Plotted, Checked by

Work

Survey of

JN Tape Std °F

Surveyed by

Notes Date

Indexed

F. B. Pg.

FOR LATER SURVEY

SEE

F.B. 3455

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
1403

Microfilmed Jan '86

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Notes Ck'd by	Survey of	F.B. 2624 Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

Page	Job	Description
		MARINA DEL REY 8910.72
5-24	Area	Survey of property which lies NEly of Lincoln Blvd., south of Maxella Ave., north of Ballona Creek & west of McConnell Ave. (Proposed fill areas).
25-38	Topog.& X-sec.	From the inter. of Washington St. & Dell Ave. to 1100' south on the C.L. prod. of Dell Ave.
39-59	Topog.& X-sec.	On the south side of Washington from Dell Ave. to Beach Ave.
61-66	Topog.& X-sec.	At the intersection of Washington & Palawan Way.
67-68	Elev.	Of Channel Bottom in vicinity of proposed Coast Guard Pier.
69-78	Sound	Loc., shore profile & soundings on 25' easement of So. California Gas Co. across the main channel.
79-80	Stake	Construction stakes for Submarine Cable Crossing.
81-83	C.L.	C.L. survey of Fiji Way for test holes.
85-87	Profile	Of Fiji Way for test holes 0739.06.
89-94	Stake	Administration Facilities-Constr. staking. (Parcel #62) - J.N. 8910.06.
95-96	Stake	As built construction staking-service building.

(cont'd on next page)

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76P2098 CE #310 5-66

F.B. 2624 Pg.

Page	Job	Description
97-100	Loc. & Elev.	Of east end of submarine cable after construction.
101-110	X-sec.	Final X-sec. after dredging fill on Mole #2 from E'ly bdry. line (0+00) W'ly to 24+00.
111-120	X-sec.	Final X-sec. after dredging fill on Mole #3 from east bdry line (0+00) W'ly to 24+00.
121-128	X-sec.	Final x-sec. after dredging fill on Mole #4 from east bdry line (0+00) W'ly to P.I. (17+09.07).
129-144	X-sec.	Final X-sec. over Parcel #62 (administration bldg. site) to determine dredgefill elevations.
145-154	Elev.	Channel bottom elev. adjacent to 12' Bulkhead Wall.
155-162	X-sec.	Control lines for cross-sections of slopes along the Marina Del Rey Bdry.
163-181	X-sec.	Cross-sections on perimeter slopes from inter C.L. Mole #2 & marina bdry. Nly to inter. of 1st alley S. of Washington St. & Dell Ave. Also cross-sections on perimeter slopes from inter. of 1st alley S. of Washington St. & control line going E. to Oxford Drainage Basin.
183-197	X-sec.	Cross-sections on Marina perimeter slopes along P.E. R/W bet. Oxford Drainage Basin & Lincoln Blvd.

(cont'd on next page)

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Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

Page	Job	Description
199-207	X-Sec.	Final cross-sections after dredging fill at Mole #1 from east bdry. line (0+00) westerly to 20+56.81.
209-215	X-sec.	Final X-sec. after dredging fill at Mole #5 from west bdry. line (0+00) E'ly to 13+00.
217-224	X-sec.	Final X-sec. after dredging fill at Mole #6 from west bdry. line (0+00) easterly to 14+25.40.
225-226	Topog.	Location of Service Bldg. in Plant Test Area.
227-233	Topog.	Waterfront development at Admin.Fac.
235-237	Prof.	Parcel 2-So. Calif. Gas Co. 25' easement centerline profile.
239-240	C.L.	Survey Parcels G & H in Plant Test Area (for gas line).
241-252	X-sec.	Along W'ly Bdry. of Marina from Mole 2 C.L. prod. - to Parcel 3.

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76P3098 CE #310 5-66

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E.B.

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 9-19-60
Date	Indexed M. E. On [redacted] 60

F. B. 2624 Pg. 5

J.N. 8910.72

Marina Del Rey

Survey of Property which lies N.E'rly of Lindoln Blvd, South of Marella Ave North of Ballona Creek and West of Mc Connell Ave. (Proposed Fill Areas)

9-19-60

Dougherty
Newman.
Sandoval
Adams.

Ref.

F.B. 1843
F.B 325
L.A. City F.B. 11694

C.S. B. 1124-9
R.S. 44-4
R.S. 39-24

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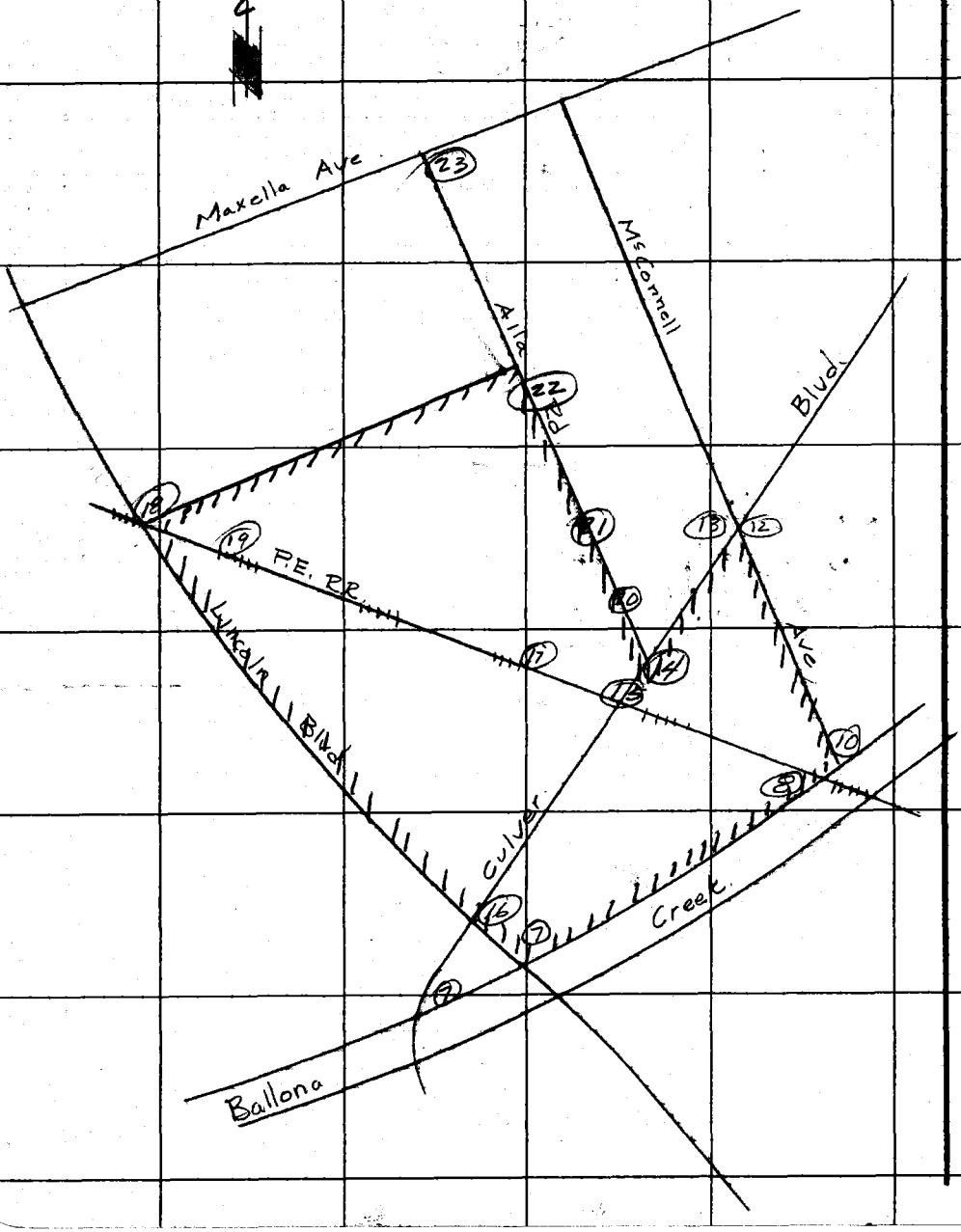
76F3095 CE #247—3-57

F. B. 2624 Pg. 6

Index Map.
"Fill area" shown in Red.



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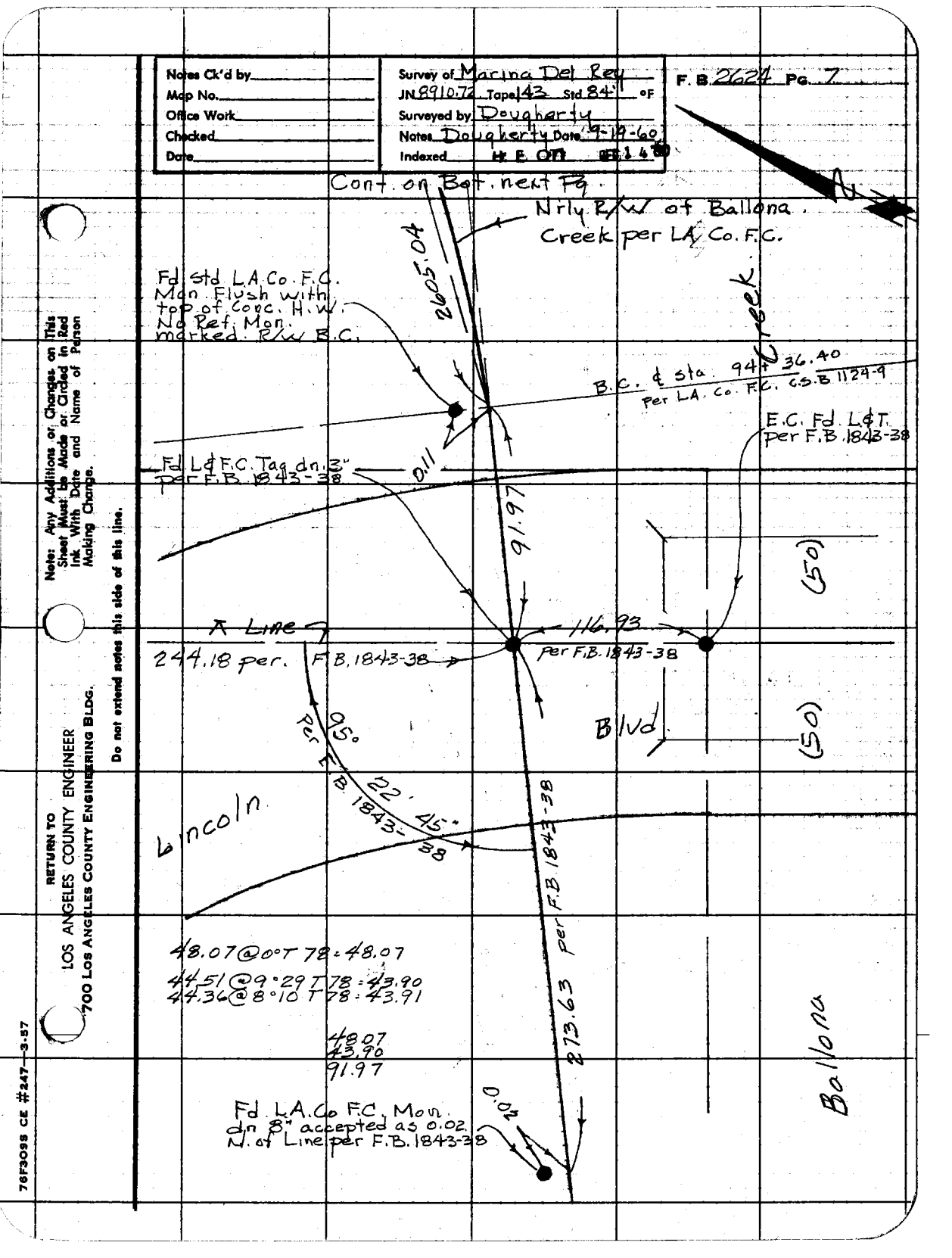
Map No.	JN 8910.72 Tape 43 Std 84' °F
Office Work	Surveyed by Dougherty
Checked	Notes Dougherty Date 9-19-60
Date	Indexed H. E. Ott

F. B. 2624 Pg. 7



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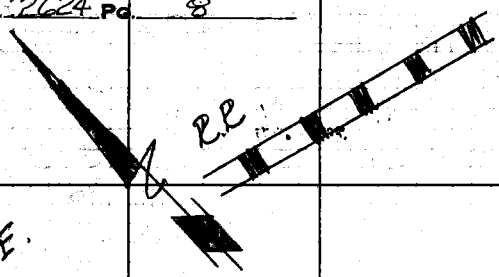
F.B. 2624 Pg. 8



50.43
54.95 calc.

P.E.

(90)

Fd. Std. F.C. Mon. dn 18"
No Ref. Mon. marked. R/W

112.91 @ 0° T 76 = 112.90

112.90

N'ly R/W Ballona Creek per L.A. Co. F.C. Ballona Creek

51.70 @ 12° 45' T 74 = 50.43
51.45 @ 11° 25' T 74 = 50.43

E.C. & Sta 120+70.11
per L.A. Co. F.C. C.S.B. 1124-9

Fd. Std. L.A. Co. F.C.
Mon dn 8" no Ref.
Mon marked R/W E.C.

F.C. Rec. R/W Curve

Δ = 7° 56' 32"
R = 18810.00
L.C. = 2605.32

2605.32 F.C. Rec.

R = 18,810.00

(2) 7-56-45
(4) 15-53-30
(6) 23-50-30
3° 58' 25"

2605.14 @ 0° T 76 = 2605.04

(2) 7° 56' 45
(4) 15-53-45
(6) 23-50-45
3° 58' 25"

2605.04 m

3° 58' 25"

3° 58' 25"

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Office Work	Surveyed by Dougherty
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Date	Indexed H. E. 10/7

F. B. 2624 Pg. 9

Cont. on L.t. of next Pg

1169.21 @ 0° T 66 = 1169.07

Ⓐ 250-04-15
Ⓑ 140-08-15
Ⓒ 30-12-30
125° 02' 05"

867.28 @ 0° T 76 = 867.23

60.50 @ 10° 39' T 74 = 59.46
60.84 @ 12° 11' T 74 = 59.47

867.23

N'ly R/W Ballona Creek

Fd. Std. LA Co F.C. Mon on 16" No Ref. Mon marked R/W

125° 02' 05"

59.47

54.95 calc.

Ballona Creek

4 R.R. R/W F.C. Mon Per. LA. Co.

R.R.

4.52

Set 1" I.P. Cmt & C.E. Tag on split of F.C. mon

P.E.

P.C.

1169.07

Set N & T on Line

50.43

54.95 calc.

Cont. on Top Pg. 15

Cont. from Top Last Pg.

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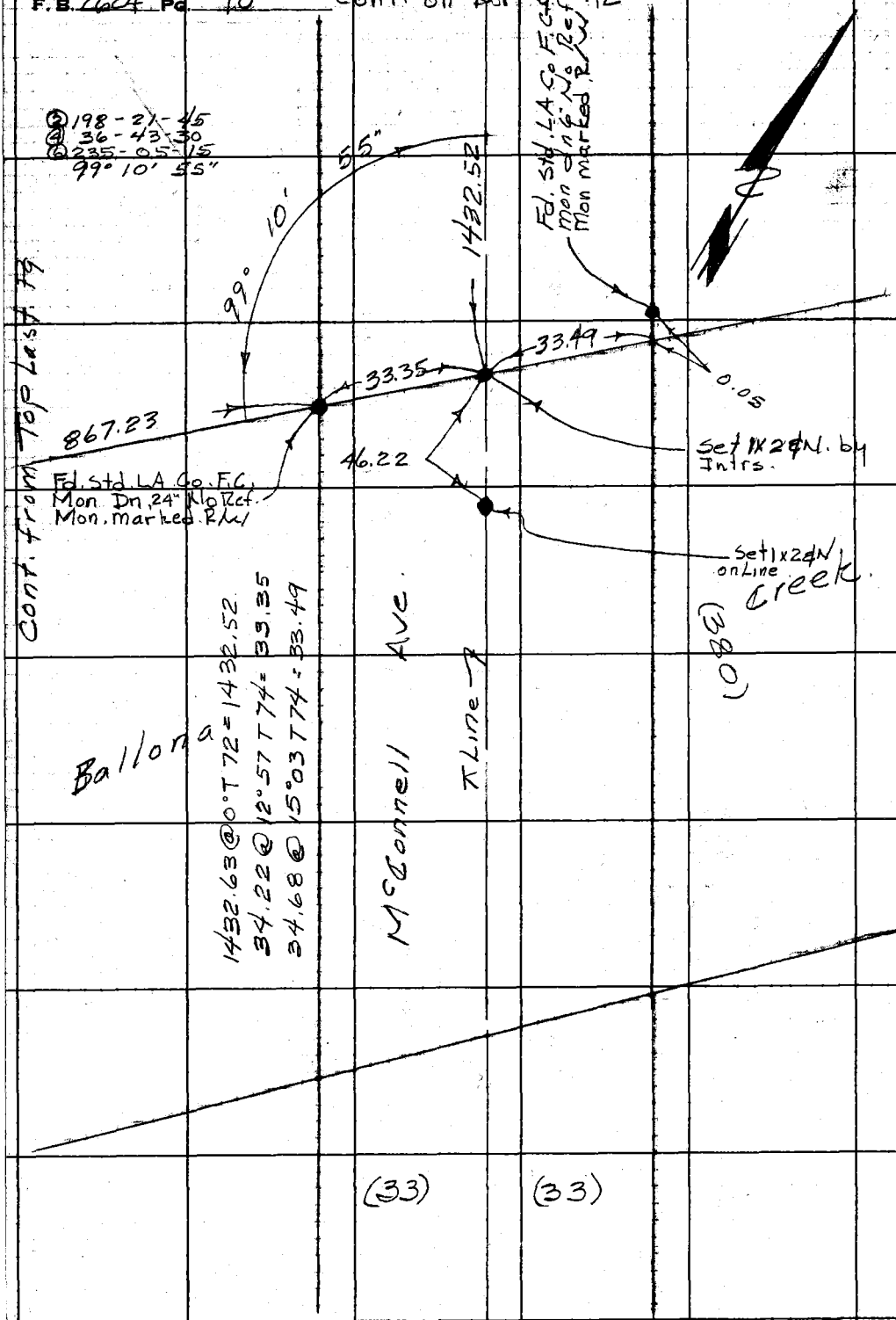

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Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 2910.72 Tape 143 Std 84 °E
Office Work	Surveyed by Dougherty
Checked	Notes Dougherty Date 9-21-60
Date	Indexed

F. B. 2624 Pg. 11

Cont. from Bot of last Pg.

(33) (33)

P.E.

R.R.

Fd. 2X2 & Nail
No Ref.

Ave

McConnell

℄ Line

(50)

℄ Line

(40)

Jefferson

Blvd

Fd. Spk & W dn 2"
per F.B. 325-73

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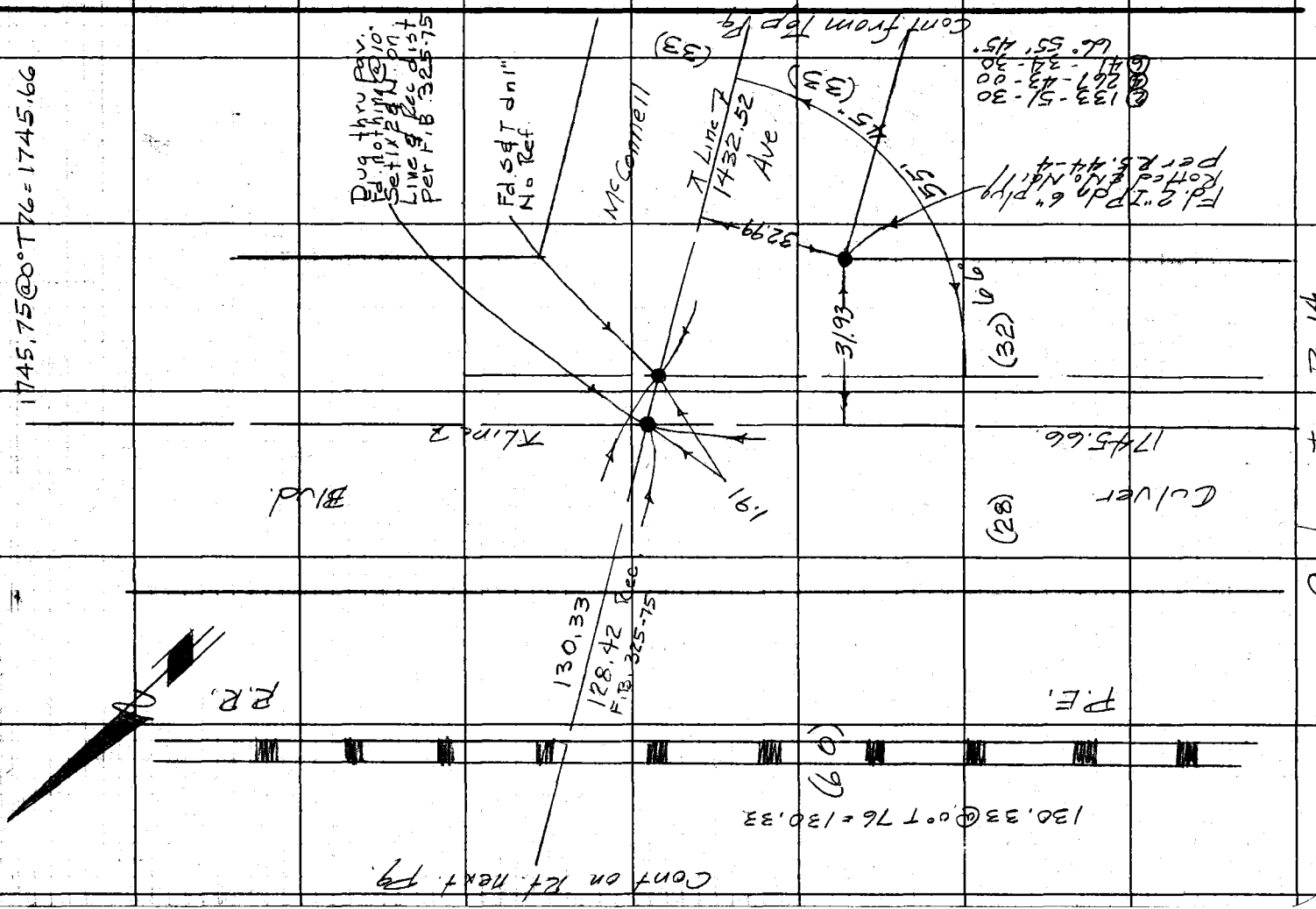

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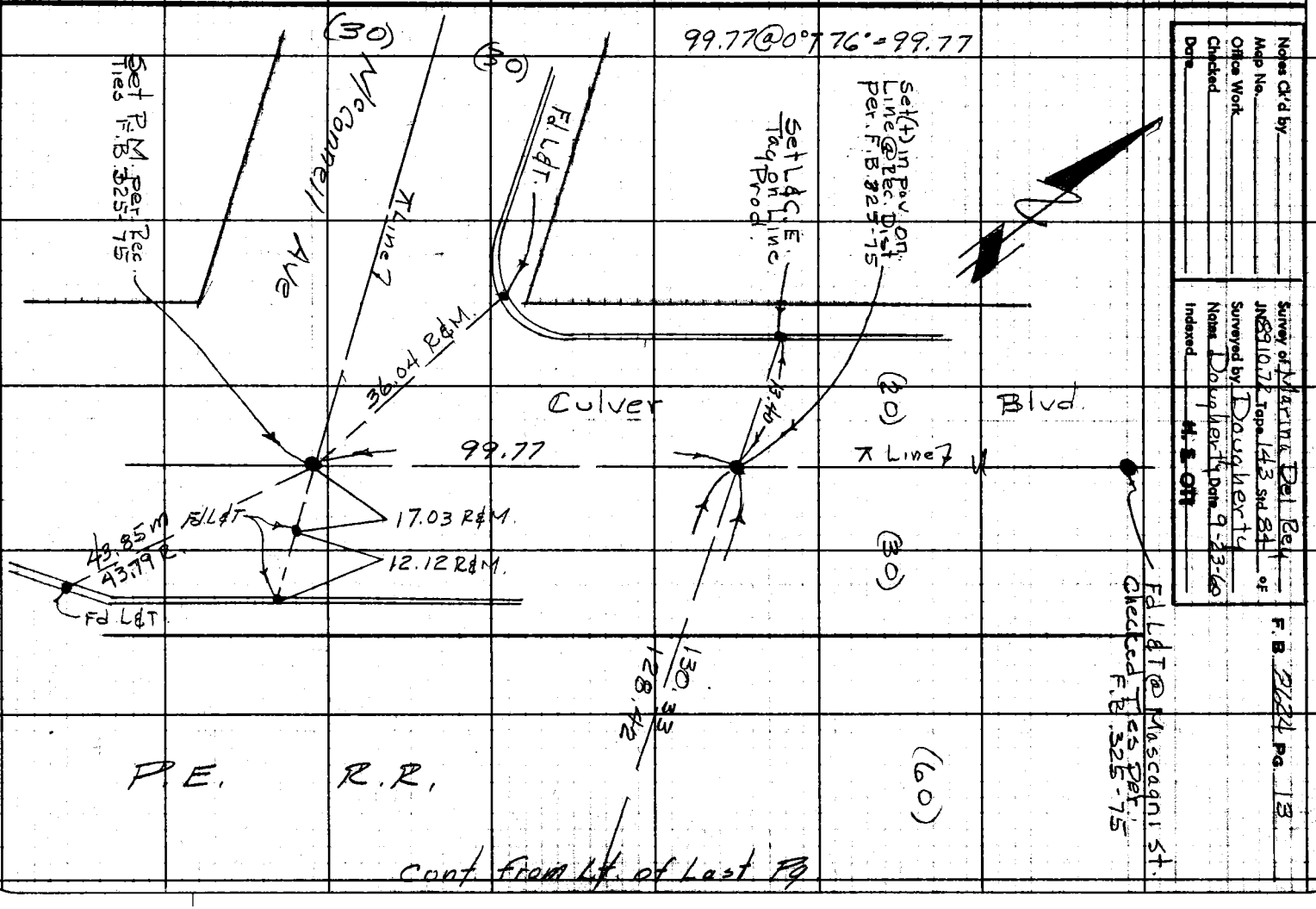

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Office Work
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Date

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JN 8910.72 Tape 143 Std 81 OF
Surveyed by Dougherty
Notes Dougherty Date 9-23-60
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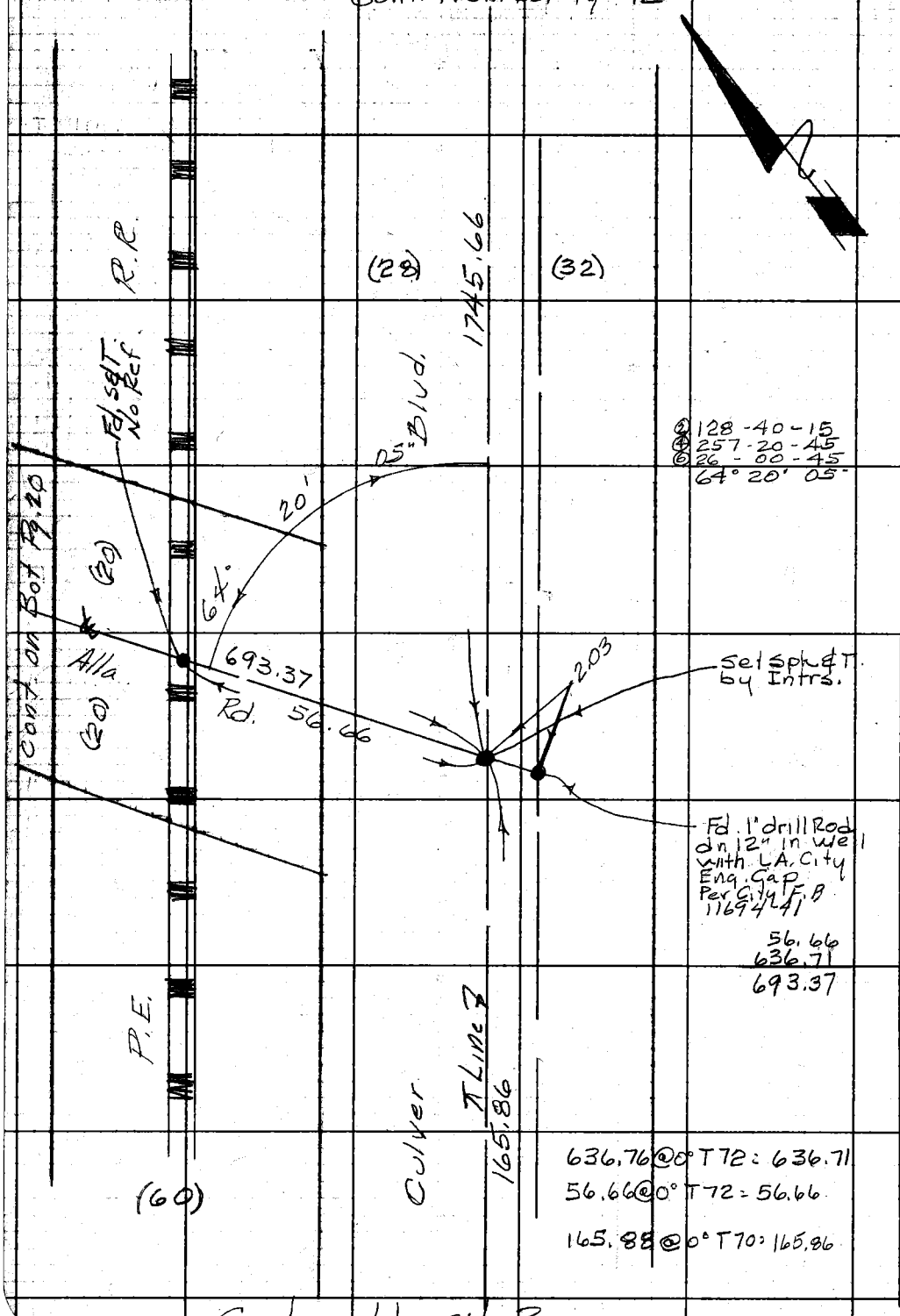
F. B. 2624 Pg. 14

Cont. from Bot Pg 12



@ 128 - 40 - 15
@ 257 - 20 - 45
@ 26 - 00 - 45
64° 20' 05"

56.66
636.71
693.37

636.76 @ 0° T 72 = 636.71
56.66 @ 0° T 72 = 56.66

165.88 @ 0° T 70 = 165.86

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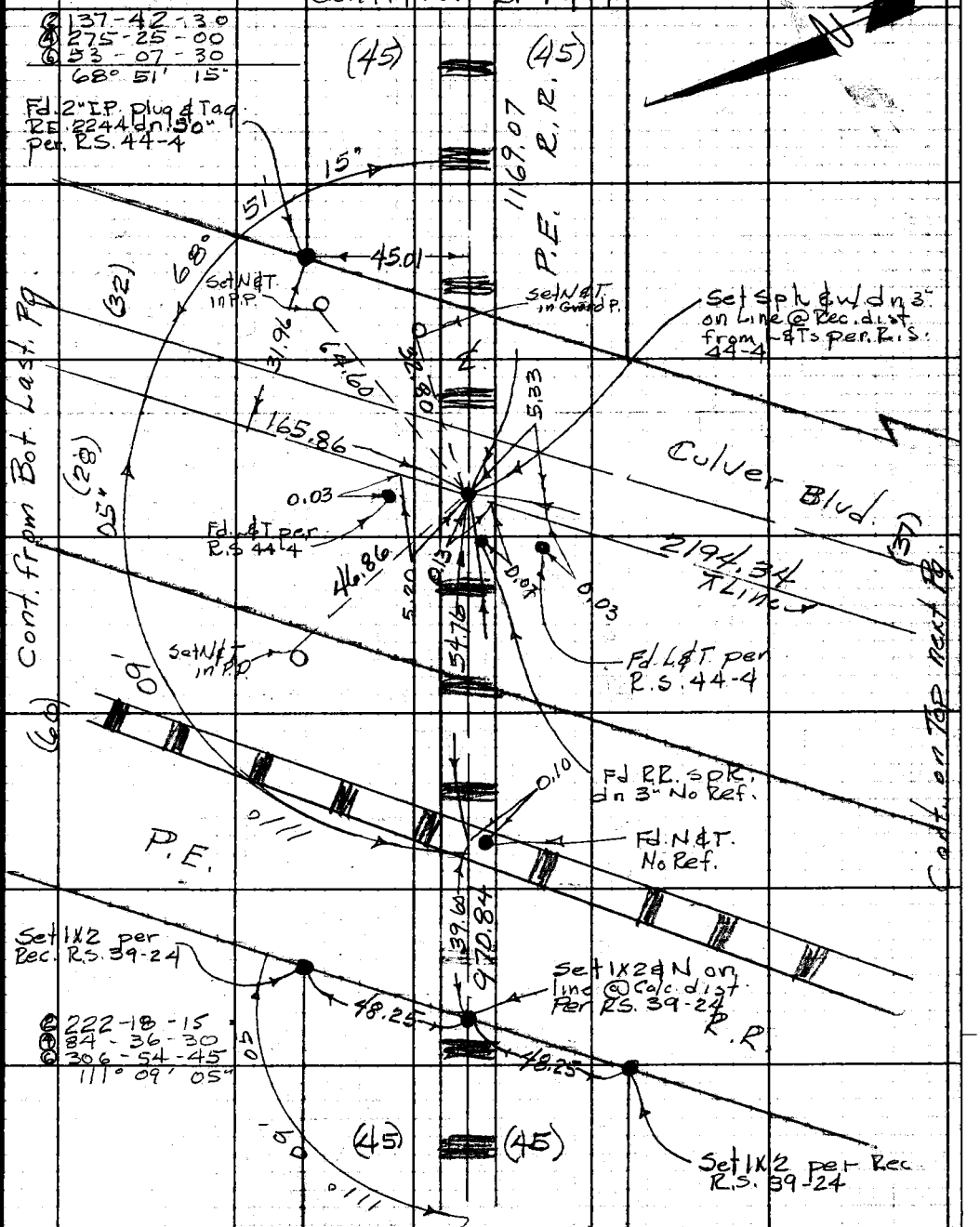
Notes Ck'd by	Survey of Marina Del Rey	F. B. 2624 Pg. 15
Map No.	JN 891072 Tape 143 Std 84 °F	
Office Work	Surveyed by Dougherty	
Checked	Notes Dougherty Date 9-26-60	
Date	Indexed H. E. OTT	

Cont. from Lt Pg 9



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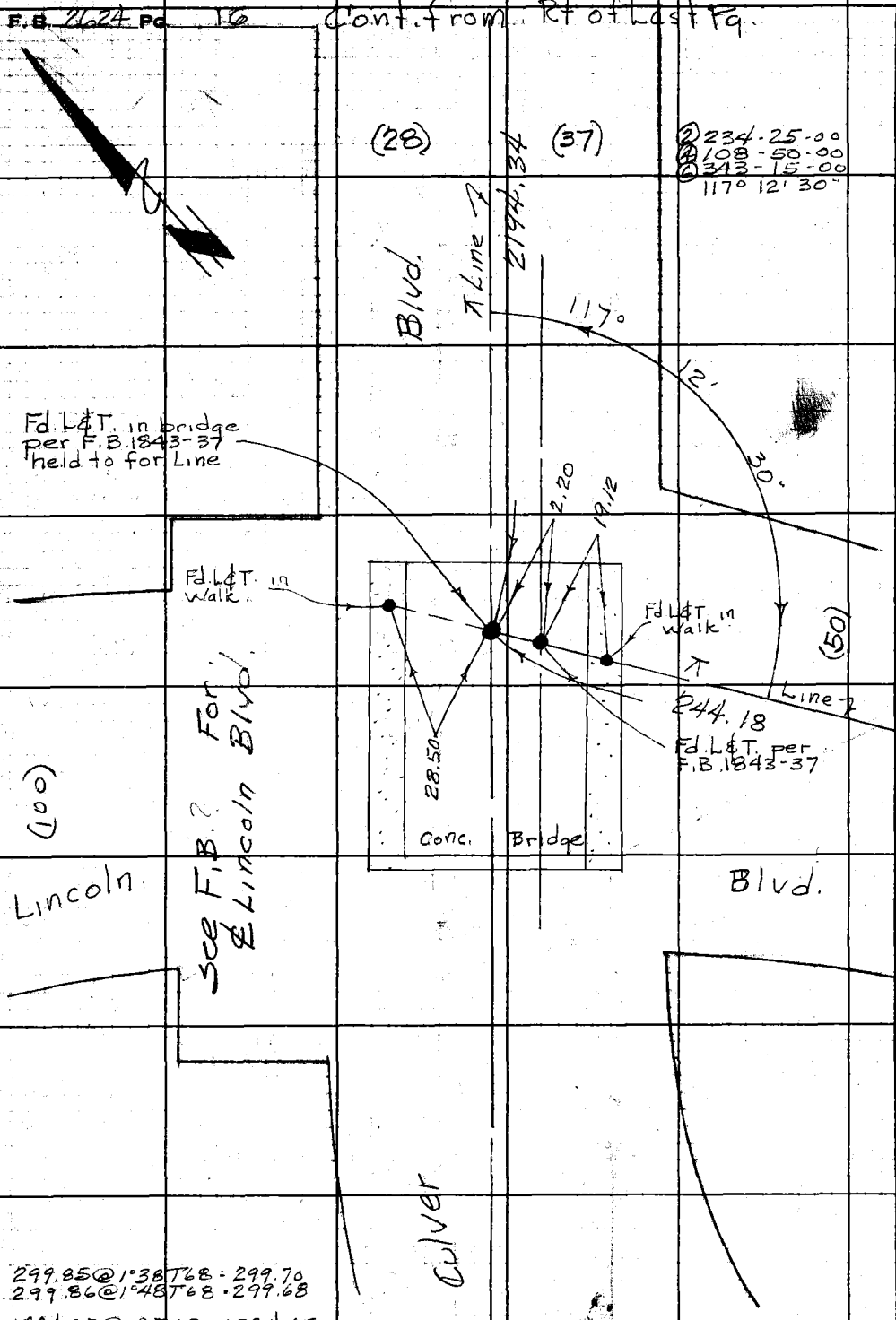
76F309S CE #247—3-57

F.B. 2624 Pg. 16 Cont. from Rt of Last Pg.



299.85@1°38'T68 = 299.70
299.86@1°48'T68 = 299.68
1894.85@0° T68 = 1894.65
299.69
2194.34

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Map No.	JN 8910.72 Tape 143 Std 84 °F	
Office Work	Surveyed by Dougherty	
Checked	Notes Dougherty Date 10-6-60	
Date	Indexed	

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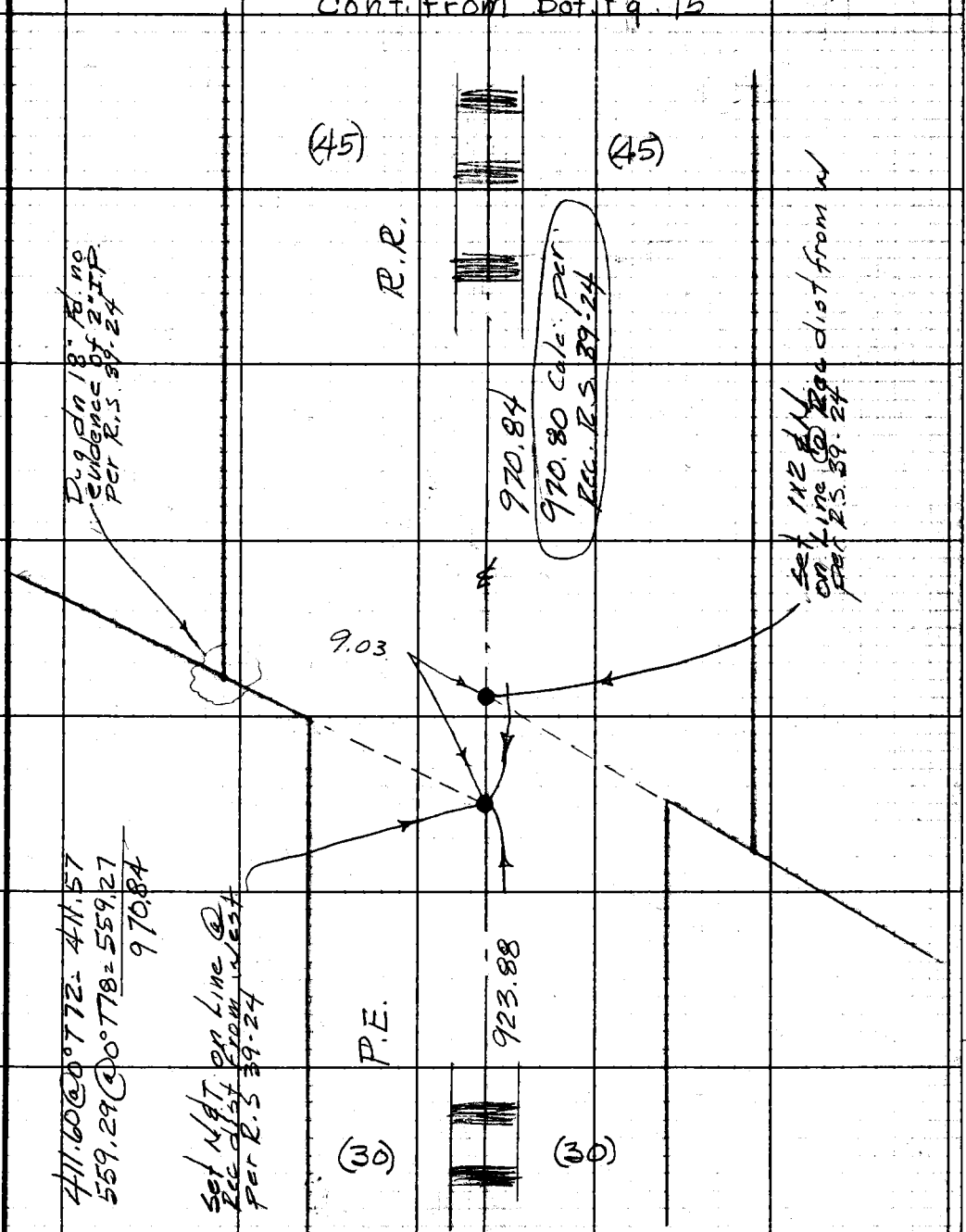

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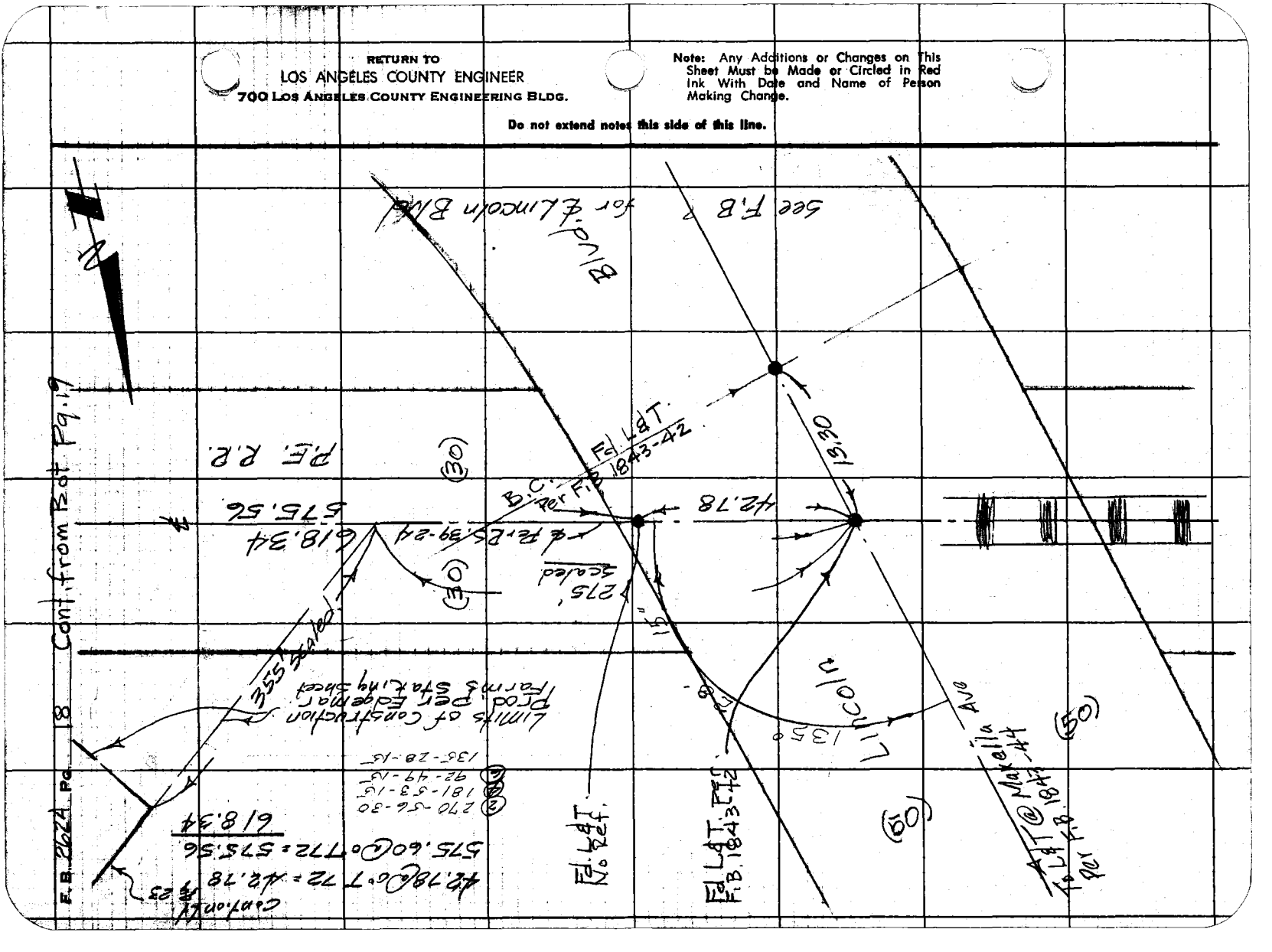

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Map No.	JN 8910.72 Tape 143 Std 84 °F	
Office Work	Surveyed by Dougherty	
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Date	Indexed H.E. on	

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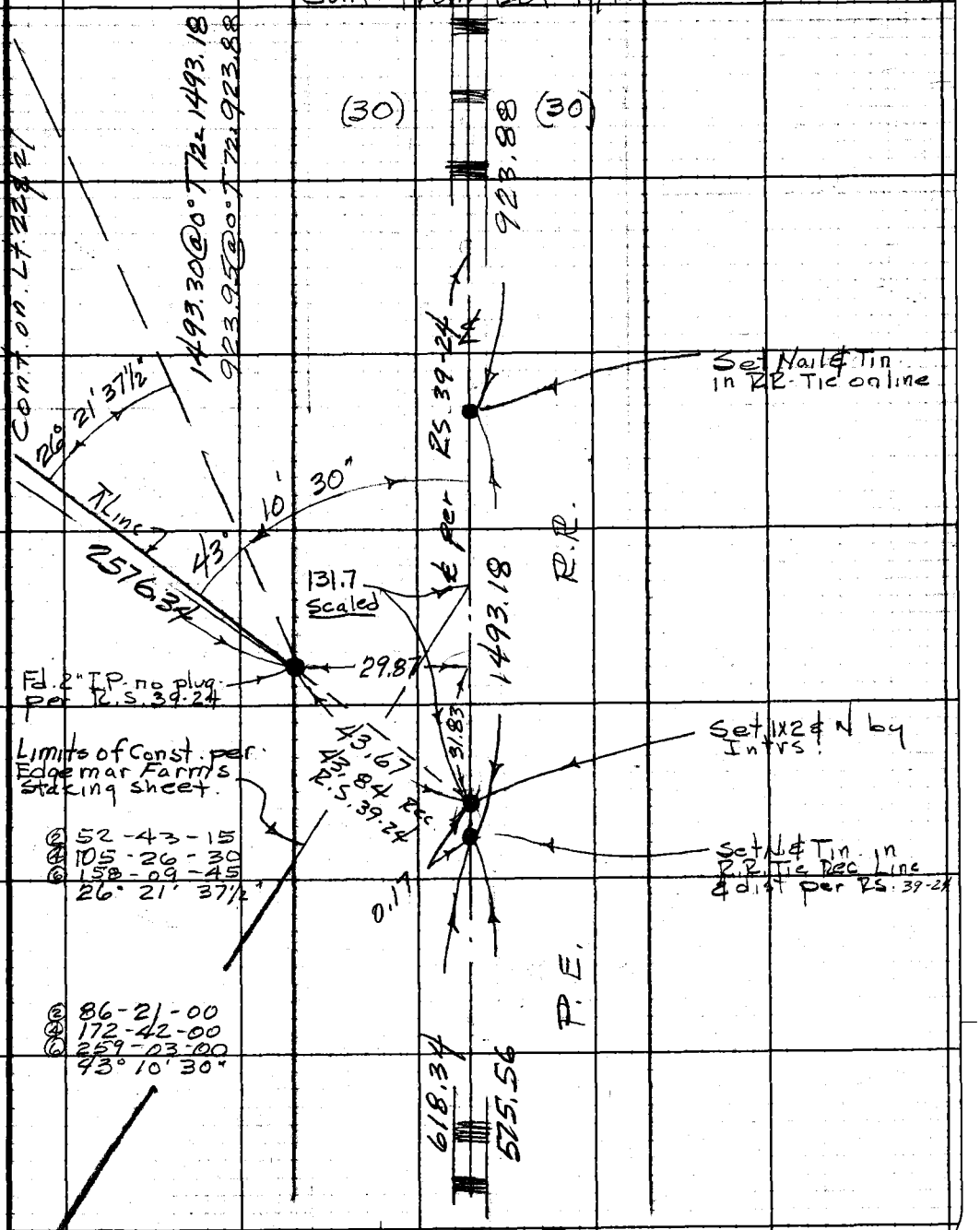

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F.B. 2624 Pg. 20

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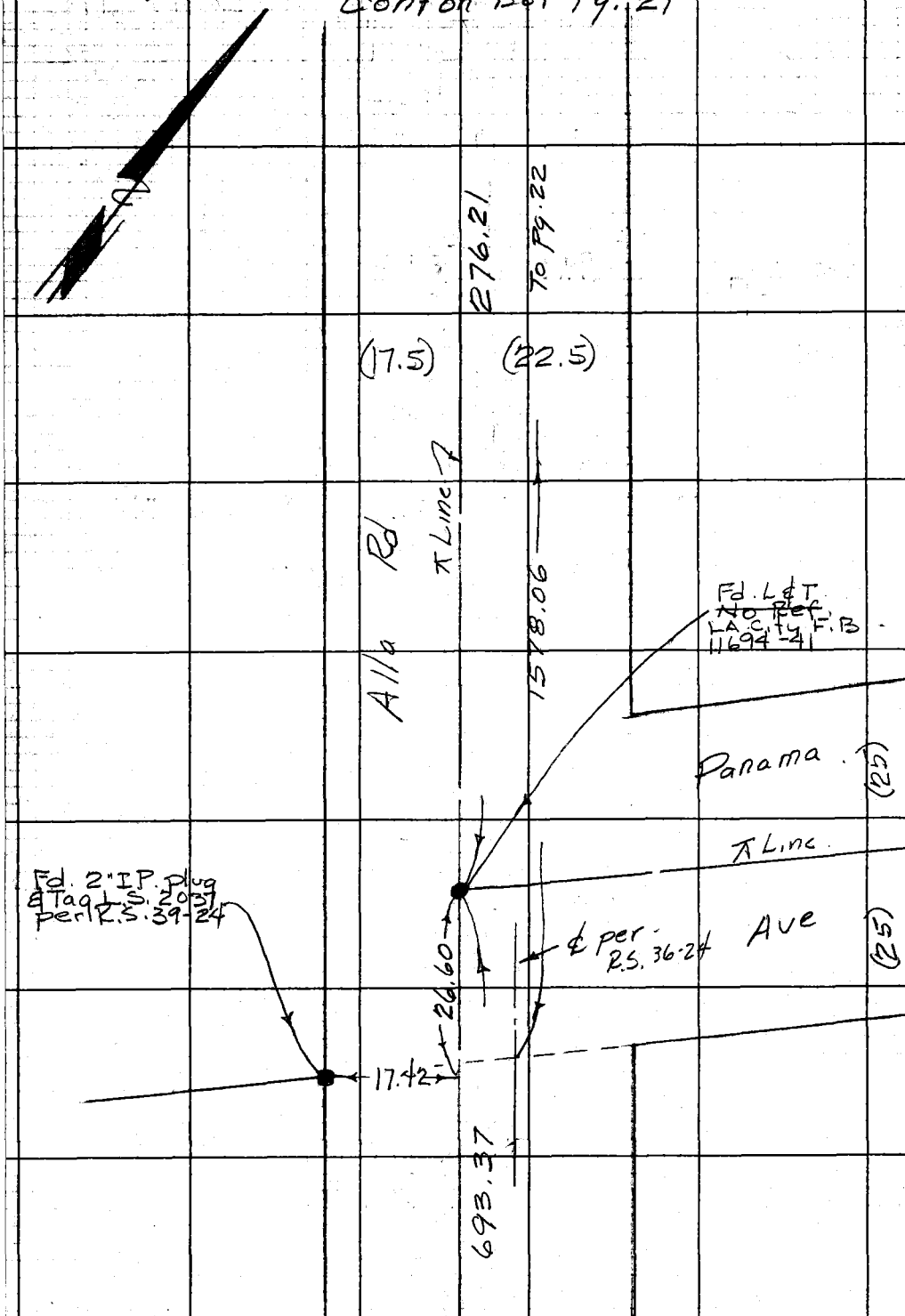

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Office Work	Surveyed by Dougherty
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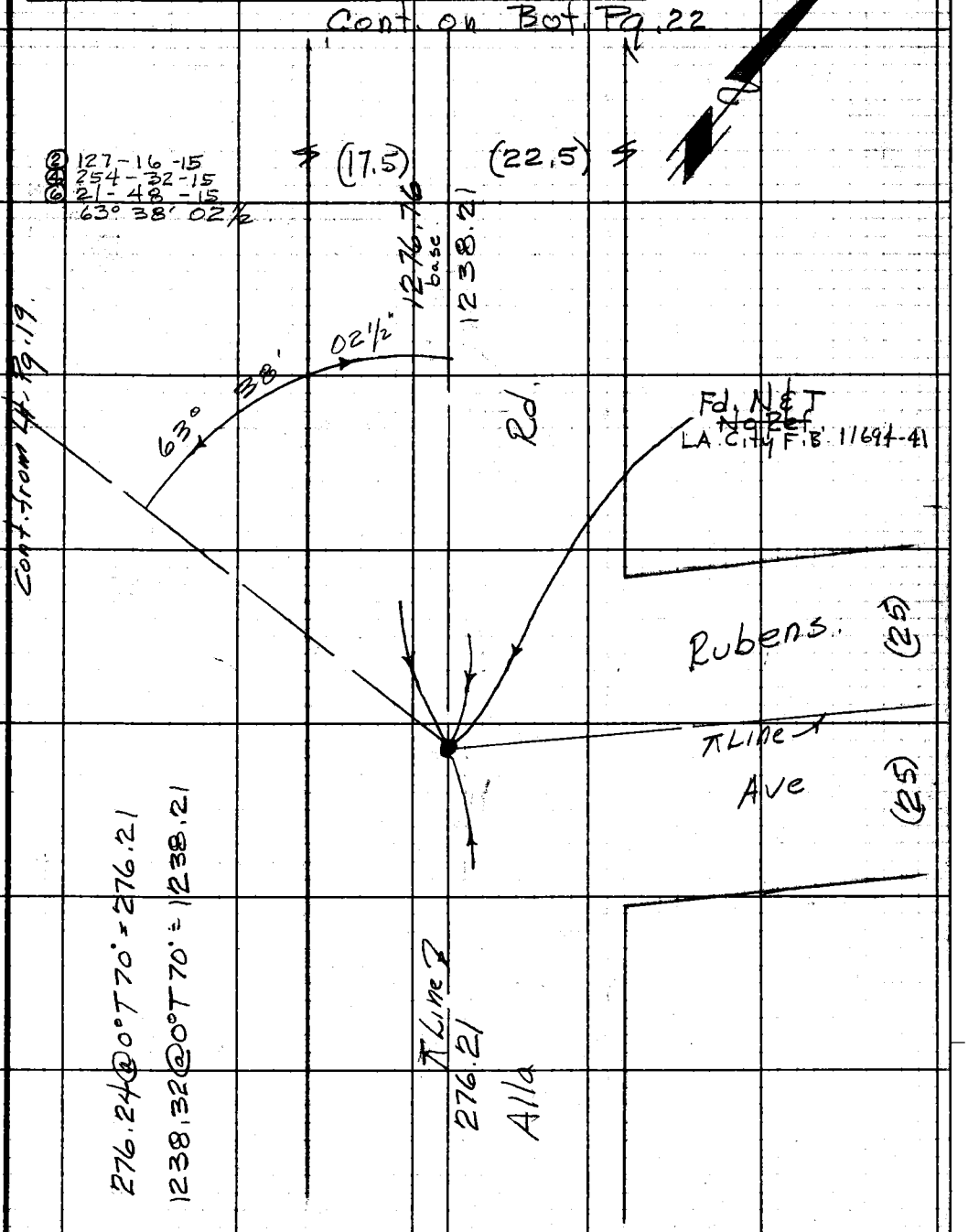
Date	Indexed H. S. OTI

F. B. 2624 Pg. 21

Cont. on Bot. Pg. 22



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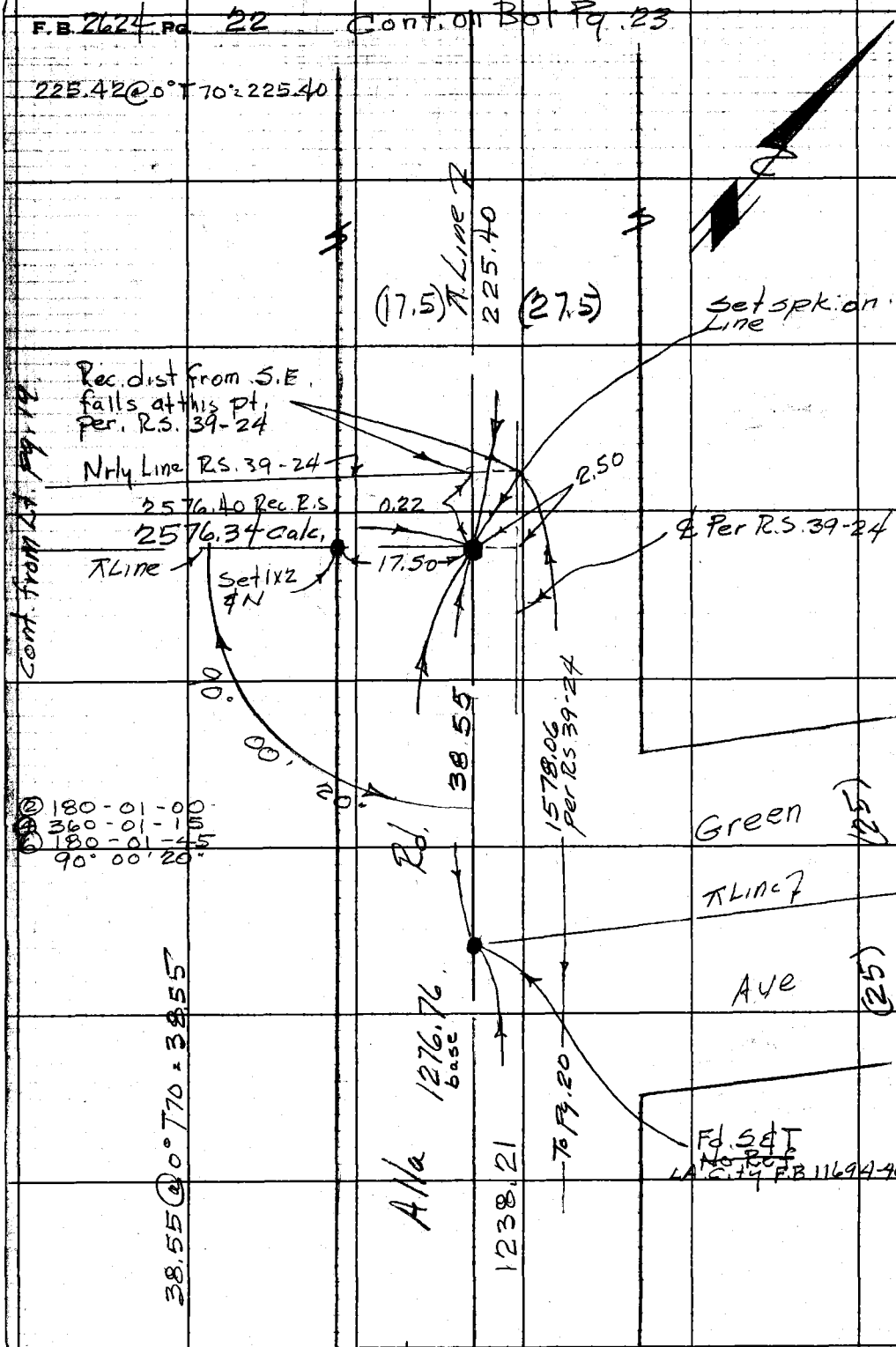
F.B. 2624 Pg. 22 Cont. on Bot Pg. 23



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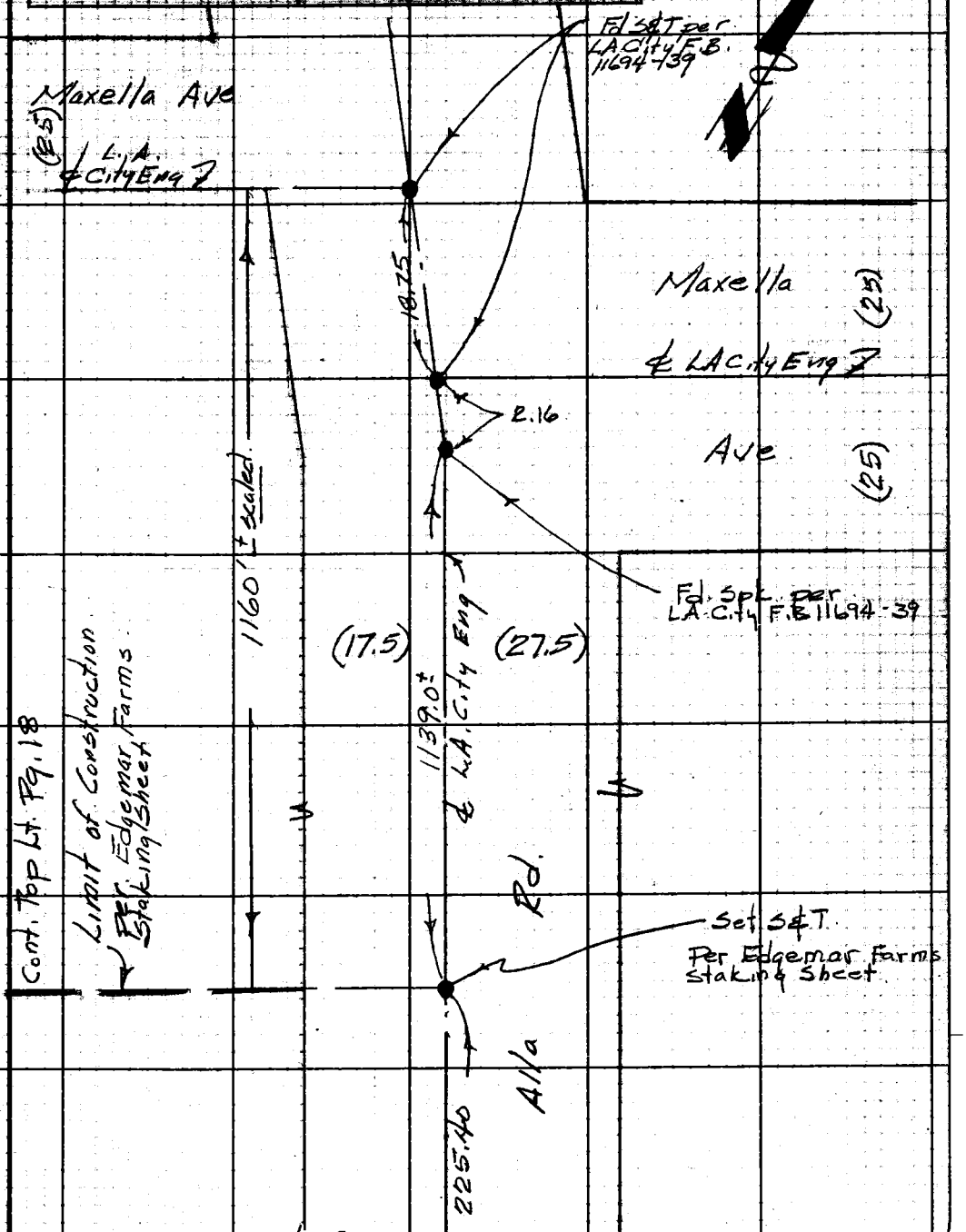
Date	Indexed H. E. OTT

F. B. 2624 PG. 23



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768098 CE #247—7-53

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F. B. 2624 PG. 24

Notes Ck'd by	Survey of MARINA DEL REY ACCESS ROADS	F.B. 2684 Pg. 25
Map No.	JN 8910.10 Tape	Std. °F
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date 5-26-61	
Date	Indexed H. E. OTT 8.5 61	

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76F3098 SAE #247 11-58

SURVEY

FOR

MARINA DEL REY ACCESS ROADS

J.N. 8910.10

J.P. MENNE

W.J. VOGE

L.C. LOVE

H. ROBBINS

F. B. 2624 PG 26

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CLUNE AVE

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DELL AVE

PACIFIC AVE

WASHINGTON ST. STREET

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Map No.	JN 8910.10 Tape Std °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 5-29-61
Date	Indexed JS 61 H. E. On

F. B. 2624 PG. 27

SURVEY
FOR
MARINA DEL REY ACCESS ROADS

TOPOGRAPHY

BEGINNING
℄ INTERSECTION OF WASHINGTON ST.
& DELL AVE 1100' SOUTH ON
PROD OF DELL AVE.
0+00 = 1100' SO. OF WASH. ST.

J.P. MENNE
W.J. VOGE
L.C. LOVE
H. ROBBINS

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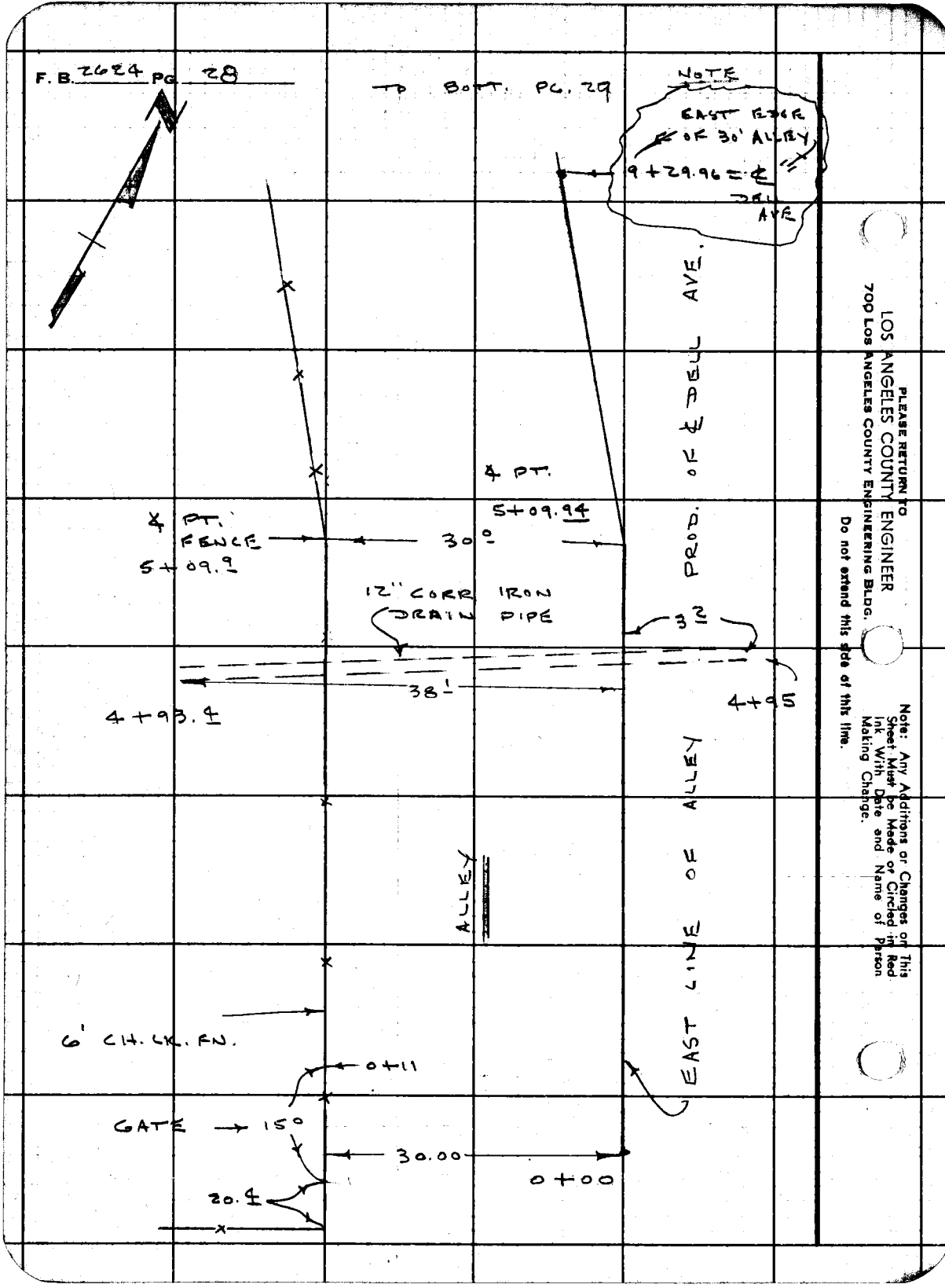
76F309S S&E #247 11-58


F. B. 2624 PG. 28
TO BOTT. PG. 29
NOTE
EAST EDGE OF 30' ALLEY
9+29.96 = ℄ DELL AVE
PROD. OF ℄ DELL AVE.
℄ PT.
5+09.94
℄ PT. FENCE
5+09.9
30°
12" CORR IRON DRAIN PIPE
3.2
38.1
4+93.4
4+95
ALLEY
EAST LINE OF ALLEY
6' CH. LK. FN.
0+11
GATE → 15°
30.00
0+00
20.4
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700 LOS ANGELES COUNTY ENGINEERING BLDG.
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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by		Survey of MARINA DEL REY ACCESS ROADS	F. B. 3624 PG. 29
Map No.		JN 8910.10 Tape Std °F	
Office Work		Surveyed by J.P. MENNE	
Checked		Notes J.P.M Date 5-29-61	
Date		Indexed H. E. OTT	

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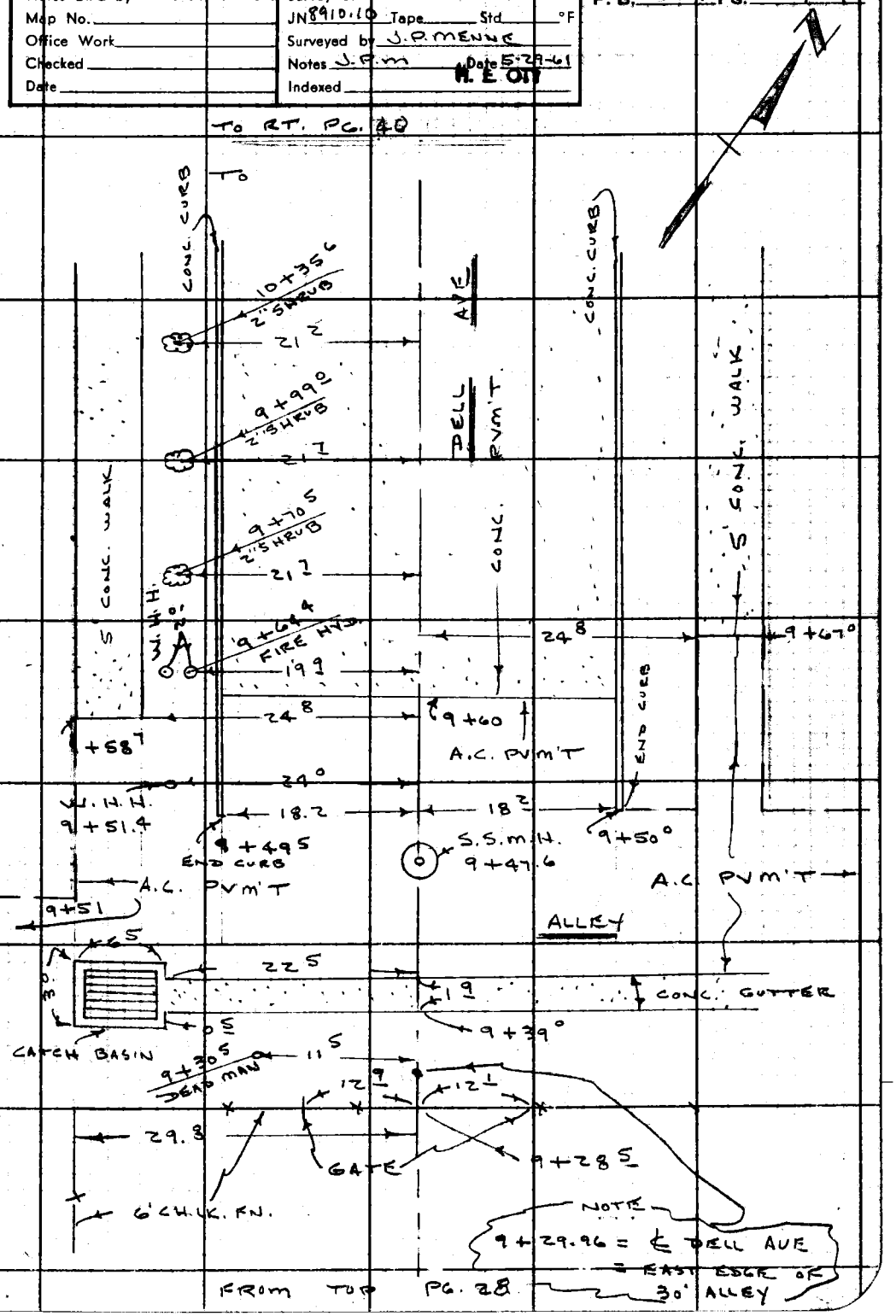
700 Los Angeles County Engineering Bldg.

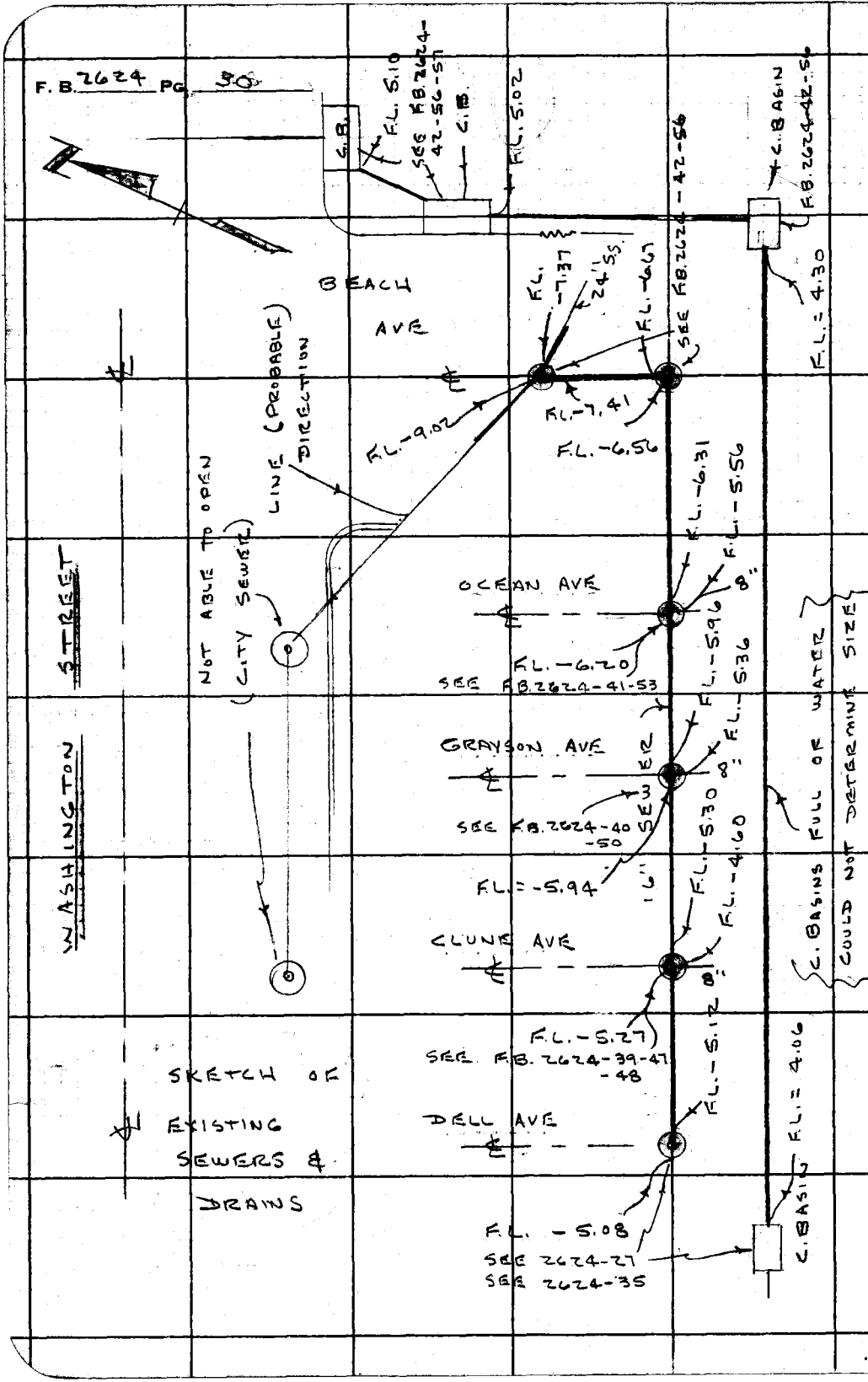
76F3098 SEE #247 11-58

TO RT. PG. 28



FROM TOP PG. 28

F. B. 2624 PG. 30



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F. B. 2624 Pg. 31

Profile No. | Notes Red. | Date | Plotted | Date | Job No. 8910.10 | Division No. | Survey of MARINA DEL REY ACCESS ROADS

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey by J.P. MENNE | Notes J.P.M | Map No. | Indexed H. E. OTT | Date 5-29-61 | JUL 5 61

X - SECTIONS OF PROD. OF DELL AVE.

0+00 = 1100' SO. OF WASHINGTON STREET

STATION	B. S.	H. I.	F. S.	ELEV.
			J.P. MENNE	
			W.J. VOGE	
			L.C. LOVE	
			H. ROBBINS	

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.

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76298 S & E #307—7-55

76298 S & E #307—7-55

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Do not extend notes this side of this line.

F.B. 2624 Pg. 31 | Job No 8910.10 Division No ____ Notes Red ____ Plotted ____ No. ____ Profile
Survey of MARINA DEL REY ACCESS ROADS Date ____ Notes Chkd ____ Checked ____ No. ____ X-Sec.
Survey by J.P. MENNE Notes J.P.M. Date ____ Date ____ Date ____
Indexed M.E.O.D. Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED	
	STATIONING ALONG EAST LINE OF 30' ALLEY 0+00 TO 9+29.96 & PT 5+09.94 TO 11+00 & INTER. OF WASH. ST. & DELL AVE.					
M.D.R. Bm. 66 (FD)		NOTE		10 47	m.d.r.b.m.66 F.B. 2649-27	
					LEFT	RIGHT
0+00		℄ = EAST EDGE OF 30' ALLEY FROM 0+00 TO 9+29.96		9 82	1x1	℄
				9 7		10' R TOE S. FILL AREA
				10 4	30' L FN. LN.	
0+50				8 60	1x1	℄
		9+29.96 TO 11+00 ON ℄ DELL AVE		8 1		7' R TOE S. & DRAIN
				9 5	5' L TOP BANK-ED. RD.	
				10 5	30' L FN. LN.	
1+00				8 49	1x1	℄
				7 4		6' R. TOE S. & D.
				10 2	4' L TOP B.-ED. RD.	
				10 3	30' L FN. LN.	
1+50				8 40	1x1	℄
				7 1		5' R. TOE S. & D.
				9 9	7' L TOP B ED. RD.	
				10 4	30' L FN. LN.	
2+00				8 30	1x1	℄
				7 0		5' R TOE S. & D.
				10 0	8' L TOP B. ED. RD.	
				10 4	30' L FN. LN.	

76L298 307 10-51

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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.	LENKER ROD USED LEFT	RIGHT
2+50				8 35	1x1	℄
				7 0		5' R. TOE S. & DRAIN
				10 4	7' L TOP BANK - ED. RD.	
				10 6	30' L FN. LN.	
3+00				8 17	1x1	℄
				6 7		6' R. TOE S. & D.
				10 5	7' L TOP B. - ED. RD.	
				10 7	30' L FN. LN.	
3+50				8 20	1x1	℄
				6 9		5' R. TOE S. & D.
				10 7	8' L TOP B. ED. RD.	
				10 5	30' L FN. LN.	
T.P.				10 56	T.P. - BT. SPK.	
4+00				8 33	1x1	℄
				7 3		8' R TOE S. & D.
				10 6	9' L TOP. B. - ED. RD.	
				10 5	30' L FN. LN.	
4+50				8 35	1x1	℄
				6 7		8' R TOE S. & D.
				10 4	7' L TOP B. - ED. RD.	
				10 6	30' L FN. LN.	

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Job No. 8910.10 Division No. ____ F.B. 2624 PG. 33

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Survey of MARINA DEL REY ACCESS ROADS

Survey by J.P. MENNE Notes J.P.M. Date 5-29-61

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

76L298 307 10-51

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED LEFT	℄ RIGHT
4+93.4				5 28	38.1 L. FLOW LINE 12" CORR. IRON PIPE	
4+95.0				5 37		3.2' R. FLOW LINE 12" CORR. IRON PIPE
5+00				7 35	1x1	℄
				6 3		2' R. EDGE DRAIN
				6 3		9' R TOE S. & Ed. DRAIN
				10 2	8' L TOP B. & Ed. RD.	
				10 3	26' L ED. RD.	
				9 0	30' L FN. LN.	
5+09.94				7 95	1x2	℄
5+50				7 90	1x1	℄
				6 3		6' R. TOE S. & DRAIN
				9 5	7' L	
				9 8	26' L ED. RD.	
				8 6	30' L FN. LN.	
6+00				8 20	1x1	℄
				6 8		4' R. DRAIN
				7 1		14' R.
				9 5	5' L TOP B. ED. RD.	
				9 8	26' L ED. RD.	
				9 0	30' L FN. LN.	
T.P.				8 66	T.P. BT. SPK.	

F.B. 2684 PG. 34 Job No. 8910.10 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of MARINA DEL REY ACCESS ROADS Date ____ Date ____ No. ____
Survey by J.P. MENNE Notes J.P.M. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed H.E. OH Date ____ Date ____ Date ____ No. ____

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED LEFT	RIGHT
6+50				8 66	1x1	℄
				6 6		7' R DRAIN
				9 6	4' L Top B. ED. RD.	
				9 9	25' L	
				8 9	30' L FN. LN.	
7+00				8 46	1x1	℄
				6 8		7' R. DRAIN
				9 5	4' L Top B. ED. RD.	
				9 7	25' L	
				8 7	30' L FN. LN.	
7+50				8 56	1x1	℄
				7 3		4' R. DRAIN
				7 3		12' R "
				9 5	3' L Top B. ED. RD.	
				9 7	25' L	
				8 6	30' L FN. LN.	
8+00				7 65	1x1	℄
				6 7		5' R. DRAIN
				6 7		12' R. "
				9 1	5' L	
				9 5	25' L	

Profile Notes Red ____ Plotted ____ Job No. 8910.10 Division No. ____ F.B. 2624 PG. 35
No. ____ Date ____ Date ____ Survey of MARINA DEL REY ACCESS ROADS
X-Sec. Notes Chkd ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 5-29-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

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2649-24

Do not extend notes this side of this line.

MDR. BM 59- 6.97

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED LEFT	℄ RIGHT
				8 5	30' L FN. LN	
8+50				8 26	141	℄
				6 9		6' R DRAIN
				7 6		19' R
				9 1	4' L TOP B. ED. RD.	
				9 2	26' L	
				8 1	30' L FN. LN.	
9+00				6 96	SPK. & T.	℄
				6 9		5' R TOP B. ED. RD.
				6 2		10' R DRAIN
				6 2		15' R
				7 2	17' L ED. RD.	
				7 6	30' L FN. LN.	
T.P.				6 74	T.P. BT. SPK.	
9+28.5				6 1		℄
				6 3		12' R
				6 3		30' R
				6 3	13' L	
				6 3	30' L	
9+40				5 23	℄, 2' CONC. GUTTER	℄
				5 29		18' R. ℄ 2' GUTTER

Profile
Job No. 8910.10 Division No. Notes Red. Plotted
Survey of MARINA DEL REY ACCESS ROADS Date Date No.
Survey by J.P. MENNE Notes J.P.M. Notes Chkd. Checked X-Sec.
Indexed H. E. OD Date Date Date No.

F.B. 2624 PG. 36

76298 S & E #307—7-55

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED LEFT	RIGHT
9 +40				5 31		℄ 30' R ℄ 2' CONC. GUTTER
"				5 24	22.5 L E. EDGE C.B.	
"				5 21	29 L W. EDGE C.B.	
"				4 06	F.L. C. BASIN	
9 +47.6				5 91	So. Rim	℄ M.H.
9 +47.6				− 5 08	INLET WEST → 16" S.S.	
				− 5 12	OUTLET EAST → 16" S.S.	
9 +50				6 14	N.&T.	℄
				6 18		18' R. TOP CURB.
				6 30		30' R. A.C. PVM'T
				6 12	18' L TOP CURB	
				6 21	30' L A.C. PVM'T	
9 +58 ½				6 75	25' L F. WALK - END WALK	
"				6 90	30' L B. WALK	
9 +60				6 26	18' L GUTTER - END.	
				6 80	18' L TOP CURB	
				6 16		18' R. GUTTER END
				6 49		18' R TOP CURB
9 +67				6 81		25' R. F WALK
				6 97		30' R. B. WALK
10 + 00				6 81	℄ DELL AVE	℄

Profile Notes Rod Plotted Job No 8910.10 Division No.
No. Date Date Survey of MARINA DEL REY ACCESS ROADS
X-Sec. Notes Chkd. Checked Survey by J.P. MENNE Notes J.P.M. Date 5-29-61
No. Date Date Map No. Indexed Date

F. B. 2624 Pg. 31

76298 S & E #307—7-55

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F. B. 2624 Pg. 38 | Job No. 8910.10 Division No. | Notes Red | Plotted | No. | Profile
Survey of MARINA DEL REY ACCESS ROADS | Date | Date | No. | X-Sec.
Survey by J.P. MENNE Notes J.R.M. | Notes Chkd. | Checked
Indexed H. E. OH | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER RID USED	
					LEFT	RIGHT
10 +00				6 50		℄ 18'R. GUTTER
				7 01		18'R. T. CURB
				7 07		25'R. F. WALK
				7 21		30'R B. WALK
				6 26	18'L GUTTER	
				6 70	18'L T. CURB	
				6 90	25'L F. WALK	
				7 06	30'L B. WALK	
10 +25				6 85		
10 +50				6 75		
10 +75				7 20		
11 +00				7 41	L & T INTER. DELL AVE	& WASH ST.
(FD) M.S.R. Bm. 59				6 96	M.S.R. B.m. 59 EL. = 6.97	F.B. 2649-24

Notes Ck'd by	Survey of MARINA DEL REY ACCESS ROADS	F. B. 2624 PG. 34
Map No.	JN 8910.10 Tape Std °F	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date 5-25-61	
Date	Indexed H. E. Ott JR 5	

SURVEY

FOR

MARINA DEL REY ACCESS ROADS

TOPOGRAPHY

BEGINNING

100' WEST OF ℄ INTERSECTION

OF DELL AVE & WASHINGTON ST.

J.P. MENNE

W.J. VOGE

L.C. LOVE

H. ROBBINS

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

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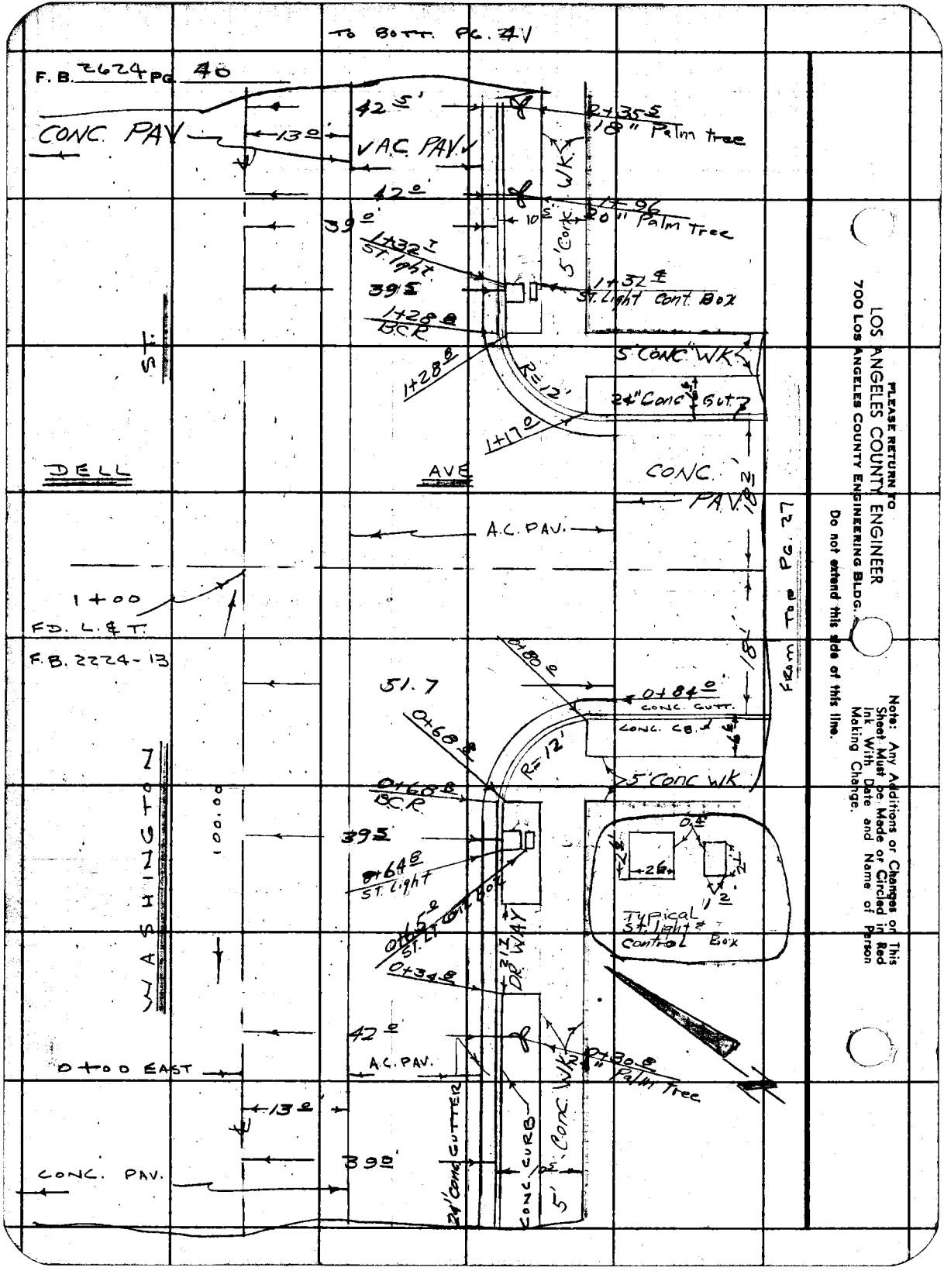
76F309S S&E #247 11-58



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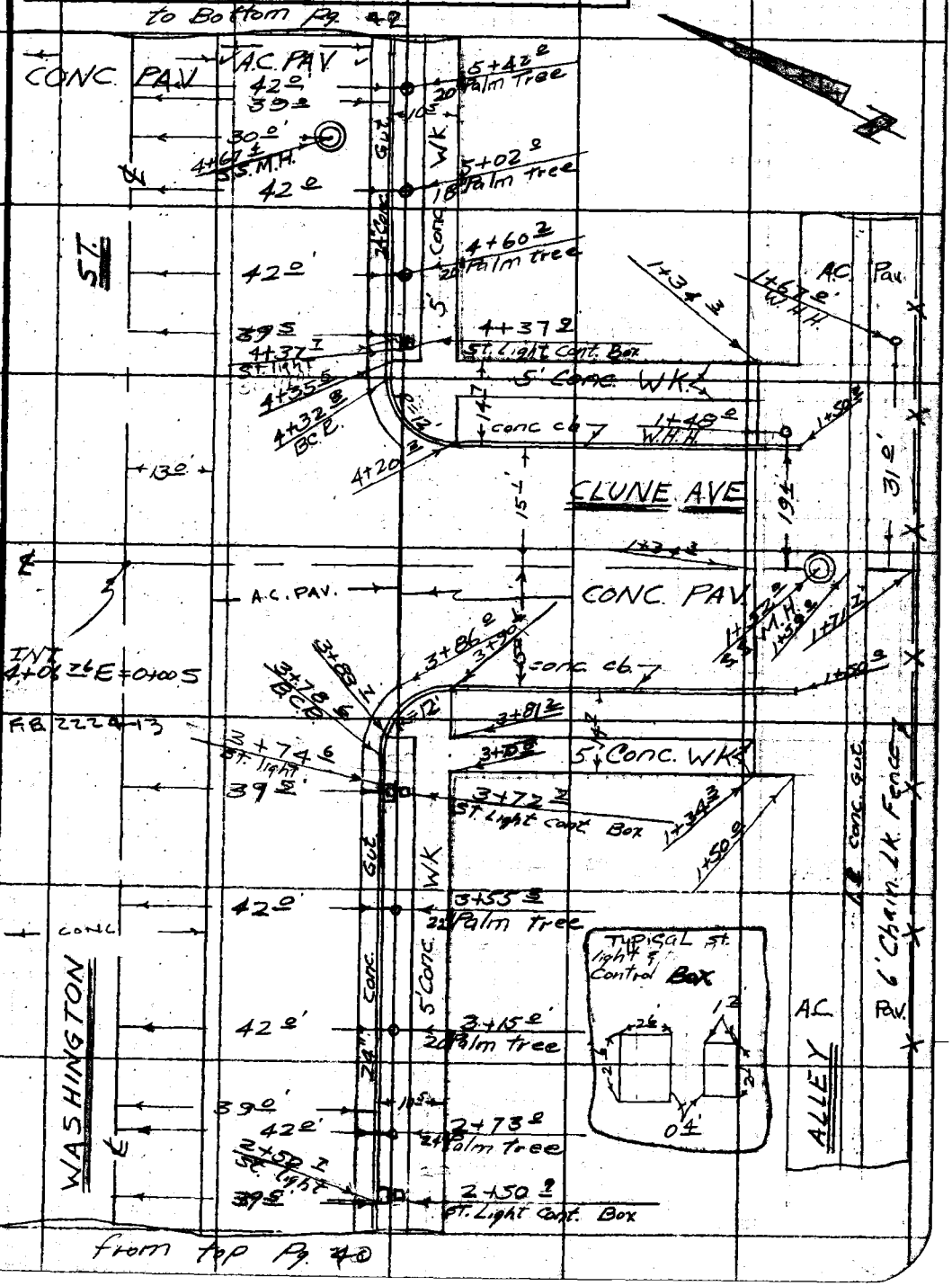
ACCESS ROADS

Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 8910.10 Tape Std °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes W.J. VICE Date 5-29-61
Date	Indexed H. E. OTT

F. B. 2624 PG. 41



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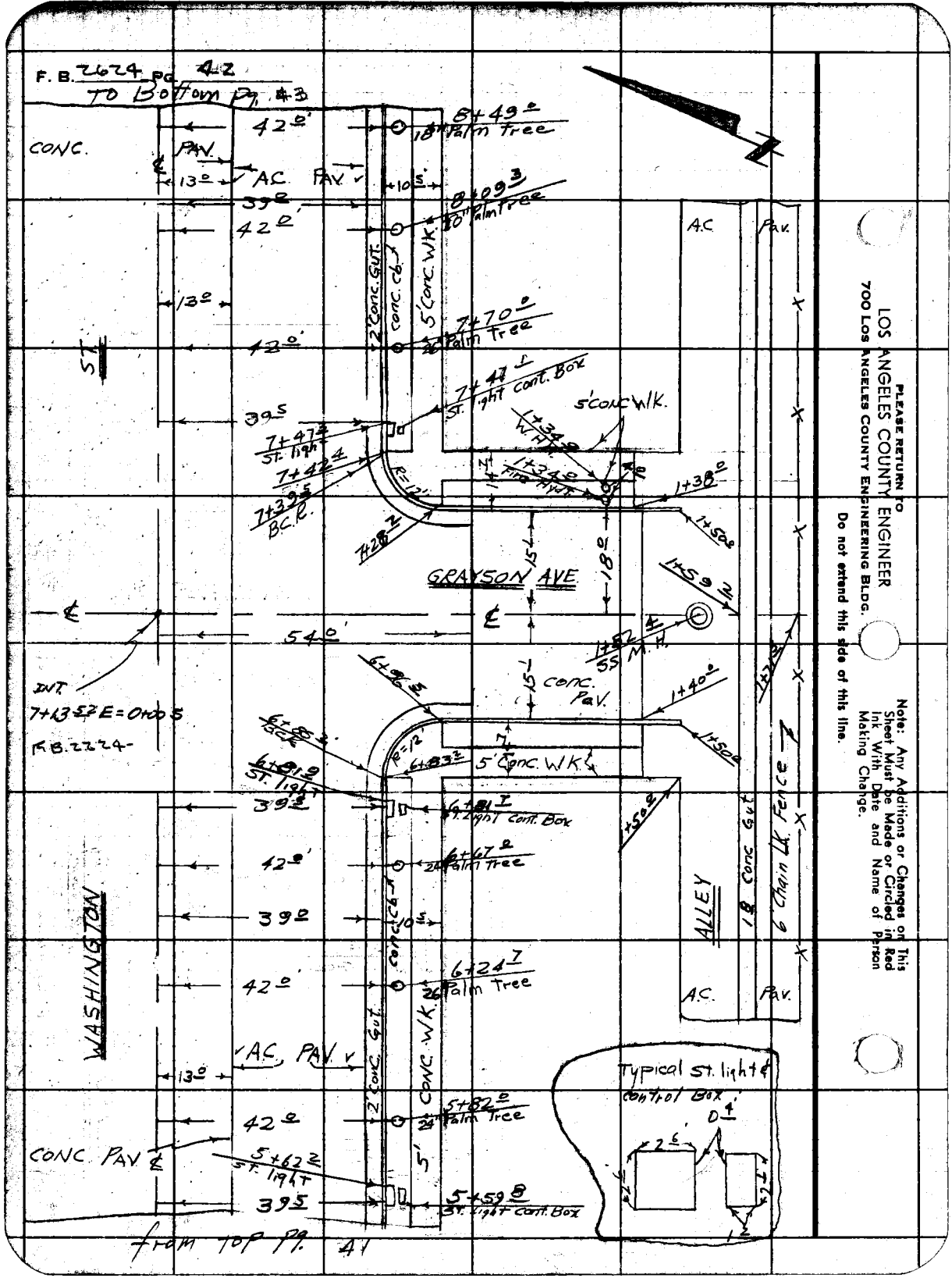
76F3098 S&E #247 11-60



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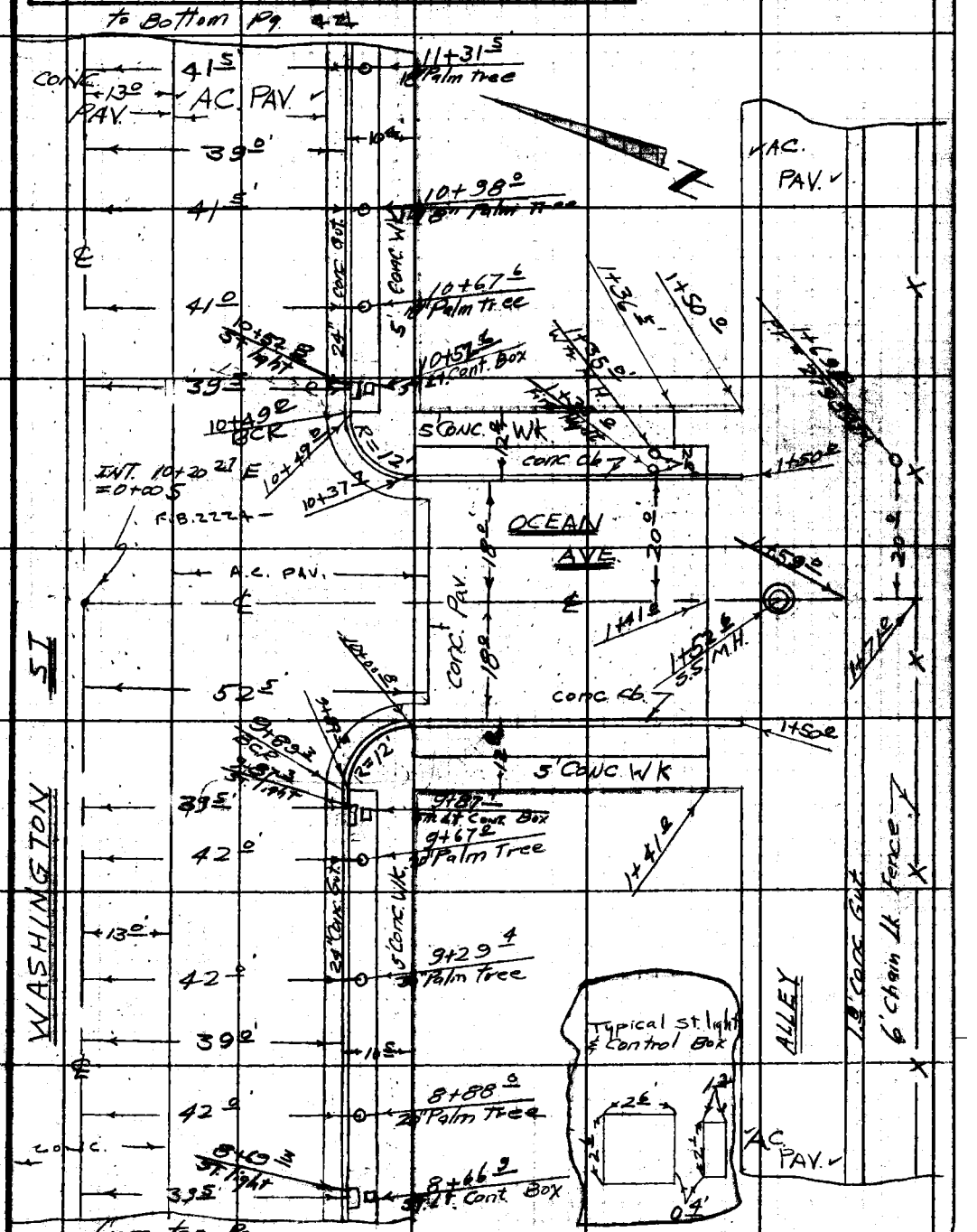
ACCESS ROADS

Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 8910.10 Tape Std °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes W.J. VOSE Date 5-29-61
Date	Indexed H. E. OTT

F. B. 2624 PG. 48



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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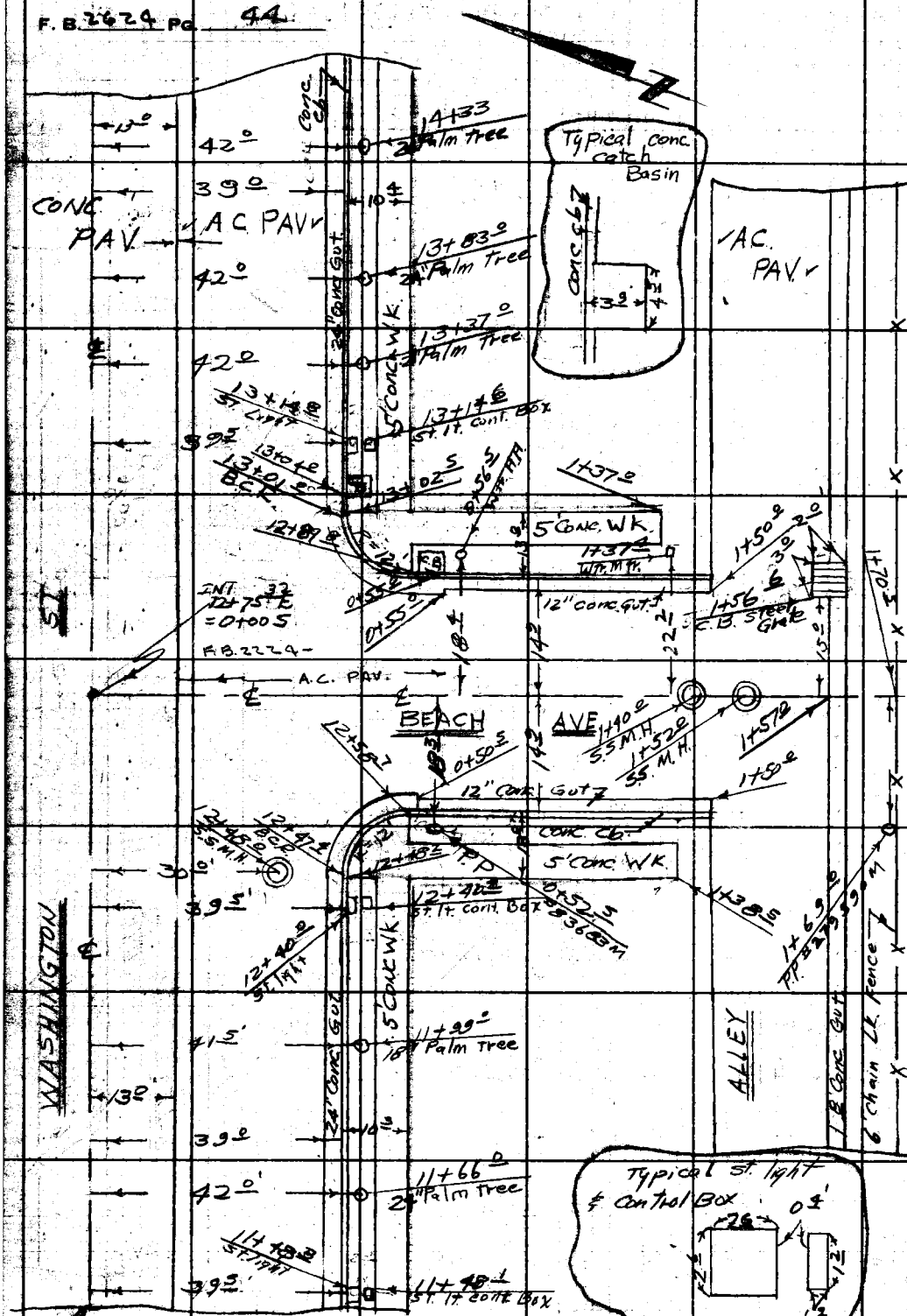
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 S&E #247 11-58

F. B. 2624 Pg. 44



From Top Pg 4B

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Profile No. ____ X-Sec. No. ____

Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 8916.10 Division No. ____

Notes Chkd ____ Date ____ Checked ____ Date ____ Survey of MARINA DEL REY ACCESS ROADS

Survey by J.P.MENNE Notes J.P.M Date 5-29-61

Map No. ____ Indexed H. E. OTT Date JUL 5 '61

F.B. 2624 Pg. 45

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

X- SECTIONS

OF

WASHINGTON BLVD.

0+00 = 100' WEST OF

℄ INTERSECTION DELL AVE. & WASH. ST.

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

J.P. MENNE
H. J. VOGE
L.C. LOVE
H.B. ROBBINS

76L298 307 10-51

76L298 307 10-51

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. 2624 PG. 45 | Job No. 8910.10 Division No. | Notes Red | Plotted | Profile
Survey of MARINA DEL REY ACCESS ROADS | Date | No. | X-Sec.
Survey by S.P. MENNE Notes J.R.M. | Notes Chkd. | Checked | No.
Indexed H.E. ON | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED	
(FD)						
M.D.R. B.M. 59				6 97	M.D.R. B.M. 59 FB. 2649-24 LEFT	RIGHT
0 + 00				6 97		℄
				6 85		13' R ED. CONC.
				6 51		39' R GUTTER
				7 06		T. CURB
				7 20		45' R F. WALK
				7 24		50' R B. WALK
0 + 34.8				6 62	DRIVEWAY	39' R GUTT.
				7 16		39' R T. CURB.
				7 30		45' R F. WALK
0 + 50				7 29		℄
				7 15		13' R. ED. CONC.
				6 65		39' R GUTTER
				6 73		39. R. T. CURB
				7 23		45' R.
				7 34		50' R.
0 + 56.5				6 67	DRIVEWAY	39' R
				7 23		39' R.
				7 24		45' R F. WALK
0 + 68.8				6 66	B.C. RET.	39' R GUTT.
				7 25		39' R T.P.C.

76L298 307 10-51

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.	LENKER ROD USED LEFT	RIGHT	
0+68.8				7 33		℄ 45' R.	F. WALK
				7 45	DELL AVE	50' R.	B. WALK
0+80.8				6 46	E.C. RET	51' R.	GUTT
				7 06		51' R.	T.C.
1+00				7 40	℄ INTER. DELL AVE & WASH. ST.	℄	
				7 42		13' R	
				6 80		39' R	
1+16.8				6 65	E.C. RET.	51' R.	GUTT.
				7 30	DELL AVE	51' R	T.C.
1+28.8				6 78	B.C. RET.	39' R.	GUTT.
				7 30		39' R.	T.C.
				7 55		45' R.	F. WALK
				7 73		50' R	B. WALK.
1+50				7 34		℄	
				7 24		13' R.	
				6 85		39' R	GUTT.
				7 36		39' R.	T.C.
				7 48		45' R.	F.W.
				7 56		50' R.	B.W
2+00				7 63		℄	
				7 46		13' R	

Profile Notes Red ____ Plotted ____ Job No. 8910-10 Division No. ____ F.B. 2624 PG. 45
No. ____ Date ____ Date ____ Survey of MARINA DEL REY ACCESS ROADS
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 5-29-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L298 307 10-51

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED LEFT	RIGHT	
2+00				6 96		39' R.	GUTT.
				7 52		39' R.	T.C.
				7 71		45' R.	F.W.
				7 81		50' R.	B.W
2+50				7 83		℄	
				7 74		13' R	
				7 10		39' R.	GUTT.
				7 62		39' R.	T.C.
				7 76		45' R	F.W.
				7 92		50' R	B.W.
T.P.				7 26	T.P. BT. SPK.		
3+00				7 85		℄	
				7 83		13' R	
				7 33		39' R	GUTT.
				7 81		39' R	T.C.
				7 73		45' R	F.W.
				7 83		50' R	B.W
3+50				8 05		℄	
				7 99		13' R	
				7 51		39' R	GUTT
				8 02		39' R	T.C.

F.B. 2624 PG. 48

Job No. 8910.10 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of MARINA DEL REY ACCESS ROADS Date ____ Date ____ No. ____ X-Sec. ____

Survey by J.P. MENNE Notes J.P.M. Notes Chkd. ____ Checked ____ No. ____

Indexed H.E. OTT Date ____ Date ____ Date ____ Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED LEFT	RIGHT	
3+50				8 01		45' R.	F.W.
				8 05		50' R	B.W
3+78.6				7 60	BC. RET.	39' R.	GUTT.
				8 10		39' R.	T.C.
				8 07		45' R.	F.W.
				8 15		50' R.	B.W.
3+90.6				7 51	E.C. RET.	51' R.	GUTT.
				8 02		51' R.	T.C.
4+00				8 13		℄	
				8 10		13' R.	
				7 61		39' R.	GUTT.
4+06.76 E = 0+00 S				8 15	INTER. CLUNE AVE & WASH. ST.	℄	
0+13 S				8 10		℄	
0+25 S				7 96		℄	
0+39 S				7 58		℄	
0+50 S				7 56		℄	
0+75 S				7 66		℄	
1+00 S				7 61		℄	
1+25 S				7 59		℄	
1+34 3 S				7 66	END. CONC.	℄	
1+52 S				6 61	EAST RIM	CEN. M.H.	

℄ PROD. OF CLUNE AVE

Profile Notes Red ____ Plotted ____ Job No. 8910.10 Division No. ____ F.B. 2624 PG. [illegible]
No. ____ Date ____ Date ____ Survey of MARINA DEL REY ACCESS ROADS
X-Sec. Notes Chkd ____ Checked ____ Survey by J.R. MENNE Notes J.R.M. Date 5-29-61
No. ____ Date ____ Date ____ Map No. ____ Indexed A. E. OTT Date ____

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F.B. 2624 Pg. 50 | Job No. 9110.10 Division No. | Notes Red. | Plotted | Profile
Survey of Marina Del Rey Access Roads Date | Date | No.
Survey by J.P. Menne Notes J.R.M. - Voge Notes Chkd. | Checked | X-Sec.
Indexed B.E.O.N. Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED	
				5 27	INLET WEST 16" S.S.	
1+52 S				4 60	INLET SOUTH 8" S.S.	
"				5 30	OUTLET EAST 16" S.S.	
"						
1+59.9 S				5 81	CEN. 2' CONC. GUTT.	
1+71.7 S				6 7	Left EN. LN.	Right
4+20.8				7.35	ECR	51' Gut
"				7.89	"	51' T. of C.
4+32.8				7.50	BCR	39' Gut
"				8.06	"	39' T. of C.
				8.12		50' B. WALK
4+50				8.13		
"				8.08		13' edge of Pav.
"				7.43		39' Gut
"				8.03		39' T. of C.
"				7.96		45' F. W
"				8.08		50' B. W
4+67.4				7.77		30' S.S.M.H. (city of LA)
5+00				8.17		
"				8.06		13' edge of Pav.
"				7.34		39' Gut
"				7.94		39' T. of C.
"				8.05		45' F W

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED		
					LEFT	℄	RIGHT
5+00				8.15		50'	B W
5+50				8.09		℄	
"				7.99		13'	edge of Pav.
"				7.23		39'	Gutt
"				7.82		39'	T. of C.
"				7.90		45'	F.C.
"				8.10		50'	BW
6+00				8.02		℄	
"				7.97		13'	edge of Pav.
"				7.16		39'	Gutt.
"				7.72		39'	T. of C.
"				7.97		45'	F W
"				8.14		50'	B W
6+50				7.85		℄	
				7.80		13' R	ED. PVM'T
				7.04		39' R	GUTT
				7.60		39' R	T.C.
				7.57		45' R	F.W.
				7.78		50' R	B.W
6+85.2				6.90		39' R	B.C. RET. GUTT

Profile Notes Red ____ Plotted ____ Job No. 8910.10 Division No. ____ F.B. 2624 Pg. 51

No. ____ Date ____ Date ____ Survey of MARINA DEL REY ACCESS ROADS

X-Sec. Notes Chkd ____ Checked ____ Survey by J.P. MENNE Notes W.J. VOGE Date 6-1-61

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

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED ℄ LEFT	RIGHT
6+85.2				7 51		39' R. B.C.R. T. CURB
6+85.2				7 74		50' R B. WALK
6+97.2				6 68		51' R B.C.R. GUTT
6+97.2				7 26		51' R " T.C.
6+99.2				6 70		52.5' R ED. CONC. PUM'T
7+00				7 74		℄
"				7 66		13' R.
"				7 02		39' R CURB LINE
7+13.52 E = 0+00 So.				7 81	℄ INTER. OF WASH. ST. & GRAYSON AVE	℄
0+13' S.				7 70		℄
0+39' S				7 00		℄
0+50 S				6 91		℄
0+75 S				7 00		℄
1+00 S				6 97		℄
1+25 S				6 98		℄
1+40 S				6 85	EDGE OF CONC.	℄
1+50 S				6 62		℄
1+52 S				6 61	SEWER E. RIM M.H.	
				- 5 94	INLET WEST 16" S.S.	
				- 5 36	INLET SOUTH 8" S.S.	
				- 5 96	OUTLET EAST 16" S.S.	
1+59.8 S				6 45	℄ OF 1.8' CONC. GUTTER	℄

F.B. 2624 PG. 58

Job No. 8910.10 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of MARINA DEL REY ACCESS ROADS Date ____ Date ____ No. ____ X-Sec. ____

Survey by J.P. MENNE Notes J.P.M. Notes Chkd. ____ Checked ____ No. ____

Indexed H. E. OTT Date ____ Date ____ Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED LEFT	℄ RIGHT
1+71. (S)				7 1	F.N. LN. – 6' CH. LK.	
7+35.5 (E)				6 69		54' R. ED. PVM'T
7+37.5				6 71		51' R E.C.R. GUTT.
"				7 30		51' R " T.C.
7+39.5				7 02		39' R B.C.R. GUTT
"				7 51		39' R " T.C.
				7 81		50' R. B.W.
7+50				7 88		℄
				7 85		13' R
				7 05		39' R GUTT
				7 53		39' R T.C.
				7 72		45' R F.W.
				7 82		50' R B.W
8+00				8 00		℄
				7 97		13' R
				7 14		39' R GUTT
				7 64		39' R T.C.
				7 93		45' R F.W.
				7 99		50' R B.W
8+50				8 23		℄
				8 11		13' R

Profile
No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 8910.10 Division No. ____
X-Sec.
No. ____ Date ____ Notes Chkd ____ Checked ____ Survey of MARINA DEL REY ACCESS ROADS
Date ____ Date ____ Survey by J.P. MENNE Notes J.P.M. Date 6-1-61
Map No. ____ Indexed H. E. OTT Date ____

F.B. 2624 PG. 63

76L298 307 10-51

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED LEFT	℄	RIGHT
8+50				7 25		39' R	GUTT.
				7 79		39' R	T.C.
				8 10		45' R	F.W
				8 16		50' R	B.W
9+00				8 16		℄	
				8 10		13' R	
				7 42		39' R	GUTT
				7 93		39' R	T.C.
				8 15		45' R	F.W
				8 31		50' R	B.W
T.P.				7 57	SPK.		
9+50				8 22		℄	
				8 15		13' R	
				7 55		39' R	GUTT
				8 07		39' R	T.C.
				8 10		45' R	F.W.
				8 20		50' R	B.W
9+89.3				7 62		39' R	B.C.R. GUTT
				8 13		39' R	" T.C.
				8 40		50' R	B.W
10+00				8 23	✓	℄	

F.B. 2624 PG. 64

Job No. 8910.10 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of MARINA DEL REY ACCESS ROADS Date ____ Date ____ No. ____

Survey by J.P. MENNE Notes J.P.M. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED LEFT	℄ RIGHT
10+00				8 22		13' R.
"				7 79		39' R. CURB LINE
10+01.3				7 48		51' R E.C.R. GUTT.
				8 11		51' R " T.C.
10+03.3				7 58		52.5' R PVM'T
10+20.27 E = 0+00 So.				8 24	INTER. OF WASH. ST. & OCEAN AVE	℄
0+13 So.				8 21		℄
0+39 So.				7 84		℄
0+50 So.				7 82		℄
0+75 So.				7 90		℄
1+00 So.				7 93		℄
1+25 So.				7 85		℄
1+41 So.				7 71		℄ END OF CONC. PVM'T
1+50 So.				7 35		
1+52.6 So.				7 30	SEWER E. RIM M.H.	
"				-6 20	INLET WEST 16" S.S.	
"				-5 56	INLET SOUTH 18" S.S.	
				-6 31	OUTLET EAST 16" S.S.	℄
1+59.8 (So)				7 15	℄ 1.8' CONC. GUTTER	℄
1+71.0 (So)				7 7	FN. LN.	℄
10+35 (E)				7 60		52' R ED. PVM'T
10+37 E				7 60		51' R E.C.R. GUTT

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8910.10 Division No. ____ F. B. 2624 Pg. 55
X-Sec. No. ____ Date ____ Date ____ Survey of MARINA DEL REY ACCESS ROADS
Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 6-1-61
Date ____ Date ____ Map No. ____ Indexed E. E. OTT Date ____

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F.B. 7474 Pg. 56 | Job No. 8910.10 Division No. | Notes Red. | Plotted | No. | Profile
Survey of MARINA DEL REY ACCESS ROADS | Date | Date | No. | X-Sec.
Survey by J.P. MENNIE Notes J.P.M. | Notes Chkd. | Checked
Indexed H.E.O.M. | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED LEFT	℄ RIGHT		
10+37 ℄				8 20		51' R	E.C.R.	T.C.
10+49				7 77		39' R	B.C.R.	GUTT
"				8 45		39' R	"	T.C.
"				8 66		50' R	"	B.W.
10+50				8 22		℄		
				8 19		13' R		
				7 78		39' R		GUTT.
				8 41		39' R		T.C.
				8 56		45' R		F.W.
				8 66		50' R		B.W.
11+00				8 40		℄		
				8 35		13' R		
				7 60		39' R		GUTT
				8 20		39' R		T.C.
				8 37		45' R		F.W.
				8 49		50' R		B.W.
11+50				8 41		℄		
				8 32		13' R		
				7 48		39' R		GUTT.
				8 08		39' R		T.C.
				8 29		45' R		F.W.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED	RIGHT
11+50				8 44		50' R B.W
T.P.				7 60	SPK.	
12+00				8 36		℄
"				8 30		13' R
"				7 42		39' R GUTT.
"				8 01		39' R T.C.
"				8 19		45' R F.W.
"				8 42		50' R B.W.
12+ 47.4				7 28		39' R B.C.R GUTT.
"				7 92		39' R. " T.C.
"				8 25		50' R " B.W.
12+48.4				7 76	℄ → {S.S.M.H. CITY OF L.A.}	30' R.
12+50				8 31		℄
"				8 22		13' R
"				7 27		39' R CURB LINE
12+59.4				7 22		51' R E.C.R. GUTT.
"				7 88		51' R " T.C.
12+75.32 ℄ = 0+00 So.				8 27	INTER. WASH. ST. & BEACH AVE	℄
0+13 So.				8 21		℄
0+37 So				7 51		℄
0+50 So				7 75		℄

Profile Notes Red. ____ Plotted ____ Job No 8918.10 Division No. ____ F. B. 7624 Pg. 57
No. ____ Date ____ Date ____ Survey of MARINA DEL REY ACCESS RDS
X-Sec. Notes Chkd ____ Checked ____ Survey by J.R. MENNE Note by J.R.M. Date 6-1-61
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED LEFT	℄ ~~RIGHT~~
0+75 So				7 78		℄
1+00 So				7 70		℄
1+25 So				7 60		℄
1+40 So				7 39	N. Rim ℄ SEWER	M.H.
"				-7 41	INLET SOUTH 16" S.S.	
				-7.37	INLET EAST 24" S.S.	
				-9 02	OUTLET NORTH 24" S.S.	
1+50 So				7 06		
1+52 So.				7 00	E. Rim ℄ SEWER	M.H.
"				-6 56	INLET WEST 16" S.S.	
"				-6 67	OUTLET NORTH 16" S.S.	
1+57.8 So				6 70	℄ 1.8' CONC. GUTT.	℄
1+57.8 So.				6 55	15'L. S.E. COR.	CATCH BASIN
				4 30	FLOW LINE	
1+70.5 (So)				7 2	FN. LN.	
12+89.0				7 44		51'R E.C.R. GUTT
"				8 29		51'R " T.C.
"				8 32	TOP S.E. COR	55'R C. BASIN
"				5 02	F. LINE	
13+00				8 37		℄
				8 34		13'R
				7 42		39'R GUTT

F. B. 2624 PG. 58

Job No. 8910.10 Division No. Notes Red. Plotted Profile

Survey of MARINA DEL REY ACCESS ROADS Date Date No.

Survey by J.P. MENNE Notes J.P.M. Notes Chkd. Checked X-Sec.

Indexed H. E. OTT Date Date Date No.

76298 S & E #307—7-55

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Profile Notes Red. Plotted Job No. 8910.10 Division No. F.B. 7624 Pg. 59
No. Date Survey of MARINA DEL REY ACCESS ROADS
X-Sec. Notes Chkd. Checked Survey by J.R. MENNE Notes by J.R.M. Date 6-1-61
No. Date Date Map No. Indexed Date

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED		
					LEFT	℄ RIGHT	
13+00				8 12		39' R	T.C.
"				8 23		45' R	F.W.
"				8 35		50' R	B.W.
13+01				7 40		39' R	B.C.R. GUTT.
"				8 10		39' R	" T.C.
13+04				8 20	TOP	39' R	C. BASIN
				5 10	F.L. C.B.		
13+50				8 47		℄	
"				8 41		13' R	
"				7 60		39' R	GUTT.
"				8 27		39' R	T.C.
"				8 32		45' R	F.W.
"				8 64		50' R	B.W.
14+00				8 59		℄	
"				8 40		13' R	
"				7 70		39' R	GUTT
"				8 34		39' R	T.C.
"				8 52		45' R	F.W.
"				8 75		50' R	B.W.
T.P.				7 58			
(F) M.D.R. B.M.-58				7 04	M.D.R. B.M.-58 — INT. WASH. ST. & GRAYSON AVE EL=7.05 F.B. 7649-24		

F. B. 2624 Pg. 60 | Job No. 8910.10 | Division No. | Notes Red. | Plotted | Profile

Survey of MARINA DEL REY ACCESS ROADS | Date | Date | No.

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

Indexed | Date | Date | Date | No.

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

76298 S & E #307—7-55

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Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.10 Tape 0195 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 6-1-61
Date	Indexed H. & UN

F. B. 2624 Pg. 61

MARINA DEL REY

ACCESS ROADS

J.N. 8910.10

TOPOGRAPHY AT WASHINGTON BLVD. & PALAWAN WAY

June 1, 1961
English
Shoemaker
Foulger
Dupuis
Tollison

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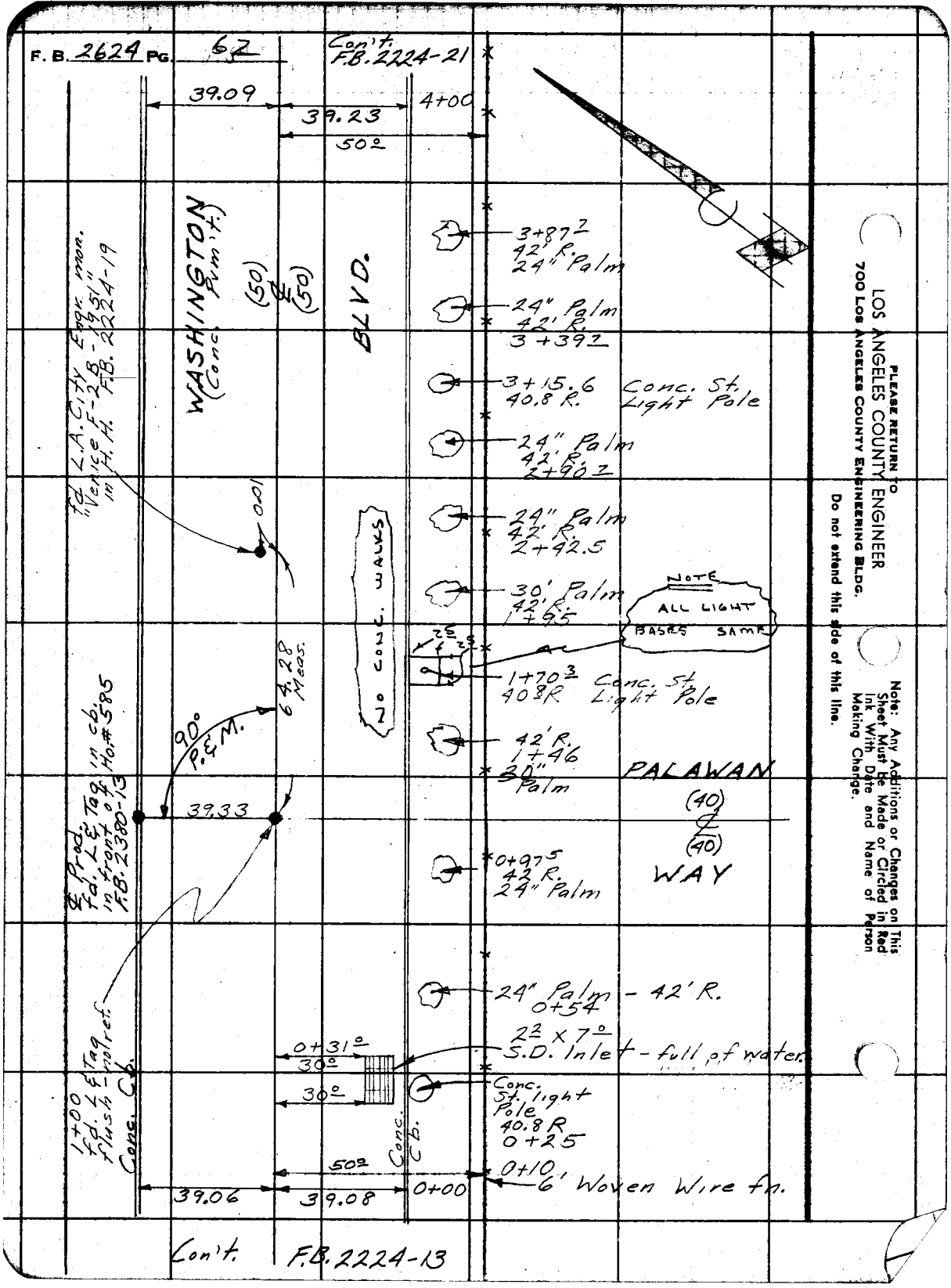
76F309S S&E #247 11-58


F. B. 2624 PG. 62
Con't. F.B. 2224-21
39.09
39.23
4+00
50°
WASHINGTON (Conc. Pvm't.)
(50) ℄ (50)
BLVD.
3+87.7 42' R. 24" Palm
24" Palm 42' R. 3+39.7
3+15.6 40.8 R. Conc. St. Light Pole
24" Palm 42' R. 2+90.7
24" Palm 42' R. 2+42.5
30' Palm 42' R. 1+95
NOTE ALL LIGHT BASES SAME
1+70.3 40.8 R Conc. St. Light Pole
42' R. 1+46
30" Palm
PALAWAN (40) ℄ (40) WAY
0+97.5 42' R. 24" Palm
24" Palm - 42' R. 0+54
2.2 x 7.0 S.D. Inlet - full of water.
Conc. St. light Pole 40.8 R 0+25
0+10 6' Woven Wire fn.
0+31.0
30°
30°
50°
0+00
39.06
39.08
Conc. Cb.
Conc. Cb.
1+00 fd. L & Tag flush - no ref.
℄ Prod. fd. L & Tag in cb. in front of Ho. #585 F.B. 2380-13
90° P.&M.
64.28 Meas.
0.01
NO CONC. WALKS
fd. L.A. City Engr. mon. "Venice F-2B-1951" in H.H. F.B. 2224-19
Con't. F.B. 2224-13
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Profile No. _____ X-Sec. No. _____
Notes Red _____ Date _____ Notes Chkd. _____ Date _____
Plotted _____ Date _____ Checked _____ Date _____
Job No. 8910.10 Division No. 11
Survey of Marina Del Rey
Survey by English Notes Ed. Date 6-1-61
Map No. _____ Indexed H. E. OTT Date JUL 5 '61

F. B. 2624 Pg. 43

MARINA DEL REY
ACCESS ROADS
J.N. 8910.10

CROSS SECTIONS
AT
WASHINGTON BLVD.
&
PALAWAN WAY

June 1, 1961
English
Shoemaker
Foulger
Dupuis
Tollison

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

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761-295 CE 307 11-58

76L-298 CE 307 11-58

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F.B. 2624 Pg. 64 Job No. 8910.10 Division No. 11 Notes Red Plotted
Survey of Marina Del Rey Ext. Date Date No. X-Sec.
Survey by English Notes Notes Ckd. Checked
Indexed H. E. ON Date Date Date No. Profile

STATION	B.S.	H.I.	F.S.	ELEV.		
B.M.					Fd. B.M.	
M.D.R.#57	5.04	14 70		9 66	M.D.R.#57, el.= 966,	F.B. 2649-5
T.P.	5 10	14.97	4 83	9 87	Mon. at N.W. cor.	of Orford Drain Basin
0+00			5.16	9.81		& Washington
			5.36	9 61		19⁵R. W/4
			600	8 97		39 R. gut.
			5 43	954		39 R. T. cb.
			53	9.7		50 R. P.L.
0+31			9.38	5.59		30'R C.B See Pg
0+50			5 09	9 88		& Washington
			530	967		19⁵R W/4
			590	907		39 R gut
			534	963		39 R T cb
			54	96		50 R P.L.
1+00			490	1007		& Washington
			511	986		19⁵R W/4
			580	917		39 R Gut
			522	975		39 R T. Cb.
			50	100		50 R P.L
1+50			486	1011		& Washington
			497	1000		19⁵R W/4
			557	940		39 R Gut
			519	978		39 R T.Cb

76L-296 CE 307 11-58

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STATION	B. S.	H. I.	F. S.	ELEV.		
		14 97				Continued
1+50			50	100		50 R P.L.
2+00			468	1029		℄ Washington
			484	1013		19.5 R W/4
			544	953		39 R Gut.
			498	999		39 R T. Cb.
			50	100		50 R P.L.
2+50			454	1043		℄ Washington
			468	1029		19.5
			523	974		39
			486	1011		39 Same
			46	104		50
3+00			450	1047		℄ Washington
			465	1032		19.5 R
			500	997		39 R
			475	1022		39 R Same
			47	103		50 R
3+50			459	1038		℄ Washington
			469	1028		19.5 R
			522	975		39 R Same
			486	1011		39 R

Profile Notes Red Plotted
No. Date Date Job No. 8910.10 Division No. 11
X-Sec. Notes Chkd. Checked Survey of Marina Del Rey
No. Date Date Survey by English Notes Ed. Date 6-1-61
Map No. Indexed H.E.M. Date

F. B. 2624 Pg. 65

76L-298 CE 307 11-58

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F.B. 2624 Pg. 46 Job No. 8910.10 Division No. 11 Notes Red Plotted
Survey of Marina Del Rey Date Date
Survey by English Notes Ed. Notes Chkd. Checked
Indexed H. E. Ott Date Date
Profile No. X-Sec. No.

STATION	B.S.	H.I.	F.S.	ELEV.		
		14 97			Continued	
3+50			4.7	103		50 R
4+00			4 68	1029		& Washington
			4 77	1020		19 5 R W/4
			4 28	1069		39 R Gut.
			3 93	1104		39 R T. Cb
			50	100		50 R P. L.
T.P	5 05	14 77	5 25	972		
B.M. M.D.R # 57			5 12	965	BM M.D.R #57 EL. 9.66 Mon at N.W Cor. of	F.B. 2649-5 Oxford Drain Basin

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 073901 Tape Std °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 7-24-61
Date	Indexed E. E. OTT

F. B. 2624 PG. 67

MARINA DEL REY

ADMINISTRATIVE FACILITIES
WATERFRONT DEVELOPMENT
C.P. # 8910.06

CHANNEL BOTTOM ELEV.S

July 24, 1961
English
Shoemaker
Fouger
Dupuis
Tollison

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F. B. 2624 PG. 68

Original End of Bulkhd. 396+03.98 fd. 1x2 F.B. 2658-45

395+72.85 Set 1x2 & N. Plan

50' Off F.B. 2224-186

396+52.85 Set 1x2 & N. Plan

el.= 13+

el.= 12.5+

90°

15'

el.= 1.0

10'

el.= 12.5+

90°

5'

el.= 14.5+

15'

el.= 14.5+

30'

21'

Original Bulkhd. Line F.B. 2658-45

el.= -5.0

6'

el.= 4.5

25'

water edge el.= 2.6

36'

el.= 6.0

10'

edge water el.= 2.6

2'

40'

40'

el.= 2.5

Prop. "Coast Guard Pier"

120'

35'

el.= 5.6

40'

40'

el.= 3.4

40'

el.= 6.5

40'

T.B.M. # 1 el.= 17.18 FB.2658-45 "X" in NW Cor. Conc. Box (Gas valves) Lenker rod & lead line used.

el.= 6.2

40'

el.= 10.7

40'

el.= 8.1

210' From 50' Off. line

el.= 13.3

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Notes Ck'd by		Survey of Marina Del Rey	F. B. 2624 Pg. 69
Map No.		JN 0739.01 Tape 0123 Std. 68 °F	
Office Work		Surveyed by Uharriet	
Checked		Notes Uharriet Date 9-11-61	
Date		Indexed H. E. OTT SEP 2 0 61	

MARINA DEL REY

J.N. 0739.01

SEPT. 1961

Location of control line for Soundings on ℄ of 25' easement of So. Calif. Gas Co. across main Channel Sta 396+37.85

Ref F.B. 2681
F.B. 2658

Uharriet
Peterson
Wallace - Duran
Robbins

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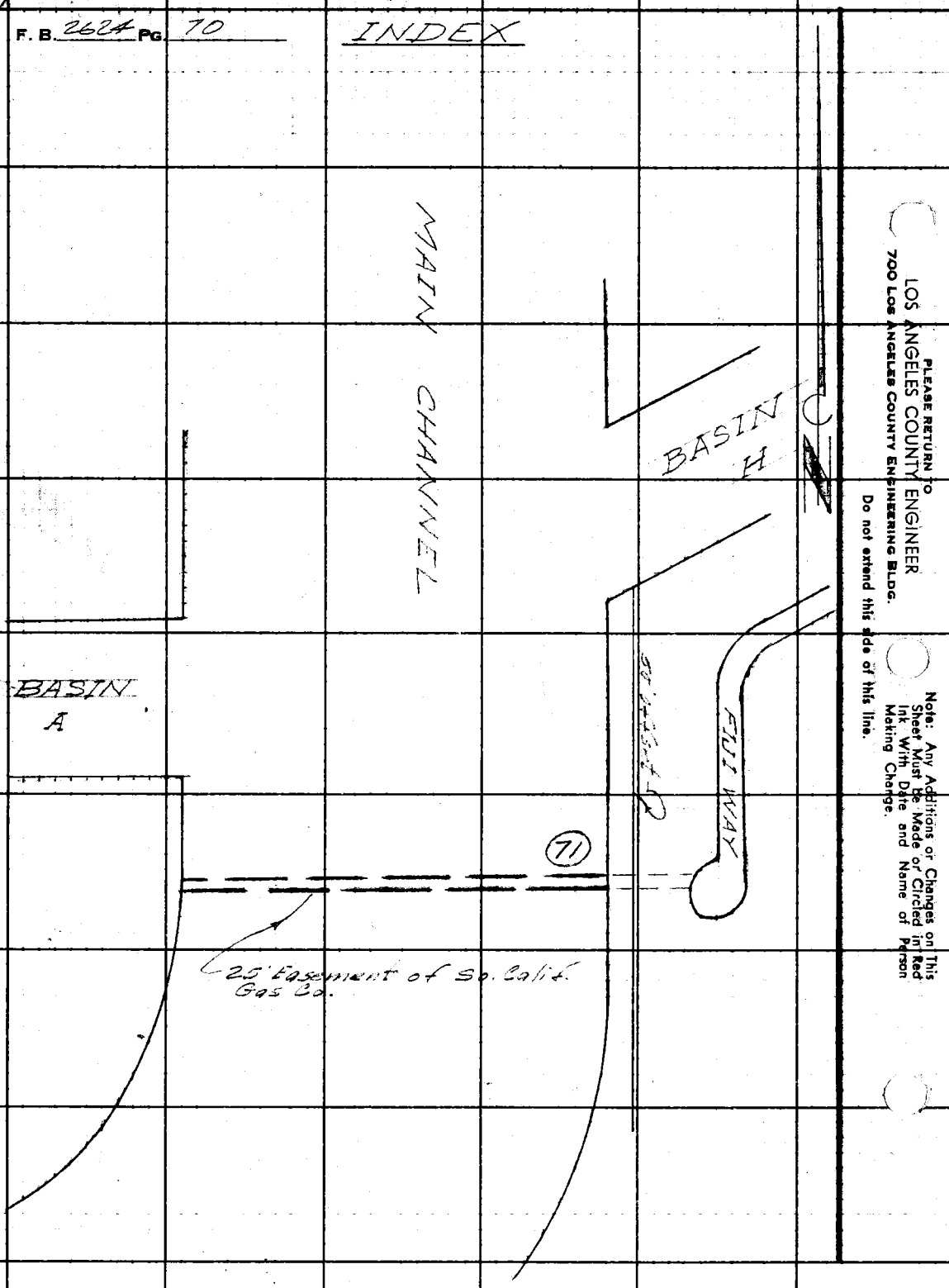
76F309S SAE #247 11-58

F. B. 2624 PG. 70

INDEX



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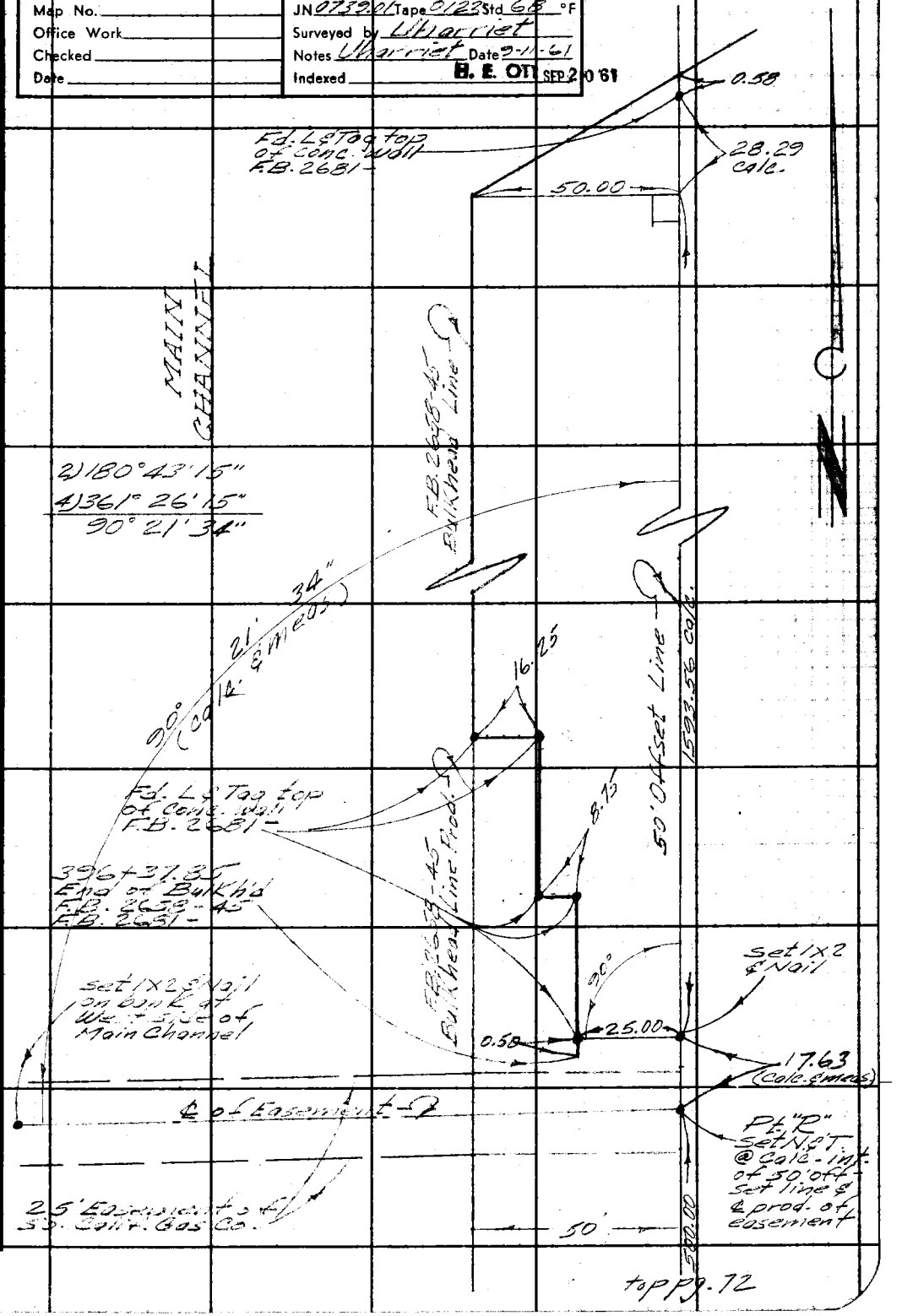
Notes Ck'd by	Survey of Marina Del Rey	F. B. 2624 Pg. 71
Map No.	JN 0739.01 Tape 0123 Std 68 °F	
Office Work	Surveyed by Uharriet	
Checked	Notes Uharriet Date 9-11-61	
Date	Indexed H. E. OTT SEP 20 '61	



top pg. 72

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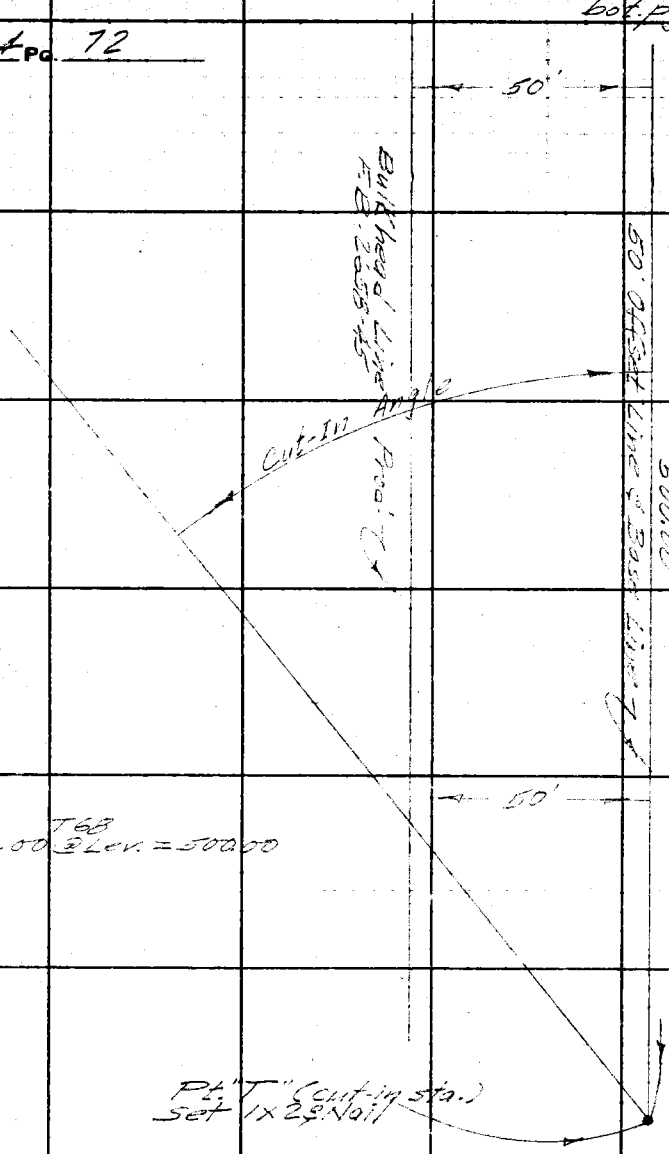
76F309S S&E #247 11-58

F. B. 2624 Pg. 72

bk. pg. 71



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Profile	Notes Red.	Plotted	Job No. 0739.01	Division No. 11	F. B. 2624 Pg. 73
No.	Date	Date	Survey of Marina Del Rey		
X-Sec.	Notes Chkd.	Checked	Survey by Uharriet	Notes Uharriet	Date 9-12-61
No.	Date	Date	Map No.	Indexed H. E. OTT	Date SEP 20 '61

MARINA DEL REY

J.N. 0739.01

SEPT. 1961

Shore profile & soundings on ℄ of 25' easement of So. Calif. Gas Co. across main channel. One run with lead line & one run with Bendix Sounder

Ref. F.B. 2679

Uharriet
Peterson
Wallace-Duran
Robbins

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

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76L298 S & E #307 9-54

76L298 S & E #307 9-54

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F. B. 2624 Pg. 74 | Job No. 27391 | Division No. 11 | Notes Red. | Plotted | No.
Survey of Marina Del Rey | Date | Date | X-Sec.
Survey by Wharmet | Notes Chkd. | Checked | No.
Indexed H. E. Ott | Date | Date | Profile

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.
T.B.M.S-73	2 02	14 48		12 46	T.B.M.S-73 Elev. = 12.465 Bt. spk. in top of Bulkhead W.of Sta. 396+32± F.B. 2679-155
Pt. "P"			2 45	12 03	N.S.T. F.B. 2624-71
21° W			0 5	14 0	break @
43° W			1 8	12 7	break top slope @
53° W			15 55	3 93	side of slope @ surface of water @
					This elevation taken @ 9:10 A.M. (P.D.T.)
T.B.M.S-73			2 02	12 46	

SOUNDINGS USING LEAD LINE

Shot No.	Depth		
1	2.0	+1.9	9:16 A.M. (P.D.T.)
2	9.5	-5.6	
3	13.0	-8.9	
4	15.5	-11.4	
5	15.5	-11.3	
6	15.3	-11.1	
7	16.5	-12.1	
8	18.0	-13.6	

76L298 S & E #307 9-54

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Profile Notes Red. Plotted Job No. Division No. 11 F. B. 2624 Pg. 75
No. Date. Date. Survey of
X-Sec. Notes Chkd. Checked Survey by
No. Date. Date. Map No. Indexed Notes
Date 2-12-61

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.
					SOUNDINGS USING LEAD LINE
Stat. No.					Depth
9					18.0 - 13.5
10					18.7 - 14.2
11					16.9 - 12.3
12					16.0 - 11.4
13					14.2 - 9.5
14					13.1 - 8.4
15					12.5 - 7.7
16					5.0 - 0.2
17					2.0 +3.1 9:50 A.M. (P.D.T.)
T.B.M.S-41	+ 32	14.09		10.01	T.B.M.S-41 Elev. = 10.010 Ft. spk. in top of Bulkhead wall Sta. 9+01 F.B. 2679-95
18			3.09	7.00	Side of slope @ surface of water This elevation taken at 10:21 A.M. (P.D.T.)
19			4.0	10.1	Break, top of slope
20			1.21	2.88	1 x 2 Spike F.B. 2624-71
T.B.M.S-41			+0.9	10.01	

76L298 S & E #307 9-54

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STATION		B. S.	H. I.	F. S.	ELEV.	Cut-In for Lead Line		
Shot No						Angle to left		Distance
1	INST. @ PT. "T", F.B. 2624-72	SIGHT ON PT. "R", F.B. 2624-71				7° 10'	9:16 A.M. (P.D.T.)	63
2						13° 07'		117
3						20° 16'		184
4						26° 10'		245
5						32° 01'		312
6						37° 05'		376
7						42° 08'		450
8						45° 29'		505
9						48° 19'		557
10						52° 36'		648
11						55° 12'		712
12						56° 59'		762
13						60° 02'		858
14						62° 15'		940
15						64° 11'		1,020
16						65° 17'		1,071
17						65° 54'		1,100
18						66° 05'		1,111
19						66° 07'		1,114
20						66° 11"	9:50 A.M. (P.D.T.)	1,116

F. B. 2624 Pg. 76 Job No. 0739.01 Division No. 11 Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No.
Survey by Uharriet Notes Uharriet Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.
T.B.M. S-73	1.53	14.99		12.46	T.B.M. S-73 Elev. = 12.465 Bt. spk. in top of Bulkhead wall 5' ± 396' ± 32' ± F.B. 2619 - 155
water surface			10.60	4.39	This elevation taken @ 1:38 P.M. (P.D.T.)
water surface			11.00	3.99	This elevation taken @ 1.28 P.M. (P.D.T.)
T.B.M. S-73			2.53	12.46	

Profile Notes Red. Plotted Job No. 07390/ Division No. 11 F. B. 2624 Pg. 77
No. Date Survey of Marina Del Rey
X-Sec. Notes Chkd. Checked Survey by L. Harris Notes L. Harris Date 2-12-64
No. Date Map No. Indexed H. E. Ott Date

76L298 S & E #307 9-54

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STATION		S. S.	H. I.	F. S.	ELEV.	Cut-In for Bendix Sounder		
Shot No						Angle to left		Distance
1	INST. @ PT. "T", F.B. 2624-72	SIGHT ON PT. "R", F.B. 2624-71			65	65° 09'	1:12 P.M. (P.D.T.)	1,064'
2					101	64° 48'		1,050'
3					73	63° 04'		974'
4					81	62° 33'		952'
5					91	60° 10'		863'
6					100	58° 43'		816'
7					106	56° 37'		751'
8					121	54° 00'		683'
9					118	51° 18'		619'
10					116	48° 33'		561'
11					120	46° 03'		515'
12					116	43° 01'		464'
13					102	39° 23'		409'
14					104	34° 35'		343'
15					110	29° 27'		282'
16					93	23° 11'		214'
17					77	14° 23'	1:25 P.M. (P.D.T.)	128'

F. B. 2624 Pg. 78 Job No. 0739.01 Division No. 11 Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No.
Survey by Uharriet Notes Uharriet Notes Chkd. Checked X-Sec.
Indexed [illegible] Date Date Date No.

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

Survey of Marina Del Rey
JN 073901 Tape 0220 Std 68 °F
Surveyed by English
Notes Ed. Date 9-19-61
Indexed SP 2 581 M.F. 011

F. B. 2624 PG. 79

MARINA DEL REY

C.P. # 8910

SUBMARINE CABLE CROSSING

CONSTRUCTION STAKES

Sept. 19, 1961
English
Shoemaker
Dupuis
Tollison

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76F3098 SSE #247 11-58

F. B. 2624 Pg. 80

Note: All meas. Level @ T=68°

PARCEL 62

R.P. Set 1X2 & N. Flush

1-89 38 26
2-179°16'50"
Av=89 38 25

17'

Set 1X2 & N. Flush - C.&M.

C.&M. 100.03

50' Off. F.B. 2681-45

90°

25'

0.50

Bulkhd.

End of 6" Galv. steel pipe - Set 1X2 & N. C.&M.

33' C.&M.

89°38'26" P.&M.

17' Plan

25'

Fd. L.&T. Tag F.B. 2681

Bulkhd. Line F.B. 2681-45

(1000')

F.&M. 70'

25' S.C. Gas Co. Easement

MAIN CHANNEL

84°39'16" C.&M.

& Submarine Cable

50'

50' Off. F.B. 2658-44

543.67 C.&M.

11' Plan

End of 6" Galv. steel pipe - Set 1X2 & N. Flush C.&M.

4°59'10" C.&M.

Bulkhd. Line

B.C.

B.C. Fd. 1X2 & N. Flush F.B. 2681-7

PARCEL 2

55.00

1-4°59'10"
2-9 58 20
Av. 4°59'10"

1-84 39 16
2-169 18 32
Av. 84°39'16"

R.P. Set 1X2 & N. Flush

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Notes Ck'd by
Map No. Sur. File 104-44
Office Work Burns
Checked
Date

Survey of Marina Del Rey
JN 0739.06 Tape 0195 Std 68 °F
Surveyed by English
Notes Ed. Date 10-23-61
Indexed E. E. OTT OCT 31 '61

F. B. 2624 Pg. 81

MARINA DEL REY

J.N. 0739.06

CENTERLINE
FIJI WAY
FOR
TEST HOLES

Nov. 23, 1961
English
Shoemaker
Foulger
Tollison
Musuda

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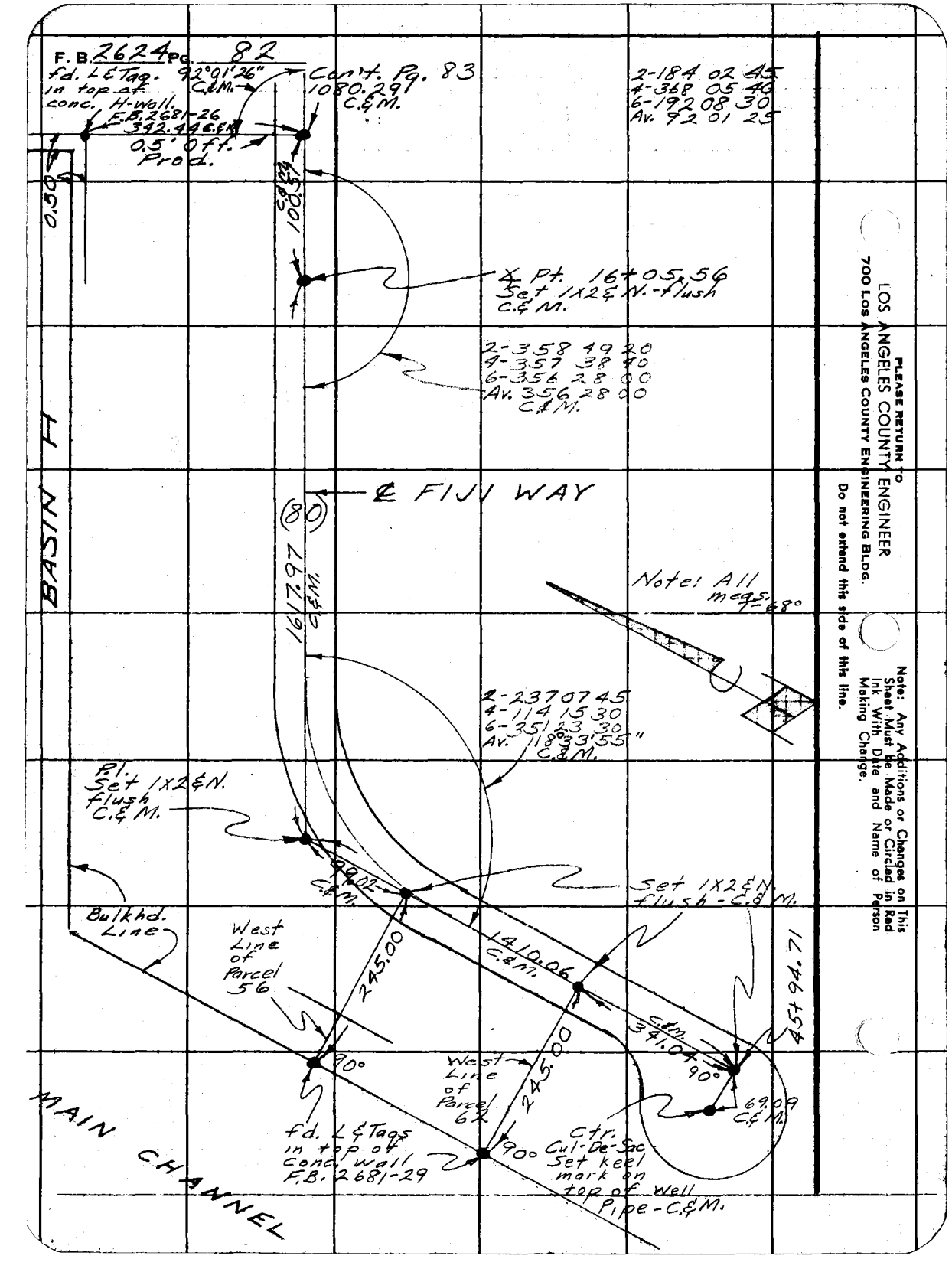
76F3098 SAE #242 11-58



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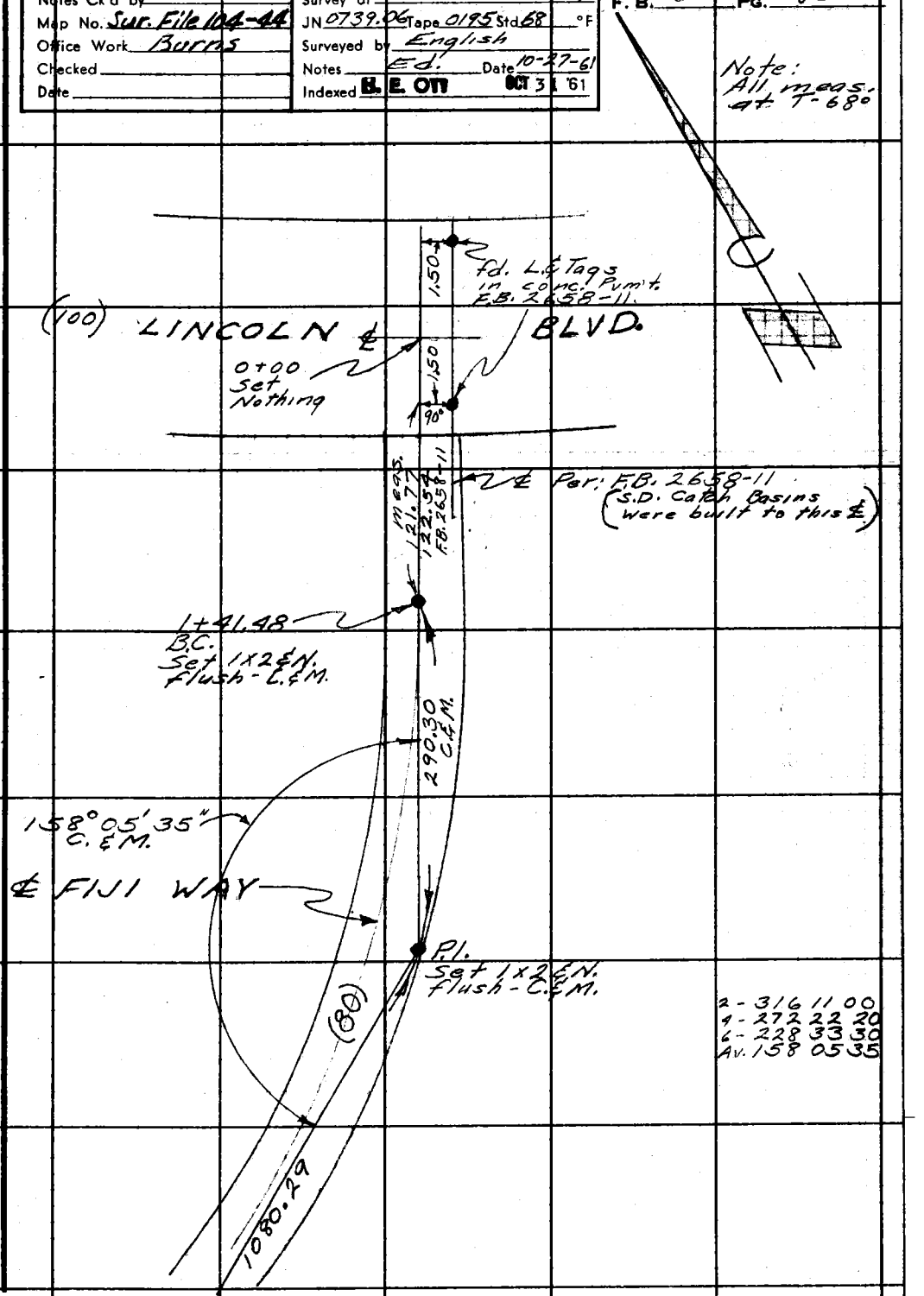
Notes Ck'd by	Survey of Marina Del Rey	F. B. 2624 PG. 83
Map No. Sur. File 104-44	JN 0739.06 Tape 0195 Std 68 °F	
Office Work Burns	Surveyed by English	
Checked	Notes Ed. Date 10-27-61	
Date	Indexed H. E. OTT OCT 31 '61	



Con't. Pg. 82

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76F309S S&E #247 11-58

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F. B. 2624 Pg. 84

F.B. 2624 Pg. 85

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0739.06 Division No. 11 Survey of Marina Del Rey

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by English Notes Ed. Date 10-24-61 Map No. ____ Indexed H. E. OTT Date OCT 31 '61

MARINA DEL REY

J.N. 0739.06

FIJI WAY
CENTERLINE
PROFILE
FOR
TEST HOLES

Nov. 24, 1961
English
Shoemaker
Fowler
Tollison
Musuda

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

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761-298 CE 307 11-58

76L-298 CE 307 11-58

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9.15

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F.B. 2624 Pg. 86 | Job No. 0739.06 | Division No. 11 | Notes Red | Date | Plotted | Profile
Survey of Marina Del Rey | Date | No. | X-Sec.
Survey by English Notes | Notes Chkd. | Checked
Indexed D. E. Ott Date OCT 31 '61 | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	Profile & FIJI WAY	
T.B.M.	4.27	15.55		11.28	Bt. Spk. in W'ly. S.D. H-wall, Lincoln & Hughes canal.	
0+50	9.15	20.39	4.31	11.24	1x2, Int. ℄ Fiji way & W'ly. P.L. of Lincoln	
B.C. 1+41.48	4.75	19.56	5.58	14.81	1x2 ℄N ℄ Fiji way	
3+32.65	6.20	22.23	3.53	16.03	1x2 ℄N ℄ Fiji way	P.O.C.
5+23.82			4.65	17.58	1x2 ℄N ℄ Fiji way	P.O.C.
E.C. 7+15	4.71	24.66	2.28	19.95	1x2 ℄N ℄ Fiji way	
8+00			4.84	19.82	1x2 ℄N ℄ Fiji way	
10+00	3.41	22.67	5.40	19.26	1x2 ℄N ℄ Fiji way	
12+00			3.19	19.48	1x2 ℄N ℄ Fiji way	
14+00	2.07	20.82	3.92	18.75	1x2 ℄N ℄ Fiji way	
P.I. 16+05.56			5.38	15.44	1x2 ℄N ℄ Fiji way	4 pt.
18+00	3.68	20.55	3.95	16.87	1x2 ℄N ℄ Fiji way	
20+00			3.66	16.89	1x2 ℄N ℄ Fiji way	
22+00	4.52	19.36	5.71	14.84	1x2 ℄N ℄ Fiji way	
24+00			4.79	14.57	1x2 ℄N ℄ Fiji way	
26+00	4.51	19.13	4.74	14.62	1x2 ℄N ℄ Fiji way	
28+00			4.87	14.26	1x2 ℄N ℄ Fiji way	
B.C. 30+24.51	4.37	21.38	2.12	17.01	1x2 ℄N ℄ Fiji way	
31+44.23			4.10	17.28	1x2 ℄N ℄ Fiji way	P.O.C.
32+63.95			5.25	16.13	1x2 ℄N ℄ Fiji way	P.O.C.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	Profile	℄ Fiji way
		21.38				
E.C. 33+83.67	2.11	20.42	3.07	18.31	1x2 & N. ℄ Fiji	Way
36+00			4.62	15.80	1x2 & N. ℄ Fiji	Way
38+00	4.57	21.28	3.71	16.71	1x2 & N. ℄ Fiji	Way
40+00			4.73	16.55	1x2 & N. ℄ Fiji	Way
42+00	4.08	21.51	3.85	17.43	1x2 & N. ℄ Fiji	way
44+00			4.39	17.12	1x2 & N. ℄ Fiji	way
PI. 45+31.03			4.00	17.51	1x2 & N ℄ Fiji	way ∡ pt.
BM. S-73			9.03	12.48	B.M. S-73 EL. 12.46	F.B. 2679-155
					Sta 396+32± Bt. Spk. top conc. wall	

Profile Notes Red. ____ Plotted ____ Job No. 0739.06 Division No. 11 F.B. 2624 Pg. 87
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 10-24-61
No. ____ Date ____ Date ____ Map No. 1 Indexed H. E. OTT Date OCT 31 '61

F.B. 2624 Pg. 88

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed H. E. Ott Date OCT 31 '61 Date _____ Date _____ No. _____

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

76L-286 CE 307 11-58

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Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.06 Tape 0220 Std 68 °F
Office Work	Surveyed by E. English
Checked	Notes E. Shoemaker Date 11-7-61
Date	Indexed S. J. GALLI NOV 2 - '62

F. B. 2624 Pg. 89

MARINA DEL REY

J.N. 8910.06

PARCEL #62

ADMINISTRATIVE FACILITIES

Construction Staking

11-7-1961
Party:
E. English
E. Shoemaker
D. Foulger
G. Tollison
G. Masuda

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75F2058 SEE 1247 11-58

F. B. 2624 Pg. 90

INDEX MAP

(227) "Pier Piles"

Parcel 61

Parcel Bndry

Pages 91 to 94 = Pile location

FIJI WAY

(94) Admin. Bldg.

PARCEL 62

Harbor Patrol Bldg.

(93)

(92) Shed

(91) G.G. Bldg

MAIN CHANNEL

Old Bulkhead Line

Conc. Bulkhead

Parcel Bndry

Parcel 64

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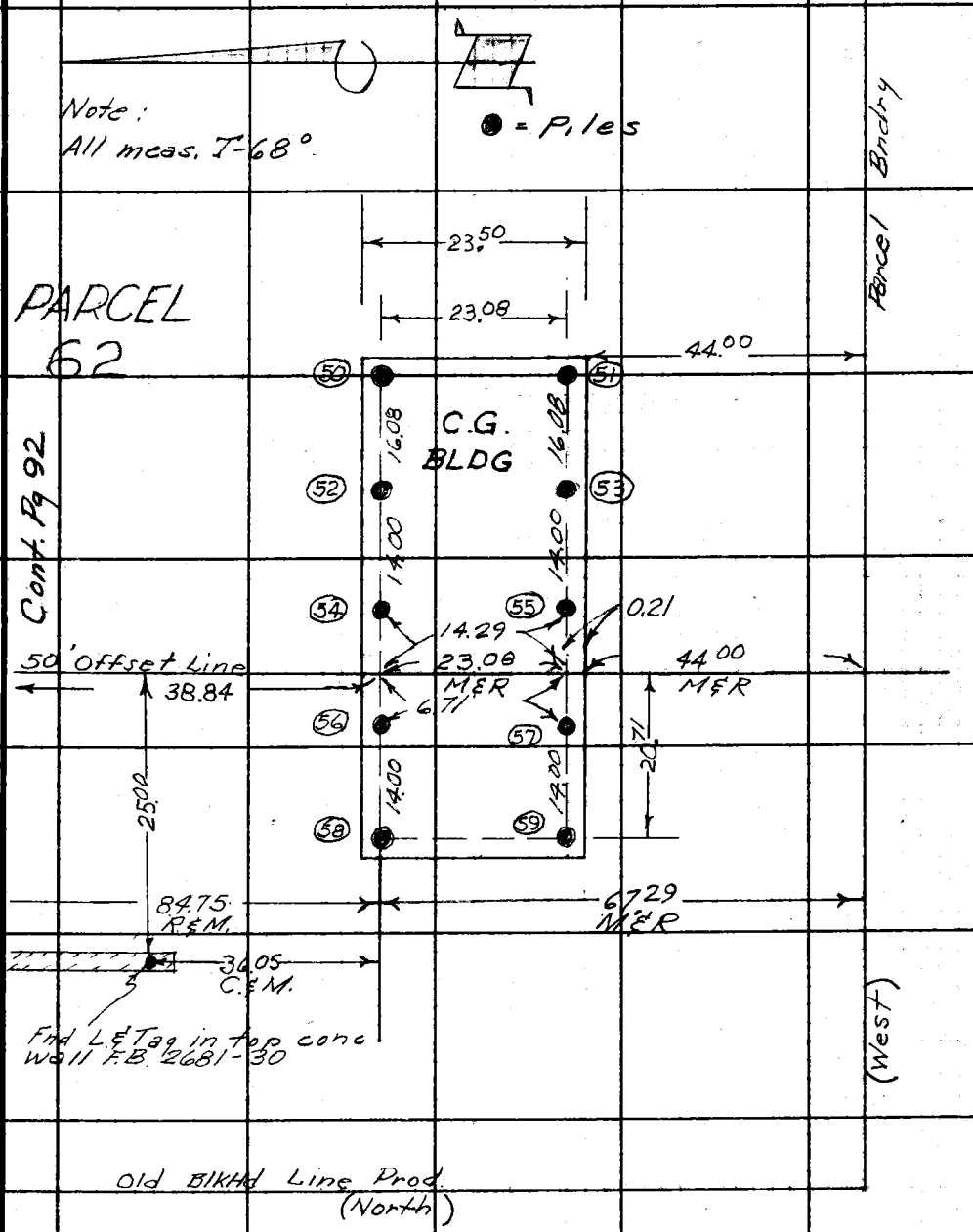
Notes Ck'd by	Survey of Marina Del Rey	F. B. 2624 PG. 91
Map No.	JN 8910.06 Tape 0220 Std 68 °F	
Office Work	Surveyed by E. English	
Checked	Notes Shoemaker Date 11-7-61	
Date	Indexed C. L. GALLI	



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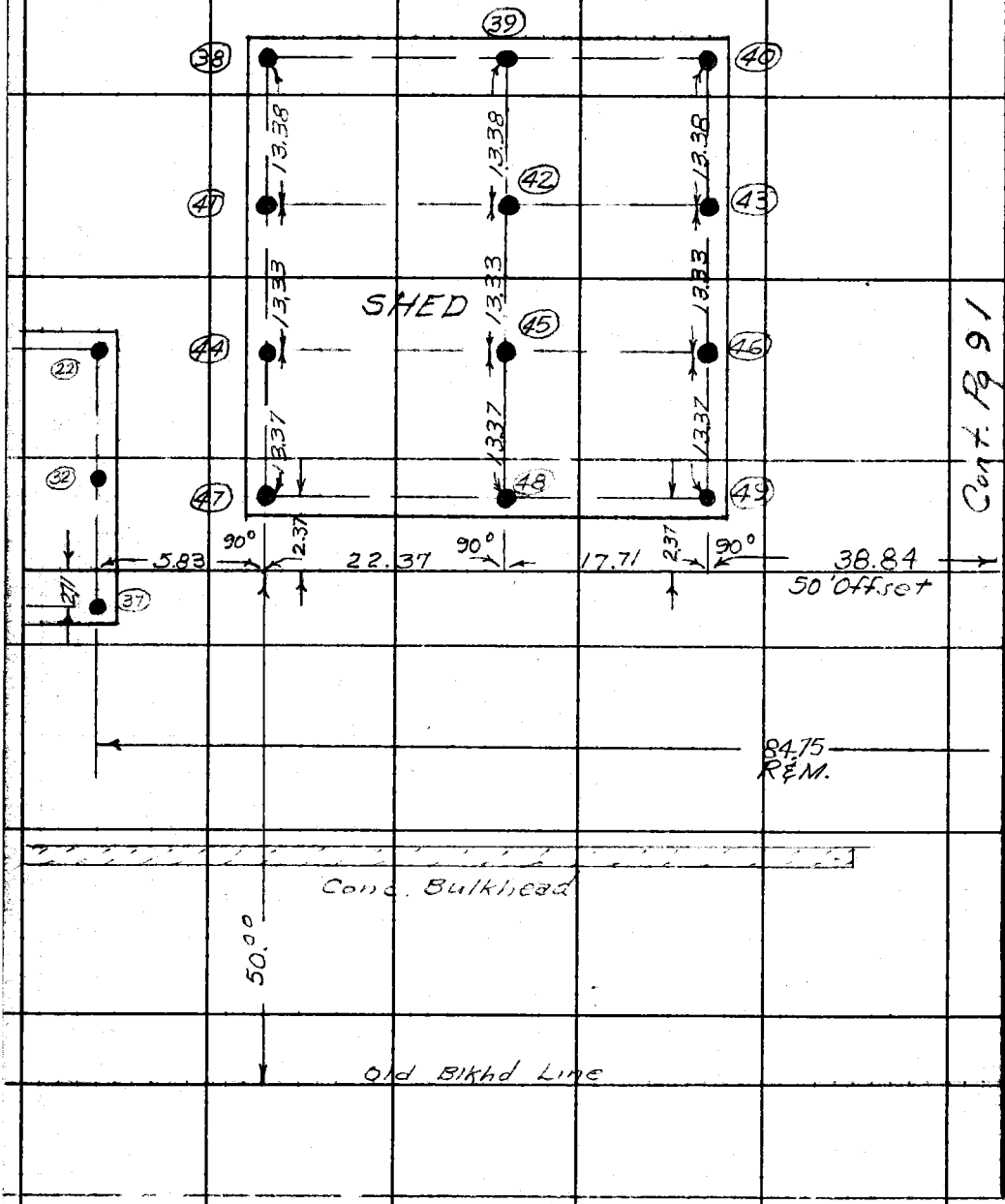
76F3098 S&E #247 11-58

F. B. 2624 Pg. 92

● = Piles

PARCEL 62

Note:
All Meas. T68



Cont. 169

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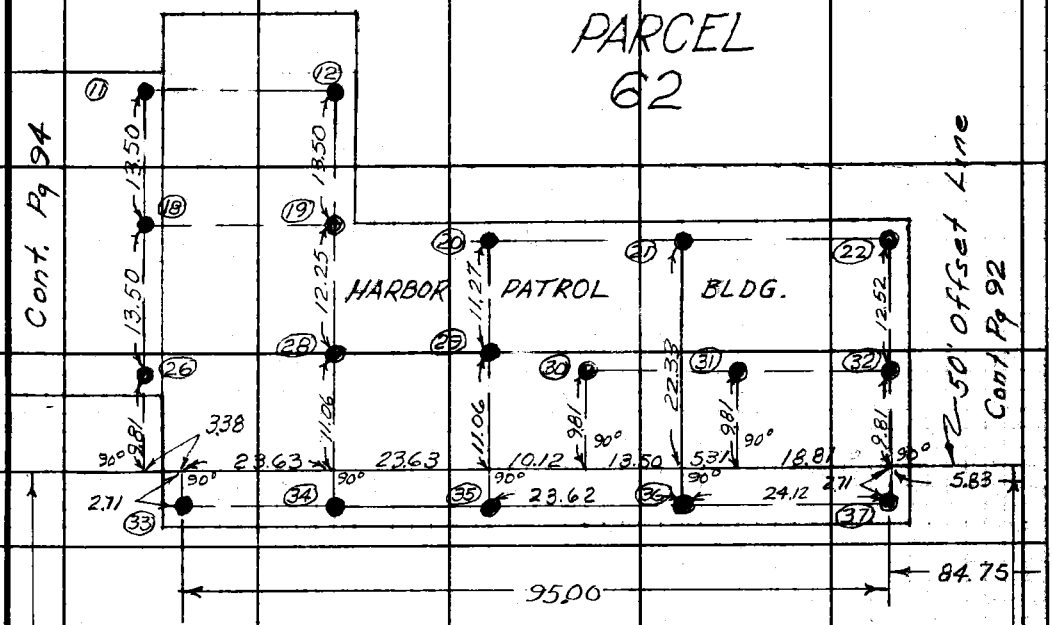
Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 89106 Tape 0220 Std 68 °F
Office Work	Surveyed by E. English
Checked	Notes Shoemaker Date 11-7-61
Date	Indexed E. J. GALLI

F. B. 2624 Pg. 93

● = Piles

Note:
All meas @ T 68.
(27) Pile #27 Omited

PARCEL 62



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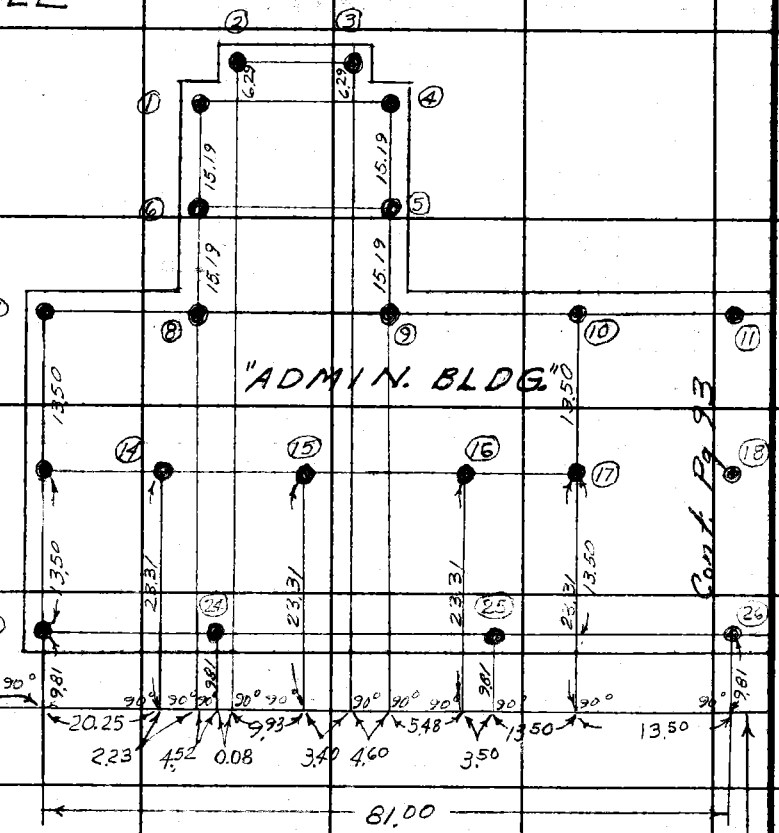
76F3095 SSE #247 11-58

F. B. 2624 Pg. 94

● = Piles

Note: All Meas. @ T68

PARCEL 62



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Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910 Tape 117 Std 68 °F
Office Work	Surveyed by English
Checked	Notes English Date 12-27-61
Date	Indexed H. E. OTT APR 5 '62

F. B. 2624 Pg. 95

MARINA DEL REY

C.R. 8910.01

As Built

SERVICE BUILDING CONSTRUCTION STAKING

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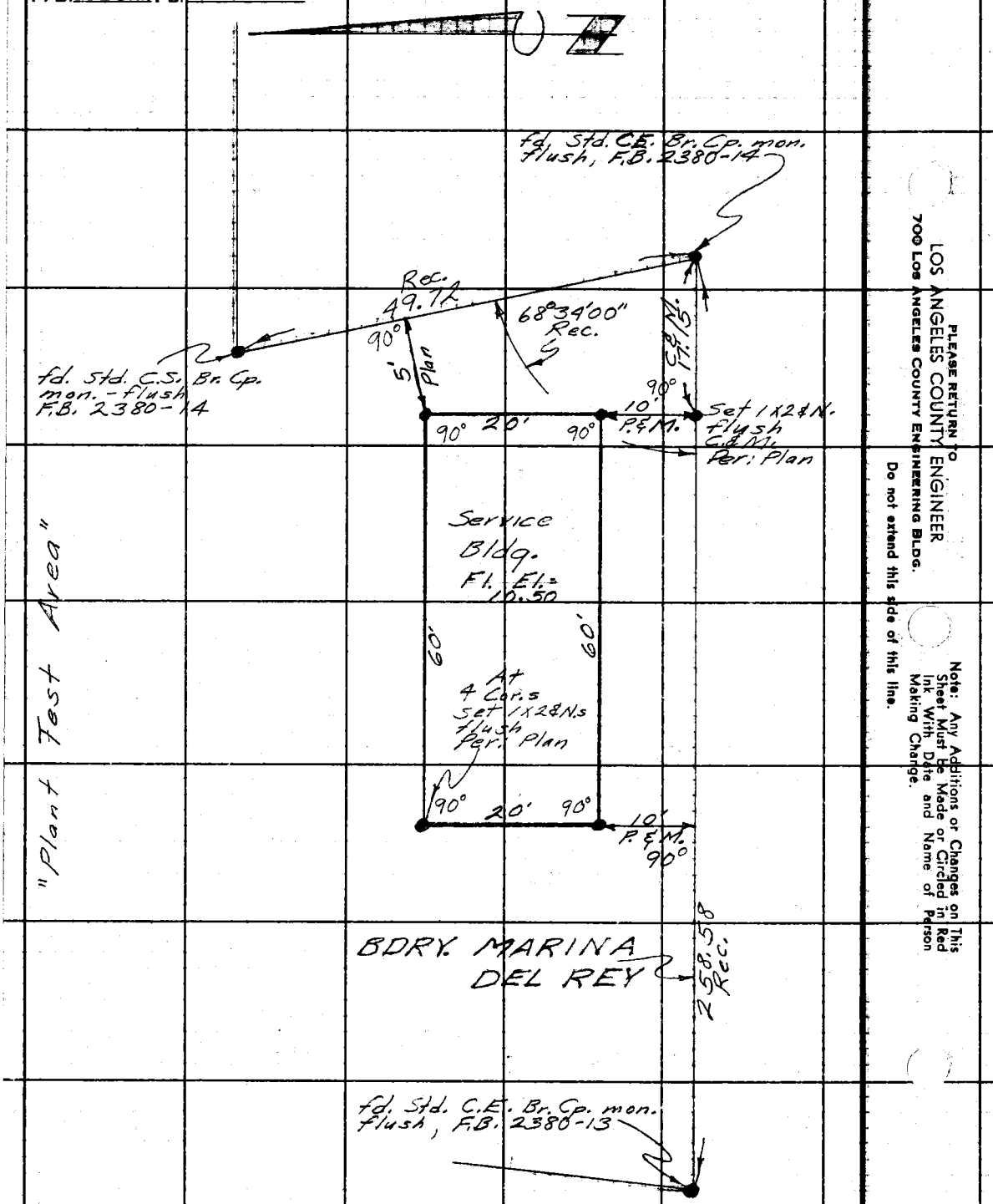
Dec. 27, 1961
English
Shoemaker
Foulger
Tollison
Masuda

76F3095 SEE #247 11-58

F. B. 2624 PG. 96



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Notes Ck'd by	Survey of Marina Del Rey	F. B. 2624 Pg. 97
Map No.	JN 0739.01 Tape 0220 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes e.d. Date 12-1-61	
Date	Indexed H. E. OTT DEC 1 5 '61	

MARINA DEL REY

J.N. 0739.01

EAST END OF SUBMARINE CABLE LOCATION AFTER CONSTRUCTION

DEC. 1, 1961
English
Shoemaker
Foulger
Tollison
Masuda

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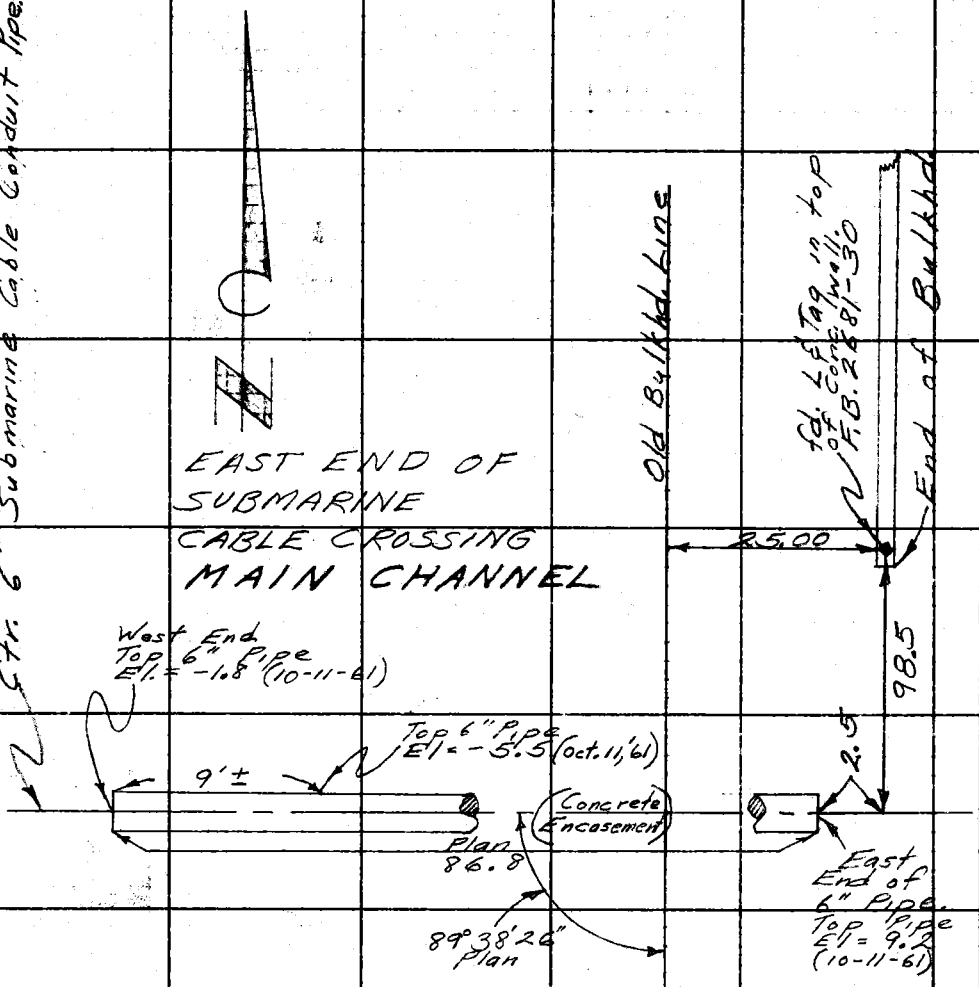
78F3095 SAE #247 11-58

F. B. 2624 PG. 98



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F.B. 2624 Pg. 99

Profile No. ____ X-Sec. No. ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Plotted ____ Date ____ Checked ____ Date ____
Job No. 0739.01 Division No. 11
Survey of Marina Del Rey
Survey by English Notes Ed. Date ____
Map No. ____ Indexed H. E. OTT Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	
					MARINA DEL REY J.N. 0739.01 EAST END OF SUBMARINE CABLE CONDUIT PIPE
					ELEVATIONS AFTER CONSTRUCTION
					Dec. 1, 1961 English Shoemaker Foulger Tollison Masuda

76L-296 C5 207 11-58

76L-296 CE 307 11-56

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F.B. 2624 Pg. 100 Job No. 0739.01 Division No. 11 Notes Red Plotted Profile
Survey of Marina Del Rey Ed. Date Date No. X-Sec.
Survey by English Notes Notes Chkd. Checked
Indexed H. P. OTT Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
Fd. B.M.						
S-73	2 1	14 6		12 5	S-73, el = 12.96, F.B. 2679-155	
			5 4	9 2	Top of East end 6" pipe, Pg. 98	
T.P.	2 4	5 0	12 0	2 6		
			6 8	-1 8	Top of West end 6" Pipe, Bent up, Pg. 98	
			10 5	-5 5	" 6" Pipe, Not at bend, 9'± E. of W. end pipe. Pg. 98	
T.P.	10 9	14 5	1 4	3 6		
S-73			2 0	12 5	Same as above	

E8

Profile No. | Notes Red. | Date | Plotted | Date | Job No. 8910.74 | Division No. 11 | F. B. 2624 Pg. 101
X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of Marina Del Rey | Survey by Unharriet | Notes Peterson | Date 11-13-61 | Map No. | Indexed H. E. OTT | Date DEC 1 0 '61

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MARINA DEL REY

J.N. 8910.74

NOV. 1961

Cross-sections on Mole #2 from east boundary line (0+00) westerly to 24+00. Final cross-sections after dredging fill.

Ref. F.B. 2679
F.B. 2691

Unharriet
Peterson
Duran
Robbins

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

76L298 S & E #307 9-54

76L298 S & E #307 9-54

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F. B. 2624 Pg. 102 Job No. 8910.74 Division No. 11 Notes Red Plotted No.
Survey of MARINA DEL REY Date Date X-Sec.
Survey by WHARRIET Notes PETERSON Notes Chkd. Checked
Indexed H. F. OTT Date Date Date No.
Profile

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM — M.L.L.W.	
B.M. S-23				9 95	B.M. S-23 Elev. = 9.95	spike in top of bulkhead, Sta. 102+55±, F.B. 2679-39
0+00					Intersection ℄ of Mole #2 & east bdry. line of Mole #2, F.B. 2681-11	
0+00.50				979		℄ L.S. Tag, F.B. 2681-11
0+01				98		℄ Mole #2
		LENKER ROD		98		88'R
				99		176'R
				992		176.50'R Tp. bulkhd.
				98	88'L	
				99	176'L	
				990	176.50'L Tp. bulkhd.	
1+00				104		℄ Mole #2
				96		88'R
				98		176'R
				995		176.50'R TP. BULKHD.
				102	88'L	
				98	176'L	
				993	176.50'L TOP BULKHD.	

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
2+00				116		℄ Mole #2
				108		88' R
				99		176' R
			LENKER ROD	995		176.50 R TOP BULKHD.
				102	88' L	
				99	176' L	
				1001	176.50' L TOP BULKHD.	
3+00				118		℄ Mole #2
				109		88' R
				99		176' R
				998		176.50 TOP BULKHD.
				102	88' L	
				99	176' L	
				1000	176.50' L TOP BULKHD	
4+00				118		℄ Mole #2
				109		88' R
				99		176' R
				997		176.50 R TOP BULKHD
				108	88' L	
				98	176' L	
				1004	176.50' L TOP BULKHD.	

Profile Notes Red. ____ Plotted ____ Job No. 8910.74 Division No. 11 F. B. 2624 Pg. 103
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by UHARRIET Notes T.C.R. Date 11-13-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L298 S & E #307 9-54

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F. B. 2624 Pg. 104 | Profile
Job No. 89.10.74 Division No. 11 Notes Red. Plotted
Survey of MARINA DEL REY Date Date No.
Survey by HARRIET Notes PETERSON Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
5+00				124		℄ Mole #2
				110		88' R
				98		176' R
				995		176.50 R Top BULKHD.
				110	88' L	
				100	176' L	
		LENKER ROD		1002	176.50 L Top BULKHD.	
6+00				126		℄ Mole #2
				115		88' R
				99		176' R
				996		176.50 R Top BULKHD.
				114	88' L	
				100	176' L	
				1003	176.50 L Top BULKHD.	
7+00				128		℄ Mole #2
				116		88' R
				98		176' R
				990		176.50 R Top BULKHD
				114	88' L	
				99	176' L	
				1000	176.50 L Top BULKHD	

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
T.P.				1283		
8+00				130		℄ Mole #2
				120		88' R
				100		176' R
				1000		176.50' R TOP BULKHD.
			LENKER ROD	118	88' L	
				100	176' L	
				1001	176.50' L TOP BULKHD.	
9+00				130		℄ Mole #2
				120		88' R
				100		176' R
				1002		176.50' R TOP BULKHD.
				111	88' L	
				100	176' L	
				997	176.50' L TOP BULKHD	
10+00				134		℄ Mole #2
				129		88' R
				77		176' R
				1000		176.50' R TOP BULKHD
				116	88' L	
				100	176' L	
				1001	176.50' L TOP BULKHD.	

Profile Notes Red. Plotted Job No. 8910.74 Division No. 11 F. B. 2624 Pg 105
No. Date Date Survey of MARINA DEL REY
X-Sec. Notes Chkd. Checked Survey by WARDLE T.C.P. Date 11-13-61
No. Date Date Map No. Indexed H. F. OTT 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.

F. B. 2624 Pg. 106 Job No. 8910.74 Division No. 11 Notes Red. Plotted Profile No.
Survey of MARINA DEL REY Date Date X-Sec.
Survey by HARRIET PETERSON Notes Chkd. Checked
Indexed H. E. OTT Date: Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
11+00				131		℄ Mole #2
				119		88' R
				100		176' R
				1002		176.50 R TOP BULKHD.
				116	88' L	
				100	176' L	
				1001	176.50' L TOP BULKHD	
		LENKER ROD				
T.P.				1316		
12+00				134		℄ Mole #2
				122		88' R
				99		176' R
				1005		176.50 R TOP BULKHD.
				122	88' R	
				100	176' R	
				1001	176.50 R TOP BULKHD	
13+00				134		℄ Mole #2
				120		88' R
				100		176' R
				1005		176.50 R TOP BULKHD.
				116	88' R	
				100	116' R	
				1999	176.50' R TOP BULKHD.	

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.	DATUM-M.L.L.W.	
14+00				132		℄ Mole #2
				124		88'R
				100		176'R
				1004		176.50R TOP BULKHD
				110	88'L	
				99	176'L	
				9.97	176.50'L TOP BULKHD	
15+00				136		℄ Mole #2
				112		88'R
				100		176'R
				1010		176.50R TOP BULKHD
				118	88'L	
				99	176'L	
				999	176.50'L TOP BULKHD,	
16+00				141		℄ Mole #2
				113		88'R
				99		176'R
				996		176.50R TOP BULKHD
				120	88'L	
				98	176'L	
				1000	176.50'L TOP BULKHD	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8910.74 Division No. 11 F. B. 2624 Pg. 107
X-Sec. No. ____ Date ____ Date ____ Survey of MARINA DEL REY
Notes Chkd. ____ Checked ____ Survey by UHARRIET Notes T.C.P. Date 11-14-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2624 Pg. 108 | Job No. 8910.74 | Division No. 11 | Notes Red. | Plotted | No. | Profile

Survey of MARINA DEL REY | Date | Date | X-Sec.

Survey by MARRIOTT | Notes PETERSON | Notes Chkd. | Checked | No.

Indexed H. E. OTT | Date | Date | Date

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 – M.L.L.W.	
17+00				143		℄ Mole #2
				113		88' R
				99		176' R
				994		176.50 R TOP BULKHD
				122	88' L	
				100	176' L	
		LENKERT RD		1002	176.50 L TOP BULKHD	
18+00				146		℄ Mole #2
				120		88' R
				98		176' R
				990		176.50 R TOP BULKHD
				125	88' L	
				101	176' L	
				1002	176.50 L TOP BULKHD.	
T.P.				1460		
19+00				150		℄ Mole #2
				120		88' R
				98		176' R
				994		176.50 R TOP BULKHD
				127	88' L	
				101	176' L	
				1000	176.50 L TOP BULKHD.	

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
20+00				153		℄ Mole #2
				127		88' R
				106		176' R
				991		176.50 R TOP BULKHD
				130	88' L	
				100	176' L	
				1004	176.50 L TOP BULKHD	
21+00				158		℄ Mole #2
				132		88' R
				102		176' R
				997		176.50 R TOP BULKHD
				130	88' L	
				100	176' L	
				1007	176.50 L TOP BULKHD.	
22+00				157		℄ Mole #2
				128		88' R
				99		176' R
				998		176.50 R TOP BULKHD.
				126	88' L	
				100	176' L	
				1010	176.50 L TOP BULKHD	

LENGTH 400

Profile Notes Red. ____ Plotted ____ Job No. 8910.74 Division No. 11 F. B. 2624 Pg. 109
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by UHARRIET Notes T.C.P. Date 11-4-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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F. B. 2624 Pg. 110 | Job No. 89 10 74 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No. | X-Sec.
Survey by DHARLES PETERSON | Notes Chkd. | Checked
Indexed H. E. OTT | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
23+00				10.[illegible]		℄ Male #2
				10.[illegible]		88'L
				99		176'R
				9.95		176.50 R TOP BULKHD.
				10.[illegible]	88'L	
				10.[illegible]	176'L	
		LENKER ROD		10.[illegible]	176.50L TOP BULKHD.	
24+00				9.[illegible]		℄ Male #2
				141		88'L
				[illegible]		176'L
				[illegible]		176.50 L TOP BULKHD
				10.[illegible]	88'L	
				10.[illegible]	176'L	
				10.06	176.50 L TOP BULKHD	
T.B.M. S-19				9.98	T.B.M. S-19 ELEV. 9.98	BULKHEAD STA 126+55.38
					BT. SPK. TOP OF WALL	
					F.B. 2679 PG 39	

Profile No. ____ X-Sec. No. ____

Notes Red. ____ Date ____ Notes Chkd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

8910.74

Job No. ____ Division No. 11

Survey of MARINA DEL REY

Survey by UHARRIET Notes T.C.P. Date 11-15-61

Map No. ____ Indexed H. F. OTT Date DEC 1 1961

F. B. 2624 Pg. 111

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

MARINA DEL REY

J.N. 8910.74

NOV. 1961

CROSS-SECTIONS ON MOLE #3
FROM EAST BOUNDARY LINE (0+00)
WESTERLY TO 24+00
FINAL CROSS-SECTIONS AFTER DREDGING
FILL.

F.B. 2619
F.B. 2681

UHARRIET
PETERSON
DURAN
ROBBINS

761-298 S & E #307—1-56

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. 2624 Pg. 112 Job No. 8910.74 Division No. 11 Notes Red. Plotted Profile
Survey of MARINA DEL REY Date. Date. No. X-Sec.
Survey by HARRIL Notes PETERSON Notes Chkd. Checked No.
Indexed H.E. OTT Date. Date. Date.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
T.B.M. 5-65				10.02	T.B.M. 5-65 EL. 10.025 SPIKE IN TOP OF BULKHEAD, STA. 155+91 ± F.B. 2679-141	
0+00				--	INT. ℄ MOLE #3 & EAST BDRY. LINE OF MOLE #3 F.B. 2681-13	
0+00.50			LINKER	9.95		℄ ℄ TAG F.B. 2681-13
0+01				9.8		℄ Mole #3
				9.8		88' R
				9.9		176' R
				10.00		176.50 R TOP BULKHD.
			ROD	9.9	88' L	
				10.0	176' L	
				10.00	176.50 L TOP BULKHD	
1+00				10.7		℄ Mole #3
				10.3		88' R
				10.0		176' R
				9.97		176.50 R TOP BULKHD.
				9.7	88' L	
				9.9	176' L	
				10.00	176.50 L TOP BULKHD	

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM – M.L.L.W.	
2+00				110		℄ Mole #3
				106		88' R
				99		176' R
				1000		176.50 R TOP BULKHD.
			LENKER RD	102	88' L	
				100	176' L	
				997	176.50' L TOP BULKHD.	
3+00				116		℄ Mole #3
				107		88' R
				99		176' R
				1000		176.50' R TOP BULKHD
				103	88' L	
				99	176' L	
				1000	176.50' L TOP BULKHD.	
4+00				118		℄ Mole #3
				114		88' R
				99		176' R
				997		176.50' R TOP BULKHD.
				102	88' L	
				98	176' L	
				996	176.50' L TOP BULKHD.	

Profile Notes Red. Plotted Job No. 8910.74 Division No. 11 F. B. 2699 Pg. 113
No. X-Sec. Date Date Survey of MARINA DEL REY
No. Notes Chkd. Checked Survey by LUHARRIE Notes T.C.P. Date 11-15-61
Date Date Map No. Indexed H. E. CTP Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

F. B. 2624 Pg. 114 | Job No. 89 10.74 | Division No. 11 | Notes Red | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No. | X-Sec.
Survey by WHARRIET PETERSON | Notes Chkd. | Checked | No.
Indexed H. E. OTT | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
5+00				118		℄ Mole #3
						88' L
				99		176' L
				998		176.50 L TOP BULKHD.
				105	88' L	
				99	176' L	
		LEVELED ROD		997	176.50' L TOP BULKHD.	
6+00						℄ Mole #3
						88' L
						176' L
						176.50' L TOP BULKHD.
					88' L	
					176' L	
					176.50' L TOP BULKHD.	
7+00						℄ Mole #3
						88' L
						176' L
				2		176.50' L TOP BULKHD.
					88' L	
					176' L	
					176.50' L TOP BULKHD.	

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
8+00						℄ Mole #3
						85'L
						176'L
						176.50'L TOP BULKHD.
			LEN KER ROD	114	88'L	
				99	176'L	
				995		
				1299		
9+00				128		℄ Mole #3
				122		88'R
				100		176'R
				1002		176.50'R TOP BULKHD.
				114	88'L	
				100	176'L	
				1003	176.50'L TOP BULKHD.	
10+00				130		℄ Mole #3
				125		88'R
				100		176'R
				1000		176.50'R TOP BULKHD.
				118	88'L	
				100	176'L	
				1000	176.50'L TOP BULKHD.	

Profile Notes Red. Plotted Job No. 89 D 174 Division No. 11 F. B. 2624 Pg. 115
No. X-Sec. Date Date Survey of MARINA DEL REY
No. Notes Chkd. Checked Survey by HARRIE Notes T.C.P. Date 11-15-61
No. Date Date Map No. Indexed H.E.QII Date

76L-298 S & E #307—1-56

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F. B. 2624 Pg. 116 | Job No. 8910.74 Division No. 11 Notes Red Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by HARRIETT Notes PETERSON Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
11+00				132		℄ Mole #3
				122		88' R
				103		176' R
				1003		176.50' R Top Bulkhd
			ZENKER	118	88' L	
				106	176' L	
				1001	176.50' L Top Bulkhd.	
12+00				132		℄ Mole #3
				117		88' R
				101		176' R
				1002		176.50' R
				94	88' L	
				99	176' L	
				1006	176.50' L Top Bulkhd.	
13+00				132		℄ Mole #3
				123		88' L
				99		176' L
				998		176.50' R Top Bulkhd.
				125	88' L	
				99	176' L	
				995	176.50' L Top Bulkhd.	

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
14+00				138		℄ Mole #3
				127		88'R
				100		176'R
				1002		176.50'R TOP BULKHD.
			LENKER ROD	124	88'L	
				98	176'L	
				996	176.50'L TOP BULKHD.	
15+00				142		℄ Mole #3
				126		88'R
				100		176'R
				1002		176.50'R TOP BULKHD.
				128	88'L	
				99	176'L	
				1000	176.50'L TOP BULKHD.	
16+00				144		℄ Mole #3
				126		88'R
				100		176'R
				1007		176.50'R TOP BULKHD.
				124	88'L	
				100	176'L	
				1006	176.50'L TOP BULKHD.	

Profile Notes Red. ____ Plotted ____ Job No. 8910.74 Division No. 11 F. B. 2624 PG. 117
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by DUPREIE Notes T.C.P. Date 11-15-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
17+00				146		℄ Mole #3
				126		88'R
				99		176'R
				998		176.50'R TOP BULKHD
				130	88'L	
				100	176'L	
				1006	176.50'L TOP BULKHD	
T.P.				1457		
18+00				144		℄ Mole #3
				118		88'R
				99		176'R
				998		176.50'R TOP BULKHD.
				130	88'L	
				99	176'L	
				1001	176.50'L TOP BULKHD	
19+00				140		℄ Mole #3
				124		88'R
				99		176'R
				998		176.50'R TOP BULKHD.
				121	88'L	
				99	176'L	
				999	176.50'L TOP BULKHD.	

LENKER MOS

F. S. 2624 Pg. 118 Job No. 8910.74 Division No. 11 Notes Red. Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by DHARRIET Notes PETERSON Notes Chkd. Checked
Indexed H. E. OTT Date Date No.

76L-298 S & E #307—1-56

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
20+00				136		℄ Mole #3
				120		88'R
				99		176'R
				1000		176.50'R TOP BULKHD.
			LENKLR	121	88'L	
				99	176'L	
				1000	176.50'L TOP BULKHD.	
21+00				146		℄ Mole #3
				126		88'R
			ROD	99		176'R
				1003		176.50'R TOP BULKHD
				128	88'L	
				99	176'L	
				1005	176.50'L TOP BULKHD	
22+00				146		℄ Mole #3
				121		88'L
				98		176'R
				771		176.50'R TOP BULKHD.
				132	88'L	
				99	176'L	
				1000	176.50'L TOP BULKHD	

Profile Notes Red. Plotted Job No. 7910-74 Division No. 11 F. B. 2624 Pg. 119
No. Date Date Survey of MARINA DEL REY
X-Sec. Notes Chkd. Checked Survey by HARRIET Notes Date 11-15-61
No. Date Date Map No. Indexed H. E. OTT Date

76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
23+00				153		℄ Mole #3
				123		88'R
				100		176'R
				10 03		176.50'R TOP BULKHD
				130	88 L	
				100	176'L	
				10 03	176.50'L TOP BULKHD.	
24+00		LONKER ROD		124		℄ Mole #3
				126		88'R
				100		176'R
				10 05		176.50'R TOP BULKHD.
				140	88 L	
				100	176'L	
				10 02	176.50'L TOP BULKHD.	
T.B.M. 5-18				10 03	T.B.M. 5-18 ELEV. 4.97 F.B. 2679-38	BULKHEAD STA. 128+35± BT. SPK IN HEADWALL

F. B. 2624 Pg. 120 Job No. 8910.74 Division No. 11 Notes Red. Plotted Profile
Survey of MARINA DEL REY Date Date No.
Survey by [illegible] Notes Peterson Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

Profile No. ____ X-Sec. No. ____

Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 8910.74 Division No. 11 Survey of Marina Del Rey

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Uharriet Notes Uharriet Date 11-15-61 Map No. ____ Indexed H. E. OTT Date DEC 1 9 61

F. B. 2624 Pg. 121

MARINA DEL REY

J.N. 8910.74

NOV. 1961

Cross-sections on Mole #4 from east boundary line (0+00) westerly to P.I. (17+09.07) Final cross-sections after grading fill.

Ref. F.B. 2679
F.B. 2681

Uharriet
Peterson
Duran
Robbins

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

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

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76L-295 S & E #307—1-56

76L-298 S & E #307—1-56

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700 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.	DATUM – M.L.L.W.	
T.B.M. S-56				10 01	T.B.M. S-56 Elev. = 10.01 Spoke in top of bulkhead, Sta. 208+01±, F.B. 2679-140	
0+00					Intersection ℄ Mole #4 & east bdry. line of Mole #4, F.B. 2681-15	
0+00.50				9 99		℄ L. & Tag. F.B. 2681-15
0+01				9 8		℄ Mole #4
				9 9		88' R
				9 8		176' R
				10 00		176.50 R tp. bulkhd.
				9 9	88' L	
				9 8	176' L	
				10 00	176.50' L tp. bulkhd.	
1+00				11 2		℄ Mole #4
				11 0		88' R
				10 0		176' R
				10 02		176.50 R tp. bulkhd.
				11 0	88' L	
				9 9	176' L	
				10 00	176.50 L tp. bulkhd.	
2+00				12 2		℄ Mole #4
				11 5		88' R

F. B. 2624 Pg. 122 Job No. 8910.74 Division No. 11 Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No. X-Sec.
Survey by Uharriet Notes Uharriet Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
2+00				9 9		176'R
				9 96		176.50R tp. bulkhd.
				11 3	88'L	
				9 9	176'L	
				9 99	176.50L tp. bulkhd.	
3+00				12 0		℄ Mole #4
				11 4		88'R
				9 9		176'R
				9 98		176.50R tp. bulkhd.
				11 [illegible]	88'L	
				9 9	176'L	
				10 [illegible]	176.50L tp. bulkhd.	
4+00				12 [illegible]		℄ Mole #4
				11 3		88'R
				[illegible]		176'R
				10 [illegible]		176.50R tp. bulkhd.
				11 4	88'L	
				10 0	176'L	
				10 [illegible]	176.50L tp. bulkhd.	
[illegible]				12 8		℄ Mole #4
				11 3		88'R

LINKER ROD

Profile Notes Red ____ Plotted ____ Job No. 8010.14 Division No. 11 F. B. 2624 Pg. 123
No. ____ Date ____ Date ____ Survey of Morino Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by L. Harriet Notes L. Harriet Date 11-8-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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F. B. 26 24 Pg. 124 Job No. 5910.74 Division No. 11 Profile
Survey of Norwalk, Dist. 12 Plotted ____ No. ____
Survey by Chance et al Notes Red ____ Date ____ X-Sec.
Indexed H. E. Ott Notes Chkd. ____ Checked ____ No. ____
Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.
9+00				9 3	175.2
				10 01	175.02 tp. bulkhd
				1	59.2
				2 2	176.2
				2 00	176.02 tp. bulkhd
1+00				1	2 MSL
				1 1	99.2
				1	176.2
				1 00	176.02 tp. bulkhd
				11 6	59.2
				2 2	176.2
				2 00	176.02 tp. bulkhd
2+00				12 6	2 MSL
				11 3	59.2
				2 2	176.2
				2 00	176.02 tp. bulkhd
				11 2	59.2
				12 1	176.2
				12 00	176.02 tp. bulkhd
3+00				12 6	2 MSL
				12 3	59.2

SEWER ROD

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM-M.L.L.W.	
8+00				[illegible]		176'R
				[illegible]		176.50'R tp. bulkhd.
				11 4	88'L	
				10 0	176'L	
				10 00	176.50L tp. bulkhd.	
9+00				13 0		℄ Mole #4
				11 7		88'R
				9 9		176'R
				9 97		176.50'R bulkhd.
				12 9	88'L	
				9 9	176'L	
				10 00	176.50'L tp. bulkhd.	
10+00				14 2		℄ Mole #4
				11 7		88'R
				9 9		176'R
				9 99		176.50R tp. bulkhd.
				12 8	88'L	
				9 9	176'L	
				10 00	176.50L tp. bulkhd.	
11 - +00				14 2		℄ Mole #4
				12 0		88'R

LEVKER ROD

Profile Notes Red. ____ Plotted ____ Job No. 8910.74 Division No. 11 F. B. 2624 Pg. 125
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by Uhrmet Notes Uhrmet Date 11-5-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
11+00				[illegible]		176' R
				[illegible]		176.50 R tp. bulkhd.
				[illegible]	88' L	
				[illegible]	176' L	
				[illegible]	176.50 L tp. bulkhd.	
12+00				14 [illegible]		℄ Mole #4
				11 6		88' R
				[illegible]		176' R
				[illegible]		176.50 R tp. bulkhd.
				12 1	88' L	
				[illegible]	176' L	
				[illegible]	176.50 L tp. bulkhd.	
13+00				13 8		℄ Mole #4
				[illegible]		88' R
				[illegible]		176' R
				[illegible]		176.50 R tp. bulkhd.
[illegible]				13 [illegible]		
				12 2	88' L	
				[illegible]	176' L	
				[illegible]	176.50 L tp. bulkhd.	
14+00				13 8		℄ Mole #4

F. B. 2624 Pg. 136 Job No. 8910.74 Division No. 11 Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No. X-Sec.
Survey by Uharriet Notes Uharriet Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
[illegible]				1 [illegible]		88 R
				9 [illegible]		176 R
				9 [illegible]		[illegible] tp bulkhd
				12 4	88 L	
				9 [illegible]	176 L	
				10 [illegible]	176.50 L tp bulkhd	
154 [illegible]		LENIKER ROAD		2 2		℄ Mole #4
—				12 4		88 R
				9 5		176 R
				9 95		176.50 R tp bulkhd
				1 [illegible]	88 L	
				10 [illegible]	176 L	
				9 99	176.50 L tp bulkhd	
16[illegible]				14 4		℄ Mole #4
				12 7		88 R
				10 0		176 R
				10 00		176.50 R tp bulkhd
				12 8	88 L	
				9 [illegible]	176 L	
—				9 99	176.50 L tp bulkhd	
174 [illegible]				15 2		℄ Mole #4

Profile Notes Red. ____ Plotted ____ Job No. 8910.74 Division No. 11 F. B. 2624 Pg. 127
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by Uharriet Notes Uharriet Date 11-15-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM — M.L.L.W.	
17+09.07				13 2	[illegible] 2681-16	92'R
				10 [illegible]		184.50'L
				10 [illegible]		185'R tp bulkhd
				12 [illegible]	92'L	split of angle [illegible] F.B. 2681-16
				[illegible]	184.50'L	
				9 90	185'L tp bulkhd	
T.B.M. 5-53		LANKER ROD		10 [illegible]	T.B.M. 5-53 Elev = 10.095 spike in top of [illegible], Sta. 224+34±, F.B. 2679-140	

F. B. 2624 PG. 128 Job No. 8310.74 Division No. 11 Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No. X-Sec.
Survey by Uharriet Notes Uharriet Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

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

Survey of Marina Del Rey
JN 8910.06 Tape 146 Std 84 °F
Surveyed by Uharriet
Notes Uharriet Date 11-16-61
Indexed H. E. OTT
DEC 1 9'61

F. B. 2624 Pg. 129

MARINA DEL REY

J.N. 8910.06

NOV. 1961

Control line for cross-sections in Parcel 62 over administration building site.

Ref. FB-2681

Uharriet
Peterson
Duran
Robbins

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76F3088 SAE #247 11-58

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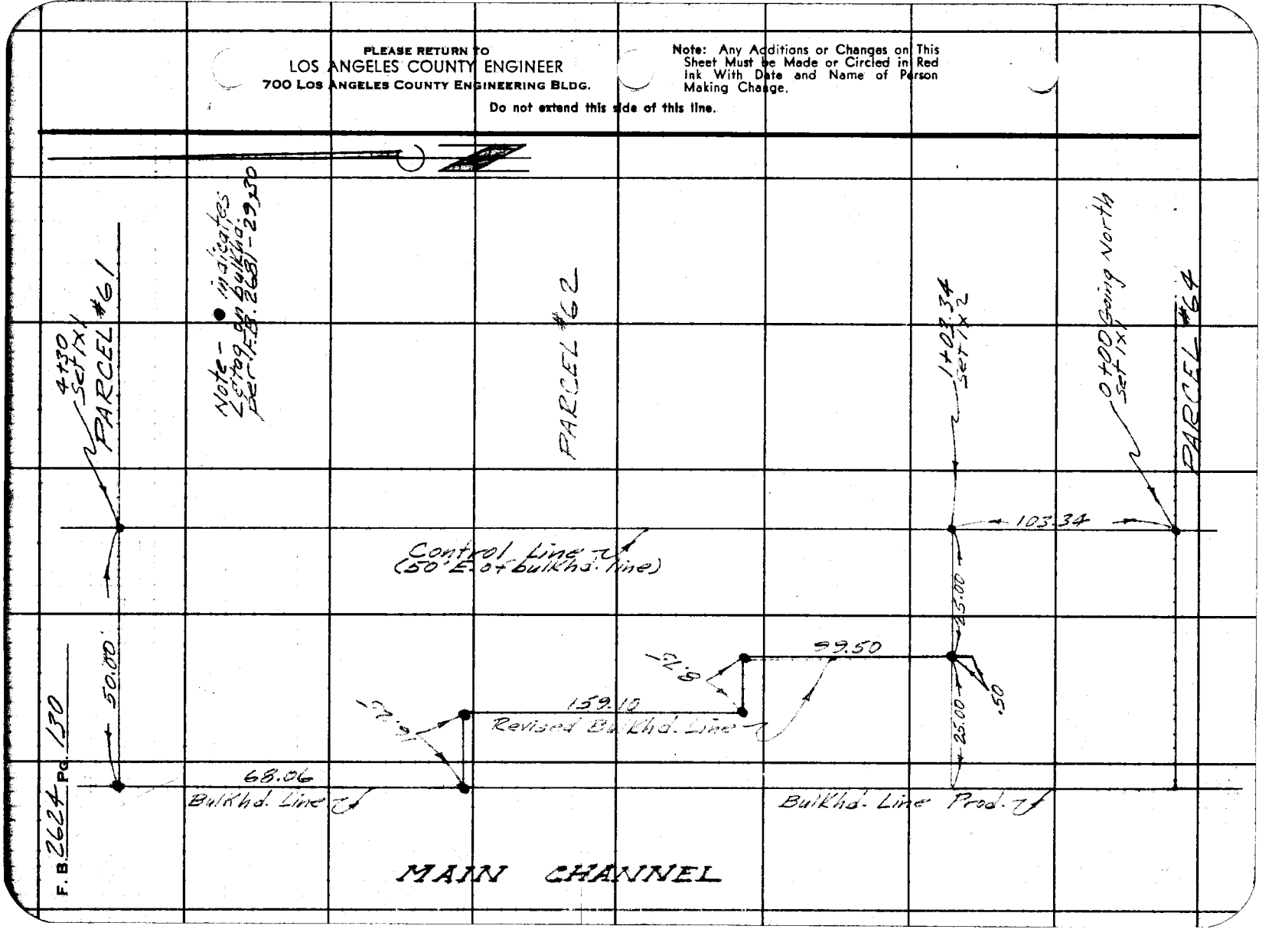

8910.06 | F.B. 2624 PG. 131

Profile No. | Notes Red | Plotted | Job No. 8910.06 | Division No. 11
Date | Date | Survey of Marina Del Rey
X-Sec. No. | Notes Chkd. | Checked | Survey by Uharriet | Notes Uharriet | Date 11-16-61
Date | Date | Map No. | Indexed H. E. OTT | Date DEC 1 9 61

MARINA DEL REY

J.N. 8910.06

NOV. 1961

Final cross-sections over Parcel #62 (administration building site) to determine dredge fill elevations.

Ref. F.B. 2679

Uharriet
Peterson
Duran
Robbins

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

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761-298 CE 307 11-58

76L-298 CE 307 11-56

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STATION	B. S.	H. I.	F. S.	ELEV	DATUM - M.L.L.W.	
T.B.M. S-73				12.46	T.B.M. S-73 Elev. = 12.46 spike in top of bulkhead, Sta. 396+32±, F.B. 2679-155	
0+25				16.8		Ctrl. line pg. 130
				17.0		25' R
				17.1		50' R
				17.4		75' R
				17.5		100' R
				17.7		125' R
				17.8		150' R
				18.2		175' R
				18.3		200' R
				18.[illegible]		225' R
				19.2		250' R M.D.R. 3DRY
				16.5	18' L Top of Slope	
				10.3	30' L Bottom of Slope	
0+25				16.5		CONTROL LINE pg. 130
				16.6		25' R
				16.6		50' R
				16.9		75' R
				17.2		100' R

F.B. 2624 Pg. 132 Job No. 3910.06 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Marina Del Rey Date ____ Date ____ No. ____
Survey by Uharriet Notes Uharriet Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed H. E. OTT Date ____ Date ____ Date ____ No. ____

76L-008 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	DATUM - M.L.L.W.	
0+25			LENKER ROD	175		125'R
				177		150'R
				177		175'R
				181		200'R
				188		225'R
				190		250'R M.D.R. BDRY.
				162	20'L TOP OF SLOPE	
				109	35'L SIDE OF SLOPE	
0+50				—	BOT. OF EXCAV.	CONTROL LINE pg. 150
						25'R BOT OF EXCAV.
				169		50'R EDGE OF EXCAV.
				170		75'R
				172		100'R
				173		125'R
				177		150'R
				179		175'R
				182		200'R
				190		225'R
				188		250'R M.D.R. BDRY.
				152	24'L TOP OF SLOPE	
				104	37'L SIDE OF SLOPE	

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 8910.06 Division No. 11 Survey of MARINA DEL REY Survey by UHARRIET Notes T.C.P. Date 11-16-61 Map No. Indexed H. E. OTT Date

F.B. 2624 PG. 133

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	DATUM — M.L.L.W.	
0+75				169	CONTROL LINE pg. 150	
				160		25' R
				160		50' R
				165		75' R
				175		100' R
				176		125' R
				177		150' R
				177		175' R
				181		200' R
				186		225' R
				18[illegible]		250' R M.D.R. 3DR 1.
				134	38' L TOP OF SLOPE	
1+00				14[illegible]	CONTROL LINE pg. 150	
				157		25' R
				166		50' R
				169		75' R
				172		100' R
				175		125' R
				175		150' R
				175		175' R
				178		200' R

LENKER ROD

F.B. 2624 PG. 134 Job No. 8910.06 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of MARINA DEL REY Date ____ Date ____ No. ____
Survey by DHARRIET Notes PETERSON Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed H. E. OTT Date ____ Date ____ No. ____

76L-[illegible]8 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	DATUM M.L.L.W.	
1400				178		225'R
				183		250'R
				127	25'L	
1425			LENKER ROD	—		Pg. 150 CONTROL LINE BOT OF EXCAV
						25'R "
				155		50'R TOP EDGE EXCAV.
				166		75'R
				170		100'R
				173		125'R
				170		150'R
				174		175'R
				175		200'R
				176		225'R
				179		250'R M.D.R. 3DPY.
				124	23.5'L	
				1243	25'L TOP BULKHD	
T.B.M. 5-73				1246		
1450				—		Pg. 150 CONTROL LINE BOT OF EXCAV.
				—		25'R
				136		28'R EDGE OF EXCAV
				150		45'R " " "

Profile Notes Red ____ Plotted ____ Job No. 8910.06 Division No. 11 F.B. 2624 Pg. 135
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by UHARMET Notes T.C.P. Date 11-16-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. F. OTT Date ____

76L-298 CE 307 11-58

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F.B. 2624 Pg. 136 Job No. 8910.06 Division No. 11 Notes Red ___ Plotted ___ Profile
Survey of MARINA DEL REY Date ___ Date ___ No. ___ X-Sec.
Survey by WHARRIED Notes PETERSON Notes Chkd. ___ Checked ___ No. ___
Indexed H.E. OTT Date ___ Date ___ Date ___

STATION	B.S.	H.I.	F.S.	ELEV	DATUM M.L.L.W.	
1450				167		75' R
				170		100' R
			TENTATIVE	168		125' R
				168		150' R
				172		175' R
				173		200' R
				177		225' R
				175		250' R M.D.R. BDRY.
			ROAD	126	8' L EDGE OF TOP OF EXCAV	
				124	23.5' L	
				1243	25' L TOP BULKHD	
1475				—	R/W CONTROL LINE	BOT. OF EXCAV.
				—		25' R " " "
				129		28' R EDGE OF EXCAV
				141		50' R
				134		75' R
				166		100' R
				171		109' R BRK
				172		125' R
				175		150' R
				173		175' R

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STATION	B.S.	H.I.	F.S.	ELEV.	DATUM M.L.L.W.	
1+75				173		200'R
				175		225'R
				174		250'R M.D.R. BDRY.
			LENKER ROD	127	8'L TOP & EDGE EXCAV.	
				124	23.5'L	
				1243	25'L TOP OF BULKHD.	
2+00				—	pg. 135 CONTROL	LINE BOT OF EXCAV
				—		25'R " " "
				129		29'R TOP & EDGE OF EXCAV.
				135		50'R
				145		75'R
				155		100'R
				167		125'R
				172		150'R
				169		175'R
				173		200'R
				174		225'R
				171		250'R M.D.R. BDRY
				126	8'L TOP EDGE OF EXCAV.	
				124	23.5'L	
				1244	25'L TOP OF BULKHD	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8910.06 Division No. 11 F.B. 2624 Pg. 137
Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by UHARRIET Notes T.C.P. Date 11-16-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	DATUM M.L.L.W.	
T.B.M. 5-73				12.46	T.B.M. 5-73 ELEV. 12.46	
2+25				—	pg. 130 CONTROL	LINE BOT OF EXCAV.
				—		25' R " " "
				137		47' R EDGE & TOP OF EXCAV.
				144		75' R
				149		100' R
				158		125' R
				162		150' R
				170		175' R
				170		200' R
				170		225' R
				1[illegible]		250' R M.D.R. BDRY.
				125	9' L TOP & EDGE OF EXCAV.	
				121	32.5' L	
				122	3.1' L TOP OF BULKHD	
2+[illegible]				125	CONTROL	LINE pg. 130
				125		6' R EDGE OF EXCAV.
				—		25' R BOT. OF EXCAV.
				139		50' R TOP & EDGE OF EXCAV.
				143		75' R
				149		100' R

F.B. 2624 Pg. 138 Job No. 8910.06 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of MARINA DEL REY Date ____ Date ____ No. ____
Survey by U HARRIS Notes PETERSON Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed H. E. OTT Date ____ Date ____ Date ____ No. ____

76L-998 CE 307 11-58

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Profile Notes Red____ Plotted____ Job No. 8910.06 Division No. 11 F.B. 2624 PG. 139
No.____ Date____ Date____ Survey of MARINA DEL REY
X-Sec. Notes Chkd.____ Checked____ Survey by HARRIETT Notes ICCE Date 11-16-61
No.____ Date____ Date____ Map No.____ Indexed H. E. OTT Date____

STATION	B.S.	H.I.	F.S.	ELEV.	DATUM M.L.L.W.	
2+50				15.5		125' L
				16.1		150' R
				16.6		175' R
				17.1		200' R
				16.9		225' R
				17.0		250' R M.D.R. ROCK
				12.2	25' L	
				12.3	32.5' L	
				12.2	36' L TOP OF SLOPE	
2+75				12.4		CONTACT ASPHALT
				12.4		4' R TOE EDGE OF EXCAV.
				[illegible]		25' R TOP OF EXCAV.
				[illegible]		42' R MIDDLE EXCAV.
				13.0		50' R
				14.1		75' R
				15.0		100' R
				15.5		125' R
				16.0		150' R
				16.6		175' R
				17.0		200' R
				17.0		225' R

76L-298 CE 307 11-56

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700 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	DATUM M.L.L.W.	
2+75				17 1		250'R M.D.R. BDRY.
				12 2	25'L	
				12 2	30'L	
				12 25	34'L TOP OF BULKHD.	
3+00				[illegible]	CONTROL LINE pg. 130	
				[illegible]		4'R EDGE & TOP EXCAV.
				–		25'R BOT OF EXCAV
				–		50'R " " "
				–		75'R " " "
				12 8		85'R TOP & EDGE EXCAV
				13 0		100'R
				13 4		125'R
				16 2		150'R
				16 7		175'R
				16 9		200'R
				16 8		225'R
				17 1		250'R M.D.R. BDRY.
				12 1	25'L	
				12 2	30'L	
				12 25	34'L TOP BULKHD	

F.B. 2624 PG. 140 Job No. 8910.66 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of MARINA DEL REY Date ____ Date ____ No. ____
Survey by UHARRIET Notes PETERSON Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed H. E. OTT Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	DATUM M.L.L.W.	
3425				124	CONTROL LINE pg 180	
				125		4' R TOP & BOSE EXCAV
				—		25' R BOT OF EXCAV.
				137		42' R TOP & BOSE EXCAV.
				141		50' R
				145		75' R
				153		100' R
				156		125' R
				162		150' R
				164		175' R
				168		200' R
				172		225' R
				173		250' R M.D.C. BLDY
				124	25' L	
				122	32.5' L	
				122	34' L TOP BULKHD.	
3[illegible]				124	CONTROL LINE pg 180	
				124		4' R
				—		25' R BOT OF EXCAV
				135		37' R TOP & BOSE EXCAV.
				141		50' R

Profile No. X-Sec. No.
Notes Red Date
Plotted Date
Notes Chkd. Date
Checked Date
Job No. 8910.06
Division No. 11
Survey of MARINA DEL REY
Survey by UHARRIE
Notes T.C.P. Date 11-16-61
Map No.
Indexed H. E. OTT Date
F.B. 3124 Pg. 141

F. B. 2624 Pg. 142 Job No. 8910.06 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of MARINA DEL REY Date _____ Date _____ No. _____

Survey by HARRIS Notes PETERSON Notes Chkd. _____ Checked _____ X-Sec.

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

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

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76L-298 CE 307 11-58

76L-298 CE 307 11-58

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	DATUM M.L.L.W.	
3+75				17[illegible]		250' R M.L.R. [illegible]
				120	25' L	
				[illegible]	[illegible] L	
				[illegible]	[illegible]	
[illegible]			LINKER ROD	127	CONTROL LINE pg. 130	
				140		25' R
				143		50' R
				151		75' R
				157		100' R
				1[illegible]		125' R
				167		150' R
				17[illegible]		175' R
				[illegible]		[illegible] R
				17[illegible]		[illegible] R
				171		[illegible] R [illegible]
				122	25' L	
				[illegible]	49' L	
				[illegible]	49.5' L [illegible]	
4+25				128	CONTROL LINE pg. 130	
				137		25' R
				143		50' R

Profile Notes Red ____ Plotted ____ Job No. 8910.06 Division No. 11 F.B. 2624 Pg. 143
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by UHARRIET Notes T.C.B. Date 11-16-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2624 PG. 144

Job No. 8910.06 Division No. 11 Notes Red ____ Plotted ____ Profile

Survey of MARINA DEL REY Date ____ Date ____ No. ____

Survey by WHARRIET Notes PETERSON Notes Chkd. ____ Checked ____ X-Sec.

Indexed H. E. OTT Date ____ Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV	DATUM M.L.L.W.	
4+25			LENKER RD	14.5		75' R
				15.5		[illegible]
				[illegible]		[illegible]
				[illegible]		[illegible]
				[illegible]		175' L
				[illegible]2		[illegible]
				[illegible]		225' L
				[illegible]		[illegible] N.DR. BDRY
				[illegible]	25' L	
				[illegible]	49' L	
				[illegible]	49.5' [illegible]	
T.B.M. 5-72				[illegible]	T.B.M. 5-72 ELEV. 11.98	
					[illegible] STA 38+94±	
					F.B. 2679-155	

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Notes Chkd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 0739.01 Division No. 11

Survey of Marina Del Rey

Survey by English Notes Ed. Date 12-4-61

Map No. ____ Indexed H. E. OTT Date DEC 13 '61

F.B. 2624 Pg. 145

MARINA DEL REY

J.N. 0739.01

CHANNEL
BOTTOM
ELEVATIONS
ADJACENT
TO 12'
BULKHEAD
WALL

M.L.L.W. Datum

Dec. 4, 1961
English
Shoemaker
Foulger
Tollison
Masuda

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

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.

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76L-296 CE 307 11-58

F. B. 2624 Pg. 146 | 0739.01

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

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

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

Indexed H. E. OTT Date ____ Date ____ Date ____ No. ____

Basin "H"

379+49.57=B.
380+18.85=A.
Bulkhd. Cor.

"Main Channel"

Bulkhd. Line

INDEX MAP

"Water"

"Land"

393+53.25

393+70.00

395+29.10

395+37.85

396+37.85
End of Bulkhd.

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

Do not extend notes this side of this line.

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700 Los Angeles County Engineering Bldg.

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

76L-296 CE 307 11-58

76L-298 CE 307 11-58

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Elev. Top of water

Do not extend notes this side of this line.

STATION	B.S.	~~H.I.~~	Sounding F.S. H.P.	ELEV.	M.L.L.W. Datum El=12.0 F.B.2679-155	
380+18.85	-9.6	+2.4	(10.20 A.M.)	12 0	Top of Bulkhd. Wall at cor. 380+18.85=A	379+49.57=B
			9.0	- 6 6	bottom of channel	5' R.
			11.0	-8 6	"	12½ R.
			15.5	-13 1	"	25' R.
			14.3	-11 9	"	32½ R.
			14.3	-11 9	"	40' R.
380+50		(mean) 2 3	7.1	-4 8	"	5' "
			12.0	-9 7	"	12½ "
			14.6	-12 3	"	25 "
			16.2	-13 9	"	32½ "
			17.0	-14 7	"	40 "
381+00		(mean) 2 2	7.3	-5 1	"	5' "
			12.7	-10 5	"	12½ "
			16.1	-13 9	"	25 "
			17.0	-14 8	"	32½ "
			17.3	-15 1	"	40 "
381+50		(mean) 2 1	7.0	-4 9	"	5' "
			12.7	-10 6	"	12½ "
			15.0	-12 9	"	25 "
			15.5	-13 4	"	32½ "
			15.5	-13 4	"	40 "

Note: All bot. of channel elev's are at 80° ℄ R.W.P. & ℄ Bulkhd. 2.194 E. & 2.258 W. from B.L.M.

Profile Notes Red. Plotted Job No. 073901 Division No. 11
No. X-Sec. Date Date Survey of Marina Del Rey
No. Notes Chkd. Checked Survey by English Notes Ed. Date 12-4-61
No. Date Date Map No. Indexed H. E. OTT Date
F.B. 2624 Pg. 147

76L-298 CE 307 11-58

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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.

131

El. top of water Sounding

Do not extend notes this side of this line.

F.B. 2624 Pg. 148 | Job No. 0739.01 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Marina Del Rey | Date | No. | X-Sec.
Survey by Engle Notes Shoemaker | Notes Chkd. | Checked
Indexed H. E. OTT | Date: | Date | No.

STATION	B. S.	~~H. I.~~	~~F. S.~~ Sounding	ELEV	M.L.L.W. Datum	
382+00		(mean) 2 0	5.2	- 3.2	Bot. of channel	5° R
			11.0	- 9.0	"	12 5 R
			15.2	- 13.2	"	25° R
			15.8	- 13.8	"	32 5 R
			16.5	- 14.5	"	40° R
382+50		(mean) 1 9	5.5	- 3.6	"	5° R
			13.0	- 11.1	"	12 5 R
			14.1	- 12.2	"	25° R
			15.2	- 13.3	"	32 5 R
			16.0	- 14.1	"	40° R
383+00		(mean) 1 8	6.0	- 4.2	"	5° R
			12.0	- 10.2	"	12 5 R
			14.1	- 12.3	"	25° R
			15.0	- 13.2	"	32 5 R
			15.3	- 13.5	"	40° R
	-10.3	+1.7 (10:50 AM)	12.0		Top of Conc. wall; c/= 12°; F.B. 2679-155	
383+50			4.3	- 2.6	Bot of channel	5° R
			10.6	- 8.9	"	12 5 R
			13.5	- 11.8	"	25° R
			12.4	- 10.7	"	32 5 R

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76L-298 CE 307 11-58

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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.

El. top of Water Sounding

Do not extend notes this side of this line.

STATION	B. S.	~~H.I.~~	~~F.S.~~ Line	ELEV.	M.L.L.W. Datum	
		+1.7				
383+50			13.1	- 11 4	Bot. of channel	40' R
384+00			4.2	- 2 5	"	5° R
			6.5	- 4 8	"	12 5' R
			13 0	- 11 3	"	25° R
			19.0	- 17 3	"	32 5' R
			18.5	- 16 8	"	40 0' R
384 ± 50		(mean) 1 6	4.0	- 2 4	"	5 0' R
			10.2	- 8 6	"	12 5' R
			17.0	- 15 4	"	25 0' R
			18.5	- 16 9	"	32 5' R
			19.0	- 17 4	"	40 0' R
385+00		(mean) 1 5	4.0	- 2 5	"	5 0' R
			11.1	- 9 6	"	12 5' R
			19.0	- 17 5	"	25 0' R
			18.8	- 17 3	"	32 5' R
			18.8	- 17.3	"	40 0' R
385+50		(mean) 1 4	4.0	- 2.6	"	5 0' R
			10.0	- 8.6	"	12 5' R
			16.0	- 14.6	"	25 0' R
			18.3	- 16.9	"	32 5' R

D.E.

Profile Notes Red. Plotted Job No. 0739.01 Division No. 11 F.B. 2624 Pg. 49
No. X-Sec. Date Date Survey of Marina Del Rey
No. Notes Chkd. Date Checked Date Survey by English Notes Stamped Date 12-4-61
Map No. Index Ed. E. Ott Date

76L-298 CE 307 11-58

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

Do not extend notes this side of this line.

STATION	B.S.	~~H.I.~~ El. at top water	~~F.S.~~ Sounding Line	ELEV	M.L.L.W. Datum		
		(mean) +1 .4					
385+50			18.8	-17.4	Bot. of channel	40.0'	R
386+00			4.2	-2.8	"	5.0'	R
			10.8	-9.4	"	12.5'	R
			16.0	-14.6	"	25.0'	R
			19.0	-17.6	"	32.5'	R
			19.6	-18.2	"	40.0'	R
386+50		(mean) +1 .3	3.0	-1.7	"	5.0'	R
			10.0	-8.7	"	12.5'	R
			12.8	-11.5	"	25.0'	R
			19.1	-17.8	"	32.5'	R
			19.0	-17.7	"	40.0'	R
387+00		(mean) +1 .3	3.5	-2.2	"	5.0'	R
			10.7	-9.4	"	12.5'	R
			14.0	-12.7	"	25.0'	R
			18.5	-17.2	"	32.5'	R
			19.8	-18.5	"	40.0'	R
387+50		(mean) +1 .2	4.0	-2.8	"	5.0'	R
			10.0	-8.8	"	12.5'	R
			13.7	-12.5	"	25.0'	R
			19.0	-17.8	"	32.5'	R

D.F.

F.B. 2624 Pg. 150 Job No. 0739.01 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Marina Del Rey Date ____ Date ____ No. ____
Survey by English Notes Shoemaker Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed H.E. OTT Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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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.

El. Top of Water Sounding

Do not extend notes this side of this line.

STATION	B.S.	~~H.I.~~	~~F.S.~~ Line	ELEV.	M.L.L.W. Datum	
		(mean) +1 2				
387+50			19.3	- 18.1	Bot. of channel	40° ' R
	-10.3	(mean) + 1.2	(11:20 AM)	12.00	Top of conc. wall	
388+00			4.5	- 3.3	Bot. of channel	5° ' R
			12.0	- 10.8	"	12.5 ' R
			15.0	- 13.8	"	25.0 ' R
			19.1	- 17.9	"	32.5 ' R
			19.2	- 18.0	"	40° ' R
388+50		(mean) 1.1	3.5	- 2.4	"	5° ' R
			7.0	- 5.9	"	12.5 ' R
			11.5	- 10.4	"	25.0 ' R
			17.5	- 16.4	"	32.5 ' R
			19.5	- 18.4	"	40° ' R
389+00		(mean) 1.1	4.5	- 3.4	"	5° ' R
			9.0	- 7.9	"	12.5 ' R
			16.5	- 15.4	"	25.0 ' R
			18.8	- 17.7	"	32.5 ' R
			20.0	- 18.9	"	40° ' R
389+50		(mean) 1.0	3.0	- 2.0	"	5° ' R
			9.0	- 8.0	"	12.5 ' R
			17.0	- 16.0	"	25.0 ' R

Profile No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. 11 F.B. 2624 PG. 151
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Marina Del Rey Survey by English Notes Shoemaker Date 12-4-61
Map No. ____ Date ____ Indexed H. E. OTT Date ____

76L-298 CE 307 11-58

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700 Los Angeles County Engineering Bldg.

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

El. at top Water Sounding

Do not extend notes this side of this line.

F.B. 2624 Pg. 152 | Job No. 8739.01 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Marina Del Rey | Date | No. | X-Sec.
Survey by Englund, Notes Shoemaker | Date | Notes Chkd. | Checked | No.
Indexed H. E. Ott | Date | Date | Date

STATION	B. S.	~~H.I.~~	~~E.S.~~ line	ELEV	Mean L.W. Datum	
		mean 1.0				
389+50			18.5	- 17.5	Bot. of channel	32 5' R
		(mean)	19.0	- 18.0	"	10 0' R
390+00		1.0	3.3	- 2.3	"	5 0' R
			7.5	- 6.5	"	12 5' R
			12.0	- 11.0	"	25 0' R
			17.8	- 16.8	"	32 5' R
			18.8	- 17.8	"	40 0' R
390+50		(mean) 0.9	4.3	- 3.4	"	5 0' R
			9.0	- 8.1	"	12 5' R
			13.8	- 12.9	"	25 0' R
			18.9	- 18.0	"	32 5' R
			19.2	- 18.3	"	40 0' R
391+00		(mean) + 09	3.6	- 2.7	"	5 0' R
			6.5	- 5.6	"	12 5' R
			12.3	- 11.4	"	25 0' R
			17.1	- 16.2	"	32 5' R
			18.9	- 18.0	"	40 0' R
	11.2	+ 0.9 (11:50 AM)		12.00 ✓	Top conc. wall	

76L-298 CE 307 11-58

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

Do not extend notes this side of this line.

STATION	B.S.	~~H.I.~~ El. at top water	~~F.S.~~ Sounding Line	ELEV.	M.L.L.W. Datum	
	11 9	0.1	(1:15 P.M.)	12.00	Top conc wall	
391+50			—		Bot of channel	5° ' R
			0 0	+0.1	"	12 5 ' R
			10.3	-10.2	"	25° ' R
			17.0	-16.9	"	32 5 ' R
			17 8	-17.7	"	40° ' R
392+00		(mean) 0.1	2.0	-1.9	"	5° ' R
			6.0	-5.9	"	12 5 ' R
			11.0	-10.9	"	25° ' R
			17.0	-16.9	"	32 5 ' R
			18 8	-18.7	"	40° ' R
392+50		(mean) 0.1	6.0	-5.9	"	5° ' R
			10.1	-10.0	"	12 5 ' R
			14.5	-14.4	"	25° ' R
			18 4	-18.3	"	32 5 ' R
			18 6	-18.5	"	40° ' R
393+00		(mean) 0.1	3.2	-3.1	"	5° ' R
			7.8	-7.7	"	12 5 ' R
			11.1	-11.0	"	25° ' R
			15.9	-15.8	"	32 5 ' R
			18 2	-18.1	"	40° ' R

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0739.01 Division No. 11 Survey of Marina Del Rey Survey by English Notes Spoemaker Date 12-4-61 Map No. ____ Indexed H F OTT Date ____

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____

F.B. 2624 Pg. 153

76L-298 CE 307 11-58

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

Do not extend notes this side of this line.

STATION	B. S.	~~H.I.~~ El. at top water	~~F.S.~~ Sounding Line	ELEV	M.L.L.W. Datum	
393+50		mean 0.2	3.6	- 3.4	Bot. of channel	5.0 ' R
			7.2	- 7.0		12.5 ' R
			10.3	- 10.1		25.0 ' R
			16.5	- 16.3		32.5 ' R
			17.9	- 17.7		40.0 ' R
394+00		mean 0.2	3.3	- 3.1		5.0 ' R
			3.6	- 3.4		12.5 ' R
			6.2	- 6.0		25.0 ' R
			7.8	- 7.6		32.5 ' R
			15.0	- 14.8		40.0 ' R
394+50		mean 0.2	3.2	- 3.0		5.0 ' R
			6.3	- 6.1		12.5 ' R
			9.7	- 9.5		25.0 ' R
			10.6	- 10.4		32.5 ' R
			13.7	- 13.5		40.0 ' R
395+00		mean 0.2	2.1	- 1.9		5.0 ' R
			5.0	- 4.8		12.5 ' R
			9.7	- 9.5		25.0 ' R
			12.4	- 12.2		32.5 ' R
			13.3	- 13.1		40.0 ' R
	12.00	+ 0.2	1:45 PM	12.2	Top conc. wall	

F.B. 2624 Pg. 154 Job No. 0739.01 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Marina Del Rey Date ____ Date ____ No. ____
Survey by English Notes Shoemaker Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed H. F. OTT Date ____ Date ____ Date ____ No. ____

Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 8910.74 Tape 146 Std 84 °F
Office Work	Surveyed by Uharriet
Checked	Notes Uharriet Date 12-12-61
Date	Indexed H. E. OCT JUN 1 7 '62

F. B. 2624 PG. 155

MARINA DEL REY

J.N. 8910.74

DEC. 1961

Control lines for cross-sections of slopes along the Marina Del Rey Boundary.

Ref. F.B. 2360

Uharriet
Peterson
Duran
Robbins

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76F3095 SEE #247 11-58

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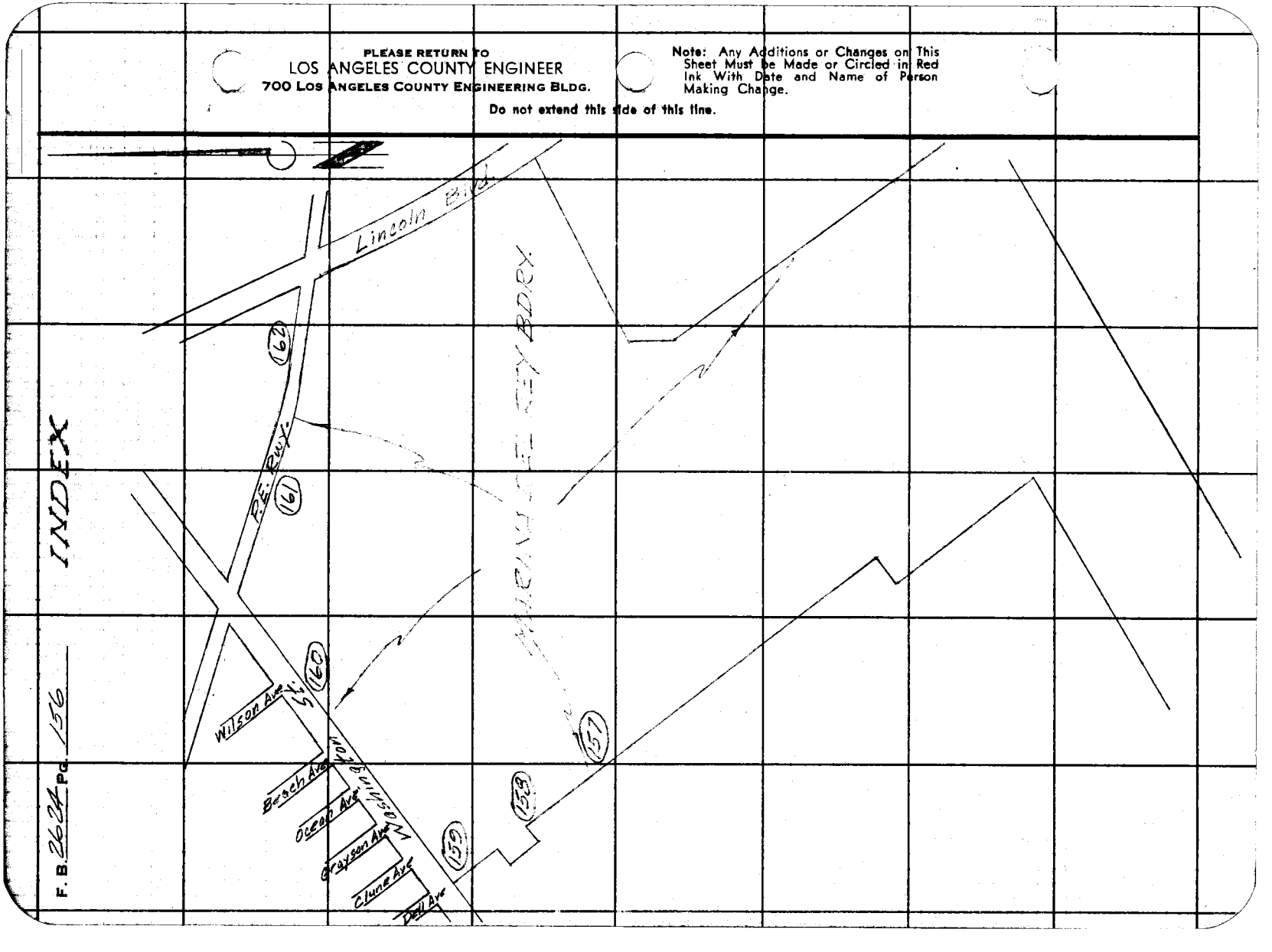
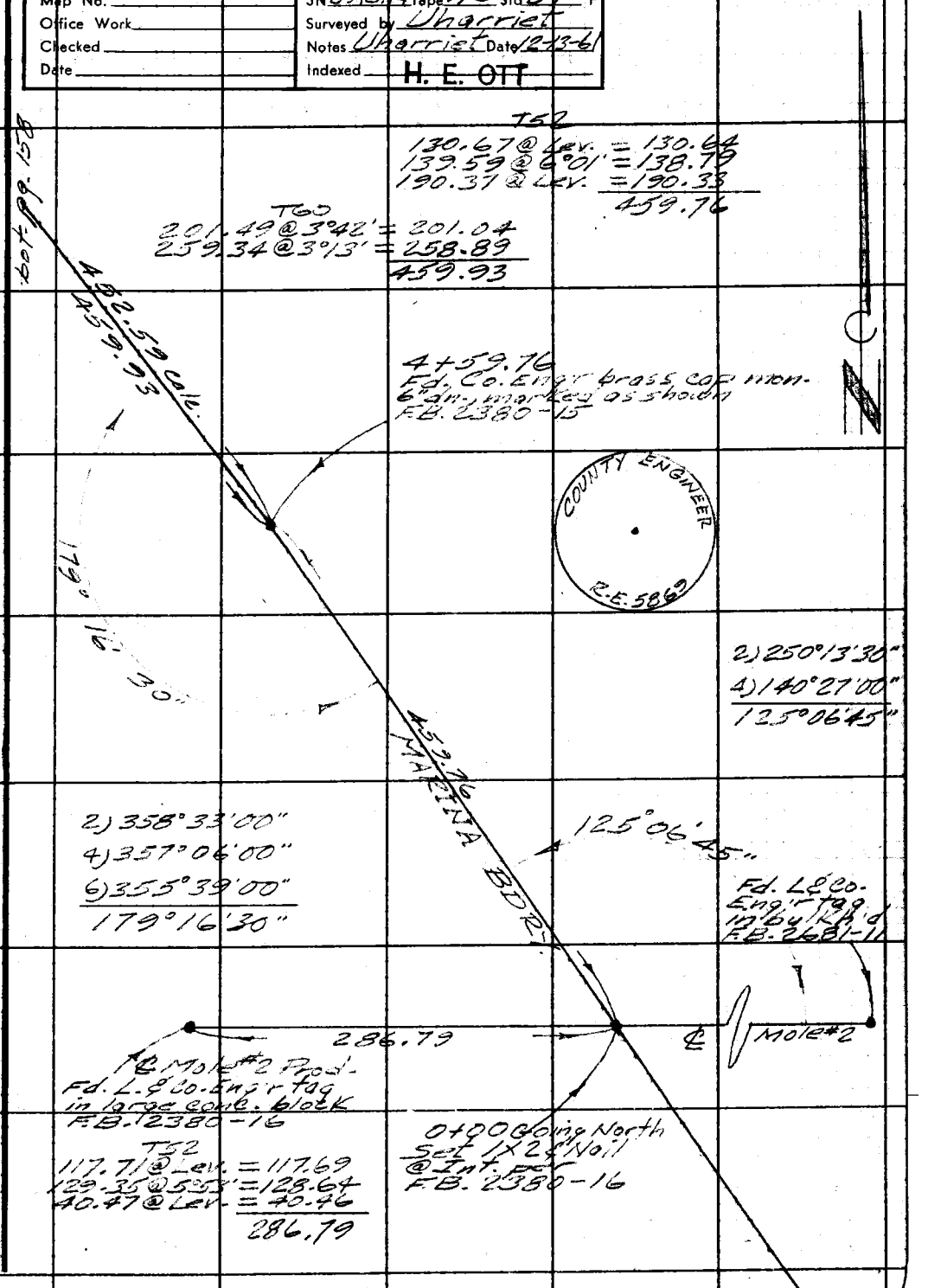


Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 89107.74 Tape 146 Std 84 °F
Office Work	Surveyed by Uharriet
Checked	Notes Uharriet Date 12-13-61
Date	Indexed H. E. OTT

F. B. 2624 PG. 157



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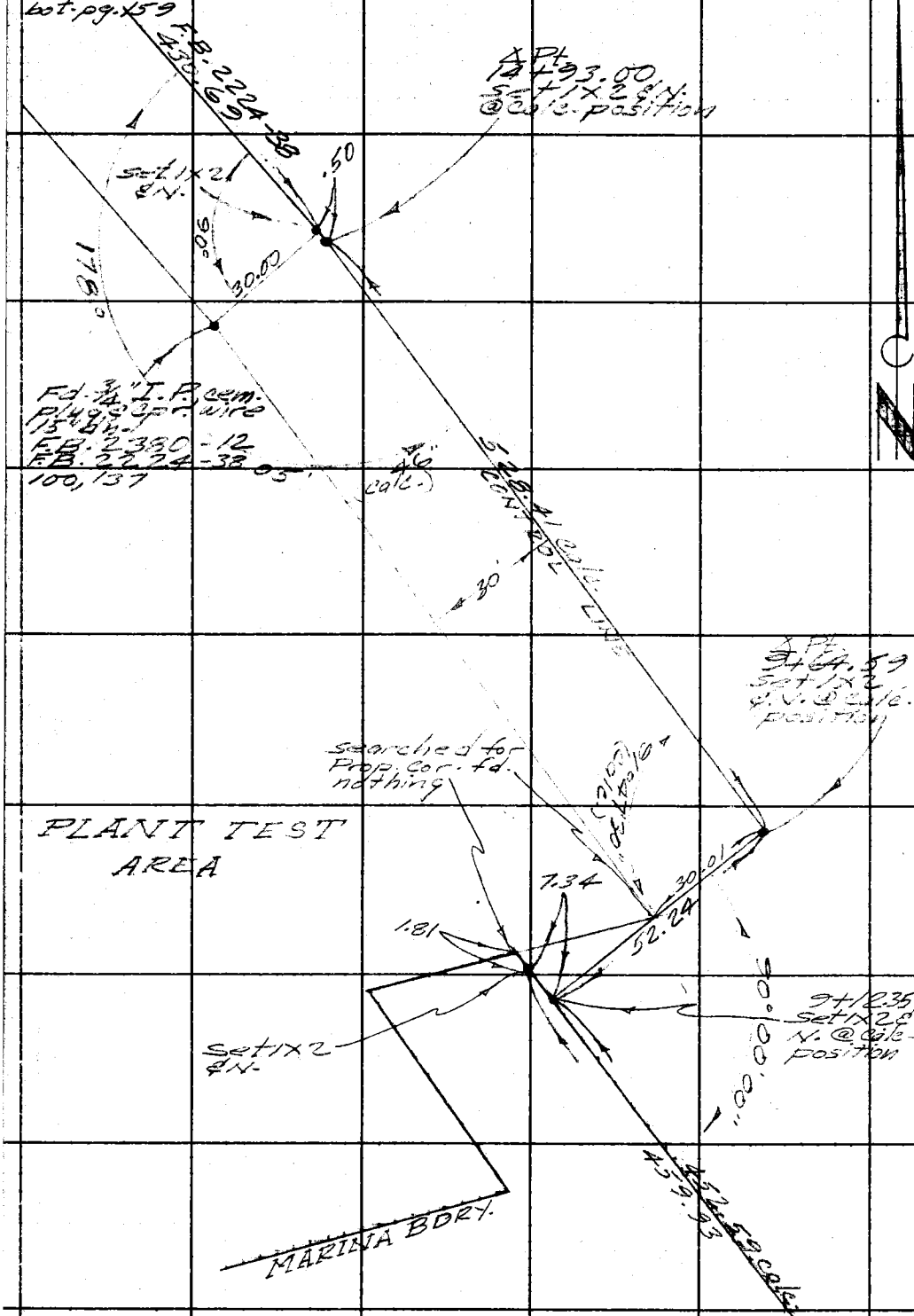
76F309S S&E #247 11-58

F. B. 2624 Pg. 158
bot. pg. 159



top lt. pg. 157

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Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 89107 Tape 146 Std 68 °F
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Checked	Notes Unarriet Date 12-13-6
Date	Indexed H. E. OTT

F. B. 2624 Pg. 159

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Fd. Chiseled cross @ Sherman Canal C.L. F.B. 2224-26,38

88° 40' 52" (Rec.)

WASHINGTON ST.

2320.14 F.B. 2224-13 to 19

Cont. pg. 160

Fd. L & T. F.B. 2224-13 38

F.B. 2224 160.07

27.13

DELL AVE.

ALLEY CONTROL LINE 2214.56 calc.

19+24.19 Fd. Chiseled cross F.B. 2224-27,35

19+16.19 from South = 0+00 going East set Nail

8.00

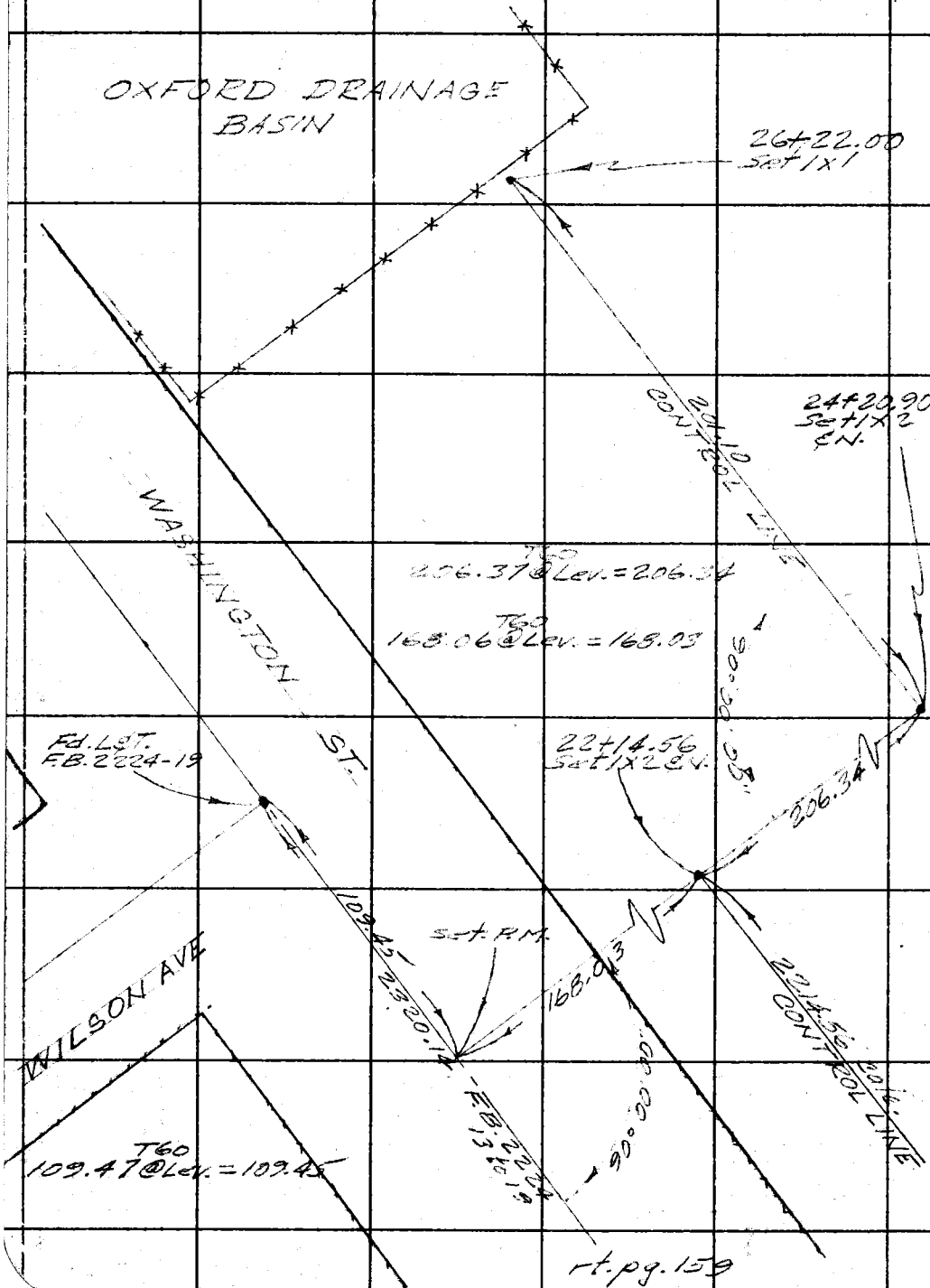
30'

430.69

top pg. 158

76F3098 S&E #247 11-59

F. B. 2624 Pg. 160



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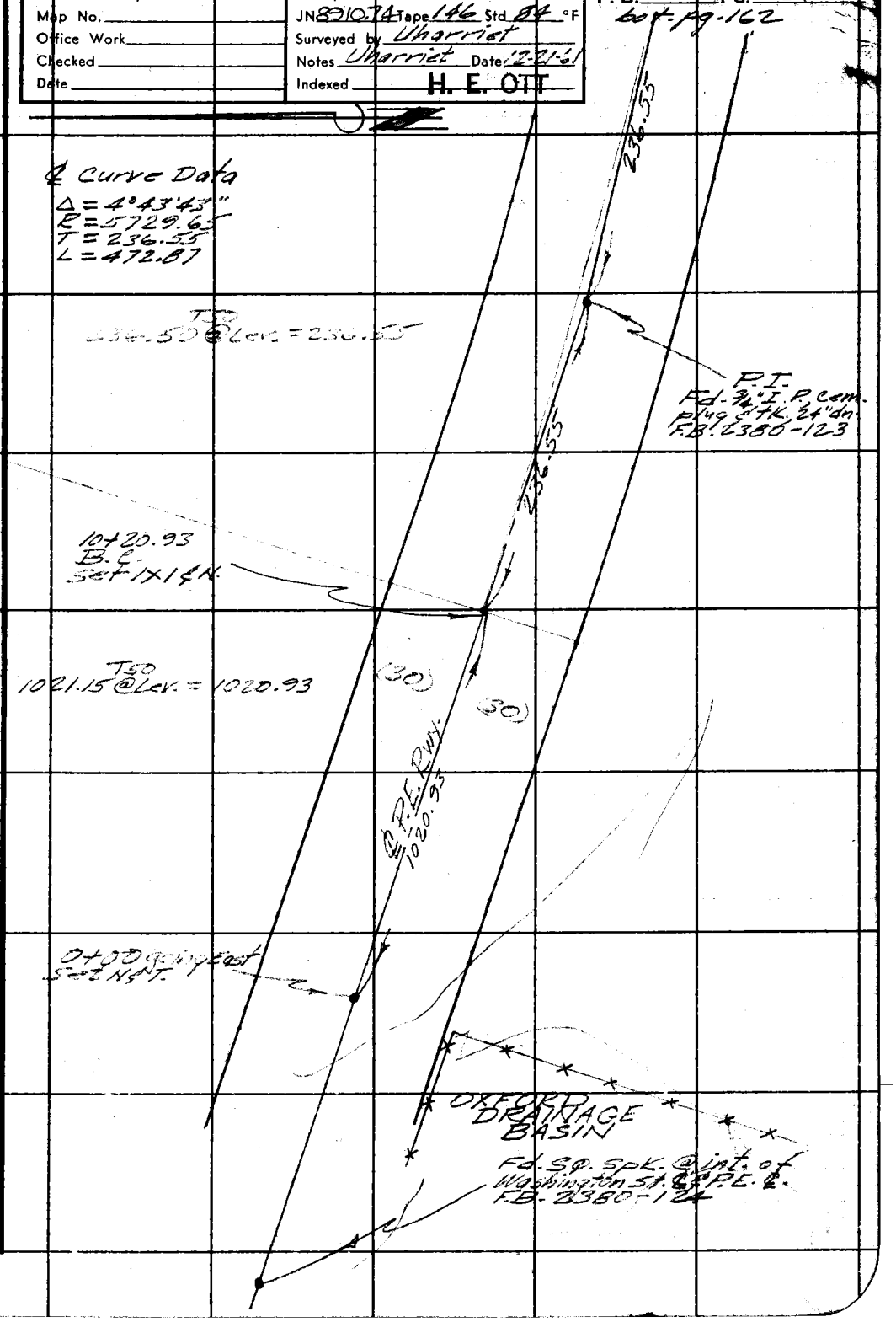
Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 8910.74 Tape 146 Std 84 °F
Office Work	Surveyed by Uharriet
Checked	Notes Uharriet Date 12-21-61
Date	Indexed H. E. OTT

F. B. 2624 PG. 161
bot. pg. 162



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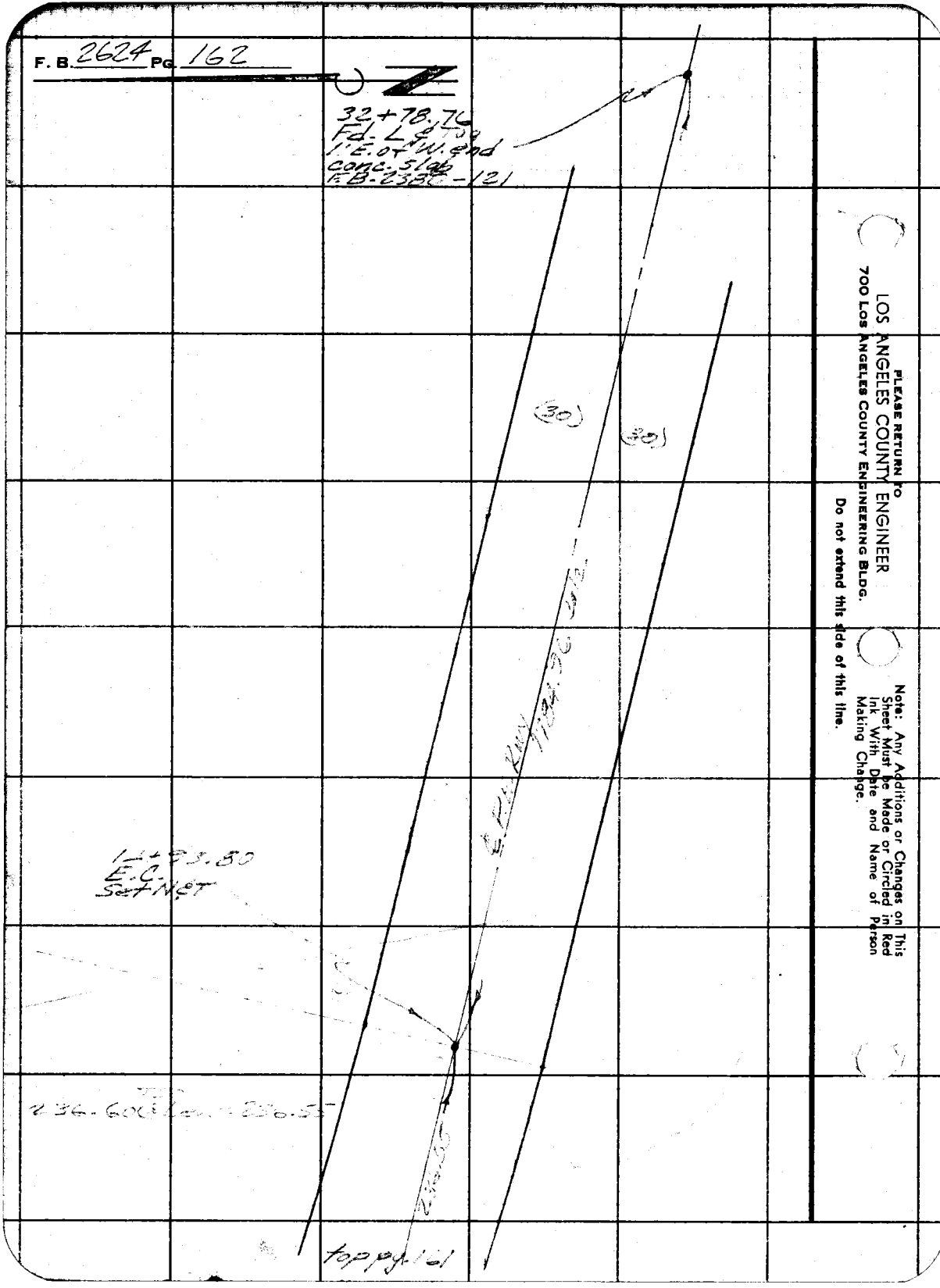
76F3098 S&E #247 11-58

F. B. 2624 PG. 162



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F.B. 2624 Pg. 163

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 8910.74 Division No. 11

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of MARINA DEL REY

Survey by Uharriet Notes Uharriet Date 12-15-61

Map No. ____ Indexed H. E. OTT Date JAN 1 7 '62

MARINA DEL REY

J.N. 8910.74

DEC. 1961

Cross-sections on perimeter slopes from intersection of Mole #2 & Marina 5 dry. northerly to intersection of first alley south of Washington St. & Dell Ave. control line shown on pages 157 to 159

Cross-sections on perimeter slopes from intersection of first alley south of Washington St. and control line going East to Ballona Drainage Basin - Control line shown on pages 159 & 160

Ref. F.B. 2649

Uharriet
Peterson
Duran
Robbins

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

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761-208 CE 307 11-58

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	DATUM - M.L.L.W.
M.D.R.B.M.67	10 75	18 39		7 66	M.D.R.B.M.67 Elev. = 7.66 150' W'ly from W. Bdry. Marina & 9' N'ly from ℄ prod. Mole #2. Bt. Spk. in N.E. corner concrete footing - F.B. 2649-27
T.P.	7 44	25 41	0 42	17 97	
0+00			6 15	19 26	Int. ℄ Mole #2 & Marina Bdry. 1x2 & N. pg. 157
0+72			4 9	20 5	Marina Bdry. pg. 157
T.P.	0 00	20 77	4 64	20 77	
			0 6	20 2	37.7 Lt. top slope
			8 2	12 6	61.3 Lt. side slope
			11 7	9 1	75.9 Lt. toe slope
			12 8	8 0	88.3 Lt.
1+43	0 00	21 57	+0 80	21 57	Marina Bdry. pg. 157 top slope
			+0 2	21 8	10.0 rt.
			7 6	14 0	26.2 Lt. side slope
			14 2	7 4	49.4 Lt. toe slope
			14 4	7 2	59.2 Lt.
2+00	0 00	15 07	6 50	15 07	Marina Bdry. pg. 157 side slope
			+8 3	23 4	30.6 rt. top slope
			+8 1	23 5	40.8 rt.
			7 2	7 9	27.7 Lt. toe slope

F.B. 2624 PG. 164 Job No. 8910.74 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of MARINA Del REY Date ____ Date ____ No. ____ X-Sec. ____
Survey by Uharriet Notes Uharriet Notes Chkd. ____ Checked ____ No. ____
Indexed H. E. OTT Date ____ Date ____ Date ____

761-208 CE 307 11-58

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
		15 07				
2+00			7 8	7 3	37.8 lt.	
2+69.4	0 31	9 21	6 17	8 90	Marina Bdry. pg. 157	toe slope
			+8 8	18 0		27.5 rt. side slope
			+18 2	27 4		58.5 rt. top slope
			+18 5	27 7		69.3 rt.
			0 9	8 3	10.0 lt.	
3+00	0 00	8 21	1 00	8 21	Marina Bdry. pg. 157	toe slope
			+11 1	19 3		33.4 rt. side slope
			+20 4	28 6		63.0 rt. top slope
			+20 5	28 7		73.1 rt.
			0 7	7 5	10.0 lt.	
4+00	0 00	7 23	0 98	7 23	Marina Bdry. pg 157	toe slope
			+10 6	17 8		32.2 rt. side slope
			+22 5	29 7		66.6 rt. top slope
			+23 0	30 0		76.6 rt.
					10.0 lt. oil sump (did not take elev.)	
4+59.76	0 00	6 87	0 36	6 87	∡ Pt. Marina Bdry. pg. 157 section taken on split of angle	toe slope
			+14 1	21 0		40.6 rt. side slope
			+23 6	30 5		67.4 rt. top slope
			+23 6	30 5		80.5 rt.

Profile Notes Red ____ Plotted ____ Job No. 8910.74 Division No. 11 F. B. 2624 Pg. 165
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by Uharriet Notes Uharriet Date 12-15-61
No. ____ Date ____ Date ____ Map No. ____ Index H. E. CTT Date ____

76L-298 CE 307 11-58

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F. B. 2624 PG. 166
Job No. 8910.74 Division No. 11 Notes Red Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by Warner Notes Warner Notes Chkd. Checked No.
Indexed H. E. OTT Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV	DATUM - M.L.L.W.	
		6 87				
4+59.76			+ 0 5	7 4	10.0 Lt.	
5+00	0 10	7 64	+ 0 67	7 54	Marina Bdry. pg. 157	toe slope
			+ 12 9	20 5		38.9 rt. side slope
			+ 23 5	31 1		68.6 rt. top slope
			+ 23 6	31 2		78.9 rt.
			0 4	7 2	10.0 Lt.	
5+31	0 00	8 82	+ 1 18	8 82	Marina Bdry. pg 157	toe slope
			+ 12 1	20 9		36.6 rt. side slope
			+ 22 9	31 7		70.1 rt. top slope
			+ 22 8	31 6		80.8 rt.
			0 4	8 4	10.0 Lt.	
6+44	0 00	19 57	+ 10 75	19 57	Marina Bdry. pg. 157	side slope
			+ 10 8	30 4		37.4 rt. top slope
			+ 11 4	31 0		47.6 rt.
			10 9	8 7	33.6 Lt. toe slope	
			11 6	8 0	43.4 Lt.	
7+00	0 13	24 29	+ 4 59	24 16	Marina Bdry. pg. 157	side slope
			+ 6 7	31 0		23.7 rt. top slope
			+ 7 1	31 4		34.2 rt.
			16 5	7 8	47.0 Lt. toe slope	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM – M.L.L.W.	
		24 29				
7+00			17 1	7 2	56.5 lt.	
7+85	0 00	23 48	0 81	23 48	Marina Bdry. pg. 157	side slope
			+9 4	31 9		31.4 rt. top slope
			+8 3	31 6		41.2 rt.
			15 0	8 5	33.6 lt. toe slope	
			15 8	7 7	48.5 lt	
8+27	0 15	17 02	6 61	16 87	Marina Bdry. pg. 157	side slope
			+7 9	24 9		31.5 rt. side slope
			+14 7	31 7		64.5 rt. top slope
			+14 9	31 9		74.4 rt.
			8 8	8 2	29.3 lt. toe slope	
			8 8	8 2	39.0 lt.	
8+58	0 00	8 96	8 06	8 96	Marina Bdry. pg. 157	toe slope
			+14 8	23 8		60.2 rt. side slope
			+22 8	31 8		91.6 rt. top slope
			+23 0	32 0		101.6 rt.
			0 4	8 4	10.0 lt.	
9+00	0 00	9 09	0 87	8 09	Marina Bdry. pg. 159	
			+1 9	10 0		49.0 rt. toe slope
			+15 0	23 1		92.0 rt. side slope

Profile Notes Red. Plotted Job No. 8910.74 Division No. 11 F. B. 2624 Pg. 167
No. X-Sec. Date Date Survey of MARINA DEL REY
Notes Chkd. Checked Survey by Wharmby Notes Wharmby Date 12-15-67
No. Date Date Map No. Indexed H. E. OTT Date

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
		8 09				
9+00			+24 0	32 1		126.9 rt. top slope
			+24 2	32 3		136.8 rt.
M.D.R.B.M.66	4 05	14 52	+2 40	10 49	M.D.R.B.M.66 Elev. = 10.47	Plant test area
					S.E. Cor. N'ly along	fence from entrance
					gate. C.E. B.M. mon.,	up 2 in. F.B. 2649-27
10+00	0 15	9 79	4 88	9 64	Control Line pg. 158	side dit.
			0 7	9 1		5.0 rt. bot. dit.
			0 3	9 5		11.0 rt. toe slope
			+9 0	18 8		41.4 rt. side slope
			+22 2	32 0		82.9 rt. top slope
			+22 2	32 0		95.4 rt.
11+00	0 25	8 48	1 56	8 23	Control Line pg. 158	side dit.
			0 5	8 0		5.0 rt. bot. dit.
			0 0	8 5		10.0 rt. toe slope
			+11 4	19 9		43.1 rt. side slope
			+23 6	32 1		82.0 rt. top slope
			+23 5	32 0		91.7 rt.
12+00	0 27	8 43	0 32	8 16	Control Line pg. 158	side dit.
			1 0	7 4		4.0 rt. bot. dit.
			0 4	8 0		8.0 rt. toe slope

F. B. 2624 Pg. 168 Job No. 8910.74 Division No. 11 Notes Red. Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by Uharriet Notes Uharriet Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM-M.L.L.W.	
		8 43				
12+00			+10 3	18 7		41.3 rt. side slope
			+23 8	32 2		80.5 rt. top slope
			+23 5	31 9		91.0 rt.
13+00	0 30	8 15	0 58	7 85	Control Line pg. 158	side dit.
			1 0	7 2		5.0 rt. bot. dit.
			0 4	7 8		8.0 rt. toe slope
			+12 0	20 2		45.4 rt. side slope
			+24 0	32 2		79.4 rt. top slope
			+24 0	32 2		89.9 rt.
14+00	0.34	8 69	+0 20	8 35	Control Line pg. 158	side dit.
			1 1	7 6		4.0 rt. bot. dit.
			0 6	8 1		7.0 rt. toe slope
			+12 0	20 7		45.8 rt. side slope
			+23 8	32 5		79.1 rt. top slope
			+23 0	31 7		90.1 rt.
14+93.00	0 20	7 98	0 91	7 78	Control Line pg. 158	side dit.
			1 5	6 5	section taken on split of angle	4.0 rt. bot. dit.
			0 7	7 3		11.5 rt. toe slope
			+11 9	19 9		44.2 rt. side slope
			+24 4	32 4		79.4 rt. top slope

Profile Notes Red. Plotted Job No. 8910.74 Division No. 11 F. B. 2624 PG. 169
No. Date Date Survey of MARINA DEL REY
X-Sec. Notes Chkd. Checked Survey by Uharriet Notes Uharriet Date 12-15-61
No. Date Date Map No. Indexed H. E. OTT Date

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F. B. 2624 Pg. 170 | Job No. 8910.74 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No.
Survey by Harriet Notes Harriet | Notes Chkd. | Checked | X-Sec.
Indexed H. E. OTT | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM – M.L.L.W.	
		7 98				
14+93.50			+24 0	32 0		89.5 rt.
16+00	0 17	8 68	+0 53	3 51	control Line pg. 158	side sl.
			1 5	7 2		4.5 rt. bot. sl.
			1 0	7 7		10.7 rt. toe slope
			+11 4	20 1		45.3 rt. side slope
			+23 6	32 3		82.4 rt. top slope
			+23 9	32 5		92.1 rt.
17+00	0 16	8 76	0 08	8 60	control Line pg. 158	side sl.
			0 9	7 9		6.0 rt. bot. sl.
			0 5	8 3		11.0 rt. toe slope
			+11 5	20 3		47.2 rt. side slope
			+23 2	32 0		82.5 rt. top slope
			+23 2	32 0		92.0 rt.
18+00	0 20	8 33	0 63	8 13	control Line pg. 158	side sl.
			0 7	7 6		6.3 rt. bot. sl.
			0 3	8 0		11.0 rt. toe slope
			+11 6	19 9		46.6 rt. side slope
			+23 6	31 9		84.0 rt. top slope
			+23 6	31 9		94.0 rt.
18+37	0 36	5 69	0 00	8 33	control Line pg. 158	side sl.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
		8 69				
18+37			1 4	7 3		7.0 rt. bot. dit.
			0 8	7 9		13.0 rt. toe slope
			+9 6	18 3		43.3 rt. side slope
			+23 0	31 7		85.9 rt. top slope
			+23 2	31 9		95.1 rt.
19+00	0 05	6 59	2 15	6 54	Control Line pg. 159	dirt rd.
			0 1	6 5		10.0 rt.
			+0 2	6 8		15.0 rt. toe slope
			+2 6	9 2		30.0 rt. side slope
19+16.19 from S. = 0+00 going E.			0 72	5 87	Control Line pg. 159	Nail in alley pg. 159
19+24.19			1 36	5 23	chiseled cross @ Int. alley & Dell Ave. pg. 159	
M.D.R.B.M.59	5 31	12 28	+0 43	7 02	M.D.R. B.M.59 Elev. = 6.97 Washington St. & Dell Ave., S.W. prop. cor., C.E. brass cap mon., 6" dn. F.B. 2649-24	
0+20	0 00	6 05	6 23	6 05	Control Line going E. pg. 159, 160	
			+0 3	6 4		2.5 rt. bot bank
			+1 1	7 2		3.5 rt. top bank
			+0 1	6 2		4.7 rt. toe slope
			+0 9	7 0		13.0 rt. side slope
			0 75	5 30	8.0 lt. ℄ alley	

Profile Notes Red. Plotted Job No. 8910.74 Division No. 11 F. B. 2624 Pg. 171
No. Date Date Survey of MARINA DEL REY
X-Sec. Notes Chkd. Checked Survey by Uharriet Notes Uharriet Date 12-18-61
No. Date Date Map No. Indexed H. E. OTT Date

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F. B. 2624 Pgs. 172 | Job No. 8910.74 | Division No. 11 | Notes Red. | Date | Plotted | Date | Profile No. | X-Sec. No.
Survey of MARINA DEL REY | Notes Chkd. | Date | Checked | Date
Survey by Harriet Notes Harriet
Indexed H. E. OTT | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.
		6.55			
0+96	0.00	5.97	0.58	5.97	Control Line pg. 159, 160
			+0.2	6.2	1.3 rt. bot. bank
			+2.1	8.1	3.5 rt. top bank
			+1.1	7.1	4.5 rt. toe slope
			+12.0	18.0	38.2 rt. side slope
			+23.0	29.0	69.3 rt. side slope
			+25.6	31.6	31.4 rt. top slope
			5.54		6.0 ft. ℄ alley
2+00	0.00	6.09	+0.12	6.09	Control Line pg. 159, 160
			+0.1	6.2	1.0 rt. bot. bank
			+1.3	7.4	3.5 rt. top bank & toe slope
			+13.3	19.4	42.2 rt. side slope
			+25.4	31.5	79.6 rt. top slope
			+25.4	31.5	39.4 rt.
			0.46	5.63	6.0 ft. ℄ alley
3+00	0.00	6.37	+0.28	6.37	Control Line pg. 159, 160
			+0.3	6.7	2.0 rt. toe slope
			+12.8	19.2	38.8 rt. side slope
			+24.8	31.2	71.5 rt. top slope
			+24.8	31.2	87.5 rt.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM — M.L.L.W.	
		6 37				
3+00			0 57	5 80	8.0 Lt. ℄ alley	
4+03	0 00	6 37	0 00	6 37	control Line pg. 159,160	
			+0 5	6 3		2.7 rt. toe slope
			+14 0	2 3 4		41.2 rt. side slope
			+24 0	3 0 4		75.3 rt. top slope
			+24 3	3 0 4		85.6 rt.
			0 35	6 02	8.0 Lt. ℄ alley	
5+ 30	5 30	6 63	0 24	6 63	control Line pg. 159,160	
			+0 5	7 1		3.0 rt. toe slope
			+12 6	1 9 2		37.2 rt. side slope
			+28 3	2 9 6		71.6 rt. top slope
			+28 3	2 9 6		81.9 rt.
			0 42	6 21	8.0 Lt. ℄ alley	
6+00	0 30	6 72	0 09	6 72	control Line pg. 159,160	bot. bank
			+0 5	7 2		1.0 rt. top bank
			+0 8	7 5		4.6 rt. toe slope
			+12 2	1 9 9		35.6 rt. side slope
			+21 8	2 8 5		67.5 rt. top slope
			+22 0	2 8 7		76.9 rt.
			0 30	6 42	8.0 Lt. ℄ alley	

Profile Notes Red. Plotted 8/10.74 Job No. Division No. 11 F. B. 2624 Pg. 173
No. X-Sec. Date Date Survey of MARINA DEL REY
Notes Chkd. Checked Survey by Ellerrie Notes Ellerrie Date 12-18-61
No. Date Date Map No. Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
		6 72				
7+00	0 00	6 86	+0 14	6 86	control Line pg. 159, 160	
			+1 0	7 9		5.5 rt. toe slope
			+11 5	18 4		34.6 rt. side slope
			+20 8	27 7		64.0 rt. top slope
			+20 6	27 5		74.2 rt.
			0 20	6 66	8.0 lt. ℄ alley	
8+00	0 00	7 20	+0 34	7 20	control Line pg. 159, 160	
			+0 3	7 5		2.5 rt. bot. bank
			+1 3	8 2		3.3 rt. top bank
			+1 0	8 2		5.3 rt. toe slope
			+11 3	18 5		33.6 rt. side slope
			+19 0	26 2		58.5 rt. top slope
			+19 2	26 4		69.4 rt.
			0 31	6 89	8.0 lt. ℄ alley	
9+00	0 00	7 48	+0 28	7 48	control Line pg. 159, 160	
			+1 0	8 5		5.0 rt. toe slope
			+9 4	16 9		28.9 rt. side slope
			+17 8	25 3		55.6 rt. top slope
			+17 9	25 4		65.5 rt.
			0 35	7 13	8.0 lt. ℄ alley	

F. B. 2624 Pg. 174 Job No. 8910.74 Division No. 11 Notes Red. Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by Uharriet Notes Uharriet Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM-M.L.L.W.	
		7 48				
10+35	3 50	7 32	0 16	7 32	control Line pg. 159,160	
			+1 5	6 6		5.0 rt. toe slope
			+8 4	15 7		27.0 rt. side slope
			+17 6	24 9		55.1 rt. top slope
			+17 5	24 8		64.6 rt.
			0 30	7 02	8.0 lt. & alley	
11 + 00	3 00	7 18	0 14	7 18	control Line pg. 159, 160	
			+1 0	6 2		5.5 rt. toe slope
			+8 6	15 8		27.2 rt. side slope
			+17 7	24 9		55.1 rt. top slope
			+17 9	25 1		63.5 rt.
			0 34	6 84	3.0 lt. & alley	
12+00	6 00	6 94	0 24	6 94	control Line pg. 159, 160	
			+1 2	8 1		5.0 rt. toe slope
			+10 1	17 0		27.9 rt. side slope
			+18 0	24 9		52.2 rt. top slope
			+17 9	24 8		62.5 rt.
			0 42	6 52	3.0 lt. & alley	
13+00	0 00	7 15	+0 21	7 15	control Line pg. 159, 160	
			+0 9	8 1		3.5 rt. toe slope

Profile Notes Red. Plotted Job No. 8910.74 Division No. 11 F. B. 2624 Pg. 175
No. X-Sec. Date Date Survey of MARINA DEL REY
No. Notes Chkd. Checked Survey by Wagner Notes Wagner Date 12-15-61
Date Date Map No. Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
		7 15				
13+00			+9 8	17 0		29.4 rt. side slope
			+17 5	24 7		50.8 rt. top slope
			+17 6	24 8		61.4 rt.
			+0 25	6 91	8.0 lt. ℄ alley	
14+00	0 00	7 41	+0 29	7 41	Control Line pg. 159, 160	
			+0 8	8 2		5.5 rt. toe slope
			+9 4	16 8		26.0 rt. side slope
			+17 8	25 2		50.7 rt. top slope
			+17 7	25 1		61.5 rt.
			0 26	7 15	8.0 lt. ℄ alley	
15+00	0 00	7 57	+0 16	7 57	Control Line pg. 159, 160	
			+0 5	8 1		3.0 rt. toe slope
			+8 5	16 1		23.0 rt. side slope
			+17 5	25 1		49.5 rt. top slope
			+17 3	24 9		60.5 rt.
			0 20	7 37	8.0 lt. ℄ alley	
16+00	0 00	8 52	+0 95	8 52	Control Line pg. 159, 160	
			0 0	8 5		3.5 rt. toe slope
			+8 0	16 5		24.0 rt. side slope
			+16 4	24 9		47.7 rt. top slope

F. B. 2624 PG. 176 Job No. 8910.74 Division No. 11 Notes Red Plotted Profile
Survey of MARINA DEL REY Date Date No.
Survey by Uharriet Notes Uharriet Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	DATUM-M.L.L.W.	
		8 52				
16+00			+16 3	24 8		58.8 rt.
			0 0	8 5	8.0 lt. (dirt)	
17+00	0 21	10 66	+1 93	10 45	Control Line pg. 160	
			0 0	10 7		5.5 rt. toe slope
			+6 3	17 0		24.5 rt. side slope
			+14 1	24 8		46.2 rt. top slope
			+13 9	24 6		56.3 rt.
			0 3	10 4	8.0 lt. (dirt)	
18+00	0 16	11 36	+0 54	11 20	Control Line pg. 160	
			+0 4	11 8		4.7 rt. toe slope
			+6 4	17 8		24.0 rt. side slope
			+12 7	24 1		44.8 rt. top slope
			+12 6	24 0		55.5 rt.
			0 3	11 1	8.0 lt. (dirt)	
19+00	0 40	12 41	+0 65	12 01	Control Line pg. 160	
			0 0	12 4		4.0 rt. toe slope
			+5 0	17 4		20.9 rt. side slope
			+11 2	23 6		41.5 rt. top slope
			+11 1	23 5		51.8 rt.
			0 4	12 0	8.0 lt. (dirt)	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8910.74 Division No. 11 F.B. 2624 Pg. 179
X-Sec. No. ____ Date ____ Date ____ Survey of MARINA DEL REY
Notes Chkd. ____ Checked ____ Survey by Uharriet Notes Uharriet Date 12-19-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 CE 307 11-58

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F.B. 2624 Pg. 178 | Job No. 8910.74 | Division No. | Notes Red | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No.
Survey by Uharriet Notes Uharriet | Notes Chkd. | Checked | X-Sec.
Indexed H. E. OTT | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV	DATUM - M.L.L.W.	
		1241				
20+00	0 00	12 18	0 23	12 18	Control Line pg. 160	
			0 0	12 2		2.5 rt. toe slope
			+4 7	16 9		18.0 rt. side slope
			+10 5	22 7		37.6 rt. top slope
			+10 5	22 7		47.9 rt.
			) 5	11 9	8.0 lt. (dirt)	
21+00	0 25	12 21	0 22	11 96	Control Line pg. 160	
			0 0	12 2		3.0 rt. toe slope
			+4 1	16 3		16.6 rt. side slope
			+9 4	21 6		33.3 rt. top slope
			+9 2	21 4		44.0 rt.
			0 1	12 1	8.0 lt. (dirt)	
21+75	0 25	11 81	0 65	11 56	Control Line pg. 160	
			+0 3	12 1		4.0 rt. toe slope
			+8 6	20 4		30.5 rt. top slope
			+8 8	20 6		41.1 rt.
			0 4	11 4	8.0 lt. (dirt)	
22+00	0 15	11 49	0 47	11 34	Control Line pg. 160	
			+0 3	11 8		6.5 rt. toe slope
			+2 1	13 6		15.2 rt. side slope

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	DATUM - M.L.L.W.	
		11 49				
22+00			0 1	11 4	8.0 lt. (dirt)	
22+08			0 2	11 3	Control Line pg. 160	
			0 1	11 4		6.0 rt. toe slope
			0 2	11 3	8.0 lt. (dirt)	
22+25			0 5	11 0	Control Line pg. 160	
			0 6	10 9	8.0 lt. (dirt)	
22+43			0 5	11 0		
			0 4	11 1		4.0 rt. toe slope
			+3 5	15 0		16.0 rt. side slope
			0 8	10 7	8.0 lt. (dirt)	
23+00	0 00	10 66	0 83	10 66	Control Line pg. 160	
			+0 2	10 9		3.0 rt. toe slope
			+3 7	14 4		15.3 rt. side slope
			+9 5	20 2		35.3 rt. top slope
			+9 6	20 3		45.0 rt.
			0 1	10 6	8.0 lt. (dirt)	
24+00	0 34	11 36	+0 36	11 02	Control Line pg. 160	
			+0 1	11 5		3.0 rt. toe slope
			+2 9	14 3		13.0 rt. side slope
			+6 5	17 9		28.8 rt. top slope

Profile Notes Red. Plotted Job No. 8910.74 Division No. 11
No. X-Sec. Date Date Survey of MARINA DEL REY
Notes Chkd. Checked Survey by Ulharriet Notes Ulharriet Date 12-19-67
No. Date Date Map No. Indexed H. E. OTT Date

F.B. 2624 Pg. 179

76L-298 CE 307 11-58

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F.B. 2624 Pg. 180 | Job No. 8910.74 | Division No. 11 | Notes Red | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No. | X-Sec.
Survey by Wharmby Notes Wharmby | Notes Chkd. | Checked | No.
Indexed H.E. OTT | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV	DATUM - M.L.L.W.	
		11 36				
24+00			+ 6 5	17 9		39 ft.
			0 5	10 9	8.0 lt. (dirt)	
24+20.90	0 00	11 38	+ 0 02	11 38	Control Line pg. 160	1 x 25 N.
			+ 0 1	11 5	This section @ 90° to back Line	3.0 rt. toe slope
			+ 2 7	14 1		13.0 rt. side slope
			+ 5 9	17 3		26.4 rt. top slope
			+ 5 9	17 3		36.4 rt.
			0 5	10 9	8.0 lt. (dirt)	
			+ 0 1	11 5	This section @ 90° to forward line	3.3 rt. toe slope
			+ 2 8	14 2		13.0 rt. side slope
			+ 6 1	17 5		24.8 rt. top slope
			+ 5 9	17 3		35.4 rt.
25+00	0 16	11 67	+ 0 13	11 51	Control Line pg. 160	
			+ 0 2	11 9		2.8 rt. toe slope
			+ 2 9	14 6		12.4 rt. side slope
			+ 6 5	18 2		26.2 rt. top slope
			+ 6 4	18 1		36.4 rt.
			0 2	11 5	8.0 lt. (dirt)	
T.P.	4 04	15 63	0 08	11 59		

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	DATUM M.L.L.W.	
		15 63				
M.D.R.B.M.57			5 95	9 68	M.D.R.B.M.57 Elev. = 9.66 Washington St. & Wilson Ave. 90'± E'ly of ℄ int. Washington St. & Wilson Ave., 48'± S'ly of ℄ Washington St., 3'± S.E. of cor. of 6' chain link fence around Oxford Drainage Basin. Up 0.3'. A std. co. eng'r bench mark mon. stamped "M.D.R.B.M.57" F.B. 2649-24	

Profile Notes Red Plotted Job No. 8910.74 Division No. 11
No. X-Sec. Date Date Survey of MARINA DEL REY
No. Notes Chkd. Checked Survey by Uharriet Notes Uharriet Date 12-19-67
Date Date Map No. Indexed H. E. OTT Date

F. B. 2674 Pg. 151

F.B. 2624 Pg. 182 Job No. 8910.74 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of MARINA DEL REY Date _____ Date _____ No. _____

Survey by Unarriet Notes Unarriet Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-298 CE 307 11-58

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Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 8910.74 Division No. 11

Notes Chkd. ____ Date ____ Checked ____ Date ____ Map No. ____

Survey of MARINA DEL REY

Survey by Uharriet Notes Uharriet Date 12-21-61

Indexed H. E. OTT Date JAN 1, 7 '62

F.B. 2624 PG. 183

MARINA DEL REY

J.N. 8910.74

DEC. 1961

Cross-sections on Marina perimeter slopes along P.E. R/W between Oxford Drainage Basin & Lincoln Blvd.

Ref. F.B. 2649

Uharriet
Peterson
Duran
Robbins

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

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV	DATUM-M.L.L.W.	
M.D.R.B.M.55	12 33	21 66		9 33	M.D.R.B.M.55 Elev. = 9.33 P.E. R.R. R/W 875'± E'ly from Washington St., 130'± W'ly of int. Dickson St. & Oxford Ave., 18'± S'ly of split of rails of R.R. track. 10'± E'ly of E. end of wooden trestle over drain from Oxford Ave. A std. Co. Eng'r B.M. marked "M.D.R.B.M-55", F.B. 2649-23	
0+00			11 7	10 5	℄ P.E. R/W pg. 161	
			12 0	9 7		4.5R top slope
			15 4	6 3		20.0R bot slope
			15 1	6 6		30.0R bot. slope
			12 6	9 1		43.0R brk.
			11 8	9 9		65.0R top slope
			17 8	3 9		89.0R bot. slope
			18 6	3 1		104.0R toe slope
			10 0	11 7		130.5R side slope
			1 6	20 1		159.5R top slope
			1 8	19 9		170.0R
0+31			11 6	10 1	℄ P.E. R/W pg. 161	
			12 0	9 7		6.0R top slope

F.B. 2624 PG. 184
Job No. 8910.74 Division No. 11
Survey of MARINA DEL REY
Survey by Uharriet Notes Uharriet
Indexed H. E. OTT Date
Notes Red Date Plotted Date
Notes Chkd. Date Checked Date
Profile No. X-Sec. No.

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
		21 66				
0+31			15 6	6 1		28.7R bot. slope
			13 0	8 7		42.0R brk.
			12 9	8 8		56.5R top slope
			17 3	4 4		74.0R bot. slope
			17 8	3 7		94.0R toe slope
			9 2	12 5		125.0R side slope
			1 3	20 4		149.5R top slope
			1 5	20 2		160.0R
1+00			11 1	10 6	& P.E. R/W pg. 161	
			11 3	10 4		5.0R top slope
			13 4	8 3		30.5R side slope
			15 9	5 8		53.4R bot. slope
			15 4	6 3		71.6R toe slope
			9 7	12 0		92.2R side slope
			1 8	19 9		119.0R top slope
			1 8	19 9		130.0R
1+71			11 3	10 4	& P.E. R/W pg. 161	
			11 4	10 3		3.5R top slope
			12 1	9 6		9.5R brk.
			16 0	5 7		18.5R bot. slope

Profile Notes Red Plotted Job No. 8910.74 Division No. 11 F. B. 26624 Pg. 135
No. X-Sec. Date Date Survey of MARINA DEL REY
Notes Chkd. Checked Survey by Wherriet Notes Wherriet Date 12-21-61
No. Date Date Map No. Indexed H. E. OT Date

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	DATUM—M.L.L.W.	
		21 66				
1+71			15 3	6 4		33.4R toe slope
			8 5	13 2		57.8R side slope
			2 2	19 5		81.0R top slope
			2 3	19 4		91.0R
2+00			11 3	10 4	℄ P.E. R/W pg. 161	
			11 3	10 4		3.8R top slope
			12 8	8 9		11.5R brk.
			15 6	6 1		16.8R bot. slope
			15 2	6 5		29.1R toe slope
			8 2	13 5		48.8R side slope
			2 3	19 4		69.2R tope slope
			2 2	19 5		79.2R
3+00			11 3	10 4	℄ P.E. R/W pg. 161	
			11 5	10 2		4.0R top slope
			15 8	5 9		18.0R bot. slope
			15 0	6 7		28.0R toe slope
			7 9	13 8		46.7R side slope
			2 0	19 7		64.5R top slope
			1 6	20 1		74.5R
T.P.	1085	21 33	11 18	10 48		

F.B. 2624 Pg. 186 Job No. 8910.74 Division No. 11 Notes Red Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by Uharriet Notes Uharriet Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 CE 307 11-58

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.
		21 33			
4+00			108	105	℄ P.E. R/W pg. 161
			110	103	40' R TOP OF SLOPE
			157	56	21° R BOTTOM OF SLOPE
			147	66	24½' R BREAK
			147	66	29° R TOE OF SLOPE
			81	132	45° R SIDE OF SLOPE
			16	197	64° R TOP OF SLOPE
			14	199	74° R
5+00			105	108	℄ P.E. R/W PG. 161
			107	106	5° R TOP OF SLOPE
			149	64	20° R BOTTOM OF SLOPE
			142	71	22½ R BREAK
			143	70	28° R TOE OF SLOPE
			82	131	45° R SIDE OF SLOPE
			19	194	64° R TOP OF SLOPE
			19	194	74° R
6+00			100	113	℄ P.E. R/W PG 161
			104	109	5° R TOP OF SLOPE
			144	69	18½ R BOTTOM OF SLOPE
			141	72	27° R TOE OF SLOPE

Profile Notes Red ____ Plotted ____ Job No. 9910.74 Division No. 11
No. ____ Date ____ Date ____ Survey of ATHERTON-DELREY
X-Sec. Notes Chkd. ____ Checked ____ Survey by Harriet Notes ____ Date 12-21-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2624 PG. 187

76L-298 CE 307 11-58

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F.B. 2674 Pg. 188 | Job No. 8910.74 | Division No. 11 | Notes Red | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No.
Survey by Harriet Notes PETERSON | Notes Chkd. | Checked | X-Sec.
Indexed H. E. OTT | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV	DATUM-M.L.L.W.	
6+00		21 33	71	14 2		47° R SIDE OF SLOPE
			21	19 2		63° R TOP OF SLOPE
			17	19 4		73° R
7+00			96	11 7	℄ P.E. R/W DG 161	
			97	116		3 7 R TOP OF SLOPE
			144	69		20 6 R BOTTOM OF SLOPE
			137	76		28 6 R TOE OF SLOPE
			76	131		46 3 R SIDE SLOPE
			16	197		65° R TOP OF SLOPE
			16	197		75° R
T.P.	991	21 88	936	11 97		
8+00			100	119	℄ P.E. R/W DG 161	
			101	118		45 R TOP OF SLOPE
			143	78		20 4 R BOT OF SLOPE
			132	87		29° R TOE OF SLOPE
			75	144		45° R SIDE OF SLOPE
			19	200		62 8 R TOP OF SLOPE
			19	200		72 8 R
9+00			96	123	℄ P.E. R/W DG 161	
			96	123		32 R TOP OF SLOPE
			126	93		20° R BOTTOM OF SLOPE

76L-298 CE 307 11-58

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM-M.L.L.W.	
		21 88				
9+00			127	92		25 5/R BREAK
			121	98		30° R TOE OF SLOPE
			61	158		46° R SIDE OF SLOPE
			19	200		63 2/R TOP OF SLOPE
			21	198		73 2/R
10+00			94	125	℄ PE. R/W PG. 161	
			96	123		3 5/- R TOP OF SLOPE
			114	105		117 R BREAK
			130	89		27 4/- R BREAK
			125	94		30 3/R TOE OF SLOPE
			78	141		45° R SIDE OF SLOPE
			21	198		62 7/R TOP OF SLOPE
			21	198		72 7/R
B.C. 10+20.93			94	125	℄ PE. R/W PG 161	
			95	124		3 4/R TOP OF SLOPE
			117	102		11° R BREAK
			129	90		27 2/R BREAK
			126	93		30° R TOE OF SLOPE
			77	142		44 5/R SIDE OF SLOPE
			25	194		61 8/R TOP OF SLOPE

Profile Notes Red _____ Plotted _____ Job No. 8910.74 Division No. 11
No. _____ Date _____ Date _____ Survey of MARINA DEL REY
X-Sec. Notes Chkd _____ Checked _____ Survey by UHARRIET Notes T.C.P. Date 12-21-61
No. _____ Date _____ Date _____ Map No. _____ Indexed H. E. OTT Date _____

F.B. 2629 Pg. 189

76L-298 CE 307 11-58

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F.B. 2624 Pg. 190 Job No. 8910.74 Division No. 11 Notes Red Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by WARRIET Notes PETERSON Notes Chkd. Checked No.
Indexed H. E. OTT Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV	DATUM - M.L.L.W.	
B.C. 10+20.93		21 88				
			25	19 4		7.1 8 R
T.P.	7 70	20 33	9 25	12 63		
11+00			7 6	12 7	℄ P.E. R/W pg. 161	
			7 3	12 4		6.5 R. top slope
			11 6	8 7		17.5 R bot. slope
			11 0	8 1		29.0 R toe slope
			6 4	13 7		45.5 R side slope
			1 2	18 1		61.1 R top slope
			1 1	18 2		71.1 R
12+00			7 2	13 1	℄ P.E. R/W pg. 161	
			7 8	12 5		7.0 R top slope
			11 8	8 5		18.5 R bot. slope
			10 8	9 5		29.0 R toe slope
			5 7	14 6		44.5 R side slope
			1 3	19 0		60.5 R top slope
			1 2	19 1		70.5 R
13+00			6 8	13 5	℄ P.E. R/W pg. 161	
			7 4	12 9		7.0 R top slope
			10 0	10 3		16.0 R bot.
			10 9	9 4		28.5 R toe slope

76L-296 CE 307 11-58

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Profile No. ____ Notes Red ____ Plotted ____ Job No. 8910.74 Division No. 11 F.B. 2624 Pg. 191
X-Sec. No. ____ Date ____ Date ____ Survey of MARINA DEL REY
Notes Chkd. ____ Checked ____ Survey by Wharmet Notes Wharmet Date 12-22-61
Date ____ Date ____ Map No. ____ Indexed H. E. OH Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
		20 33				
13+00			6 0	14 3		43.2 R. side slope
			1 1	19 2		59.7 R top slope
			1 4	18 9		69.7 R
14+00			6 5	13 8	℄ P.E. R/W pg 161	
			7 2	13 1		7.3 R top slope
			9 8	10 5		16.2 R bot slope
			10 7	9 6		28.3 R toe slope
			6 1	14 2		43.0 R side slope
			1 9	18 4		58.0 R top slope
			1 9	18 4		68.0 R
14+93.80 E.C.			6 2	14 1	℄ P.E. R/W pg. 162	
			6 2	14 1		4.5 R top slope
			10 0	10 3		19.5 R bot slope
			10 4	9 9		27.8 R toe slope
			5 8	14 5		42.9 R side slope
			1 7	18 6		58.0 R top slope
			2 0	18 3		68.0 R
M.D.R.B.M. 54	6 91	19 60	7 64	12 69	M.D.R.B.M. 54 Elev. = 12.78 P.E. R.R. R/W 1850'± W'ly from Lincoln Blvd., 10.15 S'ly from ℄ P.E. R/W, 129.27 E'ly from Co. Eng'r Mon.	

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F.B. 2624 Pg. 192 | Job No. 8910.74 | Division No. 11 | Notes Red ____ Date ____ Plotted ____ Date ____ Profile No. ____ | Survey of MARINA DEL REY | Notes Harriet Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ X-Sec. No. ____ | Survey by H. E. OTT | Indexed ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV	DATUM – M.L.L.W.	
		19 60			marked "M.D.R.5 on ℄ of main channel prod.	
					to N. on S'ly slope of R.R. bed. 4 std. Co.	
					Eng'r B.M. Mon. up 0.2' marked "M.D.R.B.M.54"	
					F.B. 2649 – 23 (This B.M. has been disturbed	
					by construction equipment in the area)	
15+00			5 4	14 2	℄ P.E. R/W pg. 162	
16+00			5 2	14 4	℄ P.E. R/W pg. 162	
			5 3	14 3		4.0R top slope
			9 0	10 5		19.7R bot. slope
			8 9	10 7		28.8R toe slope
			4 7	14 9		43.6 R side slope
			1 0	18 6		55.4R top slope
			1 4	18 2		65.4R
17+00			5 0	14 6	℄ P.E. R/W pg. 162	
			5 1	14 5		4.7 R. top slope
			8 3	11 3		16.6R. bot. slope
			8 2	11 4		28.3R. toe slope
			4 8	14 3		40.4R side slope
			1 3	18 3		51.6 R top slope
			1 2	18 4		61.6 R
18+00			4 6	15 0	℄ P.E. R/W pg. 162	

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Profile Notes Red Plotted Job No. 8910.74 Division No. 11
No. Date Date Survey of MARINA DEL REY F.B. 2624 Pg. 193
X-Sec. Notes Chkd. Checked Survey by Harriet Notes Harriet Date 12-22-61
No. Date Date Map No. Indexed H. E. OTT Date

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.	
		19 60				
18+00			4 7	14 9		4.0 R top slope
			6 1	13 5		10.3 R bot. slope
			6 4	13 2		28.1 R toe slope
			1 6	18 0		45.8 R top slope
			1 7	17 9		55.8 R
T.P.	6 03	21 47	4 16	15 44		
19+00	Did not take this station - Macco Corp. Field offices in this area and grading has not been completed.					
20+00			5 6	15 9	℄ P.E. R/W pg. 162	
			5 6	15 9		4.0 R brk.
			7 0	14 5		30.0 R toe slope
			3 8	17 7		44.2 R top slope
			3 7	17 8		54.2 R
21+00			5 1	16 4	℄ P.E. R/W pg. 162	
			5 1	16 4		4.0 R. brk.
			6 9	14 6		29.9 R toe slope
			3 5	18 0		43.0 R top slope
			3 4	18 1		53.0 R
22+00			4 7	16 8	℄ P.E. R/W pg. 162	
			4 9	16 6		8.0 R brk.

76L-298 CE 307 11-58

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F.B. 2624 Pg. 194 | Job No. 8910.74 | Division No. 11 | Notes Red | Date | Plotted | Date | Profile | No.
Survey of MARINA DEL REY | Date | Date | X-Sec. | No.
Survey by Wharriet Notes Wharriet | Notes Chkd. | Checked | Date
Indexed H. E. OTT | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV	DATUM - M.L.L.W.	
		21 47				
22+00			6 0	15 5		17.0R brk.
			6 4	15 1		29.5R toe slope
			3 9	17 6		41.0R top slope
			3 9	17 6		51.0R
23+00			4 5	17 0	℄ P.E. R/W pg. 162	
			4 6	16 9		4.5R brk.
			6 2	15 3		30.1R toe slope
			3 5	18 0		40.2R top slope
			3 6	17 9		50.2R
24+00			4 5	17 0	℄ P.E. R/W pg. 162	
			4 5	17 0		4.0R brk.
			5 9	15 6		29.0R toe slope
			3 8	17 7		38.2R top slope
			3 5	18 0		48.2R
25+00			4 4	17 1	℄ P.E. R/W pg. 162	
			4 3	17 2		4.0R brk.
			5 5	16 0		28.0R toe slope
			3 8	17 7		36.2R top slope
			3 9	17 6		46.2R
26+00			4 5	17 0	℄ P.E. R/W pg. 162	

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	DATUM - M.L.L.W.	
		21 47				
26+00			4 6	16 9		5.0 R brk.
			4 6	16 9		15.4 R brk.
			5 5	16 0		29.3 R toe slope
			3 8	17 7		36.3 R top slope
			3 8	17 7		46.3 R
T.P.	5 60	22 68	4 39	17 08		
27+00			5 7	17 0	℄ P.E. R/W pg. 162	
			5 7	17 0		4.0 R
			5 7	17 0		10.5 R brk.
			6 6	16 1		27.8 R toe slope
			5 0	17 7		35.8 R top slope
			5 1	17 6		45.8 R
28+00			5 6	17 1	℄ P.E. R/W pg. 162	
			5 6	17 1		4.0 R. brk.
			7 1	15 6		26.3 R toe slope
			5 0	17 7		34.2 R top slope
			5 0	17 7		44.2 R
29+00			5 5	17 2	℄ P.E. R/W pg. 162	
			5 4	17 3		4.0 R brk.
			7 0	15 7		25.5 R toe slope

Profile Notes Red ____ Plotted ____ Job No. 8910.74 Division No. 11
No. X-Sec. ____ Date ____ Date ____ Survey of MARINA DEL REY
No. ____ Notes Chkd. ____ Checked ____ Survey by Charriet Notes Charriet Date 12-22-61
Date ____ Date ____ Map No. ____ Indexed H.E. 011 Date ____

F.B. 2624 Pg. 193

76L-298 CE 307 11-58

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F.B. 2624 Pg. 196 | Job No. 89.10.74 | Division No. 11 | Notes Red | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No.
Survey by Unarried | Notes Chkd. | Checked | X-Sec.
Indexed H. E. OH | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV	DATUM-M.L.L.W.	
		22 68				
29+00			4 6	18 1		34.7R top slope
			4 8	17 9		44.7R
30+00			5 6	17 1	& P.E. R/W pg. 162	
			5 6	17 1		7.5R brk.
			7 0	15 7		25.5R toe slope
			4 4	18 3		36.2R top slope
			4 4	18 3		46.2R
31+00			5 9	16 8	& P.L. R/W pg. 162	
			5 9	16 8		4.0R brk.
			7 5	15 2		26.8R toe slope
			5 0	17 7		36.0R top slope
			5 0	17 7		46.0R
32+00			6 0	16 7	& P.E. R/W pg. 162	
			6 2	16 5		4.0R brk.
			7 6	15 1		26.9R toe slope
			5 4	17 3		36.0R top slope
			5 3	17 4		46.0R
32+75			6 0	16 7	& P.E. R/W pg. 162	
			6 3	16 4		8.5R
			7 1	15 6		18.5R brk.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	DATUM-M.L.L.W.	
		22 68				
32+75			8 4	14 3		29.0R toe slope
			5 4	17 3		36.3R topslope
			6 0	16 7		46.3R
M.D.R.B.M.37			6 52	16 16	M.D.R. B.M.37 Elev. = 16.13 Wire spike (cut spike) in culvert headwall, 49' W. of ℄ Lincoln Blvd., 22' S. of ℄ P.E. R/W, 0.5 mi. S. of Washington Blvd. F.B. 2649-20	

Profile No. ___ Notes Red ___ Plotted ___ Job No. 8910.74 Division No. 11 F.B. 2624 Pg. 197
X-Sec. No. ___ Date ___ Date ___ Survey of MARINA DEL REY
Notes Chkd. ___ Checked ___ Survey by Uharriet Notes Uharriet Date 12-22-61
Date ___ Date ___ Map No. ___ Indexed H. E. OTT Date ___

F. B. 2624 Pg. 198 Job No. 8910.74 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of MARINA DEL REY Date _____ Date _____ No. _____

Survey by Uharriet Notes Uharriet Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Notes Chkd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 8910.74 Division No. 11

Survey of MARINA DEL REY

Survey by UHARRIET Notes J.M.V. Date 1-4-62

Map No. ____ Indexed H. E. OTT Date JAN 16 62

F.B. 2624 Pg. 199

MARINA DEL REY

J.N. 8910.74

JAN. 1962

Cross-sections on Mole #1 from east boundary line (0+00) westerly to 20+56.81. Final cross-sections after dredging fill.

Ref. F.B. 2679
F.B. 2681

Uharriet
Peterson
Duran
Robbins

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

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761-200 CE 807 11-58

12

76L-298 CE 307 11-58

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F.B. 2624 Pg. 200 Job No. 8910.74 Division No. 11 Notes Red Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by HARRIET Notes PETERSON Notes Chkd. Checked
Indexed H.E. OTT Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV	DATUM - M.L.L.W.
B.M.S-32				10 02	B.M.S-32 Elev. = 10.02 spike in top of bulkhead, Stg. 54+74±, F.B. 2679-94
0+00					Intersection ℄ of Mole #1 & east bdry. line of Mole #1, F.B. 2681-9
0+00.50				10 00	℄ L & Tag, F.B. 2681-9
0+01				99	℄ Mole #1
				99	88' R
				100	176' R
				10 02	176.50 R Tp bulk head
				98	88' L
				99	176' L
				999	176.50' L Tp. bulkhd.
1+00				108	℄ Mole #1
				98	88' R
				97	176' R
				10 02	176.50 R Top BULKHEAD
				98	88' L
				97	176' L
				998	176.50' L TOP BULKHD
2+00				111	℄ MOLE # 1
				99	88' R

LENKER ROD

76L-298 CE 307 11-58

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Profile Notes Red. Plotted Job No. 8910.74 Division No. 11
No. X-Sec. Date Date Survey of MARINA DEL REY
No. Notes Chkd. Checked Survey by J.HARRIET Notes T.C.P. Date 1-4-62
Data Date Map No. Indexed H. E. OTT Date

F.B. 2624 Pg. 201

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM M.L.L.W.	
2+00				99		176'R
				1000		176.50R TOP BULKHEAD
				106	88'L	
				99	176'L	
		LENKER ROD		1000	176.50'L TOP BULKHEAD	
3+00				113		℄ MOLE #1
				104		88'R
				99		176'R
				1000		176.50'R TOP BULKHEAD
				106	88'L	
				99	176'L	
				999	176.50'L TOP BULKHEAD	
4+00				116		℄ MOLE #1
				108		88'R
				100		176'R
				1004		176.50'R TOP BULKHEAD
				105	88'L	
				98	176'L	
				998	176.50'L TOP BULKHEAD	
5+00				117		℄ MOLE #1
				105		88'R

76L-298 CE 307 11-58

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2624 Pg. 202 | Job No. 8910.74 Division No. 11 Notes Red Date Notes Chkd. Date Plotted Date Checked Date Profile No. X-Sec. No.

Survey of MARINA DEL REY
Survey by HARRIET PETERSON Notes
Indexed H.E. OTT Date

STATION	B.S.	H.I.	F.S.	ELEV	DATUM M.L.L.W.	
5+00				100		176'R
				1002		176.50R TOP BULKHD
				101	88'L	
				99	176'L	
				1001	176.50'L TOP BULKHD	
6+00				120		℄ MOLE #1
				108		88'R
				100		176'R
		LENKER ROD		1002		176.50'R TOP BULKHD
				104	88'L	
				99	176'L	
				1002	176.50'L TOP BULKHD	
7+00				126		℄ MOLE #1
				106		88'R
				101		176'R
				1063		176.50'R TOP BULKHD
				108	88'L	
				99	176'L	
				1000	176.50'L TOP BULKHD	
8+00				122		℄ MOLE #1
				107		88'12

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM M.L.L.W.	
8+00				99		176'R
				1001		176.50'R TOP BULKHD
				110	88'L	
				101	176'L	
				1004	176.50'L TOP BULKHD	
9+00		LENKER ROD		123		℄ MOLE #1
				108		88'R
				100		176'R
				1003		176.50'R TOP BULKHD
				103	88'R	
				99	176'R	
				1004	176.50'L TOP BULKHD	
10+00				124		℄ MOLE #1
				110		88'R
				101		176'R
				1007		176.50'R TOP BULKHD
				101	88'L	
				99	176'L	
				996	176.50'L TOP BULKHD	
11+00				125		℄ MOLE #1
				113		88'R

Profile Notes Red Plotted Job No. 8910.74 Division No. 11
No. X-Sec. Date Date Survey of MARINA DEL REY
No. Notes Chkd. Date Checked Date Survey by VHARRIET Notes J.C.B. Date 1-8-62
Map No. Indexed H. E. OTT Date

F.B. 2624 Pg. 203

76L-298 CE 307 11-58

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F.B. 2624 PG. 204 Job No. 89.0.74 Division No. 11 Notes Red Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by HARRIET PETERSON Notes Notes Chkd. Checked No.
Indexed H.E. OTT Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV	DATUM - M.L.L.W.	
11+00				102		176'R
				1003		176.50'R TOP BULKHD
				103	88'L	
				99	176'L	
				999	176.50'L TOP BULKHD	
12+00				127		℄ MOLE #1
				115		88'R
				100		176'R
				1006		176.50'R TOP BULKHD
		LENKEIR ROD		112	88'L	
				99	176'L	
				1004	176.50'L TOP BULKHD	
13+00				127		℄ MOLE #1
				114		88'R
				101		176'R
				1006		176.50'R TOP BULKHD
				110	88'L	
				100	176'L	
				1004	176.50'L TOP BULKHD	
14+00				130		℄ MOLE #1
				116		88'R

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

Profile Notes Red ____ Plotted ____ Job No. 89 10.74 Division No. 11
No. X-Sec. Date ____ Date ____ Survey of MARINA DEL REY
No. ____ Notes Chkd ____ Checked ____ Survey by V.HARRIET Notes T.C.P. Date 1-8-62
Date ____ Date ____ Map No. ____ Indexed H. E. O. Date ____

F.B. 2624 Pg. 205

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM M.L.L.W.	
14+00				10 0		176'R
				1004		17650'R TOP BULKHD
		LENKER		109	88'L	
				98	176'L	
				1004	176.50'L TO BULKHD	
15+00				131		℄ MOLE #1
				116		88'R
		ROD		101		176'R
				1006		176.50'R TOP BULKHD
				110	88'L	
				98	176'L	
				1005	176.50'L TOP BULKHD	
16+00				131		℄ MOLE #1
				115		88'R
				101		176'R
				1010		176.50'R TOP BULKHD
				111	88'L	
				100	176'L	
				1004	176.50'L TOP BULKHD	
17+00				132		℄ MOLE #1
				115		88'R

76L-298 CE 307 11-58

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F.B. 2624 PG. 206 | Job No. 8910.74 | Division No. | Notes Red | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No.
Survey by HARRIETT PETERSON | Notes | Notes Chkd. | Checked | X-Sec. No.
Indexed H.E.OTT | Date | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV	DATUM M.L.L.W.	
17+00				10 2		176'R
				10 05		176.50'R TOP BULKHD
				11 1	88'L	
				99	176'L	
				10 05	176.50'L TOP BULKHD	
18+00				133		℄ MOLE #1
				116		88'R
				101		176'R
				1006		176.50'R
		LENKER ROD		112	88'L	
				98	176'L	
				1003	176.50'L TOP BULKHD	
19+00				134		℄ MOLE #1
				120		88'R
				100		176'R
				1006		176.50'R TOP BULKHD
				112	88'L	
				99	176'L	
				1006	176.50'L TOP BULKHD	
19+69.71	(½ SEC. LEFT ONLY)			138		℄ MOLE #1
				118	88'L	

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	DATUM M.L.L.W.	
19+69.71				100	176'L	
				1005	176.50'L TOP BULKHD	
20+56.81	(½ SEC. RIGHT ONLY)			140		& MOLE #1
				122		88'R
				99		176'R
				1002		176.50'R TOP BULKHD
BM S-29		LENKER R.O.D		1003	B.M.S-29 Elev. = 10.00 spike in top of bulkhead, Sta. 72+58±, F.B. 2679-94	

Profile Notes Red Plotted Job No. 8910.74 Division No. 11 F.B. 2624 Pg. 207
No. X-Sec. Date Date Survey of MARINA DEL REY
No. Notes Chkd. Checked Survey by VHARRIET Notes T.C.P. Date 1-8-62
Date Date Map No. Indexed H. F. OTT Date

F. B. 2624 Pg. 208

Job No. 8910.74 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of MARINA DEL REY Date _____ Date _____ No. _____

Survey by VHARRIET Notes PETERSON Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-298 CE 307 11-58

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Profile No. ____ X-Sec. No. ____ | Notes Red ____ Date ____ Notes Chkd. ____ Date ____ | Plotted ____ Date ____ Checked ____ Date ____ | 8910.74 Job No. ____ Division No. 11 Survey of MARINA DEL REY Survey by UHARRIET Map No. ____ | F.B. 2624 PG. 209 Notes T.C.P. Date 1-25-62 Indexed H. E. OTT Date FEB 5 '62

MARINA DEL REY

J.N. 8910.74

JAN. 1962

CROSS-SECTIONS ON MOLE # 5
FROM WEST BOUNDRY LINE (0+00)
EASTERLY TO 13+00
FINAL CROSS SECTIONS AFTER DREDGING
FILL

REF. F.B. 2679
F.B. 2681

PETERSON
DURAN
TOLLISON
ROBBINS

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

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700 Los Angeles County Engineering Bldg.

761-298 CE 307 11-58

76L-298 CE 307 11-58

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700 Los Angeles County Engineering Bldg.

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Do not extend notes this side of this line.

F.B. 2624 Pg. 2/0 Job No. 8910.74 Division No. 11 Notes Red Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by HARRIET PETERSON Notes Chkd. Checked
Indexed H. E. OTT Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV	DATUM. M.L.L.W
BM S-11				10.08	B.M. S-11 ELEV = 10.08 SPIKE IN TOP OF BULKHEAD, STA 292 ±59±, FB 2679-28
0+00					INTERSECTION ℄ OF MOLE #5 ℄ WEST BDRY LINE OF MOLE #5 F.B. 2681-21
0+00.58				9.94	NOTE: THIS SECTION TAKEN ALONG TOP OF BULKHEAD, PARALLEL TO W. PROPERTY LINE ℄ L℄ TAG, FB 2681-21
				9.96	101.94' R TOP BULKHD
				9.98	203.88' R " "
				9.99	101.94' L TOP BULKHD
				10.00	203.38' L
0+01				99	NOTE: SECTION TAKEN ALONGSIDE OF WALL ON DIV. PARALLEL TO WEST PROPERTY LINE ℄ MOLE #5
				100	101.9' R
				98	203.4' R
				100	101.9' L
				100	203.4' L
1+05				101	NOTE: SECTIONS FROM HERE ON ARE 90° TO ℄ MOLE #5 ℄ MOLE #5
				101	88' R
				100	176' R
				99.8	176.50' R TOP BULKHD
				106	88' L
				91	176' L
				100.0	176.50' L TOP BULKHD

LENKER ROD

76L-298 CE 307 11-58

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700 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.	DATUM M.L.L.W.	
8+00				139		℄ MOLE #5
				120		88'R
				99		176'R
				994		176.50'R TOP BULKHD
				123	88'L	
		LENKER		100	176'L	
				990	176.50'L TOP BULKHD	
9+00				141		℄ MOLE #5
				123		88'R
				99		176'R
				991		176.50'R TOP BULKHD
		ROD		122	88'L	
				99	176'L	
				993	176.50'L [illegible] BULKHD	
10+00				139		℄ MOLE #5
				124		88'R
				99		176'R
				995		176.50'R TOP BULKHD
				122	88'L	
				99	176'L	
				995	176.50'L TOP BULKHD.	

Profile Notes Red ____ Plotted ____ Job No. 8910.74 Division No. 11 F.B. 2624 Pg. 213
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by UHARRIET Notes T.C.R. Date 1-25-62
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

H. E. OTT

76L-298 CE 307 11-58

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 [redacted] 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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F.B. 2624 PG. 214 | Job No. 8910.74 | Division No. 11 | Notes Red | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No. | X-Sec.
Survey by HARRIET PETERSON | Notes Chkd. | Checked | No.
Indexed H. E. OTT | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV	DATUM M.L.L.W.
11+00				145	℄ MOLE #5
				131	88'R
				100	176'R
				795	176.50'R TOP BULKHD
				125	88'L
				100	176'L
				993	176.50'L TOP BULKHD
12+00		LENKERT ROAD		128	℄ MOLE #5
				132	88'R
				100	176'R
				996	176.50'R TOP BULKHD
				130	88'L
				100	176'L
				997	176.50'L TOP BULKHD
13+00				153	℄ MOLE #5
				133	88'R
				99	176'R
				799	176.50'R TOP BULKHD
				129	88'L
				99	176'L
				993	176.50'L TOP BULKHD

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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STATION	B.S.	H.I.	F.S.	ELEV.	DATUM M.L.L.W
BM 5-8				1001	BM. 5-8 ELEV. 10.04 SPIKE IN TOP OF BULKHEAD, STA. 278+06± FB 2679-28

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8910.74 Division No. 11 F.B. 2624 Pg. 215
Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by UHARRIE Notes T.C.P. Date 1-25-62
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2624 Pg. 216 | 8910.74

Job No. Division No. 11 Notes Red Plotted Profile

Survey of MARINA DEL REY Date Date No.

Survey by HARRIET Notes PETERSON Notes Chkd. Checked X-Sec.

Indexed Date. Date Date No.

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

76L-298 CE 307 11-58

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Profile No. | Notes Red | Plotted | Job No. 8910.74 | Division No. 11 | F.B. 2624 Pg. 217
Date | Date | Survey of MARINA DEL REY
X-Sec. No. | Notes Chkd. | Checked | Survey by Uharriet Notes Peterson Date 1-29-62
Date | Date | Map No. | Index H. E. OTT Date

MARINA DEL REY
J.N. 8910.74
JAN. 1962

Cross-sections on Mole #6 from West boundary line (0+00) easterly to 14+25.40.
Final cross-sections after dredging fill.

Ref. F.B. 2679
F.B. 2681

Uharriet
Peterson
Duran
Robbins

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

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

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76L-228 CE 307 11-58

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	DATUM. M.L.L.W.	
B.M.S-49				9 99	B.M.S-49 Elev.=9.99	Spike in top conc.
					bulkhead Sta.335+68±	F.B.2679-114
0+00					Int. W. P/L Mole #6 & ℄	Mole #6
0+00.58				9 90		℄ L. & Tag, F.B. 2681-24
0+01				98		℄ Mole #6
				99	NOTE: THIS SECTION TAKEN ON DIRT PARALLEL TO WEST PROPERTY LINE	100'R
				99		200'R
				97		307.3'R
				9 90		307.8'R Top BULKHD
				97	[illegible]9'L	
				99	20[illegible]L	
				9 99	203.9'L Top BULKHD	
1+05		LENKER ROD		112	NOTE: ALL SECTIONS FROM HERE ON ARE PERPENDICULAR TO ℄ MOLE #6	℄ MOLE #6
				115		89'R
				114		178'R
				98		266'R
				9 90		266.50'R Top BULKHD
				103	88'L	
				99	176'L	
				9.98	[illegible]6.50'L TOP BULKHD	

F.B. 2624 Pg. 218 Job No. 8910.74 Division No. 11 Notes Red ___ Plotted ___ Profile ___
Survey of MARINA DEL REY Date ___ Date ___ No. ___
Survey by UHARRIET Notes PETERSON Notes Chkd. ___ Checked ___ X-Sec. ___
Indexed H. E. OTT Date ___ Date ___ No. ___

76L-298 CE 307 11-58

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Profile Notes Red. Plotted Job No. 89 10.74 Division No. 11 F.B. 2624 Pg. 21
No. X-Sec. Date Date Survey of MARINA DEL REY
Notes Chkd. Checked Survey by HARRIET Notes TGD Date 1-29-62
No. Date Date Map No. Index Ed. E. OIT Date

STATION	B.S.	H.I.	F.S.	ELEV.	DATUM M.L.L.W.	
2+00				115		℄ MOLE #6
				115		89'R
				107		178'R
				99		266'R
				990		266.50'R TOP BULKHD
		LENKER ROD		110	88'L	
				99	176'L	
				995	176.50'L TOP BULKHD	
3+00				122		℄ MOLE #6
				115		89'R
				107		178'R
				98		266'R
				990		266.50'R TOP BULKHD
				112	88'L	
				100	176'L	
				997	176.50'L TOP BULKHD	
4+00				123		℄ MOLE #6
				117		89'R
				108		178'R
				99		266'R
				990		266.50'R TOP BULKHD

76L-298 CE 307 11-58

PLEASE RETURN TO
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700 Los [illegible]s 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	DATUM M.L.L.W.	
4+00				116	88'L	
				99	176'L	
				996	176.50'L Top BULKHD	
5+00				127		℄ MOLE #6
				120		89'R
				109		178'R
				98		266'R
				984		266.50'R TOP BULKHD
				120	88'L	
				100	176'L	
				997	176.50'L TOP BULKHD	
6+00				126		℄ MOLE #6
				123		89'R
				112		178'R
				99		266'R
				996		266.50'R TOP BULKHD
				116	88'L	
				99	176'L	
				994	176.50'L TOP BULKHD	
7+00				123		[illegible]OLE #6
				121		89'R

LENKER ROD

F.B. 2624 Pg. 220 Job No. 8910.74 Division No. 11 Notes Red Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by H.E. OFF Notes PETERSON Notes Chkd. Checked
Indexed Date Date Date No.

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	DATUM M.L.L.W	
7+00				114		178'R
				99		266'R
				99.6		266.50'R TOP BULKHD
				113	88'L	
		LENKER ROD		99	176'L	
				998	176.50'L TOP BULKHD	
8+00				126		℄ MOLE #6
				118		89'R
				110		178'R
				100		266'R
				997		266.50'R TOP BULKHD
				114	88'L	
				99	176'L	
				996	176.50'L TOP BULKHD	
9+00				127		℄ MOLE #6
				117		89'R
				108		178'R
				99		266'R
				1000		266.50'R TOP BULKHD
				114	88'L	
				99	176'L	

Profile Notes Red Plotted Job No. 8910.74 Division No. 11
No. X-Sec. Date Date Survey of MARINA DEL REY
No. Notes Chkd Checked Survey by UHARRIET Notes T.C.P. Date 1-29-62
Date Date Map No. Indexed H. E. OTT Date

F.B. 2624 PG. 22

76L-298 CE 307 11-58

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F.B. 2624 ZZZ Pg.
Job No. 8910.74 Division No. 11 Notes Red Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by WHARBLET Notes PETERSON Notes Chkd. Checked No.
Indexed H. E. OTT Date Date Date

STATION	B.S.	H.I.	F.S.	ELEV	DATUM M.L.L.W	
9+00				995	176.50'L Top BULKHD	
10+00				128		℄ MOLE #6
				118		89'R
				110		178'R
				100		266'R
				999		266.50'R Top BULKHD
				118	88'L	
				100	176'L	
				998	176.50'L Top BULKHD	
11+00				128		℄ MOLE #6
		LENKER ROD		120		89'R
				107		178'R
				99		266'R
				990		266.50'R Top BULKHD
				119	88'L	
				99	176'L	
				995	176.50'L Top BULKHD	
12+00				127		℄ MOLE #6
				117		89'R
				108		178'R
				99		266'R

76L-288 CE 307 11-58

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.	DATUM M.L.L.W.	
12+00				990		266.50'R TOP BULKHD
				120	88'L	
				100	176'L	
		LENKER ROD		998	176.50'L TOP BULKHD	
13+00				130		℄ MOLE #6
				117		89'R
				112		178'R
				99		266'R
				995		266.50'R TOP BULKHD
				118	88'L	
				100	176'L	
				997	176.50'L TOP BULKHD	
14+00				133		℄ MOLE #6
				123		89'R
				119		178'R
				99		266'R
				994		266.50'R TOP BULKHD
				117	88'L	
				99	176'L	
				997	176.50'L TOP BULKHD.	

Profile Notes Red ____ Plotted ____ Job No. 890.74 Division No. 11 F.B. 2624 Pg. 223
No. X-Sec. Notes Date ____ Date ____ Survey of MARINA DEL REY
No. ____ Notes Chkd. ____ Checked ____ Survey by JHARRIEZ Notes Date 1-29-62
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2624 Pg. 224

Job No. 8910.74 Division No. 11 Notes Red ____ Plotted ____ Profile

Survey of MARINA DEL REY Date ____ Date ____ No. ____

Survey by UHARRIET Notes PETERSON Notes Chkd. ____ Checked ____ X-Sec.

Indexed H. E. UIT Date ____ Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV	DATUM M.L.L.W.	
14+25 40				133		℄ MOLE #6
				127		89'R
				118		178'R
				100		266'R
				995		266.50'R Top BULKHD
B.M. 5-47				1000	BM. 5-47 ELEV. 10.03	SPIKE IN TOP
					OF BULKHEAD STA. 324+25±	FB 2679-14
		LENKER ROD				

Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 8910.12 Tape 0220 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 2-27-62
Date	Indexed H. E. OTT FEB 2 8 '62

F. B. 2624 PG. 225

MARINA DEL REY

J.N. 8910.12

LOCATION OF SERVICE BLDG. IN PLANT TEST AREA

Feb. 27, 1962
English
Shoemaker
Foulger
Dupuis
Tollison
Masuda

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
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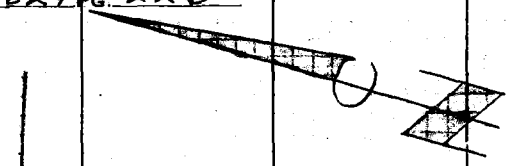
700 Los Angeles County Engineering Bldg.

783095 CE #247—7-53

F.B. 2624 Pg. 226



Cor. Fd. Std. C.E. Br. Cp. mon. Dan. F.B. 2380-14

F.B. 2380-14
49.72

17.2

20.3

9.8

90°

60.2

Location of Wood Service Bldg.

60.2

9.7

20.3

Marina Del Rey Bdry.

"Plant Test Area"

F.B. 2380-14
258.58

Cor. Fd. Std. C.E. Br. Cp. mon. Flush F.B. 2380-13

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

Survey of MARINA DEL REY
JN 8910.06 Tape 0194 Std 68 °F
Surveyed by Uharriet
Notes Uharriet Date 5-8-62
Indexed C. J. GALLI

NOV 21 '62

F. B. 2624 PG. 227

MARINA DEL REY

J.N. 8910.06

MAY 1962

Waterfront development at Administrative facilities

Ref. F.B. 2681

Uharriet
Peterson
Cora
Masuda
Robbins

5-22-62
English
Shoemaker
Wilks
Foulger

Dupuis
Tollison

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

763095 CE #247—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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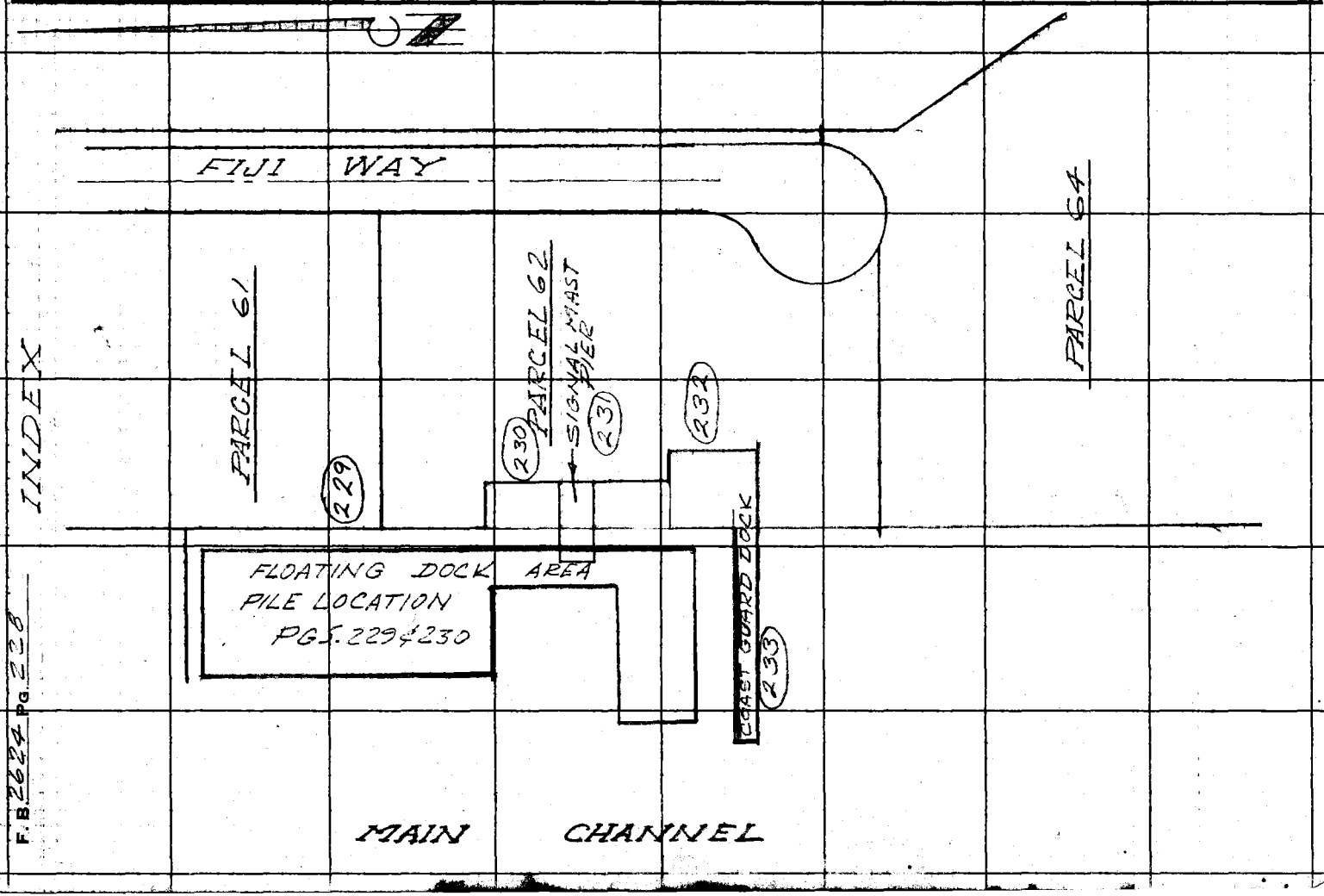

F.B. 2624 Pg. 228

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

Survey of MARINA DEL REY
JN 8910.06 Grape 094 Std 62 °F
Surveyed by HARRIET
Notes FOULGER Date 5-8-62
Indexed R. J. GALLI

F. B. 2624 Pg. 229

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

7-63 CE #247 7-63

MAIN CHANNEL

Fd. Lead & Co. Eng'r tag Top bulkhead F.B. 2681-29

PARCEL G1

3.04
Set 1x2 ¢ N.
5.38
15' off. Pile "A" Set 1x2, N. ¢ T.

Note: Top Pile el.=5°

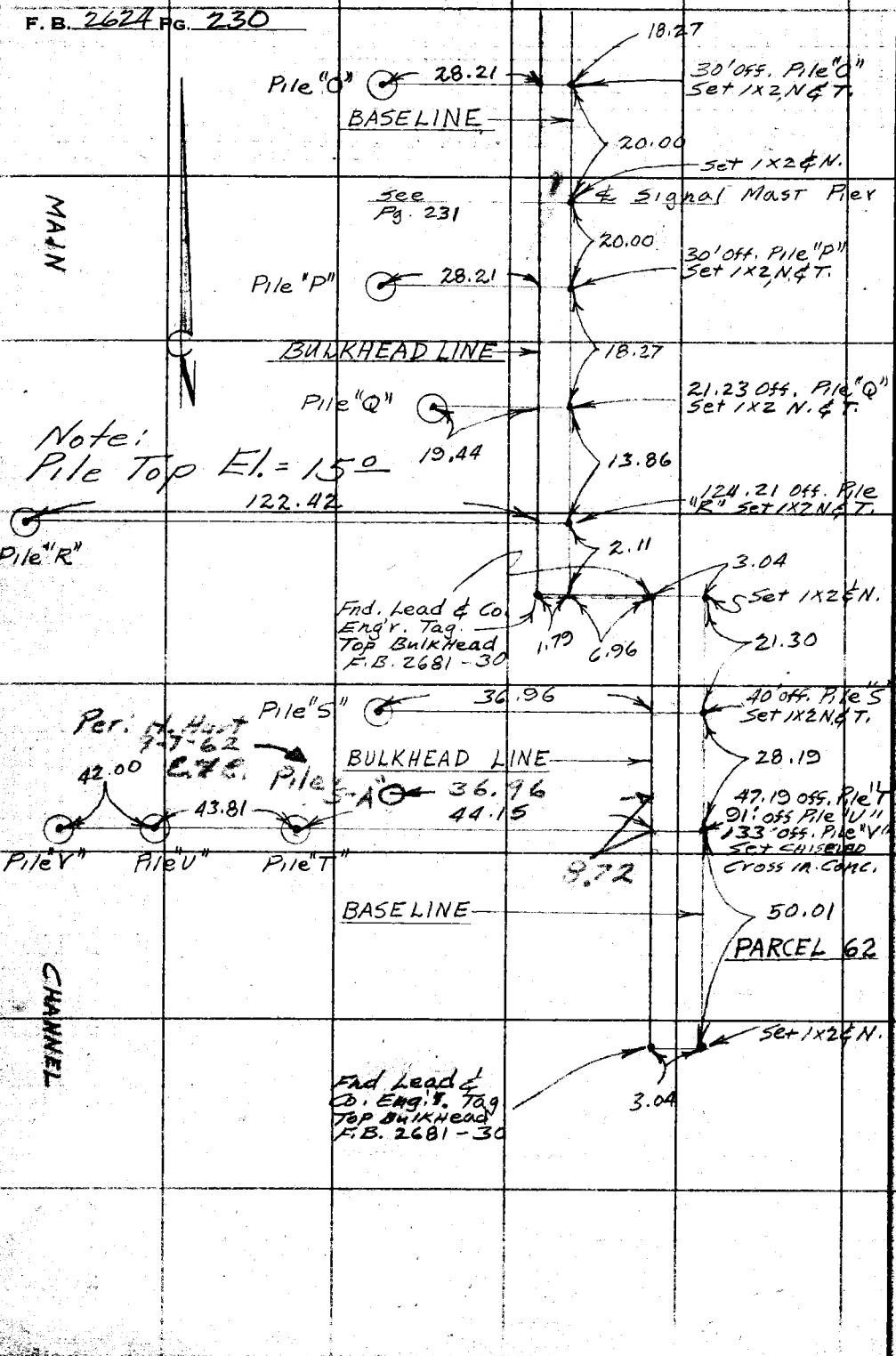
Pile "A"
11.96
20.00
Pile "C" 61.59 Pile "B"
15' off. Pile "B" Set 1x2, N. ¢ T.
39.00
BASE LINE
11.96
15' off Pile "D" Set 1x2, N ¢ T.
Moved 1.33 S. Per Hap Gallner 1.33 5-23-62
16.00
Pile "E" 73.55
76.59 off. Pile "E" Set 1x2 N. ¢ T.
22.00
BULK HEAD LINE
Pile "F" 71.55
74.59 off. Pile "F" Set 1x2, N. ¢ T.
2.00
Pile "G"
15' off. Pile "G" Set 1x2, N. ¢ T.
11.96
18.00
Pile "H" 71.55
74.59 off. Pile "H" Set 1x2 N. ¢ T.
Fnd. Lead & Co. Eng'r. Tag. Top Bulk. Hd. F.B. 2681-30
15.68

Fnd. lead & Co. Eng'r. Tag Top Bulkhead F.B. 2681-30
Set 1x2 ¢ N.
PARCEL G2
3.04
13.21
4.32
89.59 off. Pile "I" Set 1x2 N, ¢ T.
Pile "I" 87.30
2.00
Pile "J" 28.21
30' off. Pile "J" Set 1x2 N ¢ T
18.00
BASE LINE
89.59 off. Pile "K" Set 1x2 N. ¢ T.
Pile "K" 87.80
22.00
BULKHEAD LINE
30' off. Pile "L"
Pile "M" 61.59 28.24
91.59 off. Pile "M" Set 1x2 N ¢ T.
PILE "L"
20.27
21.23 off. Pile "N" Set 1x2 N ¢ T.
Pile "N"
10.44
18.27

Con't. TOP page 230

Con't. bot. Pg. 229

F. B. 2624 PG. 230



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900 Los Angeles County Engineering Bldg.

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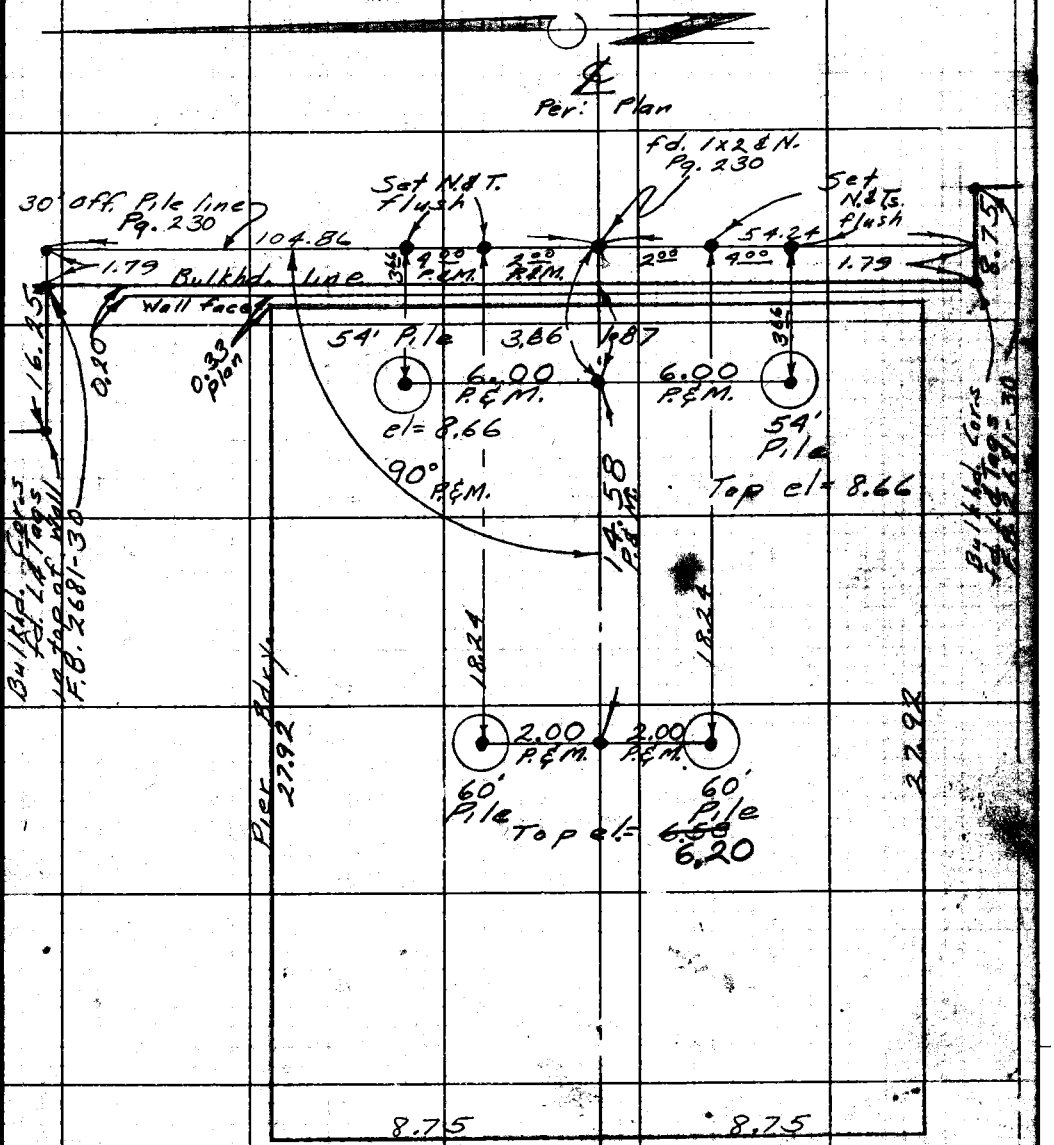
Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 8910.06 Tape 0194 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 5-24-62
Date	Indexed C. J. GALLI

F. B. 2624 PG. 237

SIGNAL MAST PIER



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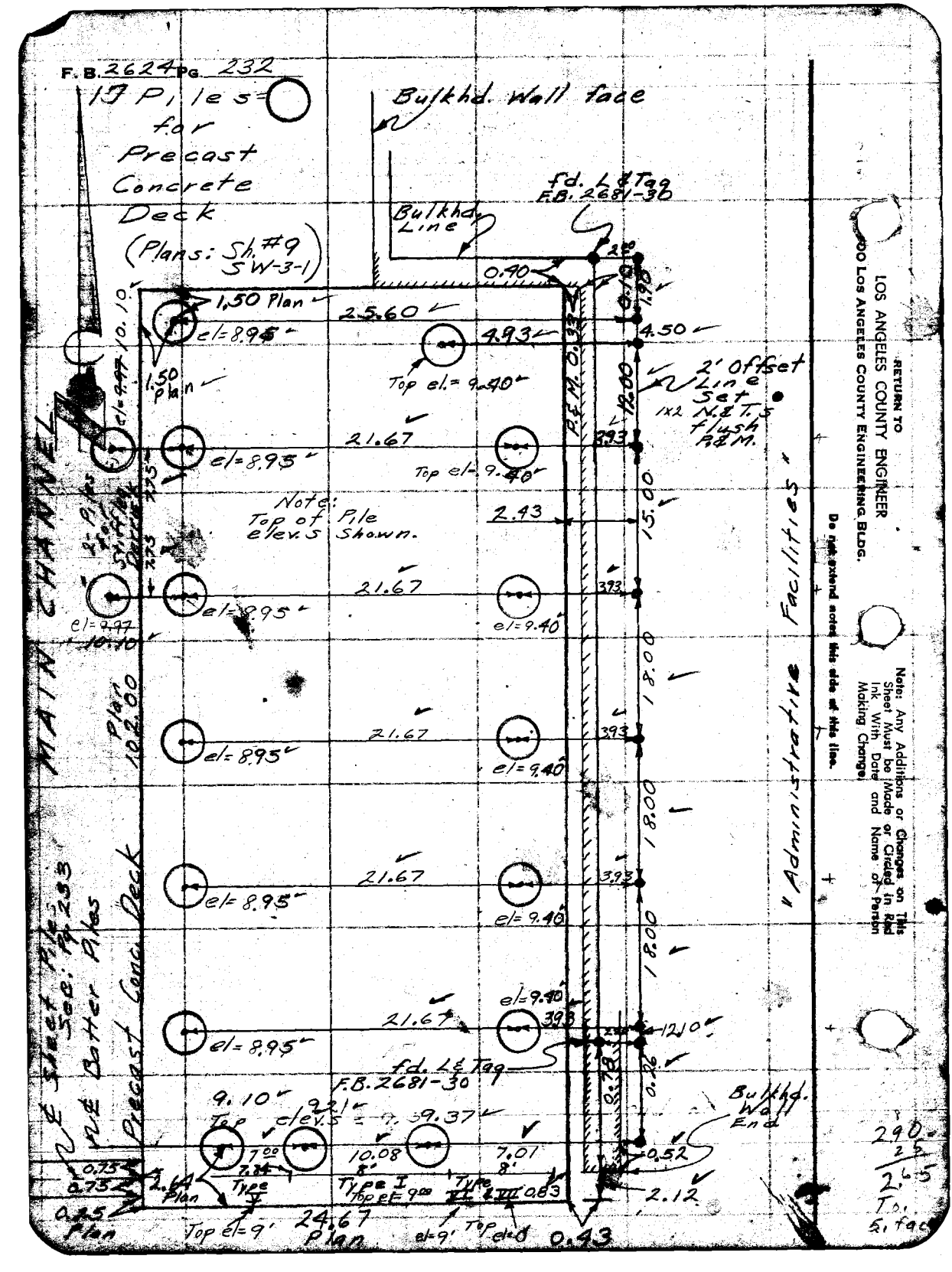
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-58



RETURN TO
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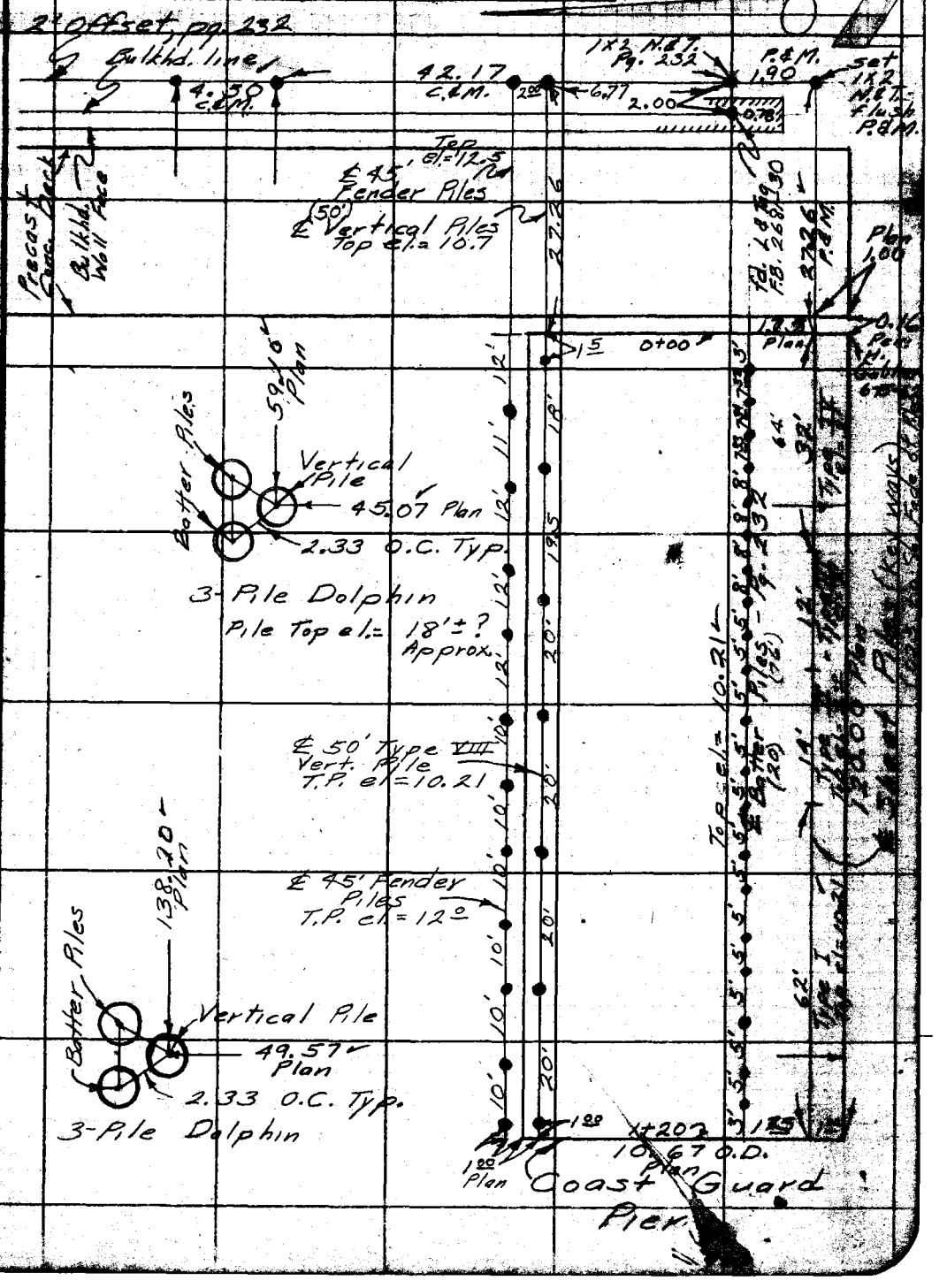
Notes Ck'd by	Survey of Marina Del Rey	F. B. 2624 Pg. 233
Map No.	JN 8910.06 Tape 0194 Std 68 °F	Coast Guard
Office Work	Surveyed by English	Pier Piles
Checked	Notes Ed. Date 6-15-62	(Plans SW-2 & 9)
Date	Indexed C. J. GALLI	



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. 2622 Pg. 234

Profile No. ____ X-Sec. No. ____

Notes Red. ____ Date ____ Notes Chkd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 0739.05 Division No. 11

Survey of Marina Del Rey

Survey by English Notes Ed. Date 7-26-62

Map No. ____ Indexed C. J. CALLI Date NOV 21 '62

F. B. 2624 Pg. 235

MARINA DEL REY

J.N. 0739.05

Parcel 2
So. Calif. Gas Co.
25' Easement
Centerline
Profile

STATION	B. S.	H. I.	F. S.	ELEV.
				Ref: F.B. 2680
		Dupuis	Shoemaker	July 26, 1962
		Tollison	Foulger	English

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

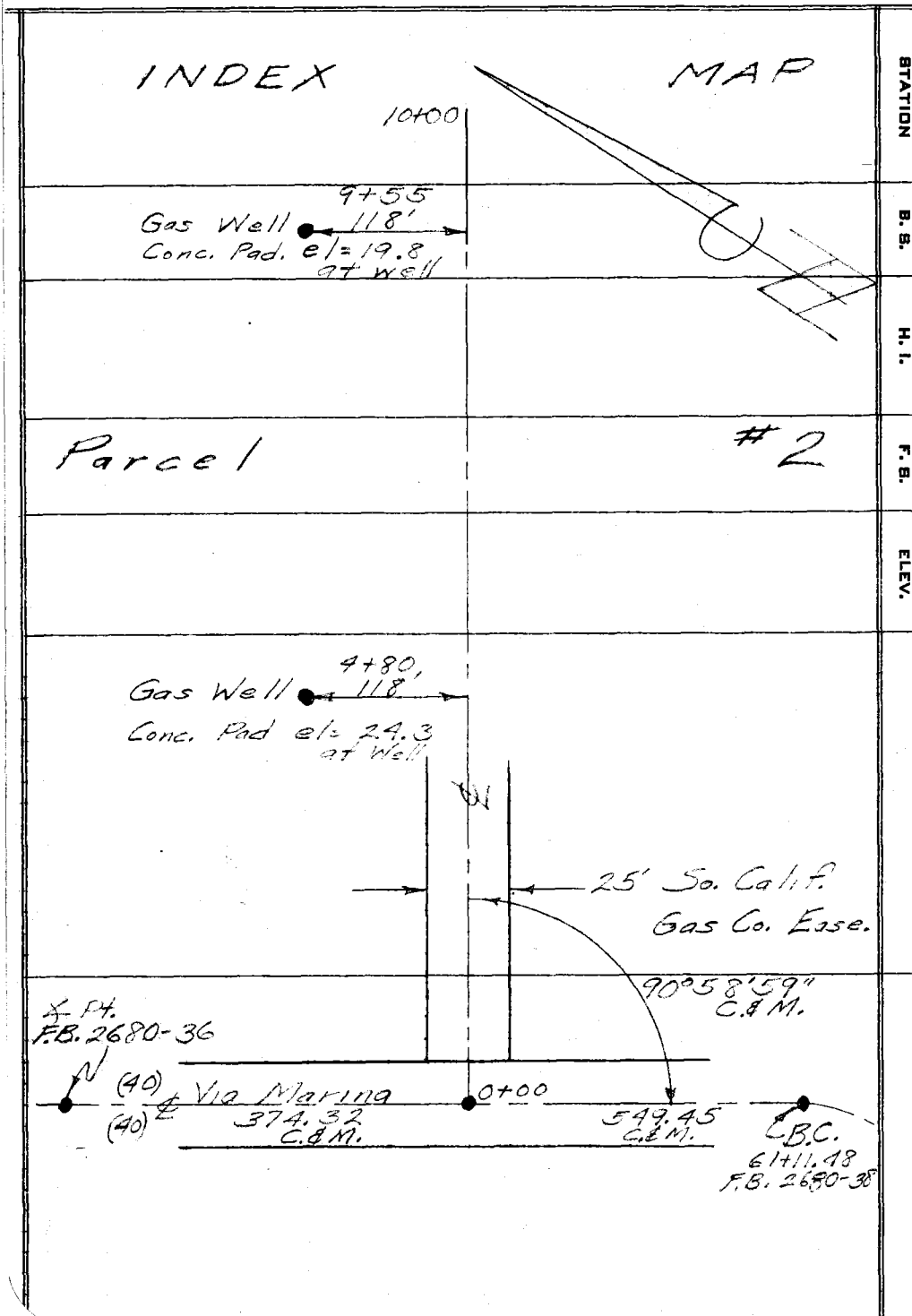
761-295 S & E #307—1-56

F. B. 2624 Pg. 236 | Job No. 0739.05 | Division No. 11 | Notes Red. | Plotted | Profile

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

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

Indexed | Date | Date | Date | No.



76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L-298 S & E #307—1-56

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700 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.	Datum = M.L.L.W. ℄ 25' Easement
fd. B.M. S-37	9 41	19 43		10 02	S-37, el = 10.02, F.B. 2679-94 {S.W. Cor. Basin A
T.P.	5 01	22 48	1 96	17 47	1X2 stake
T.P.	5 15	23 55	4 08	18 40	" "
0+00	10 87	29 32	5 10	18 45	Sec; Pg. 236, Int. ℄ 25' Ease. & ℄ Via Marina
1+00			9 8	19 5	Dirt ℄
2+00			6 9	22 4	" ℄
3+00			2 8	26 5	" Brk. ℄
4+00			3 0	26 3	" ℄ el = 24.3 Pad
T.P. 5+00	5 75	31 77	3 30	26 02	" ℄ 118' L. Off.
6+00			5 2	26 6	" ℄ 4+80 Well
7+00			5 0	26 8	" ℄
8+00			5 2	26 6	" ℄ 9+55 Well
9+00	1 07	26 19	6 65	25 12	" ℄ 118' L. Off.
10+00			3 9	22 3	" ℄ el = 19.8 Pad.
T.P.	1 36	18 67	8 88	17 31	1X2 Stake
			8.69	9.98	
fd. B.M. S-41					S-41, el = 10.01, F.B. 2679-95 {0+01 Bulkhd.

Profile Notes Red. Plotted Job No. 0739.05 Division No. 11 F. B. 2624 Pg. 237
No. Date Date Survey of Marina Del Rey
X-Sec. Notes Chkd. Checked Survey by English Notes Ed. Date 7-26-62
No. Date Date Map No. Indexed Date
C. J. GALLI

F. B. 2624 Pg. 238 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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76L-296 S & E #307—1-56

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

Survey of Marina Del Rey F. B. 262A Pg. 239
JN 8910.05 Tape 0194 Std 68 °F
Surveyed by English
Notes Ed. / Date 8-2-62
Indexed C. J. GALLI NOV 2 1 62

MARINA DEL REY

J.N. 8910.05

Centerline Survey
Parcels G. & H.
in Plant Test Area
(for gas line)

Ref.:
Deed
F.B. 2380
F.B. 2958

Aug. 2, 1962
English
Shoemaker
Foulger
Dupuis
Tollison

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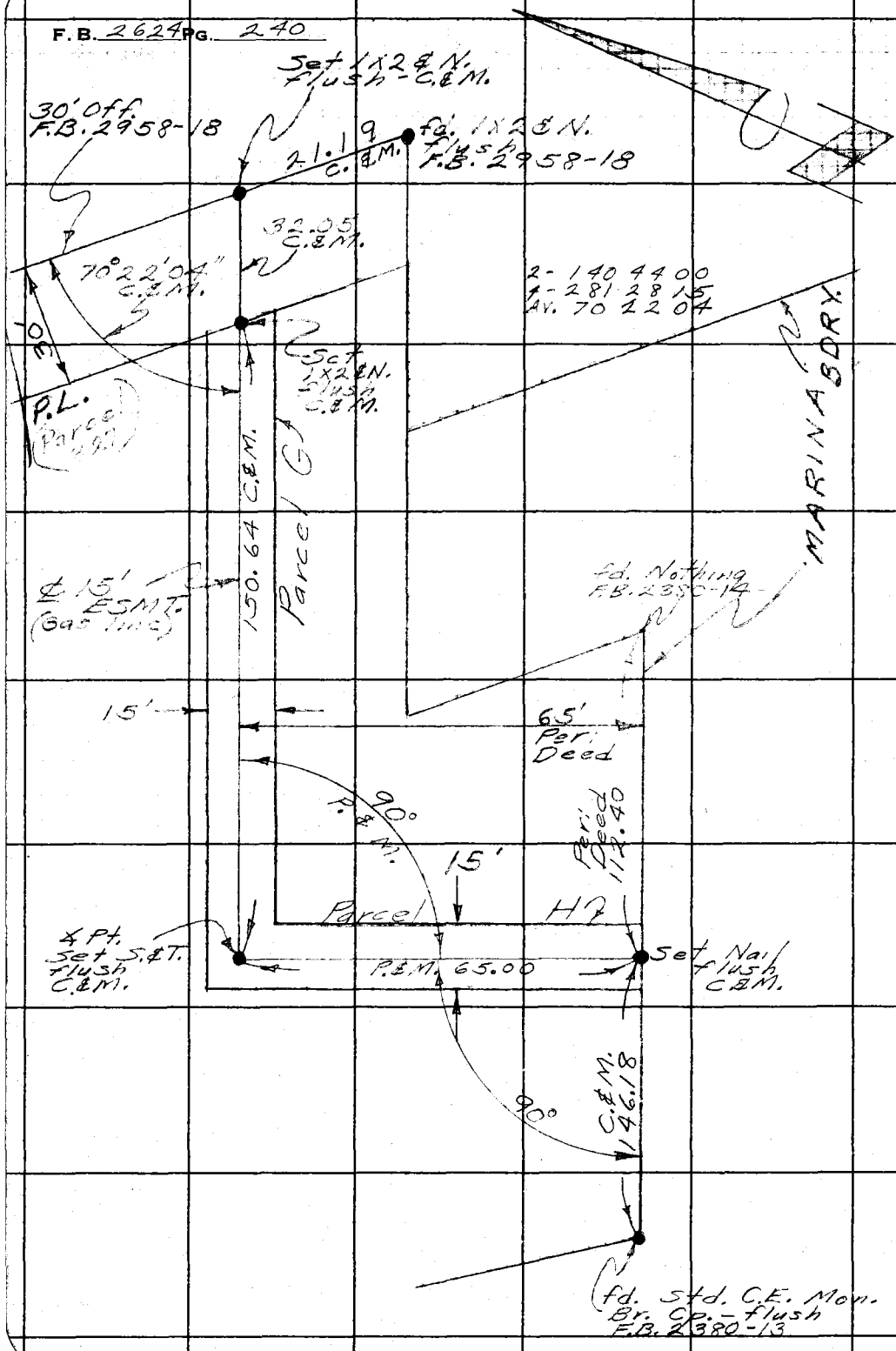
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

783098 CE #247 7-59

F. B. 2624 PG. 240



RETURN TO
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700 Los Angeles County Engineering Bldg.

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Profile No. | Notes Red. | Date | Plotted | Date | Job No. 0739.14 | Division No. 11 | F. B. 2624 Pg. 241
X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of Marina Del Rey | Survey by English Notes Ed. Date NOV 21 62 | Map No. | Indexed C. J. GALLI Date

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.

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

MARINA DEL REY

J.N. 0739.14

CROSS-SECTIONS

along W'ly. Bdry.
of Marina - from: Mole
2¢ prod. - to: Parcel 3

Datum = M.L.L.W.

Nov. 9, 1962
English
Shoemaker
Dupuis
Tollison
Robbins

Ref.
F.B. 2958
Pgs. 20 To 23

75L208 S & E #307 9-54

76L298 S & E #307 9-54

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LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

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Do not extend notes this side of this line.

F.B. 26224 Pg. 242 | Job No. 0739.14 | Division No. 11 | Notes Red. | Plotted | No. | Profile
Survey of Marina Del Rey | Date | Date | No. | X-Sec.
Survey by Engineering Notes Ed. | Notes Chkd. | Checked
Indexed C. J. CALL | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	W'ly. Bdry. of Marina - F.B. 2258-20 To 23
fd. B.M. S-28	10.87	20 89		10 02	S-28, e.l.=10.02, F.B. 2679-40, N.W. Cor. Basin B.
TP			3.29	17.60	
0+00				19.5	Int. ℄ Prod. Mole ℄ Marina Bdry, F.B. 2258-20
				18.2	151' Right, T.B.
				6.8	172' " , T.S. ℄ edge of Canal
1+00				17.5	Marina Bdry
				18.2	167 R Top Brk
				4.1	187 R Toe Slope
				3.6	197 R gnd.
				18 2	121 L Edge Rd.
2+00				17,4	Marina Bdry
				16.6	176 R Top brk
				4.8	200 R Toe Slope
				4.4	210 R Gnd
				17,7	80' L Edge Rd
3+00				17,1	Marina Bdry
				15.4	172 R Top brk
				6.4	199 R Toe Slope
				6.6	209 R Gnd.
				17,3	50' L Edge Rd

Datum = M.L.L.W.
Center of Road Used

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.		
4+00				16.7		Marina Bdry
				15.6		177' R Top Brk
				7.0		215' R Toe of Slope
				7.8		225' R Gnd
				17.0	25' L Edge Rd	
5+00				16.9		Marina Bdry
				15.5		183' R Top Brk
				8.2		215' R Toe of Slope
				8.2		225' R Gnd
				16.7	11' L Edge Rd	
5+80.58				16.6	Angle Pt. Marina Bdry FB 5928-20	
6+00				16.7		Marina Bdry
				15.0		189' R Top Brk
				8.0		119' R Toe of slope
				10.0		129' R Gnd
				16.6	5' L Edge Pvt	
7+00				16.4		Marina Bdry
				14.5		194' R Top Brk
				6.5		224' R Toe of Slope
				7.3		234' R Gnd
				16.2	6' L Edge Rd	

Datum = M.L.L.W. Lonker Rod Used

Profile Notes Red. Plotted Job No. 0739.14 Division No. 11 F. B. 2624 Pg. 243
No. Date Date Survey of Alamitos Bel Kay
X-Sec. Notes Chkd. Checked Survey by English Notes E.S. Date 11-2-62
No. Date Date Map No. Indexed R. J. GALL Date

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.		
8+00		Lenker Rod Used Datum = M.L.L.W.		16.4		Marina Bdry
				13.9		197 R Top Brk
				7.0		223 R Toe of slope
				7.6		233 R Gnd
				16.0	6' L Edge Rd	
9+00				16.1		Marina Bdry
				14.7		200' R Top Brk
				8.4		220 R Toe of slope
				8.2		228 R CTR Ditch
				16.0	6' L Edge Rd	
10+00				15.8		Marina Bdry
				14.0		200 R Top Brk
				9.0		223 R Bot Ditch
				13.2		233 R Side slope
				15.4	6' L	
11+00				15.3		Marina Bdry
				14.0		212 R Gnd Road to W.
				15.4	6 L Edge	
11+48.17				14.9	Int Bndry Line & 2' offset of ℄ of Mole #1 F.B. 2958-21	

F. B. 2624 PG. 244 Job No. 0739.14 Division No. 11 Notes Red. Plotted No. Profile
Survey of Marina Del Rey Date Date X-Sec.
Survey by English Notes Shoemaker Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

Profile Notes Red. Date Notes Chkd. Date
X-Sec. Plotted Date Checked Date
No. Job No. 0739.14 Division No. 11 F. B. 26224 Pg. 245
Survey of Marina Del Rey
Survey by Eglinton Notes E.S. Date 11-2-62
Map No. Indexed G. J. Catt Date

STATION	B. S.	H. I.	F. S.	ELEV.		
12+00				15.3		Marina Bdry
				14.0		200'R Top Brk
				7.8		220R Toe of slope
				8.4		228R CTR Ditch
				15.0	8°L Edge Rd.	
12+37				15.3		Marina Bdry
				16.3		45R Gnd
				15.0		92'R "
				14.3		164'R "
				14.2		201R Top Brk
				7.6		221R Toe of Slope
				8.5		228R Ctr Ditch
13+00				15.2		Marina Bdry
				16.5		45'R Bot Brk
				19.8		60'R Top "
				20.5		100R Gnd
				19.4		132R Top Brk
				13.8		167R Bot
				13.8		200R Top "
				7.1		226R Toe Slope
				6.7		234R Ctr Ditch

Leveled Rod Used
Datum = M.L.L.W.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

F. B. 2624 Pg. 246 | Job No. 0739.14 | Division No. 11

Survey of Marina Del Rey | Notes Red. | Plotted | Profile

Survey by English | Notes | Date | No. | X-Sec.

Indexed C.J. GALLI | Notes Chkd. | Checked | No.

Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.		
13+00				14.9	7' L Edge Rd	
14+00				15.00		Marina Bdry
				16.5		49' R Bot Brk
				20.6		62 R Top "
				22.3		100 R Gnd
				21.2		138 R Top Brk
				13.4		175 R Bot "
				13.7		200 R Top Brk
				8.3		222 R Toe of Slope
				7.3		232 R Gnd
				14.9	7' L Edge Rd	
14+45				15.2		Marina Bdry
				16.2		54' R Bot Brk
				19.2		60 R Top Brk
				18.9		100.0 Gnd
				19.3		128 R Brk
				18.2		175 R Top Brk
				13.7		176
14+48				15.2		Marina Bdry
				16.2		54 R Bot Brk
				19.7		60 R Top "

Lemker Rod Used
Datum = M.L.L.W.

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.		
14+48				20.0		100'R Gnd
				19.8		128'R Top Brk
				13.8		134'R Bot Brk
				13.7		170 R Gnd
15+00				15.2		Marina Bdry
				16.8		40 R Top Brk
				15.0		45 R Bot Brk
				15.3		100R Gnd
				15.8		134R Gnd
				14.5		200.R Top Brk
				7.4		230 R Toe of Slope
				6.3		240 R Gnd
				15.0	7°L Edge Rd	
16+00				15.4		Marina Bdry
				16.1		38'E Top Brk
				15.1		40 R Bot "
				14.7		100 R Gnd
				14.1		202 R Top
				7.1		230R Toe of Slope
				?		240R Oil Sump
16+16.18				15.07	± Angle Pt Marina	Bdry FB 2958-21

Lenker Rod Used
Datum = M.L.L.W.

Profile Notes Red. Plotted Job No. 0739.14 Division No. 11 F. B. 2624 Pg. 241
No. Date Date Survey of Marina Del Rey
X-Sec. Notes Chkd. Checked Survey by English Notes F.S. Date 11-9-62
No. Date Date Map No. Indexed E. J. GALLY Date

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.		
17+00				15.2		Marina Bdry
				14.0		100' R Gnd
				14.3		197 R Top Brk.
				7.4		220 R Toe of Slope
				6.4		230 R Gnd.
				15.1	8.° L Edge Rd.	
18+00				15.5		Marina Bdry
				14.8		100' R Gnd.
				13.6		200' R Gnd in Rd to W
				15.4	8' L Edge Rd	
19+00				16.1		Marina Bdry
				14.7		100' R Gnd
				13.2		205 R Top Brk
				6.8		220 R Toe of Slope
				6.5		230 R Gnd
				15.7	8' L Edge Rd	
19+44				16.0		Marina Bdry
				15.6		61 R Gnd
				14.7		82 R Gnd
				12.9		202 R Top Brk
				6.3		220 R Toe of Slope

Lenker Rod Used
Datum = M.L.L.W

F. B. 2624 PG. 248 Job No. 0739.14 Division No. 11 Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No.
Survey by E. English Notes Shoemaker Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

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.		
19+44				7.0		230 R Gnd
				15.8	8° L Edge Rd	
19+77				16.2		Marina Bdry
				15.7		61' R Top Brk
				8.7		32' R Toe of Slope
				8.1		202' R Top Brk
				6.2		220' R Bot Brk
				6.8		230 R Gnd
				160	8° L Edge Put.	
20+00				16.4		Marina Bdry
				16.3		31 R Gnd
				16.3		65 R Top Brk
				9.0		85 R Toe of Slope
				9.0		100 R Gnd
				16.2	8' L Edge Put	
20+30				16.5		Marina Bdry
				16.8		27' R Bot Brk
				18.8		31 R Top Brk
				16.1		53 R Top Brk
				9.7		85 R Toe of Slope
				9.5		100 R Gnd

Datum = M.L.L.W.
Lenker Rod Used

Profile Notes Red. Plotted Job No 0739.14 Division No 11 F. B. 2624 Pg. 249
No. Date Date Survey of Marina Del Rey
X-Sec. Notes Chkd. Checked Survey by English Notes E.S. Date 11-13-62
No. Date Date Map No. Indexed E. J. GALL Date

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. 2624 Pg. 25 d Job No. 0739.14 Division No. 11 Notes Red. ____ Plotted ____ No. ____ Profile
Survey of Marina Del Rey Date ____ Date ____ No. ____ X-Sec.
Survey by English Notes Shoemaker Notes Chkd. ____ Checked ____
Indexed C.J. GALLI Date ____ Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
21+00		Lenker Road Used Datum = M.L.L.W.		16.8		Marina Bdry
				17.1		27' R Bot Brk
				18.5		31' R Top Brk
				17.7		65 R Top Brk
				7.8		83 R
				6.8		93 R
				16.4	9' L Edge Rd.	
22+00				16.7		Marina Bdry
				17.5		31 R Gnd
				17.7		53 R Top Brk
				7.0		86 R Toe of Slope
				7.0		96 R Gnd
				16.7	9' L Edge Rd	
23+00				16.6		Marina Bdry
				17.2		59 R Top Brk
				9.4		84 R Toe of Slope
				9.5		94 R Gnd
				16.8	9' L Edge Rd.	
24+00				17.2		Marina Bdry
				17.8		55 R Top Brk
				9.3		83 R Toe of Slope

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.		
24+00				9.2		93 Gnd
				17.2	9' L Edge Rd	
25+00				17.6		Marina Bdry
				18.5		55' R Top Brk
				7.3		92' R Toe of Slope
				7.2		100 R Gnd
				17.6	11' L Edge Rd	
26+00				17.6		Marina Bdry
				18.4		55 R Top Brk
				5.2		95 R Toe of Slope
				4.0		105 R Gnd
				17.8	11' L Edge Rd	
26+24.78				17.6	Angle pt Marina Bdry FB 2958-22	
27+00				17.8		Marina Bdry
				17.1		59' R Top Brk
				8.4		88' R Toe of Slope
				6.4		98' R Gnd.
				18.0	11' L. Edge Rd	
27+55				17.9		Marina Bdry
				17.7		58' R Top Brk
				8.4		91' R Toe of Slope

Lenker Rod Used
Datum = M.L.L.W.

Profile Notes Red. ____ Plotted ____ Job No. 0739.14 Division No. 11 F. B. 2624 Pg. 251
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes E.S. Date 11-13-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76L298 S & E #307

LOS ANGELES

28+00		Lenker Rod Used Datum = M.L.L.W		18.0		Marina Bdry
				17.6		77'R Top Brk
				7.6		120'R Toe of Slope
				6.4		130'R Gnd
				18.4	11'L Edge Rd.	
28+58.41				18.2	Angle Pt Marina Bdry F.B. 2958-23	
				16.6		107R Top Brk
				7.5		153R Toe of Slope
				5.5		163R Gnd
				18.3	11'L Edge Rd	
Fnd BM S-37				9.99	S-37 El. 10.02 F.B. 2679-94	S.W. Cor Basin A.

F. B. 2624 Pg. 252 Job No. 0739.14 Division No. 11 Notes Red. Plotted

Survey of Marina Del Rey Date Date

Survey by English Notes Shoemaker Notes Chkd. Checked

Indexed E. J. GALLI Date Date Date