R.
			62	156		17° R
			60	158		20 R Same
			58	160		42 3 R
			105	113		57 2 R
			57	161	14° L	
			62	156	15 L	
			61	157	20 L	Same
			61	157	22 L	
			83	135	26 L	
3+84.77			48	170		℄
			48	170		15 R edge of Rock Rd
			52	166		16 R " " " "
			52	166		20 R.

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
~~ADD 2.78 FT.~~

F. B. 2380 PG. 170 Job No. 8910.71 Division No. 10 Notes Red. Plotted Date No. Profile
Survey of MARINA DEL REY Date Date X-Sec.
Survey by English Notes Landa Notes Chkd. Checked Date No.
Indexed C. Johnson Date Date

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	56th Ave.
		21 77			
3+84.77			52	166	44 R T of B
"			96	122	59 R B of S
"			51	167	17 L edge of Rd & T. of B
"			85	133	23 L B of S
4+09.77			34	184	℄
			33	185	14² R edge of Rock Rd
			38	180	16² R
			40	178	41 R T of S
			78	140	55 R. B of S
			38	180	16⁴ L T of B & edge of Rd
			71	146	21⁷ L B of S
4+49.77			110	2067	℄ of Marita & 56th Ave. Per Plan
"			084	2093	20' R
"			137	2040	20' L

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
~~ADD 2.78 FT.~~

Profile Notes Red. ____ Plotted ____ Job No. 8910.71 Division No. 10 F. B. 2380 Pg. 171
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Landa Date 4-17-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.72 Tape D117 Std 68 °F
Office Work	Surveyed by English
Checked	Notes E.H. Date 5-59
Date	Indexed ~~A. C. Johnson~~ 6-1-59

F. B. 2380 Pg. 173

MARINA DEL REY

J.N. 8910.72

CENTERLINE
NORTH JETTY
(ENTRANCE
CHANNEL)

May 20, 1959
English
Landa
Foulger
Wallace
Dupuis

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

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F. B. 2380 Pg. 174

38+00
fd. 2" I.P. P.&T.
dn. 2"
F.B. 2224-195

N.W. OFF. LINE
F.B. 2224

2 - 180 56 20
4 - 01 52 30
6 - 182 49 00
Av. 90 28 10

2 - 178 54 10
4 - 357 48 10
6 - 176 42 20
Av. 89 27 03

2 - 112 46 40
4 - 225 33 30
6 - 338 20 00
Av. 56 23 20

56 ft AVE.

31+00
fd. L.&T.
in Conc. Walk
F.B. 2224-193

Set 1X2 F.N.
flush
By Int.

N-10
fd. 2" I.P.
Wood plug F.N.
dn. 2"
no ref.

90°
28'10"

0.40

30+00

BEACH CONTROL LINE

56°23'20"

7.66

40.96

OCEAN FRONT WALK

5.92

89°27'03"

fd. L.&T.S
flush
in Conc.
Walk
F.B. 2224-193

Set L.&Tag (L.A.Co. Engr.)
in rock

1578.32

Prop.
Entrance
Channel

N-11
fd. L.A. City
Br. Cp. mon.
in H.H.
no ref.

Rock Jetty

175.74

fd. L.&N.S
in rocks
no ref.

0.19

3.46

13.46
175.74
1578.32
40.96

T-68°
Lev. = 13.46
" = 175.74
" = 1578.32
" = 40.96

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

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Nov 23-84

Profile No.	Notes Red.	Plotted	Job No. 891072	Division No. 10	F. B. 2380 Pg. 175
	Date	Date	Survey of Marina Del Rey		
X-Sec. No.	Notes Chkd.	Checked	Survey by English	Notes Ed.	Date 6-18-59
	Date	Date	Map No.	Indexed C. Johnson	Date 6-24-59

MARINA DEL REY

J.N. 8910.72

CROSS-SECTIONS
OF THE
HUGHES DITCH

ELEV.

~~DATUM~~
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
Subtract ~~ADD~~ 2.78 FT.

F. S.

June 18, 1959
English
Landa
Foulger
Wallace
Dupuis

H. I.

Ref.
F.B. 2380

B. S.

STATION

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PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

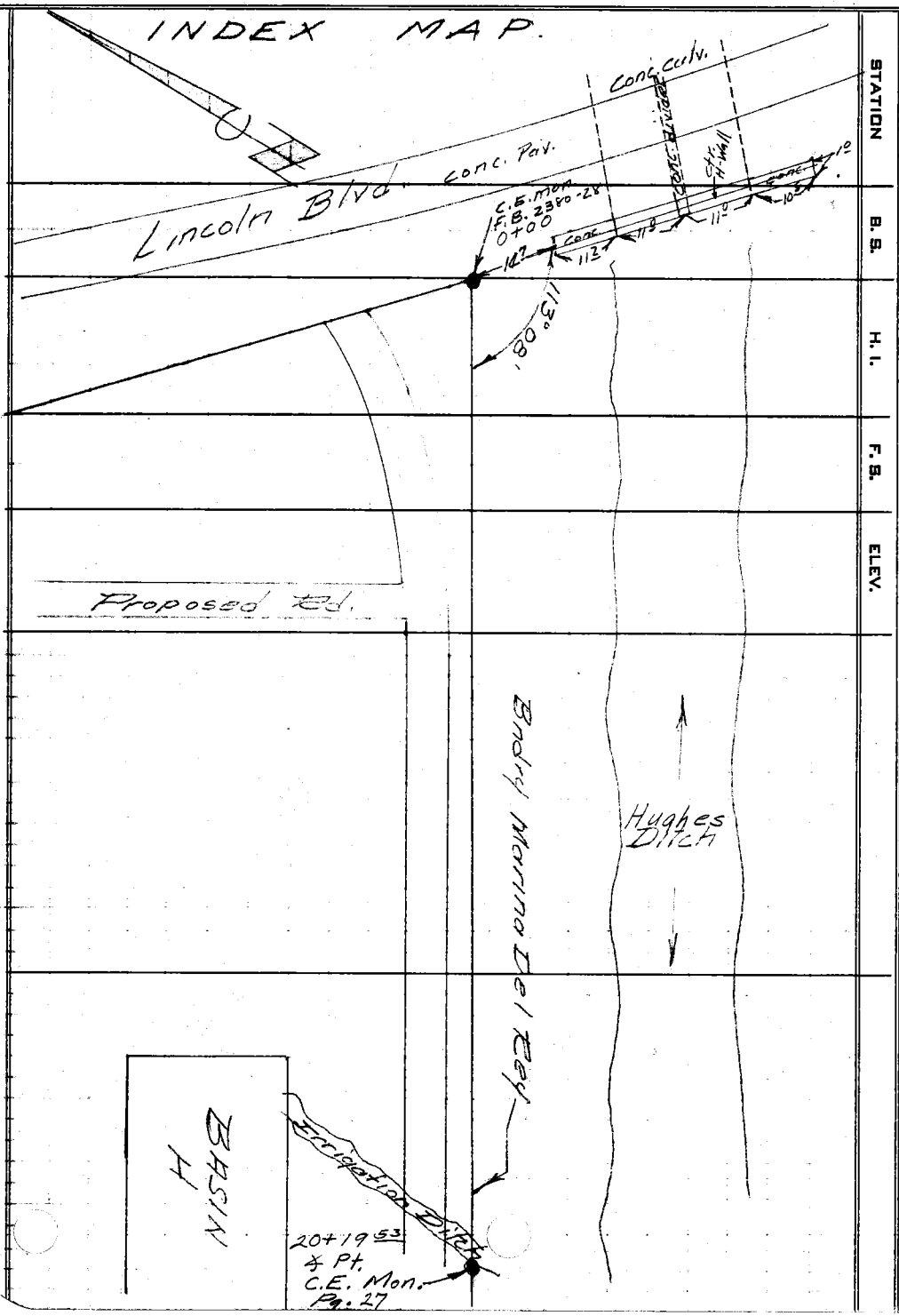
761.298 307 8-53

F. B. 2380 Pg. 176 Job No. 891072 Division No. 10 Notes Red. Plotted Profile

Survey of Marina Del Rey Date Date No.

Survey by English Notes English Notes Chkd. Checked X-Sec.

Indexed C. Johnson Date Date Date No.



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

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 3C7 8-53

76L298 307 10-51

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
fd. B.M. Rey 31	3 12	14 41 ✓		11 29 ✓	B.M. Rey #31, el.=11.291, F.B. 1843-116 & 141	
0+29 1			1 92	12 49 ✓	37 7 L, Int. ℄ Lincoln & Ctr. Ditch, Conc. Pvm't.	
0+85 3			3 17	11 24 ✓	34 4 L., Top conc. H-Wall	
0+86			11 1	3 3 ✓	34 4 L., F.L., Bot. Ditch	
1+00			3 09	11 3 ✓	E'ly. Cor. Marina Del Rey, N. 4,104,421.40 E. 4,155,816.13	
					fd. std. C.E. Br. Cp. mon., F.B. 2380-28	
			2 0	12 4 ✓	7° L. Top dike	
			10 0	4 4 ✓	26° L Bot. "	
			11 2	3 2 ✓	30° L Ctr Ditch	
			10 1	4 3 ✓	36 " Bot. dike	
			1 5	12 9 ✓	57 " Top Brk.	
			2 0	12 4 ✓	77 L	
2+00			6 3	8 1 ✓	S'ly. Bdry. Marina Del Rey - Pg. 27 & 28	
			3 7	10 7 ✓	13° L	
			10 0	4 4 ✓	29 5 L	
			11 0	3 4 ✓	33 6 L	Same
			9 9	4 5 ✓	39 L	
			2 7	11 7 ✓	50 L	
			2 1	12 3 ✓	70 L	
3+00			6 2	8 2 ✓	S'ly. Bdry.	
			3 1	11 3 ✓	12° L. Same	

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
Subtract ~~ADD~~ 2.78 FT.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8910.72 Division No. 10 F.B. 2380 Pg. 177
X-Sec. No. ____ Date ____ Date ____ Survey of Marina Del Rey
Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 6-18-59
Date ____ Date ____ Map No. ____ Index C. Johnson

76L298 307 10-51

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726 LOS ANGELES COUNTY
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Do not extend notes this side of this line.

DATUM
MEAN LOWER LOW W[illegible]
TO CONVERT TO MEAN SEA
Subtract ~~ADD~~ 2.78 FT.

STATION	B. S.	H. I.	F. S.	ELEV.		
3+00		14 41	10 2	42	27 L.	
			120	24	31.5 "	
			101	43	40° "	Same
			30	114	49° "	
			28	116	69 "	
4+00 (TP)	575	13 34	6 82	759	S'ly. Bdry.	
			21	112	13° L.	
			92	41	24.5 "	
			104	29	32.2 "	Same
			94	39	39' "	
			22	111	50.5 "	
			18	115	70° "	
5+00			59	74	S'ly. Bndry	
			27	106	12° L	
			91	42	27 "	
			110	23	30.5 "	
			90	43	40.5 "	
			22	111	51° "	
			17	116	71° "	

Profile
Plotted ____ No. ____
Date ____ X-Sec.
Checked ____ No. ____
Date ____

Job No. 8910.72 Division No. 10 Notes Red. ____ Date ____
Survey of Marina Del Rey Notes Chkd. ____ Date ____
Survey by E. English Notes Ed. ____ Date ____
Indexed C. Johnson

P.B. 2380 PG. 178

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
6+00		13 34	57	76	S'ly. Bndry.	
			20	113	12° L	
			92	41	27 "	
			102	31	31 "	SAME
			90	43	42 "	
			23	110	49.5 "	
			23	110	70° "	
7+00			57	76	S'ly. Bndry.	
			23	110	13° L	
			91	42	23 "	
			108	25	32.5 "	SAME
			95	38	41° "	
			33	100	49.8 "	
			34	99	68.5 "	
8+00			61	72	S'ly Bndry	
			27	106	13.5 L	
			95	38	23° "	
			108	25	33° "	SAME
			95	38	37.5 "	
			57	76	47.5 "	
			62	71	67.5 "	

DATUM
MEAN LOWER LOW W[illegible]
TO CONVERT TO MEAN SEA
Subtract ~~ADD~~ 2.78 FT.

Profile Notes Red. ____ Plotted ____ Job No. 8910.72 Division No. 10 F. B. 2380 Pg. 179
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Landa Date 6-18-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I. 13 34	F. S.	ELEV.		
9+00 (T.P.)	5 77	12 99	6 12	7 22	5'ly. Bndry	
			2 6	10 4	14° L	
			9 0	4 0	23° "	
			10 5	2 5	33° "	SAME
			9 0	4 0	43° "	
			5 7	7 3	49.5 "	
			6 0	7 0	70 "	
10+00			5 9	7 1	5'ly. Bndry	
			2 6	10 4	12.9 L.	
			9 3	3 7	21° "	
			10 5	2 5	33.5 "	
			9 3	3 7	43° "	SAME
			6 1	6 9	46.5 "	
			5 8	7 2	66.6 "	
11+00			6 2	6 8	5'ly. Bndry	
			1 8	11 2	14° L	
			9 6	3 4	22 "	
			10 4	2 6	33 "	
			8 8	4 2	43.5 "	
			4 6	8 4	48 "	
			5 9	7 1	68° "	

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
Subtract [redacted] 2.78 FT.

F. B. 2380 Pg. 180 Job No. 89 10 72 Division No. 10 Notes Red. Plotted No. Date Date X-Sec.
Survey of Marina Del Rey Notes Ed. Notes Chkd. Checked No.
Survey by English Date Date
Indexed A. C. Johnson

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
12+00		12 99	63	67	S'ly. Bndry.	
			21	109	17.5 L	
			90	40	26° "	
			105	25	34° "	SAME
			94	36	42.0 "	
			45	85	55.5 "	
			60	70	75° "	
13+00			66	64	S'ly. Bndry	
			23	107	16° L.	
			96	34	25° "	
			105	25	33° "	Same
			96	34	50° "	
			50	80	55° "	
			62	68	75° "	
T.P. 14+00	600	12 66	633	66	S'ly. Bndry.	
			20	107	12° L	
			93	34	21.5 "	
			103	24	34.6 "	Same
			93	34	41.5 "	
			44	83	49.6 "	
			58	69	69.5 "	

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
Subtract ~~ADD~~ 2.78 FT.

Profile Notes Red. ____ Plotted ____ Job No. 8910.72 Division No. 10 F. B. 2380 Pg. 181
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Landa Date 6-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
15+00		12 66	5 7	7 0	S'ly Bndry	
			2 7	10 0	17° L	
			9 3	3 4	27° "	
			10 2	2 5	37 "	Same
			9 2	3 5	50° "	
			3 3	9 4	55.5 "	
			6 0	6 7	75° "	
16+00			6 1	6 6	S'ly Bndry.	
			1 5	11 2	13.5 L.	
			9 8	2 9	24 "	
			10 6	2 1	37.5 "	Same
			9 5	3 2	44.5 "	
			6 0	6 7	48° "	
			6 3	6 4	68° "	
17+00 T.P.	6 40	13 14	5 92	6 74	S'ly Bndry	
			2 2	10 9	12 L	
			10 0	3 [illegible]	22° "	
			11 0	2 [illegible]	33.5 "	SAME
			10 0	3 [illegible]	45.9 "	
			5 5	7 6	49.5 "	
			6 3	6 8	69 "	

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
Subtract [redacted] 2.78 FT.

F. B. 2380 PG. 182 Job No. 8910.72 Division No. 10 Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No.
Survey by English Notes Ed. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
* 18+00		13 14	4 3	8 8	5'ly. Bndry	
			1 2	11 9	9° L	
			10 0	3 [illegible]	30° "	
			11 0	3 [illegible]	41 "	Same
			9 5	3 6	56 "	
			6 5	6 6	67 "	
			6 2	6 9	77 "	
19+00 T.P.	5 89	12 35	6 68	6 46	5'ly. Bdry.	
			1 3	11 0	18' L	
			7 8	4 6	30' "	
			9 8	2 6	43 "	
			8 2	4 2	56 "	Same
			5 3	7 0	59 "	
			5 8	6 6	78 "	
20+00			6 3	6 0	5'ly. Bdry. Pg. 27	
			2 0	10 4	20 L.	
			7 8	4 5	29 "	
			9 3	3 0	44 "	Same
			8 5	3 8	54 "	
			4 2	8 1	59 "	
			5 8	6 5	79 "	

DATUM
MEAN LOWER LOW WATER
TO CONVERT TO MEAN SEA
Subtract ~~ADD~~ 2.78 FT.

Profile Notes Red. ____ Plotted ____ Job No. 891072 Division No. 10 F. B. 2380 Pg. 183
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 6-19-59
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] C. Johnson

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		DATUM
20+19.53 B-43 (same Pt.)		12 35	5 19	7 16	B-43, el=7.19, F.B. 2380-? 20+19.53, ∡ Pt. S'ly. Bdry. Marina Del Rey, N. 4,103,520.04 E. 4,154,119.22 fd. C.E. Br. Cp. Mon., Pg. 27	MEAN LOWER LOW WAT[illegible] TO CONVERT TO MEAN S[illegible] Subtract [illegible] 2.78 FT.

F. S. 2380 Pg. 184 Job No. 8910.72 Division No. 10 Notes Red. Plotted No. Profile
Survey of Marina Del Rey Date Date X-Sec.
Survey by English Notes Ed. Notes Chkd. Checked No.
Indexed [illegible] C. Johnson Date Date Date

Notes Ck'd by	Survey of Marina Del Rey	F. B. 2380 Pg. 185
Map No.	JN 8910.87 Tape Std °F	
Office Work	Surveyed by English	
Checked	Notes Ed. ~~E. O. Johnson~~ Date 7-16-59	
Date	Indexed 7-17-59	

MARINA DEL REY

J.N. 8910.87

TOPOGRAPHY
FOR
OXFORD AVE. DRAINAGE
BASIN

July 16 1959
English
Landa
Wallace
Dupuis

Ref:
F.B. 2224

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

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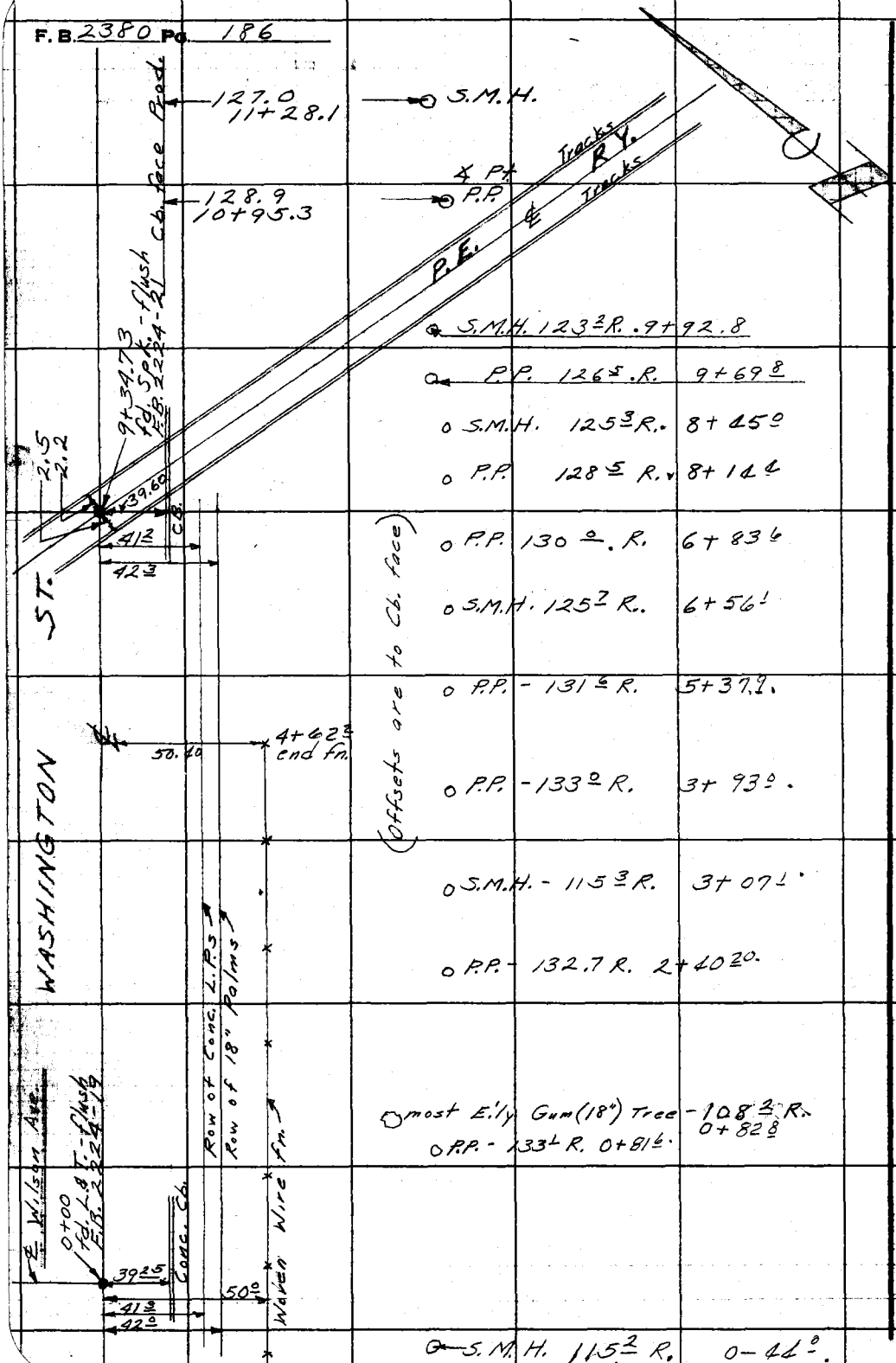
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F.B. 2380 Pg. 186



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76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Sewer M.H. & Invert elevations - See pg. 186 for locations						
fd. B.M. Rey 54	4 20	13 95		9 75	B.M. Rey 54, el = 9.751, F.B. 2224-56 Washington St. & Wilson Ave., N.W. Cor. Bt. Spk. in cb. 3' W. of w. end C.R.	
0-44°			2 31	11 64	115² R., Av. rim el.	mea. + Dia. = Rod
				-3 59	F.L. E'ly. (26") inlet	13.07 + 2.16 = 15.23
		?		-3 65	F.L. W'ly. 26" Outlet	13.13 + 2.16 = 15.29
3+07 ⊥	2 65	14 79	1 81	12 14	115³ R., Av. rim el.	mea. + Dia. = Rod
				-3 07	F.L. E'ly. 26" inlet	13.05 + 2.16 = 15.21
				-3 12	F.L. W'ly. 26" Outlet	13.10 + 2.16 = 15.26
6+56 ⊥			2 76	12 03	125² R., Av. rim el.	mea. + Dia. = Rod
				-2 60	F.L. 26" E'ly. inlet	12.47 + 2.16 = 14.63
				-2 63	F.L. 26" W'ly. Outlet	12.50 + 2.16 = 14.66
	4 66	17 43	2 02	12 77		

Profile Notes Red. ____ Plotted ____ Job No. 89108 Division No. 10 F.B. 2380 Pg. 187
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 7-16-59
No. ____ Date ____ Date ____ Map No. ____ Index No. C. Johnson

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. 2380 Pg. 188 Job No. 891087 Division No. 10 Notes Red. Plotted
Survey of Marina del Rey Date Date
Survey by Emlsh Notes Ed. Notes Chkd. Checked
Indexed C. J. Date Date Date
Profile No. X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		17 43				
8+45 0			4 92	12 51	125 3 R., Av. rim el.	mea. + Dia. = Rod
				- 2 47	F.L. 26" E'ly. Inlet	12.82 + 2.16 = 14.98
				- 2 52	F.L. 26" W'ly. Outlet	12.87 + 2.16 = 15.03
9+92 8	1 19	13 64	4 98	12 45	123 2 R., Av. rim el.	mea. + Dia. = Rod
				-2 20	F.L. 26" E'ly. Inlet	12.49 + 2.16 = 14.65
				-2 28	F.L. 26" W'ly. Outlet	12.57 + 2.16 = 14.73
11+28 1			6 42	7 22	127 0 R., Av. rim el.	
				- 0 48	F.L. 8" N'ly. Inlet	7.03 + .67 = 7.70
				- 0 47	F.L. 8" S'ly. Inlet	7.02 + .67 = 7.69
				- 1 92	F.L. 26" E'ly. Inlet	6.98 + 2.16 = 9.14
				- 2 03	F.L. 26" W'ly. Outlet	7.09 + 2.16 = 9.25
fd. B.M. Rey 56			3 91	9 73	B.M. Rey 56, el = 9.722, F.B. 2224-56	
					℄ Washington St. 41' W. of ℄ P.E. tracks	
					City Eng. mon. in H.H.	

Notes Ck'd by	Survey of Marina Del Rey	F. B. 2380 Pg. 189
Map No.	JN 8910.02 Tape 0117 Std. 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 7-59	
Date	Indexed J. C. Johnson 7-31-59	

MARINA DEL REY

J.N. 8910.02

LOCATION OF SUNKEN
BARGE IN LAKE
LOS ANGELES

July 30, 1959
English
Landa
Foulger
Wallace

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RETURN TO
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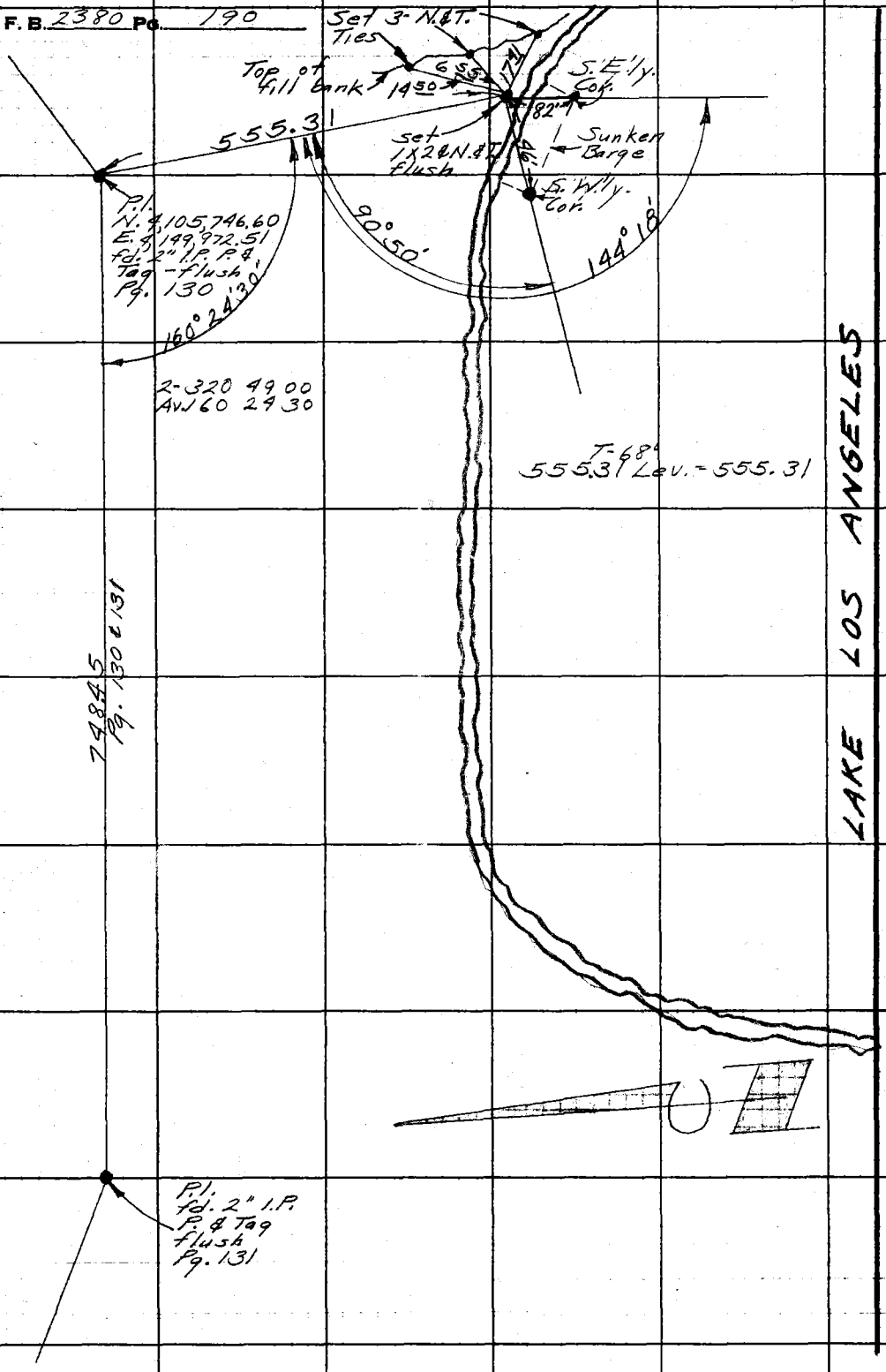
700 LOS ANGELES COUNTY ENGINEERING BLDG.

78F309S CE #247—3-57

F. B. 2380 Pg. 190



LAKE LOS ANGELES

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

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76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
Elevations - Sunken Barge in Lake Los Angeles					
fd. B.M. Rey #17	3 84	13 89		10 05	B.M. Rey #17, el = 10.048, F.B. 1843-105
	3 11	8 15	8 85	5 04	T.P.
			7 05	1 10	Top S.E'ly. cor. of sunken barge
			12 38	- 4 23	Lake Bot. at S.E'ly. Cor. "
			11 40	- 3 25	Top S.E'ly. cor. of sunken barge
			13 0	- 4 8	Lake Bot. at S.E'ly. Cor. "
			9 00	- 0 85	Top - Tow & Bit - 2' S.E'ly. from S.E'ly cor. barge

Profile Notes Red. ____ Plotted ____ Job No. 8910.02 Division No. 10 F. B. 2380 Pg. 191
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 7-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

Notes Ck'd by	Survey of Marina Del Rey	F. B. 2380 Pg. 193
Map No.	JN 8910.02 Tape 0117 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 8-12-59	
Date	Indexed C. JOHNSON DEC 1 '59	

MARINA DEL REY

J.N. 8910.02

FENCE STAKING
SURVEY

AT:
WASHINGTON ST.
AND P.E. RAILWAY

ALSO:
PACIFIC AVE.
FROM: 56th AVE.
TO: 60th AVE.

Aug. 12, 1959
English
Landa
Foulger
Wallace
Dupuis

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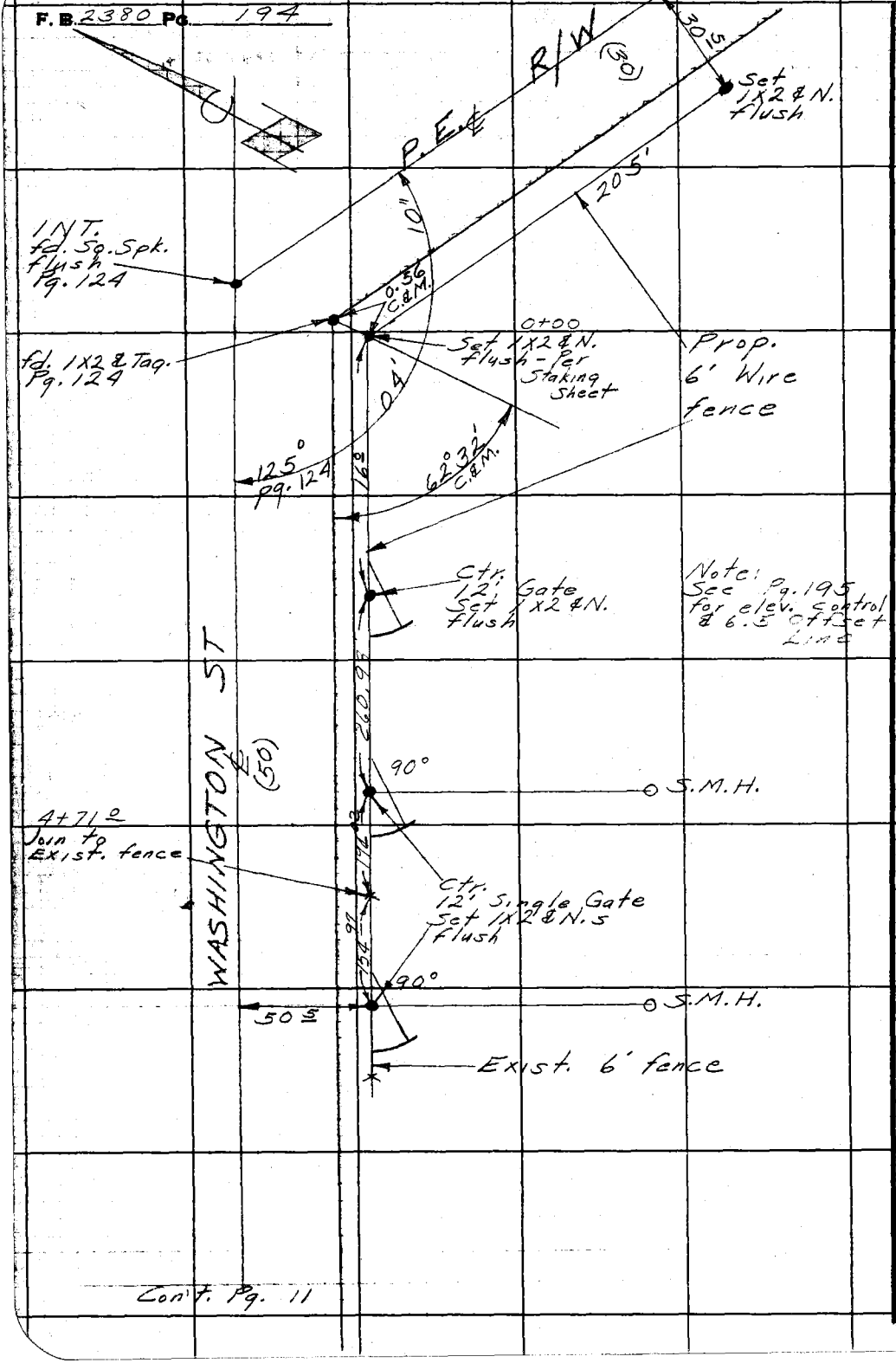
76F3095 CE #247—3-57

Con't. Pg. 123

F. B. 2380 PG. 194



Con't. Pg. 11

RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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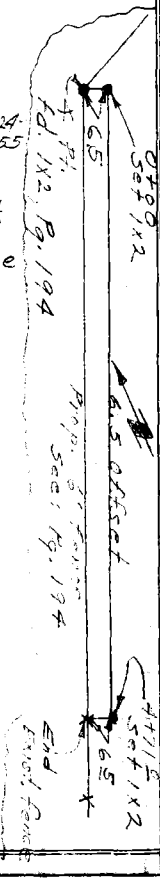
76L298 S & E #307 9-54

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	6.5 Offset To: Prop. 6' fence			
					%	Grade el.	Cut or fill	
fd. B.M. Rey #56	4 07	13 82		9 75				B.M. Rey #56, el= 9.748, F.B. 2224-56
0+00			3 92	9 90	0.27 %	10.40		T. cb.
4 +71°			5 18	8 64		9.14		T. cb.
fd. B.M. Rey #53			4 44	9 38				B.M. Rey #53, el= 9.376, F.B. 2224-55
0+00	5 14	15 04		9 90				T. cb.
0+00			5 12	9 92		10.40	F-.48	6.5 R., fence & Pt.
0+50			3 22	11 82		10.27	C-1.55	" " Prop. fence line
1+00			5 00	10 04		10.13	F-.09	" " " "
1+50			3 17	11 87		10.00	C-1.87	" " " "
2+00			6 27	8 77	0.27 %	9.86	F-1.09	" " " "
2+50			6 03	9 01		9.73	F-.72	" " " "
3+00			5 52	9 52		9.59	F-.07	" " " "
3+50			5 86	9 18		9.46	F-.28	" " " "
4+00			6 25	8 79		9.32	F-.53	" " " "
4+50			6 13	8 91		9.19	F-.28	" " " "
4+71			5 67	9 37		9.14	C-.23	" " " "
4+71			6 40	8 64		.		T. cb.



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8910.02 Division No. 10 F. B. 2380 Pg. 195
X-Sec. No. ____ Date ____ Date ____ Survey of Marina Del Rey
Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 8-12-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date

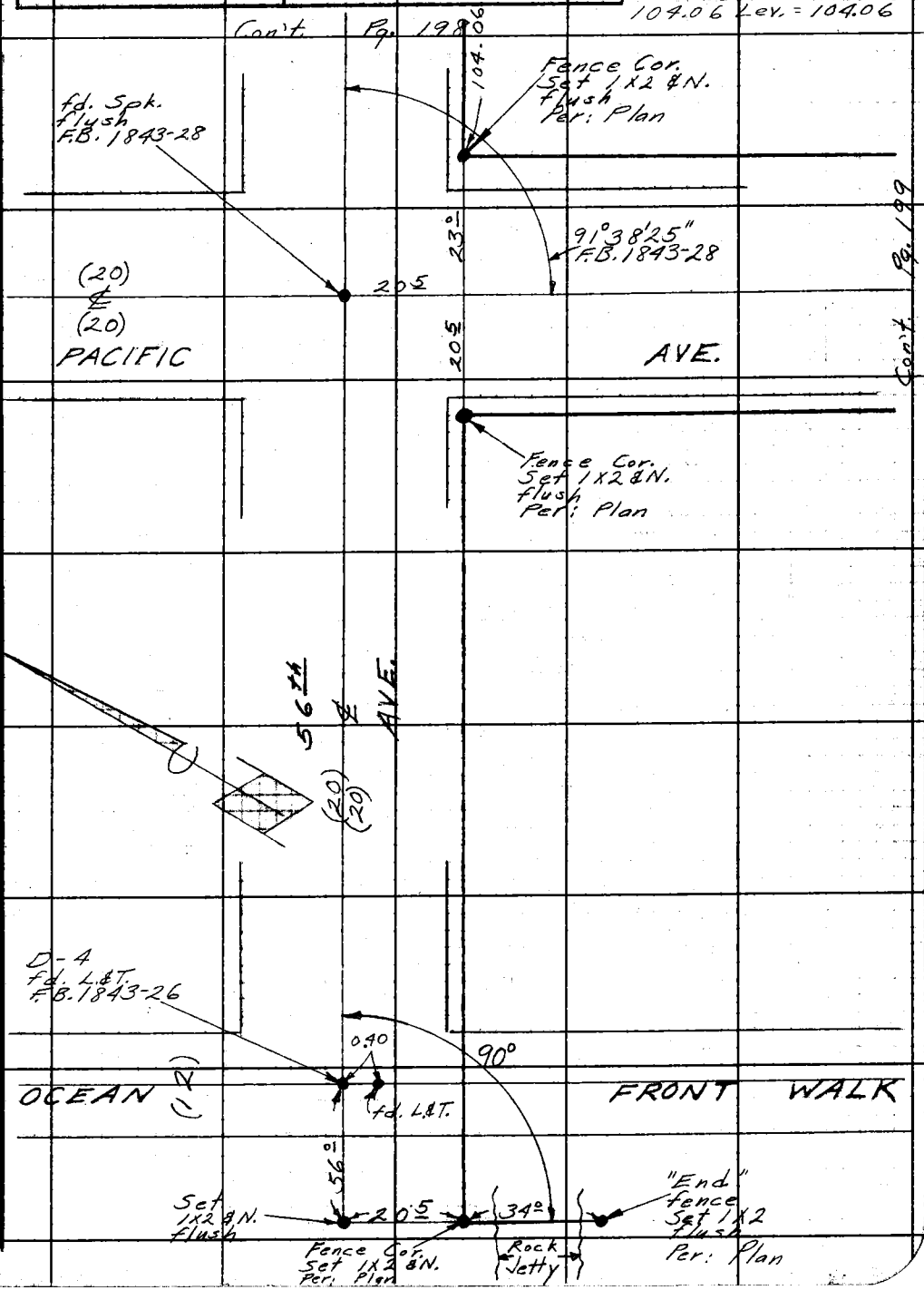
Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.02 Tape 2117 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 8-13-59
Date	Indexed C. Johnson

F.B. 2320 Pg. 197

Note: Red = Prop. fence

T=68°
104.06 Elev. = 104.06

Con't. Pg. 198



Con't. Pg. 199

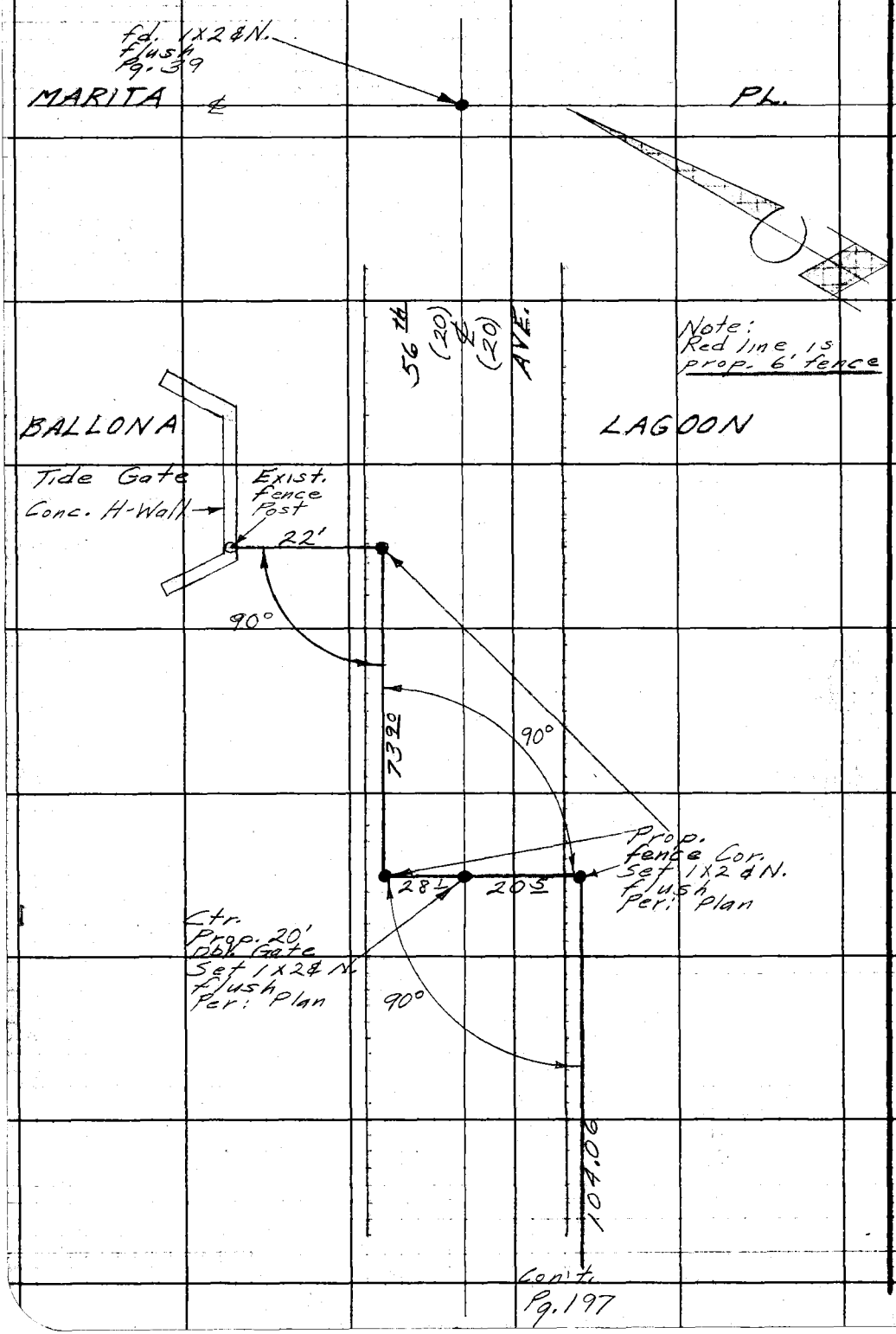
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F309S CE #247—3-57

F. B. 2380 Pg. 198

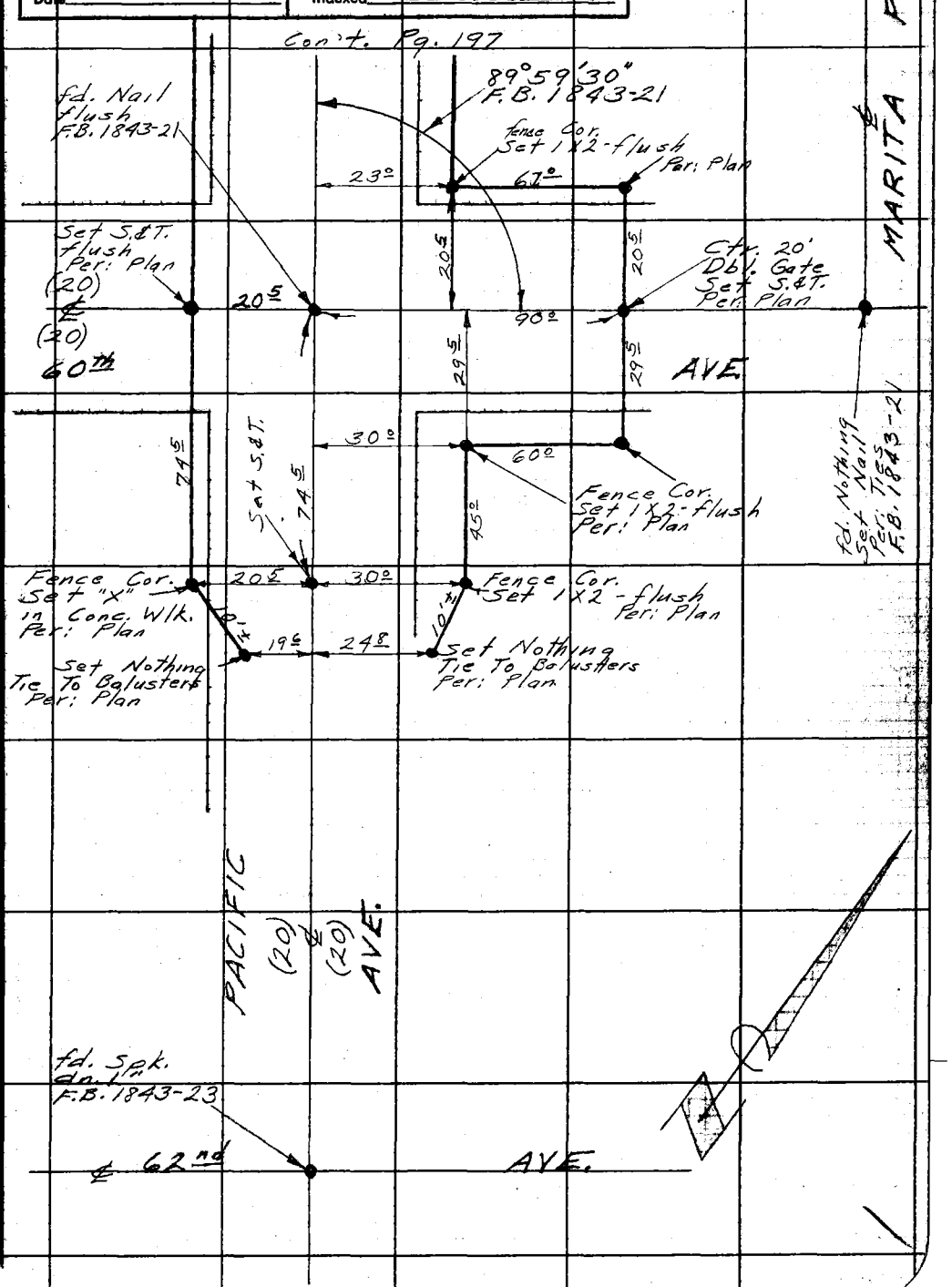


RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Marina Del Rey	F.B. 2380 Pg. 199
Map No.	JN 8910.03 Tape 0117 Std 68 °F	Note: Red line is prop. 6' fence
Office Work	Surveyed by English	
Checked	Notes Ed. Date 8-14-59	
Date	Indexed E. C. Johnson	



N.S. 23-B4

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

Do not extend notes this side of this line.

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

76F309S CE #247—3-57

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.72 Tape Std °F
Office Work	Surveyed by Dougherty
Checked	Notes Dougherty Date 8-25-59
Date	Indexed [redacted]

F. B. 2380 Pg. 201

J.N. 8910.72.
Marina Del Rey
Establishment of Horizontal
Control to hold Location of
Moles during Construction

8-25-59.

Dougherty
Newman
Sandoval
Moore

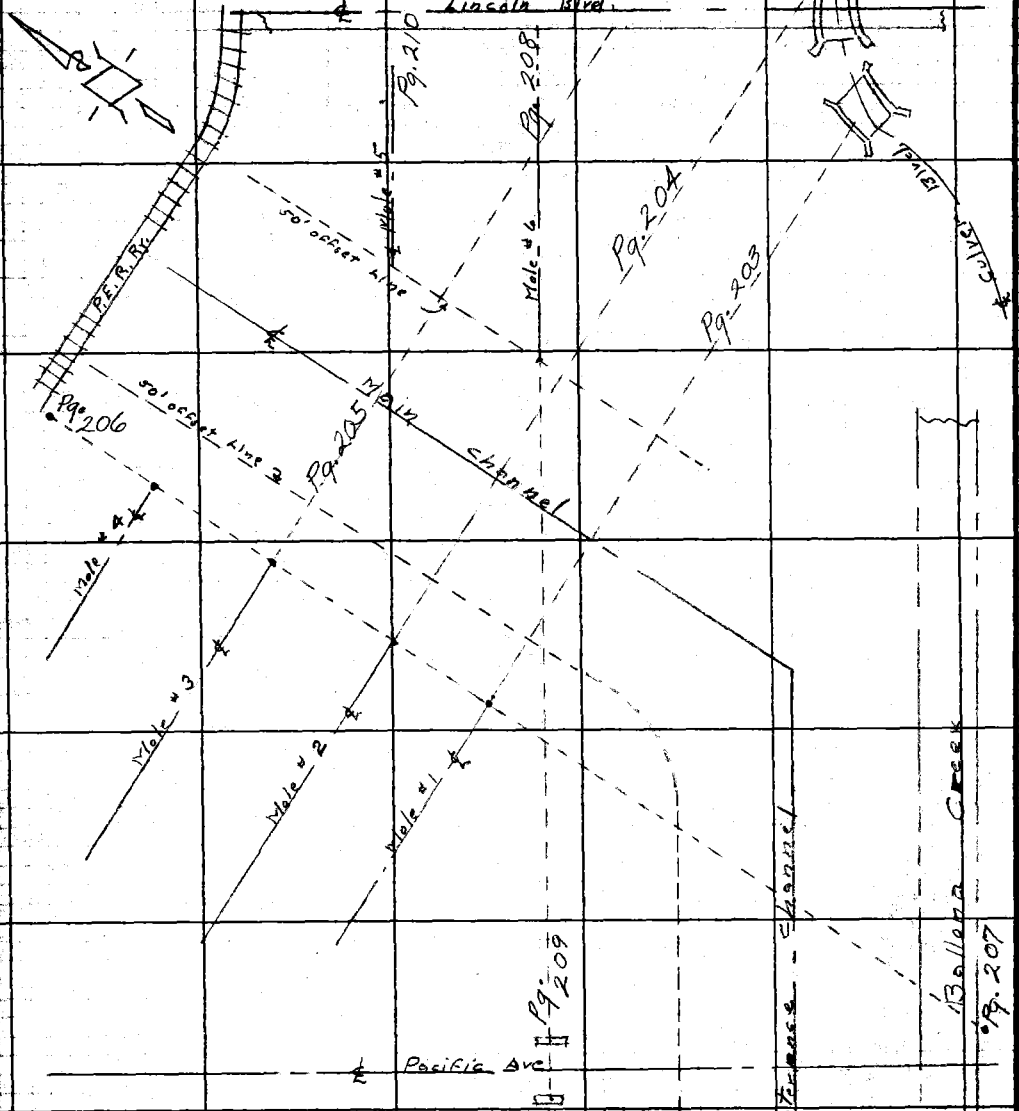
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3099 CE #247—3-57

F. B. 2380 Pg. 202



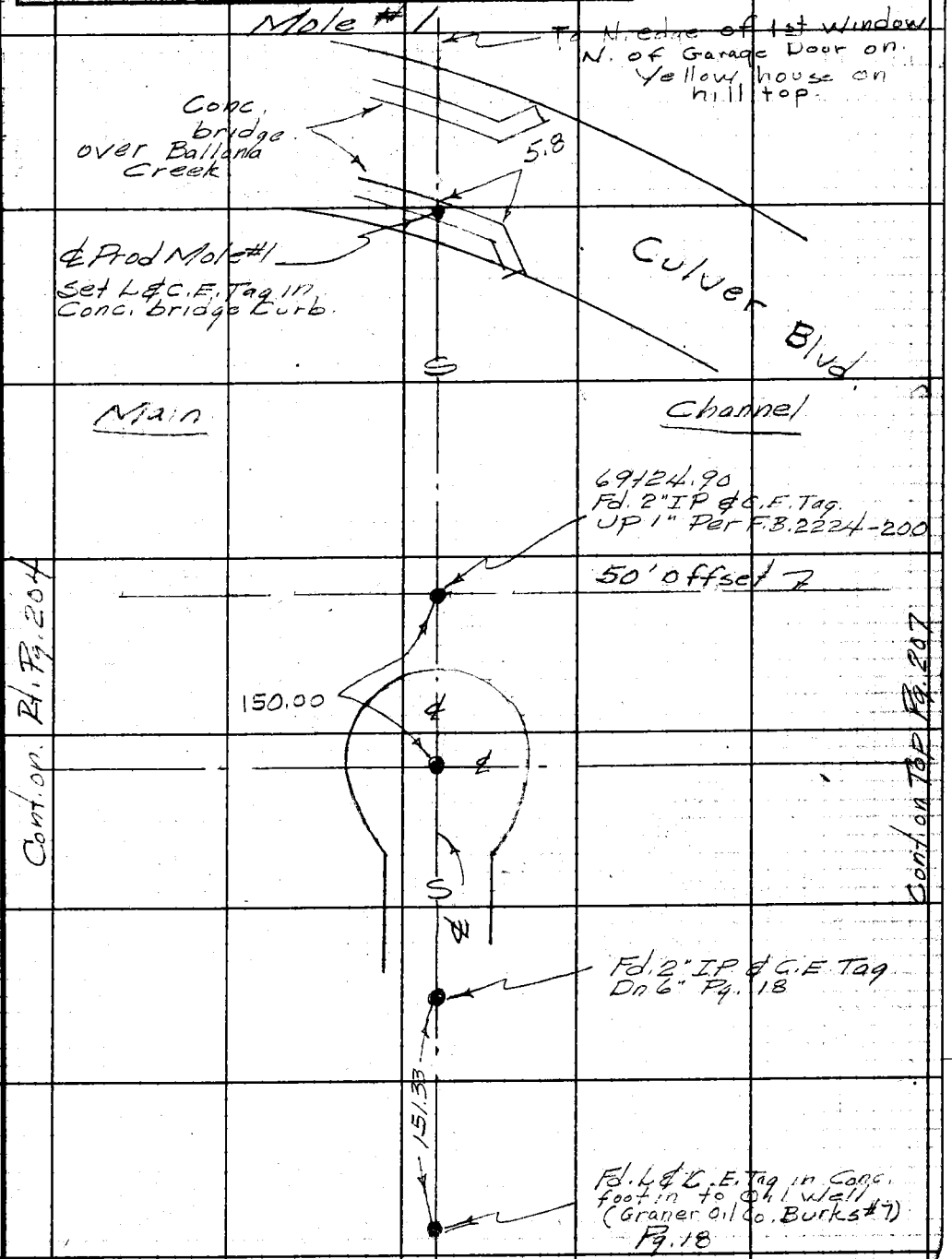
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 59107 Tape 074 Std 68 °F
Office Work	Surveyed by Dougherty
Checked	Notes Date 8-25-71
Date	Indexed L. C. Johnson

F. B. 2380 Pg. 203



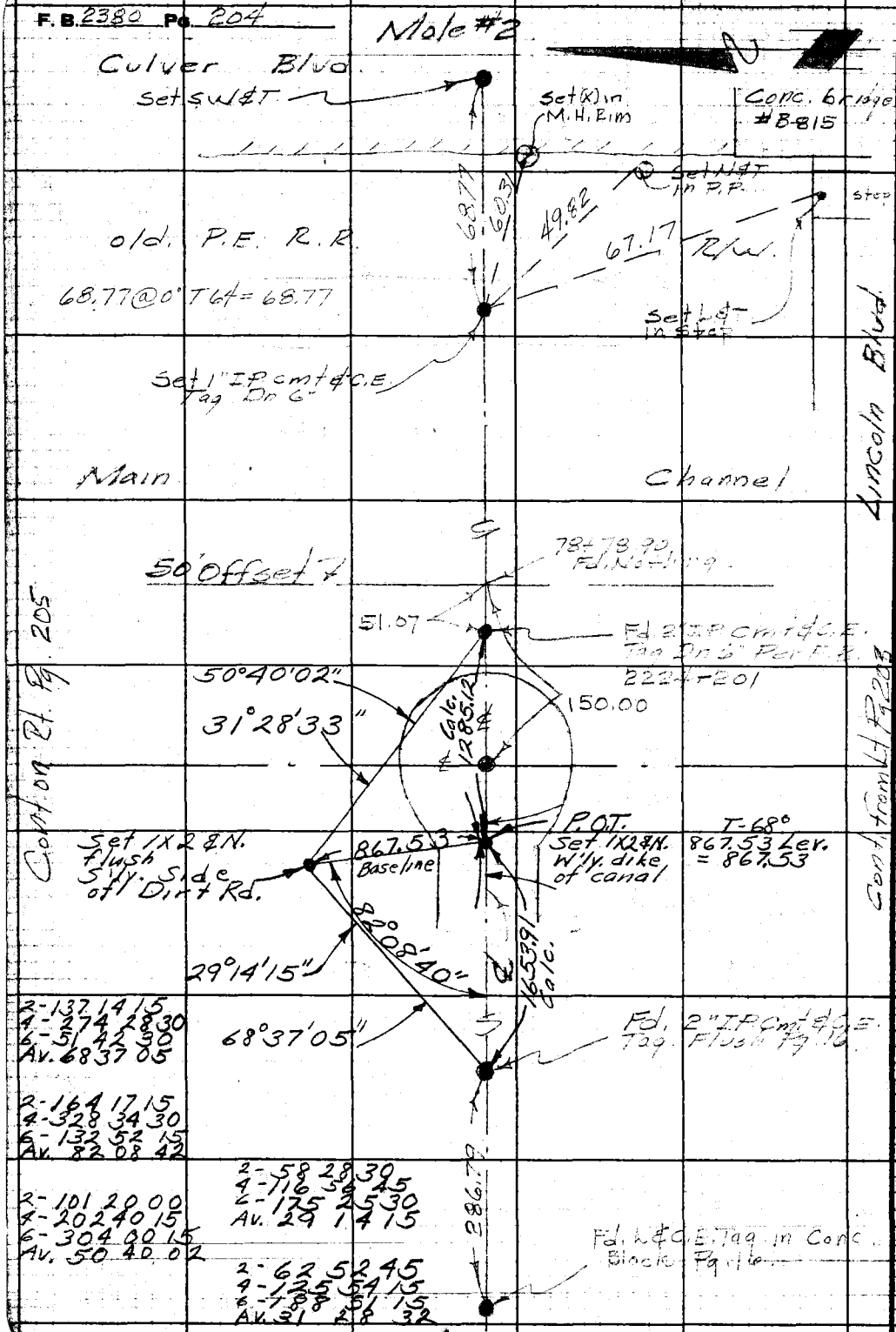
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F309S CE #247—3-57

F.B. 2380 Pg. 204



2-137 14 15
4-274 28 30
6-51 42 30
Av. 68 37 05

2-164 17 15
4-328 34 30
6-132 52 15
Av. 82 08 42

2-101 20 00
4-202 40 15
6-304 00 15
Av. 50 40 02

2-58 28 30
4-116 56 45
6-175 25 30
Av. 29 14 15

2-62 52 45
4-125 54 15
6-188 51 15
Av. 31 28 32

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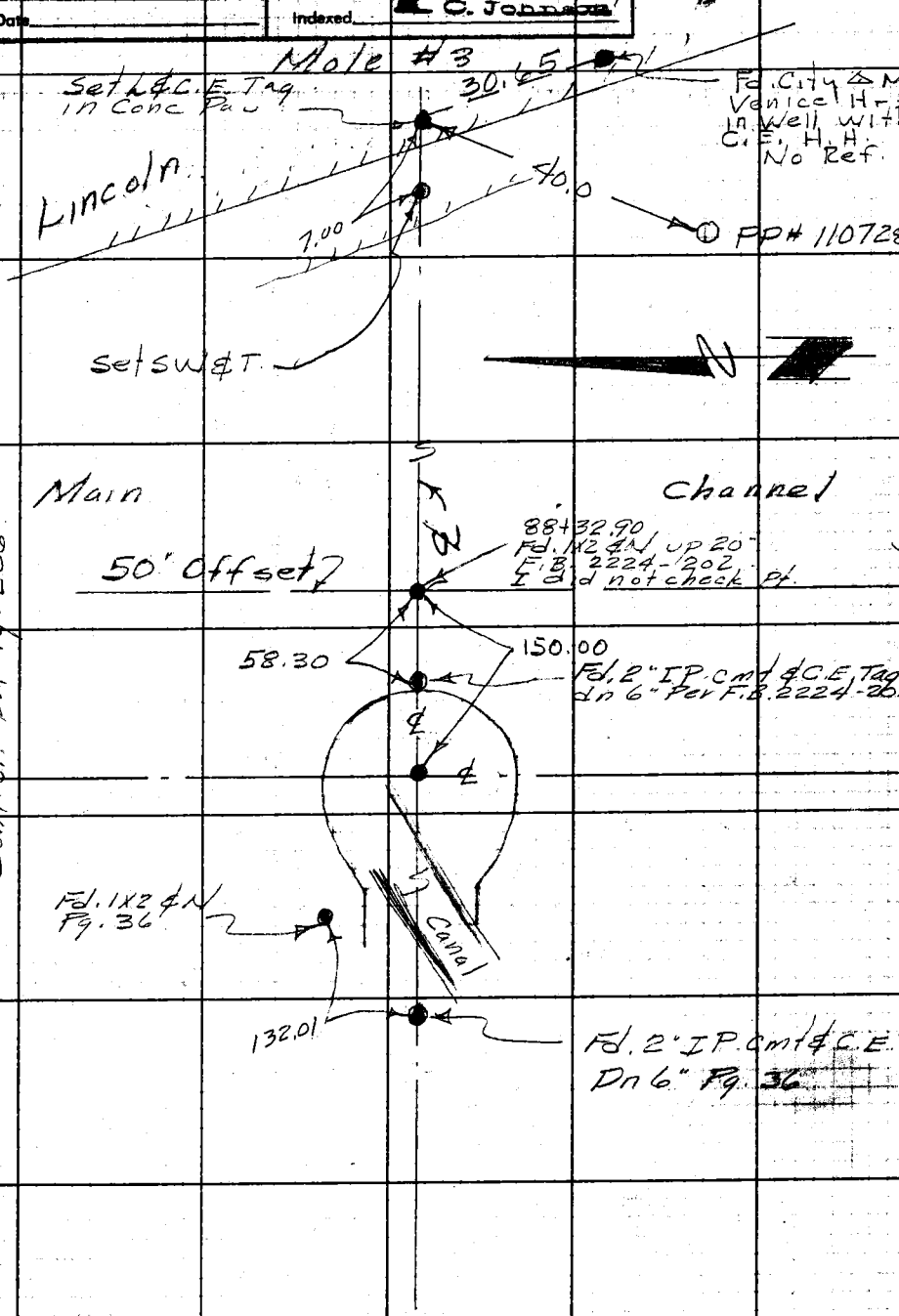
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of Marina Del Rey
JN 8910.72 Tape 143 Std 86° °F
Surveyed by Dougherty
Notes
Indexed C. Johnson

F.B 2380 Pg. 205



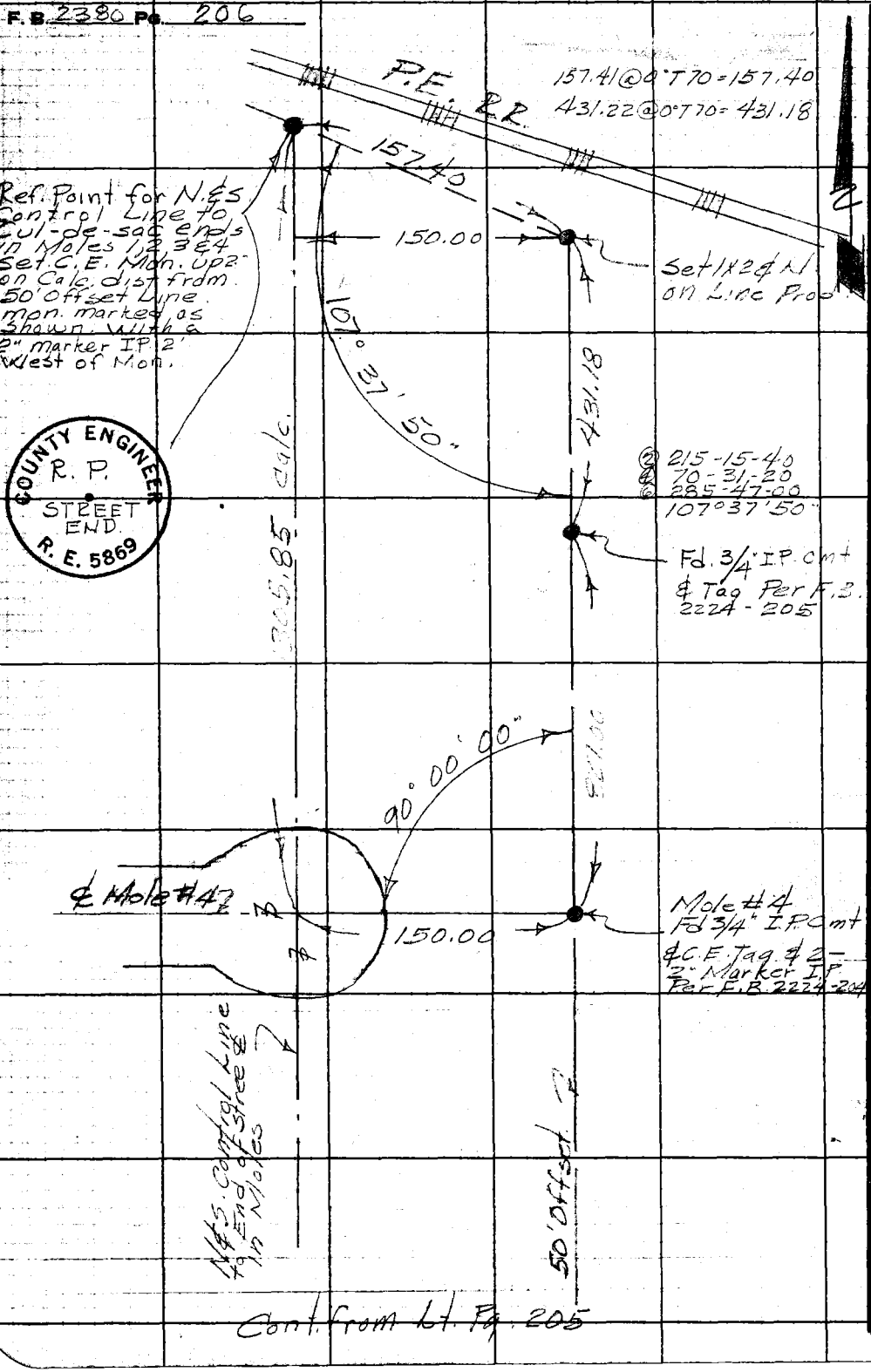
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3095 CE #247—3-57

F.B. 2380 PG. 206



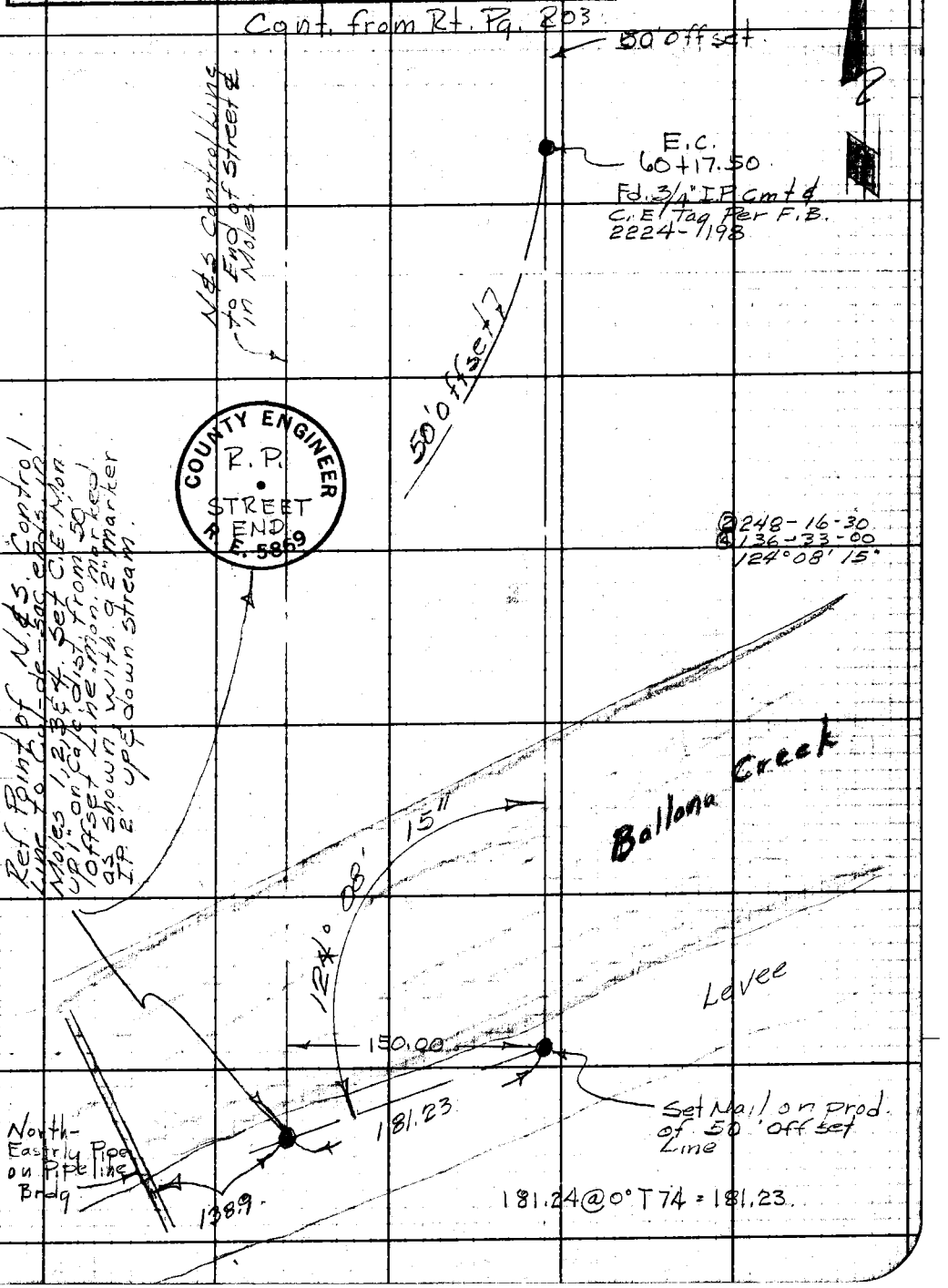
Cont. from Lt. Pg. 205

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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Marina Del Rey	F.B. 2380 Pg. 207
Map No.	JN 8910.72 Tape 143 Std 84 °F	
Office Work	Surveyed by Dougherty	
Checked	Notes — Date 8-27-59	
Date	Indexed A. C. Johnson	



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

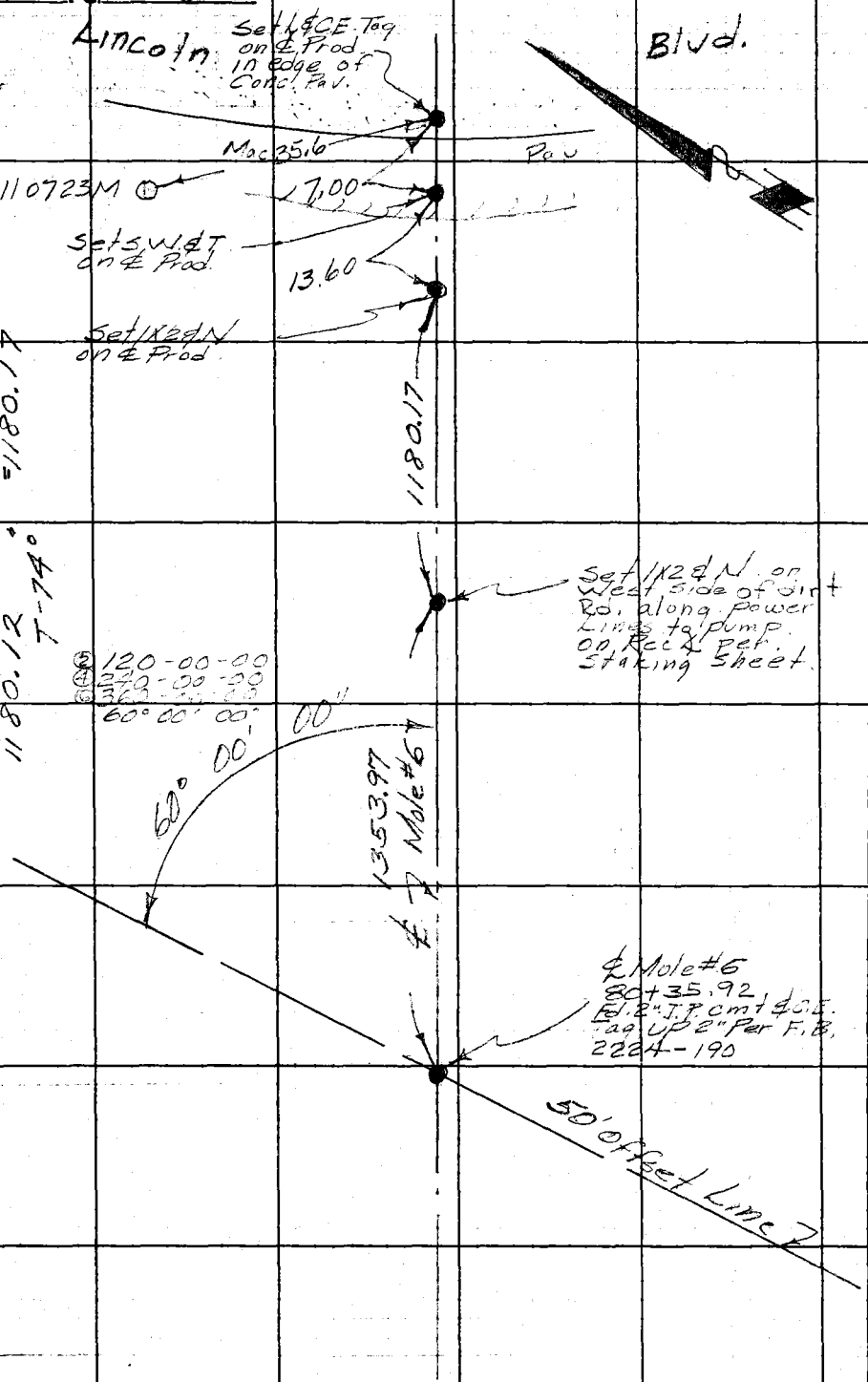
Do not extend notes this side of this line.

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

76F309S CE #247—3-57

F. B. 2380 Pg. 208

Mole #6



Cont. on Top Pg. 209

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

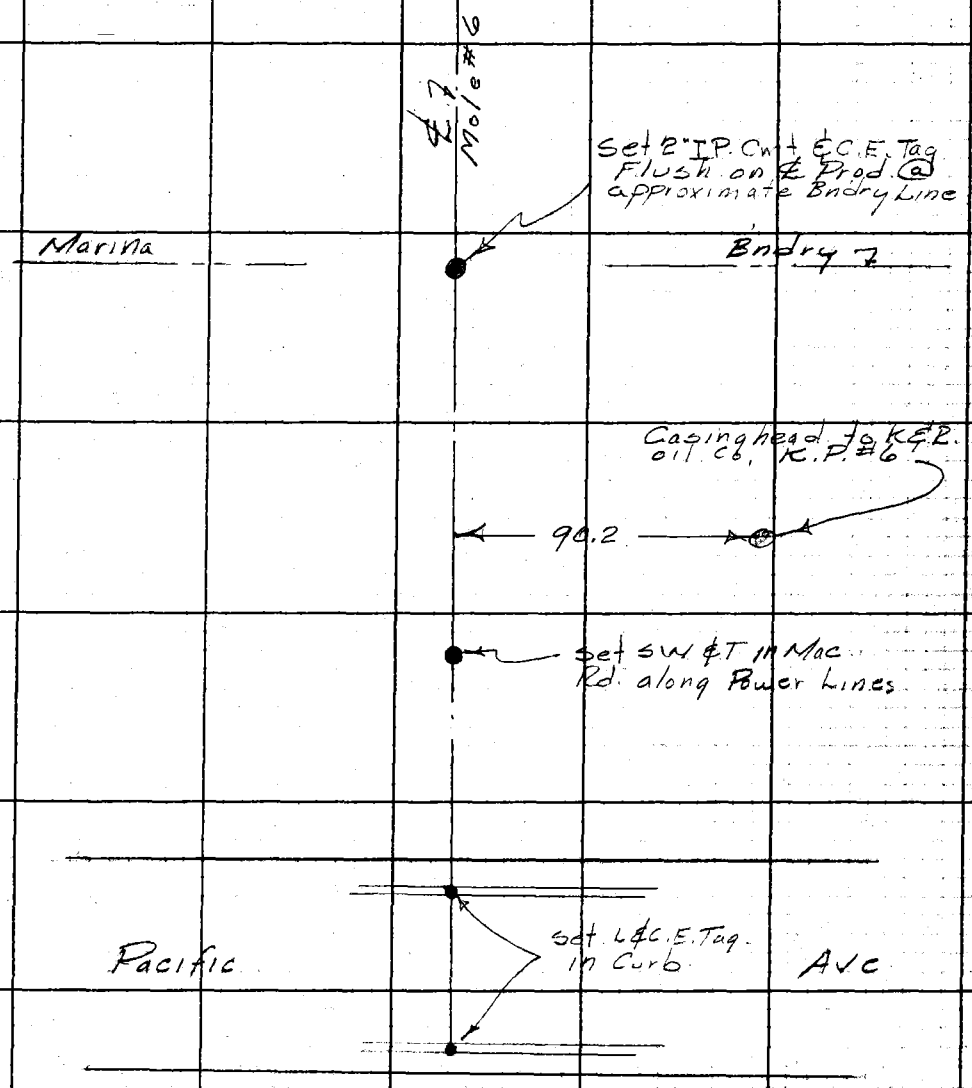
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.72 Tape #3 Std 84 °F
Office Work	Surveyed by Daugherty
Checked	Notes Date 8-28-59
Date	Indexed J. O. Johnson

F. B. 2380 Pg. 209

Cont. from Bot. Pg 208



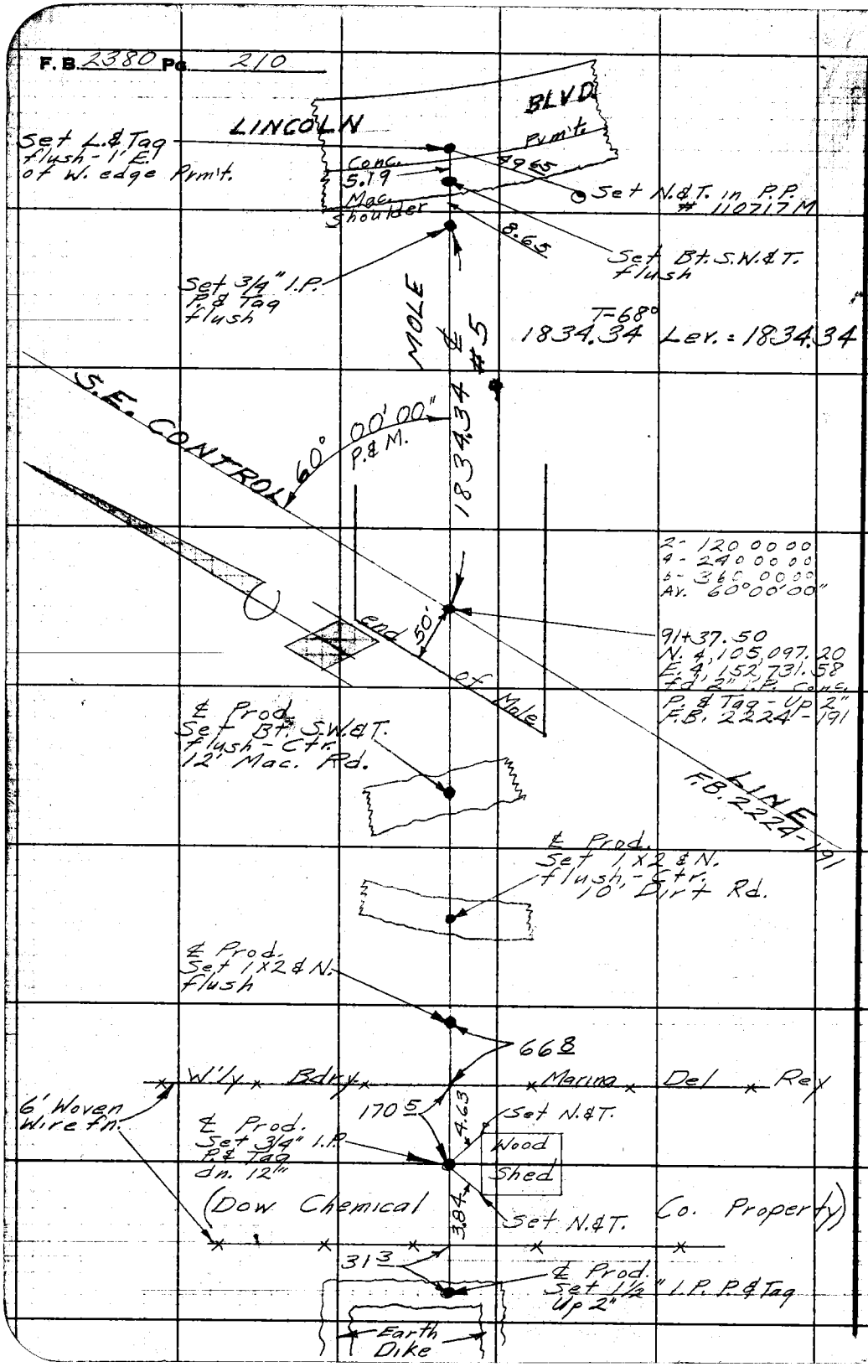
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F209S CE #247—3-57

F. B. 2380 Pg. 210

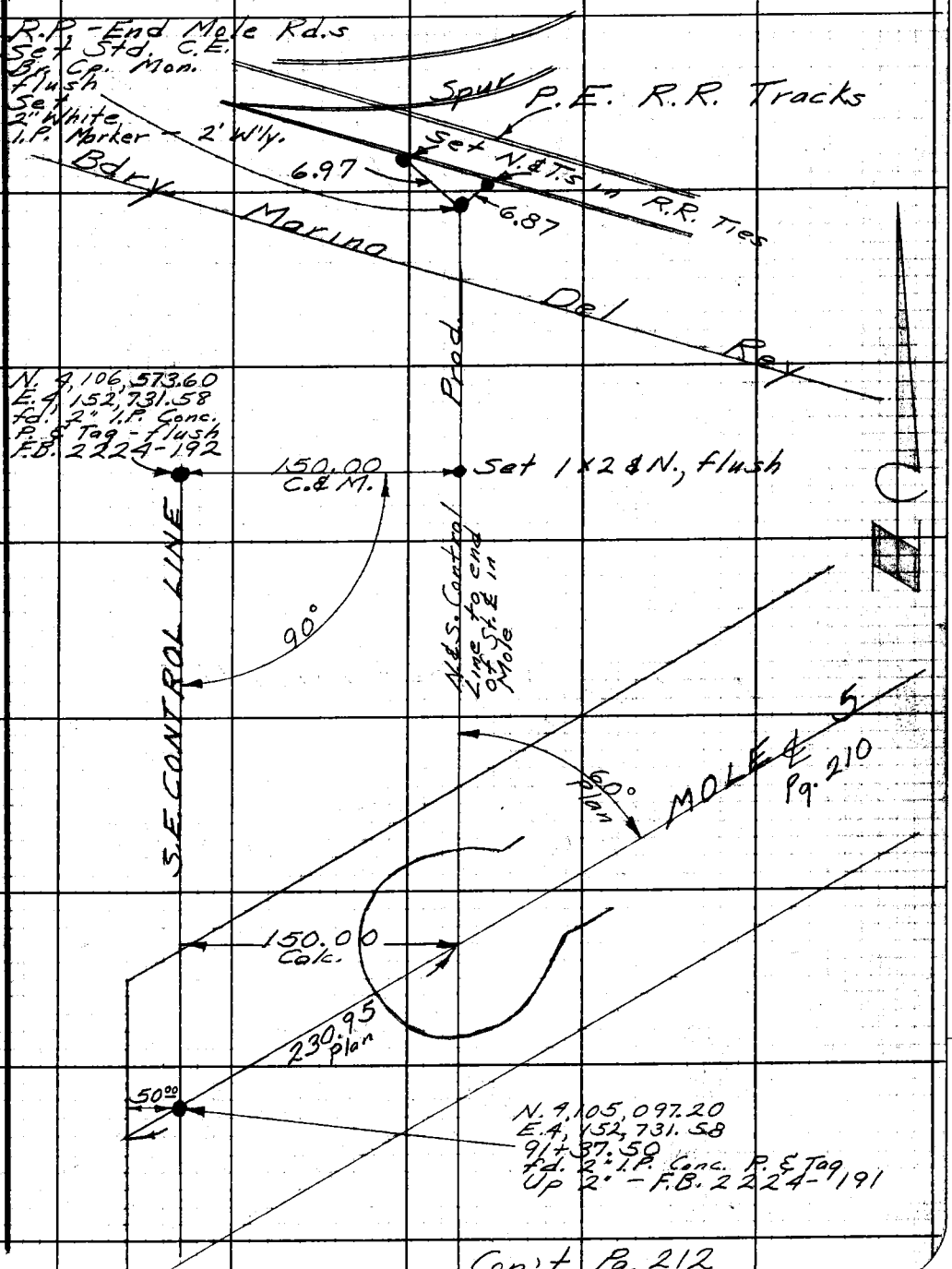


RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Marina Del Rey	F. B. 2380 Pg. 21[illegible]
Map No.	JN 8910.72 Tape 117 Std. 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 9-59	
Date	Indexed [illegible]	



Con't. Pg. 212

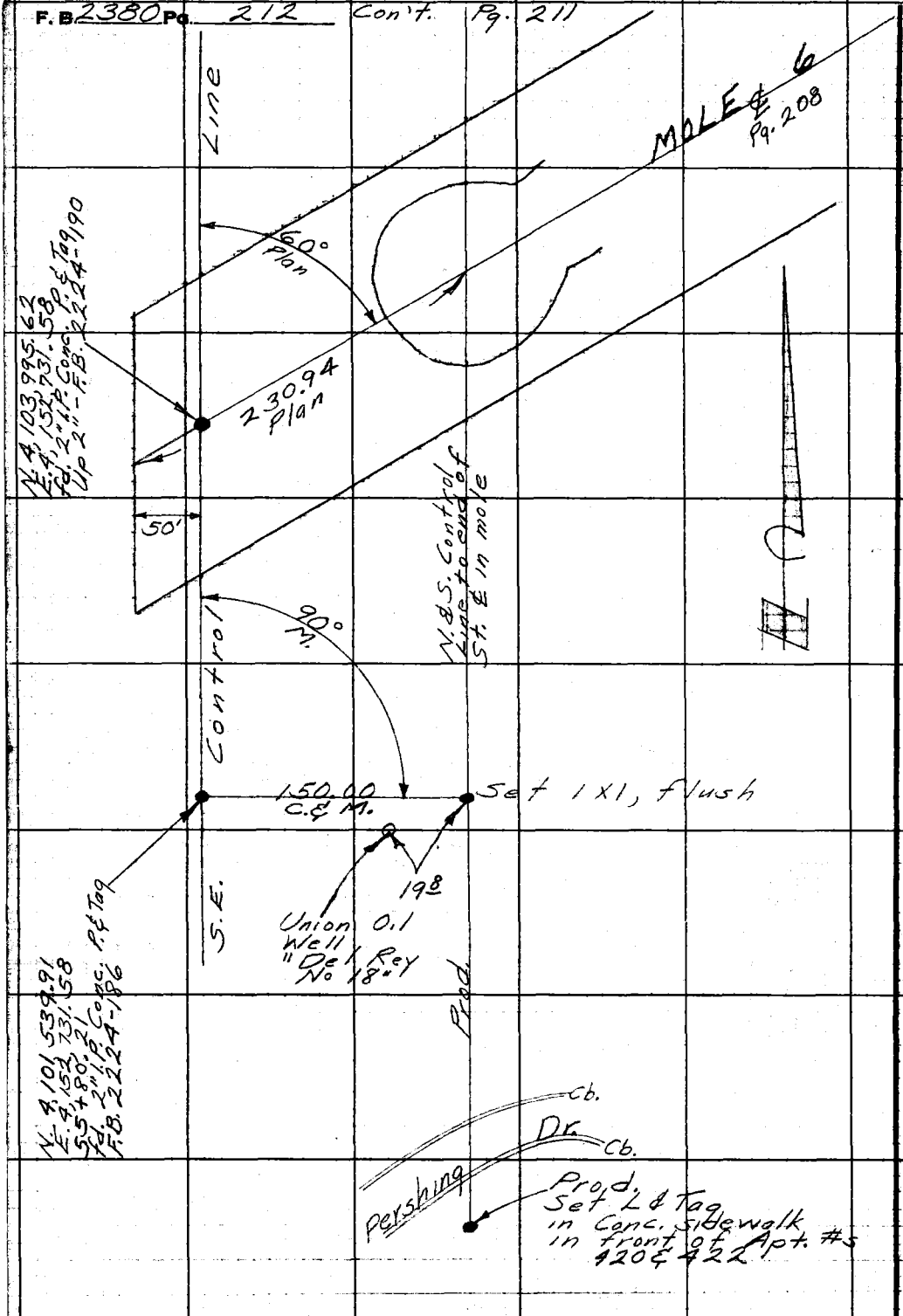
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F309S CE #247—3-57

F. B. 2380 Pg. 212 Con't. Pg. 211



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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 8910.02 Tape — Std — °F
Office Work	Surveyed by English
Checked	Notes Landa Date Sept-59
Date	Indexed K. C. Johnson 10-8-59

F. B 2380 Pg. 213

MARINA DEL REY

SITE
CLEARANCE
PHASE-B
U.N. 8910.02

BOUNDARY SURVEY
DISPOSAL AREA
NO. 1

PARTY:
English
Landa
Wallace
Foulger
Dupuis

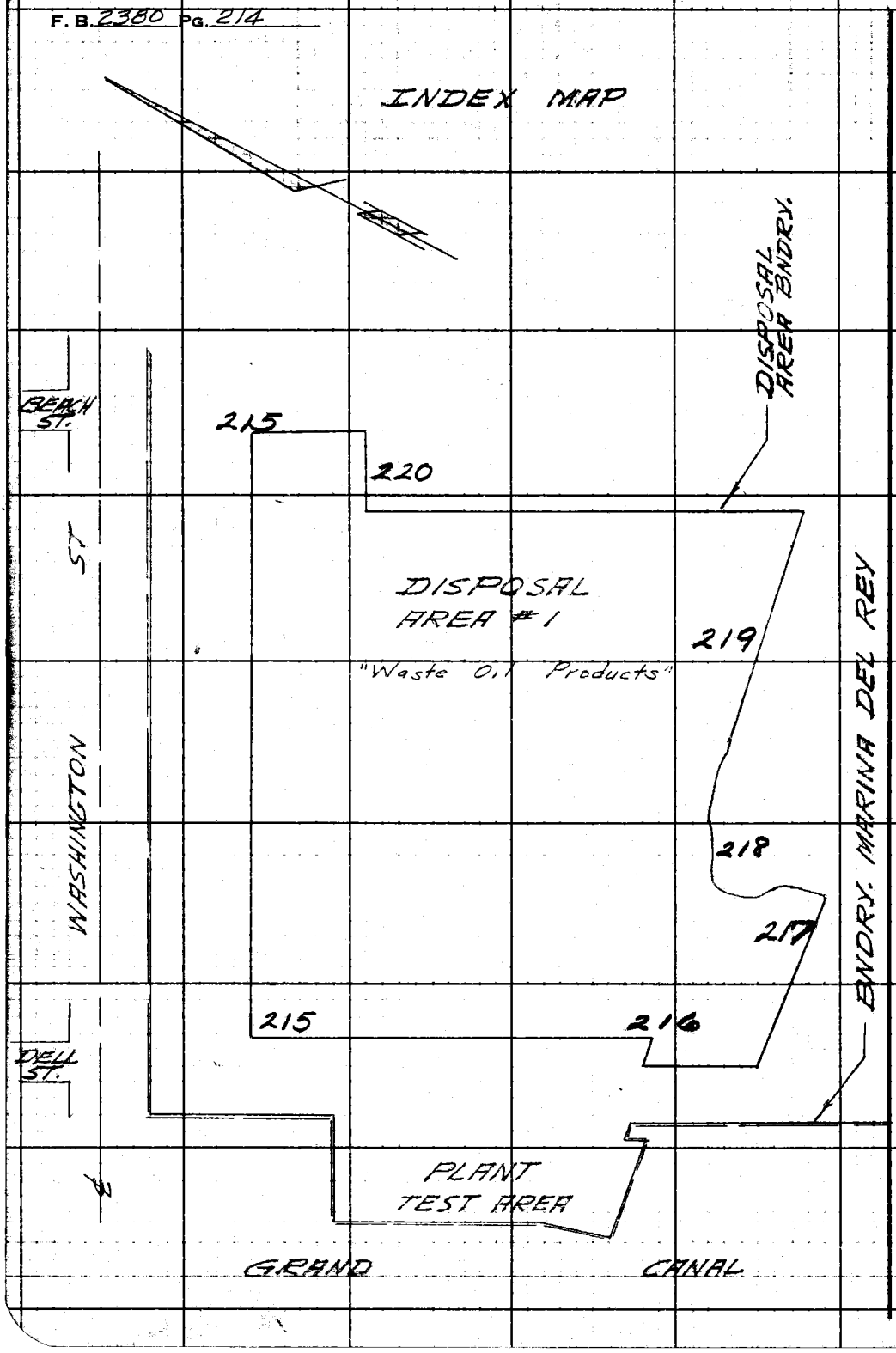
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
2000 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-59

F. B. 2380 PG. 214

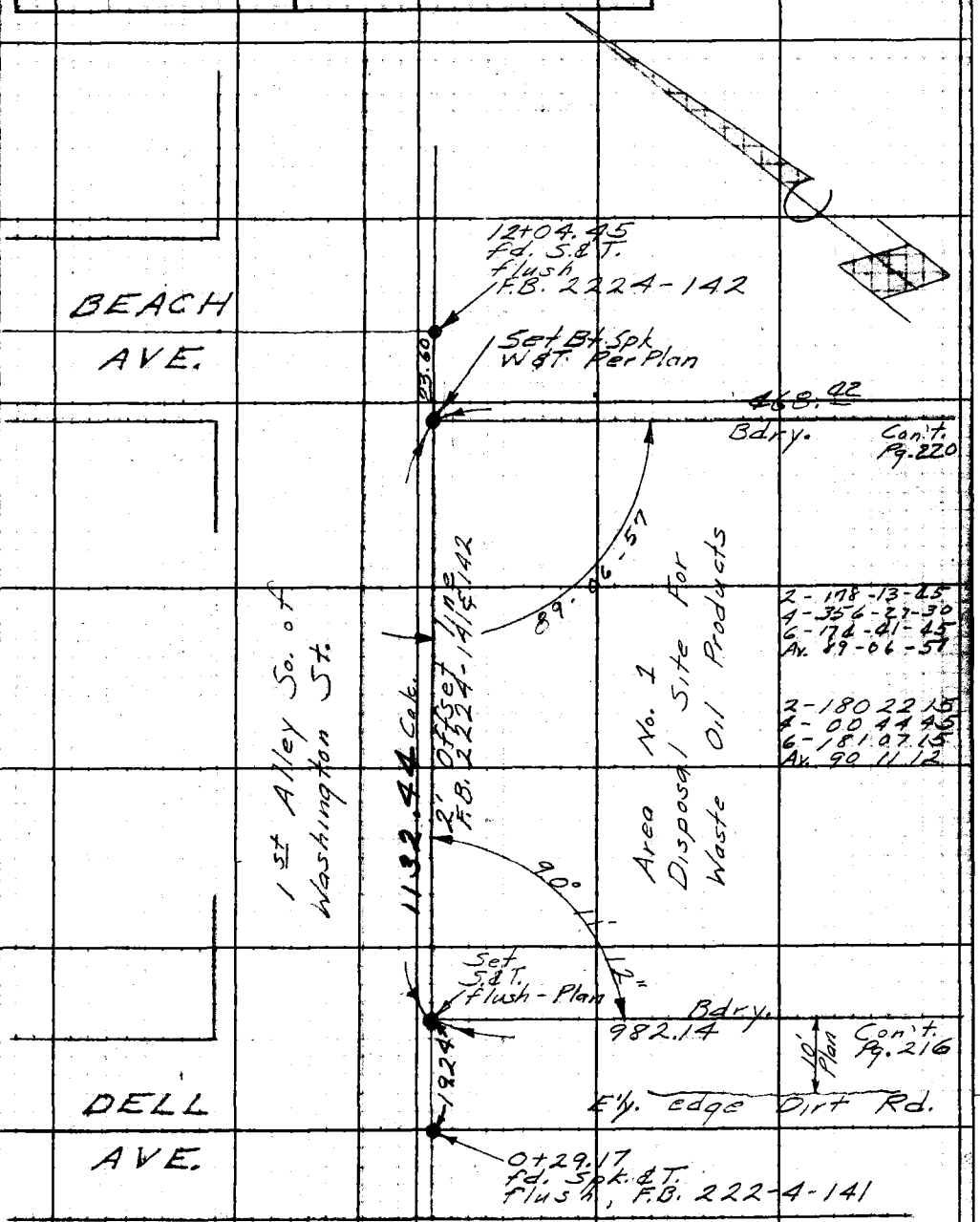


RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Marina Del Rey	F. B. 2380 Pg. 215
Map No.	JN 8910.02 Tape 0161 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 9-59	
Date	Indexed C. Johnson	

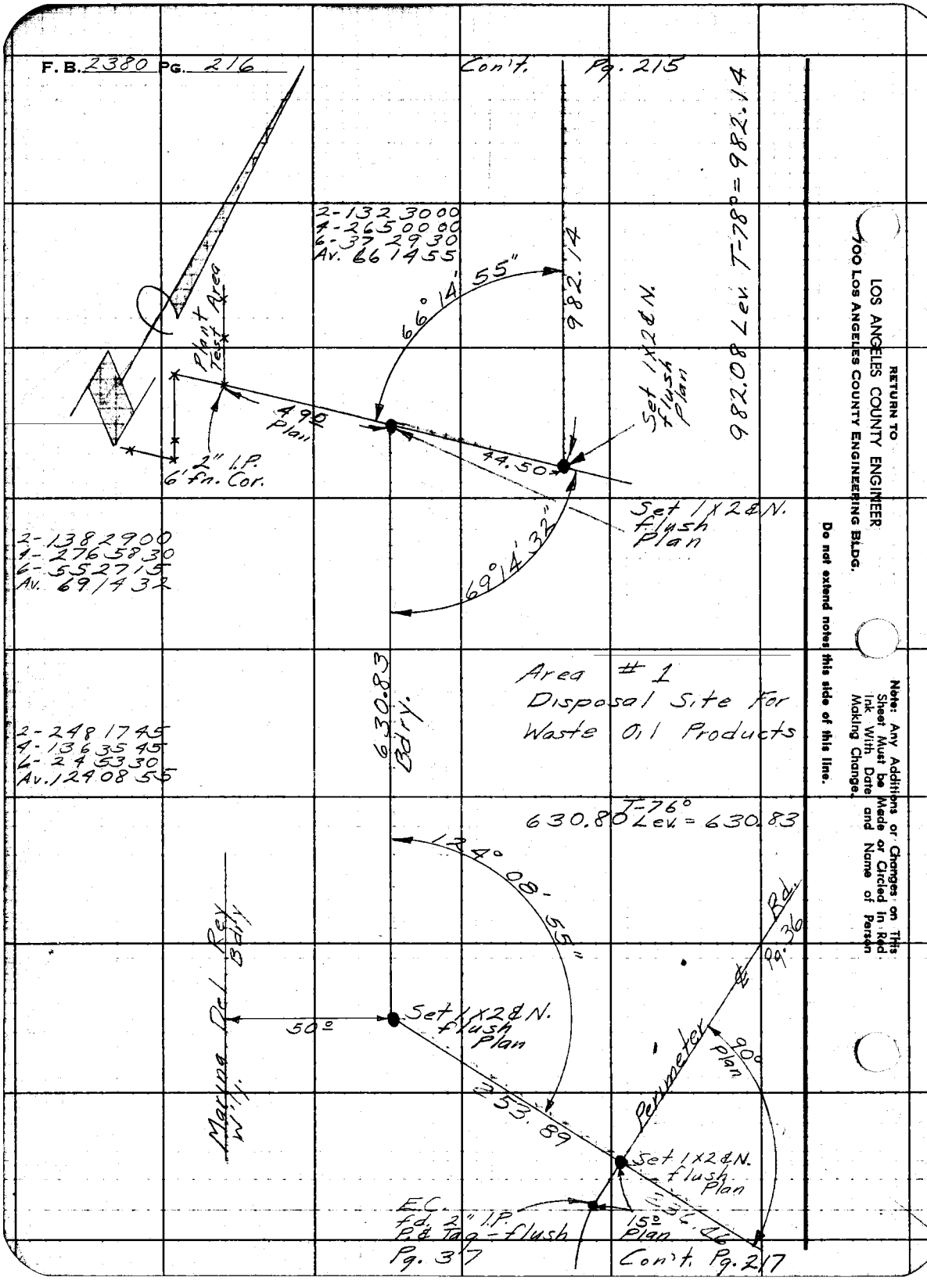


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763098 CE #247—7-53


F. B. 2380 PG. 216
Con't. Pg. 215
982.08 Lev. T-78° = 982.14
2-1323000
4-2650000
6-3729 30
Av. 661455
66° 14' 55"
982.14
Plant Test Area
49.0 Plan
2" I.P. 6' fn. Cor.
44.50
Set 1X2 & N. flush Plan
Set 1X2 & N. flush Plan
69° 14' 32"
2-1382900
4-2765830
6-5527 15
Av. 691432
630.83 Bdry.
Area #1
Disposal Site for
Waste Oil Products
2-2481745
4-1363545
6-2453 30
Av. 1240855
T-76°
630.80 Lev. = 630.83
124° 08' 55"
Marina Del Rey Bdry
Rd.
Pg. 36
50°
Set 1X2 & N. flush Plan
Perimeter
90° Plan
253.89
Set 1X2 & N. flush Plan
E.C. fd. 2" I.P. P. & Tag - flush
15° Plan
Pg. 37
Con't. Pg. 217
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of Marina Del Rey
JN 8910-02 Tape 0161 Std 68 °F
Surveyed by English
Notes LA 703 Date
Indexed C. Johnson

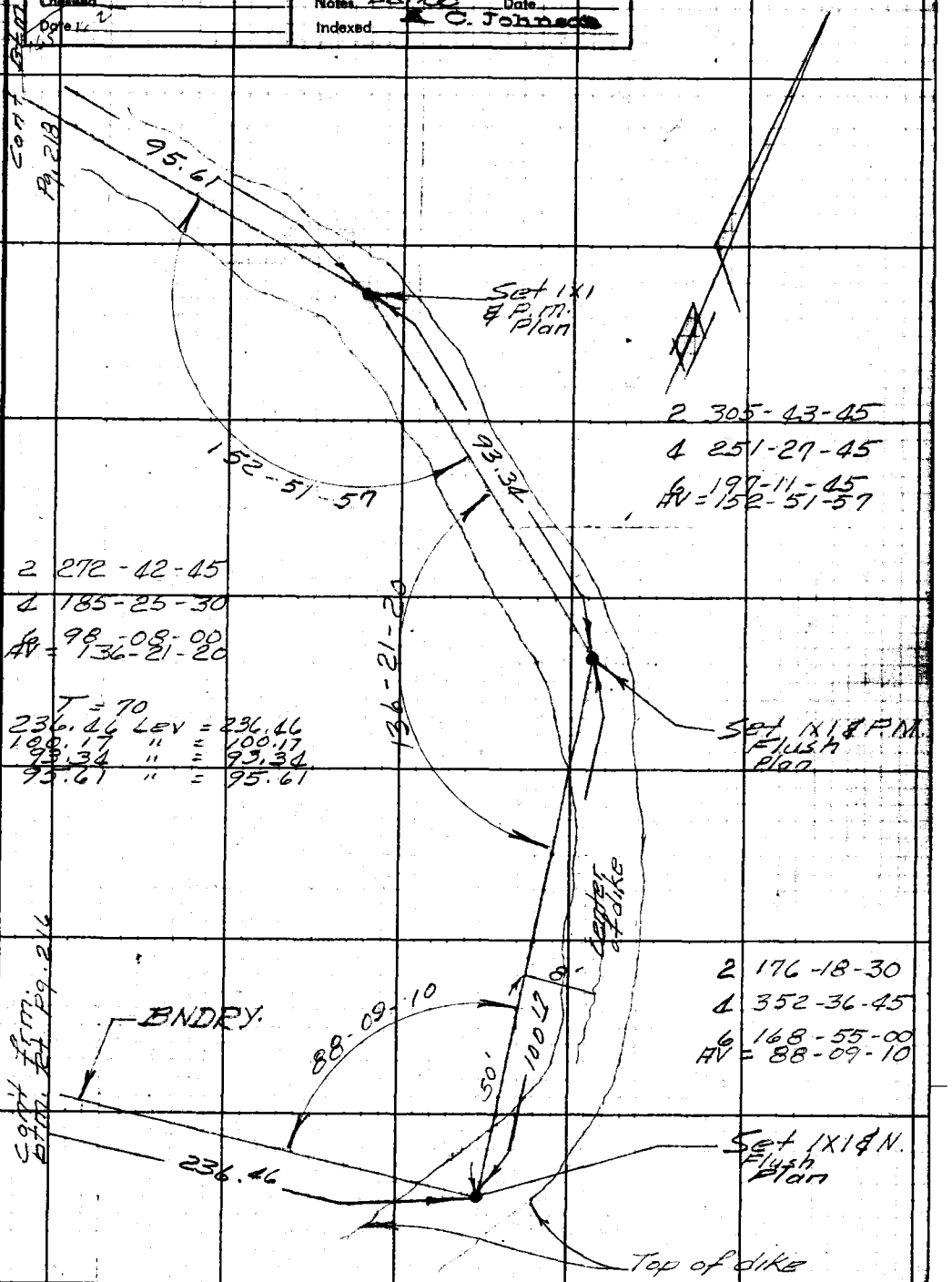
F. B. 2380 PG. 217

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

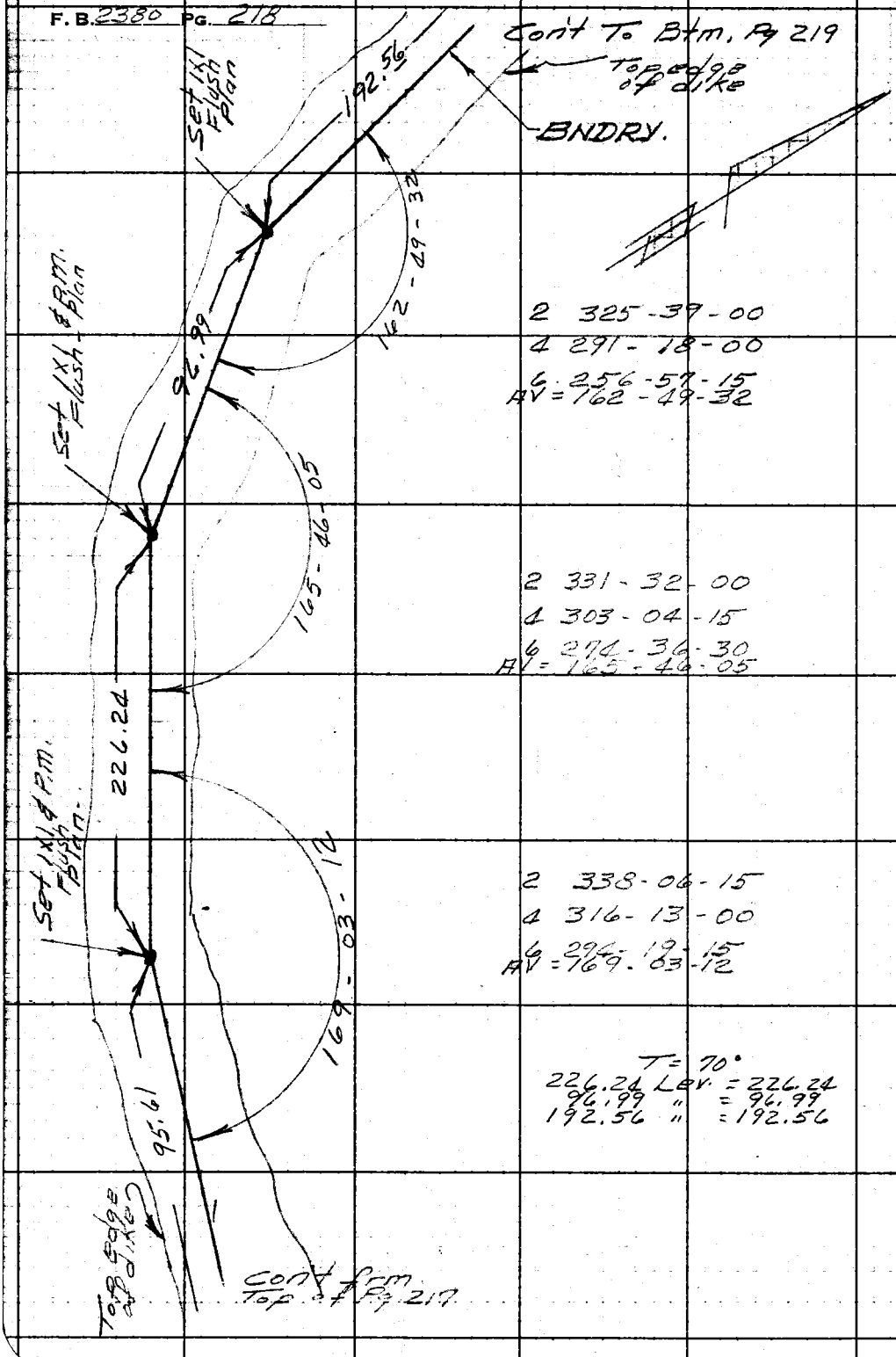
Do not extend notes this side of this line.

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

763098 CE #247 7-58



F. B. 2380 PG. 218



2 325-39-00
4 291-18-00
6 256-57-15
AV = 762-49-32

2 331-32-00
4 303-04-15
6 274-36-30
AV = 765-46-05

2 338-06-15
4 316-13-00
6 294-19-15
AV = 769-03-12

T = 70°
226.24 Lev. = 226.24
96.99 " = 96.99
192.56 " = 192.56

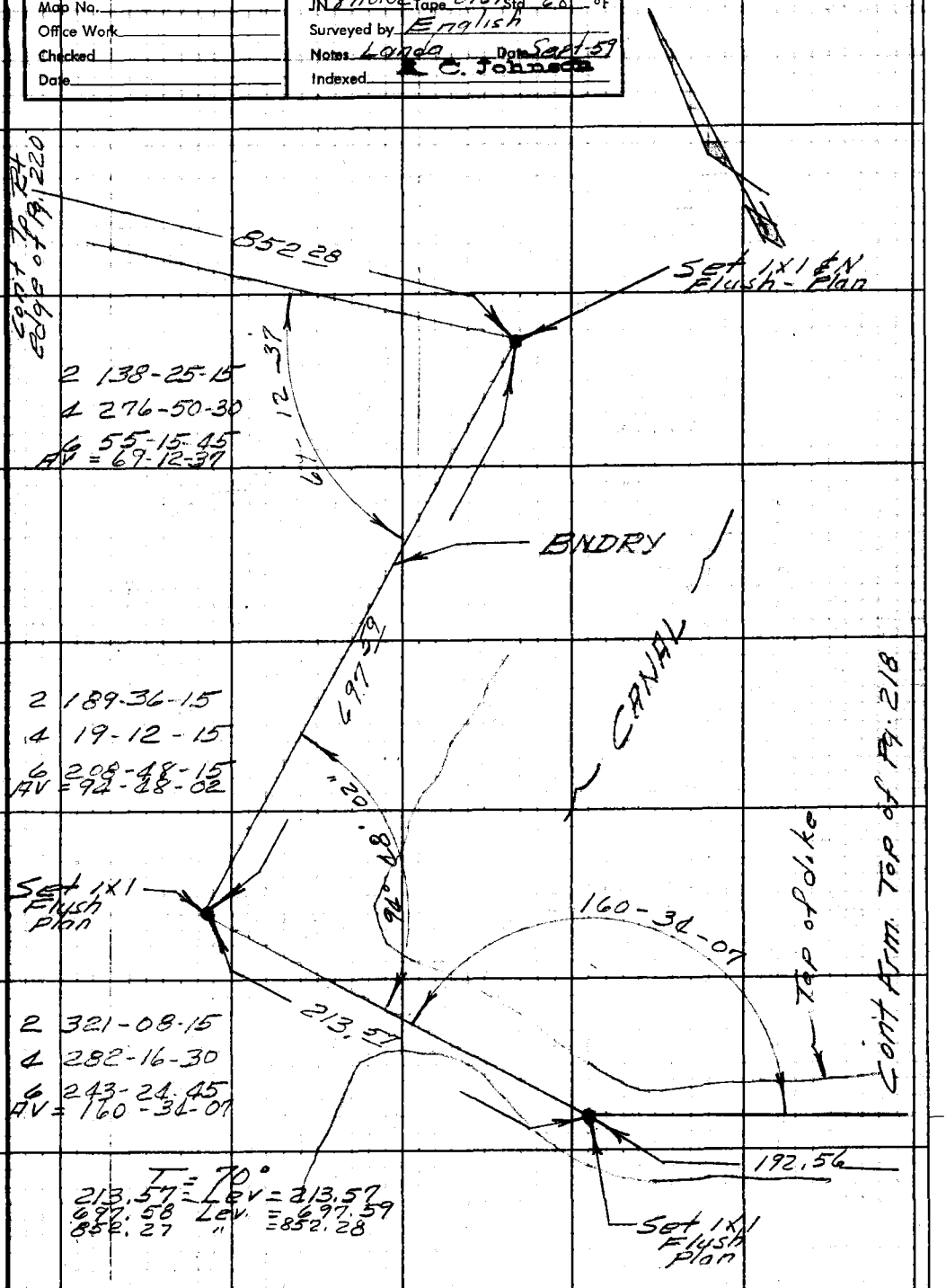
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.02 Tape 0161 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Landa Date Sept-59
Date	Indexed K. C. Johnson

F. B. 2380 Pg. 219



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

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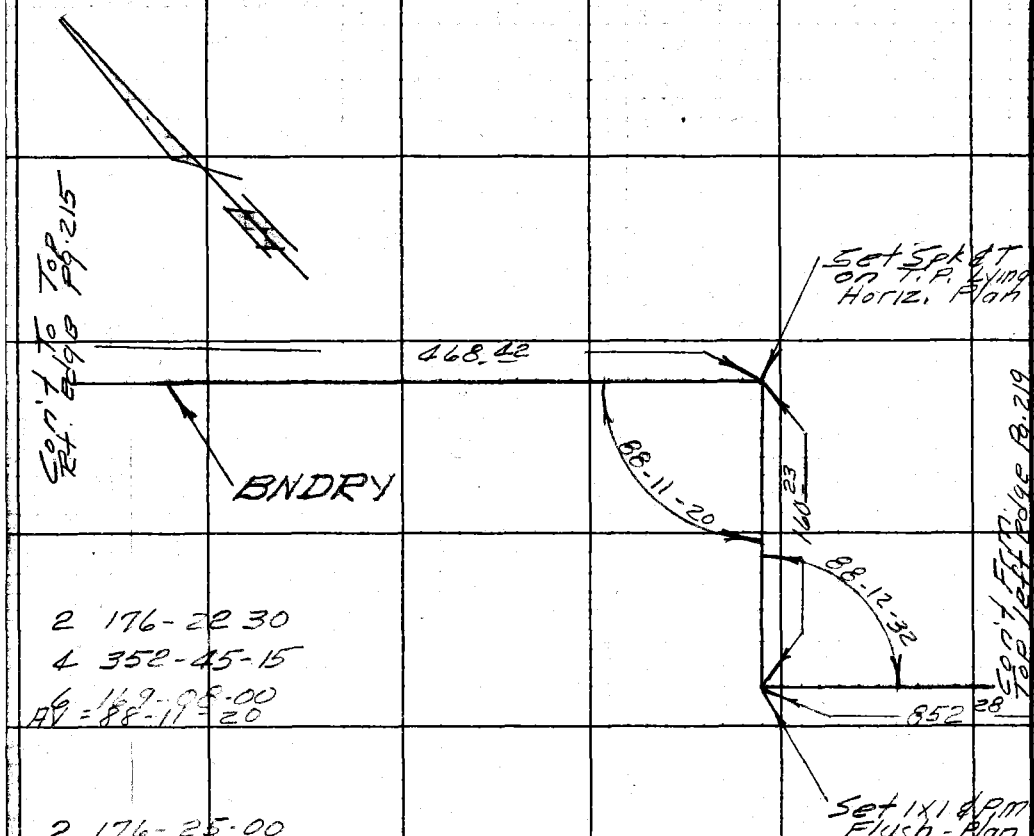
RETURN TO
LOS ANGELES COUNTY ENGINEER
100 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-55

F. B. 2380 PG. 220



2 176-22 30
4 352-45-15
6 169-08-00
AV = 88-11-20

2 176-25-00
4 352-50-30
6 169-15-15
AV =

T = 70°
160.23 Lev. = 160.23
468.42 " = 468.42

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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of MARINA DEL REY
Map No.	J.N. 890.02 Tape Std °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V.S. Date 10-59
Date	Indexed C. Johnson

F. B. 2380 Pg. 221

MARINA DEL REY

J.N. 890.02

DISPOSAL AREA NO. 1

OCT. 1959

STATIONING PLAN FOR CROSS SECTION

PARTY
L.V. SMITH
C.V. CROWE
V.L. HUCKABY
I.F. TRETTEEN
D. LIDEN

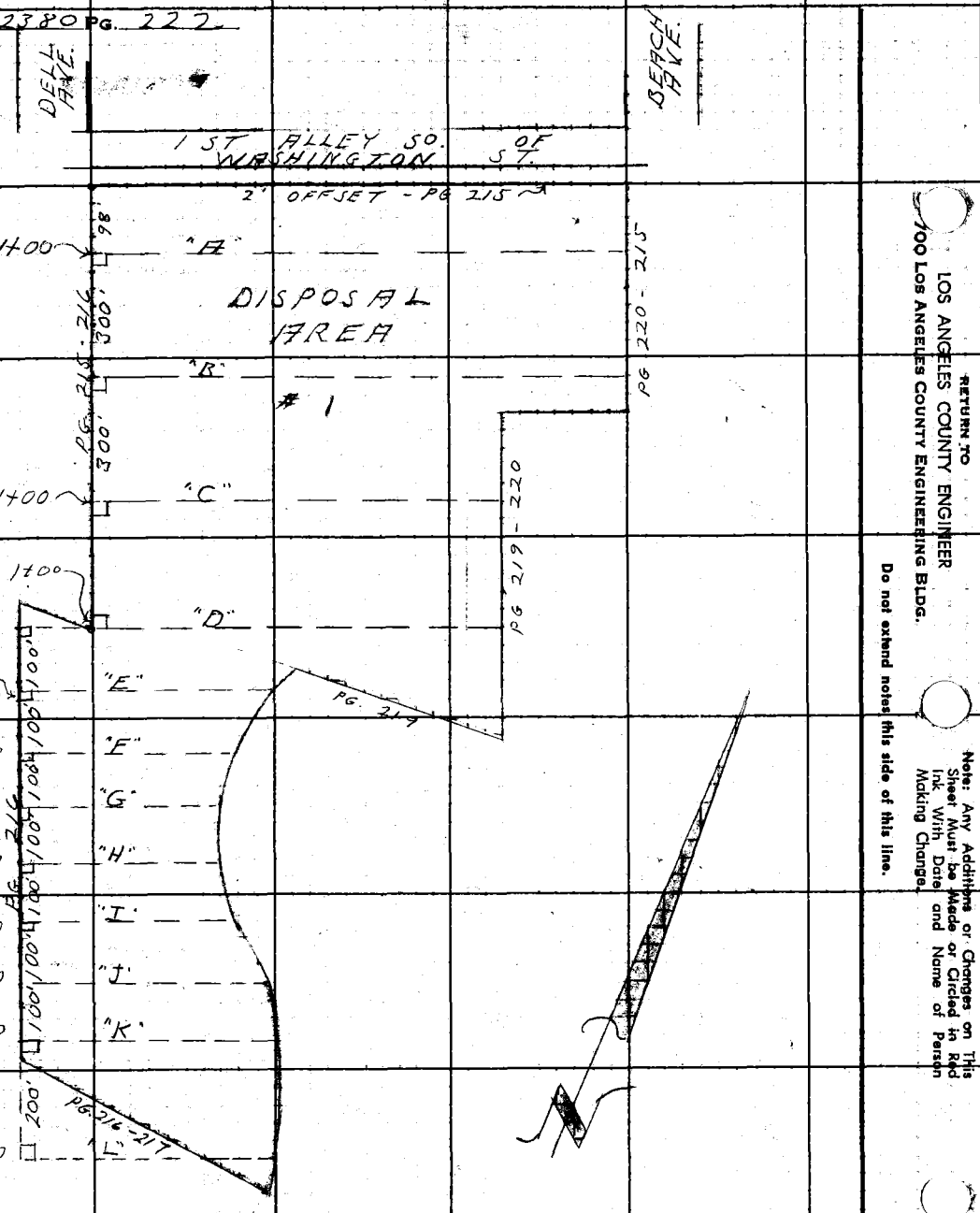
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

763095 CE #247—7-53

F. B. 2380 PG. 222



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

Do not extend notes this side of this line.

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

Profile No.	Notes Red.	Plotted	Job No. 8910.02	Division No.	F. B. 2380 Pg. 223
	Date	Date	Survey of MARINA DEL REY		
X-Sec. No.	Notes Chkd.	Checked	Survey by L.V. SMITH	Notes L.V.S.	Date 10-59
	Date	Date	Map No.	Index	

MARINA DEL REY

J.N. 8910.02

DISPOSAL SITE FOR WASTE OIL PRODUCTS

AREA #1

Cross Section Notes

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

Party

L.V. Smith
C.V. Crowe
V.L. Huckaby
I.F. Treteen
O. Liden

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

76L298 S & E #307 9-54

76L298 S & E #307 9-54

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

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DATUM
MEAN LOWER LOW WATER
SUB. 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.		
BM Reg #41	6.41	11.73		5.32	B.M. Reg #41 Elev = 5.[illegible] at the 1st alley So. of Washington St. In the center of the N. side of a drop catch basin & on line with the N. walk of the Ave. A Bt. Spk. in head.	
A Line 1+00			4.51	7.22	Spk. & T.	
100' R			3.8	7.9		
100' L			5.5	6.2		
1+08			5.2	6.5	Bot. Brk	
A Line 2+00			5.1	6.6		
100' R			5.6	6.1		
100' L			5.4	6.3		
A Line 2+83			5.0	6.7		
85' R			4.4	7.3	Bot Brk	
100 R			3.8	7.9	side hill	
A Line 3+00			5.0	6.7		
77 R			4.7	7.0	Bot Brk	
100 R			0.1	11.6	Top Brk	
100 L			5.3	6.4		
TP	7.62	15.44	3.91	7.82	1x2	
A Line 3+23			6.6	6.8		
63' R			8.9	6.5	Bot Brk	
71 R			6.4	9.0	Slope	

F. B. 2380 Pg. 224 Job No. 891002 Division No. Notes Red. Plotted Profile
Survey of Washington Ave. Notes C. V. Crane Date Date No. X-Sec.
Survey by L. V. Smith Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
A Line 3+23 100R		15.44	5.2	10.2	Slope
150R			2.2	13.2	Top Brk
A Line 3+50 66R			8.8	6.6	Bot Brk
100R			4.1	11.3	Slope
150R			1.5	13.9	Top Brk
A Line 3+78			8.4	7.0	
81R			8.7	6.7	Bot Brk
100R			8.6	6.8	Bot Brk
150R			8.0	7.4	Bot Brk
TP	4.76	12.68	7.52	7.92	X on Conc. block
A Line 4+00			5.6	7.1	
100R			5.0	7.7	
100L			6.1	6.6	
A Line 5+00			5.3	7.4	
100R			4.9	7.8	
100L			6.0	6.7	
A Line 6+00			5.3	7.4	
100R			5.0	7.7	
100L			5.9	6.8	
A Line 6+63 24.5L			3.6	9.1	Center of 22.5' Rad. Conc. pad. (6" above Grd.)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8910-02 Division No. ____ F. B. 2380 Pg. 225
X-Sec. No. ____ Date ____ Date ____ Survey of Marina Del Rey
Notes Chkd. ____ Checked ____ Survey by L.V.S. Notes C.I.C. Date Sept. 59
Date ____ Date ____ Map No. ____ Index ____ C. [illegible] Date ____

76L298 S & E #307 9-54

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.
		12.68		
A Line 7+00			4.8	7.9 ✓
100 R			5.2	7.5 ✓
100 L			5.3	7.4 ✓
A Line 8+00			4.6	8.1 ✓
100 R			4.8	7.9 ✓
100 L			5.4	7.3 ✓
A Line 9+00			5.0	7.7 ✓
100 R			4.9	7.8 ✓
100 L			5.2	7.5 ✓
TP	4.81	13.02 ✓	4.47	8.21 ✓
A Line 10+00			5.1	7.9 ✓
100 R			5.0	8.0 ✓
100 L			5.2	7.8 ✓
A Line 11+00			5.0	8.0 ✓
100 R			4.9	8.1 ✓
100 L			5.5	7.5 ✓
A Line 12+00			5.1	7.9 ✓
100 R			4.9	8.1 ✓
100 L			5.8	7.2 ✓

F. B. 2380 PG. 22C
Job No. 8910.02 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of Marina Del Rey Date ____ Date ____ No. ____
Survey by L. J. Smith Notes C. L. Crose Notes Chkd. ____ Checked ____ X-Sec.
Indexed K. C. Johnson Date ____ Date ____ Date ____ No. ____

76L298 S & E #307 9-54

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		13.02			
A Line 12+30			4.9	8.1	Ely Bdry of disposal
100R			4.8	8.2	
[illegible]			5.8	7.2	
TP	4.39	12.36	5.05	7.97	Bolt in Con. foundation
TP	6.47	14.57	4.26	8.10	Spk. in Prmt
B Line 1+00			6.8	7.8	[illegible]
27R			6.2	8.4	Top Brk
36R			6.7	7.7	Bot Brk
44R			6.9	7.7	Top Brk
100R			6.1	8.5	
100L			6.8	7.8	
B Line 1+33			9.2	5.4	Bot Brk
B Line 1+45			7.1	7.5	Top Dyke
10R			9.2	5.4	Bot. Drain
20R			7.3	7.3	Top Dyke
26R			8.7	5.9	Toe slope
100R			8.3	6.3	
7L			8.4	6.2	Bot Dyke
100L			8.2	6.4	
TP B 1+00	7.59	15.46	6.70	7.87	1x2

Profile Notes Red. ____ Plotted ____ Job No. 8910.02 Division No. ____ F. B. 2380 Pg. 227
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V. Smith Notes L.V.S. Date 9-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L298 S & E #307 9-54

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.		
		15 46				
B. LINE 1+54			100	5 5	CTR. TEMP. DRAIN	
B. LINE 1+62			81	7 4	TOP " DIKE	
11' R.			98	5 7	TOE " "	
14' L			97	5 8	CTR. " DRAIN	
26' L			76	7 9	TOP " DIKE	
38' L.			96	5 9	TOE " DIKE	
100' L.			93	6 2		
B. LINE 1+85			95	6 0		
28.5' L			94	6.	TOE TEMP DIKE	
35' L			80	7 5	TOP " "	
47.5' L			90	6.5	TOE " "	
122' L			92	6.3	TOE	START OF DRAIN
125' L			77	7.8	TOP " "	" " "
134' L			93	6.2	TOE " "	" " "
B. LINE 2+00			94	6.1		
100' R			93	6.2		
100' L			94	6.1		
B. LINE 2+88			85	7.0		
100' L			71	8.4	TOE OF SLOPE TO EAST	
3+00			77	7.8		

F. B. 2380 Pg. 228
Survey of Marina Del Rey
Survey by L. V. Smith Notes L V S
Indexed C. Johnson Date
Job No. 8/00 2 Division No. Notes Red. Plotted
Date Date Date
Notes Chkd. Checked
Date Date
Profile No.
X-Sec. No.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
		1546				DATUM MEAN LOWER LOW WATER SUB, 2.78 FT. TO CONVERT TO MEAN SEA LEVEL DATUM
3+00 B. LINE						
100' R			88	67		
17' L			71	84	TOE SLOPE	
54' L			29	126	TOP BRK	
100' L			16	139		
3+50			79	76		
21' L			75	80	TOE SLOPE	
100' L			36	119		
135' L			14	141	TOP BRK	
3+72			82	73		
100' L			80	75	TOE OF SLOPE TO WEST	
B. LINE 4+00			80	75		
100' R			83	72		
100' L			76	79		
B. LINE 5+00			76	79	SILE ROCK PVMT	
100' R			73	82	" " "	
100' L.			76	79	" " "	
600'			74	81		
100' R.			71	84		
100' L			78	77		
T.P.	479	1295	730	816		

Profile Notes Red. ____ Plotted ____ Job No. 28002 Division No. ____ F. B. 2380 Pg. 229
No. ____ Date ____ Date ____ Survey of MALSINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by L. V. SMITH Notes L.K.S. Date 9-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. JORDAN

76L298 S & E #307 9-54

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		12 95			
B-LINE 7+00			51	79	
100' R			50	80	
100' L.			54	76	
8+00			46	84	
100' R.			51	79	
100' L.			48	82	
9+00			50	80	
100' R.			48	82	
100' L.			46	84	
T.P.	7 14	15 35	4 74	82	
10+00			68	86	
100' R.			61	93	
100' L.			70	84	
10+66			67	87	
62' R			69	85	∡ PT IN BDRY LINE DISP. AREA # 1
11+00			68	86	
61' R			70	84	BDRY LINE
93' R			71	83	BOT. BRK
99' R			53	101	TOP BRK.
100' L			67	87	

F. B. 2380 Pg. 230
Job No. 89002 Division No. Notes Red. Plotted Profile
Survey of MARINA DEL REY Date Date No.
Survey by L.V. SMITH Notes L.V.S. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		15.35			
11+80			6.8	8.6	Brk. in grade
8' R			5.5	9.9	Top Brk
65' R			5.3	10.1	BDRY. LINE
12+25±			6.6	8.8	ELT. BDRY LINE
5' R			5.8	9.6	Top Brk
66' R			5.6	9.8	Prop. Line
~100' L			7.2	8.2	X PT. IN BDRY. DISP. AREA # 1 (PG 220)
T.P.	5.52	13.36	7.51	7.84	
B.M. Reg #16			3.34	10.02	B.M. Reg # 16 Elev. = 10.012 F.B. 2224-65 at the bridge on the Sly prolongation of Beach Ave. (Venice) a boat Spk. & washer in top of the end piling of the S.E. wing wall of the bridge.
B.M. Reg #14	8.45	13.84		5.39	B.M. Reg # 14 Elev. = 5.394' 310' E. of E. bank of the grand canal + 50'± N of the ℄ of 35th Ave. produced ~ A Std. brass cap Mon. Mkd "County Surveyor Monument" set on the ℄ of Dell Ave. (proposed) + 63.3' E along the old fence line from B.M. #13

Profile Notes Red. ____ Plotted ____ Job No. 87/0.02 Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.K. Smith Notes C.V.C. Date Sept. 59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson

F. B. 2380 PG. 231

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		DATUM
		13.84 ✓				MEAN LOWER LOW WATER
TP C Line 1+00	4.74	11.68 ✓	6.90	6.94 ✓	1X2	SUB, 2.73 FT. TO CONVERT TO MEAN SEA LEVEL DATUM
100' R			4.6	7.1 ✓		
100' L			4.3	7.4 ✓		
C Line 2+00			5.5	6.2 ✓		
100' R			5.1	6.6 ✓		
100' L			5.9	5.8 ✓		
C Line 3+00			5.1	6.6 ✓		
100' R			5.3	6.4 ✓		
100' L			5.2	6.5 ✓		
C Line 4+00			4.5	7.2 ✓		
100' R			5.0	6.7 ✓		
100' L			4.3	7.4 ✓		
C Line 5+00			3.3	8.4 ✓		
100' R			3.2	8.5 ✓		
100' L			3.7	8.0 ✓		
TP C Line 6+00	4.98	13.69 ✓	2.97	8.71 ✓	1X2	
100' R			5.0	8.7 ✓		
100' L			5.6	8.1 ✓		

F. B. 2380 Pg. 232 Job No. 89/002 Division No. Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No.
Survey by L.V. Smith Notes CVC Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		13.69			
C Line 7+00			4.9	8.8	
100' R			5.1	8.6	
100' L			5.5	8.2	
C Line 8+00			4.9	8.8	
100' R			5.2	8.5	
100' L			5.9	7.8	
C Line 9+00			5.2	8.5	
100' R			5.5	8.2	
100' L			5.7	8.0	
C Line 10+00			5.9	7.8	
100' R			5.8	7.9	
100' L			5.3	8.4	
Prop Line C Line 10+63			5.8	7.7	
100' R			5.7	8.0	
100' L			5.2	8.5	
TP	5.50	13.25	5.94	7.75	1X1
B.M. Reg # 16			3.23	10.02	B.M. Reg # 16 Elev. = 10.012 (See Pg 231)

Profile Notes Red. ____ Plotted ____ Job No. 8910-02 Division No. ____ F. B. 2380 Pg. 233
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.K. Smith Notes CVC Date Sept. 59
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] C. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM
B. M. Reg #14	7.30	12.69		5.39	B.M. Reg # 14 See Pg 231
D Line 0+58			6.8	5.9	
100 R			6.6	6.1	
Bdy. Cor. 18 L			6.3	6.4	1X2&N Site clearance Boundary Cor.
24 L			6.2	6.5	Bot Brk
32 L			4.4	8.3	Top Brk
100 L			4.3	8.4	
D Line 1+00			6.3	6.4	
100 R			8.2	4.5	
63 L			4.5	8.2	Crown of Rd.
D Line 2+00			3.8	8.9	Top Brk
100 R			8.1	4.6	
48 L			4.3	8.4	Top Brk
60 L			6.4	6.3	Bot. Brk
100 L			6.1	6.6	
D Line 3+00			4.9	7.8	
25 R			4.6	8.1	Bot. Brk edge Rd
31 R			3.6	9.1	top Brk
42 R			3.8	8.9	top Brk

MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

F. B. 2380 Pg. 234 Job No. 89102 Division No. Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No.
Survey by L. V. Smith Notes CVC Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		DATUM
		12.69 ✓				MEAN LOWER LOW WATER
D Line 3+00						SUB, 2.78 FT. TO CONVERT TO
47R			5.2	7.5 ✓	Bot Brk	MEAN SEA LEVEL DATUM
57R			5.7	7.0 ✓	top Brk	
62R			7.6	5.1 ✓	Bot Brk	
20R			8.4	4.3 ✓		
38L			4.7	8.0 ✓	top Brk	
38L			6.2	6.5 ✓	Bot Brk.	
100L			6.2	6.5 ✓		
D Line 3+68			5.1	7.6 ✓		
50R			5.1	7.6 ✓	Edge Rd Bot Brk	
55R			3.8	8.9 ✓	top Brk	
67R			4.0	8.7 ✓	top Brk	
100R			8.4	4.3 ✓	Bot Brk @ edge of dyke	
D Line 3+76			5.1	7.6 ✓		
53R			5.2	7.5 ✓	edge Rd. Bot Brk	
60R			3.5	9.2 ✓	top Brk	
100R			5.3	7.4 ✓	top dyke @ dump site	
D Line 3+85			4.9	7.8 ✓		
54R			5.3	7.4 ✓	edge Rd. Bot. Brk	
61R			3.6	9.1 ✓		

Profile Notes Red. ____ Plotted ____ Job No. 89002 Division No. ____ F. B. 2380 PB. 235
No. ____ Date ____ Date ____ Survey of Storage Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V. Smith Notes CVC Date Sept 59
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] C. Johnson

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		12.69			
D Line 3+85					
93R			4.5	8.2	top dyke
100R			8.3	4.4	Bot brk @ dyke
TP	3.85	12.90	3.64	9.05	1X2
D Line 4+00			5.2	7.7	
60R			5.5	7.4	edge Rd. Bot. Brk
66R			4.2	8.7	top Brk
100L			6.2	6.7	
D Line 4+05			5.4	7.5	
71R			3.9	9.0	∠ Pt. Disp. site Bdy
D Line 5+00			6.5	6.4	
97R			5.1	7.8	edge Rd. Bot Brk
99R			3.4	9.5	top Brk
105R			3.5	9.4	Disp. site Bdy
100L			6.2	6.7	Bot. Brk
110L			4.4	8.5	top Brk.
D Line 6+00			6.5	6.4	
37R			6.2	6.7	Bot Brk
46R			4.8	8.1	top Brk
100R			4.3	8.6	

F. B. 2380 PG. 23C Job No. 8910.02 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of Marina Del Rey Date ____ Date ____ No. ____
Survey by L V Smith Notes C.V. Crowe Notes Chkd. ____ Checked ____ X-Sec.
Indexed K. C. Johnson Date ____ Date ____ Date ____ No. ____

76L298 S & E #307 9-54

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STATION	S. S.	H. I.	F. S.	ELEV.		DATUM
		12.90				MEAN LOWER LOW WATER
D Line 6+00						SUB, 2.78 FT. TO CONVERT TO
136R			4.6	8.3	Bot. Brk	MEAN SEA LEVEL DATUM
142R			3.6	9.3	Disp Bdy. & Top Brk	
75L			6.5	6.4	Bot Brk	
[illegible]			4.4	8.5	Top Brk	
100L			4.5	8.4		
D Line 6+[illegible]			6.7	6.2	Bot. Brk.	
44R			6.0	6.9	Bot. Brk	
57R			3.7	9.2	Top Brk	
62L			7.0	5.9	Bot. Brk	
76L			4.[illegible]	8.5	Top Brk	
D Line 7+00			5.5	7.4		
31R			4.4	8.5	Brk in Brd.	
100R			4.1	8.8		
184R			4.7	8.2	Prop Line	
50L			6.2	6.7	Bot Brk	
62L			4.3	8.6	Top Brk	
100L			4.7	8.2		
D Line 7+19			4.4	8.5	Top Brk	
TP	4.68	13.28	4.30	8.60	1X2	

Profile Notes Red. ____ Plotted ____ Job No. 89100.02 Division No. ____ F. B. 2380 Pg. 237
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V. Smith Notes CVC Date Sept. 59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		13.28 ✓			
D Line 8+20			4.8	[illegible] ✓	
100 R			4.4	8.1 ✓	
200 R			4.5	8.8 ✓	
218 R			4.4	8.7 ✓	Disp site Bdy L.
100 L			5.2	8.1 ✓	
D Line 9+00			4.8	8.5 ✓	
100 R			4.6	8.7 ✓	
200 R			4.6	8.7 ✓	
265 R			4.8	8.5 ✓	Disp site Bdy L.
100 L			4.7	8.6 ✓	
D Line 10+00			5.8	7.5 ✓	
100 R			5.1	8.2 ✓	toe of slope to NE.
200 R			3.8	9.5 ✓	
300 R			4.2	9.1 ✓	
330 R			4.2	9.1 ✓	Disp site Bdy L.
100 L			4.9	8.4 ✓	
D Line 10+60.5			4.9	8.4 ✓	Disp site
90 R			4.6	8.7 ✓	toe slope
100 R			2.4	10.9 ✓	top Brk
126 R			3.3	10.0 ✓	top Brk

F. B. 2380 Pg. 238 Job No. 8910.02 Division No. Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No.
Surveyed by L. V. Smith Notes C.V. Crowe Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		13.28			
D Line 10+60.5 149R			4.8	8.5	Bot Brk
200R			5.0	8.3	
300R			4.9	8.4	
325R			4.8	8.5	Disp [illegible]
100L			4.6	8.7	
B.M. Reg #16			3.28	10.00	B.M. Reg #16 Elev.= 10.012 (See Pg. 231)
B.M. Reg #14	5.91	11.30		5.39	B.M. Reg #14 Elev.= 5.395 (See Pg 231)
E Line 0+00			5.1	6.2	Sly. boundary disposal site #1
" 0+30			5.4	5.9	Edge Rd. top Brk
" 0+37			6.2	5.1	Bot. Brk
" 1+00			7.1	4.2	
" 2+00			6.9	4.4	
" 3+00			6.5	4.8	
" 3+20			6.3	5.0	Bot. Brk Wly side dyke
" 3+30			3.5	7.8	top dyke
" 3+40			5.9	5.4	Bot. Brke Ely side dyke

Profile Notes Red. ____ Plotted ____ Job No. 890.02 Division No. ____ F. B. 2380 Pg. 239
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V. Smith Notes C.V.C. Date Sept. 59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L298 S & E #307 9-54

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		11.30 ✓			
F Line 0+00			4.5	6.8 ✓	
" 1+00			6.5	4.8 ✓	
" 2+00			6.6	4.7 ✓	
" 2+88			6.7	4.6 ✓	Bot. Brk Wly side dyke
" 2+95			4.2	7.1 ✓	top Brk
" 3+00			6.7	4.6 ✓	Bot Brk Ely side dyke
TP	5.76	12.08 ✓	4.98	6.32 ✓	1x2
G Line 0+00			5.8	6.3 ✓	
" 1+00			6.8	5.3 ✓	
" 2+00			7.8	4.3 ✓	
" 2+56			7.5	4.6 ✓	Bot. Brk wly side of dyke
" 2+64			4.[illegible]	7.5 ✓	top Brk on dyke
" 2+72			7.4	4.7 ✓	Bot. Brk Ely side dyke
H Line 0+00			5.6	6.5 ✓	wly Bdry Disp. site #1
" 0+22			5.0	7.1 ✓	Edge Rd. top Brk
" 0+27			6.1	6.0 ✓	Bot. Brk
" 1+00			7.0	5.1 ✓	
" 2+00			6.6	5.5 ✓	
" 2+50			7.8	4.3 ✓	Bot. Brk wly edge dyke
" 2+55			5.3	6.8 ✓	top Brk on dyke

F. B. 2380 Pg. 240 Job No. 8910.02 Division No. Notes Red. Plotted Profile
Survey of Marina Date Date No.
Survey by C. Johnson Notes Checked X-Sec.
Indexed Date Date Date No.

76L298 S & E #307 9-54

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.		
		12.08				
H Line 2+60			7.8	4.3	Bot. Brk Ely side dy	
I Line 0+00			4.9	7.2		
" 0+10			4.8	7.3	edge Rd. top Brk	
" 0+20			6.7	5.4	Bot. Brk.	
" 1+00			7.0	5.1		
" 2+00			8.0	4.1		
" 2+60			8.4	3.7	Bot. Brk w/y edge	dyke
" 2+65			4.8	7.3	top Brk. on dyke	
" 2+71			7.1	5.0	Bot Brk Ely edge	dyke
J Line 0+00			5.2	6.9		
" 0+01			5.0	7.1	top Brk. edge Rd.	
" 0+05			7.0	5.1	Bot. Brk.	
" 1+00			7.2	4.9		
" 2+00			7.8	4.3		
" 2+94			7.8	4.3	Bot. Brk. w/y side	dyke
" 3+00			5.0	7.1	top Brk on dyke	
" 3+06			7.4	4.7	Bot Brk Ely side	dyke

Profile Notes Red. ____ Plotted ____ Job No. 8910.02 Division No. ____ F. B. 2380 Pg. 24
No. ____ Date ____ Date ____ Survey of Maring Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V. Smith Notes CVC Date Oct 59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		12.08 ✓			
K Line 0+00			4.7	7.4 ✓	Wly Bdy. Disposal site #1
12' R			4.7	7.4 ✓	∡ Pt. in Bdry Disp. site #1
" 0+24			4.9	7.2 ✓	top Brk.
" 0+34			6.4	5.7 ✓	Bot Brk.
" 1+00			5.7	6.4 ✓	
75' R			5.8	6.3 ✓	Sly Bdy Disp site
" 2+00			7.7	4.4 ✓	
122 R			7.6	4.5 ✓	Sly Bdy. Disp site
" 3+00			8.0	4.[illegible] ✓	
100' R			8.2	3.9 ✓	
" 3+46			7.9	4.2 ✓	Bot. Brk wly edge dyke
" 3+51			4.9	7.2 ✓	top Brk on dyke
" 3+56			6.5	5.6 ✓	Bot. Brk Ely edge dyke
L Line 3+00			6.2	5.9 ✓	Inter. L Line & Prop Line
L Line 4+55			7.0	5.1 ✓	Bot. Brk
" 4+60			4.9	7.2 ✓	top Brk on dyke Bdy Line on curve
" 4+65			7.1	5.0 ✓	Bot. Brk
∡ Pt. Bdy. Line			8.0	4.[illegible] ✓	Bot. Brk
"			4.9	7.2 ✓	top dyke
Prop Line, Prod 4'			7.1	5.0 ✓	Bot. Brk
B.M. Rey #14			6.70	5.38 ✓	B.M. Rey #14 Elev. = 5.395 (See Pg 231)

F. B. 2380 Pg. 242 Job No. 8210.03 Division No. Notes Red. Plotted No. Profile
Survey of Marina Del Rey Date Date X-Sec.
Survey by L.V. Smith Notes C.V. Crowe Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

Notes Ck'd by	Survey of MARINA DEL REY	F. B. 2380 PG. 243
Map No.	J.N. 8910.02 Tape Std °F	
Office Work	Surveyed by L. V. SMITH	
Checked	Notes L.V.S. Date 10-59	
Date	Indexed L. C. Johnson	

MARINA DEL REY
J.N. 8910.02
OXFORD AVE. DRAINAGE BASIN

STATIONING PLAN for CROSS SECTIONS

OCTOBER 1959

Party
L. V. Smith
C. V. Crowe
V. L. Huckaby
J. F. Treteen
D. Liden

Notes: 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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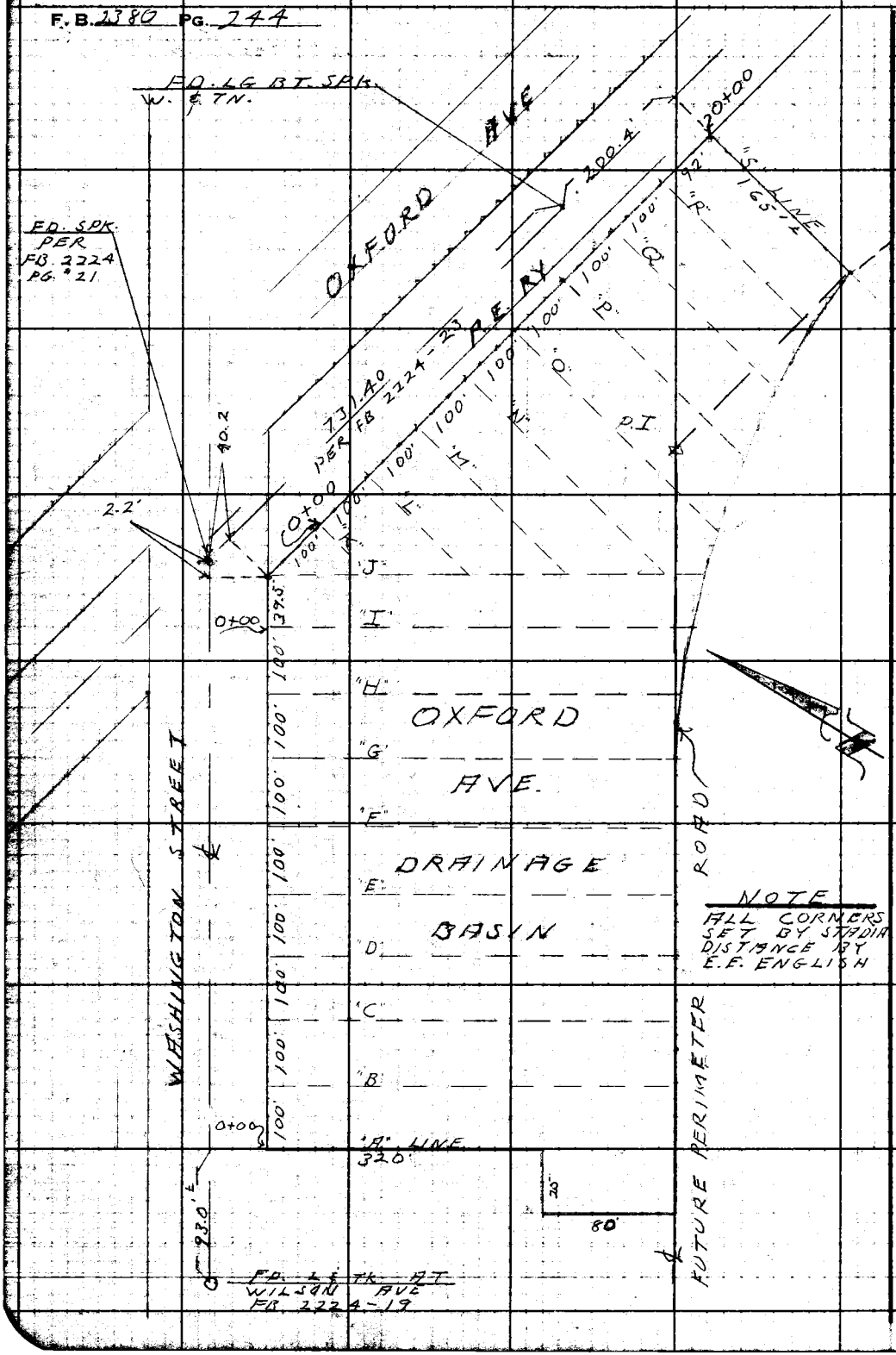
763095 CE #247—7-55

F. B. 2380 PG. 244



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Profile No.	Notes Red.	Plotted	Job No. 8910.02	Division No.	F. B. 2380	PG. 245
	Date	Date	Survey of Marina Del Rey			
X-Sec. No.	Notes Chkd.	Checked	Survey by L. V. Smith	Notes C.V.C.	Date Sept. 59	
	Date	Date	Map No.	Indexed	Date	

MARINA DEL REY

J.N. 8910.02

OXFORD AVE. DRAINAGE BASIN

Cross Section Notes
October 1959

STATION	B. S.	H. I.	F. S.	ELEV.
		Party L.V. Smith C.V. Crovie V.L. Huckaby T.F. Tretten D. Liden		

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76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. Reg #55	2.22	15.23		13.01	B.M. Reg #55 Elev. = 13.014 Washington St. So. side - 375' E. of Wilson Ave. & 120' S. of S. curb of St. - Bt. Spk. in NW side PP# 915028E FB 2224-56	
A Line 0+00			6.2	9.0	Drainage basin Bdy	∠ Pt.
" 1+00			5.8	9.4	Drainage basin Bdy	
" 2+00			5.3	9.9	Drainage basin Bdy	
" 3+00			4.6	10.6	Drainage basin Bdy	
" 3+20			4.7	10.5	Drainage basin Bdy	∠ Pt.
25' R			4.5	10.7	Drainage basin Bdy	∠ Pt.
" 4+00			4.2	11.0	Drainage basin Bdy	
25' R			4.0	11.2	Dr. Bas. Bdy.	
B Line 0+00			5.7	9.5	Dr. Bas. Bdy.	
" 1+00			5.3	9.9		
" 2+00			4.7	10.5		
" 3+00			4.2	11.0		
" 4+00			3.8	11.4	Dr. Bas. Bdy	
C Line 0+00			6.1	9.1	Dr. Bas. Bdy.	
" 1+00			4.3	10.9		
" 2+00			3.7	11.5		
" 3+00			3.8	11.4		
" 4+00			3.0	12.2	Dr. Bas. Bdy	

DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

F. B. 2380 Pg. 246 Job No. 89/10.02 Division No. Notes Red. Plotted No. Date Date X-Sec.
Survey of Marina Del Rey Notes C.V. Crowe Notes Chkd. Checked No.
Survey by L.V. Smith Date Date
Indexed C. Johnson

76L298 S & E #307 9-54

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.		
		15.23				
D Line 0+00			5.9	9.3	Drainage basin [illegible]	
" 1+00			3.9	11.3		
" 2+00			3.4	11.8		
" 3+00			3.2	12.0		
" 4+00			2.8	12.4	Dr. Bas. Bdy.	
T.P.	6.54	19.40	2.37	12.86	Cor. Conc	
E Line 0+00			10.3	9.1	Dr. Bas. Bdy.	
" 1+00			8.7	10.7		
" 2+00			6.5	12.9		
" 3+00			6.7	12.7		
" 4+00			5.1	14.3	Dr. Bas. Bdy.	
F Line 0+00			10.00	9.4	Dr. Bas. Bdy.	
" 1+00			7.3	12.1		
" 2+00			4.3	15.1		
" 3+00			4.8	14.6		
" 4+00			4.3	15.1		
" 4+06			4.5	14.9	Dr. Bas. Bdy on curve	

Profile ✓ Notes Red. ____ Plotted ____ Job No. 89/10-02 Division No. ____ F. B. 2380 Pg. 247
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes CVC Date Sept 59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.		
		19.40 ✓				
G Line 0+00			9.6	9.8 ✓	Drainage basin boundary	✓
" 0+16			10.4	9.0 ✓	top Brk.	✓
" 0+20			14.4	5.0 ✓	Bot. Brk	✓
45' R			14.3	5.1 ✓	Bot. Brk	
60' R			8.4	11.0 ✓	top Brk	
23' L			13.8	5.6 ✓	Bot. Brk	
35' L			9.3	10.1 ✓	top Brk	
G Line 0+85			14.1	5.3 ✓	Bot. Brk	✓
35' R			13.1	6.3 ✓	Bot. Brk	
55' R			7.8	11.6 ✓	top Brk	
25' L			13.4	6.0 ✓	Bot. Brk	
35' L			9.5	9.9 ✓	top Brk	
G Line 1+00			9.9	9.5 ✓	top Brk	✓
" 2+00			4.5	14.9 ✓		✓
" 3+00			4.1	15.3 ✓		✓
" 4+00			3.5	15.9 ✓		✓
" 4+11			3.5	15.9 ✓	Dr. Bas. Bdy on curve	✓
T.P.	10.17	20.53 ✓	9.04	10.36 ✓	1x1	

DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

F. B. 2380 Pg. 248 Job No. 89/002 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of Marina Del Rey Date ____ Date ____ No. ____
Survey by L.V. Smith Notes CVC Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. Johnson Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		20.53				
H Line 0+00			9.8	10.7	Drainage basin boundary	
" 0+58			9.1	11.4	top Brk	
" 0+63			14.3	6.2	Bot. Brk	
3' R			14.4	6.1	Bot Brk	
11' R			9.2	11.3	top Brk	
55' L			14.3	6.2	Bot Brk	
65' L			9.0	11.5	top Brk	
H Line 0+90			14.4	6.1	Bot Brk	
3' R			14.3	6.2	Bot Brk	
10' R			9.0	11.5	top Brk	
50' L			14.3	6.2	Bot. Brk	
62' L			8.8	11.7	top Brk	
H Line 1+00			11.1	9.4	side hill	
H Line 1+03			9.9	10.6	top Brk	
H Line 1+57			13.0	7.5	toe slope	
" 1+86			9.5	11.0	Brk in grade	
" 2+00			9.2	11.3	Brk in grade	
" 2+24			5.1	15.4	top Brk	
" 3+00			4.8	15.7		

DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

Profile ✓ Notes Red. ____ Plotted ____ Job No. 89/10.02 Division No. ____ F. B. 2380 Fa. 249
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V. Smith Notes CVC Date Sept. 59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM
		20.53 ✓			MEAN LOWER LOW WATER SUB, 2.78 FT. TO CONVERT TO MEAN SEA LEVEL DATUM
H Line 4+00			5.0	15.5 ✓	
" 4+45			3.6	16.9 ✓	Drainage basin boundary
I Line 0+00			9.3	11.2 ✓	Drain Bas. Bdy.
" 1+00			9.9	10.6 ✓	
" 2+00			12.8	7.7 ✓	
" 2+23			13.6	6.9 ✓	Bot. Brk.
" 2+47			11.5	9.0 ✓	Brk. in Grd.
" 2+70			9.5	11.0 ✓	Brk in Grd. Bot. Brk
" 2+82			4.4	16.1 ✓	top. Brk
" 3+00			4.2	16.3 ✓	
" 4+00			3.6	16.9 ✓	
" 4+72			3.6	16.9 ✓	Drain Bas. Bdy on curve
J Line 0+00			9.8	10.7 ✓	Drain Bas. Bdy N/y Corner
" 1+00			9.2	11.3 ✓	
" 2+00			9.7	10.8 ✓	
" 2+66			12.9	7.6 ✓	Bot Brk
" 2+80			11.3	9.2 ✓	Brk Grd.
" 2+95			10.5	10.0 ✓	Brk Grd.
3+00			8.5	12.0 ✓	
3+07			5.8	14.7 ✓	top Brk.

F. B. 2380 Pg. 250 Job No. 8910.02 Division No. Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No. X-Sec.
Survey by L.V. Smith Notes C.V. Crowe Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		20.53			
J Line 4+00			3.5	17.0	
" 4+95			3.6	16.9	Drainage basin boundary on curve
B.M. Rey #56			10.81	9.72	
B.M. Rey #56	856	1828		972	
"K" LINE 0+00			80	103	DRAINAGE BASIN BDRY LINE
0+67			71	112	INTERSECTION "J" LINE
"L" LINE 0+00			80	103	DRAINAGE BASIN BDRY. LINE
1+00			82	101	
1+40			82	101	INTERSECTION "J" LINE
T.P.	756	1884	700	1128	DRAINAGE BASIN BDRY LINE
"M" LINE 0+00			98	90	
" 1+00			105	83	
1+46			98	90	TOE OF SLOPE
1+58			36	152	TOP OF BRK
2+10			21	167	INTERSECTION "J" LINE

Profile Notes Red. ____ Plotted ____ Job No. 89101 Division No. ____ F. B. 2380 Pg. 251
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by L V Smith Notes CVC Date Sept. 30 59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Job Date ____

76L298 S & E #307 9-54

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		18 84			
"N" LINE 0+00			11 5	7 3	DRAIN- BASIN BDRY LINE - TOP BRK
" " 0+16			9 4	9 4	TOP BRK
" " 1+00			10 6	8 2	
" " 1+07			9 9	8 9	TOE SLOPE
" " 1+23			2 9	15 9	TOP BRK
2+00			1 5	17 3	
2+85			2 5	16 3	INTERSECTION 'J' LINE
"O" LINE 0+00			9 7	9 1	DRAINAGE BASIN BDRY.
" " 0+61			11 6	7 2	TOE SLOPE
" " 0+83			2 8	16 0	TOP BRK.
" " 1+00			1 1	17 7	
" " 2+00			1 2	17 6	
2+43			0 7	18 1	DRAINAGE BASIN BDRY. ON CURVE
T. P.	1 25	19 62	0 47	18 37	
"P" LINE 0+00			12 7	6 9	DRAIN. BASIN BDRY. LINE
" " 0+28			12 0	7 6	TOE SLOPE
0+55			4 0	15 6	TOP BRK.
1+00			2 0	17 6	
2+05			1 4	18 2	DRAIN. BASIN BDRY ON CURVE
"Q" LINE 0+00			13 3	6 3	DRAINAGE BASIN BDRY. LINE - TOE SLOPE

F. B. 2380 Pg. 252 Job No. 8910.02 Division No. Notes Red. Plotted No. Profile
Survey of MARINA DEL REY Date Date X-Sec.
Survey by L. V. SMITH Notes L. V. SMITH Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		19 62			
"Q LINE 0+41			47	149	TOP BRK.
1+00			25	171	
1+84			22	174	DRAIN. BASIN BDRY LINE ON CURVE
"R LINE 0+00			135	61	" " "
" " 0+26			130	66	TOE SLOPE
" " 0+50			52	144	TOP BRK.
1+00			44	152	
1+70			38	158	DRAIN. BASIN BDRY LINE ON CURVE
T.P.	460	1703	719	1243	
"S" LINE 0+00			101	69	
50' R			83	87	TOP BRK
61' R			130	40	DRAIN
"S" LINE 0+50			107	63	
26' R			100	70	DRAIN - TOE SLOPE
62' R			40	130	TOP BRK
"S LINE 0+98			108	62	TOP BRK
1+24			139	31	BOT. CTR. OF DRAIN
4' R			135	35	
7' R			106	64	TOP BRK
23' R			103	67	TOE BRK

Profile Notes Red. ____ Plotted ____ Job No. 8910.02 Division No. ____ F. B. 2380 Pg. 253
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by L.V. SMITH Notes L.V.S Date 10-59
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] C. Tobin

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
'S' LINE 1+24		17 03 ✓			
40'R			4 3	12 7 ✓	TOP BRK
1+65			10 2	6 8 ✓	BDRY. COR. - TOP BANK OF DRAIN. ✓
14'R			11 2	5 8 ✓	TOE SLOPE
36'R			4 4	12 6 ✓	TOP BRK.
T.P.	150	12 24 ✓	6 29	10 74 ✓	
B.M. REY 60			3 90	8 34 ✓	B.M. REY '60 ELEV = 8.347 FB 2224-57 P.E. RY. NLY. SIDE 125 FT. E. FROM E. END OF THE TIMBER BRIDGE ACROSS THE OPEN DRAIN AT THE ANGLE PT. IN OXFORD AVE. BT. SPK. IN P.P. #232568 M (E. SIDE)

F. B. 2380 Pg. 25-4 Job No. 8910.02 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of MARINA DEL REY Date ____ Date ____ No. ____
Survey by L.V. SMITH Notes L.V.S. Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. Johnson Date ____ Date ____ Date ____ No. ____

Notes Ck'd by	Survey of Marina Del Rey
Map No.	J.N. 8910.02 Tape Std °F
Office Work	Surveyed by L. V. Smith
Checked	Notes L.V.S. Date Oct. 59
Date	Indexed: E. C. Johnson

F. B. 2380 PG. 255

MARINA DEL REY
J.N. 8910.02
DISPOSAL SITE #2

STATIONING PLAN for CROSS SECTIONS

OCTOBER 1959

Party
L. V. Smith
C. V. Crowe
V. L. Huckaby
J. F. Tretten
D. Liden

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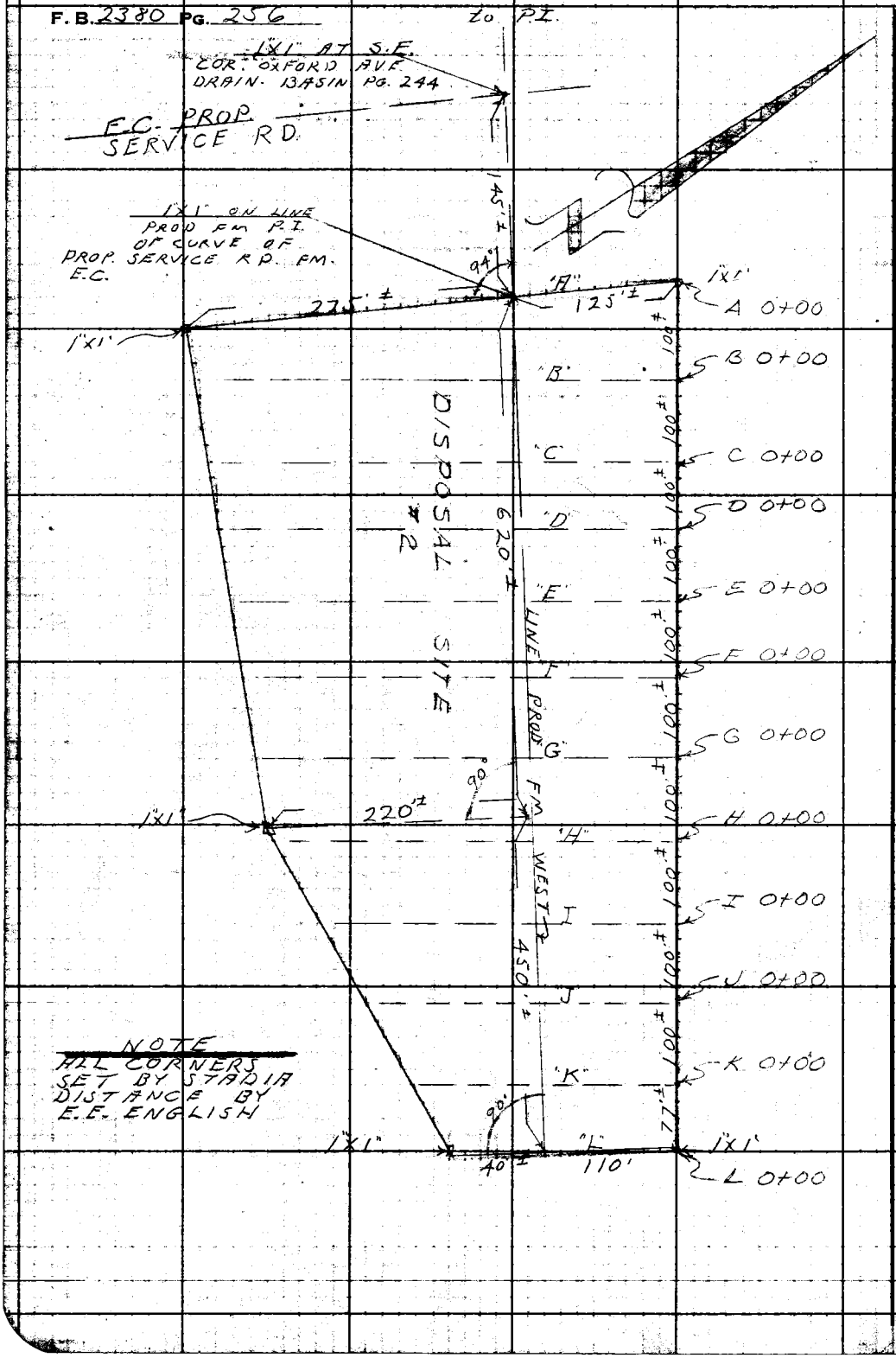
763098 CE #247—7-55

F. B. 2380 PG. 256



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✓ Profile No.	Notes Red.	Plotted	Job No. 8910.02	Division No.	F. B. 2380 Pg. 257
	Date	Date	Survey of Marina Del Rey		
X-Sec. No.	Notes Chkd.	Checked	Survey by L V Smith	Notes C V C	Date Oct 59
	Date	Date	Map No.	Indexed C. Johnson	Date

MARINA DEL REY DISPOSAL AREA #2

J.N. 8910.02

Cross sections of Disposal Area #2

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

Party
L.V. Smith
C.V. Crowe
V.L. Huckaby
I.F. Treteen
D. Liden

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. Rey #60	5.24	13.59		8.35	B.M. Rey #60 Elev. = 8.347 S.B. 2224-57 P.E. R.R. N. side - 125' E. from the E. end of timber bridge across open drain at ∡ Pt. in Oxford Ave. Fd Bt. Spk in PP #232568 M (E. side)	
A Line 0+00			7.5	6.1	N2 N. Corn. Disposal Site #2	
" 1+00			7.5	6.1		
" 2+00			7.5	6.1		
" 3+00			7.8	5.8		
" 4+00			7.9	5.7	Wly. Cor. Disp. Site. Boundary	
T.P.	4.56	10.84	7.31	6.28		
B LINE 0+00			4.5	6.3		
" 1+00			4.5	6.3	NLY BDRY LINE DISP. SITE #2.	
" 2+00			4.7	6.1		
" 3+00			4.7	6.1		
3+90			4.8	6.0	SLY BDRY LINE " " "	
"C" LINE 0+00			4.1	6.7	NLY " " "	
" 1+00			4.1	6.7		
" 2+00			4.4	6.4		
3+00			4.3	6.5		
3+80			4.3	6.5	SLY. " " "	
"D" " 0+00			3.7	7.1	NLY. " " "	
" 1+00			4.5	6.3		

DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

F. S. 2380 Pg. 258 Job No. 8910-02 Division No. Notes Red. Plotted No. Profile
Survey of MARINA DEL REY Date Date X-Sec.
Survey by L.V. SMITH Notes C.V.C. Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		10 84			
"D" LINE 2+00			38	70	
" 3+00			39	69	
" 3+69			36	72	SLY. BDRY. DISP. SITE # 2
E. LINE 0+00			31	77	NLY. " " "
" 1+00			35	73	
" 2+00			35	73	
" 3+00			36	72	
" 3+59			36	72	SLY. BDRY DISP. " "
" T.P.	601	13 27	358	726	
"F" LINE 0+00			52	81	NLY. " " " "
" 1+00			55	78	
" 2+00			55	78	
3+51			54	79	SLY. " " " "
"G" LINE 0+00			49	84	NLY. " " " "
1+00			51	82	
2+00			51	82	
3+38			50	83	SLY. " " " "
"H" LINE 0+00			44	89	NLY " " " "
1+00			45	88	
2+00			46	87	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8910.02 Division No. ____ F. B. 2380 PB. 25
X-Sec. No. ____ Date ____ Date ____ Survey of MARINA DEL REY
Notes Chkd. ____ Checked ____ Survey by L.V. SMITH Notes L.V.S. Date 10-59
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L[illegible] S & E #307 9-54

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DATUM
MEAN LOWER LOW WATER
SUB, 2.78 FT. TO CONVERT TO
MEAN SEA LEVEL DATUM

STATION	B. S.	H. I.	F. S.	ELEV.	
		13 27 ✓			
"H" LINE 3+05			47	86 ✓	SLY. BDRY. LINE DISP. SITE #2
T.P.	8 27	17 34 ✓	4 20	9 07 ✓	
"I" LINE 0+00			83	90 ✓	NLY. " " " " "
" 1+00			83	90 ✓	
" 2+00			84	89 ✓	
2+65			85	88 ✓	BDRY " "
"J" LINE 0+00			77	96 ✓	NLY " " "
" 1+00			78	95 ✓	
2+24			78	95 ✓	SLY. " " " "
"K" LINE 0+00			73	100 ✓	NLY " " "
1+00			74	99 ✓	
1+83			74	99 ✓	SLY. " " " "
"L" LINE 0+00			72	101 ✓	N-ELY COR. BDRY " "
" 1+00			72	101 ✓	ELY. BDRY LINE " "
" 1+50			70	103 ✓	S-ELY COR. BDRY " "
T.B.M. REY 63			630	11 04 ✓	T.B.M. REY 63 ELEV. = 11.021 FB. 2224-58 PACIFIC ELECTRIC RY. N. SIDE 1000 FT E. FM. E. END OF TIMBER RY. BRIDGE OVER OPEN DRAIN AT THE ANGLE POINT IN OXFORD AVE. ~ BT. SPK IN P.P. # 232574 M

F. B. 2380 Pg. 260 Job No. 8910-02 Division No. Notes Red. Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by L.V. SMITH Notes L.V.S. Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

Notes Ck'd by	Survey of Marina Del Rey	F. B. 2380 PG. 261
Map No.	JN 8910.02 Tape 0195 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed. Date 3-60	
Date	Indexed [illegible]	

MARINA DEL REY

J.N. 8910.02

X-SECTIONS

1ST ALLEY SO.
OF WASHINGTON
FROM:
GRAND CANAL
TO:
FUTURE ST.

March 15, 1960
English
Landa
Foulger
Dupuis
Tuxford

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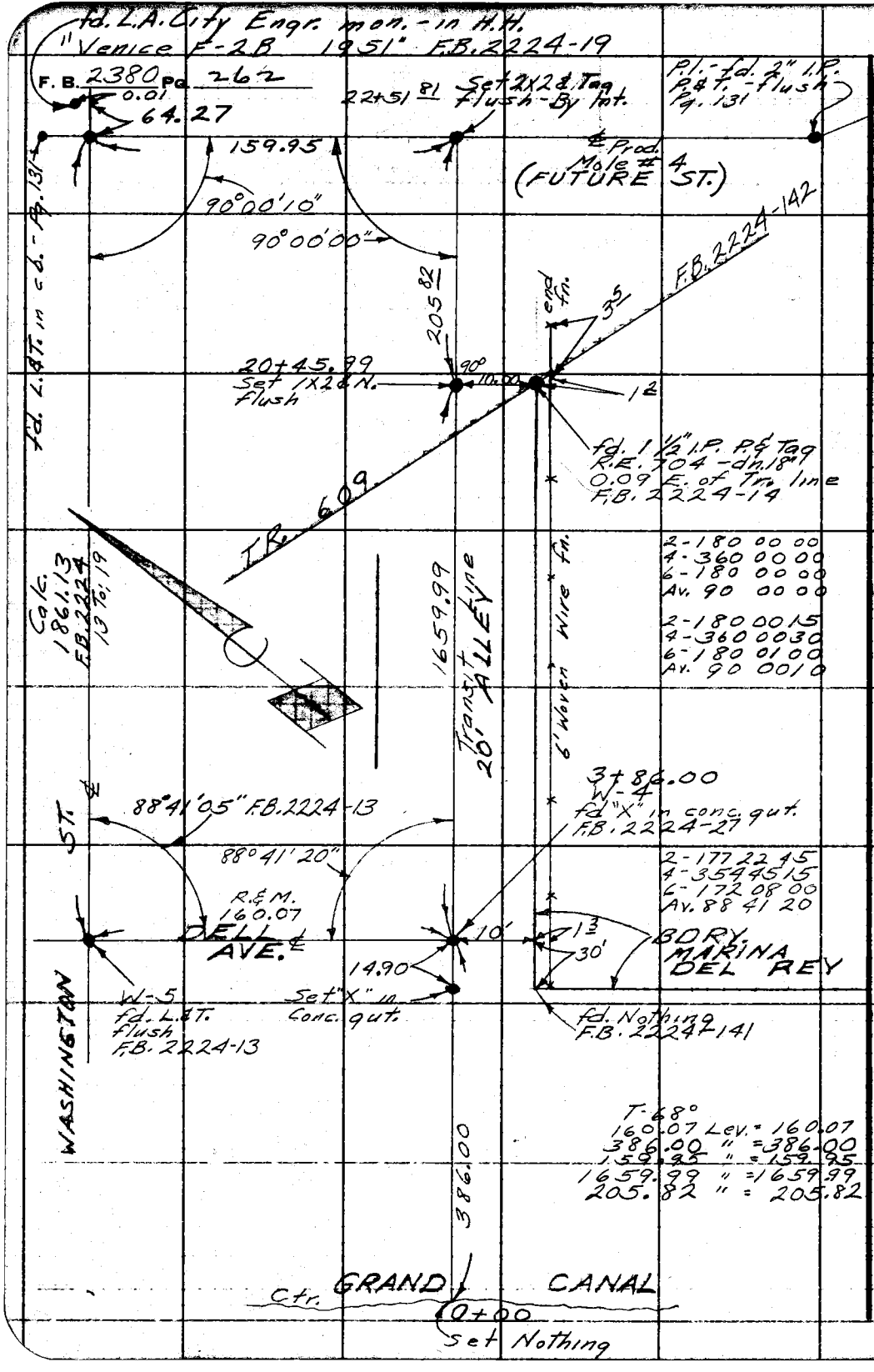
76F309S S&E #247 11-58



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STATION	B. S.	H. I.	F. S.	ELEV.	Transit	Line
B.M. (Fd.) Rey 41	6 77	12 08			Rey 41, el.=5.31, F.B. 2224-54	
0+00			11 5	0 6	ctr. grand canal	
0+14			10 6	1 5	Brk.	
0+24			6 2	5 9	"	
0+32			5 0	7 1	P.L.	
0+50			4 23	7 85	mac.	Transit line
			4 35	7 73	"	10 R.
			4 2	7 9	" 10 L.	
1+00			4 56	7 52	T. L.	
			4 32	7 76		7 5 ed. pv.
			4 3	7 8		10'
			4 59	7 49	10' ed. pv.	
1+35			5 39	6 69	cb. line prod. T. L.	
1+50			5 69	6 39	T. L.	
			5 25	6 83		10 R. ed. pv.
			6 02	6 06	10 L. ed pv.	
1+66			5 44	6 64	Cb. line prod. T. L.	
2+00			5 16	6 92	T. L.	
			4 92	7 16		7 R. ed. pv.
			4 6	7 5		10 R.
			~~5 16~~	~~6 92~~	~~7.6 L. ed. pv.~~	
			~~5 0~~	~~7 1~~	~~10 L.~~	

Profile Notes Red. ____ Plotted ____ Job No. 8910.02 Division No. 10 F. B. 2380 Pg. 263
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 3-60
No. ____ Date ____ Date ____ Map No. ____ Index No. C. John Date

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STATION	S. S.	H. I.	F. S.	ELEV.	Transit	Line
2+50		12 08	5 00	7 08	T.	L.
			4 75	7 33		7 5 R. ed. pv.
			4 76	7 32		10 R
			4 89	7 19	10 L.	
3+00			4 95	7 13	T.	L.
			4 55	7 53		7 5 R. ed. pv.
			4 5	7 6		10 R.
			4 95	7 13	8 L. ed. pv.	
			4 6	7 5	10 L.	
3+50			6 70	5 38	T.	L.
			5 95	6 13		10 R. ed. pv.
			5 70	6 38	9 L. ed. pv.	
			5 2	6 9	10 L.	
T.P.	6 18	11 49	6 77	5 31		
3+68 1			6 20	5 29	Cb. line Prod. T.	L. conc. gut.
4+04 2			6 12	5 37	" " " T.	L. " "
4+00			6 15	5 34	T.	L.
			5 35	6 14		10 R. ed. pv.
			5 31	6 18	10 L. pv.	

F. B. 2380 Pg. 264 Job No. 8910.02 Division No. 10 Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No.
Survey by English Notes Ed. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	Transit	Line
4+50		11 49	6 10	5 39		T. L. Conc. gut.
			5 28	6 21		10 R. ed. pv.
			5 21	6 28	10 L. ed. pv.	
5+00			5 97	5 52		T. L. Conc. gut.
			5 36	6 13		10 R. pv.
			4 97	5 52	10 L. ed. pv.	
5+50			5 91	5 58		T. L. Conc. gut.
			5 32	6 17		10. R. pv.
			5 08	6 41	10 L. ed. pv.	
6+00			5 82	5 67		T. L. Conc. gut.
			5 25	6 24		10 R. pv.
			4 94	5 55	10 L. ed. pv.	
6+50			5 70	5 79		T. L. conc. gut.
			5 06	6 43		10 R. pv.
			4 81	6 68	10 L. ed. pv.	
T.P.	4 10	11 89	3 70	7 79		
6+77.2			6 05	5 84	cb. line prod.	T. L. conc. gut.
7+00			6 03	5 86		T. L. " "
			5 44	6 45		10 R pv.
			5 23	6 66	10 L. pv.	
7+08			5 99	5 90		T. L. Conc. gut.

Profile Notes Red. ____ Plotted ____ Job No. 8910.02 Division No. 10 F. B. 2380 Pg. 265
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 1-3-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Jones Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	Transit	Line
7+50		11 89	592	597	T.	L. conc. gut.
			543	646		10 R. pv.
			523	666	10 L. ed. pv.	
8+00			582	607	T.	L. Conc. gut.
			533	656		10 R. pv.
			519	670	10 L. ed. pv.	
8+50			570	619	T.	L. conc. gut.
			529	660		10 R. pv.
			524	665	10 L. ed. pv.	
9+00			563	626	T.	L. conc. gut.
			532	657		10 R. pv.
			517	662	10 L. ed. pv.	
9+50			546	643	T.	L. conc. gut.
			516	673		10 R. pv.
			522	667	10 L. ed. pv.	
9+84 3			539	650	T.	L. Conc. gut.
10+00			538	651	"	" "
			504	685		10 R. pv.
			524	665	10 L. ed. pv.	
10+14 6			536	653	T.	L. conc. gut.

F. B. 2380 Pg. 266 Job No. 8910.02 Division No. 10 Notes Red. Date Plotted Date No. Profile
Survey of Marina Del Rey Notes Ed. Date Checked Date No. X-Sec.
Survey by English Notes Date Notes Chkd. Date
Index K. C. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.	Transit	Line
10+50		11 89	528	661		T. L. conc. gut.
			497	692		10 R. pv.
			517	672	10 L. ed. pv.	
11+00			512	677		T. L. conc. gut.
			493	696		10 R. pv.
			500	689	10 L. ed. pv.	
11+50			503	686		T. L. conc. gut.
			480	709		10 R. pv.
			490	699	10 L. ed. pv.	
12+00			492	697		T. L. Conc. gut.
			463	726		10 R. pv.
			478	711	10 L. ed. pv.	
T.P.	404	12 04	389	8 00		
12+50			500	689		T. L. conc. gut
			473	716		10 R. pv.
			485	704	10 L. ed. pv.	
12+88			488	701	cb. line prod.	T. L. conc. gut.
13+00			488	701		" " "
			442	747		10 R. pv.
			468	721	10 L. ed. pv.	
13+42 2			486	703	cb. line Prod	T. L. " "

Profile Notes Red. ____ Plotted ____ Job No. 8910.02 Division No. 10 F. B. 2380 Pg. 267
No. ____ Date ____ Date ____ Survey of Maring Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by Emlish Notes Ed. Date 3-60
No. ____ Date ____ Date ____ Map No. ____ Index No. C. Johnson

76L298 S & E #307 9-54

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

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

Do not extend notes this side of this line.

F. B. 2380 PG. 268 | Job No. 89.10.02 | Division No. 10 | Notes Red. | Plotted | Profile No.
Survey of Malibu Del Rey | Date | Date | X-Sec. No.
Survey by English | Notes Ed. | Notes Chkd. | Checked
Indexed E. C. Johnson | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	Transit	Line
13+50		12 04	487	7 19	T.	L conc. gut.
			449	7.55		10 R. pv.
			474	7.30	10L. ed pv.	
14+00			500	7 04	T.	L. conc. gut.
			472	7.32		10 R. pv.
			491	7.13	10L. ed. pv.	
14+50			508	6.96	T.	L. conc. gut.
			475	729		10 R. pv.
			489	715	10 L. ed. pv.	
15+00			514	690	T.	L. conc. gut.
			484	720		10. R. pv.
			495	709	10 L. ed. pv.	
15+46.2			525	679	ch. line prod.	T. L. conc. gut.
15+50			531	673		" "
			503	701		10 R. pv.
			510	694	10 L. ed. pv.	
15+81			544	660	end. pvmt.	T. L.
16+00			490	714		T. L.
			51	694		10 R.
			48	724	10 L.	
16+50			44	764		T L

76L[illegible] #807 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	Transit	Line
20+00		18 00	10 0	8 0		10 R
			9 7	8 3	10 L	
20+19			10 2	7 8	Btm. Brk	T. L
20+45.99			7 0	11 0	Top	T. L
20+50			7 0	11 0		
			9 0	9 0		10 R
			6 6	11 4	10 L	
21+00			7 8	10 2		T. L
			7 8	10 2		10 R
			8 3	9 7	10 L	
21+40			8 6	9 4	Brk.	T. L.
21+50			7 3	10 7		T. L.
			8 0	10 0		10 R.
			8 0	10 0	10 L.	
21+55			6 8	11 2	Brk.	T. L.
22+00			7 1	10 9		T. L.
			7 0	11 0		10 R.
			7 0	11 0	10 L.	
22+50			6 5	11 5		T. L.
			6 4	11 6		10 R.
			6 2	11 8	10 L.	

Note:
Hi. F.S. El. Int. T.L. & ℄ Prod. Mole #4, Pg 66
1800 6.5 11.5 Rey 53, el=9.38
8.69 9.31 F.B. 2224-155
22+51.81
fd. B.M. Rey 53

F. B. 2380 Pg. 270 8910.02 Job No. Division No. 10 Notes Red. Plotted No. Profile
Survey of Marina Del Rey Date Date X-Sec.
Survey by English Notes Ed. Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	Transit Line	
16+50		12 04	45	75		10 R.
			42	78	10 L.	
17+00			43	77		T L
			50	70		10 R.
			40	80	10 L.	
17+50			47	73		T L
			47	73		10 R.
			44	76	10 L.	
18+00			45	75		T L
			47	73		10 R.
			40	80	10 L	
18+50			45	75		T L
			46	74		10 R.
			41	79	10 L.	
19+00	941	18 00	345	859		T L
			105	75		10 R.
			101	79	10 L.	
19+50			99	81		T L
			104	76		10 R.
			95	85	10 L.	
20+00			103	77		

Profile Notes Red. ____ Plotted ____ Job No. 8910.02 Division No. 10 F. B. 2380 Pg. 269
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. L. Date 3-60
No. ____ Date ____ Date ____ Map No. ____ Index C. Johnson