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

F.B. 2679 Pg.

Job	Description
Index	MARINA DEL REY - C.P.'s
0	Levels for sewers No. side of Basin E & F.
6	Sewer loc. & stakes from Sta. 13+00 to 21+00.68.
6	Sewer loc. & stakes from Sta. 0+84. 60 to Sta. 21+43.15.
6	Sewer loc., levels & grades north & south of Basin F.
2	Sewer loc., levels & stakes on north side of Basin C.
3	Sewer loc., levels & stakes north side Basin E.
+	Sewer loc. & stakes from Sta. 2+87 to 26+00.
3	Sewer loc. & stakes from Sta. 1+50 to 25+00.
2	Sewer loc. & stakes from Sta. 2+25 to 22+00.
5	Sewer Levels on north, east, south side Mole 1 to blk. Sta. 0+00.
11	Sewer loc. & stakes from Sta. 1+12.34 to 20+00; Sta. 0+82.10 to 8+10.18 & Sta. 0+64.02 to 16+66. Basin A

Incomplete Jan 86

(cont'd on next page)

F.B. 2679 Pg.

Page	Job	Description
113-138		Sewer loc., levels & stakes on Moles 5 & 6.
139-165		Sewer loc., levels & stakes on Mole 3 & 4.
167-176		Sewer loc. & stakes from Sta. 1+06 to 3+03.23; Sta. 1+00 to 11+82.94; 3+51 to 13+10 and Sta. 0+54.54 to Sta. 3+50. Admiralty Way.
167-194		Sewer loc. & stakes from Sta.9+50 to 11+27; Sta. 0+95.54 to Sta. 5+95.54; Sta. 0+95.49 to 3+99.95; Sta. 1+23 to 8+50; Sta. 0+89.95 to 3+99.95; Sta. 1+00 to 2+73.06 & Sta. 1+04.46 to 3+90.46. Mindanao Way.
195-201		Sewerloc. & stakes from Sta. 6+32.59 to Sta. 20+35.75.
203-208		Sewer loc. & stakes from Sta. 0+43.67 to Sta. 6+85.15.
209-215		Sewer const. stakes-Sta. 1+16.00 to 15+56.96.
217-228		Sewer loc. & stakes from Sta. 7+99.95 to 19+37.05 & Sta. 0+05.41 to 23+46.99.
233-240		Sewer loc. & stakes from Sta. 1+10.00 to Sta. 3+32.56 and Sta. 0+65.14 to Sta. o6+05.00.
241-250		Sewer loc. & stakes from Sta. 0+92.53 to Sta. 26+16.79.

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Notes Ck'd by	Survey of MARINA DEL REY	F. B. 2079 PG. 5
Map No.	JN 0739.01 Tape Std. °F	
Office Work	Surveyed by J. P. MENNE	
Checked	Notes J.P.M. Date	
Date	Indexed H. E. OTT	

INDEX

MARINA DEL REY

SEWERS

CAPITOL PROJECT NO. 8910.76

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76F3095 S&E 1247

F.B. 2679 Pg. 64

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		S-20 to S-23	Page 39
		S-24 to S-28	Page 40
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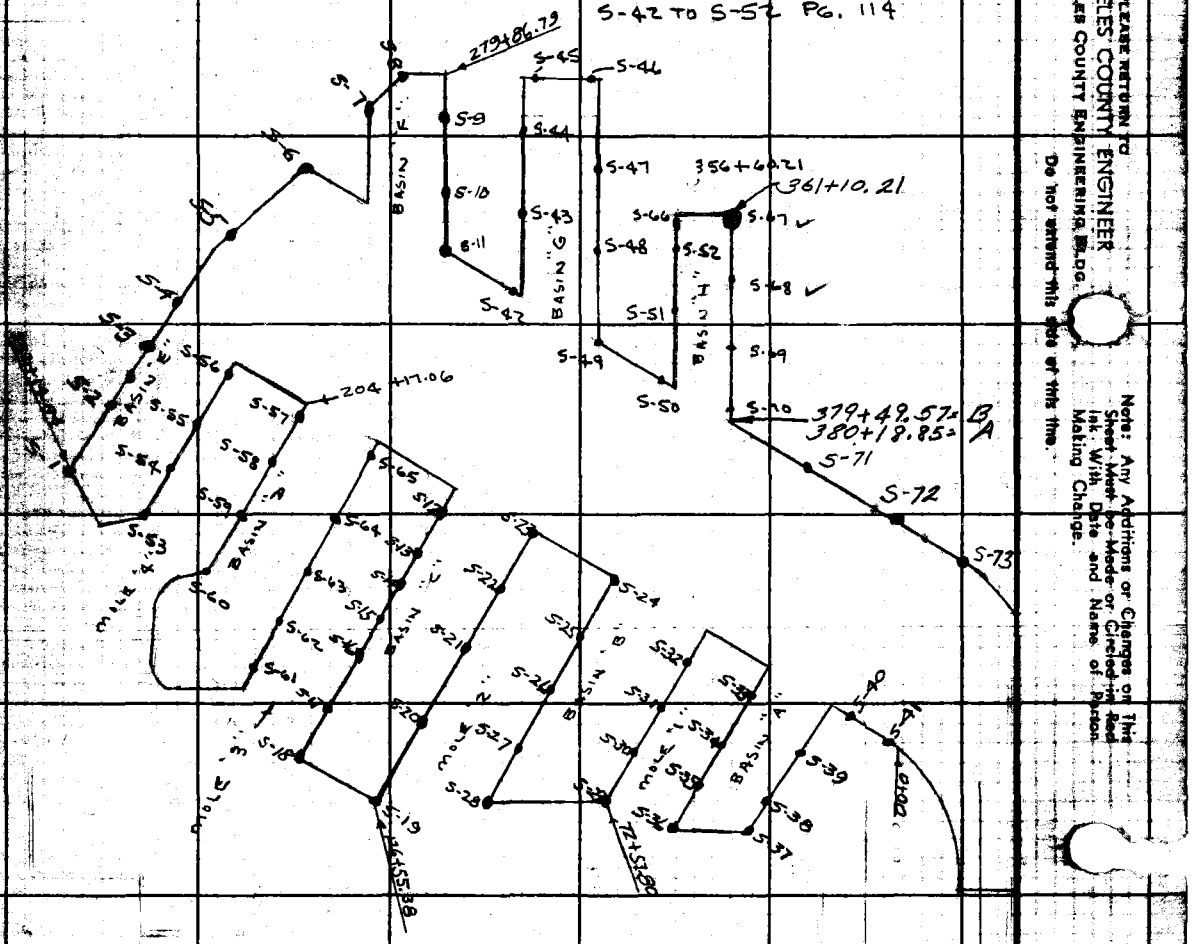
		S-39 to S-41	Page 95
		S-42 TO S-52	Pg. 114

— DATUM —
M.L.L.W.



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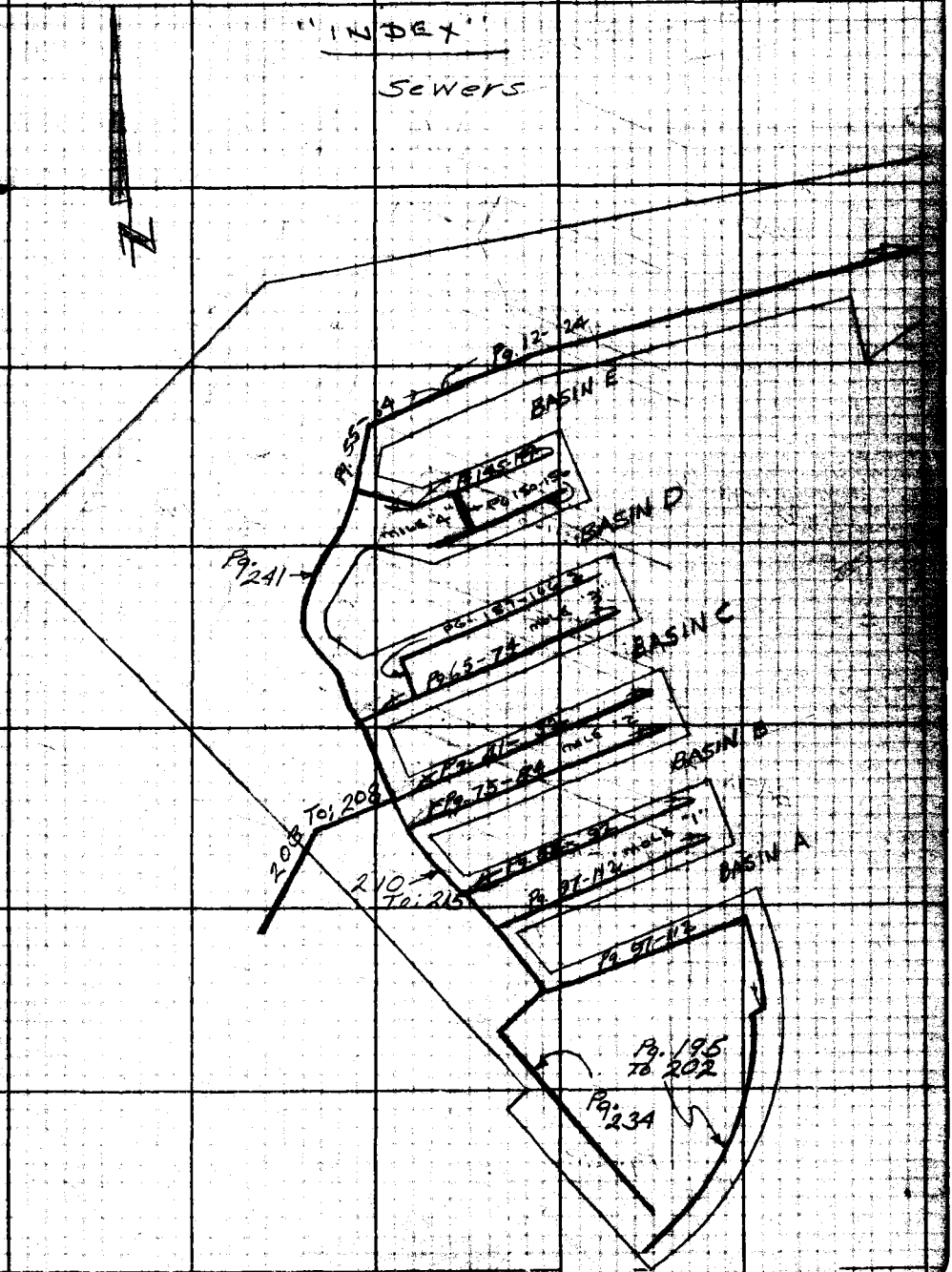
Checked	Notes W. S. VOGE Date	
Date	Indexed H. E. OTT	

"INDEX"

Sewers



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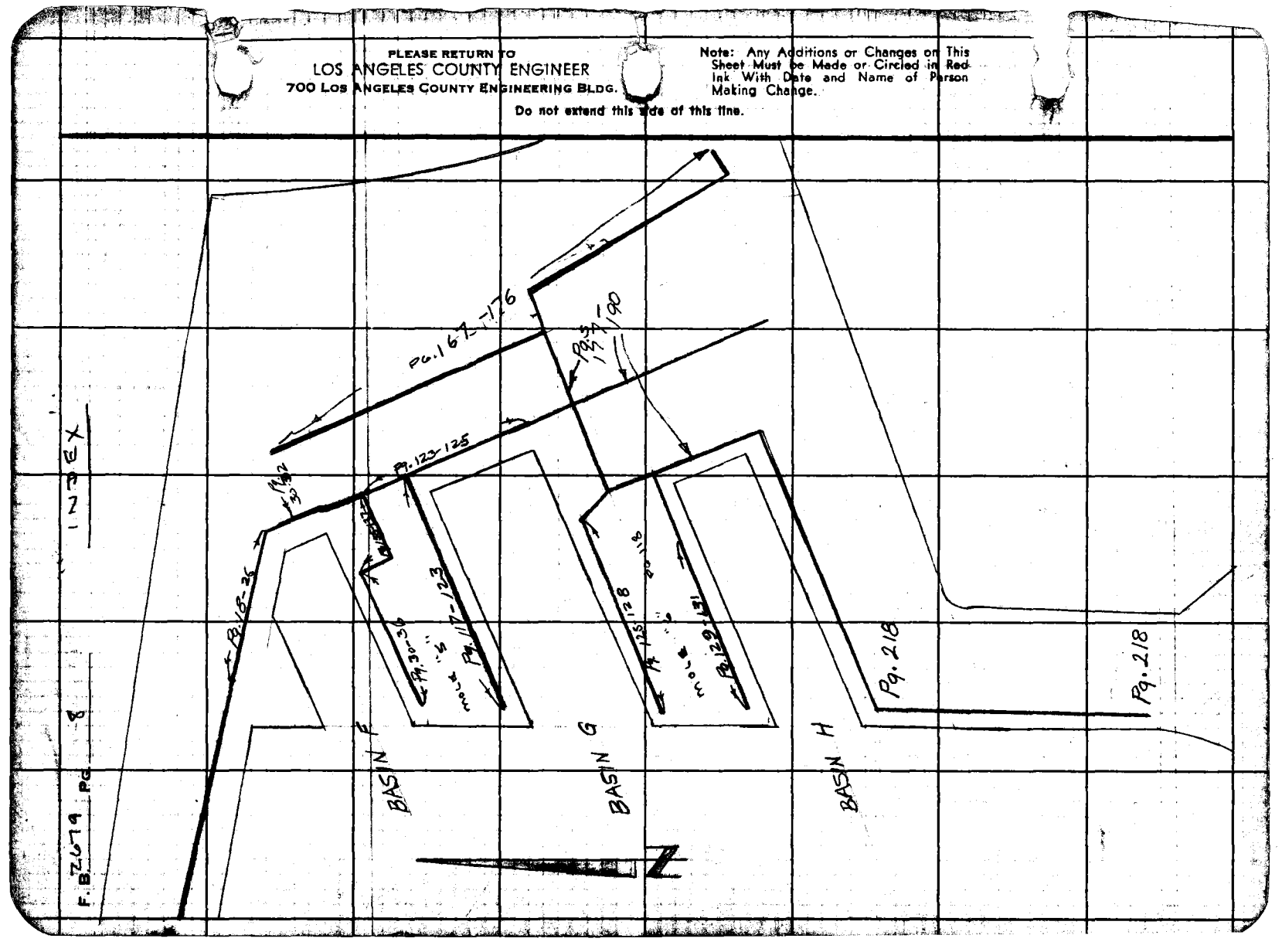

Profile No.	Notes Red	Plotted	Job No. 0739.01	Division No.	F.B. 2679 PG
	Date	Date	Survey of MARINA DEL REY		
X-Sec. No.	Notes Chkd. T.P.	Checked	Survey by J.P. MENNE	Notes J.P.M.	Date 12-27-60
	Date 9-66	Date	Map No.	Index H. E. OTT	Date

LEVELS

FOR

SEWERS

NORTH SIDE OF BASIN "E" E "F"

FR. 244+08.93 TO: 261+82.97

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

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STATION	B.S.	H.I.	F.S.	ELEV.		
(FD) M.D.R. B.M. 55	6 140	15 470		9 330	M.D.R. B.M. 55 - P.E.R.R. R/W 875'± ELY. FROM	
T.P.	5 960	20 685	0 745	14 725	WASHINGTON ST. - 130'± WLY. OF INT. DICKSON ST.	
T.P.	0 750	15 635	5 800	14 885	& OXFORD AVE. & 18'± SLY. OF SPLIT OF RAILS OF	
T.P.	1 530	11 135	6 030	9 605	R.R. TRACK - 10' ELY. OF E. END OF WOODEN TRESTLE	
T.P.	4 500	10 310	5 325	5 810	OVER DRAIN FM. OXFORD AVE. - A STD. CO. ENG. BENCH	
T.P.	4 210	12 290	2 230	8 080	MARK UP 0.3' MKD. M.D.R. B.M. 55 - F.B. 2649-23	
(SET) T.B.M. S-3	2 145	12 180	2 255	10 035	T.B.M. S-3 ADJ. 10.03	BULKHEAD BT. SPK STA. 244+08.93 TOP WALL
T.P.	5 750	13 870	4 060	8 120		
(SET) T.B.M. S-4	3 765	13 795	3 840	10 030	T.B.M. S-4 ADJ. 10.02	BULKHEAD BT. SPK. STA. 251+65.17 TOP WALL
T.P.	4 260	14 890	3 165	10 630		
(SET) T.B.M. S-5	5 650	15 725	4 815	10 075	ADJ. 10.065 T.B.M. S-5	BULKHEAD BT. SPK STA. 256+75± TOP WALL
(SET) T.B.M. S-6	5 660	15 730	5 655	10 070	T.B.M. S-6 ADJ. 10.055	BULKHEAD BT. SPK. STA. 261+82.97 TOP WALL
T.P.	5 365	17 550	3 545	12 185		
T.P.	5 530	18 820	4 260	13 290		
T.P.	6 065	20 325	4 560	14 260		
T.P.	5 095	19 950	5 470	14 855		
(FD.) M.D.R. B.M. 53			4 510	15 440	M.D.R. B.M. 53 EL= 15.42 F.B. 2649-	

F.B. 2649 Pg. 10

Survey of MARINA DEL REY Job No. 0739.01 Division No. Notes Red Plotted Profile

Survey by J.P. MENNE Notes J.B.M. Date Date No. X-Sec.

Indexed H.E. OTT Date Notes Chkd. Checked Date No.

Notes Ck'd by	Survey of MARINA DEL REY	F. B. 2679 PG. 11
Map No.	JN 0739.01 Tape 0194 Std 68 °F	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date 12-29-60	
Date	Indexed H. E. OTT	

SEWER

LOCATION

CAPITOL PROJECT NO. 8910.76

MARINA DEL REY

STATION 13+00 TO 21+00.68

PAGE 45 PER SEWER PLANS.

J.P. MENNE
J.P. McCALL
L.C. LOVE

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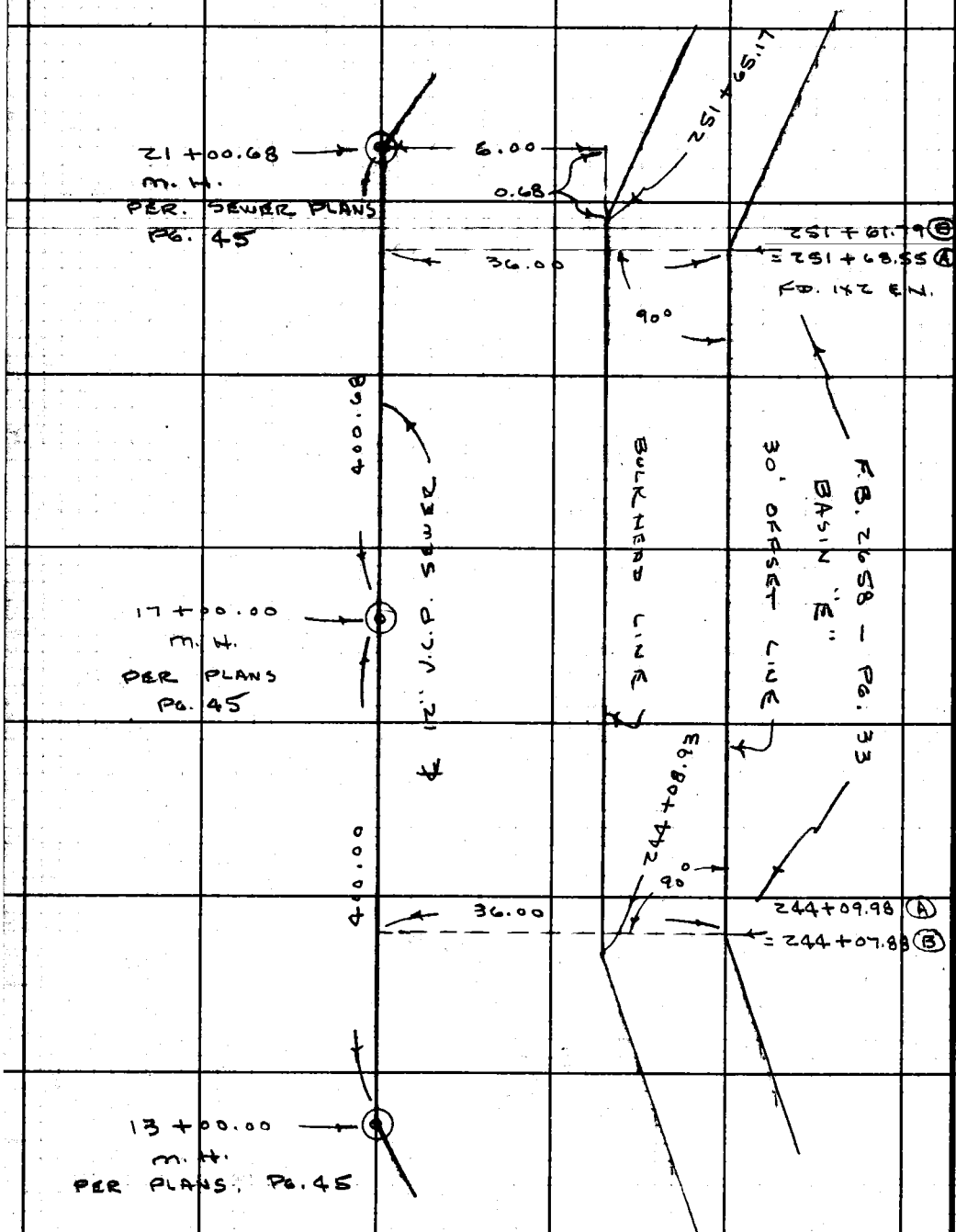

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Profile No. | Notes Red | Plotted | Job No. 8739.01 | Division No. | F.B. 2679 PG. 1
Date | Date | Survey of MARINA DEL REY
X-Sec. No. | Notes Chkd. | Checked | Survey by J.P.MENNE Notes J.P.M Date 12-29-60
Date | Date | Map No. | Index H. E. OTT Date

C.P. No. 8910.76

MARINA

SEWER CONSTRUCTION STAKES

ON

STATION 13+00 TO STATION 21+00.68
PER PLAN PAGE 45

STAKES & TINS 6' LEFT & S.S. FROM 13+00 TO 21+00.68

TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD

12-29-60

J.P.MENNE CHIEF

L.C.LOVE H.C.

G. R.C.

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

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STATION	B.S.	H.I.	F.S.	ELEV.	%	GRADE EL.	CUT		
T.B.M. S-3	130	11 33		10 03				T.B.M. S-3	BULKHEAD STA 244+08.93 - BT. SPK. TOP WALL
13+00	CTR. M.H.								EL.= 10.035 - F.B. 2679-10
13+02			7 90	3 43		1.66	1.77		ADJ.= 10.030
13+25			6 72	4 61		1.69	2.92		
13+50			7 13	4 20		1.72	2.48		
13+75			7 36	3 97		1.75	2.22		
14+00			7 23	4 10		1.78	2.32		
14+25			7 10	4 23	0.12 %	1.81	2.42	1X2 & T. 6' LEFT & SEWER	
14+50			7 03	4 30		1.84	2.46		
14+75			6 97	4 36		1.87	2.49		
15+00			6 90	4 43		1.90	2.53		
15+25			6 89	4 44		1.93	2.51		
15+50			6 77	4 56		1.96	2.60		
15+75			6 73	4 60		1.99	2.61		
16+00			6 69	4 64		2.02	2.62		
16+25			6 70	4 63		2.05	2.58		
16+50			6 70	4 63		2.08	2.55		
16+75			6 63	4 70		2.11	2.59		
16+98	OUTLET		6 58	4 75		2.14	2.61		
17+00	CTR. M.H.								

F.B. 2679 PG. 14

Job No. 0739-01 Division No. Notes Red Plotted Profile

Survey of MARINA DEL REY 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.

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Profile Notes Red____ Plotted____ Job No. 6739.01 Division No.____
No.____ Date____ Date____ Survey of MARINA DEL REY
X-Sec. Notes Chkd.____ Checked____ Survey by L.P. MEANS & Notes L.P.M. Date 12-29-60
No.____ Date____ Date____ Map No.____ Indexed____ Date____

F.B. 2679 Pg. 15

STATION	B.S.	H.I.	F.S.	ELEV.				
		11 33			%	GRADE EL.	CUT	
	0 60	10 63	1 30	10 03				
T.P.								
17+00	CTR. M.H							
17+02	INLET		5 83	4 80		2.14	2.66	
17+25			5 66	4 97		2.17	2.80	
17+50			5 64	4 99		2.20	2.79	
17+75			5 55	5 08		2.23	2.85	
18+00			5 51	5 12		2.26	2.86	
18+25			5 49	5 14		2.29	2.85	
18+50			5 44	5 19		2.32	2.87	
18+75			5 34	5 29		2.35	2.94	
19+00			5 29	5 34		2.38	2.96	
19+25			5 10	5 53		2.41	3.12	
19+50			5 18	5 45		2.44	3.01	
19+75			5 37	5 26		2.47	2.79	
20+00			5 35	5 28		2.50	2.78	
20+25			5 66	4 97		2.53	2.44	
20+50			5 81	4 82		2.56	2.26	
20+75			5 43	5 20		2.59	2.61	
20+98.48	OUTLET		4 91	5 72		2.62	3.10	

0.10 ↓

T. G. LEAT & SEWER
1+42

F.B. 2679 PG. 16

0739.01

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

Survey of MARINA DEL REY 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. _____

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.B.M. S-4		10 63	0 61	10 02	T.B.M. S-4	BULKHEAD STA. 251 +65.17 BT. SPK. TIP WALL F.B. 2679-10 EL = 10.030 ADJ. = 10.020

Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 0739.01 Tape 0194 Std. 68 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 1-4-61
Date	Indexed H. E. OTT

F. B. 2679 PG. 17

SEWER

LOCATION

CAPITOL PROJECT NO. 8910.76

MARINA DEL REY

STATION 0+84.60 PG. 44 PER SEWER PLANS

TO STATION 21+43.15 PGS. 43-42-F

J.P. MENNE
J.P. McCALL
L.C. LOVE
R. SCHULTHESS

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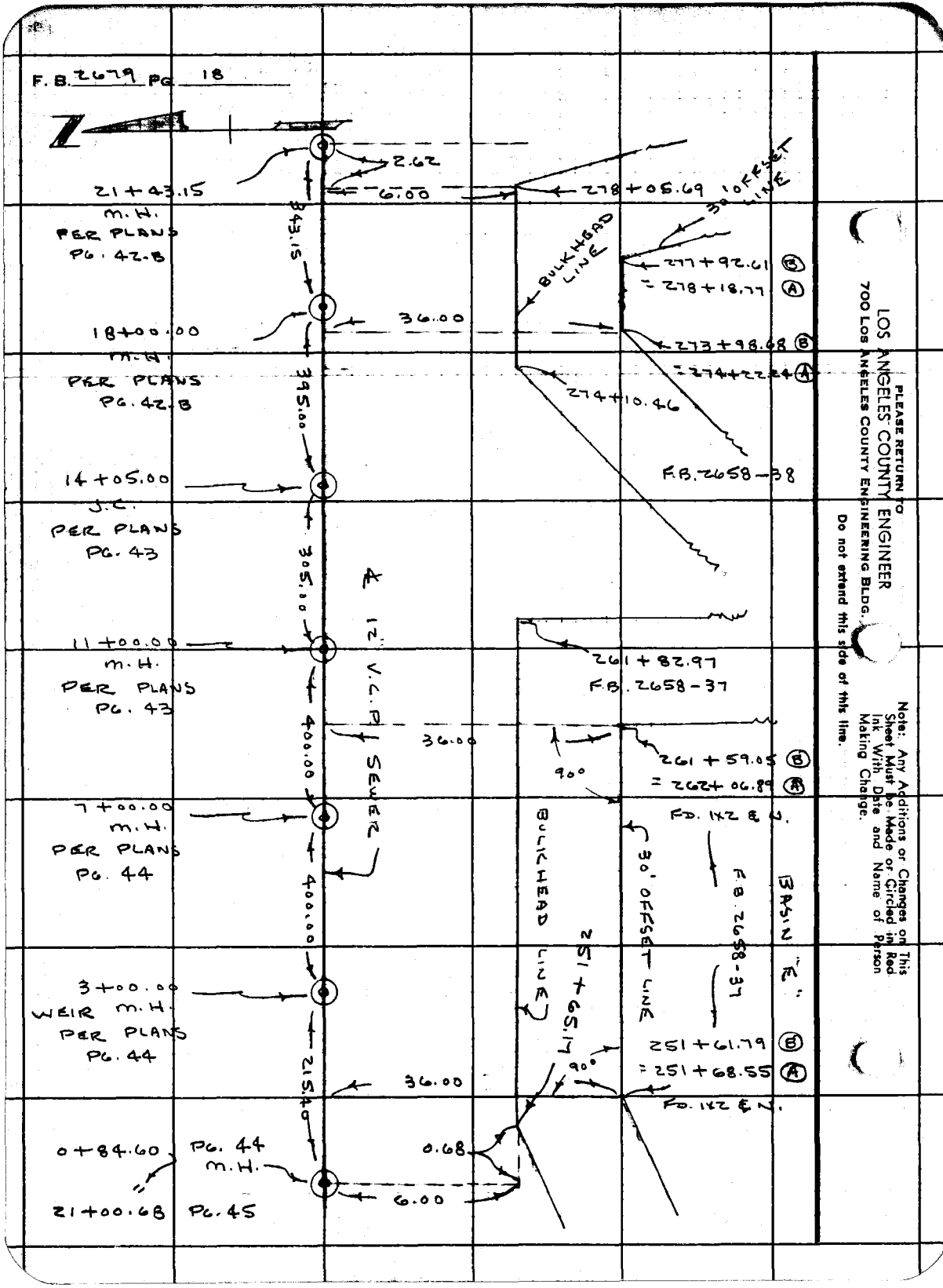

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F.B. 2679 PG. 19

Profile No. ____ X-Sec. No. ____ | Notes Red ____ Date ____ Notes Chkd. ____ Date ____ | Plotted ____ Date ____ Checked ____ Date ____ | Job No. 0739.01 Division No. ____ | Survey of MARINA DEL REY | Survey by J.P. MENNE Notes J.P.M Date 1-3-61 | Map No. ____ Indexed H. E. OTT Date ____

C.P. No. 8910.76

MARINA

SEWER CONSTRUCTION STAKES

ON

STATION 0+84.60 TO STA. 21+43.15

PER PLAN PGS. 42 - 43 - 44

STAKES & TINS 6' LEFT & SEWER FROM 0+84.60 TO 11+00

" " " 12' " " " " 11+00 TO 17+00

" " " 6' " " " " 17+00 TO 21+43.15

TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD

J.P. MENNE

J.P. MC CALL

L.C. LOVE

R. SCHULTHESS

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

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F.B. 2679 Pg. 20 | Job No. 0739.01 | Division No. | Notes Red | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No.
Survey by J.P. MENNE Notes J.P.M. | Notes Chkd. | Checked | X-Sec.
Indexed H.E. OTT | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	% GRADE EL.	CUT		
(RD) T.B.M. S-4	0 25	10 27		10 02				T.B.M. S-4 BULKHEAD STA. 261+65.17 BT. SPK. TOP. WAL EL. = 10.030 F.B. 2679-10 ADJ. = 10.020
0+84.60	CTR. M.H.							
0+86.60	INLET		4 83	5 44	2.62	2.82		
1+00			5 54	4 73	2.64	2.09		
1+25			5 54	4 73	2.67	2.06		
1+50			5 47	4 80	2.70	2.10		
1+75			5 37	4 90	2.73	2.17		
2+00			5 23	5 04	2.76	2.28		
2+25			5 10	5 17	2.79	2.38		
2+50			5 04	5 23	2.82	2.41		
2+75			5 06	5 21	2.85	2.36		
2+98	OUTLET		5 01	5 26	2.88	2.38		
3+00	CTR.	M.H						
3+02	INLET		4 98	5 29	2.88	2.41		
3+25			5 02	5 25	2.91	2.34		
3+50			5 20	5 07	2.94	2.13		
3+75			5 15	5 12	2.97	2.15		
4+00 T.P.	5 66	10 79	5 14	5 13	3.00	2.13		
4+25			5 61	5 18	3.03	2.15		
4+50			5 44	5 35	3.06	2.29		

0.12% TO 0.12% — 1X2 & TIES — 6' LEFT — ℄ SEWER

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.				
		10 79			%	GRADE EL	CUT	
4+75			5 50	5 29		3.09	2.20	
5+00			5 49	5 30		3.12	2.18	
5+25			5 37	5 42		3.15	2.27	
5+50			5 28	5 51		3.18	2.33	
5+75			5 05	5 74	0.12%	3.21	2.53	1+2 TINS 6' LEFT & SEWER
6+00			4 94	5 85		3.24	2.61	
6+25			4 82	5 97		3.27	2.70	
6+50			4 70	6 09		3.30	2.79	
6+75			4 66	6 13		3.33	2.80	
6+98	OUTLET		4 57	6 22		3.36	2.86	
7+00	CTR. M.H							
7+02	INLET		4 58	6 21		3.36	2.85	
7+25			4 61	6 18		3.39	2.79	
7+50			4 78	6 01	0.12%	3.42	2.59	
7+75			4 85	5 94		3.45	2.49	
8+00 T.P.	4 78	10 84	4 73	6 06		3.48	2.58	
8+25			4 73	6 11		3.51	2.60	
8+50			4 82	6 02		3.54	2.48	
8+75			4 81	6 03		3.57	2.46	
9+00			4 65	6 19		3.60	2.59	

Profile Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 1-3-61
No. ____ Date ____ Date ____ Map No. ____ Index H.E. OTT Date ____

F.B. 2679 PG. 21

76L-298 CE 307 11-58

0.78 10.06

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STATION	B.S.	H.I.	F.S.	ELEV.	%	GRADE EL.	CUT	
		10 84						
9+25			4 67	6 17		3.63	2.54	
9+50			4 79	6 05		3.66	2.39	
9+75			4 95	5 89		3.69	2.20	
10+00			4 88	5 96	0.12%	3.72	2.24	1x2 & TINS 6' LEFT ℄ SEWER
10+25			4 77	6 07		3.75	2.32	
10+50			4 87	5 97		3.78	2.19	
10+75			4 67	6 17		3.81	2.36	
10+98	OUTLET		4 33	6 51		3.84	2.67	
11+00	CTR M.H.							
11+02	INLET		4 19	6 65		3.84	2.81	
T.P.	9 25	15 96	4 13	6 71				
11+25			7 53	8 43		3.87	4.56	
11+50			5 01	10 95		3.90	7.05	
11+75			4 20	11 76	0.12%	3.93	7.83	
12+00			4 68	11 28		3.96	7.32	
12+25			4 73	11 23		3.99	7.24	
12+50			4 49	11 47		4.02	7.45	
12+75			4 44	11 52		4.05	7.47	
13+00			4 10	11 86		4.08	7.78	
13+25			4 11	11 85		4.11	7.74	

OFFSET LINE CHANGED FROM 6' TO 12' — STA. 11+00 TO STA. 14+05

THIS AREA OUT NOT USED

Profile No. X-Sec. No.
Plotted Date
Notes Red Date
Notes Chkd. Date
Division No.
Job No. 0739.01
Survey of MARINA DEL REY
Survey by J.P. MENNE Notes J.P.M.
Indexed H. E. OTT Date

E.B. 2679 PG. 22

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.

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0739.01 Division No. _____
X-Sec. No. _____ Date _____ Date _____ Survey of MARINA DEL REY
Notes Chkd. _____ Checked _____ Survey by J.P. MENNE Notes R.M. Date 1-4-61
Date _____ Date _____ Map No. _____ Indexed H. E. OTT Date _____

F.B. 2679 Pg. 5

STATION	B.S.	H.I.	F.S.	ELEV.		%	GRADE EL.	CUT	
		15 96							OFFSET LINE CHANGED FROM 6' TO 12' 11+00 TO 14+05 THIS AREA OUT NOT USED
13+50			3 99	11 97			4.14	7.83	
13+75			3 83	12 13		2.0	4.17	7.96	
14+03	OUTLET		3 72	12 24			4.21	8.03	
14+05	CTR. J.C.								
T.B.M. S-6 (FD)			5 90	10 06					T.B.M. S-6 BULKHEAD STA. 261+82.97 BT. SDK TOP WALL EL. - 10.07 ADJ - 10.055 FB. 2679-10
T.B.M. S-6 (FD)	6 36	16 42		10 06					T.B.M. S-6 (DESCRIPT SAME AS ABOVE FB. 2679-10
11+00	CTR. M.H.								
11+02	INLET		9 70	6 72			3.84	2.88	
11+25			8 16	8 26			3.87	4.39	
11+50			5 15	11 27			3.90	7.37	
11+75			4 61	11 81			3.93	7.88	
12+00			5 49	10 93			3.96	6.97	
12+25			5 34	11 08		2.0	3.99	7.09	
12+50			4 90	11 52			4.02	7.50	
12+75			4 94	11 48			4.05	7.43	
13+00			4 76	11 66			4.08	7.58	
13+25			4 65	11 77			4.11	7.66	
13+50			4 53	11 89			4.14	7.75	
13+75			4 46	11 96			4.17	7.79	

12' LEFT & SEWER & TIES

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

F.B. 2679 Pg. 24 | Job No. 0739.01 | Division No. | Notes Red | Plotted | Profile
Survey of MARINA DEL REY | Date | No. | X-Sec.
Survey by L.P. MANNE Notes J.P.M. | Notes Chkd. | Checked | No.
Indexed H.E. OTT | Date | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.	%	GRADE EL.	CUT		
		16 42							
14+03	OUTLET		4 17	12 25		4.21	8.04		
14+05	CTR. J.C.				0.12%				
T.P.	3 97	14 15	6 24	10 18					
(FD) T.B.M. S-5			4 08	10 07				SEWER	T.B.M. S-5 BULKHD. STA. 25675± BT. SPK. TIP WALL EL. = 10.075 ADJ. = 10.065 – F.B. 2679-10
(FD) T.B.M. S-5	4 48	14 55		10 07					T.B.M. S-5 (DESCRIPT ABOVE)
T.P.	5 12	15 29	4 38	10 17					
T.P.	5 97	17 62	3 64	11 65					
14+05	CTR. J.C.								
14+07	INLET		5 43	12 19		4.21	7.98	12" & TINS 12' LEFT	
14+25			5 36	12 26		4.24	8.02		
14+50			5 50	12 12		4.27	7.85		
14+75			5 30	12 32		4.30	8.02		
15+00			5 02	12 60		4.33	8.27		
15+25			5 21	12 41	0.12%	4.36	8.05		
15+50			5 05	12 57		4.39	8.18		
15+75			4 96	12 66		4.42	8.24		
16+00			4 46	13 16		4.45	8.71		
16+25			3 71	13 91		4.48	9.43		

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STATION	B.S.	H.I.	F.S.	ELEV.	%	GRADE EL.	CUT		
		17 62							
16+50			3 72	13 90		4.51	9.39	1X2+TINS 12' LEFT of ℄ SEWER	
16+75			3 51	14 11		4.54	9.57		
17+00			2 85	14 77	0.12%	4.57	10.20		
T.P. (FD)	4 51	15 97	6 16	11 46					
T.B.M. S-6			5 91	10 06					T.B.M. S-6 BULKHEAD STA. 261+82.97 BT. SPK. TOP WALL F.B. 2679-10
									EL = 10.070 ADJ. = 10.055
T.B.M. S-7	5.95	15.99		10.04					T.B.M. S-7 Bulkhead STA. 274+10.46 BT. SPK. Top wall F.B. 2679-28
17+00			1 69	14 30		4.57	9.73		
T.P.	2.60	12.62	5.97	10.02					
17+25			0.89	11.73		4.60	7.13		
17+50			4.47	8.15		4.63	3.52		
17+75			6.32	6 30	0.12%	4.66	1.64	1X2+TINS 6' LEFT ℄ SEWER	
T.P. 17+98	4.69	10.78	6.53	6.09		4.68	1.41		
18+00			CTR.	M.H.		4.68	—		
18+02			4.76	6.02		4.68	1.34		
18+25			4.75	6.03		4.71	1.32		
18+50			4.94	5.84		4.74	1.10		
18+75			5.06	5.72		4.77	0.95		
19+00			4.97	5.81		4.80	1.01		

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0739.01 Division No. ____
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of MARINA DEL REY Survey by J.P. MENNE Notes J.P. Mc Date 1-4-61
Map No. ____ Index H. E. OTT Date ____

F.B. 2679 Pg.

76L-298 CE 307 11-58

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Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile ____
Date ____ Date ____ No. ____
Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____
Date ____ Date ____ No. ____
Survey of ____
Survey by ____
Indexed H. E. OTT

F.B. 2679 PG. 26

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	CUT		
		10.78							
19+25			4.80	5.98		4.83	1.15		
19+50			4.92	5.86		4.86	1.00		
19+75			4.92	5.86		4.89	0.97		
T.P. 20+00	4.65	10.34	5.09	5.69		4.92	0.77		
20+25			4.84	5.50		4.95	0.55		
20+50			4.87	5.47		4.98	0.49		
20+75			4.82	5.52	12%	5.01	0.51		
21+00			4.96	5.38	0	5.04	0.34		
21+25			4.53	5.81		5.07	0.74		
21+41.5			3.76	6.58		5.09	1.49		
21+43.5			CTR. M.H.						
T.B.M. 5-8			0.30	10.04				STKS. & TINS SET 6' LEFT	T.B.M. 5-8 EL=10.04 F.B. 2679-28 Bolthead STA. 278+05± BT spk. Top Wall

F.B. 2679 Pg. 29

Profile No. ____ X-Sec. No. ____ Notes Red ____ Date ____ Notes Chkd. T.P Date 7-66 Plotted ____ Date ____ Checked ____ Date ____ Job No. 0739-01 Map No. ____ Division No. ____ Survey of MARINA DEL REY Survey by J.P. MENNR Notes J.P.M Date 1-5-61 Indexed H. F. OTT Date ____

LEVELS

FOR

SEWERS

NORTH & SOUTH OF BASIN "F"

FR: 274 + 10.46 TO: 292 + 59.21

STATION	B.S.	H.I.	F.S.	ELEV.
			J.P. MENNR J.P. MC CALL L.C. LOUR R. SCHULTHESS	

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F.B. 2679 Pg. 28 — Job No. 0739.01 — Division No. — Notes Red — Plotted — Profile
Survey of MARINA DEL REY — Date — No. — X-Sec.
Survey by L.A.C.E. — Notes A.P.M. — Notes Chkd. — Checked
Indexed H.E. OTT — Date — Date — Date — No.

STATION	B.S.	H.I.	F.S.	ELEV.			
							F.B. 2649-22
(FD) M.D.R. B.M. 53	3 945	19 365		15 42	M.D.R. B.M. 53		
T.P.	3 850	19 225	3 990	15 375			
T.P.	4 235	18 480	4 980	14 245			
T.P.	1 550	13 930	6 100	12 380			
(SET) T.B.M. S-7	4 390	14430	3 890	10 040	T.B.M. S-7	BULKHEAD BT. SPK.	STA. 274+10.46 TOP. WALL
T.P.	5 880	18 265	2 045	12 385			
T.P.	1 595	14 145	5 715	12 550			
(SET) T.B.M. S-8	4 475	14 515	4 105	10,040	T.B.M. S-8	BULKHEAD BT. SPK.	STA. 278+05.69 TOP. WALL
	3 140	15 685	1 970	12 545			
(SET) T.B.M. S-9	3 080	13 075	5 690	9 995	T.B.M. S-9	BULKHEAD BT. SPK.	STA. 282+28 ± TOP WALL
(SET) T.B.M. S-10	1 275	11 285	3 065	10 010	T.B.M. S-10	BULKHEAD BT. SPK.	STA. 286+80 ± TOP WALL
T.P.	2 515	12 775	1 025	10 260			
(SET) T.B.M. S-11	3 245	13 330	2 690	10 085	T.B.M. S-11	BULKHEAD BT. SPK.	STA. 292 +59.21 TOP WALL
T.P.	5 670	13 390	5 610	7 720			
	5 430	14 795	4 025	9365			
(FD) T.B.M. S-6			4 750	10045	T.B.M. S-6	BULKHEAD BT SPK. EL. = 10.070	STA. 261 + 82.97 TOP WALL ADJ. = 10.055

Notes Ck'd by	Survey of MARINA DEL REY	F. B. 2679 PG. 29
Map No.	JN 0T39.01 Tape 0194 Std. 68 °F	
Office Work	Surveyed by J. P. MENNE	
Checked	Notes J:P:M Date 1-9-61	
Date	Indexed H. E. OTT	

SEWER

LOCATION

CAPITAL PROJECT NO. 8910.76

MARINA DEL REY

STATION 1+16.28 TO STA PG. 42

STATION 1+00 TO STA. 11+00 PG. 28 OF SEWER PLANS

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

F. B. 2679 PG. 30

2.62

PER SEWER PLANS PG. 42

3+00

1+16.28 M.H.

PER SEWER PLANS PG.

6.00

℄ 12' V.C.P.

279+86.79
F.B. 2658-39

278+05.69
F.B. 2658-39

6.00

1+00 M.H.

300'

4+00 M.H.

℄ 8' V.C.P.

400'

8+00 M.H.

PER SEWER PLANS PG. 28

BULKHEAD LINE

BASIN "F"

300'

6.00

11+00 M.H.

28.76

292+59.21

F.B. 2658 -

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F.B. 2679 PG. 31

Profile No. ____ X-Sec. No. ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Plotted ____ Date ____ Checked ____ Date ____
Job No. 0739.01 Division No. ____
Survey of MARINA DEL REY
Survey by McCall Notes Mc Date 1-11-61
Map No. ____ Indexed H. E. OTT Date ____

C. P. No. 8910.76

MARINA

SEWER CONSTRUCTION STAKES

ON

STATION 1+16.28 To STA. 3+00

PER PLAN PGS. 42-A 4-77 20

STAKES & TINS SET 6' LEFT

TWO COPIES OF GRADE SHEETS GIVEN INSPECTOR IN FIELD

McCall
Swann
Love
Rigdon

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

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F.B. 2679 Pg. 32

Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile
Survey of ____ Date ____ Date ____ No. ____ X-Sec.
Survey by ____ Notes Chkd. ____ Checked ____ No.
Indexed H.E.OTT Notes ____ Date ____ Date ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	CUT		
T.B.M. S-8	0.52	10.56		10.04					T.B.M. S-8 EL=10.04 F.B. 2679-28 Bulkhead Sta. 278+05 ± BT spk Top Wall
1+16.28			CTR	M.H.					
1+18.28			3.87	6.69		5.09	1.60		
1+25			4.29	6.27		5.10	1.17		
1+50			4.63	5.93		5.13	0.80		
1+75			4.99	5.57		5.16	0.41		
2+00			5.07	5.49	0.12%	5.19	0.30		
2+25			4.87	5.69		5.22	0.47		
2+50			5.00	5.56		5.25	0.31		
2+75			4.47	6.09		5.28	0.81		
3+00			3.18	7.38		5.31	2.07		
T.P.	5.55	11.72	4.39	6.17				STK. THIS SET 6' LEFT	
T.B.M. S-9			1.73	9.99					T.B.M. S-9 Bulkhead Sta 282+28 ± BT spk Top Wall F.B. 2679-28 EL = 9.99

F.B. 2679 Pg. 33

Profile No. ____ X-Sec. No. ____ Notes Red ____ Date ____ Notes Chkd. ____ Date ____ Plotted ____ Date ____ Checked ____ Date ____ Job No. 0739.01 Map No. ____ Division No. ____ Survey of MARINA DEL REY Survey by J.P. MENNE Notes J.R.M. Indexed H. E. OTT Date 1-13+61 Date ____

C.P. No. 8910.76

MARINA

SEWER CONSTRUCTION STAKES

ON

STA. 1+00 TO STA. 11+00

PG. 28 PER SEWER PLANS

STAKES & TINS 6' LEFT & SEWER FROM 1+00 TO 11+00

TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD

J.P. MENNE
J.P. MC CALL
R. SWANN
L.C. LOVE

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.					
(FD) T.B.M. S-9	0 65	10 65		10 00	%	GRADE EL.	CUT		T.B.M. S-9 BULKHEAD STA. 282+28± BT. SPK TOP WALL F.B. 2679-28 EL. - 9.995
1+00	CTR	M.H.							
1+02 T.P.	5 44	9 19	6 90	3 75		1.42	2.33		
1+25	(INLET)		5.44	3 75		1.50	2.25		
1+50			5 41	3 78		1.59	2.19		
1+75			5 37	3 82		1.68	2.14		
2+00			5 35	3 84		1.77	2.07		
2+25			5 24	3 95		1.86	2.09		
2+50			5 05	4 14		1.95	2.19		
2+75			5 00	4 19	0.36%	2.04	2.15		
3+00			4 85	4 34		2.13	2.21		
3+25			4 88	4 31		2.22	2.09		
3+50			4 84	4 35		2.31	2.04		
3+75			4 82	4 37		2.40	1.97		
3+98	OUTLET		4 77	4 42		2.49	1.93		
4+00	CTR	M.H.							
4+02	INLET		4 75	4 44		2.49	1.95		
4+25 T.P.	5 16	9 60	4 75	4 44		2.58	1.86		
4+50			5 20	4 40		2.67	1.73		
4+75			5 16	4 44		2.76	1.68		
5+00			5 24	4 36		2.85	1.51		

1x2 & TINS 6' LEFT & SEWER

Job No. 0739.01 Division No. Notes Red Plotted Profile
Survey of MARINA DEL REY 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.

F.B. 2679 PG. 34

76L-298 CE 307 11-58

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3.93 TO 5.00

STATION	B.S.	H.I.	F.S.	ELEV.					
		9 60			%	GRADE EL.	CUT		
5+25			5 44	4 16		2.94	1.22		
5+50			5 40	4 20		3.03	1.17		
5+75			5 23	4 37		3.12	1.25		
6+00			5 19	4 41		3.21	1.20		
6+25			5 25	4 35		3.30	1.05		
6+50			5 30	4 30		3.39	0.91		
6+75			5 45	4 15	0.36 %	3.48	0.67	1X2 & TTNS 6' LEFT & SEWER	
7+00			5 51	4 09		3.57	0.52		
7+25			5 56	4 04		3.66	0.38		
7+50			5 55	4 05		3.75	0.30		
7+75			5 42	4 18		3.84	0.34		
7+98	OUTLET		5 30	4 30		3.93	0.37		
8+00	CTR	M.H.				—			
T.P.	8 20	12 40	5 40	4 20					
T.B.M. 5-10			2 40	10 00					T.B.M. 5-10 BULKHEAD STA.-286+80 BT. SPK. TOP WALL EL.= 10.01 F.B. 2679-28
T.B.M. 5-10	0.13	10.14		10.01					(Same as above)
8+02			5.34	4.80	0.36 %	3.93	0.87		
8+25			5.13	5.01		4.01	1.00		
8+50			4.70	5.44		4.10	1.34		

Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 1-13-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2679 Page

76L-298 CE 307 11-58

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Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red ____ Date ____ Notes Chkd. ____ Date ____

Division No. ____

Job No. 0739.01

Survey of MORENA DEL REY

Survey by L.P. MENG Notes J.P. McCALL

Indexed H. E. OTT Date ____

T.B. 2679 Pg. 36

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	CUT		
		10.14							
8+75			4.39	5.75		4.19	1.56		
9+00			4.39	5.75		4.28	1.47		
9+25			4.35	5.79		4.37	1.42		
9+50			4.16	5.98	0.36%	4.46	1.52		
9+75			4.03	6.11		4.55	1.56		
10+00			3.79	6.35		4.64	1.71		
10+25			3.62	6.52		4.73	1.79		
10+50			3.58	6.56		4.82	1.74		
10+75			3.69	6.45		4.91	1.54		
10+98			3.49	6.65		5.00	1.65		
11+00			CTR	M.H.		—			
T.B.M. S-11			0.09	10.05					

1 x 2 + Tins 6' left ℄ sewer.

T.B.M. S-11 EL = 10.06 F.B. 2679-36
Bulkhead Sta. 292+59.21
BT. Spk. Top wall

Profile No.	Notes Red	Plotted	Job No. 0739.01	Division No.	F.B. 2679 Pg. 57
	Date	Date	Survey of MARINA DEL REY		
X-Sec. No.	Notes Chkd. T.E.	Checked	Survey by J.P. MENNE	Notes J.P. McCALL	Date 1-10-61
	Date 9-66	Date	Map No.	Indexed H. E. OTT	Date

LEVELS
for
SEWERS
ON
NORTH SIDE OF BASIN "C"

FR: 126+55.38 TO: 148+15 ±

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-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.			
B.M. M.D.R. 67	5.790	13.450		7.66	B.M. MD.R. 67 EL = 766. Marina & 9 ft. Nly. fr. & Prod. Mole #2. BT. spk in N.E. Cor. Conc. footing.		150' wly from W. Bdy. F.B. 2649-27-227
T.P.	6.520	19.320	0650	12.800			
T.P.	5.915	23.015	2.220	17.100			
T.P.	4.205	21.810	5.410	17.605			
T.P.	4.365	20.410	5.765	16.045			
T.P. (SET)	1.000	14.580	6.830	13.580			
T.B.M. S-19	5.960	15.935	4.605	9.975	T.B.M. S-19	Bulkhead BT. spk.	Sta. 126+55.38 Top wall
T.P.	6.100	17.505	4.530	11.405			
T.P. (SET)	0.080	13.145	4.440	13.065			
T.B.M. S-18 (SET)	6.050	16.020	3.175	9.970	T.B.M. S-18	Bulkhead BT. Spk	Sta. 128+35± Top wall
T.B.M. S-17 (SET)	5.300	15.310	6.010	10.010	T.B.M. S-17	Bulkhead Bt. spk.	Sta. 130+15± Top wall
T.B.M. S-16 (SET)	5.615	15.625	5.300	10.010	T.B.M. S-16	Bulkhead BT. spk.	Sta. 133+75± Top wall
T.B.M. S-15 (SET)	3.905	13.905	5.625	10.000	T.B.M. S-15	Bulkhead BT. spk.	Sta 137+35± Top wall
T.B.M. S-14 (SET)	4.010	13.950	3.965	9.940	T.B.M. S-14	Bulkhead BT. spk.	Sta 140+95± Top wall
T.B.M. S-13 (SET)	3.625	13.565	4.010	9.940	T.B.M. S-13	Bulkhead BT. Spk.	Sta. 144+55± Top wall
T.B.M. S-12	2.730	12.695	3.600	9.965	T.B.M. S-12	Bulkhead Bt. Spk.	Sta. 148+15± Top wall
T.P.	3.060	13.005	2.750	9.945			
T.P.	3.810	13.765	3.050	9.955			
T.P.	5.085	15.105	3.745	10.020			
T.P.	4.690	14.705	5.090	10.015			
T.P.			4.690	10.015			

Profile
Plotted ____ Date ____ No. ____
X-Sec. ____ Checked ____ Date ____ No. ____
Notes Red ____ Date ____
Notes Chkd. ____ Date ____
Division No. ____ Job No. 0739.01
Survey of MARINA DEL REY
Survey by J. PIMENTEL Notes J. P. McCALL
Indexed H. E. OTT Date ____
F.B. 2649 Pg. 38

76L-288 CE 307 11-58

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Profile No. X-36 Notes Red Date Notes Ckd. Date Checked Date

Plotted Date Survey of MARINA Survey by J. P. MENNE Map No.

Job No. 9739.01 Division No. 3rd DIST. Notes J. P. MENNE Date 1-10-61 Index H. E. OTT Date

F.B. 2674

STATION	B.S.	H.I.	F.S.	ELEV.		
	5.405	15.420		10.015		
T.P.	4.060	14.035	5.445	9.975		
T.P.	4.520	17.600	0.955	13.080		
T.P.	4.900	16.320	6.180	11.420		
T.P.	4.255	14.240	6.335	9.985		
T.P.	6.520	19.745	1.015	13.225		
T.P.	3.340	19.055	4.030	15.715		
T.P.	6.430	19.760	5.725	13.330		
T.P.	3.470	20.025	3.205	16.555		
T.P.	5.060	20.605	4.480	15.545		
M.D.R. B.M. 68-A			1.570	19.035	M.D.R. B.M. 68-A EL = 19.04	F.B. 2649-289
(FD) T.B.M. S-19	5 545	15.520		9 975	T.B.M. S-19	BULKHEAD STA. 126+55.38 BT. SPK. TOP WALL F.B. 2679-38
T.P. (SET)	1 280	15195	1 605	13 915		
T.B.M. S-20	3 860	13.805	5 760	9945	T.B.M. S-20	BULKHEAD STA. 120+55 ± BT. SPK. TOP WALL
T.P. (SET)	3 560	15 005	2 860	11445		
T.B.M. S-21	4 420	14 410	5 015	9990	T.B.M. S-21	BULKHEAD STA. 114+55 ± BT. SPK. TOP WALL
T.P. (SET)	3 560	15 120	2 850	11 560		
T.B.M. S-22	4 540	14 495	5 165	9 955	T.B.M. S-22	BULKHEAD STA. 108+55 ± BT. SPK. TOP WALL
T.P. (SET)	2 915	15 525	1 885	12 610		
T.B.M. S-23			5 575	9 950	T.B.M. S-23	BULKHEAD STA. 102+55.38 BT. SPK. TOP WALL

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F.B. 2679 Pg. 40
Job No. 0739.01 Division No. Notes Red Date Plotted Profile
Survey of MARINA DEL REY Date No. X-Sec.
Survey by J. PIMENTEL Notes Chkd. Checked No.
Indexed H. E. OTT Date Date Date

STATION	B.S.	H.I.	F.S.	ELEV.		
T.B.M. S-23 (SET)	5 185	15 135		9 950	T.B.M. S-23	
T.B.M. S-24 (SET)	2 160	12 125	5 170	9 965	T.B.M. S-24	BULKHEAD STA. 99+01.38 BT. SPK. TOP WALL
T.P. (SET)	4 080	15 575	0 630	11 495		
T.B.M. S-25	5 665	15 640	5 600	9 975	T.B.M. S-25	BULKHEAD STA. 93+00 ± BT. SPK. TOP WALL
T.P. (SET)	5 215	16 340	4 515	11 125		
T.B.M. S-26	4 460	14 455	6 345	9 995	T.B.M. S-26	BULKHEAD STA. 87+00 ± BT. SPK TOP WALL
T.P. (SET)	4 835	15 345	3 945	10 510		
T.B.M. S-27	5 710	15 695	5 360	9 985	T.B.M. S-27	BULKHEAD STA. 80+00 ± BT. SPK. TOP WALL
T.P. (SET)	2 025	15 050	2 670	13 025		
T.B.M. S-28	4 535	14 560	5 025	10 025	T.B.M. S-28	BULKHEAD STA. 74+69.18 BT. SPK. TOP WALL
T.P.	5 350	18 170	1 740	12 820		
T.P. (FD)	5 395	21 180	2 385	15 785		
M.D.R.B.M. 68-A			2 135	19 045	M.D.R. B.M. 68-A	EL.= 19.04 F.B. 2649-

Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 0739-01 Tape 0194 Std. 68 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date 2-14-61
Date	Indexed H. E. OTT

F. B. 2679 PG. 41

SEWER

LOCATION

CAPITOL PROJECT No. 8910.76

MARINA DEL REY

STA. 2+99.82 TO STA. 25+00

PER SEWER PLANS PGS. 13-14-15

PLUS ADDITIONAL LINE

STA. 1+75 TO 2+97.82 — PG. 15 -B

J.P. MENNE
V.J. VOGT
L.G. LOVE
K. RICDON
R. COSTLOW

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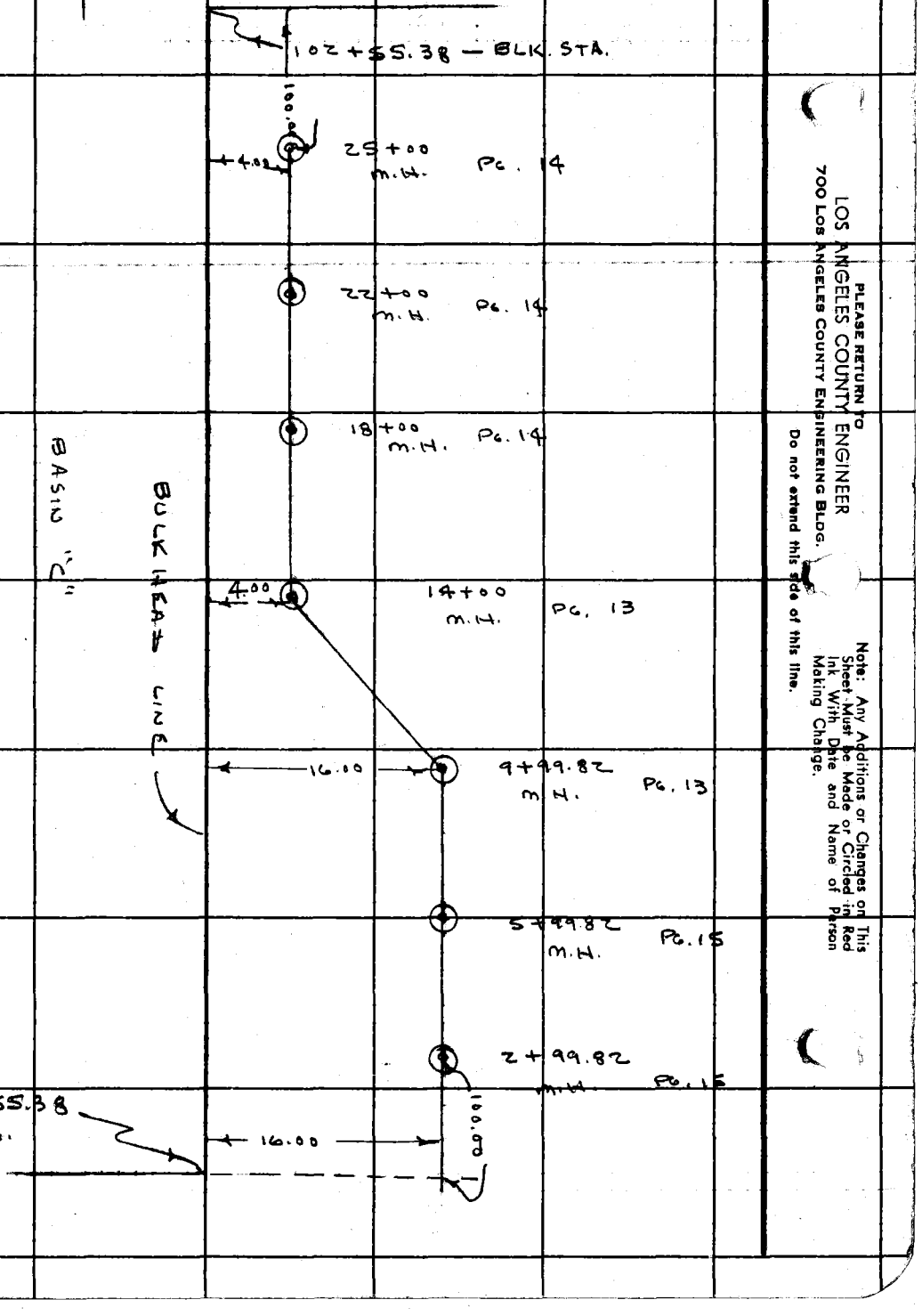
76F3098 S&E #247 11-58

F. B. 2679 Pg. 42



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STATION	B.S.	H.I.	F.S.	ELEV.					
		8 27			%	GRADE EL	CUT		
7+00			5 06	3 21		0.68	2.53		
7+25			4 95	3 32		0.74	2.58		
7+50			4 83	3 44		0.80	2.64		
7+75			4 87	3 40		0.86	2.54		
8+00			4 96	3 31		0.92	2.39		
8+25			4 97	3 30		0.98	2.32		
8+50			5 00	3 27		1.04	2.23		
8+75			5 02	3 25	0.24%	1.10	2.15		
9+00			5 13	3 14		1.16	1.98		
9+25			5 14	3 13		1.22	1.91		
9+50			5 06	3 21		1.28	1.93		
9+75			4 96	3 31		1.34	1.97		
9+97.82	OUTLET		4 96	3 31		1.40	1.91		
9+99.82	CTR. M.H.								
T.P.	10 83	14 15	4 95	3 32					
(FD) T.B.M. S-20			4 22	9 93					T.B.M. S-20 BULKHEAD STA. 120+55± - BT SPK TOP WALL EL- 9.945 F.B. 2679-39
(FD) T.B.M. S-20	4 35	14 29		9 94					T.B.M. S-20 (DESCRIPT. ABOVE)
T.P.	4 98	8 30	10 97	3 32					

(OVER)

1x2 ℄ TINS 6' LEFT ℄ SEWER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of MARINA DEL REY
Notes Chkd. ____ Checked ____ Survey by J. P. MENNE Notes J.P.M. Date 2-14-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2679 PG. 45

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	%	GRADE EL.	CUT	
		8 30						
9+99.82		CTR. M.H.						
10+01.82		INLET	5 00	3 30		1.40	1.90	1+2 ℄ T. 6' LEFT ℄ SEWER
10+25			4 96	3 34		1.46	1.88	
10+50			4 97	3 33		1.52	1.81	
10+75			5 02	3 28		1.58	1.70	
11+00			5 05	3 25		1.64	1.61	
11+25			5 04	3 26		1.70	1.56	
11+50			4 98	3 32	0.24%	1.76	1.56	
11+75			4 85	3 45		1.82	1.63	
12+00			5 09	3 21		1.88	1.33	
12+25			5 08	3 22		1.94	1.28	
12+50			4 74	3 56		2.00	1.56	
12+75			4 90	3 40		2.06	1.34	1+2 ℄ T.S. 6' R. ℄ SEWER
13+00			4 73	3 57		2.12	1.45	
13+25			4 60	3 70		2.18	1.52	
13+50			4 50	3 80		2.24	1.56	
13+75		OUTLET	4 48	3 82		2.30	1.52	
T.P. 13+98	8 66	12 51	4 45	3 85		2.36	1.49	
14+00		CTR. M.H.						
			2 50	10 01				

EL.= 9.99
T.B.M. S-21
BLK. STA. 114+55±

F.B. 2679 PG. 46
0739-01
Job No. Division No. Notes Red Plotted Profile
Survey of MARINA DEL REY 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.

76L-298 CE 307 11-58

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Profile Notes Red. Plotted Job No. 6739.01 Division No.
No. X-Sec. Date Date Survey of MARINA DEL REY
No. Notes Chkd. Checked Survey by J.P. MANNE Notes J.P.M. Date 2-15-61
Date Date Map No. Indexed H.E. OTT Date F.B. 2679 PG.

STATION	B.S.	H.I.	F.S.	ELEV.	USED LENKER ROD			
					%D	GRADE EL	CUT	
(FD) T.B.M. S-21				9 99				T.B.M. S-21 BULKHEAD STA. 114+55± BT. SPK. TOP WALL F.B. 2679-39
14+00		CTR. M.H.						
14+02		INLET		3 84		2.36	1.48	
14+25				3 87		2.42	1.45	
14+50				4 09		2.48	1.61	
14+75				4 50		2.54	1.96	
15+00				4 30		2.60	1.70	
15±25				4 10		2.66	1.44	
15+50				4 01		2.72	1.29	
15+75				4 24		2.78	1.46	
16+00				4 63		2.84	1.79	
16+25				5 06		2.90	2.16	
16+50				5 24		2.96	2.28	
16+75				5 28		3.02	2.26	
17+00				5 53		3.08	2.45	
17+25				5 54		3.14	2.40	
17+50				5 87		3.20	2.67	
17+75				6 06		3.26	2.80	
17+98		OUTLET		6 25		3.32	2.93	
18±00		CTR. M.H.						
18+02		INLET		6 38		3.32	3.06	

0.42%

SEWER "A" 18" RCP

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F.B. 2679 Pg. 48 — Job No. 0739-01 — Division No. — Notes Red — Plotted — Profile
Survey of MARINA DEL REY — Date — Date — No. — X-Sec. No.
Survey by J.P. MAINE — Notes J.P.M. — Notes Chkd. — Checked
Indexed H.E. OTT — Date — Date — Date — No.

STATION	B.S.	H.I.	F.S.	ELEV.	USE LENKER ROD			
					%	GRADE EL	CUT	
18+25				6 64		3.38	3.26	
18+50				6 51		3.44	3.07	
18+75				6 63		3.50	3.13	
19+00				6 38		3.56	2.82	
19+25				6 47		3.62	2.85	
19+50 - T.P.				6 36		3.68	2.68	
19+75				6 29		3.74	2.55	
20+00				6 19		3.80	2.39	
20+25				6 02		3.86	2.16	
20+50				6 13		3.92	2.21	
20+75				6 12		3.98	2.14	
21+00				6 04		4.04	2.00	
21+25				5 97		4.10	1.87	
21+50				5 99		4.16	1.83	
21+75				6 32		4.22	2.10	
21+98		OUTLET		6 23		4.28	1.95	
22+00		CTR. M.H						
22+02		INLET		6 23		4.28	1.95	
22+25				6 21		4.34	1.87	
22+50				6 31		4.40	1.91	

0.24%

12" V.C.P. SEWER

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STATION	B.S.	H.I.	F.S.	ELEV.	USED LENKER ROD				
					%	GRADE EL	CUT		
22+75				6 27		4.46	1.81		
23+00				6 28		4.52	1.76		
23+25				6 44		4.58	1.86		
23+50				6 49		4.64	1.85		
23+75				6 58	0.24%	4.70	1.88	1x2 & T. 6' R. & SEWER	
24+00 T.P.				6 84		4.76	2.08		
24+25				6 84		4.82	2.02		
24+50				6 68		4.88	1.80		
24+75				6 43		4.94	1.49		
24+98		OUTLET		6 25		5.00	1.25		
25+00		CTR. M.H							
T.B.M. S-23				9 95					T.B.M. S-23 EL= 9.950 BULKHEAD STA. 102+55.38 BT. SPK. TOP WALL F.B. 2679-39
	STA. 1+75 TO 2+97.82 — PG. 15-B								
(FD) T.B.M. S-19				9 97					T.B.M. S-19 — F.B. 2679-38
1+75				4 62		-1.81	6.43		
2+00				2 86	1.16%	-1.52	4.38		
2+25				2 68		-1.23	3.91		
2+50				2 44		-0.94	3.38		
2+75				1 98		-0.65	2.63		
2+97.82		OUTLET		2 59		-0.38	2.97		
2+99.82		CTR. M.H.							

Profile Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 2-16-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. UTT Date ____

F.B. 2679 PG. 49

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F.B. 2679 Pg. 50 | Job No. 0739-01 | Division No. | Notes Red | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No.
Survey by J.P. MENNE Notes J.P.M. | Notes Chkd. | Checked | X-Sec.
Indexed H.E. OTT | Date | Date | No.

RE-STAKING SEWER LINE — 2-17-61
STA. 2+99.82 TO STA. 14+00 — PER SEWER PLANS PG. 15-13
STAKES & TINS 4' RIGHT & SEWER
CONTRACTOR WIDENED DITCH KNOCKING OUT STAKES
LENKER ROD USED

STATION	B.S.	H.I.	F.S.	ELEV.	%	GRADE EL	CUT	
(FD) T.B.M. S-19				9 97				T.B.M. S-19 BULKHEAD STA. 126+55.38 BT. SPIK. TOP WALL FB. 2679-38
2+99.82 T.P.		CTR. M.H.						
3+01.82		INLET		2 34		- 0.28	2.62	
3+25				2 31		- 0.22	2.53	
3+50				2 32		- 0.16	2.48	
3+75				2 37		- 0.10	2.47	
4+00				2 88	0.24' TO	- 0.04	2.92	
4+25				3 35		0.02	3.33	
4+50				3 30		0.08	3.22	
4+75				3 19		0.14	3.05	
5+00				2 98		0.20	2.78	
5+25				3 29		0.26	3.03	
5+50				3 51		0.32	3.19	
5+75				3 98		0.38	3.60	
5+97.82		OUTLET		3 99		0.44	3.55	

1½ E T.'S 4' R & SEWER

76L-296 CE 307 11-58

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5.54

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Profile Notes Red Plotted Job No. 0739.01 Division No.
No. X-Sec. Date Date Survey of MARINA DEL REY
No. Notes Chkd. Checked Survey by J.P. MINNE Notes J.P.M Date 2-17-61
No. Date Date Map No. Indexed H. F. OTT Date

F.B. 2679 Pg. 61

LENKER ROD USED

STATION	B.S.	H.I.	F.S.	ELEV.	ROD	GRADE EL	CUT	
5+99.82		CTR. M.H.						
6+01.82	T.P.	INLET		3 94		0.44	3.50	
6+25				3 69		0.50	3.19	
6+50				3 84		0.56	3.28	
6+75				4 20		0.62	3.58	
7+00				4 64		0.68	3.96	
7+25				5 22		0.74	4.48	
7+50				5 30		0.80	4.50	
7+75				5 01		0.86	4.15	
8+00				5 24		0.92	4.32	
8+25				5 68		0.98	4.70	
8+50				4 96		1.04	3.92	
8+75				4 91		1.10	3.81	
9+00				4 71		1.16	3.55	
9+25				4 23		1.22	3.01	
9+50				4 25		1.28	2.97	
9+75				4 59		1.34	3.25	
9+97.82		OUTLET		4 70		1.40	3.30	
9+99.82 (FD)	T.P.	CTR. M.H.						
T.B.M. 5-20				9 93				

1-12" ø T.C. & R. ø SEWER

EL = 9.945 F.B. 2679-39
T.B.M. 5-20 BLK. SPA?
Sta. 6+K, Tp. 4. 120 + 85 ±

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LENKER ROD USED				
(FD) T.B.M. S-20				9 94	%	GRADE EL	CUT		T.B.M. S-20 BLK. STA. F.B. 2679-39 120+55±
9+99.82	T.P.	CTR. M.H.							
10+01.82		INLET		4 75		1.40	3.35		
10+25				4 51		1.46	3.05		
10+50				4 29		1.52	2.77		
10+75				4 66		1.58	3.08		
11+00				4 30		1.64	2.66		
11+25				3 95		1.70	2.25		
11+50				3 77		1.76	2.01		
11+75				3 56	0.24%	1.82	1.74	1x2 & T.S. 4' R. & SEWER	
12+00				3 43		1.88	1.55		
12+25				3 27		1.94	1.33		
12+50				3 56		2.00	1.56		
12+75				4 17		2.06	2.11		
13+00				3 51		2.12	1.39		
13+25				3 64		2.18	1.46		
13+50				3 75		2.24	1.51		
13+75				3 79		2.30	1.49		
13+98		OUTLET		3 76		2.36	1.40		
14+00		CTR. M.H.							EL= 9.990 F.B. 2679-39
(FD) T.B.M. S-21				10 00					T.B.M. S-21 BLK. STA 114+55±

F.B. 2679 PG. 52

Job No. 0739.01 Division No. Notes Red Plotted Profile

Survey of MARINA DEL REY 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.

F.B. 2679 PG. 53

Profile No. ____ X-Sec. No. ____
Notes Red ____ Date ____ Notes Chkd. T.R. Date 9-66
Plotted ____ Date ____ Checked ____ Date ____
Job No. 0739.01 Division No. ____
Survey of Marina Del Rey
Survey by J.P. Menne Notes McCall Date 12-60
Map No. ____ Indexed H.E. OTT Date ____

LEVELS
FOR
SEWERS

North Side of Basin "E"

Fr. 232 + 14.84 To: 244 + 08 ±

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

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STATION	B.S.	H.I.	F.S.	ELEV.		
B.M. M.D.R. 56	4.150	14.600		10.45	• M.D.R. B.M. 56 EL = 10.45 F.B. 2649-23.-220 Washington St. + Oxford Ave. S.W. Cor. of Chain Link fence at cor. of Marina prop. at Washington St. + P.E.R.R. R/W A. Std. Co. Engr. B.M. up 0.3' Mkd.: "M.D.R. B.M. 56"	
T.P.	5.110	14.990	4.720	9.880		
B.M. M.D.R. 57	5.375	15.025	5.340	9.650	• M.D.R. B.M. 57 EL = 9.66 F.B. 2649-24-221 Washington St + Wilson Ave. 90'± Ely. of ℄ int. Washington St. + Wilson Ave. 48'± Sly. of ℄ Washington St. 3'± S.E. of cor. of 6' Chain Link fence around Oxford Drain Basin. Up 0.3' A. Std. Co. Engr. B.M. Mon. Stmpd. "M.D.R. B.M. 57"	
T.P.	4.490	14.610	4.905	10.120		
T.P.	5.330	19.610	0.330	14.280		
T.P.	2.495	15.465	6.640	12.970		
T.B.M. (SET)	3.310	16.130	2.645	12.820	• T.B.M. P.P. # T-4-48-118 50'± N.W. of Bulkhead Std. 232+14.84. Lg. BT. spk in pole up 2°	
T.B.M. S-1	5.825	15.905	6.050	10.080	T.B.M. S-1 Bulkhead Std. 232+14.84 Bt. spk. Top wall	
T.P. (SET)	8.000	18.075	5.830	10.075		
T.B.M. S-2 (SET)	5.025	15.080	8.020	10.055	• T.B.M. S-2 Bulkhead Std. 238+69± Bt spk Top wall	
T.B.M. S-3			5.045	10.035	• T.B.M. S-3 EL = 10.03 F.B. 2679-10 Bulkhead Std. 244+08±, Bt. spk. Top wall	

F.B. 2679 Pg. 54

Job No. 0739.01 Division No. ____ Notes Red ____ Plotted ____ Profile ____

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

Survey by J.P. McCall Notes J.P. McCall Checked ____ X-Sec. ____

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

Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 0739.01 Tape 0194 Std 68 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 3-14-61
Date	Indexed H. E. OTT

F. B. 2679 PG. 55

SEWER

LOCATION

CAPITOL PROJECT No. 8910.76

MARINA DEL REY

STA. 26+16.79 TO STA. 29+00.72 PG. 47

SEWER PLANS

STA. 1+41.44 TO STA 13+00 45

PG. 46

STA. 0+84.00 TO STA. 6+35.02 — PG 23

J.P. MENNE

W.J. VOGE

L.C. LOVE

R.H. GILROY

K.J. RIGDON

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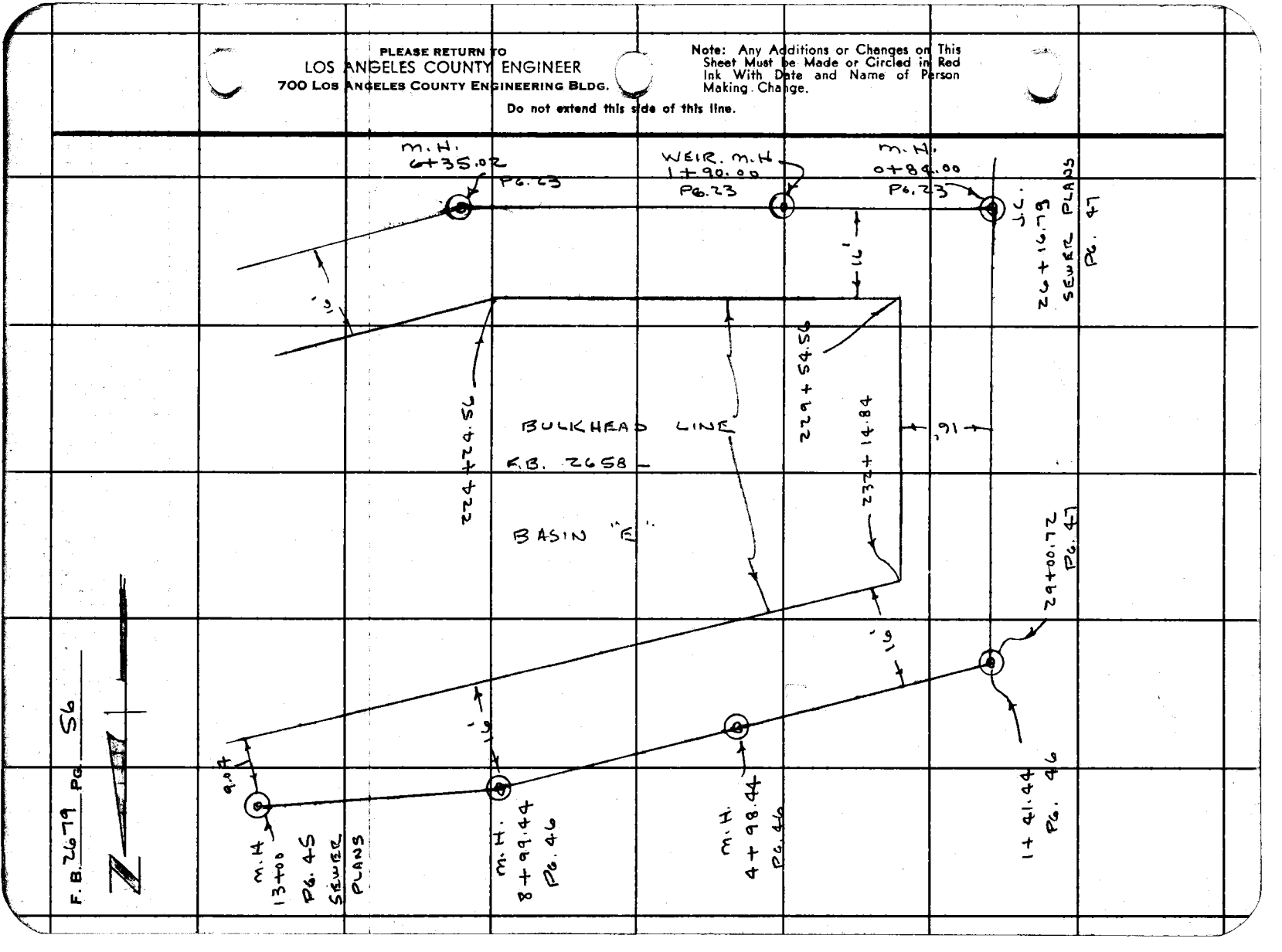

F.B. 2679 PG. 57

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0739.01 Division No. ____

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

Survey by J.P.MENNE Notes J.P.M. Date 3-14-61

Map No. ____ Indexed H E OTT Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	
					Z.P. No. 8910.76 MARINA DEL REY SEWER CONSTRUCTION STAKES FROM STA.- 26+16.79 TO STA. 29+00.72 PER SEWER PLANS PG. 47 STA. 1+41.44 TO STA. 13+00 — PG. 45-46
					STAKES E TINS 4' RIGHT ℄ SEWER FROM STA. 26+16.79 TO STA. 29+00.72 STA. 1+41.44 TO STA. 13+00 STA. 0+84.00 TO STA. 6+35.02 PG. 23 TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD
					J.P.MENNE W.J.VOGE L.C.LOVE R.H.GILFOY K.J.RIGDON

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76L-296 CE 307 11-58

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F.B. 2679 Pg. 58
Survey of MARINA DEL REY Division No. 0739.01 Job No. Profile
Survey by J.P. MENUNS Notes J.P.M. Notes Red Date No. X-Sec.
Indexed H. E. OTT Date Notes Chkd. Date Checked Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	LENKER ROD USED				
					70	GRADE EL	CUT		
(FD) T.B.M. S-1				10 08					T.B.M. S-1 BLK. STA. FB. 2679-54 232+14.84
26+16.79 T.P.		(J.C.) CTR. M.H.							
26+18.79		INLET		3.88		- 0.88	4.76		
26+25				2.30		- 0.86	3.16		
26+50				1.60		- 0.78	2.38		
26+75				1.83		- 0.70	2.53		
27+00				1.79		- 0.62	2.41		
27+25				1.76	0.32	- 0.54	2.30		
27+50				2.04		- 0.46	2.50		
27+75				2.04		- 0.38	2.42		
28+00				2.08		- 0.30	2.38		
28+25				1.69		- 0.22	1.91		
28+50				1.27		- 0.14	1.41		
28+75				1.17		- 0.06	1.23		
28+98.72		OUTLET		0.50		0.02	0.48		
29+00.72		CTR. M.H.							
(FD) T.B.M. S-2				10 06					T.B.M. S-2 BLK. STA. 238+69± FB. 2679-54 EL.= 10.05

1 - 24" CMP
4' RT. OF SEWER

76L298 307 10-51

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Profile Notes Red No. Date
X-Sec. Notes Chkd No. Date
Plotted Date
Checked Date
Job No. 0739.0 Division No.
Survey of MARINA DEL REY
Survey by J.P. MENNE Notes J.P.M. Date 3-14-61
Map No. Indexed H.E. OTT Date
F.B. 2679 Pg. 59

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED % GRADE EL	Cut		
(FD) T.B.m. S-1				10.08			T.B.m. S-1 FB. 2679-54	BLK. STA. 232+1484
1+41.44		CTR. M.H.						
1+43.44		INLET		0.53	0.27	0.26		
1+50				0.50	0.28	0.22		
1+75				2.65	0.31	2.34		
2+00				1.64	0.34	1.30		
2+25				1.75	0.37	1.38		
2+50				1.86	0.40	1.46		
2+75				1.89	0.43	1.46		
3+00				1.67	0.46	1.21		
3+25				1.75	0.49	1.26		
3+50				1.86	0.52	1.34		
3+75				1.93	0.55	1.38		
4+00				1.93	0.58	1.35		
4+25				2.12	0.61	1.51		
4+50				2.17	0.64	1.53		
4+75				2.16	0.67	1.49		
4+96.44		OUTLET		1.89	0.70	1.19		
4+98.44		CTR. M.H.						
5+00.44		INLET		1.96	0.70	1.26		
5+25				1.85	0.73	1.12		

0.12 FT. ± 42" SEWER

76L298 307 10-51

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
T.P. 5+50			1.62	1.67		0.76	0.91		
5+75			1.66	1.70		0.79	0.91		
6+00			1.59	1.62		0.82	0.80		
6+25			1.69	1.70		0.85	0.85		
6+50			1.61	1.63		0.88	0.75		
6+75		N.G.	1.45	1.57		0.91	0.66		
7+00			1.72	1.73		0.94	0.79		
7+25			1.85	1.86	0.12 %	0.97	0.89	1+2 WT ℄ RT. ℄ SEWER	
7+50			2.05	2.05		1.00	1.05		
7+75			2.10	2.08		1.03	1.05		
8+00			2.24	2.23		1.06	1.17		
8+25			2.38	2.35		1.09	1.26		
8+50			2.53	2.50		1.12	1.38		
8+75			2.70	2.66		1.15	1.51		
8+97.44		OUTLET	2.91	2.88		1.18	1.70		
8+99.44		CTR. M.H.							
(FD) T.B.M. S-2				10.05	0.12 %				T.B.M S-2 BLK. STA. 238+69±
T.B.M. S-2				10.05					EL = 10.055 F.B. 2679-54
9+01.44		INLET		2.95		1.18	1.77		
9+25				2.81		1.21	1.60		

F.B. 2679 PG. 60 Job No. 0739.01 Division No. Notes Red. Plotted Profile

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

Survey by J.P. MENNE Notes J.P.M. Notes Chkd. Checked

Indexed H. E. OTT Date Date Date No.

76L298 307 10-51

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL.	CUT		
9+50				2 74		1.24	1.50		
9+75				2 67		1.27	1.40		
10+00				2 66		1.30	1.36		
10+25				2 73		1.33	1.40		
10+50				2 82		1.36	1.46		
10+75				2 94		1.39	1.55		
11+00				2 91		1.42	1.49		
11+25				3 19	0.12 %	1.45	1.74		
11+50				3 26		1.48	1.78		
11+75				3 17		1.51	1.66		
12+00				3 01		1.54	1.47		
12+25				2 96		1.57	1.39		
12+50				3 00		1.60	1.40		
12+75				3 57		1.63	1.94		
12+98		OUTLET		2 75		1.66	1.09		
13+00 (FS)		CTR. M.H.							
T.B.M. S-3				10 02					T.B.M. S-3 BULK. STA. 244+08 ± FB. 2679-54 EL.= 10.035

1x2 ℄ T.S. 4' RT. ℄ SEWER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 PG. 61
Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 3-16-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L298 307 10-51

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448

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	COT		
(FD) T.B.M. S-1				10 08					T.B.M. S-1- BLK. STA. 232+14.84 F.B. 2679-54
0+84		CTR. M.H.							
0+86		INLET		6 05		-0.90	6.95		
1+00				3 20		-0.87	4.07		
1+25				2 59		-0.81	3.40		
1+50				2 88		-0.75	3.63		
1+75				2 73		-0.69	3.42		
1+88		OUTLET		2 47		-0.66	3.13	1x2 & T's 4' RT. & SEWER	
1+90		CTR. WEIR M.H.							
1+92		INLET		2 29	0.24%	-0.66	2.95		
2+00				2 28		-0.64	2.92		
2+25				2 58		-0.58	3.16		
2+50				2 67		-0.52	3.19		
2+75				2 66		-0.46	3.12		
3+00				2 62		-0.40	3.02		
3+25				2 81		-0.34	3.15		
3+50				2 89		-0.28	3.17		
3+75				2 65		-0.22	2.87		
4+00				2 60		-0.16	2.76		
4+25				2 41		-0.10	2.51		

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Job No. 0739.01 Division No.
Survey of MARINA DEL REY
Survey by J.P. MENNE Notes J.P.M.
Indexed H. E. OTT Date

F.B. 2679 PG. 62

76L298 307 10-51

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
4+50				2 43		− 0.04	2.47	1x2 ℄ TS 4' RT. ℄ SEWER	
4+75				2 31		+ 0.02	2.29		
5+00				2 37		0.08	2.29		
5+25				2 77		0.14	2.63		
5+50				2 70		0.20	2.50		
5+75				2 36	0.24%	0.26	2.10		
6+00				2 04		0.32	1.72		
6+25				2 04		0.38	1.66		
6+33.02		OUTLET		2 56		0.40	2.16		
6+35.02 (FD)		CTR. M.H.							
T.B.M. S-2				10 08					T.B.M S-2 F.B. 2679-54 EL-10.095

Profile Notes Red ____ Plotted ____ Job No. 0739.0 Division No. ____ F.B. 2679 PG. 63

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

X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M Date 3-20-61

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

F.B. 2679 PG. 64

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.
		BLANK		

761298 307 10-51

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Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 0739-21 Tape 0194 Std 68 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date 2-21-61
Date	Indexed H. E. UTT.

F. B. 2679 PG. 65

SEWER

LOCATION

CAPITAL PROJECT No. 8910.76

MARINA DEL REY

STA. 2+87 TO STA. 26+00

PER SEWER PLANS - PG. 19-18-17

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

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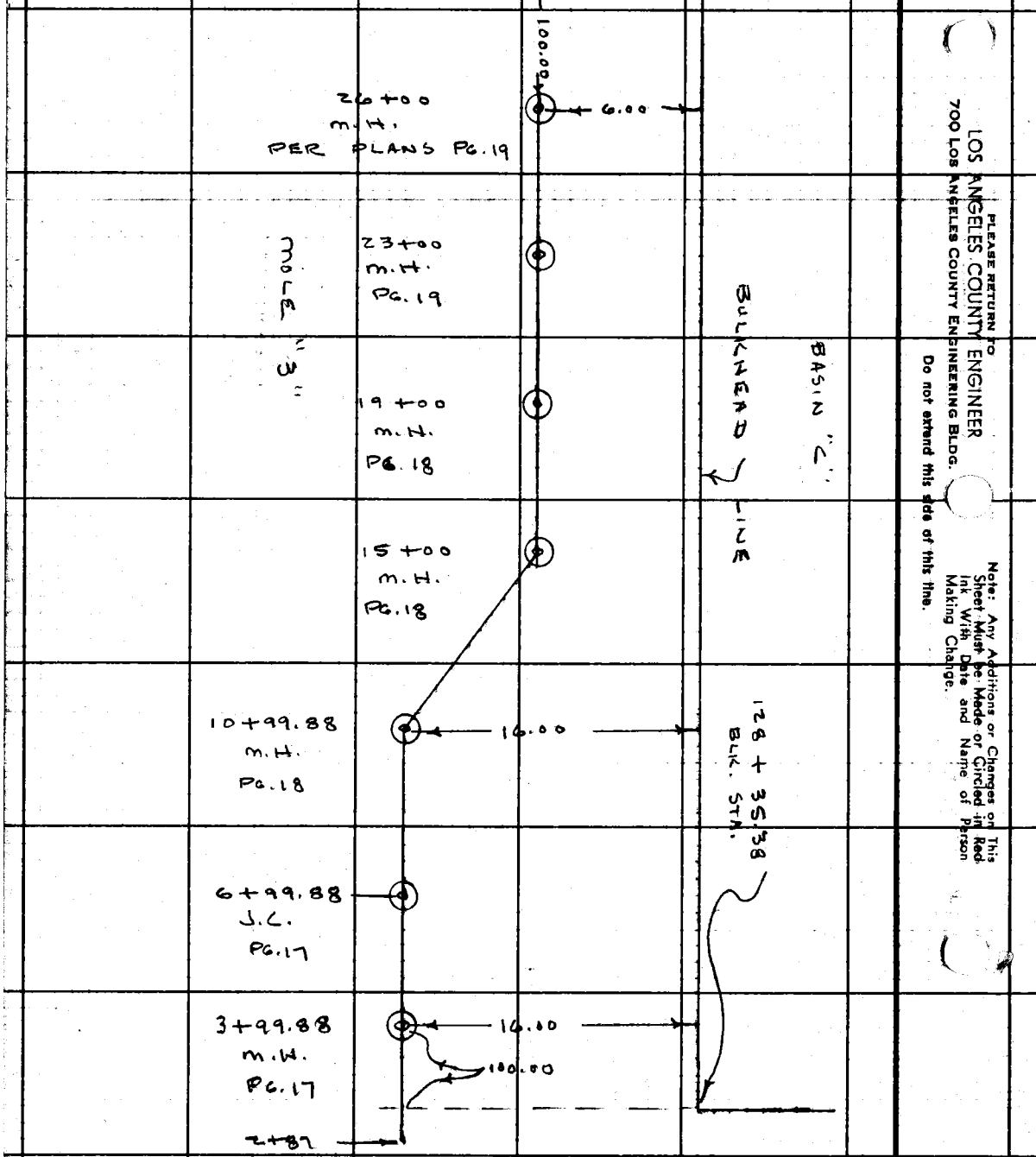
F. B. 2679, PG. 66



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Profile No. ____ X-Sec. No. ____

Notes Red ____ Plotted ____ Job No 0739.01 Division No. ____
Date ____ Date ____ Survey of MARINA DEL REY
Notes Chkd. ____ Checked ____ Survey by J.P.MENNE Notes J.P.M Date 3-21-61
Date ____ Date ____ Map No. ____ Index W. E. OTT Date ____

F.B. 2679 PG. 67

C.P. No. 8910.76

MARINA DEL REY

SEWER CONSTRUCTION STAKES

FROM

STA. 2+87 TO STA. 26+00

PER SEWER PLANS PGS. 17-18-19

STAKES & TINS 4' LEFT ℄ SEWER

TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD

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

J.P.MENNE
W.J.VOGE
L.C.LOVE
H.B. 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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726 LOS ANGELES COUNTY ENGINEERING BLDG.

76L298 307 10-51

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Profile No. ____ X-Sec. No. ____
Notes Red. ____ Plotted ____ Date ____
Notes Chkd. ____ Checked ____ Date ____
Job No. 4739.0 Division No. ____
Survey of MARINA DEL REY
Survey by J.P. MENNE Notes J.P.M.
Indexed H.E. OTT Date ____

F.B. 2679 PG. 68

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
(FD)									T.B.m. S-18 BLK. STA
T.B.m. S-18				9 97	%	GRADE EL	CUT		BT. SPK, 128+35 ±
2+87				2.34		-2.25	4.59		F.B. 2679-38
3+00				1.87		-2.13	4.00		
3+25				0.75		-1.90	2.65		
3+50				1.15	0.92%	-1.67	2.82		
3+75				1.08		-1.44	2.52		
3+97.88		OUTLET		1.00		-1.23	223		
3+99.88		CTR. M.H.							
4+01.88		INLET		1.15		-1.13	2.28		
4+25				1.23		-1.07	2.30		
4+50				1.33		-1.01	2.34		
4+75				1.65		-0.95	2.60		
5+00				1.78		-0.89	2.67		
5+25				2.10	0.24%	-0.83	2.93		
5+50 T.P.				2.14		-0.77	2.91		
5+75				2.36		-0.71	3.07		
6+00				1.94		-0.65	2.59		
6+25				2.10		-0.59	2.69		
6+50				1.97		-0.53	2.50		
6+75				2.16		-0.47	2.63		
6+97.88		OUTLET		1.70		-0.42	2.12		

12 ± FT 4' LEFT & SEWER

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL.	CUT		
6+99.88		CTR. M.H. (J.C.)							
7+01.88		INLET		1.68		-0.32	2.00	1x2 ℄ Ts 4' LEFT ℄ SEWER	
7+25				2.23		-0.26	2.49		
7+50				2.19		-0.19	2.38		
7+75				2.85		-0.12	2.97		
8+00				6.05		-0.05	6.10		
8+25				3.92		+0.02	3.90		
8+50				3.40		0.09	3.31		
8+75				3.39	0.28 %	0.16	3.23		
9+00				3.90		0.23	3.67		
9+25				4.68		0.30	4.38		
9+50				4.97		0.37	4.60		
9+75				4.68		0.44	4.24		
10+00 T.P.				5.10		0.51	4.59		
10+25				5.04		0.58	4.46		
10+50				5.30		0.65	4.65		
10+75				5.30		0.72	4.58		
10+97.88		OUTLET		5.32		0.79	4.53		
10+99.88		CTR. M.H.							F.B. 2679-38
TBM 5-#16				10.00					T.B.M. 5-16 BLK. STA. 133+75± EL. 10.01

Profile Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 PG. 69

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

X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.R.M. Date 3-21-61

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

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F.B. 2679 PG. 70

Job No. 0739-01 Division No. Notes Red. Plotted

Survey of MARINA DEL REY Date Date

Survey by J.R. MENNE Notes J.P.M. Notes Chkd. Checked

Indexed H.E. OTT Date Date

Profile No. X-Sec. No.

STATION	B.S.	H.I.	F.S.	ELEV.	LENKER RED USED				
(FD)					%	GRADE EL	CUT		T.B.M. S-15 - BLK. STA.
T.B.M. S-15				10.00					F.B. 2679-38 137+35 ±
									BT. SPK.
10+99.88		CTR. M.H.							
11+01.88		INLET		5.32		0.79	4.53		
11+25				5.46		0.86	4.60		
11+50				5.40		0.93	4.47		
11+75				5.37		1.00	4.37		
12+00				5.18		1.07	4.11	SEWER	
12+25				5.09		1.14	3.95		
12+50				5.20		1.21	3.99		
12+75				5.22		1.28	3.94		
13+00				5.09	0.28 %	1.35	3.74		
13+25				4.85		1.42	3.43		
13+50				4.85		1.49	3.36		
13+75				4.71		1.56	3.15	4 LEFT	
14+00				4.81		1.63	3.18		
14+25				4.92		1.70	3.22		
14+50				4.98		1.77	3.21	12" & TS	
14+75				5.12		1.84	3.28		
14+98		OUTLET		5.07		1.91	3.16		
15+00		CTR. M.H.							
15+02		INLET		4.98		1.91	3.07		

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Profile No. _____ Notes Red _____ Plotted _____ Job No. 0739.01 Division No. _____ F.B. 2679 Pg. 71
X-Sec. No. _____ Date _____ Date _____ Survey of MARINA DEL REY
Notes Chkd _____ Checked _____ Survey by L.P. MENNE Notes by P.M. Date 3-22-61
Date _____ Date _____ Map No. _____ Index H. E. OTT Date _____

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
15+25 TP				5.11		1.98	3.13	
15+50				5.02		2.05	2.97	
15+75				4.84		2.12	2.72	
16+00				4.75		2.19	2.56	
16+25				4.59		2.26	2.33	
16+50				4.55		2.33	2.22	
16+75				4.57		2.40	2.17	
17+00				4.49		2.47	2.02	
17+25				4.49	0.82	2.54	1.95	
17+50				4.57		2.61	1.96	
17+75				4.62		2.68	1.94	
18+00				4.65		2.75	1.90	
18+25				4.78		2.82	1.96	
18+50				4.85		2.89	1.96	
18+75				4.85		2.96	1.89	
18+98		OUTLET		4.74		3.03	1.71	
19+00		CTR. M. H.						
19+02		INLET		4.74		3.03	1.71	
19+25				4.67		3.10	1.67	
19+50				4.50		3.17	1.33	

SEWER & TS & 2 - 4" LEFT

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
19+75				4.61		3.24	1.37		
20+00				4.80		3.31	1.49		
20+25				4.94		3.38	1.56		
20+50				5.00		3.45	1.55		
20+75				5.07		3.52	1.55		
21+00				5.18		3.59	1.59		
21+25				5.25		3.66	1.59		
21+50				5.15	0.28%	3.73	1.42		
21+75				4.99		3.80	1.19		
22+00				4.63		3.87	0.76		
22+25				4.56		3.94	0.62		
22+50				4.59		4.01	0.58		
22+75				4.48		4.08	0.40		
22+98		OUTLET		4.33		4.15	0.18	1 x 2 ETS 4' LEFT & SEWER	
23+00		CTR. M.H.							
TBM 5-#12				9.96					T.B.M. 5-12 EL.=9.965 F.B.2679-38

F.B.2679 PG.72

Job No. 0739.01 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

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

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

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

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
		RE-STAKE FROM STA. 22+25 TO 23+00							
		STAKING STA. 23+00 TO 26+00							
(FD) T.B.M. S-12				9.96					T.B.M. S-12 EL 9965
22+25				4.78		3.94	0.84		
22+50				5.70		4.01	1.69		
22+75				5.75		4.08	1.67		
22+98		OUTLET		5.84		4.15	1.69		
23+00		CTR. M.H.							
23+02		INLET		5.88		4.15	1.73		
23+25				5.77		4.22	1.55		
23+50				5.73		4.29	1.44		
23+75				5.81		4.36	1.45		
24+00				6.00		4.43	1.57		
24+25				6.15		4.50	1.65		
24+50				6.36		4.57	1.79		
24+75				6.39		4.64	1.75		
25+00				6.37		4.71	1.66		
25+25				6.42		4.78	1.64		
25+50				6.47		4.85	1.62		
25+75				6.51		4.92	1.59		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 PG. 73
X-Sec. No. ____ Date ____ Date ____ Survey of MARINA DEL REY
Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 4-5-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

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F.B. 2679 Pg. 74 | Job No. 0739.01 | Division No. | Notes Red. | Plotted | Profile
Survey of MARINA DEL REY | Date | No. | X-Sec.
Survey by J. PIMENTEL Notes J. PIM | Notes Chkd. | Checked
Indexed H. E. OTT | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
25+98		OUTLET		6.39		4.98	1.41	
26+00		CTR. M.H						

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

Survey of MARINA DEL REY
JN 0739.6 Tape Std °F
Surveyed by J.P. MENNE
Notes J.P.M Date 8-27-63
Indexed H. E. OTT

F. B. 2679 Pg. 75

SEWER

LOCATION

CAPITOL PROJECT No 8910.76

MARINA DEL REY

STA. 1+50 TO STA. 25+00

PER SEWER PLANS PG. 11-12-16

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

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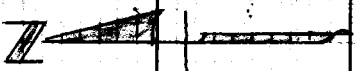
F.B. 2679 PG. 76



99+01.38

100.00

M.H
25+00
PG. 12

SEWER PLANS

4.00

M.H
22+00
PG. 12

M.H
18+00
PG. 12

M.H
14+00
PG. 11

4.00

MOLE

BULKHEAD LINE

BASIN B

M.H.
9+99.95
PG. 11

10.00

M.H
5+99.95
PG. 16

M.H.
3+99.95
PG. 16

SEWER PLANS

10.00

232.20

74+69.18 (A)
79+65.56 (B)

1+50

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Profile No. X-Sec. No.

Notes Red. Plotted Job No. 0739.01 Division No. F.B. 2679 Pg. 77
Date Date Survey of MARINA DEL REY
Notes Chkd. Checked Survey by J.P. MENNE Notes J.P.M. Date 3-23-61
Date Date Map No. Indexed H. E. OTT Date

C.P. No. 8910.76

MARINA DEL REY

SEWER CONSTRUCTION STAKES

FROM

STA. 1+50 TO STA. 25+00

PER SEWER PLANS PGS. 16-11-12

STAKES & TINS 4' LEFT & SEWER

TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD

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

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
(FD) T.B.M. S-28				10.02	%	GRADE EL	CUT		T.B.M. S-28 BLK. STA. BT. SPK. 74+69.18 TOP WALL F.B. 2679-40
1+50				3.85		-1.83	5.68		
1+75				3.14		-1.66	4.80		
2+00 T.P.				3.22		-1.49	4.71		
2+25				3.40		-1.32	4.72		
2+50				3.60		-1.15	4.75		
2+75				3.49	0.68%	-0.98	4.47		
3+00				3.31		-0.81	4.12	1X2 & TS 4' LEFT & SEWER	
3+25				3.25		-0.64	3.89		
3+50				3.18		-0.47	3.65		
3+75				3.28		-0.30	3.58		
3+97.95		OUTLET		3.33		-0.14	3.47		
3+99.95		CTR. M.H							
4+01.95		INLET		3.36		-0.04	3.40		
4+25				3.50		+0.02	3.48		
4+50				3.56	0.24%	0.08	3.48		
4+75				3.81		0.14	3.67		
5+00				3.93		0.20	3.73		
5+25				4.03		0.26	3.77		
5+50				3.92		0.32	3.60		
5+75				3.82		0.38	3.44		

F.B. 2679 PG. 78

Job No. 0739.01 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of MARINA DEL REY 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. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
5+97.95		OUTLET		3.50		0.44	3.06		
5+99.95		CTR. M.H.							
6+01.95		INLET		3.51		0.44	3.07	1x2 & Ts 4' LEFT & SEWER	
6+25				3.81		0.50	3.31		
6+50				3.56		0.56	3.00		
6+75				3.50		0.62	2.88		
7+00				3.61		0.68	2.93		
7+25				3.67		0.74	2.93		
7+50				3.75	0.24%	0.80	2.95		
7+75				3.80		0.86	2.94		
8+00				3.67		0.92	2.75		
8+25				3.62		0.98	2.64		
8+50				3.66		1.04	2.62		
8+75				3.74		1.10	2.64		
9+00				3.76		1.16	2.60		
9+25				3.73		1.22	2.51		
9+50				3.72		1.28	2.44		
9+75				3.90		1.34	2.56		
9+97.95 T.P.		OUTLET		4.14		1.40	2.74		
9+99.95		CTR. M.H.							

Profile Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 PG. 79

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

X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 3-24-61

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			
					%	GRADE EL	CUT	
10+01.95		INLET		4.10		1.40	2.70	
10+25				4.25		1.46	2.79	
10+50				4.22		1.52	2.70	
10+75				4.16		1.58	2.58	
11+00				4.18		1.64	2.54	
11+25				4.24		1.70	2.54	
11+50				4.28		1.76	2.52	
11+75				4.20	0.24%	1.82	2.38	1x2 # Ts 4' LEFT & SEWER
12+00				4.33		1.88	2.45	
12+25				4.47		1.94	2.53	
12+50				4.60		2.00	2.60	
12+75				4.83		2.06	2.77	
13+00				5.05		2.12	2.93	
13+25				5.23		2.18	3.05	
13+50				5.31		2.24	3.07	
13+75				5.44		2.30	3.14	
13+98		OUTLET		5.52		2.36	3.16	
14+00		CTR. M.H						
14+02		INLET		5.47		2.36	3.11	
14+25				5.32		2.42	2.90	

F.B. 2679 PG. 80

Job No. 0739.01 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

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

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

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

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE FL	CUT	
14+50				4.98		2.48	2.50	
14+75 T.P.				4.65		2.54	2.11	
15+00				4.58		2.60	1.98	
15+25				4.54		2.66	1.88	
15+50				4.30		2.72	1.58	
15+75				4.45		2.78	1.67	
16+00				4.70		2.84	1.86	
16+25				4.81		2.90	1.91	
16+50				5.14	0.24 %	2.96	2.18	
16+75				5.44		3.02	2.42	
17+00				5.51		3.08	2.43	
17+25				5.42		3.14	2.28	
17+50				5.37		3.20	2.17	
17+75				5.35		3.26	2.09	
17+98		OUTLET		5.25		3.32	1.93	1x2 & TS 4' LEFT & SEWER
18+00		CTR. M.H.		-				
18+02		INLET		5.24		3.32	1.92	
18+25				5.27		3.38	1.89	
18+50				5.31		3.44	1.87	
18+75				5.35		3.50	1.85	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 PG. 81

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

Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 3-24-61

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

76L298 307 10-51

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

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
19+00				5.41		3.56	1.85	
19+25				5.55		3.62	1.93	
19+50				5.58		3.68	1.90	
19+75 T.P.				5.72		3.74	1.98	
20+00				5.81		3.80	2.01	
20+25				5.90		3.86	2.04	
20+50				5.91		3.92	1.99	
20+75				5.74		3.98	1.76	
21+00				5.85	0.24%	4.04	1.81	1X2 & Ts - 4' LEFT ℄ SEWER
21+25				6.11		4.10	2.01	
21+50				6.30		4.16	2.14	
21+75				6.36		4.22	2.14	
21+98		OUTLET		6.42		4.28	2.14	
22+00		CTR. M.H.						
22+02		INLET		6.45		4.28	2.17	
22+25				6.59		4.34	2.25	
22+50				6.65		4.40	2.25	
22+75				6.48		4.46	2.02	
23+00				6.41		4.52	1.89	
23+25				6.29		4.58	1.71	

F.B. 2679 PG. 82

Job No. 0739.01 Division No. Notes Red. Plotted Profile No.

Survey of MARINA DEL REY Date Date X-Sec.

Survey by J.P. MENNE Notes J.P.M. Notes Chkd. Checked

Indexed H. E. OTT Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
23+50				6.19	↑	4.64	1.55		
23+75				6.25		4.70	1.55		
24+00				6.34		4.76	1.58		
24+25				6.42	0.24%	4.82	1.60		
24+50				6.38		4.88	1.50		
24+75				6.28		4.94	1.34		
24+98		OUTLET		7.02	↓	5.00	2.02		
25+00 (FD)		CTR. M.H							T.B.M. S-25 BLK STA. 93+00 ±
TBM S-#25				9.97				1+2 ± 7's 4' LEFT ℄ SEWER	F.B. 2679-40 EL.= 9.975

Profile No.____ Notes Red____ Plotted____ Job No. 0739.01 Division No.____ F.B. 2679 PG. 83

X-Sec. No.____ Date____ Date____ Survey of MARINA DEL REY

Notes Chkd.____ Checked____ Survey by J.P. MENNE Notes J.P.M Date 3-24-61

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

F.B. 2679 PG. 84

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.	
BLANK					

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Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 0739-01 Tape Std. °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date 3-27-61
Date	Indexed H. E. OTT

F. B. 2679 Pg. 85

SEWER

LOCATION

CAPITOL PROJECT No. 8910.76

MARINA DEL REY

STA. 2+25 TO STA. 22+00

PER SEWER PLANS Pg. 15-A - 9 - 10

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

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700 Los Angeles County Engineering Bldg.

767309S S&E #247 11-58

F. B. 2679 PG. 86

52+00.99

100.00

M.H. 22+00 Pg. 10 PER SEWER PLANS

M.H. 19+00 Pg. 10

M.H. 15+00 Pg. 10

MOLE

BULKHEAD LINE F.B. 2658 BASIN B

4.00

M.H. 11+00 Pg. 9

10.00

M.H. 6+99.95 Pg. 9

10.00

M.H. 3+99.95 PER SEWER PLANS Pg. 15-A

156.81

72+57.80

2+25

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700 Los Angeles County Engineering Bldg.
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Profile No. | Notes Red. | Plotted | Job No. 0739.01 | Division No. | F.B. 2679 Pg. 87
Date | Date | Survey of MARINA DEL REY
X-Sec. No. | Notes Chkd. | Checked | Survey by J.P. MENNE | Notes J.P.M | Date 3-27-61
Date | Date | Map No. | Indexed H. E. OTT | Date

C. P. No. 8910.76

MARINA DEL REY

SEWER CONSTRUCTION STAKES

FROM

STA. 2+25 TO STA. 22+00

PER SEWER PLANS PGS. 9-10-15A

STAKES & TINS 4' RT. & SEWER
STA. 2+25 TO STA. 22+00

TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD

ELEV.

J. P. MENNE
W. J. VOGE

F. S.

L. C. LOVE
H. B. ROBBINS

H. I.

B. S.

STATION

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
(FD) T.B.M. S-29				10 00	%	GRADE EL	CUT		T.B.M. S-29 BLK. STA. FB. 2679-94. 72+57.80
2+25				4.80		− 0.53	5.33		
2+50 T.P.				2.27		− 0.37	2.64		
2+75				2.36	0.64 %	− 0.21	2.57	1+2 & 4' RT. & SEWER	
3+00				2.59		− 0.05	2.64		
3+25				2.58		+ 0.11	2.47		
3+50				2.64		0.27	2.37		
3+75				2.92		0.43	2.49		
3+97.95		OUTLET		3.08		0.58	2.50		
3+99.95		CTR. M.H.							
4+01.95		INLET		3.09		0.68	2.41		
4+25				3.20		0.74	2.46		
4+50				3.61	0.24 %	0.80	2.81		
4+75				3.89		0.86	3.03		
5+00				3.93		0.92	3.01		
5+25				3.82		0.98	2.84		
5+50				3.73		1.04	2.69		
5+75				4.05		1.10	2.95		
6+00				3.98		1.16	2.82		
6+25 T.P.				3.79		1.22	2.57		
6+50				3.54		1.28	2.26		

F.B. 2679 PG. 88

Job No. 0739.01 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

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

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

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

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
6+75				3.71		1.34	2.37	
6+97.95		OUTLET		3.69		1.40	2.29	
6+99.95		CTR. M.H.						
7+01.95		INLET		3.65		1.40	2.25	
7+25				3.92		1.46	2.46	
7+50				4.12		1.52	2.60	
7+75				4.09		1.58	2.51	
8+00				4.02		1.64	2.38	
8+25				3.84	0.24%	1.70	2.14	
8+50				3.70		1.76	1.94	
8+75				3.66		1.82	1.84	
9+00				3.67		1.88	1.79	
9+25				3.80		1.94	1.86	
9+50				3.81		2.00	1.81	
9+75				3.75		2.06	1.69	
10+00				3.53		2.12	1.41	
10+25				3.30		2.18	1.12	
10+50				3.42		2.24	1.18	
10+75 T.P.				3.44		2.30	1.14	
10+98		OUTLET		3.28		2.36	0.92	

1+2 & Ts 4' RT & SEWER

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Job No. 0739.01 Division No. ____

X-Sec. No. ____ Date ____ Notes Chkd ____ Date ____ Checked ____ Date ____ Survey of MARINA DEL REY Survey by J.P. MENNE Notes J.P.M. Date 3-28-61

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

F.B. 2679 PG. 89

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER RD USED			
					%	GRADE EL	CUT	
11+00		CTR. M.H.						
11+02				3.29		2.36	0.93	1 x 2 # T.S. 4' RT. & SEWER
11+25				3.38		2.42	0.96	
11+50				3.36		2.48	0.88	
11+75				3.55		2.54	1.01	
12+00				3.75		2.60	1.15	
12+25				3.66		2.66	1.00	
12+50				3.69		2.72	0.97	
12+75				3.60	0.24 %	2.78	0.82	
13+00				3.78		2.84	0.94	
13+25				3.96		2.90	1.06	
13+50				4.16		2.96	1.20	
13+75				4.15		3.02	1.13	
14+00				3.96		3.08	0.88	
14+25				4.00		3.14	0.86	
14+50				4.12		3.20	0.92	
14+75				4.24		3.26	0.98	
14+98		OUTLET		4.43		3.32	1.11	
15+00		CTR. M.H.						
15+02 TP		INLET		4.36		3.32	1.04	

F.B. 2679 PG. 90

Job No. 0739.01 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

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

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

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X-Sec. No. ____ Date ____ Date ____ Survey of MARINA DEL REY
Notes Chkd ____ Checked ____ Survey by J.P. MINNE Notes J.P.M. Date 3-28-61
Date ____ Date ____ Map No. ____ Indexed H.E.O.T. Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER RD USED			
					% GRADE EL	CUT		
15+25				4.49		3.38	1.11	
15+50				4.48		3.44	1.04	
15+75				4.35		3.50	0.85	
16+00				4.36		3.56	0.80	
16+25				4.58		3.62	0.96	
16+50				4.72		3.68	1.04	
16+75				4.80		3.74	1.06	
17+00				4.87		3.80	1.07	
17+25				4.91	6%	3.86	1.05	
17+50				4.96	0.42	3.92	1.04	
17+75				4.98		3.98	1.00	
18+00				5.07		4.04	1.03	
18+25				4.96		4.10	0.86	
18+50				5.06		4.16	0.90	
18+75				5.14		4.22	0.92	
18+98		OUTLET		5.19		4.28	0.91	
19+00		CTR. M.H.						
19+02		INLET		5.16		4.28	0.88	
19+25 T.P.				5.15		4.34	0.81	
19+50				5.15		4.40	0.75	

12" ø T's 4' RT. ℄ SEWER

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	LUT		
19+75				5.36		4.46	0.90		
20+00				5.36		4.52	0.84		
20+25				5.38		4.58	0.80		
20+50				5.54	0.24%	4.64	0.90		
20+75				5.65		4.70	0.95		
21+00				5.74		4.76	0.98		
21+25				5.92		4.82	1.10		
21+50				5.95		4.88	1.07		
21+75				6.08		4.94	1.14		
21+98		OUTLET		6.00		5.00	1.00		
22+00		CTR. M.H.							
(FD) T.B.M. S-32				10 01					T.B.M. S-32 BLK. STA. BT. SPK. TOP W. 54+74' ± EL.=10.025 F.B. 2679-94

1x2 & TS 4' RT. & SEWER

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Job No. 0739.01

Survey of MARINA DEL REY

Survey by J.P. MENNE Notes J.P.M.

Indexed H. E. OTT Date

F.B. 2679 PG. 92

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0739.01 Division No. ____ F.B. 2679 Pg. 93

Survey of MARINA DEL REY

Notes Chkd. TP Date 9-66 Checked ____ Date ____ Survey by J.P. MENNE Notes J.P.M. Date 2-15-61

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

LEVELS

FOR

SEWERS

ON

NORTH – EAST – SOUTH SIDE MOLE 1 TO BLK. STA. 0+00

FR. 72+57.80 TO: 0+01 ±

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

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
(FD) T.B.m. S-28	5 525	15 550		10 025	T.B.m. - S-28	BULKHEAD STA. 74+69.18 BT. SPK. TOP WALL F.B. 2679-40
T.P.	4 750	15 220	5 080	10 470		
(SET) T.B.m. S-29	5 315	15 320	5 215	10 005	T.B.m. - S-29	BULKHEAD STA. 72+57.80 BT. SPK TOP WALL
T.P.	4 690	14 490	5 520	9 800		
(SET) T.B.m. S-30	6 240	16 280	4 450	10 040	T.B.m. S-30	BULKHEAD STA. 66+71± BT. SPK. TOP WALL
T.P.	5 270	16 535	5 015	11 265		
(SET) T.B.m. S-31	6 645	16 665	6 515	10 020	T.B.m. S-31	BULKHEAD STA. 60+76'± BT. SPK. TOP WALL
T.P.	3 220	15 635	4 250	12 415		
(SET) T.B.m. S-32	5 930	15 955	5 610	10 025	T.B.m. S-32	BULKHEAD STA. 54+74'± BT. SPK. TOP WALL
(SET) T.B.m. S-33	5 250	15 300	5 905	10 050	T.B.m. S-33	BULKHEAD STA. 45+85'± BT. SPK. TOP WALL
	3 540	15 670	3 170	12 130		
(SET) T.B.m. S-34	6 040	16 060	5 650	10 020	T.B.m. S-34	BULKHEAD STA. 39+85'± BT. SPK. TOP WALL
	1 470	15 545	1 985	14 075		
(SET) T.B.m. S-35	5 635	15 680	5 500	10 045	T.B.m. S-35	BULKHEAD STA. 34+45'± BT. SPK. TOP WALL
	1 725	15 870	1 535	14 145		
(SET) T.B.m. S-36	6 130	16 160	5 840	10 030	T.B.m. S-36	BULKHEAD STA. 28+77.26 BT. SPK. TOP WALL
	1 785	15 110	2 835	13 325		
(SET) T.B.m. S-37	5 990	16 015	5 085	10 025	T.B.m. S-37	BULKHEAD STA. 21+72.69 BT. SPK. TOP WALL
	2 290	15 945	2 360	13 655		
(SET) T.B.m. S-38	6 760	16 800	5 905	10 040	T.B.m. S-38	BULKHEAD STA. 15+52± BT. SPK. TOP. WALL
	2 730	15 660	3 870	12 930		

F.B. 2679 PG. 94

Job No. 0739.01 Division No. _____ Notes Red. _____ Plotted _____ Profile _____

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

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

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
		15 660				
(SET) T.B.m. S-39	4 255	14 275	5 640	10 020	T.B.m. S-39	BULKHEAD STA 9+52± BT. SPK. TOP WALL
	3 960	16 475	1 760	12 515		
(SET) T.B.m. S-40	6 580	16 615	6 440	10 035	T.B.m. S-40	BULKHEAD STA. 5+42± BT. SPK. TOP. WALL
	2 685	13 935	5 365	11 250		
(SET) T.B.m. S-41	6 785	16 795	3 925	10 010	T.B.m. S-41	BULKHEAD STA. 0+01 BT. SPK. TOP WALL
	3 735	19 460	1 070	15 725		
(FD) T.B.m. "A"	3 600	19 730	3 330	16 130	T.B.m. "A"	P.K. NAIL ON S.W. COR. GAS WELL - DEL REY NO. 10 - 300'± SO. & 100'± WEST OF BEGIN. OF BLK. 0+00.
2X2 T.P. No. 1	5 475	19 670	5 535	14 195		
2X2 T.P. No. 2	5 575	19 615	5 630	14 040		
	4 645	21 550	2 710	16 905		
	4 365	23 170	2 745	18 805		
(SET) T.B.m. "B"	1 610	22 450	2 330	20 840	T.B.m. "B"	POW. POLE NO. 267623 M - 45'± NO. & 15'± E. OF ℄ INTER. 56TH AVE & MARITA PL. SET LG. BT. SPK.
	2 795	19 285	5 960	16 490		
(FD) M.D.R. B.m. 71			4 775	14 510	M.D.R. B.m. 71 -	F.B. 2649 - EL. - 14.49

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 PG. 95

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

Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 3-30-61

No. ____ Date ____ Date ____ Map No. ____ Index M. E. OTT Date ____

F.B. 2679 PG. 96

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.	

761.298 307 10-51

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 0739.0 Tape Std. °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date 8-31-61
Date	Indexed H. E. OTT

F. B. 2679 Pg. 97

SEWER

LOCATION

CAPITOL PROJECT NO. 8910.76

MARINA DEL REY

STA. 1+12.34 TO STA. 20+00	SEWER PLANS, PG. 7 & 8
STA 0+82.10 TO STA. 8+10.18	PG. 6
STA. 0+64.02 TO STA. 16+66	PG. 3

Basin "A"

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

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700 Los Angeles County Engineering Bldg.

ZAF3065 SAE #247 11-58

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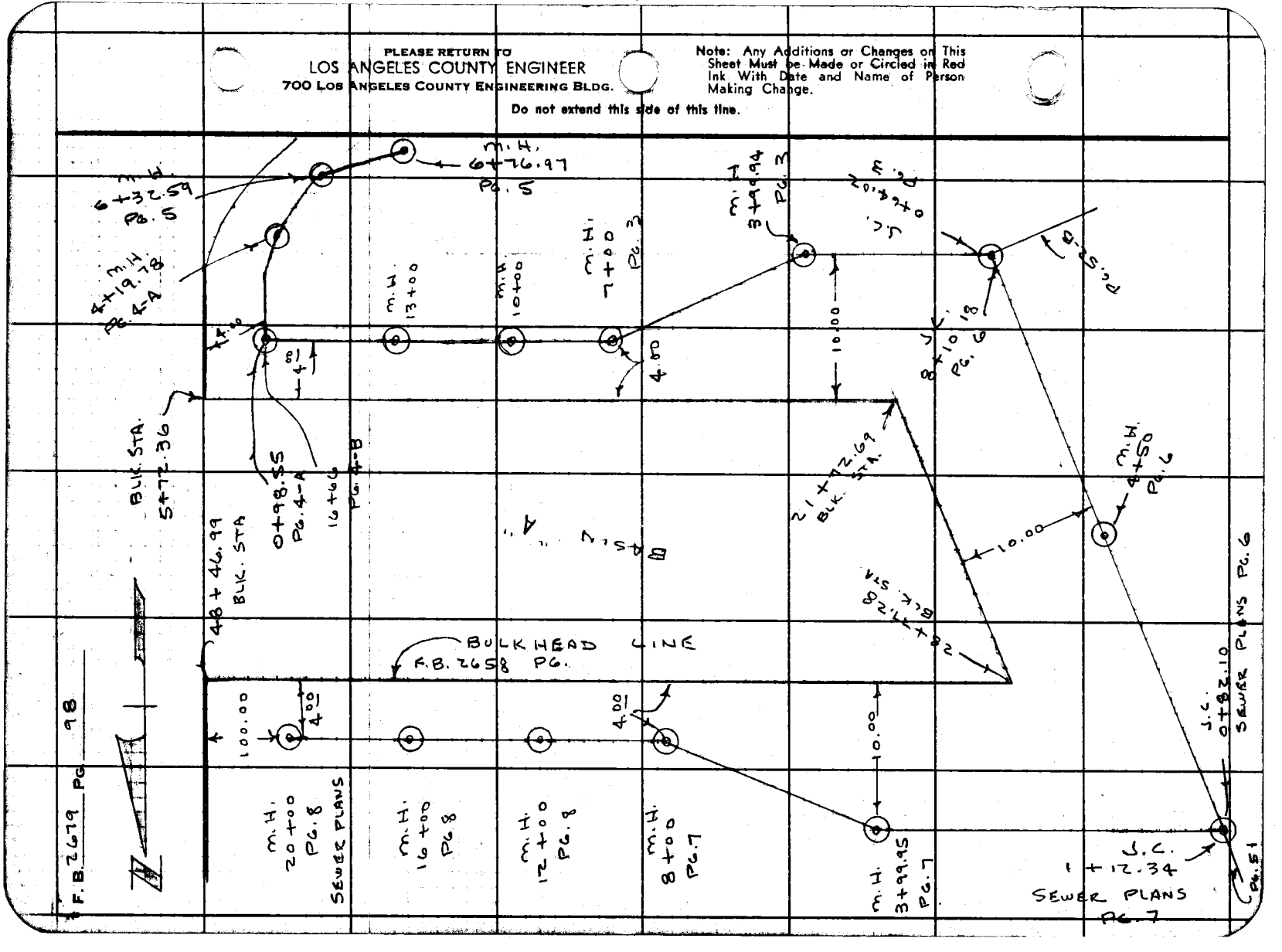

F.B. 2679 Pg. 49

Profile No. ____ X-Sec. No. ____ | Notes Red ____ Date ____ | Notes Chkd. ____ Date ____ | Plotted ____ Date ____ | Checked ____ Date ____ | Job No. 0739.01 | Division No. ____ | Survey of MARINA DEL REY | Survey by J.P. MENNE Notes J.P.M. Date 4-3-61 | Map No. ____ Index H. E. OTT Date ____

C.P. No. 8910.76

MARINA DEL REY

SEWER CONSTRUCTION STAKES

FROM

STA. 1 + 12.34 TO STA. 20 + 00 SEWER PLANS PG. 7 & 8

STA. 0 + 82.10 TO STA. 8 + 10.18 SEWER PLANS PG. 6

STAKES & TINS 4' RT. & SEWER STA. 1 + 12.34 TO 3 + 99.95 PG. 7

STAKES & TINS 4' LEFT & SEWER STA. 3 + 99.95 TO 20 + 00 PG. 7 & 8

STAKES & TINS 4' RT. & SEWER STA. 0 + 82.10 TO 8 + 10.18 PG. 6

STAKES & TINS 4' RT. & SEWER STA. 0 + 64.02 TO 16 + 66 PG. 3

STAKES & TINS 4' RT. & SEWER STA. 0 + 98.55 TO 6 + 32.59 PG. 4-A

TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD

ELEV.

F.S.

H.I.

J.P. MENNE
W.J. VOGE
L.C. LOVE
W.B. RIBBINS

B.S.

STATION

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761-198 CE 307 11-58

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	LENKER ROD USED				
(FD) T.B.M. S-36				10 03	%	GRADE EL	CUT		T.B.M. S-36 BLK. STA. 28+71.26 FB. 2679-94 BT. SPK. TOP WALL
1+12.34		CTR. J.C.							
1+14.34		INLET		3.49		0.04	3.45		
1+25				3.43		0.08	3.35		
1+50				2.85		0.17	2.68		
1+75				3.14		0.26	2.88		
2+00				3.24	0.36 %	0.35	2.89	1+2 ℄ Ts 4' RT. ℄ SEWER	
2+25				3.39		0.44	2.95		
2+50				3.23		0.53	2.70		
2+75				3.14		0.62	2.52		
3+00				3.15		0.71	2.44		
3+25				3.28		0.80	2.48		
3+50				3.29		0.89	2.40		
3+75				3.42		0.98	2.44		
3+97.95		OUTLET		3.54		1.06	2.48		
3+99.95		CTR. M.H.							
4+01.95		INLET		3.46		1.16	2.30		
4+25 T.P.				3.53	0.24 %	1.22	2.31		
4+50				3.64		1.28	2.36		
4+75				3.60		1.34	2.26	1+2 ℄ Ts 4' LEFT ℄ SEWER	
5+00				3.57		1.40	2.17		

F.B. 2679 Pg. 100
Job No. 0739.01 Division No. Notes Red Plotted Profile
Survey of MARINA DEL REY Date Date No.
Survey by J.P. MENNE Notes J.P.M. Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
5+25				3.18		1.46	1.72		
5+50				2.80		1.52	1.28		
5+75				2.50		1.58	0.92		
6+00				2.57		1.64	0.93		
6+25				2.82		1.70	1.12		
6+50				2.69		1.76	0.93		
6+75				2.66		1.82	0.84		
7+00				2.77		1.88	0.89		
7+25				2.65	0.24 %	1.94	0.71		
7+50				2.88		2.00	0.88		
7+75				3.04		2.06	0.98		
7+98 T.P.		OUTLET		3.19		2.12	1.07		
8+00		CTR. M.H							
8+02		INLET		3.20		2.12	1.08		
8+25				3.37		2.18	1.19		
8+50				3.27		2.24	1.03		
8+75				3.22		2.30	0.92		
9+00				3.14		2.36	0.78		
9+25				3.15		2.42	0.73		
9+50				3.20		2.48	0.72		

1 x 2 & Ts 4' LEFT ℄ SEWER

Profile Notes Red. ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 PG. 101
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 4-3-61
No. ____ Date ____ Date ____ Map No. ____ Index H. E. OTT Date ____

76298 S & E #307—7-55

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F. B. 2679 Pg. 102 | Job No. 0739.01 | Division No. | Notes Red. | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No.
Survey by J.P. MENNE Notes J.R.M. | Notes Chkd. | Checked | X-Sec.
Indexed H.E. OTT | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER RID USED			
					M.D.	GRADE EL	CUT	
9+75				3.34		2.54	0.80	
10+00				3.40		2.60	0.80	
10+25				3.34		2.66	0.68	
10+50				3.40		2.72	0.68	
10+75				3.42		2.78	0.64	
11+00				3.58		2.84	0.74	
11+25				3.73		2.90	0.83	
11+50				3.87		2.96	0.91	
11+75				4.07		3.02	1.05	
11+98		OUTLET		4.47	0.060	3.08	1.39	
12+00		CTR. M.H.						
12+02		INLET		4.49		3.08	1.41	
12+25 I.P.				4.84		3.14	1.70	
12+50				5.18		3.20	1.98	
12+75				4.95		3.26	1.69	
13+00				4.53		3.32	1.21	
13+25				4.72		3.38	1.34	
13+50				4.76		3.44	1.32	
13+75				4.78		3.50	1.28	
14+00				4.90		3.56	1.34	

1+12 ℄ Ts 4' LEFT ℄ SEWER

76298 S & E #307—7-55

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Profile Notes Red. Plotted Job No. 0739.01 Division No. F. B. 2679 Pg. 103
No. Date Date Survey of MARINA DEL REY
X-Sec. Notes Chkd. Checked Survey by J.P. MENNE Date 4-3-61
No. Date Date Map No. Indexed Date

LENKER ROD USED

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE EL	CUT	
					0+00		
14+25				5.07	3.62	1.45	
14+50				5.19	3.68	1.51	
14+75				5.16	3.74	1.42	
15+00				5.00	3.80	1.20	
15+25				4.95	3.86	1.09	
15+50				5.15	3.92	1.23	
15+75				5.10	3.98	1.12	
15+98		OUTLET		5.22	4.04	1.18	
16+00		CTR. M.H.					
16+02.70		INLET		5.24	4.04	1.20	
16+25				5.36	4.10	1.26	
16+50				5.39	4.16	1.23	
16+75				5.41	4.22	1.19	
17+00				5.40	4.28	1.12	
17+25				5.39	4.34	1.05	
17+50				5.33	4.40	0.93	
17+75				6.33	4.46	0.87	
18+00				5.40	4.52	0.88	
18+25				5.50	4.58	0.92	
18+50				5.58	4.64	0.94	

0+70 @ 0.24

17+25 ℄ TS 4' LEFT ℄ SEWER

H. E. OTT

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
18+75				5.65	↑	4.70	0.95	1x2 & Ts 4' LEFT ℄ SEWER	
19+00				5.95	0.24%	4.76	1.19		
19+25				6.17		4.82	1.35		
19+50				6.09		4.88	1.21		
19+75				5.97	↓	4.94	1.03		
19+98		OUTLET		5.91		5.00	0.91		
20+00		CTR. M.H.							
TBM 5-#33				10.05				TBM 5-33 Elev.=10.05 Bt. SP. in lead Blk. STA. 48+85± FB 2679-94	
	STA. 0+82.10		TO	STA. 8	+	10.18	→ PG. 6		
(FD) T.B.M. 5-36				10 03					T.B.M. 5-36 FB.2679-94
0+82.10		CTR. J.C.							
0+84.10		INLET		3 80	↑	-0.98	4.78	1x2 & Ts 4' RT. ℄ SEWER	
1+00				3 12		-0.95	4.07		
1+25				2 59		-0.91	3.50		
1+50				2 59	0.16%	-0.87	3.46		
1+75				2 63		-0.83	3.46		
2+00				2 51		-0.79	3.30		
2+25				2 65	↓	-0.75	3.40		

F. B. 2679 Pg. 184 Job No. 0739.01 Division No. Notes Red. Plotted Profile
Survey of MARINA DEL REY 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. 0739.01 Division No. F. B. 2679 Pg. 105
No. Date Date Survey of MARINA DEL REY
X-Sec. Notes Ckd. Checked Survey by J.P. MENUT Notes J.P.M. Date 4-6-61
No. Date Date Map No. Indexed E. OTT Date

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
2+50				2 66		-0.71	3.37	
2+75				2 75		-0.67	3.42	
3+00				2 79		-0.63	3.42	
3+25				2 95		-0.59	3.54	
3+50				2 74		-0.55	3.29	
3+75				2 50		-0.51	3.01	
4+00				2 35		-0.47	2.82	
4+25				1 97		-0.43	2.40	
4+48 T.P		OUTLET		1 96		-0.39	2.35	
4+50		CTR. M.H.						
4+52		INLET		1 94	0.16%	-0.39	2.33	
4+75				2 00		-0.35	2.35	
5+00				2 09	0	-0.31	2.40	
5+25				2 17		-0.27	2.44	
5+50				2 33		-0.23	2.56	
5+75				2 35		-0.19	2.54	
6+00				2 06		-0.15	2.21	
6+25				2 03		-0.11	2.14	
6+50				1 98		-0.07	2.05	
6+75				1 90		-0.03	1.93	

12" & 15" RT. & LT. SEWER

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
7+00				1.98	↑	+0.01	1.97	1x2 ℄ Ts 4' RT. ℄ SEWER	
7+25				1.99	0.16%	0.05	1.94		
7+50				2.06		0.09	1.97		
7+75				2.35		0.13	2.22		
8+00				2.86		0.17	2.69		
8+08.18		OUTLET		3.65	↓	0.18	3.47	↓	
8+10.18		CTR. J.C.							
(FD) T.B.M. S-37				10.02					T.B.M. S-37. EL.=10.025 F.B.2679-94
	0+64.02 J.C. TO			16+66	SEWER PLANS PG. 3-4-B				
(FD) T.B.M. S-37				10.02					T.B.M. S-37 - F.B.2679-94 BLK. STA. 21+72.69
0+64.02		CTR. J.C.			↑			1x2 ℄ Ts 4' LEFT ℄ SEWER	
0+66.02		INLET		3.97		0.40	3.57		
0+75 T.P.				2.97		0.41	2.56		
1+00				2.39		0.45	1.94		
1+25				2.13	0.16%	0.49	1.64		
1+50				1.85		0.53	1.32		
1+75				1.72		0.57	1.15		
2+00				2.18	↓	0.61	1.57		
2+25				2.23		0.65	1.58		

F. B. 2679 PG. 106 Job No. 0739.01 Division No. Notes Red. Plotted Profile
Survey of MARINA DEL REY Date Date No.
Survey by J.P. MENNE Notes J.P.M. Notes Chkd. Checked X-Sec.
Indexed H. L. UTT 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			
					%	GRADE EL	CUT	
2+50				2.40		0.69	1.71	1x2 ℄ TS 4' LEFT ℄ SEWER
2+75				2.19	0.16%	0.73	1.46	
3+00				2.15		0.77	1.38	
3+25				2.17		0.81	1.36	
3+50				2.27		0.85	1.42	
3+75				2.58		0.89	1.69	
3+97.94		OUTLET		2.64		0.93	1.71	
3+99.94		CTR. M.H.						
4+01.94		INLET		2.89		1.01	1.88	1x2 ℄ TS 4' RT. ℄ SEWER
4+25				2.93		1.07	1.86	
4+50				2.94		1.13	1.81	
4+75				2.86		1.19	1.67	
5+00				2.91	0.24%	1.25	1.66	
5+25				3.00		1.31	1.69	
5+50				3.19		1.37	1.82	
5+75				3.37		1.43	1.94	
6+00				3.47		1.49	1.98	
6+25				3.50		1.55	1.95	
6+50				3.40		1.61	1.79	
6+75				3.22		1.67	1.55	

Profile Notes Red. ____ Plotted ____ Job No. 0739.01 Division No. ____ F. B. 2679 Pg. 107
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 4-11-61
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			
					%	GRADE EL	CUT	
6+98		OUTLET		3.13		1.73	1.40	
7+00		CTR. M.H						
7+02		INLET		3.18		1.73	1.45	
7+25				3.21		1.79	1.42	
7+50				3.35		1.85	1.50	
7+75				3.34		1.91	1.43	
8+00				3.39	0.24%	1.97	1.42	1+2 ℄ TS 4' RT. ℄ SEWER
8+25				3.50		2.03	1.47	
8+50				3.65		2.09	1.56	
8+75				3.51		2.15	1.36	
9+00				3.29		2.21	1.08	
9+25				3.28		2.27	1.01	
9+50				3.20		2.33	0.87	
9+75				3.39		2.39	1.00	
9+98		OUTLET		3.29		2.45	0.84	
10+00		CTR. M.H.						
10+02		INLET		3.38		2.45	0.93	
10+25				3.87		2.51	1.36	
10+50				4.33		2.57	1.76	
10+75				4.52		2.63	1.89	

F. B. 2679 PG. 108 | Job No. 0739.01 | Division No. | Notes Red. | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No.
Survey by J.P. MENNE | Notes J.P.M. | Notes Chkd. | Checked | X-Sec.
Indexed H. L. OTT | 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				
					%	GRADE EL	CUT		
11+00				4.74		2.69	2.05		
11+25				4.84		2.75	2.09		
11+50				4.73		2.81	1.92		
11+75				4.57		2.87	1.70		
12+00				4.68		2.93	1.75		
12+25				4.83		2.99	1.84		
12+50				5.04		3.05	1.99		
12+75				5.24		3.11	2.13		
12+98		OUTLET		5.13	0.24%	3.17	1.96	1x2 & Ts 4' RT & SEWER	
13+00		CTR. M.H.							
13+02		INLET		5.15		3.17	1.98		
13+25				5.25		3.23	2.02		
13+50				5.30		3.29	2.01		
13+75				5.39		3.35	2.04		
14+00				5.58		3.41	2.17		
14+25				5.82		3.47	2.35		
14+50 T.P.				5.85		3.53	2.32		
14+75				5.92		3.59	2.33		
15+00				6.02		3.65	2.37		
15+25				6.25		3.71	2.54		

Profile Notes Red. ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 PG. 109
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 4-13-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76298 S & E #307—7-55

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F. B. 2679 Pg. 110 | 6739.01 Job No. | Division No. | Notes Red | Plotted | Profile
Survey of MARINA DEL REY | Date | No. | X-Sec.
Survey by J.P. MENNE Notes J.P.M. | Notes Chkd. | Checked
Indexed H.E. OTT | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
15+50				6.37		3.77	2.60	
15+75				6.35		3.83	2.52	
16+00				6.10	0.24%	3.89	2.21	14" ES 4' RT. & SEWER
16+25				6.03		3.95	2.08	
16+50				5.95		4.01	1.94	
16+64		OUTLET		5.68		4.04	1.64	
16+66		CTR. M.H.						
(FD) TBM 5-#40				10.04	TBM 5-40 Elev = 10.035 Bulkhead Sta. = 5+42 ± F.B. 2679-95			
					STA. 0+98.55 TO STA 6+32.59			
(FD) T.B.M. 5-40				10 03	T.B.M. 5-40 SEWER PLANS PG. 4-A & 5			
0+98.55		CTR. M.H.						
1+00.55		INLET		5.62		4.21	1.41	
1+25				5.39		4.27	1.12	
1+50				5.58		4.33	1.25	
1+75				5.85	0.24%	4.39	1.46	
2+00				5.97		4.45	1.52	
2+25				6.05		4.51	1.54	
2+50				6.10		4.57	1.53	
2+75				6.22		4.63	1.59	
3+00				6.40		4.69	1.71	

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
3+25				6.53		4.75	1.78		
3+50				6.58		4.81	1.77		
3+75				6.45		4.87	1.58		
4+00				6.44		4.93	1.51		
4+17.78		OUTLET		6.41		4.98	1.43		
4+19.78		CTR. M.H.							
4+21.78		INLET		6.40		4.98	1.42		
4+ 25 T.P.				6.41	0.24 %	4.99	1.42		
4+50				6.43		5.05	1.38		
4+75				6.42		5.11	1.31		
5+00				6.46		5.17	1.29		
5+25				6.34		5.23	1.11		
5+50				6.22		5.29	0.93		
5+75				6.28		5.35	0.93		
6+00				6.30		5.41	0.89		
6+25				6.16		5.47	0.69		
6+30.59		OUTLET		6.12		5.49	0.63		
6+32.59		CTR. M.H.							
TBM 5-41				10.02	TBM 5-41 FB 2679-95 Bulkhd.			ELEV. 10.01 STA. 0+00 ±	

1+2 ETS 4' RT. & SEWER

Profile Notes Red. ____ Plotted ____ Job No. 0739.01 Division No. ____ F. B. 2679 Pg. 111
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 4-19-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2679 Pg. 112

Job No. Division No. Notes Red. Plotted

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

Profile

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

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76298 S & E #307—7-55

Profile No.	Notes Red.	Plotted	Job No. 0739.01	Division No.	F. B. 2679 Pg. 113
	Date	Date	Survey of MARINA DEL REY		
X-Sec. No.	Notes Chkd. T.P.	Checked	Survey by J.P. MENNE	Notes J.P.M	Date 4-17-61
	Date 4-66	Date	Map No.	Index H. E. OTT	Date

LEVELS
FOR
SEWERS
ON
MOLE 5 – 6

FROM: 302+88
TO: 366+80

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

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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F. B. 2679 Pg. 114 | Job No. 0739.01 | Division No. | Notes Red. | Plotted | Profile
Survey of MARINA DEL REY | Date | No. | X-Sec.
Survey by L.P.M.ENG. Notes J.P.M. | Date | Notes Chkd. | Checked
Indexed H.E.OTT | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
(FD) T.B.m. S-11	4 935	15 020		10 085	T.B.m. S-11 F.B. 2679-28	BLK. STA. 292 +59.11 BT. SPK. TOP WALL
(SET) T.B.m. S-42	5 130	15 135	5 015	10 005	T.B.m. S-42	BLK. STA. 296+48 ± BT. SPK. TOP WALL
	3 105	14 590	3 650	11 485		
(SET) T.B.m. S-43	5 105	15 150	4 545	10 045	T.B.m. S-43	BLK. STA. 302 +88 ± BT. SPK. TOP WALL
	4 810	16 760	3 200	11 950		
(SET) T.B.m. S-44	6 590	16 600	6 750	10 010	T.B.m. S-44	BLK. STA. 308+28 ± BT. SPK. TOP WALL
(SET) T.B.m. S-45	5 605	15 590	6 615	9 985	T.B.m. S-45	BLK. STA. 311 +65 ± BT. SPK. TOP WALL
	1 405	14 990	2 005	13 585		
(SET) T.B.m. S-46	4 670	14 675	4 985	10 005	T.B.m. S-46	BLK. STA. 317 +42 ± BT. SPK. TOP WALL
	3 125	14 050	3 750	10 925		
(SET) T.B.m. S-47	4 300	14 330	4 020	10 030	T.B.m. S-47	BLK. STA. 324+25 ± BT. SPK. TOP WALL
	4 220	15 175	3 375	10 955		
(SET) T.B.m. S-48	5 100	15 120	5 155	10 020	T.B.m. S-48	BLK. STA. 329 +65 ± BT. SPK. TOP WALL
	3 350	14 035	4 435	10 685		
(SET) T.B.m. S-49	5 370	15 360	4 045	9 990	T.B.m. S-49	BLK. STA. 335+68 ± BT. SPK. TOP WALL
	3 190	14 855	3 695	11 665		
(SET) T.B.m. S-50	5 350	15 360	4 845	10 010	T.B.m. S-50	BLK. STA. 340 +00 ± BT. SPK. TOP WALL
	4 100	14 830	4 630	10 730		
(SET) T.B.m. S-51	5 455	15 455	4 830	10 000	T.B.m. S-51	BLK. STA. 347 + 45 ± BT. SPK. TOP WALL
	4 465	15 155	4 765	10 690		
T.B.m. S-52	5 805	15 860	5 100	10 055	T.B.m. S-52	BLK. STA. 352 + 85 ± BT. SPK. TOP WALL

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		15 860				
T.P.	3 375	16 105	3 130	12730		
	5 460	20 465	1 100	15005		
	5 045	21 110	4 400	16065		
	3 425	20 800	3 735	17 375		
	1 495	17 335	4960	15 840		
	3 940	15 745	5 530	11 805		
(Fd.) M.D.R. B.M. 51-A			4 615	11 130	M.D.R. B.M. 51-A Lincoln Blvd. & ℄ Prod. Mole No. 6 L & T in Conc. pavement. EL= 11.14. FB 2380-208	
					TBM 5-52 Elev.= 10.055 FB 2679-114	
TBM 5-52	4.910	14.965		10.055	Bulkhead Sta. 352+85 ±	Bt. Spk. in Wall
T.P.	4.005	15.415	3.555	11.410		
TBM 5-66	3.960	13.990	5.385	10.030	T.B.M. 5-66	BLK. STA. 356+40 ± BT. SPK. TOP WALL
T.P.	5.935	15.235	4.690	9.300		
TBM 5-67	6.445	16.495	5.185	10.050	T.B.M. 5-67	BLK. STA. 361+10 ± BT. SPK. TOP WALL
T.P.	5.065	15.540	6.020	10.475		
TBM 5-68	5.260	15.270	5.530	10.010	T.B.M. 5-68	BLK. STA. 366+80 ± (See page 142) BT. SPK. TOP WALL
T.P.	4.220	17.225	2.265	13.005		
T.P.	4.090	16.615	4.700	12.525		
TBM 5-69	6.430	16.450	6.595	10.020		
T. P.	4.220	16.105	4.565	11.885		
T. P.	3.015	15.735	3.385	12.720		

Profile Notes Red. Plotted Job No. 07134.01 Division No.
No. Date Date Survey of MARINA DEL REY F.B. 2679 Pg. 115
X-Sec. Notes Chkd. Checked Survey by J.P. MENNE Notes J.P.M. Date 4-25-61
No. Date Date Map No. Indexed H. E. UTT Date

F. B. 2679 Pg. 116 | Job No. 0739.01 Division No. Notes Red. Plotted Profile

Survey of MARINA DEL REY 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—7-53

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STATION	B. S.	H. I.	F. S.	ELEV.
TBM S. 70				
			5.675	10.960

Notes Ck'd by		Survey of MARINA DEL REY	F. B. 2679 PG. 117
Map No.		JN 0739-01 Tape Std. °F	
Office Work		Surveyed by J.P. MENNE	
Checked		Notes J.P.M Date 4-61	
Date		Indexed H. E. 01 4-61	

SEWER LOCATION

CAPITOL PROJECT NO. 8910.76

MARINA DEL REY

STA. 1+45.34	TO	STA. 15+00	PER SEWER PLANS	PG. 29-30-A
STA. 1+72.93	TO	STA. 9+50	" " "	PG. 41
STA. 1+00	TO	STA. 14+00	" " "	PG. 31-32-B
STA. 3+99.95	TO	STA 16+00	" " "	PG. 33-34

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

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76F3098 S&E #247 11-58

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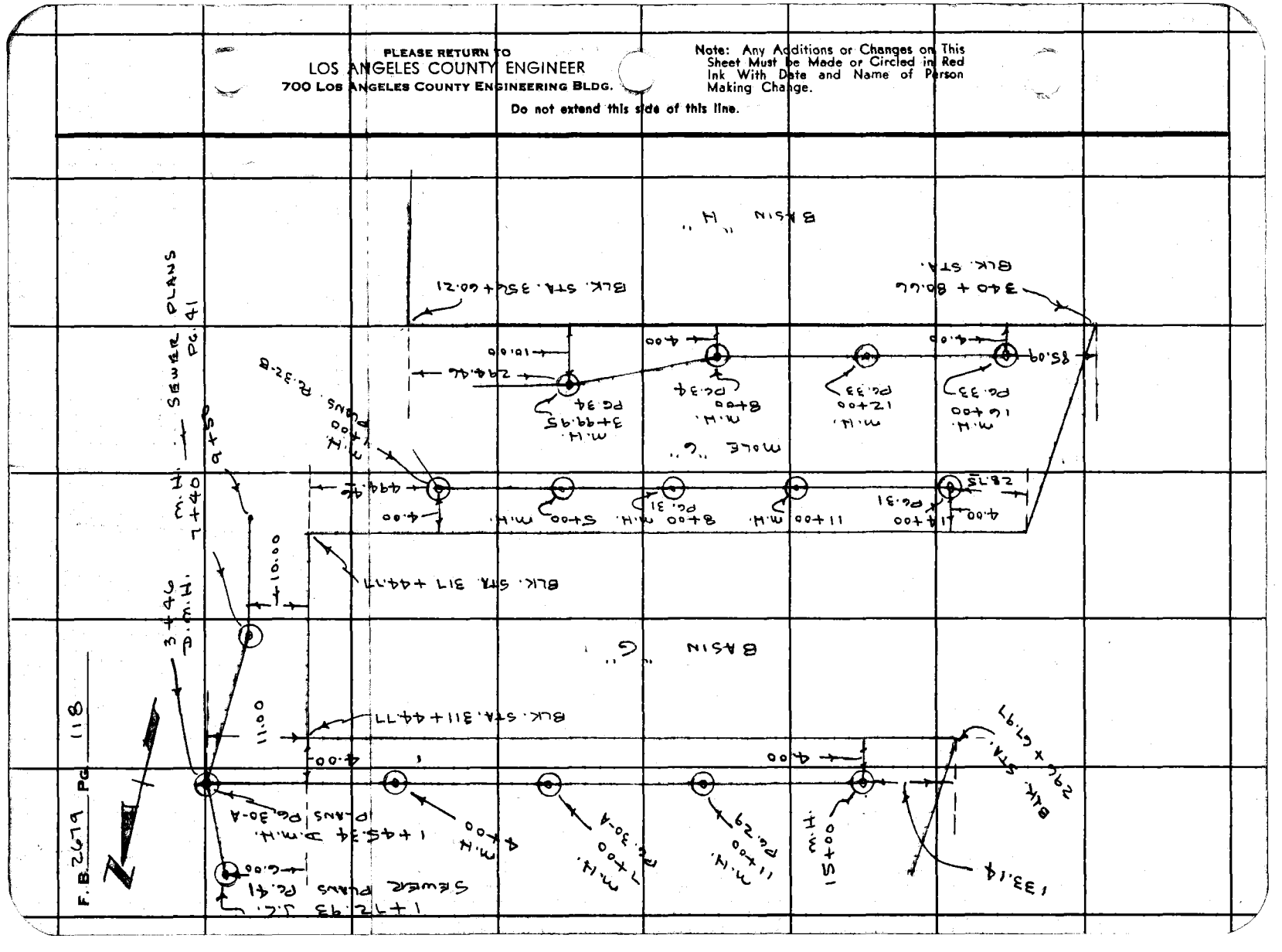

Profile No.	Notes Red.	Plotted	Job No. 0739-01 Division No.	F. B. 2679 Pg. 119
	Date	Date	Survey of MARINA DEL REY	
X-Sec. No.	Notes Chkd.	Checked	Survey by J.P.MENNE Notes J.P.M. Date 4-25-61	
	Date	Date	Map No. Indexed H. E. OTT Date	

C. P. No. 8910.76

MARINA DEL REY

SEWER CONSTRUCTION STAKES

FROM

				PGS.
STA. 1+45.34	TO	STA. 15+00	SEWER PLANS	29-30-A
STA. 1+72.93	TO	STA. 9+50	" "	41
STA. 1+00	TO	STA 14+00	" "	31-32-B
~~STA. 3+99.95~~	~~TO~~	~~STA 16+00~~	" "	~~33-34~~

STAKES & TINS 4' RT. & SEWER STA. 1+45.34 TO STA. 15+00 PG. 29-30-A-SEWER PLANS

STAKES & TINS 4' RT. & SEWER STA. 3+46 TO STA. 9+50 PG. 41

STAKES & TINS 20' LEFT & SEWER STA. 1+72.93 TO 3+46 PG. 41

STAKES & TINS 4' LEFT & SEWER STA. 1+00 TO 14+00 PG. 31 & 32-B

STAKES & TINS 4' RT. & SEWER STA. 3+99.95 TO 16+00 PG. 33-34

ELEV.: TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD

F. B.:

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

B. B.:

STATION:

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76298 S & E #307—7-55

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
(FD) T.B.M. S-45				9.98					T.B.M. S-45 BLK. STA. 311+65± BT. SPK. TOP WALL F.B. 2679-114
1+45.34		CTR. D.M.H.							
1+47.34		INLET		1.07		1.22	F 0.15		
1+50				0.89		1.23	F 0.34		
1+75				3.33		1.30	2.03		
2+00				2.81		1.37	1.44		
2+25				2.96		1.44	1.52		
2+50				3.17		1.51	1.66		
2+75				3.30	0.28%	1.58	1.72		
3+00				3.36		1.65	1.71		
3+25				3.23		1.72	1.51		
3+50				3.09		1.79	1.30		
3+75				3.23		1.86	1.37		
3+98		OUTLET		3.35		1.93	1.42		
4+00		CTR. M.H.							
4+02		INLET		3.36		1.93	1.43		
4+25				3.27		2.00	1.27		
4+50				3.60		2.07	1.53		
4+75				3.66		2.14	1.52		
5+00 T.P.				3.67		2.21	1.46		

1+2 & TS 4' RT. ℄ SEWER

F. B. 2679 Pg. 120
Job No. 0739.01 Division No. Notes Red. Plotted Profile
Survey of MARINA DEL REY 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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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL.	CUT	
5+25				3.66		2.28	1.38	
5+50				3.72		2.35	1.37	
5+75				3.78		2.42	1.36	
6+00				3.96		2.49	1.47	
6+25				4.10		2.56	1.54	
6+50				4.23		2.63	1.60	
6+75				4.37		2.70	1.67	
6+98		OUTLET		4.43		2.77	1.66	
7+00		CTR. M.H.						
7+02		INLET		4.43	0.28 %	2.77	1.66	
7+25				4.65		2.84	1.81	
7+50				4.73		2.91	1.82	
7+75				4.67		2.98	1.69	
8+00				4.62		3.05	1.57	
8+25				4.54		3.12	1.42	
8+50				4.45		3.19	1.26	
8+75				4.46		3.26	1.20	
9+00				4.61		3.33	1.28	
9+25 T.P.				4.85		3.40	1.45	
9+50				4.78		3.47	1.31	

1+2 & 4' RT. & SEWER

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0739.01 Division No. ____ F. B. 2679 Pg. 121
Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 4-25-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
9+75				4.78		3.54	1.24	
10+00				4.81		3.61	1.20	
10+25				4.94		3.68	1.26	
10+50				4.91		3.75	1.16	
10+75				4.97		3.82	1.15	
10+98		OUTLET		5.10		3.89	1.21	
11+00		CTR. M.H.						
11+02		INLET		5.20		3.89	1.31	
11+25				5.40	0.28%	3.96	1.44	
11+50				5.39		4.03	1.36	
11+75				5.47		4.10	1.37	
12+00				5.51		4.17	1.34	
12+25				5.45		4.24	1.21	
12+50				5.54		4.31	1.23	
12+75				5.83		4.38	1.45	
13+00				5.83		4.45	1.38	
13+25				5.95		4.52	1.43	
13+50				6.14		4.59	1.55	
13+75				6.19		4.66	1.53	
14+00				6.26		4.73	1.53	

1+2 & Ts 4' RT. & SEWER

F. B. 2679 Pg. 122 | Job No. 0739.01 | Division No. | Notes Red. | Plotted | Profile
Survey of MARINA DEL REY | 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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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
14+25				6.25	0.28%	4.80	1.45	1+2 & TS 4' RT. ℄ S.	
14+50				6.33		4.87	1.46		
14+75				6.22		4.94	1.28		
14+98		OUTLET		6.16		5.00	1.16		
15+00		CTR. M.H.							
(FD) TBM 5-#42				10.00	TBM 5-42 F.B. 2679-114		Bulkhead	Elev.	10.005 Sta. 296+48 ±
	STA. 3+46 TO STA. 9+50								PG. 41
(FD) T.B.M. 5-45				9.98					T.B.M. 5-45 F.B. 2679-114 BLK. STA. 311+65 ±
3+46		CTR. D.M.H.							
3+48		INLET		1.11		-3.00	4.11	1+2 & TS 4' RT. ℄ SEWER	
3+50				1.17		-2.99	4.16		
3+75				0.82		-2.95	3.77		
4+00				0.80		-2.91	3.71		
4+25				0.76	0.16%	-2.87	3.63		
4+50				0.91		-2.83	3.74		
4+75				1.02		-2.79	3.81		
5+00				1.25		-2.75	4.00		
5+25				1.41		-2.71	4.12		
5+50				1.42		-2.67	4.09		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 PG. 123
Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 4-25-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76298 S & E #307—7-55

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F. B. 2679 Pg. 124 | Job No. 0739.01 | Division No. | Notes Red. | Plotted | Profile
Survey of MARINA DEL REY | Date | Date | No.
Survey by J.P. MENNA | Notes J.P.M. | Notes Chkd. | Checked | X-Sec.
Indexed H.E. UIT | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					STA	GRADE EL	CUT	
5+75				1.30		-2.63	3.93	
6+00				1.46		-2.59	4.05	
6+25				1.54		-2.55	4.09	
6+50				1.53		-2.51	4.04	
6+75				1.48		-2.47	3.95	
7+00				1.44		-2.43	3.87	
7+25				1.38		-2.39	3.77	
7+38		OUTLET		1.35		-2.37	3.72	
7+40		CTR. M.H.						
7+42		INLET		1.27		-2.37	3.64	
7+50				1.33		-2.35	3.68	
7+75				1.54		-2.31	3.85	
8+00				1.44		-2.27	3.71	
8+25				1.80		-2.23	4.03	
8+50				1.40		-2.19	3.59	
8+75				1.63		-2.15	3.78	
9+00				1.53		-2.11	3.64	
9+25				1.67		-2.07	3.74	
9+50 T.P. (FD)				3.37		-2.03	5.40	
T.B.m. S-46				9.99				

9+00 TO 9+50 — 12" VCP & MH & 4" PVC SEWER

9+62 CUT 6.14

T.B.m. S-46 BT. SPK.
EL. = 10.005
BLK. STA. 317+42±

76298 S & E #307—7-55

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Profile Notes Red. Plotted Job No. 0734.01 Division No.
No. Date Date Survey of MARINA DEL REY
X-Sec. Notes Chkd. Checked Survey by J.P. MENNE Noted J.P.M. Date 5-3-61
No. Date Date Map No. Indexed H. E. OTT Date

F. B. 2679 Pg. 125

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED %	GRADE EL	CUT	
	STA. 1+72.93 TO STA 3+46 — PG. 41 — SEWER PLANS							
(FD) T.B.m. S-45				9 98				T.B.m. S-45 — F.B. 2679-114
1+72.93		CTR. J.C.						
1+74.93		INLET		17 48		- 3.27	20.75	
2+00				15 79		- 3.23	19.02	
2+25				15 15	0.10	- 3.19	18.34	
2+50				14 69	0.10	- 3.15	17.84	
2+75				15 17	0.10	- 3.11	18.28	
3+00				15 23		- 3.07	18.30	
3+25				15 46		- 3.03	18.49	
3+44		OUTLET		15 33		- 3.00	18.33	
3+46		CTR. D.M.H.						
FD. T.B.m. S-9				9 98				T.B.m. S-9 — F.B. 2679-28 EL. 9.99
	STA. 1+00 TO STA. 14+00 — PGS. 31-32-B — SEWER PLANS							
(FD) T.B.m. S-47				10 03				T.B.m. S-47 — F.B. 2679-114
1+00		CTR. M.H.						
1+02		INLET		4.08	0.24	1.88	2.20	
1+25				4.26	0.24	1.94	2.32	
1+50				4.27	0.24	2.00	2.27	

1+72 ETS 20' LEFT & SEWER

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
1+75				4.20		2.06	2.14	
2+00				4.13		2.12	2.01	
2+25				3.96		2.18	1.78	
2+50				4.08		2.24	1.84	
2+75				4.26		2.30	1.96	
3+00				4.44		2.36	2.08	
3+25				4.62		2.42	2.20	
3+50				4.76		2.48	2.28	
3+75				4.76	0.24%	2.54	2.22	4' LEFT & SEWER
4+00				4.76		2.60	2.16	
4+25				4.72		2.66	2.06	
4+50				4.73		2.72	2.01	
4+75				4.75		2.78	1.97	
4+98 T.P.		OUTLET		4.75		2.84	1.91	
5+00		CTR. M.H.						
5+02		INLET		4.73		2.84	1.89	1x2 & TS
5+25				4.92		2.90	2.02	
5+50				4.98		2.96	2.02	
5+75				5.12		3.02	2.10	
6+00				4.98		3.08	1.90	

F. B. 2679 Pg. 126 Job No. 0739.01 Division No. Notes Red. Plotted Profile
Survey of MARINA DEL REY 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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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
6+25				4.98		3.14	1.84	
6+50				5.04		3.20	1.84	
6+75				5.01		3.26	1.75	
7+00				5.04		3.32	1.72	
7+25				4.98		3.38	1.60	
7+50				5.09		3.44	1.65	
7+75				5.29		3.50	1.79	
7+98		OUTLET		5.36		3.56	1.80	
8+00		CTR. M.H.						
8+02 T.P.		INLET		5.39	0.24 %	3.56	1.83	
8+25				5.46		3.62	1.84	
8+50				5.51		3.68	1.83	
8+75				5.54		3.74	1.80	
9+00				5.72		3.80	1.92	
9+25				5.84		3.86	1.98	
9+50				5.83		3.92	1.91	
9+75				5.90		3.98	1.92	
10+00				5.91		4.04	1.87	
10+25				6.06		4.10	1.96	
10+50				6.13		4.16	1.97	

1+2 ℄ TS 4' LEFT ℄ SEWER

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0739.01 Division No. ____ F. B. 2679 Pg. 127
Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 5-3-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76298 S & E #307—7-55

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F. B. 2679 Pg. 128 | Job No. 0739.01 | Division No. | Notes Red. | Plotted | No. | Profile
Survey of MARINA DEL REY | Date | Date | X-Sec.
Survey by J.P. MENNUTI Notes J.P.M. | Notes Chkd. | Checked | No.
Indexed H.E. OTT | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
10+75				6.18		4.22	1.96	
10+98		OUTLET		6.28		4.28	2.00	
11+00		CTR. M.H.						
11+02		INLET		6.31		4.28	2.03	
11+25				6.32		4.34	1.98	
11+50				6.26		4.40	1.86	
11+75				6.26		4.46	1.80	
12+00				6.34		4.52	1.82	
12+25				6.28		4.58	1.70	
12+50				6.28		4.64	1.64	
12+75 T.P.				6.39		4.70	1.69	
13+00				6.39		4.76	1.63	
13+25				6.34		4.82	1.52	
13+50				6.29		4.88	1.41	
13+75				6.32		4.94	1.38	
13+98		OUTLET		6.56		5.00	1.56	
14+00		CTR. M.H.						
(FD) T.B.M. S-49				9.98				T.B.M. S-49 · F.B. 2679-114 EL.= 9.99

-2.40 — 12" C.M.P. & T's & LEFT & SEWER

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
	STA. 3+99.95 TO			STA. 16+00	PER SEWER PLANS PG. 33 & 34				
					M.O.	GRADE EL	CUT		
(F.S.) T.B.M. S-52				10 05					T.B.M. S-52 - F.B. 2679-114 BT. SPK. TOP WALL
3+99.95		CTR. M.H.							
4+01.95		INLET		2.72		1.12	1.60		
4+25				2.60		1.18	1.42		
4+50				2.87		1.24	1.63		
4+75				3.13		1.30	1.83		
5+00				3.10		1.36	1.74		
5+25				3.10		1.42	1.68		
5+50				3.25	0.24 TO	1.48	1.77		
5+75				3.54		1.54	2.00		
6+00				3.55		1.60	1.95		
6+25				3.60		1.66	1.94		
6+50				3.58		1.72	1.86		
6+75				3.51		1.78	1.73		
7+00				3.57		1.84	1.73		
7+25				3.79		1.90	1.89		
7+50				3.92		1.96	1.96		
7+75				3.96		2.02	1.94		
7+98		OUTLET		4.11		2.08	2.03		

SEWER & STS & 24 IN

Profile Notes Red. Plotted Job No. 07391-01 Division No. F.B. 2679 Pg. 129
No. Date Date Survey of MARINA DEL REY
X-Sec. Notes Chkd. Checked Survey by J.P.M. & W.N.E. Notes J.P.M. Date 5-8-61
No. Date Date Map No. Index H. E. OTT Date

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
8+00		CTR. M.H.						
8+02		INLET		4.13		2.08	2.05	
8+25 TP				4.07		2.14	1.93	
8+50				4.15		2.20	1.95	
8+75				4.30		2.26	2.04	
9+00				4.36		2.32	2.04	
9+25				4.46		2.38	2.08	
9+50				4.37	0.24%	2.44	1.93	
9+75				4.49		2.50	1.99	
10+00				4.49		2.56	1.93	
10+25				4.54		2.62	1.92	
10+50				4.46		2.68	1.78	
10+75				4.32		2.74	1.58	
11+00				4.33		2.80	1.53	
11+25				4.40		2.86	1.54	
11+50				4.44		2.92	1.52	
11+75				4.34		2.98	1.36	
11+98		OUTLET		4.32		3.04	1.28	
12+00		CTR. M.H.						
12+02		INLET		4.34		3.04	1.30	

1+2 ± TS 4' RT. & SEWER

F. B. 2679 PG. 130

Job No. 0739.01 Division No. Notes Red. Plotted Profile

Survey of MARINA DEL REY 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.

76L298 307 10-51

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726 LOS ANGELES COUNTY
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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				
					%	GRADE EL	CUT		
12+25				4.43		3.10	1.33		
12+50 T.P.				4.65		3.16	1.49		
12+75				4.75		3.22	1.53		
13+00				5.06		3.28	1.78		
13+25				5.18		3.34	1.84		
13+50				5.08		3.40	1.68		
13+75				4.91	0.24 %	3.46	1.45	1+2 & T3 4' RT. ℄ SEWER	
14+00				5.08		3.52	1.56		
14+25				5.01		3.58	1.43		
14+50				5.02		3.64	1.38		
14+75				5.26		3.70	1.56		
15+00				5.40		3.76	1.64		
15+25				5.22		3.82	1.40		
15+50				5.27		3.88	1.39		
15+75				5.19		3.94	1.25		
15+98 T.P.		OUTLET		4.91		4.00	0.91		
16+00		CTR. M.H							
TBM 5-50				10.00	TBM 5-50 Bt. sp in wall		Bulkhead	Elev. = 10.01 Sta. 340+00 ±	FB 2679 114

Profile No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 Pg. 131

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

Survey by J.P. MENNIE Notes J.P.M. Date 5-9-61

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

F.B. 2679 PG. 132 | Job No. 0739-01 | 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.	

76L298 307 10-51

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

Survey of	MARINA DEL REY
JN	0739.01 Tape Std °F
Surveyed by	J.P. MENNE
Notes	J.P.M. Date 5-26-61
Indexed	H. E. OTT

F. B. 2679 Pg. 133

SEWER LOCATION

C. P. No. 8910.76

MARINA DEL REY

STA. 0+50.34 TO STA. 3+00 PER SEWER PLANS Pg. 19-A

STA. 1+23 TO STA 2+94 " " " Pg. 30-A

J. P. MENNE

W. J. VOGE

L. C. LOVE

H. B. 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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76F3088 S&E #247 11-58

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700 Los Angeles County Engineering Bldg.

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Profile No. ____ X-Sec. No. ____

Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 0739.01 Division No. ____

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

Survey of MARINA DEL REY

Survey by J.P. MENNE Notes J.P.M Date 5-9-61

Index H. E. OTT Date ____

F.B. 2679 PG. 135

C.P. No. 8910.76

MARINA DEL REY

SEWER CONSTRUCTION STAKES

FROM

			Pg.
STA. 0+50.34	TO STA. 3+00	SEWER PLANS	19-A
STA. 1+23.00	TO STA. 2+94	" "	30-A

STAKES & TINS 8' RT. ℄ SEWER STA. 0+50.34 TO 3+00

STAKES & TINS 8' RT ℄ SEWER STA 1+23 TO 2+99

STAKES & TINS 8' RT ℄ SEWER STA. 3+02 TO 4+77

ELEV. TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD

F.S.

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

B.S. H. B. ROBBINS

STATION

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761.298 307 10-51

76L298 307 10-51

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
(FD) T.B.m. S-45				9 98	T.B.m. S-45		BLK. STA. 311+65± BT. SPK. TOP WALL	F.B. 2679-114
					%	GRADE EL	CUT	
0+50.34		CTR. J.C.						
0+52.34		INLET		15.39		-3.09	18.48	
0+75				15.30		-2.77	18.07	
1+00				15.17		-2.42	17.59	
1+25				15.24		-2.07	17.31	
1+50				14.64	1.40 %	-1.72	16.36	1+2 ℄ Ts 8' RT. ℄ SEWER
1+75				14.48		-1.37	15.85	
2+00				14.44		-1.02	15.46	
2+25				14.46		-0.67	15.13	
2+50				14.28		-0.32	14.60	
2+75				14.58		+0.03	14.55	
2+98 T.P.		OUTLET		14.60		0.35	14.25	
3+00		CTR. M.H.						
	STA. 1+23 TO 2+94			PLANS PG. 30-A				
1+23		CTR. M.H.						
1+25		INLET		14.65		0.55	14.10	
1+50				14.42	0.40 %	0.65	13.77	
1+75				14.50		0.75	13.75	
2+00				13.94		0.85	13.09	

F.B. 2679 PG. 136 Job No. 0739.01 Division No. Notes Red. Plotted Profile
Survey of MARINA DEL REY Date Date No.
Survey by J.P. MENNE Notes J.P.M. Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date No.

76L298 307 10-51

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

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT	1x2 ℄ TS 8' RT ℄ SEWER	
2+25				13.35	0.40%	0.95	12.40		
2+50				12.66		1.05	11.61		
2+75				11.78		1.15	10.63		
2+92		OUTLET		7.65		1.22	6.43		
2+94		CTR. M.H.							
TBM 5-9				9.99	TBM 5-9 Bt. spk. in Wall		EL = 10.00 Bulkhead Sta. 282+28±		FB 2679-28
	STA.	3+00	TO	STA. 4+77	J.C. - SEWER PLANS				PG. 42-A - 5-25-61 F.B. 2679-28
(FD) T.B.M. 5-9				9.99					T.B.M. 5-9
3+02				6.98		5.31	1.67	1x2 ℄ TS 8' RT. ℄ SEWER	
3+25				12.95		5.34	7.61		
3+50				13.25		5.37	7.88		
3+75				13.50		5.40	8.10		
4+00				13.60	0.12%	5.43	8.17		
4+25				13.29		5.46	7.83		
4+50				13.24		5.49	7.75		
4+57		OUTLET		13.32		5.50	7.82		
4+59		CTR. J.C.							
4+61		INLET		13.27		5.50	7.77		
4+75		OUTLET		9.66		5.52	4.14		

Profile No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 PG. 137

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

Survey by J.P. MENNE Notes J.P.M. Date 5-9-61

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

F.B. 2679 PG. 138 | Job No. 0739.01 | Division No. | Notes Red. | Plotted | Profile

Survey of MARINA DEL REY | 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.

76L298 307 10-51

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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.

STATION	B.S.	H.I.	F.S.	ELEV.	CENTER ROD USED
4+77					
TBM S-8		CTR. S.C.		10.04	
					90 GRADE EL CUT
					TBM S-8
					BRASS W/ HOLE
					ELEV. FROM BASIS STA. 278+06 ±
					FB 2679-28

Profile No. ____ X-Sec. No. ____

Notes Red. ____ Date ____ Notes Chkd. IP Date 9-66

Plotted ____ Date ____ Checked ____ Date ____

Job No. 0739.01 Division No. ____

Survey of MARINA DEL REY

Survey by J.P. MENNE Notes JPM Date 5-11-61

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

F.B. 2679 PG. 139

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LEVELS

FOR

SEWERS

ON

MOLE 3 & 4

STATION	B.S.	H.I.	F.S.	ELEV.
FROM: 224+24 TO: 186+52 & FROM: 155+91 TO: 179+29 & FROM: 356+40 TO: 379+25				
From: 148+15 To: 179+29 &				
			From: 356+40 To: 396+32	

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

781.298 307 10-51

76L298 307 10-51

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F.B. 2679 Pg. 1-40 | Job No. 6739.01 | Division No. | Notes Red. | Plotted | Profile
Survey of MARINA DEL REY | Date | No. | X-Sec.
Survey by J.P. MENNE | Notes J.P.M. | Notes Chkd. | Checked | Date | No.
Indexed H.E. OTT | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.		
(FD) T.B.m. S-1	6 150	16 230		10 080	T.B.m. S-1	BLK. STA. 232 + 14 ± BT. SPK. Top W. F.B. 2679 - 54
	2 880	15 550	3 560	12 670		
(SET) T.B.m. S-53	3 755	13 850	5 455	10 095	T.B.m. S-53	BLK. STA. 224 + 24 ± BT. SPK. TOP WALL
	4 755	14 050	4 555	9 295		
(SET) T.B.m. S-54	5 835	15 875	4 010	10 040	T.B.m. S-54	BLK. STA 219 + 19 ± BT. SPK. TOP WALL
	2 100	16 215	1 760	14 115		
(SET) T.B.m. S-55	6 140	16 180	6 175	10040	T.B.m S-55	BLK. STA. 212 + 86 ± BT SPK. TOP WALL
	2 170	16 130	2 220	13960		
(SET) T.B.m. S-56	4 890	14 900	6 120	10 010	T.B.m. S-56	BLK. STA. 208 + 01 ± BT. SPK. TOP WALL
	4 420	16 295	3 025	11 875		
(SET) T.B.m. S-57	5 705	15 730	6 270	10025	T.B.m. S-57	BLK. STA. 203 + 97 ± BT. SPK. TOP WALL
	3 960	16 510	3 180	12 550		
(SET) T.B.m. S-58	6 605	16 605	6 510	10 000	T.B.m. S-58	BLK. STA. 197 + 97 ± BT. SPK. TOP WALL
	1 955	15 650	2 910	13 695		
(SET) T.B.m. S-59	6 625	16 650	5 625	10 025	T.B.m. S-59	BLK. STA. 192 + 57 ± BT. SPK. TOP WALL
	3 210	18 480	1 380	15 270		
	1 310	14 175	5 615	12 865		
(SET) T.B.m. S-60	6 500	16 535	4 140	10 035	T.B.m. S-60	BLK. STA. 186 + 52 ± BT. SPK. TOP WALL
T.P.	1 210	15 795	1 950	14 585		
T.P.	4 085	14 175	5 705	10 090		
T.P.	4 485	14 870	3 790	10 385		

76L298 307 10-51

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STATION	B. S.	H. I.	F. S.	ELEV.		
		14 870				
T.P.	5 940	19 960	0 850	14 020		
T.P.	5 770	25 350	0 380	19 580		
T.P.	5 075	27 565	2 860	22 490		
T.P.	2 155	26 680	3 040	24 525		
T.P.	0 820	21 405	6 095	20 585		
T.P.	0 620	15 850	6 175	15 230		
T.P.	3 820	13 560	6 110	9 740		
T.P.	4 340	12 745	5 155	8 405		
T.P.	4 485	12 600	4 630	8 115		
(FD) M.D.R. B.M 58			5 540	7 060	M.DR. B.M. 58	WASHINGTON ST. & GRAYSON AVE. AT ℄ INT. IN A WELL WITH IRON COVER MKD. "CITY OF L.A. ENGINEERING MON." DN. 10" A HEX ROD IN CONC. F.B. 2649-24 EL.= 7.05
				6-6-61		
(FD) T.B.M. S-12	6 050	16 015		9 965	T.B.M. S-12	BLK. STA. 148+15 ± BT. SPK. TOP WALL F.B. 2679-38
	3 760	14 755	5 020	10 995		
(SET) T.B.M. S-65	2 730	12 755	4 730	10 025	T.B.M. S-65	BLK. STA. 155+91 ± BT. SPK. TOP WALL
	4 640	13 690	3 705	9 050		
(SET) T.B.M. S-64	5 150	15 185	3 655	10 035	T.B.M. S-64	BLK. STA. 161+99 ± BT. SPK. TOP WALL
	3 170	15 735	2 620	12 565		
(SET) T.B.M. S-63			5 710	10 025	T.B.M. S-63	BLK. STA. 168+59 ± BT. SPK. TOP WALL

Profile No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 PG. 141

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of MARINA DEL REY Survey by J.P. MENNE Notes J.P.M. Date 5-15-61

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

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Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd Date
Division No. Job No. 0739.01 Notes J.P.M.
Survey of MINERVA Notes DEL REY
Survey by J.P.M. & ENG. Checked
Indexed H.E. OTT. Date
B. 2679 Pg. 142

STATION	B. S.	H. I.	F. S.	ELEV.		
T.B.M. S-63	4 415	14 440		10 025		
	2 790	14 190	3 040	11 400		
(SET) T.B.M. S-62	1 450	11 440	4 200	9 990	T.B.M. S-62	BLK. STA. 174 + 59 ± BT. SPK. TOP WALL
	4 700	12 235	3 905	7 535		
(SET) T.B.M. S-61	6 825	16 890	2 170	10 065	T.B.M. S-61	BLK. STA. 179 + 29 ± BT. SPK. TOP WALL
	3 840	20 030	0700	16 190		
	0 730	14 780	5 980	14 050		
(FD) T.B.M. S-18			4 810	9 970	T.B.M. S-18	BLK. STA. 128 + 35 ± BT. SPK. TOP WALL FB. 2679-38 EL. = 9.970
(FD.) T.B.M. S-52	2 605	12 660		10.055	T.B.M. S-52,	EL. = 10.055, Pg. 114
	3365	11 465	4.560	8.100		
(SET) T.B.M. S-66	2 445	12 460	1.450	10.015	T.B.M. S-66,	BLK. STA. 356 + 40 ± BT. SPK. TP. WALL
	2 060	12 040	2.480	9.980		
(SET) T.B.M. S-67	4 425	14.425	2.040	10.000	T.B.M. S-67	BLK. HD. STA. 361 + 10 ± BT. SPK. TP. WALL
T.P. (Set)	3 510	14.100	3 835	10.590		
T.B.M. S-68	5 170	15.145	4.125	9.975	T.B.M. S-68	BLK. STA. 367 + 10 ± BT. Spk. Top Wall
T.P. (Set)	4345	14.290	5.200	9.945		
T.B.M. S-69	4300	14.305	4.285	10005	T.B.M. S-69	BLK. STA. 373 + 10 ± Bt. Spk. Top Wall
T.P. (Set)	4 040	14.680	3.665	10.640		
T.B.M. S-70	6.115	16.140	4 655	10.025	T.B.M. S-70	BLK STA 379 + 25 ± BT. Spk. Top Wall

Continued on Pg 155 - FB 2679

Notes Ck'd by	Survey of MARINA DEL REY	F.B. 2679 Pg. 143
Map No.	JN 0739.01 Tape Std °F	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes J.P.M. Date 5-16-61	
Date	Indexed H. E. OTT	

SEWER LOCATION

C.P. NO. 8910.76

MARINA DEL REY

STA. 0+41.44 TO STA. 16+00 PER SEWER PLANS PG. 26-27

STA. 12+95.93 TO STA. 24+96 " " " PG. 34B-35

STA. 13+04.07 TO STA. 17+04.07 " " " PG. 24B

STA 0+56 TO STA. 3+96 " " " PG. 24B

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

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700 Los Angeles County Engineering Bldg.

76F3098 SAE #247 11-58

F.B. 2679 PG. 149

BLK. STA. 207+71.06

100.01

M.H. 16+00 SEWER PLANS. PG. 27

4.00

M.H. 17+00

99.94

M.H. 24+96 PG. 25

4.00

BLK. STA. 204+11.06

M.H. 20+95.93 PG. 25

4.00

M.H. 8+00 PG. 26-27

BASIN E

MOLE 4

M.H. 16+95.93 PG. 24-A & 25

BASIN F

J.C. 3+99.95 PG. 26

J.C. PG. 20-B 0+56

10.00

BLK. STA. 224+24.56

5:02

16.00

M.H. 0+81.44 PG. 26

J.C. 17+95.93 = 13+04.07 PG. 24-A

J.C. 3+96 PG. 20-B

M.H. 17+04.07 PG. 24-B

4.00

BLK. STA. 186+52.42

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Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0739.01 Division No. ____

Survey of MARINA DEL REY

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by J.P.MENNE Notes J.P.M Date 5-16-61

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

F.B. 2679 PG. 145

C.P. NO. 8910.76

MARINA DEL REY

SEWER CONSTRUCTION STAKES

FROM

				PGS.
STA. 0+41.44	TO	STA. 16+00	SEWER PLANS	26 - 27
STA. 12+95.93	TO	STA 24+96	" "	24-B - 25
STA. 13+04.07	TO	STA. 17+04.07	" "	24-B
STA. 0+56	TO	STA 3+96	" "	20-B

STAKES & TINS 4' RT & SEWER STA. 0+41.44 TO 16+00

STAKES & TINS 4' LEFT " " STA. 12+95.93 TO 24+96

" " " " " " " STA. 13+04.07 TO 17+04.07

" " " 8' RT. " " STA. 0+56 TO 3+96

ELEV.

TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD

F.S.

H.I.

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

B.S.

STATION

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761.298 307 10-51

76L298 307 10-51

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F.B. 2679 Pg. 146 | Job No. 8739.01 | Division No. | Notes Rod. | Plotted | No. | Profile
Survey of MARINA DEL REY | Date | Date | No. | X-Sec.
Survey by J.P. MENNE | Notes J.P.M. | Notes Chkd. | Checked
Indexed H. E. OTT | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
(FD) T.B.M. S-53				10 09	T.B.M. S-53 BLK. STA. 224+24± BT. SPK. TOP WALL F.B. 2679-140			
					%	GRADE EL.	CUT	
0+41.44		CTR. M.H.						
0+43.44		INLET		4.38		0.40	3.98	
0+50				4.03		0.42	3.61	
0+75				1.86		0.48	1.38	
1+00				1.85		0.54	1.31	
1+25				1.63		0.60	1.03	
1+50				1.69	0.24	0.66	1.03	
1+75				1.84		0.72	1.12	
2+00				1.82		0.78	1.04	
2+25				1.66		0.84	0.82	
2+50				1.64		0.90	0.74	
2+75				1.49		0.96	0.53	
3+00				1.63		1.02	0.61	
3+25				1.66		1.08	0.58	
3+50				2.38		1.14	1.24	
3+75				2.62		1.20	1.42	
3+97.95		OUTLET		2.71		1.26	1.45	
3+99.95		CTR. J.C.						
4+01.95		INLET		2.74		1.26	1.48	

SEWER ℄ 4' RT. ℄ TS # 1 X N

76L298 307 10-51

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
4+25 T.P.				2.72	0.28 %	1.33	1.39	1x2 ℄ TS 4' RT. ℄ SEWER	
4+50				2.71		1.40	1.31		
4+75				2.70		1.47	1.23		
5+00				2.76		1.54	1.22		
5+25				2.72		1.61	1.11		
5+50				2.78		1.68	1.10		
5+75				3.06		1.75	1.31		
6+00				3.20		1.82	1.38		
6+25				3.32		1.89	1.43		
6+50				3.25		1.96	1.29		
6+75				3.14		2.03	1.11		
7+00				3.01		2.10	0.91		
7+25				3.31		2.17	1.14		
7+50				3.48		2.24	1.24		
7+75				3.46		2.31	1.15		
7+98		OUTLET		3.62		2.38	1.24		
8+00		CTR. M.H.							
(FD) T.B.m. S-54				10 03					T.B.m. S-54 - BLK. STA. 219+19± EL - 10.04 F.B. 2679-140

Profile No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd ____ Checked ____ Survey of MARINA DEL REY
Date ____ Date ____ Survey by J.P. MENNE Notes J.P.M. Date 5-16-61
Map No. ____ Indexed H. E. OTT Date ____

F.B. 2679 PG. 147

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F.B. 2679 Pg. 48 | Job No. 0739.01 | Division No. | Notes Red. | Plotted | Profile
Survey of MARINA DEL REY | Date | No. | X-Sec.
Survey by J.P. MENNE & Notes R.M. | Notes Chkd. | Checked
Indexed H. E. OTT | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
(FD) T.B.m. S-55				10 04	T.B.m S-55			BLK. STA. 212+66± BT. SPK TOP WALL FB.2679-140
					0.28	GRADE EL	CUT	
8+00		CTR. M. H.						
8+02		INLET		3.71		2.38	1.33	
8+25				3.80		2.45	1.35	
8+50				4.06		2.52	1.54	
8+75				4.10		2.59	1.51	
9+00				4.10		2.66	1.44	
9+25				4.05		2.73	1.32	
9+50				4.20		2.80	1.40	
9+75				4.27		2.87	1.40	
10+00				4.23		2.94	1.29	
10+25				4.26		3.01	1.25	
10+50				4.15		3.08	1.07	
10+75				4.30		3.15	1.15	
11+00				4.44		3.22	1.22	
11+25				4.42		3.29	1.13	
11+50				4.77		3.36	1.41	
11+75				4.90		3.43	1.47	
11+98		OUTLET		4.78		3.50	1.28	
12+00		CTR. M. H.						

SEWER & 4' RT. & TS & ± 12 - ↓

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Profile Notes Red Plotted Job No. 6739.01 Division No.
No. Date Date Survey of MARINA DEL REY F.B. 2679 Pg. 149
X-Sec. Notes Chkd. Checked Survey by J.P. MENNELL & W.E. COTT Date 5-17-61
No. Date Date Map No. Indexed Date

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					M.D.	GRADE EL	CUT	
12+00		CTR. M. H.						
12+02		INLET		4.70		3.50	1.20	
12+25				4.70		3.57	1.13	
12+50				4.76		3.64	1.12	
12+75 T.P.				4.85		3.71	1.14	
13+00				5.08		3.78	1.30	
13+25				5.13		3.85	1.28	
13+50				5.00		3.92	1.08	
13+75				4.95		3.99	0.96	
14+00				5.11		4.06	1.05	
14+25				5.30		4.13	1.17	
14+50				5.48		4.20	1.28	
14+75				5.58		4.27	1.31	
15+00				5.71		4.34	1.37	
15+25				5.82		4.41	1.41	
15+50				5.88		4.48	1.40	
15+75				6.03		4.55	1.48	
15+98		OUTLET		6.21		4.61	1.60	
16+00		CTR. M.H.						
TBM 5.56				10.01	TBM 5.56 BAK. STA		ELEV = 10.01 208+01 ±	F.B. 2679 - 150

0.28 TO

12" VCP SEWER W/ 4' RT & TS @ 1.2% ±

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F.B. 2679 PG. 150 | Profile | No. | X-Sec. | No.

Survey of MARINA DEL REY | Job No. 6739.01 | Division No. | Notes Red. | Plotted | Date | Date

Survey by J.P. MENNE | Notes J.P.M. | Notes Chkd. | Checked | Date | Date

Indexed H.E. OTT | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
(FD) T.B.M. S-59				10.025	T.B.M. S-59			BLK. STA. 192+57± BT. SPK. TOP WALL FB 2679-140
					%	GRADE EL	CUT	
12+95.93		CTR. J.C.						
12+97.93		INLET		3.27		2.12	1.15	
13+00				3.40		2.13	1.27	
13+25				3.59		2.19	1.40	
13+50				3.76		2.25	1.51	
13+75				4.12		2.31	1.81	
14+00				4.14		2.37	1.77	
14+25				4.16	LOT 0	2.43	1.73	
14+50	TP			4.23		2.49	1.74	
14+75				4.15		2.55	1.60	
15+00				4.02		2.61	1.41	
15+25				4.00		2.67	1.33	
15+50				4.03		2.73	1.30	
15+75				4.12		2.79	1.33	
16+00				4.09		2.85	1.24	
16+25				4.32		2.91	1.41	
16+50				4.32		2.97	1.35	
16+75				4.50		3.03	1.47	
16+93.93		OUTLET		4.44		3.08	1.36	

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.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
16+95.93		CTR. M. H.						
16+97.93		INLET		4.48		3.08	1.40	
17+00				4.48		3.09	1.39	
17+25				4.48		3.15	1.33	
17+50				4.48		3.21	1.27	
17+75				4.48		3.27	1.21	
18+00				4.62		3.33	1.29	
18+25				4.82	0.24%	3.39	1.43	
18+50				4.95		3.45	1.50	
18+75				4.99		3.51	1.48	
19+00				4.99		3.57	1.42	
19+25				4.98		3.63	1.35	
19+50				4.79		3.69	1.10	
19+75				4.83		3.75	1.08	
20+00				4.98		3.81	1.17	
20+25				5.08		3.87	1.21	
20+50				5.23		3.93	1.30	
20+75				5.19		3.99	1.20	
20+93.93		OUTLET		5.27		4.04	1.23	
20+95.93		CTR. M. H.						

Profile Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 PG. 151
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 5-23-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L298 307 10-51

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Do not extend notes this side of this line.

F.B. 2679 PG. 152 | Job No. 0739.01 | Division No. | Profile No. | X-Sec. No.
Survey of MARINA DEL REY | Notes Red. | Date | Plotted | Date
Survey by J.R. MENNE Notes J.P.M. | Notes Chkd. | Date | Checked | Date
Indexed H. E. OTT | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					70	GRADE EL	CUT	
20+97.93		INLET		S 30		4.04	1.26	
21+00				S 30		4.05	1.25	
21+25				S 39		4.11	1.28	
21+50				S 50		4.17	1.33	
21+75				S 54		4.23	1.31	
22+00				S 53		4.29	1.24	
22+25		T.P.		S 52		4.35	1.17	
22+50				S 50		4.41	1.09	
22+75				S 52	70	4.47	1.05	
23+00				S 59	42.0	4.53	1.06	
23+25				S 73		4.59	1.14	
23+50				S 77		4.65	1.12	
23+75				S 76		4.71	1.05	
24+00				S 74		4.77	0.97	
24+25				S 85		4.83	1.02	
24+50				S 86		4.89	0.97	
24+75				S 95		4.95	1.00	
24+94		OUTLET		S 89		5.00	0.89	
24+96 (FD)		CTR. M.H.						T.B.m. S-57
T.B.m. S-57				10 04				EL.= 10.025 F.B. 2679-140

76L298 307 10-51

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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			
	13+04.07 J.C.		TO	17+04.07	M.H. SEWER PLANS. PG. 24-B			
(FD) T.B.M. S-59				10 02	T.B.M. S-59			BLK. STA. 192+57± F.B. 2679-140
					%	GRADE EL	CUT	
13+04.07		CTR. J.C						
13+06.07				3 30		2.21	1.09	
13+25				3 22		2.34	0.88	
13+50				3 36		2.51	0.85	
13+75				3 45		2.68	0.77	
14+00				3 90		2.85	1.05	
14+25				4 02		3.02	1.00	
14+50				4 40	0.68%	3.19	1.21	
14+75				4 71		3.36	1.35	
15+00				4 93		3.53	1.40	
15+25				5 22		3.70	1.52	
15+50				5 31		3.87	1.44	
15+75 T.O				5 34		4.04	1.30	
16+00				5 40		4.21	1.19	
16+25				5 59		4.38	1.21	
16+50				5 88		4.55	1.33	
16+75				5 95		4.72	1.23	
17+00				6 06		4.89	1.17	

1 x 2 ℄ TS & RT ℄ SEWER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 Pg. 153
X-Sec. No. ____ Date ____ Date ____ Survey of MARINA DEL REY
Notes Chkd ____ Checked ____ Survey by J.R. MENNE Notes J.R.M. Date 5-24-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2679 Pg. 154 | Job No. 2739.01 | Division No. | Notes Red | Plotted | Profile
Survey of MARINA DEL REY | Date | No. | Date | No. | X-Sec.
Survey by J.P. MENNE | Notes J.P.M. | Notes Chkd | Checked
Indexed H.E. OTT | Date | Date | Date

76L298 307 10-51

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
17+02.07		OUTLET		6 05		4.90	1.15	
17+04.07		CTR m.H.						
(FD) T.B.m. S-60				10 03				T.B.m. S-60 F.B. 2679-140 EL. = 10.035
STA. 0+56 TO STA. 3+96 SEWER PLANS PG. 20-B								
(FD) T.B.m. S-54				10 04				T.B.m. S-54 F.B. 2679-140
0+56		CTR. J.C.						
0+58		INLET		9 35		1.30	8.05	
0+75				9 50		1.34	8.16	
1+00				10 92		1.40	9.52	
1+25				11 27		1.46	9.81	
1+50				10 79	0.4%	1.52	9.27	
1+75				10 93		1.58	9.35	
2+00				11 24		1.64	9.60	
2+25				11 77		1.70	10.07	
2+50				11 52		1.76	9.76	
2+75				11 35		1.82	9.53	
3+00				11 55		1.88	9.67	
3+25				11 98		1.94	10.04	
3+50				11 41		2.00	9.41	

1+72 ℄ TS & RT. ℄ SEWER

76L298 307 10-51

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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				
					%	GRADE EL	CUT		
3+75				11 07	0.24%	2.06	9.01		
3+94		OUTLET		3 29		2.11	1.18		
3+96 (FD)		CTR. J.C							
T.B.M. S-59				10 03					T.B.M. S-59 F.B. 2679-100 EL = 10.02

Continued from Pg 142 F.B. 2679

		16.140				
T.P. (Set)	4.570	16.260	4.450	11.690	T.P.	
T.B.M. S-71	5.160	17.110	4.310	11.950	T.B.M. S-71	BLK. STA 386+18± Bt. Spk Top Wall
T.P. (Set)	3.435	16.545	4.000	13.110		
T.B.M. S-72 (Set)	4.055	16.035	4.565	11.980	T.B.M. S-72	BLK. STA. 392+94± Bt. Spk. Top Wall
T.B.M. S-73	6.250	18.715	3.570	12.465	T.B.M. S-73	BLK STA. 396+32± Bt. Spk Top Wall
T.B.M. #1	3.980	21.050	1.645	17.070	T.B.M. #1 EL = ~~17.31~~ ~~17.18~~ 17.07	F.B. 2658-45
					Cross in N.W. Cor. of conc. gas valve box	
T.P.	4.625	23.830	1.845	19.205	T.P.	
T.P.	3.920	22.190	5.560	18.270	T.P.	
M.D.R. BM-64			5.560	16.630	M.D.R. BM 64 EL. 1667 FB 2649-26 In dirt Rd N Side Ballona Creek 37[illegible]0± Ely of Pacific Ave Std L.A. Co. Eng Survey Control Mon. Stamped "Venice G4" Set in conc. Dn 12" in iron [illegible] wall	

Profile Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2674 Pg. 155
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. Notes Chkd T.P. Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 5-25-61
No. ____ Date 9-66 Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2619 PG. 156

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.

76L298 307 10-51

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Notes Ck'd by	Survey of MARINA DEL REY
Map No.	JN 0739.01 Tape Std °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 6-7-61
Date	Indexed H. E. OTT

F. B. 2679 Pg. 157

SEWER LOCATION

C.P. No. 8910.76

MARINA DEL REY

		Pgs.
STA. 0+99.88	TO STA. 20+00	PER SEWER PLANS 21-22
STA. 1+16	TO STA. 4+38	" " " 20-A

J.P. MENNE
W.J. VOGE
L.C. LOVE
K.J. RIGDON
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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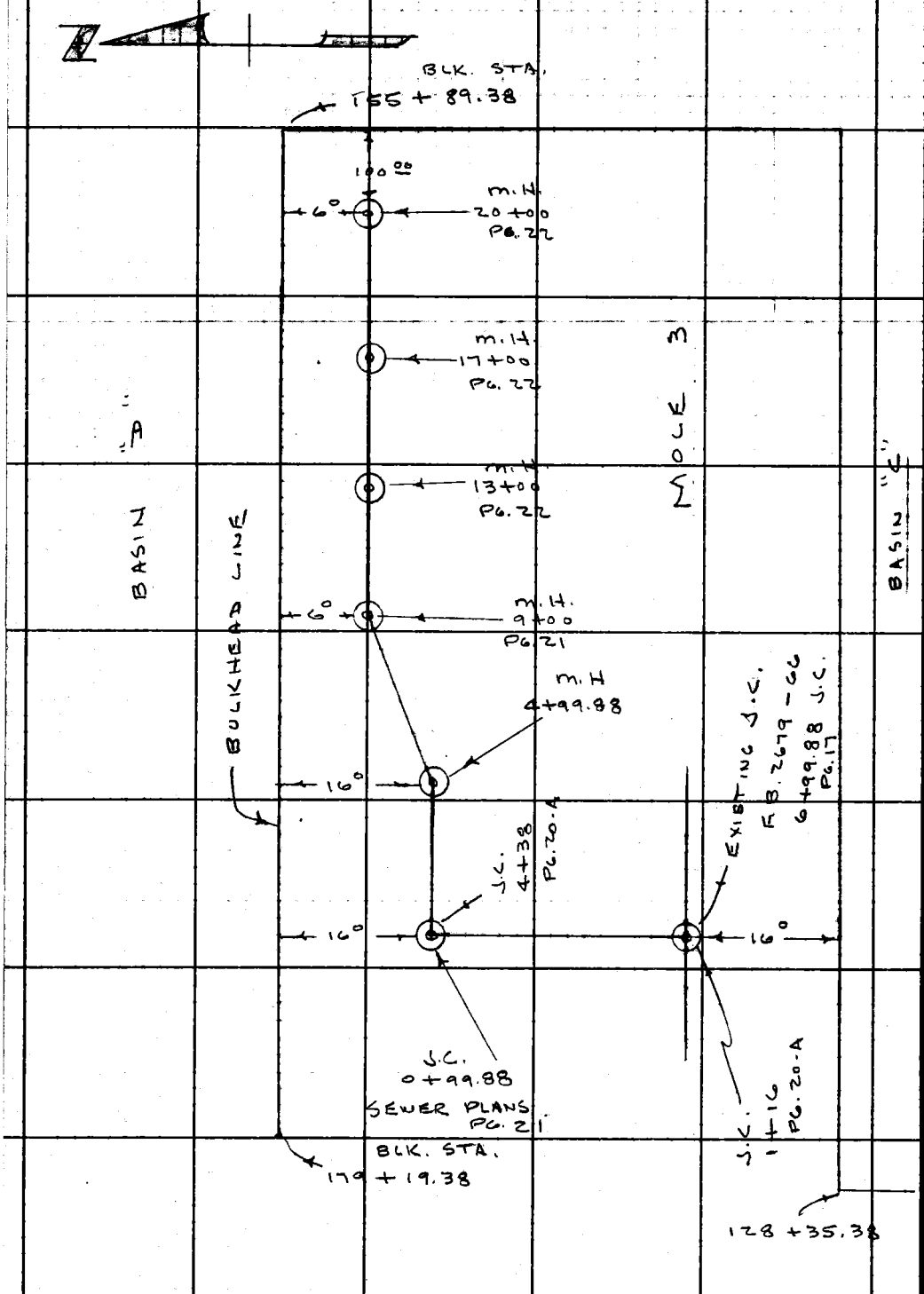
700 Los Angeles County Engineering Bldg.

76F3098 S&E #247 11-58

F. B. 2679 PG. 158



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Profile No. | Notes Red | Plotted | Job No. 0739.01 | Division No.
Date | Date | Survey of MARINA DEL REY
X-Sec. No. | Notes Chkd. | Checked | Survey by J.P.MENNE Notes J.P.M Date 6-7-61
Date | Date | Map No. | Indexed H. E. OTT Date

F.B. 2679 Pg. 159

C.P. No. 8910.76

MARINA DEL REY

SEWER CONSTRUCTION STAKES

FROM

STA. 0+99.88 TO STA. 20+00 SEWER PLANS Pg. 21-22

STA. 1+16 TO STA. 4+38 " " 20-A

STAKES & TINS 4' RT. & SEWER STA. 0+99.88 TO 20+00

STAKES & TINS 10' LEFT & " STA. 1+16 TO 4+38

TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD

J.P. MENNE
W.J. VOGE
L.C. LOVE
K.J. RIGDON
H. 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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700 Los Angeles County Engineering Bldg

76L-298 CE 307 11-58

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.

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LENKER ROD USED			
(FD) T.B.m. S-62				9 99	T.B.m. S-62			BLK. STA. 174+59± BT. SPK. TOP WALL F.B. 2679-142
					%	GRADE EL	CUT	
0+99.88		CTR. J.C.						
1+01.88		INLET		2 14		0.44	1.70	
1+25				2 28		0.50	1.78	
1+50				2 25		0.56	1.69	
1+75				2 20		0.62	1.58	
2+00				2 32		0.68	1.64	
2+25				2 27		0.74	1.53	
2+50				2 44	0.24%	0.80	1.64	4' RT. ℄ SEWER
2+75				2 33		0.86	1.47	
3+00				2 56		0.92	1.64	
3+25				3 06		0.98	2.08	
3+50				2 97		1.04	1.93	
3+75				3 08		1.10	1.98	
4+00				3 28		1.16	2.12	
4+25				3 13		1.22	1.91	1+2 & TS
4+50				3 39		1.28	2.11	
4+75				3 45		1.34	2.11	
4+97.88		OUTLET		3 45		1.40	2.05	
4+99.88		CTR. M.H.						

F.B. 2679 PG. 160

Job No. 0739.01 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of MARINA DEL REY 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. ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

Profile Notes Red. Plotted. Job No. 4739.01 Division No. F. B. 7679 Pg. 161
No. X-Sec. Date Date Survey of MARINA DEL REY
Notes Chkd. Checked Survey by J. P. MEANS Notes J.P.M. Date 6-7-61
No. Date Date Map No. Indexed H. E. OTT Date

LENKER ROD USED

STATION	B. S.	H. I.	F. S.	ELEV.	TO	GRADE EL	CUT	
5+01.88				3 45		1.40	2.05	
5+25				3 52		1.46	2.06	
5+50				3 80		1.52	2.28	
5+75				3 98		1.58	2.40	
6+00				3 91		1.64	2.27	
6+25				3 65		1.70	1.95	
6+50				3 46		1.76	1.70	
6+75				3 60		1.82	1.78	
7+00 TP.				3 60	0.24 TO	1.88	1.72	
7+25				3 38		1.94	1.44	
7+50				3 50		2.00	1.50	
7+75				3 44		2.06	1.38	
8+00				3 48		2.12	1.36	
8+25				3 47		2.18	1.29	
8+50				3 66		2.24	1.42	
8+75				3 89		2.30	1.59	
8+98		OUTLET		3 90		2.36	1.54	
9+00		CTR. M.H.						
9+02		INLET		3 88		2.36	1.52	
9+25				3 73		2.42	1.31	

12" Ø TS & RT. Ø SEWER

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.	LENKER ROD USED			
					%	GRADE EL	CUT	
9+50				3 72		2.48	1.24	
9+75				3 98		2.54	1.44	
10+00				4 13		2.60	1.53	
10+25				4 20		2.66	1.54	
10+50				4 23		2.72	1.51	
10+75				4 23		2.78	1.45	
11+00				4 18		2.84	1.34	
11+25				4 35		2.90	1.45	
11+50				4 45	0.24%	2.96	1.49	
11+75				4 60		3.02	1.58	
12+00				4 48		3.08	1.40	
12+25				4 54		3.14	1.40	
12+50				4 78		3.20	1.58	
12+75				4 76		3.26	1.50	
12+98	T.P.	OUTLET		4 55		3.32	1.23	
13+00		CTR. M. H						
13+02		INLET		4 52		3.32	1.20	
13+25				4 22		3.38	0.84	
13+50				4 37		3.44	0.93	
13+75				4 50		3.50	1.00	

142 & TS 4' RT. & SEWER

F. S. 2679 Pg. 162 Job No. 0739.01 Division No. Notes Red. Plotted Profile
Survey of MARINA DEL REY Date Date No. X-Sec.
Survey by J.P. MENNE Notes J.P.M Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L298 307 10-51

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Profile Notes Red Plotted Job No. 6739.01 Division No.
No. Date Date Survey of MARINA DEL REY F.B. 2679 PG. 163
X-Sec. Notes Chkd Checked Survey by J.P.M&W.F. Noted J.P.M. Date 6-8-61
No. Date Date Map No. Indexed H. E. OTT Date

LENKER ROD USED

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE EL	CUT	
14+00				4.79		3.56	1.23	
14+25				4.94		3.62	1.32	
14+50				4.98		3.68	1.30	
14+75				5.14		3.74	1.40	
15+00				5.24		3.80	1.44	
15+25				5.30		3.86	1.44	
15+50				5.23		3.92	1.31	
15+75				5.38		3.98	1.40	
16+00				5.38	0.24%	4.04	1.34	
16+25				5.28		4.10	1.18	
16+50				5.20		4.16	1.04	
16+75				5.24		4.22	1.02	
16+98	T.P.	OUTLET		5.47		4.28	1.19	
17+00		CTR. M.H.						
17+02		INLET		5.47		4.28	1.19	
17+25				5.55		4.34	1.21	
17+50				5.68		4.40	1.28	
17+75				5.91		4.46	1.45	
18+00				5.60		4.52	1.08	
18+25				5.75		4.58	1.17	

SEWER # 4 IN 4' Ø & 5' Ø 2 x 1

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.

F.B. 2679 PG. 164 | Job No. 0739.01 Division No. | Profile No. | X-Sec. No.

Survey of MARINA DEL REY | Notes Red. | Plotted | Date

Survey by J.P. MENNE | Notes J.P.M. | Notes Chkd. | Checked | Date

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

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					97.0	GRADE EL	CUT	
18+50				5 82		4.64	1.18	1½ & Ts ℄ RT.
18+75				5 81		4.70	1.11	
19+00				6 19	0.24	4.76	1.43	
19+25				6 28		4.82	1.46	
19+50				6 16		4.88	1.28	
19+75				6 14		4.94	1.20	
19+98		OUTLET		6 36		5.00	1.36	
20+00 (FD)		CTR. M.H.						
T.B.m. S-65				10 03				

℄ SEWER

BLK. STR. 155+91±
T.B.M. S-65 FB. 2679-
EL. = 10.025 141

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.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
(FD) T.B.M.S-16				10.01	T.B.M. S-16			
					%	GRADE EL	CUT	
1+16		CTR. J.C.						
1+18		INLET		10.27		-0.32	10.59	1x2 & Ts 10' LEFT ℄ SEWER
1+25				10.04		-0.30	10.34	
1+50				10.40		-0.24	10.64	
1+75				10.73		-0.18	10.91	
2+00				11.30		-0.12	11.42	
2+25				12.01		-0.06	12.07	
2+50				12.76	0.24%	0.00	12.76	
2+75				13.43		+0.06	13.37	
3+00				13.30		0.12	13.18	
3+25				12.91		0.18	12.73	
3+50				12.37		0.24	12.13	
3+75				11.51		0.30	11.21	
4+00				7.91		0.36	7.55	
4+25				6.81		0.42	6.39	
4+36		OUTLET		2.53		0.44	2.09	
4+38		CTR. J.C.						
TBM 3-62				9.97				

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 Pg. 165

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

Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 6-9-61

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

F.B. 2679 PG. 166

Job No. 6739.01 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.

76L298 307 10-51

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Notes Ck'd by	Survey of MARINA DEL REY	F.B. 2679	Pg. 167
Map No.	JN 0739.2 Tape Std °F		
Office Work	Surveyed by J.P. MENNE		
Checked	Notes J.P.M Date 8-11-67		
Date	Indexed H. E. OTT		

SEWER LOCATION

C.P. NO. 8910.76

MARINA DEL REY

STA. 1+06	TO STA. 3+03.23	PER SEWER PLANS		PG. 58-B
STA. 1+00	TO STA. 11+82.94	" " "		PG. 59
STA. 3+55	TO STA. 13+10	" " "		PG. 55-56-A
Sta. 9+54.54	To Sta. 3+50	" " "		" 55

Admiralty Way

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

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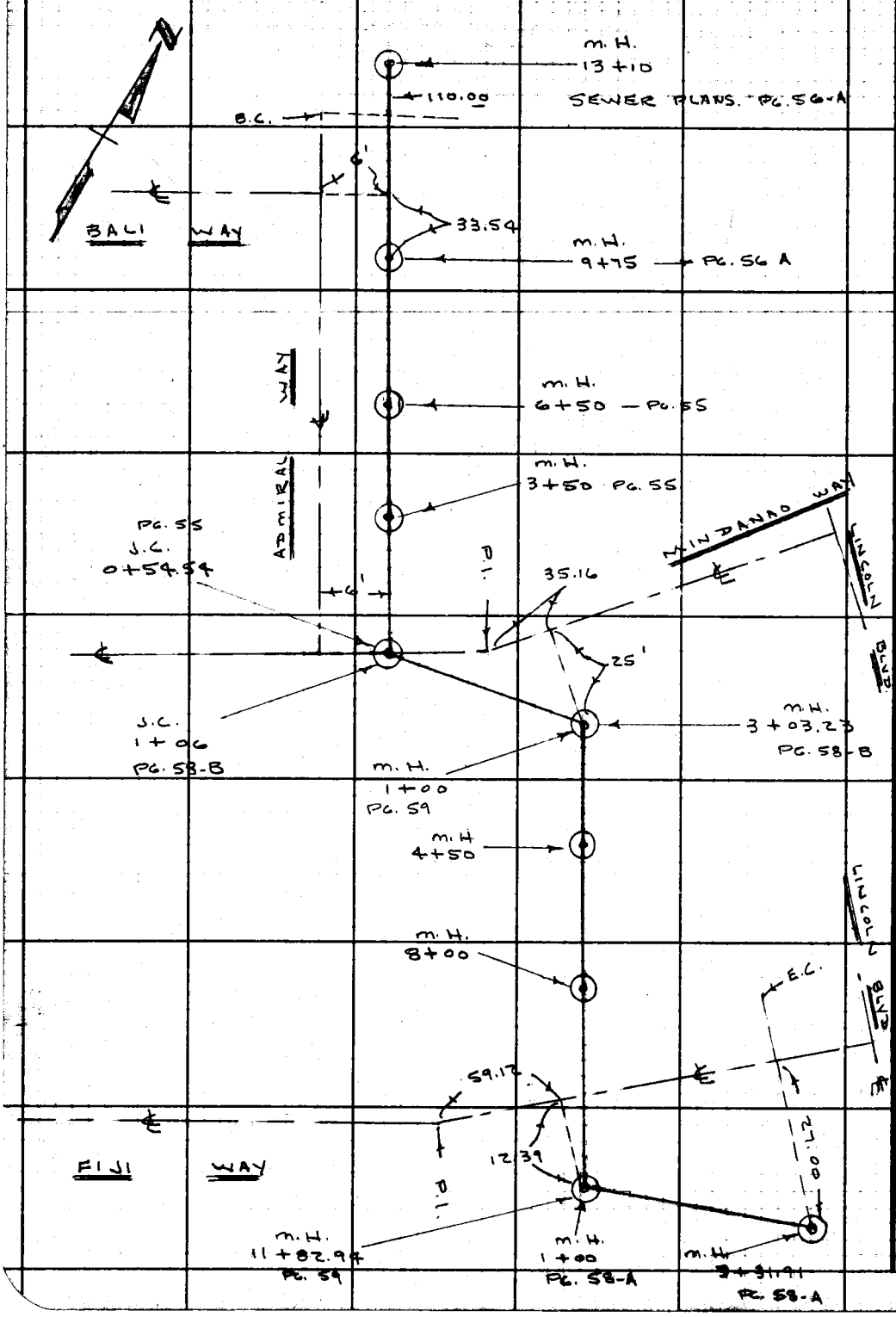
76F3098 S&E #247 11-58

F. B. 2679 PG. 168



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Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0739.01 Division No. ____

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

Survey by J.P. MENNE Notes J.P.M Date 6-1-61

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

F.B. 2679 Pg. 169

C. P. No. 8910.76

MARINA DEL REY

SEWER CONSTRUCTION STAKES

FROM

				PAGE
STA. 1+06	TO STA. 3+03.23	SEWER PLANS		58-B
STA. 1+00	TO STA 11+82.94	"	"	59
STA. 3+50	TO STA 13+10	"	"	55-56-A
Sta 1+00	To Sta. 3+31.91	"	"	58-A
Sta. 0+54.54	To Sta. 3+50 (See Pg. 199)	"	"	55

STAKES & TINS 8' RT. ℄ SEWER STA. 1+06 TO STA. 3+03.23

STAKES & TINS 8' RT ℄ SEWER STA. 1+00 TO STA 11+82.94

STAKES & TINS 8' RT. ℄ SEWER STA. 3+50 TO STA. 13+10

" " " 20' " " " " 1+00 " " 3+31.91

" " " " " " " " 0+54.54 " " 3+50

ELEV.

F.S. TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD

H.I. J. P. MENNE
W. J. JOGE
L. C. LOVE
H. RIBBINS
K. RIGDON

B.S.

STATION

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761298 307 10-51

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			
(FD)								LEAD & TACK IN CONC. PVM'T
M.D.R.B.M. 51-A				11 14	M.D.R.B.M. 51-A			LINCOLN BLVD. & ℄ PROD MOLE 6
STA	1+06	TO STA. 3+03.23 SEWER PLANS PG. 58-B			%	GRADE EL	CUT	F.B. 2380-208
1+06		CTR. J.C.						
1+08		INLET		16.36		1.27	15.09	
1+25				16.59		1.34	15.25	
1+50				15.50		1.44	14.06	
1+75				15.52	0.40 %	1.54	13.98	1x2 ℄ TS 8' RT. ℄ SEWER
2+00				15.38		1.64	13.74	
2+25				15.47		1.74	13.73	
2+50				15.77		1.84	13.93	
2+75				15.81		1.94	13.87	
3+01.23		OUTLET		15.69		2.04	13.65	
3+03.23		CTR. M.H.						
STA	1+00	TO STA	11+82.94		SEWER PLANS PG. 59			
1+00		CTR. M.H.						
1+02		INLET		15.70		2.24	13.46	
1+25				15.65		2.33	13.32	
1+50				16.40	0.40 %	2.43	13.97	
1+75				16.78		2.53	14.25	
2+00				16.97		2.63	14.34	

F.B. 2479 PG. 170 Job No. [illegible] Division No. [illegible] Notes Red. [illegible] Plotted [illegible] Profile
Survey of [illegible] Date [illegible] Date [illegible] No. [illegible] X-Sec.
Survey by [illegible] Notes Chkd. [illegible] Checked [illegible] No. [illegible]
Indexed H. F. OTT Date [illegible] Date [illegible] Date [illegible]

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			
					%	GRADE EL	CUT	
2+25 T.P.				16.94		2.73	14.21	
2+50				16.88		2.83	14.05	
2+75				16.97		2.93	14.04	
3+00				16.71		3.03	13.68	
3+25				16.45		3.13	13.32	
3+50				16.59		3.23	13.36	
3+75				16.91		3.33	13.58	
4+00				17.27		3.43	13.84	
4+25				17.38		3.53	13.85	
4+48		OUTLET		17.54	0.40 %	3.62	13.92	
4+50		CTR. M.H						
4+52		INLET		17.48		3.72	13.76	
4+75				17.74		3.81	13.93	
5+00				17.70		3.91	13.79	
5+25				17.73		4.01	13.72	
5+50 TP				17.73		4.11	13.62	
5+75				17.63		4.21	13.42	
6+00				17.41		4.31	13.10	
6+25				17.50		4.41	13.09	
6+50				17.42		4.51	12.91	

1 x 2 & 8 RT & SEWER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 Pg. 171

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

Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 6-1-61

Date ____ Date ____ Map No. ____ Indexed ____ Date ____

R. E. OTT

76L298 307 10-51

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
6+75				17.20		4.61 ✓	12.59	
7+00				17.07		4.71 ✓	12.36	
7+25				17.03		4.81 ✓	12.22	
7+50				16.89		4.91 ✓	11.98	
7+75				16.78		5.01 ✓	11.77	
7+98		OUTLET		16.70		5.10 ✓	11.60	
8+00		CTR. M.H.						
8+02		INLET		16.78		5.20 ✓	11.58	
8+25				16.49		5.29 ✓	11.20	
8+50				16.63	0.40	5.39 ✓	11.24	
8+75				16.77		5.49 ✓	11.28	
9+00 T.P.				16.79		5.59 ✓	11.20	
9+25				16.75		5.69 ✓	11.06	
9+50				16.62		5.79 ✓	10.83	
9+75				16.42		5.89 ✓	10.53	
10+00				16.28		5.99 ✓	10.29	
10+25				16.50		6.09 ✓	10.41	
10+50				16.66		6.19 ✓	10.47	
10+75				16.64		6.29 ✓	10.35	
11+00				16.90		6.39 ✓	10.51	

1+2 & Ts 8' RT. & SEWER

F.B. 2679 PG/72 Job No. 0739.01 Division No. Notes Red. Plotted No. Profile

Survey of MARINA DEL REY Date Date X-Sec.

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

Indexed H. E. OTT Date 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				
					%	GRADE EL	CUT		
11+25				16.82	↑	6.49	10.33	1x2 ℄ TS 8' RT ℄ SEWER	
11+50				16.98		6.59	10.39		
11+75				16.86	0.40%	6.69	10.17		
11+80.94		OUTLET		16.77		6.72	10.02		
11+82.94		CTR. M.H							
TP				12.99					
MDR BM-50A				11.28		Elev = 11.28			M.D.R.B.M. 50-A
(FD) STA. 3+50		TO STA. 13+10			SEWER PLANS PG. 55				-56-A
T.B.M. S-46				10.00					T.B.M. S-46 BLK. STA 317+42 ± F.B. 2679-114
3+50		CTR. M.H.							
3+52		INLET		17.83	↑	6.13	11.70	1x2 ℄ TS 8' RT. ℄ SEWER	
3+75				17.88		6.22	11.66		
4+00				17.65		6.32	11.33		
4+25				17.55		6.42	11.13		
4+50				17.63	0.40%	6.52	11.11		
4+75				17.76		6.62	11.14		
5+00				17.79		6.72	11.07		
5+25				17.80		6.82	10.98		
5+50				17.84	↑	6.92	10.92		
5+75				17.95		7.02	10.93		

Profile
No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 PG. 173
X-Sec. ____ Date ____ Date ____ Survey of MARINA DEL REY
No. ____ Date ____ Notes Chkd ____ Checked ____ Survey by J.P. MENNIE Notes J.P.M. Date 6-2-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT 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			
					%	GRADE EL	CUT	
6+00				18 05		7.12	10.93	
6+25				18 00		7.22	10.78	
6+48		OUTLET		17 90		7.31	10.59	
6+50		CTR. M.H.						
6+52		INLET		17 88		7.41	10.47	
6+75				17 83		7.50	10.33	
7+00				17 79		7.60	10.19	
7+25				17 85		7.70	10.15	
7+50				17 99	0.40%	7.80	10.19	1+2 ℄ Ts 8' RT ℄ SEWER
7+75				18 14		7.90	10.24	
8+00				18 11		8.00	10.11	
8+25				18 10		8.10	10.00	
8+50				17 92		8.20 ✓	9.72	
8+75				17 87		8.30 ✓	9.57	
9+00				17 62		8.40 ✓	9.22	
9+25				17 52		8.50 ✓	9.02	
9+50				17 47		8.60 ✓	8.87	
9+73		OUTLET		17 62		8.69 ✓	8.93	
9+75		CTR. M.H.						
9+77		INLET		17.66		8.79 ✓	8.87	

F.B. 2679 PG. 174 Job No. 0739.01 Division No. 1 Notes Red. Plotted Profile
Survey of MARINA DEL REY 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.

76L298 307 10-51

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
10+00				17.41		8.88	8.53	1+2 & T3 8' RT. ℄ SEWER	
10+25				17.67		8.98	8.69		
10+50				17.75		9.08	8.67		
10+75				17.88		9.18	8.70		
11+00				17.87		9.28	8.59		
11+25				18.12	0.40%	9.38	8.74		
11+50				18.21		9.48	8.73		
11+75				18.18		9.58	8.60		
12+00				18.22		9.68	8.54		
12+25				18.06		9.78	8.28		
12+50				18.10		9.88	8.22		
12+75				17.90		9.98	7.92		
13+00				17.90		10.08	7.82		
13+08		OUTLET		18.06		10.11	7.95		
13+10		CTR. M.H.							
T.P.				17.62					
TBM #5-8				10.02	TBM 5-8			EL.= 10.04	FB 2679-28
					BT. SPK. in Wall, Bulk. HD. STA. 278+06 ±				

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 Pg. 175

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

Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 6-2-61

No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

H. E. OTT

F.B. 2679 Pg. 176

Job No. 0739-01 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. _____

76L298 307 10-51

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STATION	B. S.	H. I.	F. S.	ELEV.	%	Grade El.	Cut
1+00		Ctr. M.H.				6.92	
1+02		Inlet				7.01	
1+25						7.11	
1+50						7.21	
1+75						7.31	
2+00						7.41	
2+25						7.51	
2+50						7.61	
2+75						7.71	
3+00						7.81	
3+25						7.83	
3+29.91		Outlet					
3+31.91		Ctr. M.H.					

Sewer Plans Pg. 58-A

0.40% →

Set Blue tops at Grade

Set 1x2s on ℄ Sewer in bottom excavation

Lenker Rod Used

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

Survey of MARINA DEL REY
JN 0739-01 Tape Std. °F
Surveyed by J.P.MENNE
Notes J.P.M. Date 6-15-61
Indexed H.E.OTT

F.B. 2679 PG. 177

SEWER LOCATION

C.P. NO. 8910.76

MARINA DEL REY

STA. 9+50 TO	STA. 11+27	PER SEWER PLANS	PG. 41
STA. 0+95.54 TO	STA 5+95.54	" " "	PG. 40-B
STA. 0+95.49 TO	STA. 3+99.95	" " "	PG. 34
STA 1+23 TO	STA. 8+50	" " "	PG. 39
STA 0+89.95 TO	STA 3+99.95	" " "	PG. 35
STA 1+00 TO	STA. 2+73.06	" " "	PG. 32-A
STA 1+04.46 TO	STA. 3+90.46	" " "	PG. 40-A

Mindanao Way

J.P. MENNE
W.J. JOGE
L.C. LOVE
R.H. GILFOY

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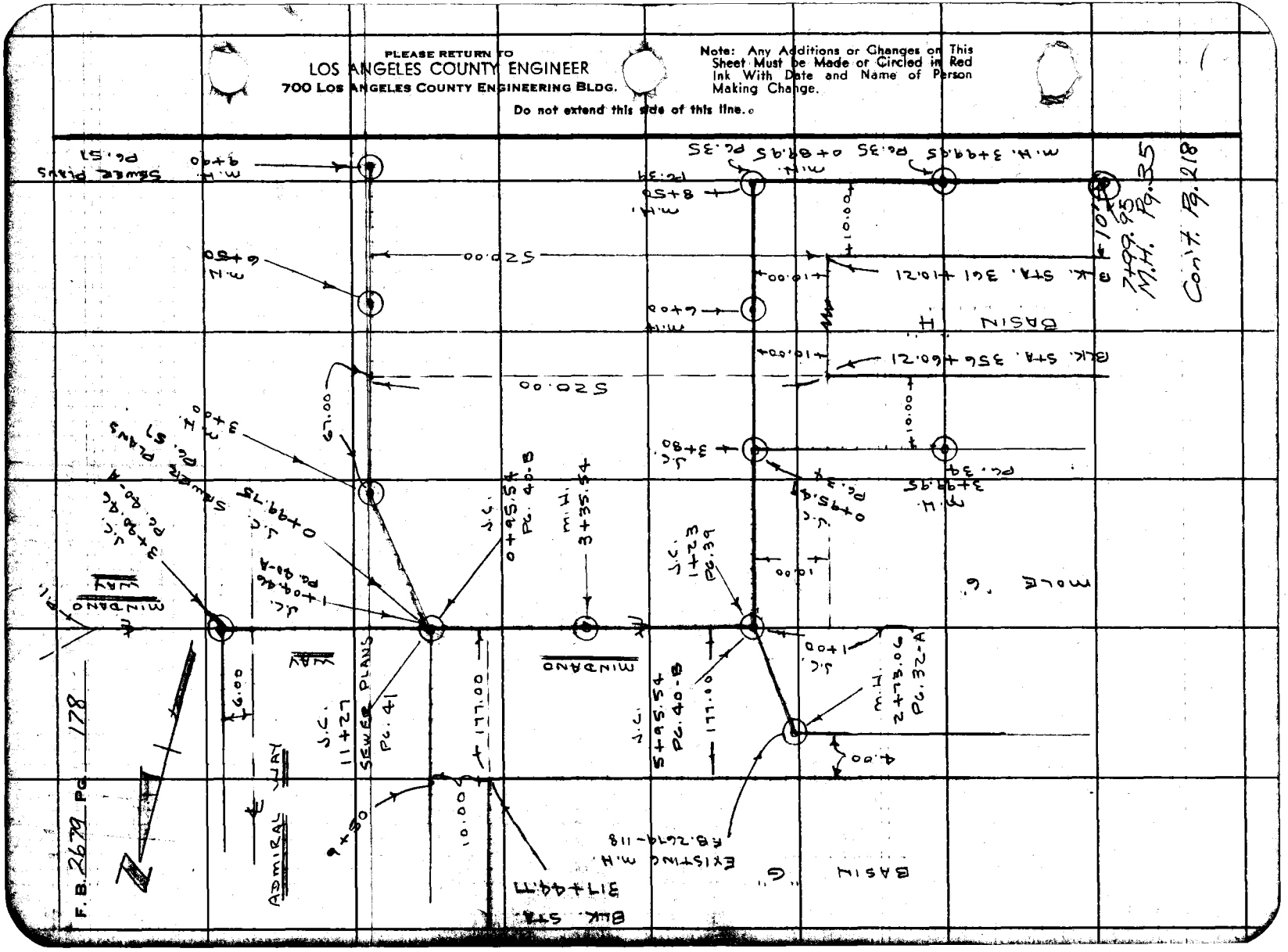

F. B. 2679 Pg. 179

Profile No. | Notes Red. Date | Plotted Date | Job No. 0739.11 Division No.
X-Sec. No. | Notes Chkd. Date | Checked Date | Survey of MARINA DEL REY
Survey by J.P.MENNE Notes J.P.M Date 6-14-61
Map No. Indexed H. E. OTT Date

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761-298 S & E #307—1-56

C. P. No. 8910.76

MARINA DEL REY

SEWER CONSTRUCTION STAKES

FROM

		PAGE
STA. 9+50 TO STA. 11+27	SEWER PLANS	41
STA 0+95.54 TO STA. 5+95.54	" "	40-B
STA. 0+95.49 TO STA 3+99.95	" "	34
STA. 1+23 TO STA. 8+50	" "	39
STA. 0+89.95 TO STA 3+99.95	" "	35
STA. 1+00 TO STA. 2+73.06	" "	32-A
STA. 1+04.46 TO STA. 3+90.46	" "	40-A
Sta. 0+99.75 To Sta. 9+90	" "	57

ELEV.	STAKES & TINS	12' LEFT & SEWER	STA 9+50 TO 11+27
	" " "	12' RT " "	~~STA 0+95.54 TO 5+95.54~~
	" " "	4' LEFT " "	STA. 0+95.49 TO 3+99.95
	" " "	14' LEFT " "	STA. 1+23 TO 3+80
	" " "	4' RT. " "	STA. 3+80 TO 8+50
F. B.	" " "	4' RT. " "	STA. 0+89.95 TO 3+99.95
	" " "	14' RT. " "	STA. 1+00 TO 2+73.06
	" " "	14' LEFT " "	STA. 1+04.46 TO 3+90.46
H. I.	" " "	20' " " "	0+99.75 To 9+90
B. B.			J. P. MENNE
			W. J. VOGE
			L. C. LOVE
STATION			R. H. GILFOY

76L-298 S & E #307—1-56

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F.B. 2679 Pg. 180 Job No. 0733.01 Division No. Profile
Survey of MARINA DEL REY Plotted No. X-Sec.
Survey by P.M. & M.E. Notes J.R.M. Date Notes Red. Checked
Indexed H.E. OTT Date Notes Chkd. Date No.
Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
STA 9+50 To			STA.	11+27	CTR. J.C.	SEWER PLANS Pg. 41		
(FD) T.B.m S-46				10 00	T.B.m. S-46	BLK. STA. 317 +42± ST. SPK. ON WALL		F.B. 2679-114
					% GRADE EL	CUT		
9+50				10.15	-2.03	12.18		
9+75				11.06	-1.99	13.05		
10+00				10.67	-1.95	12.62		
10+25				10.72	-1.91	12.63		
10+50				11.16	-1.87	13.03		
10+75				13.12	-1.83	14.95		
11+00				15.54	-1.79	17.33		
11+25		OUTLET		15.31	-1.75	17.06		
11+27		CTR. S.C.						
STA. 0+95.54 To			STA.	5+95.54	SEWER PLANS Pg. 40-B			
0+95.54		CTR. S.C.						
0+97.54		INLET			-1.74			
1+00					-1.74			
1+25				15.94	-1.70	17.64		
1+50				16.03	-1.66	17.69		
1+75				16.09	-1.62	17.71		
2+00				16.06	-1.58	17.64		

0.16% — 5+10 to 11+27: 1-12" ϕ CSP 12' LEFT ϕ SEWER
0.16% — 0+97.54 to 1+75: 1-12" ϕ CSP 12' RT. ϕ SEWER

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.

Profile Notes Red____ Plotted____ Job No. 073901 Division No.____ F.B. 2674 Pg. 18
No.____ Date____ Date____ Survey of MARINA DEL REY
X-Sec. Notes Chkd____ Checked____ Survey by J. PYMENNE Notes J. PYM Date 6-15-61
No.____ Date____ Date____ Map No.____ Index H. E. OTT Date____

LENKER ROD USED

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE EL	CUT	
					0%	GRADE EL	CUT	
2+25				16.26		-1.54	17.80	
2+50				16.41		-1.50	17.91	
2+75				16.41		-1.46	17.87	
3+00				16.29		-1.42	17.71	
3+25				16.13		-1.38	17.51	
3+33.54		OUTLET		16.07		-1.36	17.43	
3+35.54		CTR.						
3+37.54		INLET		15.93		-1.36	17.29	
3+50				15.90		-1.34	17.24	
3+75				15.17		-1.30	16.47	
4+00				14.73		-1.26	15.99	
4+25				14.31		-1.22	15.53	
4+50				13.64		-1.18	14.82	
4+75				9.53		-1.14	10.67	
5+00				9.32		-1.10	10.42	
5+25				11.34		-1.06	12.40	
5+50				13.85		-1.02	14.87	
5+75				13.67		-0.98	14.65	
5+93.54		OUTLET		11.34		-0.95	12.29	
5+95.54		CTR. J.C.						

0.04 ft

1'2" RT. ℄ SEWER

1+2 ft

76L298 307 10-51

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

Do not extend notes this side of this line.

F.B. 2679 Pg. 82 | Profile | No. | X-Sec. | No.
Survey of MARINA DEL REY | Notes Red. | Plotted | Division No. 0739.01
Survey by J.P. MENNE | Notes J.P.M. | Date | Job No.
Indexed H.E. OTT | Notes Chkd. | Checked | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED			
					TBM 5-47 Elev = 10.03 FB 2679			
TBM 5-47				10.03	Bt. spk in Wall Bulk hd			sta.
STA.	0 + 95.49	To	STA.	3 + 99.95	SEWER PLANS Pg. 34			
					No	GRADE EL	CUT	
(FD) T.B.m. S-66				10 03				T.B.m. S-66 BLK. STA. 356+40 ± F.B. 2679-115
0 + 95.49	T.P. 3.87	CTR. J.C.						
0 + 97.49		INLET		2.68		0.39	2.29	
1 + 00				2.61		0.40	2.21	
1 + 25				2.02		0.46	1.56	
1 + 50				2.13		0.52	1.61	
1 + 75				2.32		0.58	1.74	
2 + 00				2.38	0.240	0.64	1.74	
2 + 25				2.69		0.70	1.99	
2 + 50				2.77		0.76	2.01	
2 + 75				2.82		0.82	2.00	
3 + 00				2.79		0.88	1.91	
3 + 25				2.75		0.94	1.81	
3 + 50				2.78		1.00	1.78	
3 + 75				2.95		1.06	1.89	
3 + 97.95		OUTLET		6.25		1.12	5.13	
3 + 99.95		CTR. M.H.						F.B. 2679-114 BLK STA 352+85 ±
T.B.M. S-52				10 05				T.B.M. S-52 EL = 10.055

- 6" ø SEWER
- 4' LEFT ℄
- 4' TS ℄
- 1'-2" ℄

76298 S & E #307—7-55

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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.	LENKER ROD USED				
STA. 1+23 J.C. TO STA. 8+50 M.H. SEWER PLANS PG. 39									
(FD) T.B.M. S-66				10 03	T.B.M. S-66 BLK. STA. 356+40± BT. SPK. TOP WALL F.B. 2679-115				
					%	GRADE EL	CUT		
1+23		CTR. J.C.							
1+25		INLET	NO STAKE	— —		-0.95			
1+50				10 90		-0.91	11.81		
1+75				12 35		-0.87	13.22		
2+00				11 58		-0.83	12.41		
2+25				11 71	0.16%	-0.79	12.50		
2+50				11 34		-0.75	12.09		
2+75				10 89		-0.71	11.60		
3+00				10 65		-0.67	11.32		
3+25				11 29		-0.63	11.92		
3+50				11 36		-0.59	11.95		
3+75				11 05		-0.55	11.60		
3+78		OUTLET		8 51		-0.54	9.05		
3+80		CTR. J.C.							
3+82		INLET		3.09		-0.54	3.63		
4+00				2.38	0.16%	-0.51	2.89		
4+25				2.33		-0.47	2.80		
4+50				2.23		-0.43	2.66		

1x2 ℄ TS 14' LEFT ℄ SEWER

1x2 ℄ TS 4' RT. ℄ SEWER

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0739.01 Division No. ____ F.B. 2679 Pg. 183

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

Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 6-19-61

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

76298 S & E #307—7-55

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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. 2679 Pg. 84 | Job No. 0739.01 | Division No. | Notes Red. | Plotted | No. | Profile
Survey of MARINA DEL REY | Date | Date | No. | X-Sec.
Survey by J.P. MENNE | Notes J.P.M. | Notes Chkd | Checked | Date
Indexed H.E. OTT | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED %	GRADE EL	CUT	
4+75				2.08		-0.39	2.47	
5+00				2.01		-0.35	2.36	
5+25				2.08		-0.31	2.39	
5+50				1.96		-0.27	2.23	
5+75				1.78		-0.23	2.01	
5+98		OUTLET		1.72		-0.19	1.91	
6+00		CTR. M.H.						
6+02		INLET		1.70		-0.19	1.89	
6+25				1.77		-0.15	1.92	
6+50				1.80		-0.11	1.91	
6+75				1.74		-0.07	1.81	
7+00				1.75		-0.03	1.78	
7+25				1.69		+0.01	1.68	
7+50				1.86		0.05	1.81	
7+75				2.02		0.09	1.93	
8+00				2.16		0.13	2.03	
8+25				2.37		0.17	2.20	
8+48		OUTLET		2.87		0.21	2.66	
8+50		CTR. M.H.						
(FD) T.B.M. S-67				10.05				

0.1% — SEWER — 0.10% — 2 @ 4" TS RT — 2 @ 4" TS LT

NOTE

SEWER GRADE CHANGED TO MEET EXISTING C.I. PIPE @ STA. 1+92 ON SEWER PLANS PG. 35

PIPE 0.29 LOW

%	GRADE EL	CUT
	-0.190	1.89
	-0.164	1.934
	-0.138	1.938
	-0.112	1.852
	-0.086	1.836
	-0.060	1.750
	-0.034	1.894
	-0.008	2.028
	+0.018	2.142
	0.044	2.326
	0.07	2.800

T.B.M. S-64
F.B. 2679-
EL. = 10.05

76L298 307 10-51

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Profile No. Notes Red Plotted Job No. 0739.01 Division No.
X-Sec. No. Date Date Survey of MARINA Sht. Red
Notes Chkd Checked Survey by J.P.MENNE Notes J.P.M Date 6-20-61
No. Date Date Map No. Indexed Date

F.B. 2679 Pg. 85

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED
(FD) T.B.M. S-67				10.05	T.B.M. S-67 BLK. STA. 361+10 ± BT. SPK. TOP WALL F.B. 2679-115
STA. 0+89.95 TO STA. 3+99.95					SEWER PLANS PG. 35
0+89.95		CTR. M.H.			
0+91.95		INLET		2.78	
1+00				2.31	
1+25				2.05	
1+50				1.83	
1+75				1.96	
2+00				1.99	
2+25				1.84	
2+50				1.87	
2+75				2.01	
3+00				2.02	
3+25				2.04	
3+50				2.08	
3+75				2.12	
3+97.95		OUTLET		2.20	
3+99.95		CTR. M.H.			
TBM 5-68				10.02	TBM 5-68 Elev = 10.01 FB 2679-115 BT SPK. in Wall Bolt hd. STA. 366+80 ±

%	GRADE EL	CUT	STA.
0.105%	0.070	2.710	0+91.95
	0.084	2.226	1+00
	0.110	1.940	1+25
	0.136	1.694	1+50
	0.162	1.798	1+75
	0.180		1+92

GRADE

NOTE

SEWER GRADE CHANGED TO MEET EXISTING C.I. PIPE @ STA. 1+92 ON SEWER PLANS PG. 35 PIPE 0.29 LOW

0.47 1.52 0 TO 0.105% 1 1/2 FT ℄ SEWER
0.51 1.33 2 FT ℄ RT
0.55 1.32
0.59 1.42
0.63 1.39
0.67 1.37
0.71 1.37
0.75 1.37
0.78 1.42

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.

STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED				
(FD)								BLK STA. 356+40 ±	
T.B.M. S-66				10 03	T.B.M. S-66			BT. SPK. TOP WALL	F.B. 2679-115
STA. 1+00 J.C. TO 2+73.06					SEWER PLANS				PG. 32-A
					%	GRADE EL	CUT		
1+00		CTR. J.C.							
1+02		INLET		12.75		0.29	12.46		
1+25				12.77		0.49	12.28		
1+50				11.95		0.71	11.24		
1+75				11.62		0.93	10.69		
2+00				11.54	0.88 %	1.15	10.39		
✓ 2+25				10.05		1.37	8.68		
2+50				10.33		1.59	8.74		
2+71.06		OUTLET		8.65		1.78	6.87		
2+73.06		CTR. mill.							
						TBM S-47		Elev. = 10.03	F.B. 2679-114
TBM S-47				10.04		BT. Spk in Wall		Bulk hd.	Sta. 324+25 ±

F.B. 2679 PG. 186 Job No. 0739.01 Division No. Notes Red. Plotted No. Profile

Survey of MARINA DEL REY Date Date X-Sec.

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

Indexed H. E. OTT Date Date 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.

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Profile Notes Red ____ Plotted ____ Job No. 073401 Division No. ____
No. ____ Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 6-21-61
No. ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2679 Pg. 187

STATION	B.S.	H.I.	F.S.	ELEV.	LENKER ROD USED			
	STA. 1+04.46	J.C.	TO. STA.	3+90.46 J.C.	SEWER PLANS		P6. 40-A	
(FD) T.B.m. S-46				10 00	T.B.m. S-46	BLK. STA. 317+42 ± BT. SPK. TOP WALL		F.B. 2679-114
					No.	GRADE EL	CUT	
1+04.46		CTR. J.C.						
1+06.46		INLET				-1.54		
1+25				16.38		-1.36	17.74	
1+50				15.95		-1.12	17.07	
1+75				15.86		-0.88	16.74	
2+00				16.02		-0.64	16.66	
2+25				16.26		-0.40	16.66	
2+50				16.56		-0.16	16.72	
2+75				16.91		+0.08	16.83	
3+00				16.85		0.32	16.53	
3+25				16.72		0.56	16.16	
3+50				16.68		0.80	15.88	
3+75				16.30		1.04	15.26	
3+88.46		OUTLET		16.08		1.17	14.91	
3+90.46		CTR. J.C.						
(FD) T.B.m. S-45				9 99				

0.96 %

142 & TS 14' LEFT & SEWER

T.B.m. S-45 BLK. STA. 311+65 ±
EL = 9.99 F.B. 2679-114

F.B. 2679 PG. 188

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 _____ Date _____ Date _____ No. _____

76L-296 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.		
TBM S-						
					TBM S- Elev.= Bt Spk. in Wall Blk. Sta.	
					% GRADE El. cut	
						FB. 2679-

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.	LENKER ROD USED		
TBM 5-67				10.05	TBM 5-67 Elev.= 10.05 FB. 2679- Bt. Spk. in Hall Blk. St.		
	STA. 3+99.95 to		7+99.95				
					%	GRADE EL	CUT
3+99.95		Ctr MH					
4+01.95		inlet		2.52		0.79	1.73
4+25				2.26		0.83	1.43
4+50				2.09		0.87	1.22
4+ 75				2.14		0.91	1.23
5+ 00				2.06		0.95	1.11
5+25				2.31		0.99	1.32
5+50				2.32	0.16 %	1.03	1.29
5+75				2.14		1.07	1.07
6+00				2.23		1.11	1.12
6+25				2.16		1.15	1.01
6+50				2.44		1.19	1.25
6+75				2.49		1.23	1.26
7+00				2.59		1.27	1.32
7+25				2.63		1.31	1.32
7+50				2.60		1.35	1.25
7+ 75				2.48		1.39	1.09
7+ 97.95		out lot		2.60		1.43	1.17

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 073901 Division No. 11 Survey of Marina Del Rey Survey by Menne Notes Vage Date ____ Map No. ____ Indexed H. F. OTT Date ____

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

F.B. 2679 Pg. 189

F.B. 2679 Pg. 190 | 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 | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.
7+99.95		Ctr MH.		

76L-296 CE 307 11-58

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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.

8" V.C.P.
.87 = F.L. To Top of Bell **Do not extend notes this side of this line.**

STATION	B.S.	H.I.	F.S.	ELEV.	Lenker rod used				
(fd.) T.B.M. S-46				10 00	S-46, el=10.005, Pg. 114, Bt. Spk. Top wall Blk. Sta. 317+42±				
J.C. 0+99.75 To: M.H. 9+90.00					Sewer Plans Pg. 57				
0+99.75		Ctr. J.C.			%	Grade El.	Cut		
1+01.75		8' Inlet		—	3.08%	-1.58		1x2 & T.s 20' Left of ℄ Sewer	rod
1+25				—		-0.87			5.76
1+50				14 98		-0.10	15.08		4.99
1+75				—		+0.67			4.22
2+00				14 97		+1.44	13.53		3.45
2+25				—		+2.21			
2+50				14 71		+2.98	11.73		
2+75				—		+3.75			
2+98.00		8" Outlet		15 77		+4.46	11.31		
3+00		Ctr. M.H.		15 83					
3+02		8" Inlet		16 03		4.56	11.47		
3+25				—	0.40%	4.65			
3+50				17 13		4.75	12.38		
3+75				—		4.85			
4+00				17 14		4.95	12.19		
4+25				—		5.05			
4+50				16 70		5.15	11.55		
4+75				16 44		5.25	11.19		

Profile No. ___ Notes Red ___ Date ___ Plotted ___ Date ___ Job No. 0739.01 Division No. 11 F.B. 2679 Pg. 191
X-Sec. No. ___ Notes Chkd. ___ Date ___ Checked ___ Date ___ Survey of Marina Del Rey Survey by English Notes Ed. Date 7-6-61
Map No. ___ Indexed H. E. OTT Date ___

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

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

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade El.	Cut	
						Lenker rod used		
5+00						5.36		
5+25				15 54	0.40%	5.45	10.09	
5+50						5.55		
5+75				15 41		5.65	9.76	
6+00						5.75		
6+25				15 43		5.85	9.58	
6+48		8" Outlet		15 50		5.94	9.56	
6+50		M.H.		15 59				
6+52		8" Inlet		15 55		6.04	9.51	
6+75						6.13		
7+00				16 06		6.23	9.83	
7+25						6.33		
7+50				16 87		6.43	10.44	
7+75						6.53		
8+00				17 25	0.40%	6.63	10.62	
8+25						6.73		
8+50				17 03		6.83	10.20	
8+75						6.93		
9+00				17 97		7.03	10.94	
9+25						7.13		
9+50				18 57		7.23	11.34	

1x2 & T.S 20' Left & Sewer

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.	Lenker rod used				
					%	Grade El.	Cut		
9+75				—	0.40	7.33		1x2 & Ts 20' L. of ℄ Sewer	
9+88		8" Outlet		18 78		7.38	11.40		
9+90 fd.		M. H.		18 00					
T.B.M. S-67				10 05					S-67 el. 10.05 Pg. 142 S.E. Cor Basin "H" Bt. Spk.

Profile Notes Red ____ Plotted ____ Job No. 0739.01 Division No. 11 F.B. 2679 Pg. 193
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 7-7-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 CE 307 11-58

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F.B. 2679 Pg. 194 | Job No. 0339.01 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of Marina Del Rey | Date | Date | No.
Survey by English | Notes | Notes Chkd. | Checked | X-Sec.
Indexed H.E. Ott | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.		Lenker rod used			
Fd. T.B.M. S-46				10 00		S-46, el=10.005, Pg. 114, Sewer Plans Pg. 55			Bt. Spk. in top of wall Blk. Sta. 317+42±
J.C. 0+54.54 To:		M.H.	3+50						
0+54.54		Ctr. J.C.			%	Grade El.	Cut		
0+56.54		8" Inlet				1.37			
0+75.				17 37		1.66	1571		
1+00				18 15		2.06	1609		
1+25						2.46			
1+50				17 96		2.86	1510		
1+75						3.26			
2+00				17 31	1.60 %	3.66	1365		
2+25						4.06			
2+50				17 61		4.46	1315		
2+75						4.86			
3+00				17 62		5.26	1236		
3+25						5.66			
3+48		8" Outlet		17 73		6.03	1170		
3+50		Ctr. M.H.							
52									
23									
375									

1 x 2 & T.S. 20' Right of ℄ Sewer

Notes Ck'd by		Survey of MARINA DEL REY	F.B. 2679 Pg. 195
Map No.		JN 07 3941 Tape 0199 Std. 68 °F	
Office Work		Surveyed by J.P. MENNE	
Checked		Notes J.P.M. Date 6-29-61	
Date		Indexed H. E. OTT	

SEWER LOCATION

C.P. No. 8910.76

MARINA DEL REY

STA 6+32.59 TO STA. 20+35.75 SEWER PLANS PG. 2 & 5

J.P. MENNE

W.J. VOGE

L.C. LOVE

R.H. GILFOY

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76F3098 S&E #247 11-58

F. B. 2679 PG 196

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Profile No. | Notes Red | Plotted | Job No. 0739.01 | Division No. | F.B. 2679 Pg. 197

Date | Date | Survey of MARINA DEL REY

X-Sec. No. | Notes Chkd. | Checked | Survey by J.P. MENNE Notes H.E. OTT Date 6-23-61

Date | Date | Map No. | Indexed | Date

C.P. NO. 8910.76

MARINA DEL REY

SEWER CONSTRUCTION STAKES

FROM

STA. 6+32.59 TO STA. 20+35.75 SEWER PLANS PG. 2 & 9

STAKES & TINS 4' RT & SEWER STA. 6+32.59 TO STA. 20+35.75

TWO COPIES GRADE SHEET GIVEN INSPECTOR IN FIELD

J.P. MENNE
W.J. VOGE
L.C. LOVE
R.H. GILFOY

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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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LENKER ROD USED				
					%	GRADE EL	CUT		
(FD) T.B.M. S-41				10 01					T.B.M. S-41 BLK. STA. 0+01± BT. SPK. TOP WALL - F.B. 2679-95
6+32.59		CTR. M.H.							
6+34.59		INLET		9.17		5.49	3.68		
6+50				9.04		5.53	3.51		
6+69.44		OUTLET		10.01		5.58	4.43		
6+71.44		CTR. M.H.							
6+73.44		INLET		10.08		5.58	4.50		
6+75				10.05		5.59	4.46		
7+00				10.26		5.65	4.61		
7+25				10.24	0.24%	5.71	4.53		
7+50				10.23		5.77	4.46		
7+75				10.28		5.83	4.45		
8+00				10.39		5.89	4.50		
8+25 T.P.				10.73		5.95	4.78		
8+50				11.79		6.01	5.78		
8+75				12.85		6.07	6.78		
9+00				12.41		6.13	6.28		
9+25				12.40		6.19	6.21		
9+50				12.47		6.25	6.22		
9+75				12.07		6.31	5.76		

1x2 & Ts 4' RT. & SEWER

F.B. 2679 Pg. 198

Job No. 0739.01 Division No. ____ Notes Red ____ Plotted ____ Profile ____

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

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

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

76L-298 CE 307 11-58

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Profile No. _____ Notes Red _____ Plotted _____ Job No. 0739.01 Division No. _____
X-Sec. No. _____ Date _____ Date _____ Survey of MARINA DEL REY
Notes Chkd. _____ Checked _____ Survey by J.P. MENNE Notes JPM Date 6-23-61
Date _____ Date _____ Map No. _____ Indexed H. E. OTT Date _____

F.B. 2679 Pg. 99

STATION	B.S.	H.I.	F.S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
10 +00				12.17		6.37	5.80	
10 + 22.86		OUTLET		12.36		6.43	5.93	
10 + 24.86		CTR. M.H.						
10 + 26.86		INLET		12.54		6.43	6.11	
10 + 50				12.43		6.49	5.94	
10 + 75				12.16		6.55	5.61	
11 + 00				12.09		6.61	5.48	
11 + 25				12.06		6.67	5.39	
11 + 50				11.90		6.73	5.17	
11 + 75 T.P.				12.23		6.79	5.44	
12 + 00				12.35		6.85	5.50	
12 + 25				12.41		6.91	5.50	
12 + 50				12.53		6.97	5.56	
12 + 75				12.76		7.03	5.73	
13 + 00				12.94		7.09	5.85	
13 + 25				13.06		7.15	5.91	
13 + 50				13.12		7.21	5.91	
13 + 59.20		OUTLET		13.14		7.24	5.90	
13 + 61.20		CTR. M.H.						
13 + 63.20		INLET		13.21		7.24	5.97	

0.24% — 12" & 15" RT. & SEWER

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LENKER ROD USED			
					%	GRADE EL	CUT	
13+75				13.33		7.27	6.06	
14+00				13.47		7.33	6.14	
14+25				13.65		7.39	6.26	
14+50				13.78		7.45	6.33	
14+75				13.95		7.51	6.44	
15+00 T.P.				14.17		7.57	6.60	
15+25				14.20		7.63	6.57	
15+50				14.11		7.69	6.42	
15+75				13.90	0.24 %	7.75	6.15	
16+00				14.03		7.81	6.22	
16+25				13.75		7.87	5.88	
16+50				13.70		7.93	5.77	
16+75				13.77		7.99	5.78	
16+98.46		OUTLET		13.86		8.05	5.81	
17+00.46		CTR. M.H.						
17+02.46		INLET		13.90		8.05	5.85	
17+25				14.27		8.11	6.16	
17+50				14.33		8.17	6.16	
17+75				14.43		8.23	6.20	
18+00				14.58		8.29	6.29	

1+2 # TS 4' RT. & SEWER

F.B. 2679 Pg. 200

Job No. 0739.01 Division No. Notes Red Plotted Profile

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

Survey by J.P. MENNE Notes J.P.M. 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.	LENKER ROD USED			
					%	GRADE EL	CUT	
18+25 T.P.				14.68		8.35	6.33	
18+50				14.80		8.41	6.39	
18+75				14.88		8.47	6.41	
19+00				15.05	0.24%	8.53	6.52	1X2 & 75 4'R. & Sewer
19+25				15.08		8.59	6.49	
19+50				15.13		8.65	6.48	
19+75				15.06		8.71	6.35	
20+00				15.10		8.77	6.33	
20+25				15.00		8.83	6.17	
20+33.75		OUTLET		15.21		8.85	6.36	
20+35.75		CTR. M.H.						
T.P.				16.60				
TBM "B"				20.86				

TBM "B" Elev. 20.84 FB. 2679-95
Bt. spk. in P.P. #267623M 45'±N & 15'± of Int. 56th Ave & Marita Pl.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739-01 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of MARINA DEL REY
Notes Chkd. ____ Checked ____ Survey by J.P. MENNE Notes J.P.M. Date 6-23-61
Date ____ Date ____ Map No. ____ Index No. ____ Date ____

H. E. OTT

F.B. 2679 Pg. 201

F.B. 2679 Pg. 202

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.	

76L-296 CE 307 11-58

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Notes Ck'd by	Survey of Marina Del Rey
Map No.	JN 0739.01 Tape 0220 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 7-1961
Date	Indexed H. E. OTT

F. B. 2679 Pg. 203

SEWER LOCATION

C. P. # 8910.76

MARINA DEL REY

Sta. 0+73.67
To:
Sta. 6+85.15
Sewer Plans
Pgs 54 & 60

July 19, 1961
English
Shoemaker
Fouger
Dupuis
Tollison

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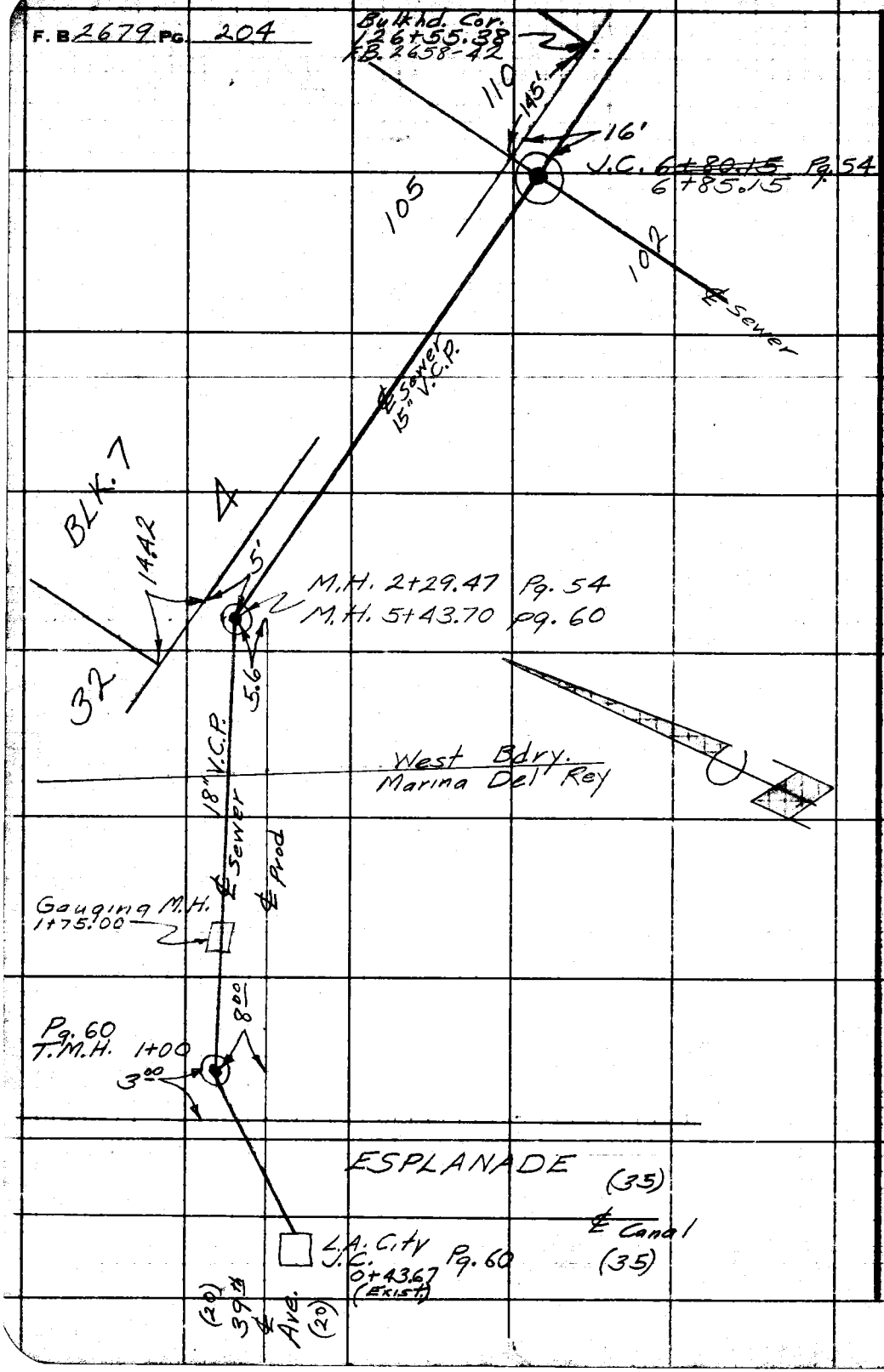
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 SAE #247 11-58

F. B 2679 PG. 204



LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

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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 7-20-61

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

F.B. 2679 Pg. 203

C.P. No. 89.0.76

MARINA DEL REY

SEWER CONSTRUCTION STAKES

Sta. 0+43.67 To: Sta. 5+43.70 Sewer Plans Pg. 60
Stakes & Tins & Sewer

Sta. 2+29.47 To: Sta. 6+85.15 Sewer Plans Pg. 54
Stakes & Tins & Sewer

Two Copies of Grade Sheet given Inspec. in field. (Hap Galpher)

July 20, 1961
English
Shoemaker
Foulger
Dupuis
Tollison

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

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761-236 CE 307 11-58

76L-298 CE 8/67-4M

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Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____
Checked ____ Date ____
Notes Ckd. ____ Date ____
Notes Red ____ Date ____
Division No. 11
Job No. 0739.01
Surveyed ____ Date ____
Surveyed by English Notes Ed. Rey
Drawn by H.E. Ott
Traced ____ Date ____
Indexed ____
P. 2679 P. 206

Lenker Rod Used

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev.	Cut	
B.M. M.D.R.#67	2.87	10.53 M.L.L.W.		7.66				B.M. M.D.R.#67, el=7.66, F.B. 2649-27
0+43.67		J.C. - City of L.A. (Exist.)						Bt. Spk. in N.E. Cor. conc. footing (Storage tank)
0+46.67		Inlet	4.32	6.21		-12.24	18.45	
0+50			4.51	6.02	7.24	-11.99	18.01	
0+75			5.73	4.80		-10.25	15.05	
0+98		Outlet	4.13	6.40		-8.63	15.03	
1+00		T.M.H.						El=-5.00
1+02		Inlet	3.88	6.65		-8.54	15.19	Set N.& T.s in Whalers
1+25			4.42	6.11		-8.45	14.56	
1+50			3.80	6.73		-8.35	15.08	
1+69.58		Outlet	5.08	5.45		-8.27	13.72	
1+[illegible].00		Gauging M.H.						& Sewer
1+77.17		Inlet	5.02	5.51		-8.02	13.53	
2+00			4.93	5.60	0.40	-7.93	13.53	
2+25			5.20	5.33		-7.83	13.16	
2+50			3.49	7.04		-7.73	14.77	
2+75			2.72	7.81		-7.63	15.44	
3+00			3.46	7.07		-7.53	14.60	1+22 & T.s
3+25			4.36	6.17		-7.43	13.60	
3+30						-7.33		Set 3+62.5
3+75	11.89	22.33	0.09	10.44			+17.67	el=-7.2

76L-298 CE 307 11-58

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Lenker Rod Used

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade El.	Cut	
		22.33						
4+00			3.24	19.09		-7.13	26.22	
4+25			2.75	19.58		-7.03	26.61	
4+50			2.12	20.21	0.40	-6.93	27.14	
4+75			1.63	20.70		-6.83	27.53	
5+00			1.02	21.31		-6.73	28.04	
5+25			0.98	21.35		-6.63	27.98	
5+41.70	1.90	23.39 Outlet	0.84	21.49		-6.56	28.05	
5+43.70		M.H.						
2+29.47								
2+31.47		Inlet	2.62	20.77		-6.23	27.00	
2+50		23.39	3.07	20.32		-6.18	26.50	
2+75						-6.11		
3+00			3.71	19.68	0.28	-6.04	25.72	
3+25						-5.97		
3+50			3.32	20.07		-5.90	25.97	
3+75						-5.83		
4+00			3.73	19.66		-5.76	25.42	
4+25						-5.69		
4+50			4.83	18.56		-5.62	24.18	
4+75						-5.55		

& Sewer

1-12 & 7-5

✓Note: 3+30.5
6" Y
6" H.L.
6" Chimney ✓

Survey of Malibu Del Rey
Surveyed by English Notes Ed
Date 7-20-61
Map No. Indexed H.E. Ott Date
No. Date
No. Date
Checked Date
Drawn Date
Traced Date
Prints Date
Division No. 11
Job No. 2679.01
2679.01

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.	Lenker Rod Used				
		23.39			%	Grade Elev.	Cut		
5+00			5.33	18.06		-5.48 ✓	23.54		
5+25						-5.41			
5+50	1.08	18.72	5.75	17.64		-5.34	22.98		
5+75					0.28	-5.27			
6+00			1.11	17.61		-5.20	22.81		
6+25						-5.13			
6+50			1.77	16.95		-5.06	22.01		
6+75						-4.99			
6+83.15		Outlet				-4.98		℄ Sewer	
6+85.15		J.C.							
B.M. S-19			8.74	9.98					B.M. S-19 el=9.975, Pg.38 Sta. 126+55.38 S.W. Cor. Basin "C" Bt. Spk. in Bulkhd.
								1x2 & T.S	

F.B. 2679 Pg. 208 Job No. 0739.01 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 No.

Notes Ck'd by		Survey of Marina Del Rey	F. B. 2679 Pg. 209
Map No.		JN 07390 Tape 0220 Std 68 °F	
Office Work		Surveyed by English	
Checked		Notes Ed. Date 7-21-61	
Date		Indexed H. E. OTT	

MARINA DEL REY
C. P. No. 8910.76

SEWER CONSTRUCTION
STAKES

Sta. 1+16.00	To:	15+56.96	Sewer Plans Pg. 50 & 51

July 21, 1961
English
Shoemaker
Foulger
Dupuis
Tollison

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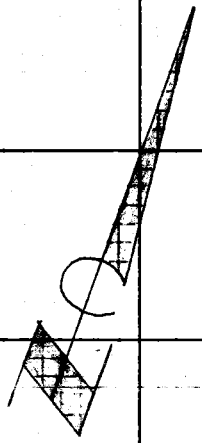
700 Los Angeles County Engineering Bldg.

76F309S S&E #247 11-58

F. B. 2679 PG. 210



See: F.B. 2658 - 41, 42 & 43
For: Bulkhd. Lines

1+16.00 J.C.

Basin "C"

Mole # 2

4+44.00 J.C.

Bulkhd. Line

7+75.15 M.H.

Basin "B"

11+61.15 J.C.

15+56.96 J.C.

Mole # 1

Basin "A"

LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

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Profile No. | Notes Red. Date | Plotted Date | Job No. 07390L | Division No. 11 | F. B. 2679 Pg. 211
X-Sec. No. | Notes Chkd. Date | Checked Date | Survey of Marina Del Rey | Survey by Uharriet | Notes Uharriet Date 7-24-61 | Map No. | Indexed H. E. OTT Date

C.F. No. 5910.76

MARINA DEL REY

Sewer Construction Stakes

Sta. 1+16.00 to Sta. 15+56.96

Sewer Plans Pg. 50, 51

7/24/61
Uharriet
Peterson
Wallace
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.

Do not extend notes this side of this line.

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

76L298 S & E #307 9-57

76L2[illegible] 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.

1.10 higher

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.				
T.B.M. S-19				9.97	%	Grade Elev.	Cut		T.B.M. S-19 Elev. = 9.975
									Spike in bulkhead F.B. 2679-38
1+16.00									J.C.
1+18.00				15.72		-3.28 ✓	19.00		Inlet
1+25				15.58		-3.27 ✓	18.85		
1+50				15.11		-3.23 ✓	18.34		
1+75				15.56		-3.19 ✓	18.75		
2+00				15.01		-3.15 ✓	18.16		
2+25				15.79		-3.11 ✓	18.90		
2+50				15.66	0.16	-3.07 ✓	18.73		
2+75				15.00		-3.03 ✓	18.03		
3+00				15.17		-2.99 ✓	18.16		
3+25				14.85		-2.95 ✓	17.80		
3+50				14.65		-2.91 ✓	17.56		
3+75				15.11		-2.87 ✓	17.98		
4+00				14.83		-2.83 ✓	17.66		
4+25				14.91		-2.79 ✓	17.70		
4+42.00				14.38		-2.76 ✓	17.14		Outlet
4+44.00									J.C.
T.B.M. S-28				10.[illegible]3					T.B.M. S-28 Elev. 10.025
									Spike in bulkhead F.B. 2679-[illegible]

LENKER ROD USED

F. B. 2679 Pg. 212 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.

76L-298 CE 307 11-58

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.

STATION	B.S.	H.I.	F.S.	ELEV.	DATUM. - M.L.L.W.				
T.B.M. 5-28				10 02	%	Grade Elev.	Cut		T.B.M. 5-28 Elev.=10.025
									spike in bulkhead F.B. 2679-40
4+44.00									J.C.
4+46.00				14 02		-2.76	16.78 ✓		Inlet
4+50				13 96		-2.75	16.71		
4+75				13 80		-2.71	16.51 ✓		
5+00				13 68		-2.67	16.35 ✓		
5+ 25				13 73		-2.63	16.36 ✓		
5+ 50				11 68		-2.59	14.27 ✓		
5+75				11 33	0.16	-2.55	13.88 ✓		
6+00				10 80		-2.51	13.31 ✓		
6+25				11 67		-2.47	14.14 ✓		
6+50				12 14		-2.43	14.57 ✓		
6+75				12 50		-2.39	14.89 ✓		
7+00				12 33		-2.35	14.68 ✓		
7+25				12 53		-2.31	14.84 ✓		
7+50				12 43		-2.27	14.70		
7+73.15				12 51		-2.23	14.74		Outlet
7+75.15				12 44					M.H.
T.B.M. 5-28				10 02					

LENKER ROD USED

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. 11 F.B. 2679 Pg. 213
X-Sec. No. ____ Date ____ Date ____ Survey of Marina Del Rey
Notes Chkd. ____ Checked ____ Survey by Uhrecht Notes Checked ____ Date 7-24-61
Date ____ Date ____ Map No. ____ 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.

Do not extend notes this side of this line.

Datum M.L.L.W.

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade El.	Cut	
7+77.15	Inlet			12 39		-2.23	14.62	✓
8+00				12 10		-2.19	14.29	✓
8+25						-2.15		
8+50						-2.11		
8+75						-2.07		
9+00				13 73		-2.03	15.76	✓
9+25						-1.99		
9+50						-1.95		
9+75						-1.91		
10+00				12 60		-1.87	14.47	✓
10+25						-1.83		
10+50						-1.79		
10+75						-1.75		
11+00				12 03	0.16	-1.71	13.74	✓
11+25						-1.67		
11+50						-1.63		
11+59.15	Outlet			11 07		-1.61	12.68	✓
11+61.15	J.C.			11 07				
11+63.15	Inlet			11 07		-1.61	12.68	✓
11+75						-1.59		
12+00				12 02		-1.55	13.56	✓
12+25						-1.51		

Lenker Rod Used

Offset 20' R. of ℄ Sewer

D.F.

F.B. 2679 Pg. 214 Job No. 073901 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. OIT Date Date Date No.

76L-298 CE 307 11-56

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

Profile Notes Red ____ Plotted ____ Job No. 0739.01 Division No. 11
No. ____ Date ____ Date ____ Survey of Marina Del Rey
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Entered Date 7-27-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. Ott Date ____
F. B. 2679 Pg. 2,5

Datum M.L.L.W.

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev.	Cut		
12+50						-1.47 ✓			
12+75						-1.43 ✓			
13+00				13.68		-1.39 ✓	15.07	✓	
13+25						-1.35 ✓			
13+50						-1.31 ✓			
13+75						-1.27 ✓			
14+00				13.33		-1.23 ✓	14.56	✓	
14+25						-1.19 ✓			
14+50						-1.15 ✓			
14+75						-1.11 ✓			
15+00				12.06		-1.07 ✓	13.13	✓	
15+25						-1.03 ✓			
15+50						-0.99			
15+54.96	Outlet			11.04		-0.98	12.02	✓	
15+56.96	J.C.								
fd. B.M. 5-36				10.03					5-36, el = 10.03, Pg. 94 N.W. Cor. ± Basin "A"

Lenker Rod Used

0.16

Offset 20' R. of ℄ Sewer

O.E.

F. B. 2679 Pg. 216 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.

76L-266 CE 307 11-58

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Survey of Marina Del Rey
JN 0739.01 Tape 0220 Std. 68 °F
Surveyed by English
Notes Ed. Date 7-26-61
Indexed H. E. OTT

F. B. 2679 Pg. 217

MARINA DEL REY

C.P. # 8910.76

SEWER LOCATION

Sta. 7+99.95	To: Sta. 19+37.05	Sewer Plans	Pg. 35
" 0+05.41	" 23+46.99	"	" 36, 37, 38 & 16-A

July 26, 1961
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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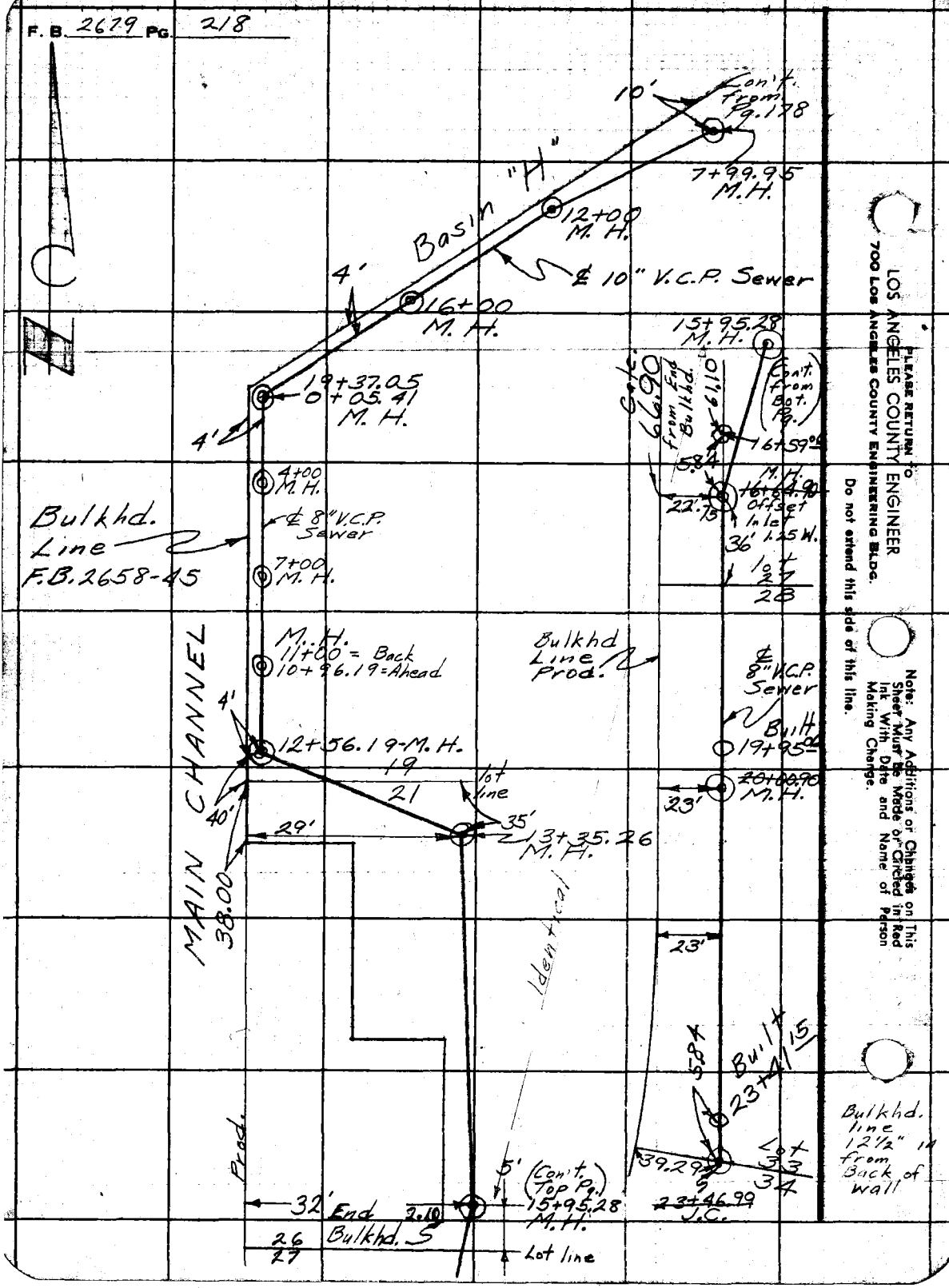
700 Los Angeles County Engineering Bldg.

70F3095 SAE #247 11-58

F. B. 2679 PG. 218



LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
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Profile No. | Notes Red. | Date | Plotted | Date | Job No. 07339.06 | Division No. 11 | F. B. 2679 | Pg. 19

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of Marina Del Rey | Survey by Uharriet | Notes Uharriet | Date 7-25-61 | Map No. | Indexed H. E. OTT | Date

C.P. # 8910.76

MARINA DEL REY

SEWER CONSTRUCTION STAKES

Sta. 7+99.92 to Sta. 19+37.05 Sewer Plans Pg. 35

" 0+05.41 " " 23+46.99 Pgs 36, 37, 38 & 16A

Uharriet
Peterson
Wallace
Duran
Robbins

July 27, 1961
English
Shoemaker
Faulgel
Dupuis
Tollison

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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726 Los Angeles County Engineering Bldg.

76L298 S & E #307 9-54

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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.				
T.B.M. S-68				10.01	0/10	Grade Elev.	Cut		T.B.M. S-68 Elev. = 10.01
									spike in bulkhead F.S. 2679-142
8+01.95		LENKER ROD USED		2.73		1.43	1.30		Inlet M.H.
8+25				3.05		1.47	1.61		
8+50				2.90		1.51	1.39		
8+75				2.87		1.55	1.32		
9+00				2.96		1.59	1.37		
9+25				2.94		1.63	1.31		
9+50				2.87		1.67	1.20		
9+75				2.84		1.71	1.13		
10+00				2.81		1.75	1.06		
10+25				3.06	0.16	1.79	1.27		
10+50				3.35		1.83	1.52		
10+75				3.22		1.87	1.35		
11+00				3.30		1.91	1.39		
11+00				3.15		1.91	1.24		
11+25				3.54		1.95	1.59		
11+50				3.65		1.99	1.66		
11+75				3.55		2.03	1.52		
11+98				3.55		2.07	1.48		Outlet M.H.
12+00						2.07			M.H.

4' offset right

4' offset left

F. B. 2679 Pg. 220 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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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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Profile Notes Red_____ Plotted_____ Job No. 2759.21 Division No. 11 F. B. 2679 Pg. 21
No._____ Date_____ Date_____ Survey of Nazarene Rev. Rev.
X-Sec. Notes Chkd._____ Checked_____ Survey by Liberty Notes Liberty Date 7-23-61
No._____ Date_____ Date_____ Map No._____ Indexed H. F. Ott Date_____

DATUM = M.L.L.W.

STATION	B. S.	H. I.	F. S.	ELEV.	%	Grade Elev.	Cut	
12+02				3.45		2.07	1.38	Inlet M.H.
12+25				3.36		2.11	1.25	
12+50				3.32		2.15	1.17	
12+75				3.41		2.19	1.28	
13+00				3.64		2.33	1.41	
13+25				3.57		2.27	1.30	
13+50				3.66		2.31	1.55	
13+75				4.10		2.35	1.75	
14+00				4.18		2.39	1.79	
14+25				4.15		2.43	1.72	
14+50				4.16		2.47	1.69	
14+75				4.30		2.51	1.79	
15+00				4.33		2.55	1.78	
15+25				4.39		2.59	1.80	
15+50				4.48		2.63	1.85	
15+75				4.51		2.67	1.84	
15+98				4.60		2.71	1.89	Outlet M.H.
16+00						2.71		M.H.
16+02				4.67		2.71	1.96	Inlet M.H.
16+25				4.62		2.75	1.874	

76L298 S & E #307 9-54

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F. B. 2679 Pg. 222 Job No. 0739.01 Division No. 11 Notes Rec. Plotted
Survey of Marina Del Rey Date Date No.
Survey by Engineering Notes Ed. Notes Chkd. Checked X-Sec.
Indexed H.E. Ott Date Date Date No.
Profile

STATION	B. S.	H. I.	F. S.	ELEV.	%	Grade Elev.	Cut	
						Datum M.L.L.W.		
16+50				4.68		2.79	1.89 L	
16+75				4.62		2.83	1.79 L	
17+00				4.80		2.87	1.93 L	
17+25				4.84		2.91	1.93 L	
17+50				4.96		2.95	2.01 L	
17+75				4.91	0.16	2.99	1.92 L	
18+00				5.01		3.03	1.98 L	
18+25				5.00		3.07	1.93 L	
18+50				5.03		3.11	1.92 L	
18+75				5.03		3.15	1.88 L	
19+00				5.00		3.19	1.81 L	
19+25				4.68		3.23	1.45 L	
19+35.05	Outlet			4.82		3.25	1.57 L	
19+37.05	M.H.							T.B.M. S-70, El.= 10.06
0+05.41	M.H.							
0+07.41	Inlet			4.79		3.33	1.46	
0+25				4.82		3.37	1.45	
0+50				4.80	0.24	3.43	1.37	
0+75				5.12		3.49	1.63	
1+00				5.07		3.55	1.52	

Lenker Rod Used

4'-0" Off Left of ℄ Sewer

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Profile Notes Red. Plotted. Job No. 2233.06 Division No. 11 F. B. 267 Pg. 23
No. Date. Date. Survey of Marina Del Rey
X-Sec. Notes Ckd. Checked. Survey by: Wheeler Notes Wheeler Date 2-2-61
No. Date. Date. Map No. Indexed H. E. OTT Date

DATUM M.L.L.W.

STATION	B. S.	H. I.	F. S.	ELEV.	%	Grade Elev.	Cut	
1+25				5 32		3.61	1.43	
1+50				5 14		3.67	1.47	
1+75				5 38		3.73	1.50	
2+00				5 44	.024	3.79	1.65	
2+25				5 45		3.85	1.60	
2+50				5 50		3.91	1.59	
2+75				5 45		3.97	1.48	
3+00				5 51		4.03	1.48	
3+25				5 61		4.09	1.52	
3+50				5 62		4.15	1.47	
3+75				5 62		4.21	1.41	
3+98				5 75		4.27	1.48	Outlet
4+00								M.H.
4+02				5 86		4.27	1.59	Inlet
4+25				6 04		4.33	1.71	
4+50				6 42		4.39	2.03	
4+75				6 56		4.45	2.11	
5+00				6 52		4.51	2.01	
5+25				6 58	.024	4.57	2.01	
5+50				673		4.63	2.10	

LATERAL ROAD "A"

4.0% Grade to Sta. 3+98

Sewer

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

DATUM M.L.L.W.

STATION	B. S.	H. I.	F. S.	ELEV.	%	Grade Elev.	Cut		
5+75				6 79		4.69	2.10		
6+00				6 81		4.75	2.06		
6+25				6 97		4.81	2.16		
6+50				7 10		4.87	2.23		
6+75				7 26		4.93	2.33		
6+98.00				7 30		4.99	2.31		Outlet
7+00.00									M.H.
7+02.00				7 33		4.99	2.34		Inlet
7+25				7 33		5.05	2.28		
7+50				7 29		5.11	2.18		
7+75				7 20	0.24	5.17	2.03	1X2 & T's 4° L of ℄ Sewer	
8+00				7 21		5.23	1.98		
8+25				7 26		5.29	1.97		
8+50				7 39		5.35	2.04		
8+75 TP				7 54		5.41	2.13		
9+00				7 76		5.47	2.29		
9+25				7 63		5.53	2.10		
9+50				7 67		5.59	2.08		
9+75				7 60		5.65	1.95		
10+00				7 46		5.71	1.75		

F. B. 2679 Pg. 224 Job No. 0739.01 Division No. 11 Notes Red. Plotted Profile
Survey of Marina Del Rey Date Date No.
Survey by E. English Notes Ed Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

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.

Do not extend notes this side of this line.

DATUM = M.L.L.W.

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev.	Cut		
10+25				7 39		5.77	1.62		
10+50				7 28		583	1.45		
10+75				7 22		589	1.33		
10+98.00				7 31		5.95	1.36	1x2 ℄ T's 4°L of ℄ Sewer	Outlet
EQ: 11+00.00B. 10+96.19A.						—			M.H
10+98.19				7 35		5.95	1.40		Inlet
11+ 25				7 48		6.02	1.46		
11+ 50				7 51	0.24	6.08	1.43		
11+75				7 60		6.14	1.46		
12+00				7 52		6.20	1.32		
12+25				7 53		6.26	1.27		
12+54.19	5 41	13. 13		7 72		6.33	1.39		Outlet
12+56.19						—			M.H
12+58.19			5.46	7.67		6.33	1.34		Inlet
12+75			5.35	7.78		6.38	1.40		
13+00			5.11	8 02		644	1.58		
13+25			4.70	8 43		650	1.93		
13+33.26			4.62	8 51		6.52	1.99		Outlet
13+ 35.26						—			M.H
13+ 37.26			4.59	8 54		6.52	2.02		Inlet

CHECK IN
12.00 T.B.M. S-72
EL=11.98 F.B. 2679-155

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of Marina Del Rey
Notes Chkd. ____ Checked ____ Survey by E English Notes Ed Date 8-17-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2679 Pg. 225

76L-298 CE 307 11-58

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

DATUM = M.L.L.W.

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev	Cut		
		13.13							
13+50			4 56	8.57		6.55	2.02		
13+75			4 59	8.54		6.61	1.93		
14+00			4 55	8.58		6.67	1.91		
14+25			4 48	8.65		6.73	1.92		
14+50			4 65	8.48		6.79	1.69		
14+75			4 59	8.54		6.85	1.69		
15+00			4 59	8.54	0.24	6.91	1.63		
15+25			4.45	8.68		6.97	1.71		
15+50			4 49	8.64		7.03	1.61		
15+75			4 46	8.67		7.09	1.58		
15+93.28	8.71	17 33	4 51	8.62		7.14	1.48	1x2 & T's 4° L of ℄ Sewer	Outlet
15+95.28									M.H.
15+97.28			7 69	9 64		7.14	2.50		Inlet
16+25			2 70	14.63		7.21	7.42		
16+50			3 83	13 50		7.28	6.22		
16+57.06			4 12	13.21		7.30	5.91		Outlet
16+59.06									M.H
16+61.06			4 23	13.10		7.50	5.60		Inlet
16+75			4 64	12.69	0.40	7.56	5.13		
17+00			4 54	12 79		7.66	5.13		

ES

F.B. 2679 Pg. 226 Job No. 0739.01 Division No. 11 Notes Red Plotted Profile
Survey of Marina Del Rey Date Date No.
Survey by E. English Notes Ed Notes Chkd. Checked X-Sec.
Indexed H.E. OTT Date Date No.

76L-298 CE 307 11-58

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DATUM = M.L.L.W.

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev.	Cut		
		17.33							
17+25			4.62	12.71		7.76	4.95		
17+50			4.74	12.59		7.86	4.73		
17+75			4.97	12.36		7.96	4.40	1x2 ℄ T's 4.0 L of ℄ Sewer	
18+00			5.01	12.32		8.06	4.26		
18+25			4.64	12.69		8.16	4.53		
18+50			4.77	12.56		8.26	4.30		
18+75			4.79	12.54		8.36	4.18		
19+00	4.50	16.98	4.85	12.48		8.46	4.02		
19+25			4.50	12.48	0.40	8.56	3.92		
19+50			4.67	12.31		8.66	3.65		
19+75			4.95	12.03		8.76	3.27		
19+93.06			5.04	11.94		8.83	3.11		Outlet
19+95.06									M.H.
19+97.06	5.29	17.37	4.90	12.08		8.93	3.15		Inlet
20+25			5.36	12.01		9.04	2.97		
20+50			5.09	12.28		9.14	3.14		
20+75			4.70	12.67		9.24	3.43		
21+00			4.47	12.90		9.34	3.56		
21+25			4.81	12.56		9.44	3.12		
21+50			4.59	12.78		9.54	3.24		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. 11 F.B. 2679 Pg. 227
X-Sec. No. ____ Date ____ Date ____ Survey of Marina Del Rey
Notes Chkd. ____ Checked ____ Survey by E. English Notes Ed. Date 8-17-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 CE 307 11-58

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DATUM = M.L.L.W.

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev	Cut		
		17.37							
21+75			4.75	12.62		9.64	2.98		
22+00	7.13	19.90	4.60	12.77		9.74	3.03		
22+25			6.92	12.98		9.84	3.14		
22+50			6.24	13.66	0.40	9.94	3.72		
22+75			5.46	14.44		10.04	4.40		
23+00			4.02	15.88		10.14	5.74		
23+25			2.84	17.06		10.24	6.82		
23+39.15	4.03	21.88	2.05	17.85		10.30	7.55	1x2 & T's 4" L of ℄ Sewer	Outlet
23+41.15									J.C.
T.P.	4.76	23.50	3.14	18.74					
	4.14	22.74	4.90	18.60					
M.D.R. BM.-64			6.08	16.66					

M.D.R. BM.-64 EL. 16.67 FB2649-26 In dirt rd. N. side Ballona Creek 3,750 ± E'ly of Pacific Ave. A Std L.A. Co. Eng. Survey control mon. stamped "Venice G4" Set in conc. Dn 12" in iron covered well.

F.B. 2679 Pg. 228 Job No. 0739.01 Division No. 11 Notes Red Plotted Profile
Survey of Marina Del Rey Date No. X-Sec.
Survey by E. English Notes Ed. Notes Chkd. Checked
Indexed H. E. Oil Date Date No.

F.B. 2679 PG. 229

Profile No. _____ Notes Red _____ Plotted _____ Job No. _____ Division No. _____
Date _____ Date _____ Survey of _____

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by _____ Notes _____ Date _____
Date _____ Date _____ Map No. _____ Indexed _____ Date _____

Blank

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

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761-298 CE 307 11-58

F. B. 2679 PG. 230 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	
		Blank			

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76L-208 CE 307 11-58

F.B. 2679 PG. 231

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

Date _____ Date _____ Survey of _____

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by _____ Notes _____ Date _____

Date _____ Date _____ Map No. _____ Indexed _____ Date _____

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

76L-298 CE 307 11-58

F.B. 2679 Pg. 232

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	
		Blank			

76L-298 CE 307 11-58

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Notes Ck'd by	Survey of Marina Del Rey	F. B. 2679 PG. 233
Map No.	JN 0739.01 Tape 0220 Std 68 °F	
Office Work	Surveyed by English	
Checked	Notes Ed Date 8-1-61	
Date	Indexed H. E. Ott	

MARINA DEL REY

C.P. # 8910.76

SEWER LOCATION

Sta. 1+10.00 To: Sta. 3+32.56 Sewer Plans B. 52-B
" 0+65.18 " 16+05.00 " " B. 52-A F. 53

August 1, 1961
English
Shoemaker
Foulger
Dupuis
Tollison

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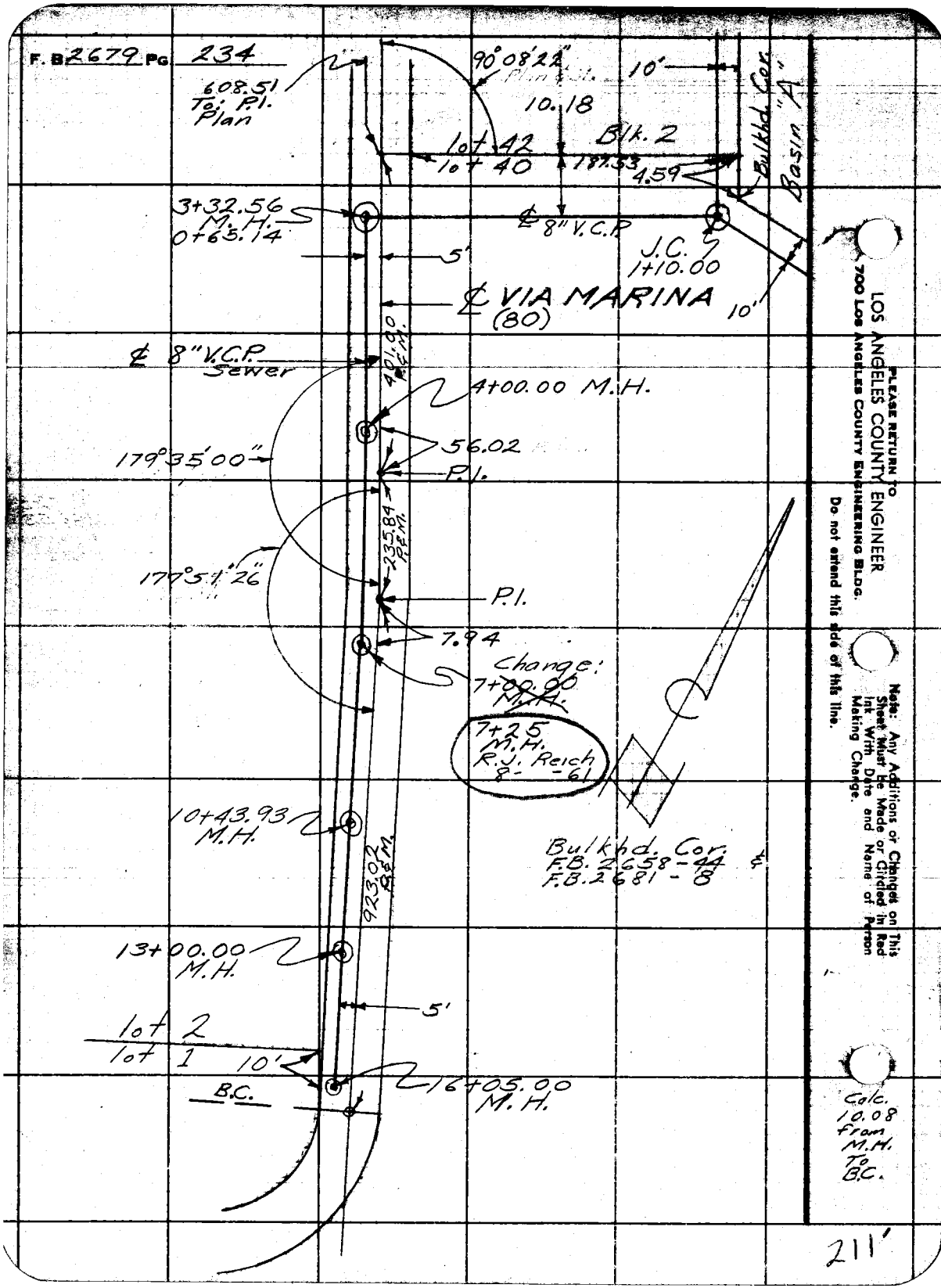
700 Los Angeles County Engineering Bldg.

78F3095 S&E #247 11-58


F. B. 2679 Pg. 234
608.51
Tgt. P.I.
Plan
90°08'22"
Plan
10'
10.18
Lot 42
Blk. 2
Lot 40
187.33
4.59
Bulkhd. Cor.
Basin "A"
3+32.56
M.H.
0+65.14
℄ 8" V.C.P.
J.C.
1+10.00
5'
℄ VIA MARINA
(80)
10'
℄ 8" V.C.P.
Sewer
401.00
R.&R.M.
4+00.00 M.H.
56.02
179°35'00"
P.I.
235.84
R.&R.M.
177°51'26"
P.I.
7.94
Change:
7+00.00
Plan
7+25
M.H.
R.J. Reich
8-61
10+43.93
M.H.
923.02
R.&R.M.
Bulkhd. Cor.
F.B. 2658-44 &
F.B. 2681-8
13+00.00
M.H.
5'
Lot 2
Lot 1
10'
B.C.
16+05.00
M.H.
Calc.
10.08
From
M.H.
To
B.C.
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
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211'

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 07390.01 Division No. 11

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Marina Del Rey

Survey by English Notes Ed. Date 8-1-61

Map No. ____ Indexed E. OTT Date ____

F. B. 2679 Pg. 235

MARINA DEL REY

C.P. # 8910.76

SEWER CONSTRUCTION STAKES

Sta. 1+10.00 To: Sta. 3+32.56 Sewer Plans Pg. 52-B

0+65.14 & 16+05.00 Pgs 52-A & 53

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

Aug. 1, 1961
English
Shoemaker
Foulger
Dupuis
Tollison

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761-296 CE 307 11-58

76L-296 CE 307 11-58

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700 Los Angeles County Engineering Bldg.

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Top pipe el: +1.31

Do not extend notes this side of this line.

Profile No. 2 Sec. No.
Plotted Date
Checked Date
Notes Red Date
Notes Blue Date
Notes Black Date
Drawing No. 11
Tab No. 2277.0
Book No. 236
Drawn Notes
Traced Notes
Checked Notes
Approved H.F. OTT

STATION	B.S.	H.I.	F.S.	ELEV.		Datum M.L.L.W. Grade Elev.	Cut		
Fd. B.M. S-37	11 27	21 29		10 02	%				S-37, el = 10.025, Pg. 94
1+10.00	J.C.								S.W. Cor. Basin "A"
1+12.00	Inlet					0.40			
1+25			11 38	9 91		0.45	9.46		
1+50						0.55			
1+75			5 26	16 03		0.65	15.38		
2+00			1 36	1993	0.40	0.75	19.18		
2+25						0.85			
2+50			3 04	18 25	0.40	0.95	17.30		
2+75						1.05			
3+00			2 67	1862		1.15	17.47		
3+25						1.25			
3+30.56	Outlet		2 86	1843	⊥	1.27	17.16		
3+32.56	M.H.								
0+65.14					⊤				
0+67.14	Inlet		2 73	18 .56		1.39	17.17		
0+75				——		1.42			
1+00	4.09	22.81	2.57	18 .72	0.40	1.52	17.20		
1+25				——		1.62			
1+50			3.82	1899	0.40	1.72	1727		
1+75				——		1.82			

1 INLET T.S. 20' R. of Sewer ℄

BF

76L-298 CE 307 11-58

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Datum M.L.L.W.

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev.	Cut
		22.81					
2+00			3.74	19.07		1.92	17.15
2+25				—		2.02 ✓	
2+50	4.61	23.63	3.79	19.02		2.12 ✓	16.90
2+75				—		2.22 ✓	
3+00			4.28	19.35	0.40	2.32 ✓	17.03
3+25				—		2.42 ✓	
3+50			4.17	19.46		2.52 ✓	16.94
3+75				—		2.62 ✓	
3+98	Outlet		4.76	18.87		2.71 ✓	16.16
4+00.00	M.H.			—			
4+02.00	Inlet		4.86	18.77		2.81 ✓	15.96
4+25				—		2.86 ✓	
4+50			4.92	18.71		2.92 ✓	15.79
4+75				—		2.98 ✓	
5+00			5.56	18.07	0.24	3.04 ✓	15.03
5+25				—		3.10 ✓	
5+50	4.43	22.96	5.10	18.53		3.16 ✓	15.37
5+75				—		3.22 ✓	
6+00			3.66	19.30		3.28 ✓	16.02
6+25				—		3.34 ✓	

Set 1X2 & T.S 20' R. of Sewer ℄

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. 11 P.B. 2679 No. 237
X-Sec. No. ____ Date ____ Date ____ Survey of Marina Del Rey
Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 8-2-61
No. ____ Date ____ Date ____ Map No. ____ Index H.E. OUT Date ____

76L-298 CE 307 11-58

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Datum M.L.L.W.

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev.	Cut
		22.96					
6+50	4.91	21.37	6.50	16.46	0.24	3.40	13.06
6+75						3.46	
7+00						3.52	
7+23.00	Outlet					3.58	
7+25.00	M.H.						
7+27.00	Inlet					3.69	
7+50			4.95	16.42	0.56	3.82	12.60
7+75						3.96	
8+00			4.86	16.51		4.10	12.41
8+25						4.24	
8+50			4.62	16.75		4.38	12.37
8+75						4.52	
9+00			4.58	16.79		4.66	12.13
9+25						4.80	
9+50			4.74	16.63		4.94	11.69
9+75						5.08	
10+00	4.15	20.53	4.99	16.38		5.22	11.16
10+25						5.36	
10+41.93	Outlet		4.23	16.30		5.45	10.85
10+43.93	M.H.						

Set 1x2 & T.s 20' R. of Sewer ℄

END

Profile No. ___ Plotted ___ Date ___ Notes Red ___ Date ___ Notes Chkd. ___ Date ___ Division No. 11 Job No. 2679 Survey No. 2381 Survey by Marion Notes Date Del Rey Indexed H.E. OTT Date X-Sec. No. ___

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Datum M.L.L.W.

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev.	Cut
		20 53					
10+45.93	Inlet		4 31	16.22		5.55 ✓	10.67
10+50						5.57 ✓	
10+75						5.67 ✓	
11+00			4 37	16.16		5.77 ✓	10.39
11+25						5.87 ✓	
11+50			4 41	16 12		5.97 ✓	10.15
11+75						6.07 ✓	
12+00			4 29	16 24		6.17 ✓	10.07
12+25					0.40	6.27 ✓	
12+50			4 94	15 59		6.37 ✓	9.22
12+75						6.47 ✓	
12+98	Outlet		4 01	16 52		6.56 ✓	9.96
13+00	M.H.						
13+02	Inlet		4 05	16 48		6.66 ✓	9.82
13+25						6.75 ✓	
13+50			4 07	16 46		6.85 ✓	9.61
13+75	4 56	20.62	4 47	16 06		6.95 ✓	9.11
14+00						7.05 ✓	
14+25			4 33	16 29		7.15 ✓	9.14
14+50			4 73	15 89		7.25 ✓	8.64

Set 1X2 & T. 20' R. of Sewer ℄

END

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.01 Division No. 11 F.B. 2679 Pg. 239
X-Sec. No. ____ Date ____ Date ____ Survey of Marina Del Rey
Notes Chkd. ____ Checked ____ Survey by English Notes Ed Date 8-2-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

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Datum M.L.L.W.

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev.	Cut		
		20 62							
14+75						7.35			
15+00			4 97	15 65		7.45	8.20		
15+25						7.55			
15+50			4 15	16 47		7.65	8.82	Set 1X2 & T.s 20' R. of Sewer ℄	
15+75						7.75			
16+00						7.85			
16+03.00	Outlet	<	3 10	17.52		7.86	9.66		
16+05.00	M.H.								
	4.76	22.28							
16+05.00	5 88	25 50	2 66	19.62					100° R R.P. 1X2 & N
TP	3 95	23.00	6.45	19.05					
	3 65	20 03	6 62	16 38					
Fd. B.M. M.D.R. #71			5 50	14 53					M.D.R. #71, el.=14.49, F.B. 2649-28 Bt. Spk. N.W. fn. cor. at New tide Gate.

END

F.B. 2679 Pg. 240 Job No. 0739.01 Division No. 11 Notes Red Plotted Profile
Survey of Marina Del Rey Date Date No.
Survey by Engl. Sh. Notes Ed. Notes Chkd. Checked X-Sec.
Indexed H.L. Ott Date Date Date No.

Notes Ck'd by		Survey of Marina Del Rey	F. B. 2679 Pg. 241
Map No.		JN 07390/ Tape 0220 Std. 68 °F	
Office Work		Surveyed by English	
Checked		Notes Ed. Date 8-10-61	
Date		Indexed H. E. OTT	

MARINA DEL REY

C.P. # 8910.76

SEWER LOCATION

Sta. 0+92.53 To: Sta. 26+16.79 Sewer Plans Pg. 47, 48 & 49

August 16, 1961
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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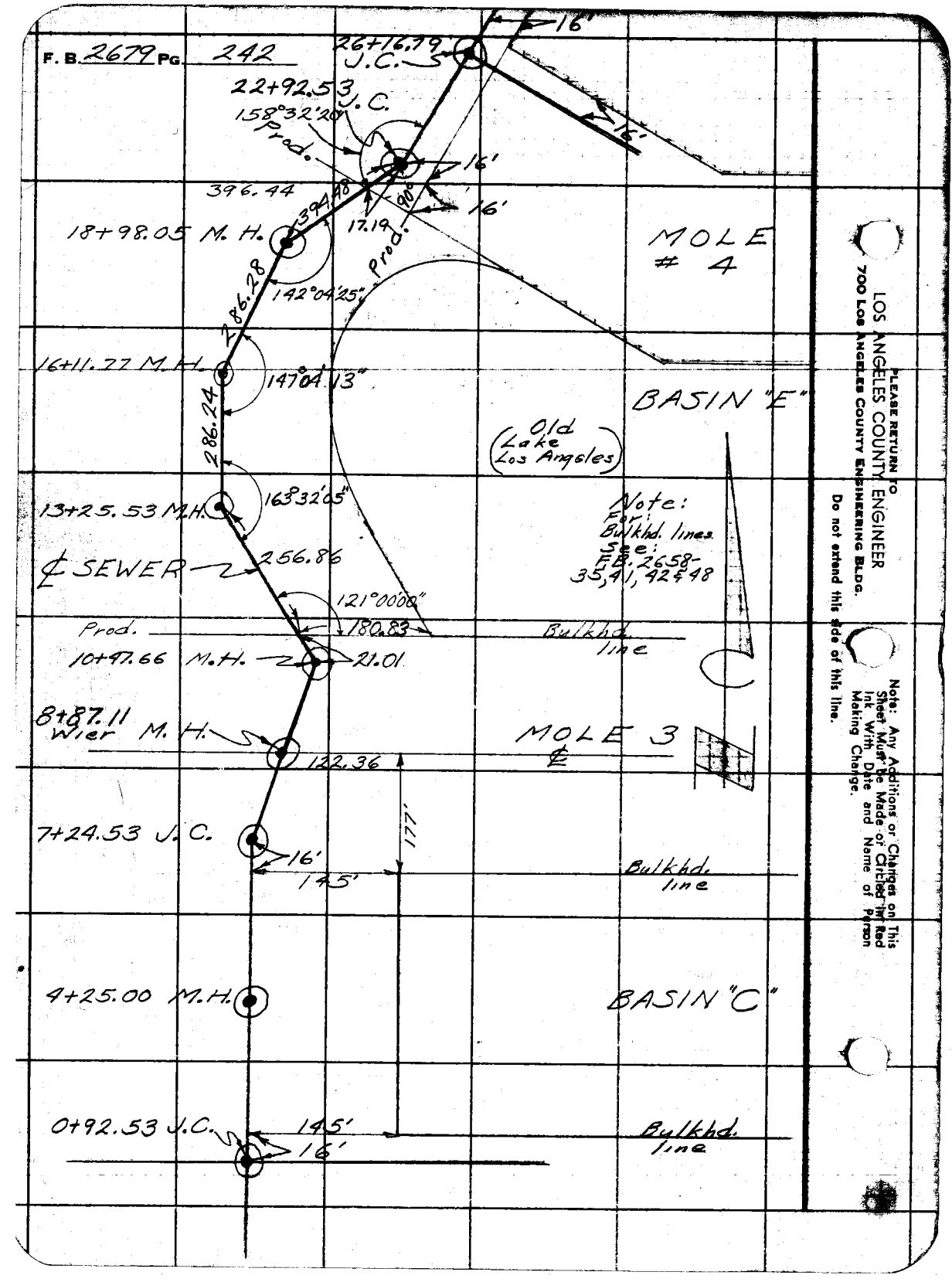
76F3095 SSE #247 11-58


F. B. 2679 PG. 242
26+16.79 J.C.
22+92.53 J.C.
158°32'20" Prod.
16'
16'
16'
396.44
394.98
17.19
90°
Prod.
18+98.05 M.H.
MOLE # 4
286.28
142°04'25"
16+11.77 M.H.
147°04'13"
286.24
BASIN "E"
Old Lake Los Angeles
163°32'05"
13+25.53 M.H.
℄ SEWER
256.86
121°00'00"
Prod.
180.83
Bulkhd. line
10+97.66 M.H.
21.01
8+87.11 Weir M.H.
MOLE 3
℄
122.36
177'
7+24.53 J.C.
16'
145'
Bulkhd. line
4+25.00 M.H.
BASIN "C"
0+92.53 J.C.
145'
16'
Bulkhd. line
Note: For Bulkhd. lines See: F.B. 2658- 35, 41, 42 & 48
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
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Profile No. | Notes Red | Plotted | Job No. 0739.01 | Division No. 11 | F.B. 2679 | Pg. 243

X-Sec. No. | Notes Chkd. | Checked | Survey of Marina Del Rey

Date | Date | Survey by E. English, Notes H. E. OTT | Date 8-16-61 | Date

MARINA DEL REY

C.P. # 8910.76

SEWER CONSTRUCTION STAKES

STA. 0+92.53 TO STA. 26+16.79

Sewer Plans Pg. 47, 48, 49.

August 16, 1961
English
Shoemaker
Foulger
Dupuis
Tollison

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

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761-296 CE 307 11-58

76L-298 CE 907 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.

Profile No. X-Sec.
Plotted Date Checked Date
Notes Rcd. Date Notes Chkd. Date
Division No. IV
Job No. 0738.01 Notes Ed. Rej
Survey of Manuel Del Rey
Survey by E.P.A./T.A. Notes H.L.U.
Indexed Date
P.B. 2679 Pg. 244

DATUM = M.L.L.W.

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev.	Cut		
T.B.M. S-19	10 77	20 75		9.98					T.B.M. S-19 EL = 9.975 Bulkhead Sta 126+55.38 Bt. Spk. Top Conc. Wall F.B. 2679 - 38
0+92.53									J.C.
0+94.53			5 20	15 55		-4.88	20.43		Inlet
1+00						-4.87			
1+25						-4.84			
1+50			5 51	15 24		-4.81	20.05		
1+75						-4.78			
2+00			5 03	15 72		-4.75	20.47		
2+25						-4.72			
2+50	5 73	21.71	4 77	15 98		-4.69	20.67		
2+75					0.12	-4.66			
3+00			5 17	16.54		-4.63	21.17		
3+25						-4.60			
3+50			5 04	16.67		-4.57	21.24		
3+75						-4.54			
4+00			5 06	16.65		-4.51	21.16		
4+23.00			5.02	16.69		-4.48	21.17		Outlet
4+25.00									M.H.
4+27.00			5.00	16.71		-4.48	21.19		Inlet

1 x 2 & T's. 20'L & Sewer

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DATUM = M.L.L.W.

STATION	B. S.	H. I.	F. S.	ELEV.	%	Grade Elev.	Cut		
		21.71							
4+50	5.91	22.41	5.21	16.50		-4.45	20.95		
4+75						-4.42			
5+00			5.85	16.56		-4.39	20.95		
5+25						-4.36			
5+50			5.39	17.02		-4.33	21.35		
5+75						-4.30			
6+00			5.24	17.17		-4.27	21.44		
6+25						-4.24			
6+50			3.98	18.43		-4.21	22.64		
6+75					0.12	-4.18			
7+00			4.63	17.78		-4.15	21.93		
7+22.53			4.98	17.43		-4.12	21.55		Outlet
7+24.53	10.43	20.40	12.44	9.97					J.C.
7+26.53			3.19	17.21		-4.12	21.33		Inlet
7+50			3.48	16.92		-4.09	21.01		
7+75						-4.06			
8+00			2.83	17.57		-4.03	21.60		TBM S-1.8
8+25						-4.00			Basin & EL
8+50			2.10	18.30		-3.97	22.27		
8+75						-3.94			

1 x 2 & T's 20' & Sewer

76L-200 SE-507 11-58

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Profile No. | X-Sec. No.
Plotted Date | Checked Date
Notes Red Date | Notes Chkd. Date
Division No. 11 | Job No. 0739.01
Survey of Marina Del Rey
Survey by Engrg. Notes Ed
Indexed H. E. 011
2679 246

STATION	B.S.	H.I.	F.S.	ELEV.	DATUM = M.L.L.W.				
		20 40			% 0.12	Grade Elev.	Cut		
8+86.11						-3.93			Outlet
8+87.11			3 64	16 76			20.6		Weir M.H
8+94.11						-3.68			Inlet
9+00			3 90	16 50		-3.67	20.17		
9+25						-3.64			
9+50			4 23	16 17		-3.61	19.78		
9+75						-3.58			
10+00			5 65	14 75		-3.55	18.30		
10+25						-3.52			
10+45.66						-3.50			Outlet
10+47.66	3 21	16 65	6 96	13 44	0.12		16.94		M.H
10+49.66						-3.50			Inlet
10+75						-3.47			
11+00			4 32	12 33		-3.44	15.77		T.B.M. S-61, el = 10.06
11+25						-3.41			S.W. Cor. Basin "D"
11+50			4 08	12 57		-3.38	15.95		
11+75						-3.35			
12+00			4 17	12 48		-3.32	15.80		
12+25						-3.29			
12+50			3 78	12 87		-3.26	16.13		

1 x 2 & T's 20'L. & Sewer

Correct

3.54 14
3.54 13
3.52 12
3.50 11
3.48 10
3.46 9
3.44 8
3.43 7
3.43 7
3.41 6
3.35 3
3.33 2
3.31 1

76L-296 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	DATUM = M.L.L.W. %	Grade Elev.	Cut		
		16 65							
12+75						-3.23 ✓			
T.P. 13+00	4 18	17 81	3 02	13 63		-3.20 ✓	16.83		
13+23.53						-3.17			Outlet
13+25.53						—			M.H
13+27.53			2 72	15 09		-3.17 ✓	18.26	1x2 ℄ T's 20L ℄ Sewer	Inlet
13+50			3 28	14 53		-3.14 ✓	17.67		
13+[illegible]75			4 27	13 54		-3.11 ✓	16.65		
14+[illegible]00						-3.08 ✓			
14+25			4 14	13 67	0.12	-3.05 ✓	16.72		
14+50						-3.02 ✓			
14+75			4 03	13 78		-2.99 ✓	16.80		
15+00						-2.96 ✓			
15+25			5 35	12 46		-2.93 ✓	15.39		
15+50			—			-2.90 ✓			
T.P. 15+75	4 03	16 48	5 36	12 45		-2.87 ✓	15.32		
16+00			—			-2.84 ✓			
16+09.77			2 69	13 79		-2.83 ✓	16.62		Outlet
16+11.77			—			—			M.H
16+[illegible]13.77			2 74	13 74		-2.83 ✓	16.57		Inlet
16+[illegible]25						-2.82 ✓			

Profile No. ___ Notes Red. ___ Plotted ___ Job No. 0739.01 Division No. 11 F.B. 2679 Pg. 247
Date ___ Date ___ Survey of Marina Del Rey
X-Sec. No. ___ Notes Chkd. ___ Checked ___ Survey by E. English Notes Ed. Date 8-16-61
Date ___ Date ___ Map No. ___ Indexed H. E. OTT Date ___

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

DATUM = MLLW

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev.	Cut		
		16 48							
16+50			4 69	11 79		-2.79 ✓	14.58		
16+75						-2.76 ✓			
17+00			5 15	11 33		-2.73 ✓	14.06		
17+25						-2.70 ✓			
17+50			5 93	10 55		-2.67 ✓	13.22		
17+75						-2.64 ✓			
18+00 T.P.	6 51	17 05	5 94	10 54		-2.61 ✓	13.15		
18+25						-2.58 ✓			
18+50			5 28	11 77	0.12	-2.55 ✓	14.32		
18+75						-2.52 ✓			
18+96.05	2 79	18 .83	1.01	16 04		-2.49 ✓	18.53		Outlet
18+98.05									M.H.
19+00.05			1.77	17.06		-2.49 ✓	19.55		Inlet
19+25						-2.46 ✓			
19+50			4.45	14.38		-2.43 ✓	16.81	1x2 & T's 20'L & Sewer	
19+75						-2.40 ✓			
20+00			1.92	16 91		-2.37 ✓	19.28		
20+25						-2.34 ✓			
20+50			2.90	15 93		-2.31 ✓	18.24		
20+75						-2.28 ✓			

F.B. 2679 Pg. 248 Job No. 0739.01 Division No. 11 Notes Red Plotted Profile
Survey of Marina Del Rey Date No. X-Sec.
Survey by E. English Notes Ed Notes Chkd. Checked
Indexed H. E. Ott Date Date No.

76L-298 CE 307 11-58

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DATUM M.L.L.W

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev.	Cut		
		18.83							
21+00			2.66	16.17		-2.25	18.42		
21+25						-2.22			
21+50	2.57	18.34	3.06	15.77		-2.19	17.96		
21+75					0.12	-2.16		1x2 & T's 20' L & Sewer	
22+00			2.41	15.93		-2.13	18.06		
22+25						-2.10			
22+[illegible]50	6.40	21.67	3.07	15.27		-2.07	17.34		
22+[illegible]75						-2.04			
22+90.53			6.49	15.18		-2.02	17.20		Outlet
22+92.53						—			J.C.
22+94.53			6.53	15.14		-2.00	17.14		Inlet
23+00						-1.98			
23+25						-1.90			
23+50			5.15	16.52		-1.82	18.34		
23+75					0.32	-1.74			
24+00			4.22	17.45		-1.66	19.11		
24+25						-1.58			
24+50			4.26	17.41		-1.50	18.91		-1.40
24+[illegible]75						-1.42			-1.33
25+00	3.15	17.76	7.06	14.61		-1.34	15.95		-1.26

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0739.01 Division No. 11 F.B. 2679 Pg. 249
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Marina Del Rey Survey by E. English Notes Ed. Date 8-16-61
Map No. ____ Date ____ Indexed ____ Date ____ H. E. OTT

76L-298 CE 307 11-58

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DATUM = M.L.L.W.

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade Elev.	Cut		
		17.76							
25+25						-1.26			-1.20
25+50			417	1359	0.32	-1.18	14.77	1X2 & TS 20'L & Sewer	-1.14
25+75						-1.10			-1.08
26+00						-1.02			-1.02
26+14.79			689	1087		-0.98	11.85		Outlet
26+16.79									J.C.

T.B.M. S-53

T.B.M. S-53 EL 10.095 FB 2679-140
Blk Sta. 224+24± Bt. Spk in top conc wall.

F.B. 2679 Pg. 250 Job No. 0739.01 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Marina Del Rey Date ____ Date ____ No. ____
Survey by E. English Notes Ed. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed H. F. OTT Date ____ Date ____ No. ____

F.B. 2679 PG. 251

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
Date ____ Date ____ Survey of MARINA DEL REY
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by RICHARDS Notes W.A.R. Date 6-19-68
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

J.N.

MARINA DEL REY

INVERT ELEVATIONS OF EXISTING S.S. M.H.'S AS SHOWN ON PG. 51 OF THE PLANS, @ STA.'S 7+75.15; 11+61.15; & 15+56.96

NOTE: THE S.W. COR. OF BASIN "B" USED AS A DATUM BASIS; TOP OF BULKHEAD WALL = +10.00

RICHARDS
LANDA
BANKSON
SOPER

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M.				10.00	B.M. EL. = +10.00 BASIN "B", S.W. COR., TOP OF BULKHEAD	
7+75.15	S.S.M.H.			12.60	RIM ELEV. SOUTH	
INV., 10"	INLET	SOUTH	⊖	2.11	13.88 MEAS. 12.60 RIM. 0.83 DIA. 14.71 14.71 ⊖ 2.11 INV.	
					NORTH	
INV., 10"	OUTLET	NORTH.	⊖	2.18	13.95 MEAS. 12.60 RIM. 0.83 DIA. 14.78 14.78 ⊖ 2.18 INV.	
11+61.15	S.S.J.C.			11.68	RIM ELEV. EAST	
INV., 8"	INLET	EAST.	⊖	1.42	12.43 MEAS. 11.68 RIM. 10.67 DIA. 13.10 13.10 ⊖ 1.42 INV.	

F. B. 2679 PG. 252 2

Job No. Division No. 11 Notes Red Plotted Profile
Survey of MARINA DEL REY Date Date No.
Survey by RICHARDS Notes W.A.R. & E.L. Notes Chk'd. Checked X-Sec.
Indexed Date Date Date No.

76293 S & E #307—7-58

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Do not extend notes this side of this line.

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

Profile Notes Red. Plotted Job No. Division No. F. B.

No. Date Date Survey of Pg.

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

No. Date Date Map No. Indexed Date

F. B. Pg.

Job No. Division No. Notes Red. Plotted Profile

Date Date No.

Survey of Notes Chkd. Checked X-Sec.

Survey by Date Date No.

Indexed

Pipe
8+68
cl=4.27

4.52
4.45

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

7[illegible] B & E #307—7-55

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76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
11+61.15	S.S.J.C. CONT				SOUTH
					12.46 MEAS. 11.68 RIM
INV., 10"	INLET SOUTH		(-)	1.61	0.83 DIA. 13.29
					13.29 (-) 1.61 INV.
					NORTH
INV., 10"	OUTLET NORTH		(-)	1.61	12.46 MEAS 11.68 RIM
					0.83 DIA. 13.29
					13.29 (-) 1.61 INV.
15+56.96	S.S.J.C.			9.70	RIM ELEV.
					EAST
INV., 8"	INLET EAST			0.08	8.95 MEAS. 9.70 RIM
					0.67 DIA. 9.62
					9.62 0.08 INV.
					SOUTH
INV., 10"	INLET SOUTH		(-)	0.93	9.80 MEAS 9.70 RIM
					0.83 DIA. 10.63
					10.63 (-) 0.93 INV.

Profile No. _____ Notes Red _____ Plotted _____ Job No. _____ Division No. 11
X-Sec. No. _____ Date _____ Date _____ Survey of MARINA DEL REY
Notes Chk'd. _____ Checked _____ Survey by RICHARD J. Noted M.A.R. Date 6-12-68
No. _____ Date _____ Date _____ Map No. _____ Indexed _____ Date _____

F. B. 2679 PG. 253

F.B. 2679 Pg. 4 254 Job No. Division No. Notes Red Plotted

Survey of MARINA DEL REY Date Date

Survey by RICHARDS Notes W. A. P. & E. L. Notes Chk'd. Checked X-Sec.

Indexed Date Date Date

15+56.96 S.S.J.C. CONT

INV., 10" OUTLET NORTH. (-) 1.03

NORTH

9.90 MEAS. 9.70 RIM

0.83 DIA. 10.73

10.73 (-) 1.03 INV.