1959

INDEX N.B. 1959

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P.W.D. file O.K. 2-88.

Microfilmed Sept 86

Notes Ck'd by	Survey of Manhattan Beach Blvd S.D.
Map No.	W. O. 6221.00 Tape No. 19' St'd. 68 °F
Office Work	Surveyed by Blanchard
Checked	Notes Blanchard Date 9-17-54
Date	Indexed R. C. Johnson 10-27-54

F.B. 1959 Pg. 5

MANHATTAN BEACH BOULEVARD STORM DRAIN

PROFILE & CROSS SECTIONS

JN 6221.00

From Dominguez channel west on Manhattan Beach Blvd to Santa Fe RR R/W. then north & west on north Santa Fe R/W to Isis Ave then north on Isis Ave to Rosecrans Ave

Blanchard
Harriet
Goodwin
Oben

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

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ENGINEERING BLDG.

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F.B. 1959 PG. 6

FOLDER 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. #KV-45	0 20	44 253		44 053	B.M. #KV-45 Elev. 44.053 per F.B. 19[illegible]	
T.P. #1	3 14	38 47	8 92	35 33		
1+00 S.D. & = 0+00 N&S			6 8	31 7		℄ Int. of Dominguez channel & S.D. &
			5 6	32 9		21° rt. bot. slope
			5 6	32 9	23° lt. bot. slope	
0+50 N			6 5	32 0		℄ Dominguez channel
			5 1	33 4		22° rt. bot. slope
			5 2	33 3	21° lt. bot. slope	
1+00 N			6 1	32 4		℄
			5 1	33 4		22° rt. bot. slope
			4 8	33 7	20° lt. bot. slope	
1+50 N			5 5	33 0		℄
			5 1	33 4		19° rt. bot. slope
			4 5	34 0	19° lt. bot. slope	
0+50 S			5 9	32 6		℄
			5 4	33 1		22° rt. bot. slope
			5 2	33 3	21° lt. bot. slope	
1+00 S			6 7	31 8		℄
			5 3	33 2		20° rt. bot. slope
			5 2	33 3	22° lt. bot. slope	
1+50 S			5 3	33 2		℄

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+50 S		38 47	5 0	33 5		22^{5} rt. bot. slope
			5 3	33 2	23^{5} lt. bot. slope	
1+44			5 0	33 5		℄ S.D. bot. slope
T.P. #2	10 40	48 74	0 13	38 34		
T.P. #3	4 76	52 57	0 93	47 81		
1+00 S.D. ℄ = 0+00 N & S			6 7	45 9		45° rt. top slope
			7 3	45 3		62^{5} rt. Dominguez channel R/W line
			5 1	47 5	47° lt. top slope	
			6 1	46 5	62^{5} lt. Dominguez channel R/W line	
0+50 N			7 5	45 1		44° rt. top slope
			7 8	44 8		62^{5} rt. R/W
			5 0	47 6	46° lt. top slope	
			6 2	46 4	62^{5} lt. R/W	
1+00 N			7 8	44 8		44° rt. top slope
			7 7	44 9		62^{5} rt. R/W
			4 7	47 9	47° lt. top slope	
			5 6	47 0	62^{5} lt. R/W	
1+50 N			7 8	44 8		44° rt. top slope
			7 9	44 7		62^{5} rt. R/W
			4 3	48 2	46^{5} lt. top slope	
			5 6	47 0	62^{5} lt. R/W	

Profile
Plotted No.
Date
Checked X-Sec.
Date
Notes Red.
Date
Notes Chkd.
Date
Division No.
Job No. 6221.00
Survey of Manhattan Beach Blvd. S.D.
Survey by H. BLANCHARD
Noted
Indexed C. Johnson
Date
No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+50 S		52 57	5 3	47 3		46° rt. top slope
			6 5	46 1		62' rt. R/W
			7 0	45 6	44° lt. top slope	
			7 2	45 4	62' lt. R/W	
1+00 S			5 6	47 0		46° rt. top slope
			6 7	45 9		62' rt. R/W
			7 1	45 5	44° lt. top slope	
			8 2	46 4	62' lt. R/W	
1+50 S			6 0	46 6		46° rt. top slope
			6 9	45 7		62' rt. R/W
			7 4	45 2	45° lt. top slope	
			8 0	44 6	62' lt. R/W	
2+00 S.D.			4 9	47 7		℄ S.D. top slope
2+25 02			5 9	46 7		℄ int. S.D. & R/W line of Dominguez channel
2+50			6 8	45 8		℄
			4 4	48 2		22' rt. top of bank
			4 3	48 3		32° rt. top of slope
			6 5	46 1	15° lt.	
			6 5	46 1	25° lt.	
B.M. # KV-44			8 33	44 24	B.M. #KV-44 Elev. 44.216 per F.B. 1922-29	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8281 Subdivision No. 10 R.S. 1957
X-Sec. No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by F. H. BLANCHARD J.M.U. Date 10-13-54
Map No. ____ Indexed ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. #KV-44	6 85	51 07		44 216	B.M. #KV-44 Elev. 44.216	Per F.B. 1922-29
2+86 59			4 9	46 2		℄ B.C.
3+17 95			4 4	46 7		℄ E.C.
3+85			4 5	46 6		℄
4+26 5			5 2	45 9		℄ top of bank
4+45			7 5	43 6		℄ bot of bank
4+91 06 = 0+00 E&W			6 79	44 28		℄ Int. of S.D. & Manhattan Beach Blvd.
0+00 E			6 90	44 17		8° rt. pave
			7 27	43 80		16° rt. edge pave
			7 5	43 6		22.8 rt. drain line, bot. bank
			5 2	45 9		30.5 rt. top of bank
			4 6	46 5		50° rt. prop. line
			6 89	44 18	8.5 lt. pavement	
			7 18	43 89	17° lt. edge pave. & drain line	
			5 7	45 4	27.5 lt. top of bank	
			5 6	45 5	50° lt. prop. line	
0+50 E			6 94	44 13		℄
			7 01	44 06		8° rt. pavement
			7 35	43 72		16° rt. edge pave.
			7 6	43 5		23.5 rt. drain line, bot bank
			5 1	46 0		33° top of bank

F.B. 1959 PG. 10 Job No. 6221.00 Division No. 10 Notes Red. Plotted No. Profile
Survey of Manhattan Beach Blvd. S.D. Date Date No. X-Sec.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		51 07	4 7	46 4		50° rt. prop-line
			7 07	44 00	8.5 lt. pavement	
			7 30	43 77	17° lt. edge of pavement & drain line	
			5 8	45 3	27.5 lt. top of bank	
			5 6	45 5	50° lt. prop. line	
1+00 E			7 00	44 1		℄
			7 05	44 02		8° rt. pavement
			7 41	43 66		16° rt. edge of pavement
			7 7	43 4		23.5 rt. drain line & bot. slope
			4 5	46 6		50° rt. prop. line & top slope
			7 12	43 95	8.5 lt. pavement	
			7 43	43 64	17° lt. edge of pavement & drain line	
			5 9	45 2	27.5 lt. top of bank	
			5 6	45 5	50° lt. prop. line	
1+50 E			6 86	44 21		℄
			6 90	44 17		8° rt. pavement
			7 10	43 97		16° rt. edge of pave
			7 7	43 4		24.5 rt. drain line & bot. bank
			5 8	45 3		33° rt. top of bank
			5 2	45 9		50° rt. prop. line
			6 92	44 15	8.5 lt. pavement	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F.B. 1959 Pg. 1
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANCHARD Notes J.M.U. Date 10-13-54
No. ____ Date ____ Date ____ Map No. ____ Endorsed ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		51 07	7 50	43 57	17° lt. edge of pavement & drain line	
			5 2	45 9	50° lt. prop. line	
T.P.	6 01	50 33	6 75	44 32		
0+50W			5 95	44 38		℄
			6 17	44 16		12° rt. pavement
			6 55	43 78		24° rt. drain line & edge pave
			5 0	45 3		30° rt. top of bank
			4 6	45 7		50° rt. prop. line
			6 05	44 28	8° lt. pavement	
			6 41	43 92	16° lt. edge of pavement	
			6 8	43 5	22.5 lt. drain line & bot. of bank	
			4 5	45 8	30.5 lt. top of bank	
			4 0	46 3	50 lt. prop. line	
1+00W			5 86	44 47		℄
			6 23	44 10		18.5 rt. pavement
			6 44	43 89		37° rt. gutter
			5 80	44 53		37° rt. top of curb
			5 95	44 38	8° lt. pavement	
			6 44	43 89	16° lt. edge of pavement	
			6 8	43 5	21.5 lt. drain line & bot. of bank	
			4 4	45 9	30° lt. top of bank	

F. B. 1959 PG. 12
Job No. 6331-00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. S.D. Date Date No.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Checked X-Sec.
Indexed K. O. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		50 33	3 8	46 5	50° lt. prop line	
1+50W			5 75	44 58		℄
			6 02	44 31		18.2 rt. pavement
			6 20	44 13		34.5 rt. edge of gutter
			6 53	43 80		36° rt. gutter flow line
			6 82	43 51		36° rt. top of curb
			5 81	44 52	8° lt. pavement	
			6 17	44 16	16° lt. edge of pavement	
			6 7	43 6	22° lt. drain line	
			4 4	45 9	30° lt. top of bank	
			3 6	46 7	50° lt. prop. line	
B.M.#KV-43	4 05	48 80	5 59	44 74	B.M.#KV-43 Elev. 44.746 Per F.B. 1922-29	
1+17.8 W M.H.			12 16	36 64	8" inlet West 31.8 rt.	4.50 rod; 6.89 meas.; 0.67 dia.; 12.16
			12 18	36 62	8" outlet East	4.63 rod; 6.88 meas.; 0.67 dia.; 12.18
5+33.2			5 05	43 75		℄ drain, gutter N side st.
5+55.1			3 4	45 4		℄ drain, top of bank
5+95.98 B.C.			3 5	45 3		℄
6+27.40 E.C.			6 07	42 73		℄
			6 07	42 73		9.75 rt. pavement
			6 15	42 65		16.2 rt. edge of gutter

Profile Notes Red. ____ Plotted ____ Job No. 622100 Division No. 10 F. B. 1959 Pg. 13
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANCHARD U.M.U. Date 10-14-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

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Survey of Manhattan Beach Blvd. S.D.

Survey by F. H. BLANCHARD

Indexed C. Johnson

Job No. 6211-02 Division No. 10

Plotted ____ Notes Red ____ Date ____ No. ____

Date ____ Notes Chkd. ____ Date ____ X-Sec. ____

Checked ____ Date ____ No. ____

Profile

STATION	B. S.	H. I.	F. S.	ELEV.		
		48 80	6 43	42 37		19.5 rt. gutter flow line
			5 63	43 17		19.5 rt. top of curb
			5 89	42 91	7.5 /t. edge of gutter	
			5 83	42 97	8.3 /t. gutter flow line	
			5 19	43 61	8.3 /t. top of curb	
6+88.6			5 74	43 06		10' E. of E. cb. ret. of N.E. cor. ℄ of Cranbrook & Manhattan B.B.
			5 87	42 93		9.75 rt. pavement
			6 07	42 73		16.3 rt. edge of gutter
			6 22	42 58		19.5 rt. gutter f.l.
			5 44	43 36		19.5 rt. top of curb
			5 61	43 19	7.5 /t. edge of gutter	
			5 59	43 21	8.3 /t. gutter flow line	
			5 07	43 73	8.3 /t. top of curb	
7+00			5 69	43 11		℄
7+42.85 = 0+00 N&S			5 48	43 32		℄ int. of ℄ of Cranbrook & S.D. ℄
0+16 N			5 84	42 96		℄ s. edge of conc. gutter across Cranbrook
0+19 N			6 04	42 76		℄ flow line of conc. gutter
0+22 N			5 79	43 01		℄ N. edge of conc. gutter
0+57.5 N			4 98	43 82		℄ Cranbrook 10' N of N curb ret.
			5 07	43 73		9' rt. pavement
			5 31	43 49		17' rt. edge of gutter

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STATION	B. S.	H. I.	F. S.	ELEV.		
		48 80	5 43	43 37		18° rt. gutter flow line
			4 76	44 04		18° rt. top of curb
			4 99	43 81	9° lt. pavement	
			5 18	43 62	17° lt. edge of gutter	
			5 29	43 51	18° lt. gutter flow line	
			4 63	44 17	18° lt. top of curb	
0+97.5 N			4 56	44 24		℄
			4 76	44 04		9° rt. pavement
			5 15	43 65		17° rt. edge of gutter
			5 26	43 54		18° rt. gutter flow line
			4 60	44 20		18° rt. top of curb
			4 72	44 08	9° lt. pavement	
			5 08	43 72	17° lt. edge of gutter	
			5 17	43 63	18° lt. gutter flow line	
			4 52	44 28	18° lt. top of curb	
1+97.5 N			4 13	44 67		℄
			4 22	44 58		9° rt. pavement
			4 66	44 14		17° rt. edge of gutter
			4 85	43 95		18° rt. gutter flow line
			4 17	44 63		18° rt. top of curb
			4 27	44 53	9° lt. pavement	

5 Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 75
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANCHARD, M.D. Date 10-14-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

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F. B. 1959 PG. 16

Profile No. ____ Plotted ____ Notes Red. ____ Job No. 6331.00 Division No. 10

X-Sec. No. ____ Date ____ Date ____ Date ____ Manhattan Beach Blvd. S.D.

Survey of Manhattan Beach Blvd. S.D.

Survey by F. H. BLANCHARD Noted F. H. BLANCHARD Notes Chkd. ____ Checked ____

Indexed L. C. Johnson Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
		48 80	4 67	44 13	17° lt. edge of gutter	
			4 78	44 02	18° lt gutter flow line	
			4 16	44 64	18° lt. top of curb	
0+28 8 S M.H.			11 90	36 90	8" inlet west	4 45 Rod, 6 78 meas., 0 67 dia., 11 90
			11 75	37 05	8" inlet North	4 45 Rod, 6 63 meas., 0 67 dia., 11 75
			11 91	36 89	8" outlet South	4 46 Rod, 6 78 meas., 0 67 dia., 11 91
7+98 5			5 20	43 60		10' W. of W. curb rot. of N.W. ℄ cor. of Cranbrook & Manhattan B.B.
			5 29	43 51		9 75 rt. pavement
			5 54	43 26		16 2 rt. edge of gutter
			5 75	43 05		19 5 rt. gutter flow line
			4 49	44 31		19 5 rt. top of curb
			5 11	43 69	7 5 lt. edge of gutter	
			5 04	43 76	8 3 lt gutter flow line	
			4 53	44 27	8 3 lt. top of curb.	
8+57 5 M.H.			11 57	37 23	8" inlet N.W, 28° lt.	4 37 Rod, 6 63 meas., 0 67 dia., 11 57
		✓	11 61	37 19	8" outlet East	4 28 Rod, 6 66 meas., 0 67 dia., 11 61
T.P.	6 10	49 70	5 20	43 60		
9+00			5 71	43 99		℄
10+00			5 47	44 23		℄
11+00			5 21	44 49		℄

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STATION	B. S.	H. I.	F. S.	ELEV.		
11+00		49 70	5 44	4426		9^{75} rt. pavement
			5 74	4396		16^{2} rt. edge of gutter
			6 07	4363		19^{5} rt. gutter flow line
			5 25	4445		19^{5} rt. top of curb
			5 23	4447	8^{3} lt. gutter flow line	
			4 79	4491	8^{3} lt. top of curb	
12+00			5 03	4467		℄
T.P.	5 17	50 22	4 65	4505		
13 +00			5 54	4468		℄
14+00			5 38	4484		℄
B.M. #KV-42	5 01	51 00	4 21	46 01	B.M. #KV-42 Elev. 45.994	per F.B. 1922-29
$14+85^{6}$			6 01	4499		10' W. of w. curb ret. of N.W. cor. ℄ of Doty Ave. & Manhattan Beach Blvd
			6 21	4479		9^{75} rt. pavement
			6 47	4453		16^{2} rt. edge of gutter
			6 79	4421		19^{5} rt. gutter flow line
			5 94	4506		19^{5} rt. top of curb
			5 98	4502	8^{3} lt. gutter flow line	
			5 54	4546	8^{3} lt. top of curb	
$15+40^{88}$ = 0+00 N & S			5 95	4505		int. of ℄ of Doty Ave. & ℄ of S.D.
0+ 16^{2} N			6 48	4452		℄ edge of conc. gutter
0+ 19^{5} N			6 57	4443		℄ flow line of conc. gutter

6 Profile Notes Red. Plotted Job No. 6221.06 Division No. 10 F. B. 1959 Pg. 17
No. Date Date Survey of Manhattan Beach Blvd. S.D.
X-Sec. Notes Chkd. Checked Survey by F. H. BLANCHARD J.M.U. Date 10-14-54
No. Date Date Map No. Made by Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+23.4 N		51 00	6 42	4458		℄ edge of conc. gutter
0+56.7 N			5 75	4525		10' W of N. curb ret. on N. cors. ℄ of Manhattan Beach Blvd
			5 82	4518		9° rt. pavement
			6 10	4490		17° rt. edge of gutter
			6 30	4470		18° rt. flow line of gutter
			5 66	4534		18° rt. top of curb
			5 89	4511	9° lt. pavement	
			6 18	4482	17° lt. edge of gutter	
			6 32	4468	18° lt. flow line of gutter	
			5 68	4532	18° lt. top of curb	
0+96.7 N			5 59	4541		℄
			5 73	4527		9° rt. pavement
			6 01	4499		17° rt. edge of gutter
			6 14	4486		18° rt. flow line of gutter
			5 47	4553		18° rt. top of curb
			5 76	4524	9° lt. pavement	
			6 03	4497	17° lt. edge of gutter	
			6 18	4482	18° lt. flow line of gutter	
			5 52	4548	18° lt. top of curb	
1+96.7 N			5 54	4546		℄
			5 63	4537		9° rt. pavement

F. B. 1959 PG. 18

Job No. 6221.00 Division No. 10 Notes Red. ____ Plotted ____ Profile ____

Survey of Manhattan Beach Blvd. S.D. Date ____ Date ____ No. ____

Survey by J. H. BLANCHARD Notes J. H. BLANCHARD Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed X O. Johnson Date ____ Date ____ Date ____ No. ____

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
		51 00	5 95	4505		17° rt. edge of gutter
			6 09	4491		18° rt. flow line of gutter
			5 43	4557		18° rt. top of curb
			5 63	4537	9° lt. pavement	
			5 97	4503	17° lt. edge of gutter	
			6 08	4492	18° flow line of gutter	
			5 42	4558	18° top of curb	
0+06.7 S			5 80	4520		℄ edge of conc. slab
0+13.5 S			5 55	4545		℄ peak of conc. slab
0+22.8 S			5 74	4526		℄ flow line of conc. slab
0+25.5 S			5 61	4539		℄ edge of conc. slab
15+53.4 M.H.			12 11	3889	8" inlet West 14° rt.	6.39 Rod, 5.05 Meas., 0.67 Diam. 12.11
			12 00	3900	8" Inlet North	6.40 Rod, 4.93 Meas., 0.67 Diam. 12.00
			12 17	3883	8" outlet East	6.38 Rod, 5.12 Meas., 0.67 Diam. 12.17
15+97.1			5 49	4551		℄
			5 81	4519		9.75 rt. pavement
			6 12	4488		16.2 rt. edge of gutter
			6 28	4472		19.5 rt. flow line gutter
			5 62	4538		19.5 rt. top of curb
			5 32	4568	8.3 lt. flow line gutter	
			4 87	4613	8.3 lt. top of curb	

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Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 19

No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.

X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANCHARD Date 10-14-54

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
17+00		51 00	5 40	4560		℄
T.P.	5 67	51 47	5 20	45 80		
18+00			5 75	4572		℄
19+00			5 51	4596		℄
			5 73	4574		9^{75} rt. pavement
			5 96	4551		16^{2} rt. edge of gutter
			6 12	4535		19^{5} rt. flow line of gutter
			5 48	4599		19^{5} rt. top of curb
			5 36	4611	8^{3} lt. flow line of gutter	
			4 93	4654	8^{3} lt. top of curb	
B.M. #KV-41	5 02	51 75	4 75	46 72	B.M. #KV-41 Elev. 46.734 per. F.B. 1922-28	
20+00			5 65	4610		℄
21+00			5 48	4627		℄
22+00			5 21	4654		℄
T.P.	5 60	52 30	5 05	46 70		
23+00			5 65	4665		℄
			5 83	4647		9^{75} rt. pavement
			6 13	4617		16^{2} rt. edge of gutter
			6 25	4605		19^{5} rt. flow line of gutter
			5 60	4670		19^{5} rt. top of curb
			5 47	4683	8^{3} lt. flow line of gutter	

F. B. 1959 Pg. 20 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. S.D. Date Date No.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		52 30	5 05	47 25	8³ /t. top of curb	
24+00			5 48	46 82		℄
B.M.#KV-40	5 12	52 71	4 72	47 58	B.M.#KV-40 Elev. 47.592	Per F.B. 1922-28
25+00			5 76	46 95		℄
26+00			5 58	47 13		℄
T.P.	5 90	53 20	5 41	47 30		
27+00			5 85	47 35		℄
27+61.48 B.C.			5 70	47 50		℄
			5 85	47 35		9.75 rt. pavement
			6 06	47 14		16² rt. edge of gutter
			6 24	46 96		19.5 rt. flow line of gutter
			5 60	47 60		19.5 rt. top of curb
			5 52	47 68	8³ /t. gutter flow line	
			5 04	48 16	8³ /t. top of curb	
0+50 E			5 57	47 63	℄ of drain produced 27+61.48 = 0+00 E	10' E. of E. curb ret. of N.E. cor. ℄ Manhattan Beach Blvd. & Prairie Parkways
			5 83	47 37		9.75 rt. pavement
			6 04	47 16		16² rt. edge of gutter
			6 21	46 99		19.5 rt. flow line of gutter
			5 55	47 65		19.5 rt. top of curb
			5 41	47 79	8² /t. gutter flow line	
			4 94	48 26	8² /t. top of curb	

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X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of ____ Survey by F. H. BLANCHARD Date ____ Map No. ____ Indexed by ____ Date ____

F. B. 1959 PG. 28

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STATION	B. S.	H. I.	F. S.	ELEV.		
27+95.79 E.C.		53 20	5 53	47 67		℄
28+03.5			5 49	47 71		℄ flow line of gutter
		/	5 01	48 19	/	℄ top of curb
B.M. #KV-39	5 32	53 53	4 98	48 22	B.M. #KV-39 Elev. 48.209	Per F.B. 1922-28
28+45			5 35	48 18		℄ top curb
28+45			6 00	47 53		℄ flow line gutter
28+50			5 80	47 73		℄ edge of gutter
29+00			5 16	48 37		℄
29+37.77 = 0+00 N&S			5 31	48 22		℄ int. of S.D. & & Prairie Ave
0+23.1 N			5 23	48 30		℄ 10' N. of N.
			5 35	48 18	15° lt. edge of conc.	
			5 74	47 79	24° lt. edge of asphalt & drain line	
			5 3	48 2	25° lt. top of bank	
			5 0	48 5	30° lt. prop. line	
0+76.4 N			5 15	48 38		℄ 10' N. of N. curb ret. of N.E. cor. of Prairie & Manhattan B.B.
			5 04	48 49		15° rt. edge of conc.
			5 62	47 91		36° rt. edge of gutter
			5 77	47 76		38° rt. gutter flow line
			5 09	48 44		38° rt. top of curb
			5 05	48 48	15° lt. edge of conc.	
			5 66	47 87	24° lt. edge of asphalt & drain line	

F. B. 1959 PG. 22

Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of ____ Date ____ No. ____
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed R. C. Johnson Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		53 53	5 0	48 5	25°/t. top of bank	
			4 8	487	30°/t. prop. line	
1+16⁴ N			5 08	4845		℄
			5 01	4852		15° rt. edge of conc.
			5 54	4799		36° rt. edge of gutter
			5 67	4796		38° rt. gutter flow line
			5 03	4850		38° rt. top of curb
			5 01	4852	15°/t. edge of conc.	
			5 66	4797	24°/t. edge of asphalt & drain line	
			4 8	487	25°/t. top of bank	
			4 7	488	30°/t. prop. line	
2+16⁴ N			4 92	4861		℄
			4 87	4866		15° rt. edge of conc.
			5 50	4803		36° rt. edge of gutter
			5 63	4790		38° rt. gutter flow line
			5 94	4759		38° rt. top of curb
			4 91	4862	15°/t. edge of conc.	
			5 37	4816	24°/t. edge of asphalt & drain line	
			4 6	489	25°/t. top of bank	
			4 4	491	30°/t. prop. line	
0+ 61° S			5 39	4814		℄

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLAIR
No. ____ Date ____ Date ____ Map No. ____ Date ____ Date ____

F. B. 1959 Pg. 23

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STATION	B. S.	H. I.	F. S.	ELEV.		
		53 53	5 58	47 95		15° rt. conc.
			5 86	47 67		27° rt. drain line & bottom of bank
			4 9	48 6		29° rt. top of bank
			5 22	48 31		36° rt. edge of walk
			4 96	48 57		40° rt. Prop. line & edge of walk
0+81° S			5 49	48 04		10' S. of S. curb ret. of S.E. cor. ℄ of Prairie & Manhattan B.B.
			5 52	48 01	15° lt. edge of conc.	
			5 98	47 55	36° lt. edge of gutter	
			6 12	47 41	38° lt. gutter flow line	
			5 48	48 07	38° lt. top of curb	
1+21° S			5 59	47 94		℄
			5 73	47 80		15° rt. edge of conc.
			6 06	47 47		27° rt. gutter
			5 1	48 4		29° rt. tp. bk.
			5 62	47 91		36° rt. edge of walk
			5 31	48 22		40° rt. Prop. line & edge of walk
			5 69	47 84	15° lt. edge of conc.	
			6 6	46 9	37° lt. gutter	
			4 5	49 0	40° lt. tp. bk.	
			5 0	48 5	50° lt. prop. line	
2+21° S			5 96	47 57		℄

F. B. 1959 PG. 24

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

Survey of F. H. BLANCHARD Notes F. H. BLANCHARD Date ____ Date ____ No. ____

Survey by C. Johnson Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		53 53	6 09	4744		15° rt. edge of conc.
			6 51	4702		27° rt. gutter
			5 7	478		29° rt. tp. bk.
			5 75	4788		36° rt. edge of walk
			5 52	4801		Prop. line & 40° rt. edge of walk
			5 99	4754	15° lt. edge of conc.	
			7 0	465	37° lt. gutter	
			5 0	485	40° lt. tp. bk.	
			5 0	485	50° lt. prop. line	
B.M. #KV-39	5 65	53 86	5 32	48 21	B.M. #KV-39 Elev. 48.209	per F.B. 1922-28
29+47 04 B.C.			5 67	48 19		℄
29+53 7			5 70	48 16	conc.	sta. on curve tan.
29+64 30 = 29+63 96 P.I.			6 23	4763		P.I.
29+65 4			6 28	4758	conc. gutter flow line	on curve tan.
29+81 22 E.C.			5 96	4790		℄
			5 75	4811		17° rt. edge of conc.
			5 4	485		22° rt. prop. line
			6 02	4784	N. rim 36" MH. lock under lid.	54" Met. W.P. line blue prints at Met. water Dept.
			6 06	4780	30° lt. edge of conc.	
			6 33	4753	32° lt. gutter	
			5 6	483	34° lt. tp. bk.	

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 622100 Division No. ____ F.B. 1959 Pg. 25
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
Survey by F. H. BLANK Notes ____ Date 10-18-54
Map No. ____ Date ____ Indexed Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		53 86	5 30	48 56	43° lt. edge of walk & prop. line	
30+09.00			5 06	48 80		℄ top slope
			5 21	48 65		14° rt. edge of conc.
			5 10	48 76		22° rt. prop line
			5 20	48 66	7.5 lt. edge of conc.	
			6 10	47 76	27° lt. gutter	
			5 30	48 56	34° lt. tp. bk.	
			5 20	48 66	43° lt. prop. line	
31+00			4 66	49 20		℄
32+00			4 28	49 58		℄
T.P.	4 80	54 13	4 53	49 33		
33+00			4 24	49 89		℄
			4 39	49 74		13° rt edge pav.
			4 90	49 23		17.3 lt gut.
			4 40	49 73		22° rt P.L., tp bk
			4 45	49 68	8° Lt edge pav	
			5 29	48 84	20.8 Lt. gut.	
			4 69	49 44	41.5 Lt PL.	
34+00			4 00	50 13		℄
35+00			3 72	50 41		
T.P.	5 48	55 73	3 88	50 25		

F. B. 1959 Pg. 26
Job No. 6221.00 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of Manhattan Beach Blvd Storm Drain Date ____ Date ____ No. ____
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. ____ Checked ____ X-Sec.
Indexed A. O. Johnson Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
35+90		55.73	4.95	50.78		℄
			5.06	50.67		13° rt edge pav.
			5.49	50.24		17° rt gut
			4.93	50.80		22° rt tp bk & P.L
			5.10	50.63	8° Lt edge pav. & block top	
			5.43	50.30	29° Lt block top.	
			5.18	50.55	41.5 Lt P.L.	
36+01			4.93	49.80		℄
			5.10	50.63	8° Lt edge pav & Block top	
			5.54	50.19	34° Lt edge gut	
			5.77	49.96	36° gut F.L	
			5.12	50.61	36° tp cb E.C.R.	
36+31.65			4.91	50.82		℄ Osage Ave south only
0+61.05			5.65	50.08		℄ Osage Ave
			5.73	50.00		7.5 rt
			5.92	49.81		13° rt edge gut
			6.06	49.67		15° rt gut
			5.42	50.31		15° rt tp cb.
			5.72	50.01	7.5 Lt	
			5.89	49.84	13° Lt edge gut	
			6.02	49.71	15° rt F. Line	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. ____ F. B. 1959 Pg. 27
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANCHARD Date 12-18-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		5573	535	5[illegible]38	15° Lt tp cb	
1+01° S.			601	49 72		℄ Osage
			610	49 63		7.5 rt
			628	49 45		13° rt edge gut
			642	49 31		15° rt fl. line
			634	49 39		15° rt driveway
			602	49 71	7.5 Lt	
			627	49 46	13° Lt edge gut	
			640	49 33	15° Lt fl line	
			576	49 97	15° Lt. tp cb	
2+01° S.			679	48 94		℄ Osage
			690	48 83		7.5 rt
			702	48 71		13° rt edge gut
			717	48 56		15° rt gut.
			650	49 23		15° rt tp cb.
			685	48 88	7.5 Lt	
			709	48 64	13° Lt edge gut	
			721	48 52	15° Lt. gut	
			711	48 62	15° Lt tp cb. driveway)	
BM KV-38			537	50 36	El 50.360	

F. B. 1959 Pg. 28 Job No. 622100 Division No. Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd Storm Drain Date Date No.
Survey by J. H. BLANCHARD Notes J. H. BLANCHARD Notes Chkd. Checked X-Sec.
Indexed E. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
BMKV-38	506	5542		50 36		
36+54.5			484	50 58	{21° Lt 36" Met. W.D. M.H. 54" line encased in concrete locked 2nd lid. need key for further info.	
			906	46 36	bot of box	
36+61.5			459	50 83		℄
			473	50 69	8° Lt. edge pav & black top.	
			520	50 22	33° Lt edge gut	
			560	49 82	35° Lt fil. gut.	
			470	50 72	36° tp cb E.C.R.	
36+71.5			460	50 82		℄
			476	50 76		12° rt edge pav
			507	50 35		18° rt gut
			465	50 77		22° rt tp burm P.L.
			474	50 68	8° Lt. edge pav. & Black top	
			519	50 23	29.5 edge black top.	
			481	50 61	42.5 back walk P.L.	
37+00			461	50 81		℄
38+00			460	50 82		℄
39+00			471	50 71		℄
			486	50 56		12.5 rt edge pave
			526	50 16		16.5 rt gut
			450	50 92		22° rt tp burm PL

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. ____
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by BLANCHARD Notes FHB Date 10-18-54
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F. B. 1959 Pg. 29

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STATION	B. S.	H. I.	F. S.	ELEV.		
		55 42	4 98	50 44	9° Lt. edge pav	
			5 00	50 42	42.5 Lt PL back walk	
TP	4 47	54 94	4 95	50 47		
40+00			4 30	50 64		℄
41+00			4 37	50 57		℄
42+00			4 46	50 48		℄
			4 56	50 38		12° rt edge pave
			4 96	49 98		22° rt. P.L.
			4 79	50 15	10° Lt edge pave	
			4 94	50 00	42.5 Lt. PL & back walk.	
43+00			4 55	50 39		℄
T.P.	4 30	54 50	4 74	50 20		
44+00			4 24	50 26		℄
44+29.5			4 18	50 32		℄
			4 48	50 02	10° Lt edge pave & Blacktop.	
			5 11	49 39	28° Lt edge blacktop	
			4 76	49 74	42.5 PL & back of walk	
44+39.5			4 19	50 31		℄
			4 46	50 04	10° Lt edge of pave	
			5 03	49 47	34° Lt. edge gutter	
			5 13	49 37	35.5 Lt gutter.	

F. B. 1959 Pg. 30

Job No. 6221.00 Division No. Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd Storm Drain Date Date No.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked X-Sec.

Indexed R. C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
44+39 5		5450	455	4995	36° Lt tpob	
44+42 5			419	5031		℄
			448	5002		12° rt edge pave
			480	4970		16° rt gut.
		✓	386	5064		22° rt P.L
KV-36	568	5540	478	4972	49.717	
44+70 2°			1276	4264	E. 6.75 N 661 Woutlet 6.83 meas	8" inlet 13° rt J.M.H.
			1263	4277	.67 .67 .67 diam; 534 535 535 rod	8" inlet
			1285	4255	12.76 12.63 12.85	8" outlet
44+72.45 int			517	5023		℄ int Freeman Ave
0+30° N			530	5010		℄ Freeman Ave
			590	4950		9° rt edge pave
			600	4940		13° gut.
			555	4985		20° P.L.
			553	4987	10° Lt edge pave	
			570	4970	13° Lt gut	
			510	5030	20° Lt P.L.	
0+70° N.			569	4971		℄ Freeman Ave
			618	4972		9° rt edge pave
			630	4910		12° rt gut
			490	5050		20° rt P.L.

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 62200 Division No. ____ Survey of Manhattan Beach Blvd Sta 0+00 to Sta 44+72.45 Survey By BLANCHARD Notes F/12 Date 10-18-54

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

F. B. 1959 Pg. 31

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+70° N		5540	5 90	49 50	9° Lt edge pave	
			6 10	49 30	13° Lt. gut	
			5 10	50 30	20° Lt P.L.	
1+70° N			5 84	49 56		℄ Freeman Ave
			6 29	49 11		9° rt edge pave
			6 60	49 80		13° rt. gut
			5 20	50 20		20° rt P.L.
			6 30	49 10	8.7 Lt edge pave	
			6 80	48 60	11° Lt gut	
			6 20	49 20	20° Lt P.L.	
0+61° S			5 87	49 53		℄ Freeman
			5 93	49 47		9° rt
			6 14	49 26		16 rt edge gut
			6 31	49 09		18° rt gut
			5 70	49 70		18° rt tp cb
			5 96	49 44	9° Lt	
			6 22	49 18	16° Lt edge gut.	
			6 39	49 01	18° Lt gut	
			5 74	49 66	18° Lt tp cb	
1+01° S			5 90	49 50		℄ Freeman Ave
			5 99	49 51		9° rt

F. B. 1959 PG. 32

Profile

Survey of Manhattan Beach Blvd Storm Job No. 6221.00 Division No. Notes Red. Plotted No.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Date Date X-Sec.

Indexed O. Johnson Date Notes Chkd. Checked No.

Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+01° S		55 40	6 20	49 20		16° rt edge gut
			6 37	49 03		18° rt ~~edg~~ gut
			5 74	49 66		18° rt tp cb
			6 00	49 40	9° Lt	
			6 26	49 14	16° Lt edge gut	
			6 42	48 98	18° Lt gut	
			5 78	49 62	18° Lt tp cb	
2+01° S			6 17	49 23		℄ Freeman Ave
			6 20	49 20		9° rt
			6 37	49 03		16° rt edge gut
			6 55	48 85		18° rt gut
			6 47	48 93		18° rt tp cb driveway
			6 24	49 16	9° Lt	
			6 38	49 02	16° Lt. edge gut	
			6 52	48 88	18° Lt. gut	
			5 94	49 46	18° Lt. tp cb.	
45+00			5 24	50 16		℄ Manhattan Blvd
+05 S			5 24	50 16		℄ " "
			5 45	49 95	11° Lt edge rd & blacktop.	
			5 98	49 42	34° Lt edge gut.	
			6 14	49 26	36° Lt gut.	

Profile Notes Red. ____ Plotted ____ Job No. 627400 Division No. ____
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANTON EHB Date 10-18-54
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 1959 PG. 33

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STATION	B. S.	H. I.	F. S.	ELEV.		
45+05.5		55 40	5 49	49 91	36° Lt tp cb.	
45+15.5			5 21	50 19		℄ Man
			5 31	50 09		12.5 rt edge pave
			5 31	50 09		14° rt gut.
			5 14	50 26		22° rt P.L.
			5 47	49 93	11° Lt edge rd. & black top.	
			5 78	49 62	25° Lt edge black top	
			5 74	49 66	43° Lt P.L. back of walk	
46+00			4 96	50 44		℄ Manhattan
T.P.	5 93	56 06	5 27	50 13	East 7.73 / west 7.76	
46+86.5			13 96	42 10	67 / .67	meas diam
			14 00	42 06	556 / 557	nod.
					13.96 / 14.00	
47+00			5 41	50 65		℄ Manhattan
			5 54	50 52		12° rt edge pave
			5 60	50 46		14.5 rt gut.
			5 40	50 66		22° rt P.L.
			5 52	50 54	9.5 Lt edge pave	
			5 63	50 43	43° Lt P.L.	
48+00			5 25	50 81		℄
48+69.9			5 12	50 94		℄
			5 14	50 92		19.5 rt edge pave

F. B. 1959 Pg. 34

Job No. 6221.00 Division No. Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd Storm Drain Date Date No.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked X-Sec.

Indexed A. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
48+69 ?		56.06	5.30	50.76		13° rt gut
			4.70	51.36		82° rt P.L.
			5.45	50.61	10° Lt edge pave	
			5.15	50.91	43° Lt P.L. & back of walk	
48+92.65			5.00	51.06	LARCH AVE ℄	℄ Manhattan Beach Blvd.
0+13° N			14.42	41.64	East 8.83 North 8.60 West 8.85 meas	8" inlet
					.67 .67 .67 diam	
			14.18	41.88	4.92 4.91 4.94 rod	8" inlet
			14.46	41.60	14.42 14.18 14.46	8" outlet
0+32° N			4.79	51.27		℄ Larch Ave
			5.13	50.93		9° rt edge pave
			5.40	50.66		15° rt gut
			4.70	51.36		20° rt P.L.
			5.16	50.90	9° Lt edge pave	
			5.20	50.86	12° Lt gut	
			4.90	51.16	20° Lt P.L.	
0+72° N			4.62	51.44		℄ Larch Ave
			5.08	50.98		9° rt edge pave
			5.60	50.46		15° rt gut
			5.00	51.06		20° rt P.L.
			5.04	51.02	9° Lt edge pave	
			5.37	50.69	13° Lt gut	

Profile Notes Red ____ Plotted ____ Job No. 6721.0 Division No. ____
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLAUVELT Date 10-18-54
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F. B. 1959 Pg. 35

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+72° N		56 06	5 00	51 06	20° Lt P.L	
1+72° N			4 90	51 16		℄ Larch Ave
			5 46	50 60		9° rt edge pave
			5 53	50 53		12° rt gut.
			5 50	50 56		20° rt P.L
			5 30	50 76	7.5 Lt edge pave	
			5 75	50 31	11.5 Lt gut	
			5 10	50 96	20° Lt P.L.	
49+00			5 01	51 05		℄ Manhattan
+22.5			4 92	51 14		℄ "
			4 98	51 08		11.7 rt edge pave
			5 20	50 86		14.5 rt gut
			4 80	51 26		22° rt P.L.
			5 22	50 84	10° Lt. edge pave	
			4 99	51 07	43° Lt P.L	
KV-35	5 42	56 25	5 23	50 83	50.87 2 .04 2	
50+00			4 82	51 43		℄
+50			4 70	51 55		℄
			4 80	51 45		11° rt edge pave
			4 40	51 85		22° rt P.L.
			4 90	51 35	10.7 Lt edge pave	

F. B. 1959 Pg. 36 Job No. 6221.00 Division No. Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd Storm Drain Date Date No.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked X-Sec.
Indexed K. O. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
					adjusted Elev.	
KV-32	4 578	62 179		57 601	FB 1922-25 - 57.601	~ NOTE ~
T.P.	3 975	60 482	5 672	56 507		there seems to be
BM KV-33	4 482	59 888	5 076	55 406	FB 1922-25 - 55.362	a change in the Benches
	4 751	56 654	7 985	51 903		in this area. this run
BM KV-34	5 380	56 762	5 272	51 382	FB 1922-26 - 51.409	was made to locate
	4 630	56 262	5 130	51 632	FB	error. everything
BM KV-35	5 226	56 065	5 423	50 839	FB 1922-26 - 50.872	points to a slight
	5 268	55 402	5 931	50 134		settling in and around
BM KV-36			5 681	49 721	FB 1922-26 - 49.717	Sombra Ave

Profile Notes Red. Plotted Job No. Division No.
No. Date Date Survey of
X-Sec. Notes Chkd. Checked Survey by F. H. BLANCHARD Date
No. Date Date Map No. [illegible] Johnson Date

F. B. 1959 Pg. 37

F. B. 1959 Pg. 38a

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked X-Sec.

Indexed A. C. Johnson Date Date Date No.

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
50+50		56.25	480	51 45	43° Lt P.L.	
51+00			463	51 62		℄
T.P.	513	56 75	463	51 62		
KV-34			538	51 37		
KV-34	5237	56 617		51 380	51.409 .029	
51+64.5			481	51 81		℄ Manhattan
			488	51 74		11° rt edge pave
			470	51 92		22° rt P.L.
			506	51 56	11° Lt edge pave	
			497	51 65	43° Lt P.L. back of walk	
51+99.29			474	51 88		℄ int Sombra & Manhattan
0+32° N			512	51 50		℄ Sombra Ave
			509	51 53		14° rt edge pave
			520	51 42		15° rt gut
			500	51 62		25° rt P.L.
			1353	43 09	1.5 Lt S.M.H. 8" inlet North	759 779 meas 67 67 diam 527 528 rod. 1353 1394
			1394	42 68	8" outlet south	
			513	51 49	13° Lt edge pave	
			480	51 82	25° Lt P.L.	
0+62°			512	51 50		℄ Sombra begging conc
			528	51 34		7° rt

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 622140 Division No. ____
X-Sec. No. ____ Notes Chkd. 51409 Date ____ Checked ____ Date ____ Survey of Manhattan Beach Blvd Sum Pavd
Date ____ Map No. ____ Survey by F. H. BLOUNT Notes ____ Date 10-12-54
Date ____ Map No. ____ Date ____

F. B. 1959 Pg. 37

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F. B. 1959 Pg. 38

Profile No. ____ Plotted ____ Notes Red. ____ Job No. 6 22 66 Division No. ____

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

Survey of Manhattan Beach Blvd Storm Drain

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD

Checked ____ Date ____

Indexed L. O. Johnson Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
0+62° N		56 617	545	51 17		13° rt. edge gut.
			575	50 86		15° rt gut conc
			526	51 36		15° rt tp cb
			519	51 43	7° Lt	
			534	51 28	13° Lt edge gut conc	
			575	50 87	15° gut. conc	
			512	51 50	15° tp cb	
14+62° N			550	51 12		℄ Sombra conc
			573	50 89		7° rt
			591	50 71		13° rt edge gut conc
			621	50 41		15° rt gut.
			612	50 50		15° rt tp. cb.
			560	51 02	7° Lt	
			566	50 96	13° Lt edge gut. conc	
			610	50 52	15° Lt gut. conc	
			547	51 15	15° Lt tp cb.	
52+01°			474	51 88		℄ Manhattan
			1563	49 99	E 495 N 497 W 497 rod	13° rt. SMH 8" inlet E.
					1001 962 1005 meas	
			1529	41 33	67 67 67 diam.	8" inlet
			1569	40 93	563 15.29 15.69	8" outlet
52+34°			463	51 99		℄ Manhattan

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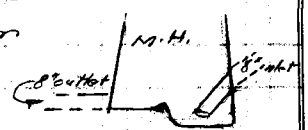
STATION	B. S.	H. I.	F. S.	ELEV.		
52+34.5		56 617	4 77	51.85		12° rt edge pave
			4 60	52 02		22° rt P.L.
			4 91	51 71	7.5 Lt edge pave	
			4 80	51 82	43° Lt P.L.	
52+99.29			4 50	52 12	angle pt.	℄
53+40			4 22	52 40		℄
			4 38	52 24		11° rt edge pave
			3 95	52 67		21° rt P.L.
			4 40	52 22	11° Lt edge of pave	
			4 50	52 12	43.5 Lt P.L. back of walk	
53+52.20			4 25	52 37	S.M.H. 11° rt East rim	
			16 60	40 02	had to read direct because	
			16 00	40 62	of difficulty in bot. of MH	
53+61.04			3 97	52 647		℄ Alley south
T.P.	5106	57753	3 97	52 647		
0+12.5			5 29	52 46		℄ alley and Edge pave
0+39.5			5 00	52 75		℄ alley
			4 80	52 95		10° rt P.L.
0+54.5			4 70	53 05		℄ alley
			4 60	53 15	10° Lt P.L.	



Profile Notes Red. ____ Plotted ____ Job No. 622140 Division No. ____ F. B. 1959 Pg. 39
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLAIN Notes ____ Date 10-18-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+94 5		57 753	470	[illegible] 05		℄ alley
			470	[illegible] 05		10° rt P.L.
			470	[illegible] 05	10° Lt. P.L.	
1+94 5			550	52 25		℄ alley
			540	52 35		6° rt brk.
			470	52 05		10° rt P.L
			570	52 05	10° Lt P.L	
53+63 °			1717	40 58	E. 11.25 W. 11.16 S. 11.20 meas	8" inlet east 11 5 rt S.M.H.
			1819	39 56	72 183 183 diam. 520 520 517	22" inlet west
			1820	39 55	17.17 18.19 18.20	22" outlet south
53+81.04			480	52 95		℄ manhattan
			491	52 84		9 5 rt edge pave
			501	52 74		11° rt gut
			465	53 10		20° rt P.L.
			491	52 84	12° Lt edge pave	
			510	52 65	14° Lt gut	
			477	52 98	30° Lt P.L black top.	
54+00			448	53 27		℄ manhattan Blvd.
54+88 °			333	54 42		℄ manhattan Blvd.
			352	54 23		10 5 rt gut
			297	54 78		13 5 rt walk

F. B. 1959 Pg 40
Profile
Survey of Manhattan Beach Blvd Storm Drain
Survey by F. H. DEACONSON
Indexed K. O. Johnson
Job No. 6622/65
Division No.
Notes Red.
Notes Chkd.
Notes
Plotted
Date
Checked
Date
No.
X-Sec.
No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
54+88.0		57 753	2 94	54 81		20° rt P.L
			3 37	54 38	15° Lt edge pave.	
			3 35	54 40	17.5 Lt gut.	
			2 90	54 85	30° Lt P.L. blacktop.	
54+98.0			3 22	54 53		℄ manhattan. Blvd.
			3 27	54 48		4° rt
			3 45	54 30		10.5 rt edge gut (conc)
			3 59	54 16		12.5 rt gut (conc)
			2 99	54 76		12.7 rt tp cb.
			3 21	54 54	3.5 Lt	crown ℄ manhattan
			3 20	54 55	10.5 Lt	
			3 25	54 50	16° Lt edge gut (conc)	
			3 42	54 33	18° Lt gut (conc)	
			2 78	54 97	Lt tp cb.	
55+26.12			2 80	54 95	℄ storm drain int with Hawthorne north.	
T.P.	6 349	61 293	2 809	54 944		
55+10.5			20 77	40 52	W 13.14 N 13.13 E 13.20 meas	8° rt S.M.H. 12" inlet west
			21 59	39 70	100 180 180 diam	22" inlet north
			21 65	39 64	663 666 665 rod 20.77 21.59 21.65	22" outlet east
0+36.5 N			6 56	54 73		℄ Hawthorne
			6 86	54 43		12° rt. edge gut

Profile Notes Red. ____ Plotted ____ Job No. 6221.09 Division No. ____
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLAIR Notes ____ Date 10-19-54
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		61 293	7 00	54 29		14° rt gut (conc)
			6 38	5[illegible] 81		14² rt tp. cb
0+53°			6 67	5[illegible] 62		℄ Hawthorne
			6 34	54 95	17⁵ Lt	
			6 02	55 27	33° Lt edge gut (conc)	
			5 87	55 42	35° Lt gut (conc)	
			5 49	55 80	35² Lt tp cb.	
0+93° N			6 93	54 26		℄ Hawthorne
			7 29	54 00		12° rt edge gut
			7 43	5[illegible] 86		14° rt gut (conc)
			6 82	54 47		14² rt tp cb.
			6 59	54 70	16° Lt	
			6 32	5[illegible] 97	30° Lt edge gut	
			6 28	5[illegible] 01	32° Lt gut (conc)	
			5 78	5[illegible] 51	32² Lt tp cb.	
1+93° N			7 55	5[illegible] 74		℄ Hawthorne
			7 99	5[illegible] 30		12° rt edge gut
			8 12	5[illegible] 17		14° rt gut (conc)
			7 55	5[illegible] 94		14² rt tp. cb.
			7 25	54 04	15° Lt	
			7 00	54 29	28° Lt edge gut	

F. B. 1959 PG. 42
Profile
Job No. 622100 Division No. Notes Red. Plotted No.
Survey of Manhattan Beach Blvd Storm Drain Date Date X-Sec.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked No.
Indexed K. A. Johnson Date Date Date

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+93.0 N		61.293	6.95	54.34	30° Lt gut conc	
			6.47	54.82	30° Lt Tp cb.	
55+31.09 S			6.26	55.03	℄ int storm Drain ℄	Hawthorne south. 0+00 S
0+44.0 S.			6.02	55.27		℄ Hawthorne S.
			6.53	54.76	16° Lt edge gut	
			6.67	54.62	18° Lt gut (conc)	
			6.58	54.71	18° Lt tp cb. (driveway)	
0+62.5			5.96	55.33		℄ Hawthirne S
			5.62	55.67		14° rt.
			5.43	55.86		26° rt edge gut
			5.40	55.89		28° rt gut (conc)
			4.92	56.37		28° rt tp cb.
1+02.5			6.17	55.12		℄ Hawthorne
			5.85	55.34		14° rt
			5.67	55.62		26° rt edge gut
			5.65	55.64		28° rt gut (conc.)
			5.17	56.12		28° rt tp cb.
			6.61	54.68	16° Lt edge gut	
			6.77	54.52	18° Lt. gut (conc)	
			6.71	54.58	18° Lt tp cb. (driveway)	

Profile Notes Red. ____ Plotted ____ Job No. 62260 Division No. ____
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANCHARD Date 10-19-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

F. B. 1959 Pg. 43

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. ____ Job No. 6221.06

Survey of Manhattan Beach Blvd Storm Drain

Survey by F. H. BLANCHARD Noted F. H. BLANCHARD

Indexed E. C. Johnson Date ____

E. B. 1959 Pg. 44

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+02 5/8 S		61 292	6 54	55 75		℄ Hawthorne
			6 33	55 96		9° rt
			6 21	55 08		16° rt edge gut
			6 19	55 10		18° rt gut (conc)
			5 67	55 62		18² rt tp. cb.
			6 98	54 31	16° Lt edge gut	
			7 11	54 18	18° Lt gut (conc)	
			6 54	54 75	18² Lt tp. cb.	
55+86 11/12 spot			5 22	55 07		℄
			5 20	55 09		16 5/8 rt
			5 27	55 02		31° rt edge gut
			5 30	55 99		33° rt gut conc
			4 86	56 43		33² rt tp cb.
			5 23	55 06	21 5/8 Lt	
			5 29	55 00	41° Lt edge gut	
			5 29	55 00	43° Lt gut (conc)	
			4 77	55 52	43² tp cb.	
56+46 1/2 INT			5 95	55 34	int storm drain	℄ Hawthorne 0+00 N
6+34 5/8 N			5 95	55 34		℄ Hawthorne
			6 22	55 07	11° Lt edge gut	
			6 36	54 93	13° Lt gut	

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+34.5 N		61.293	6.28	550.1	13' Lt tp.cb. (driveway)	
0+53 N			5.90	55.39		℄ Hawthorne
			5.37	55.92		22.5' rt
			5.03	56.26		43' rt edge gutt
			4.98	56.31		45' rt gut (conc)
			4.52	56.77		45' rt tp.cb
0+93 N			5.99	55.30		℄ Hawthorne
			5.50	55.79		22.5' rt
			5.15	56.14		43' rt edge gut
			5.09	56.20		45' rt gut
			4.61	56.68		45' tp cb.
			6.36	54.93	11' Lt. edge gut	
			6.43	54.86	13' Lt. gut (conc)	
			5.84	55.45	13' Lt tp cb.	
1+93 N			6.37	54.92		℄ Hawthorne
			6.05	55.24		17.5' rt
			5.68	55.61		33' rt edge of gutter
			5.60	55.69		35' rt gut
			5.14	56.15		35' tp cb
			6.65	54.64	11' Lt edge gut	
			6.82	54.47	13' Lt gut (conc)	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. ____
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANCHARD Date 10-29-54
No. ____ Date ____ Date ____ Map No. ____ ~~Indexed by~~ Date ____

F. B. 1957 Pg. 45

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+93.0 N		61 293	6 34	54 95	13° Lt tp cb	
0+45.0 S			5 99	55 30		℄ Hawthorne South
			6 43	54 86		11° rt edge gut
			6 57	54 72		13° rt gut (conc)
			5 96	55 33		13° rt tp cb.
0+62.5 S			6 11	55 18		℄ Hawthorne South.
			5 85	55 44	16° Lt	
			5 52	55 77	30° Lt edge gut.	
			5 53	55 76	32° Lt gut (conc)	
			5 03	56 26	32° Lt tp cb	
1+02.5 S			6 42	54 87		℄ Hawthorne
			6 85	54 44		11° rt edge gut
			6 97	54 32		13° rt gut (conc)
			6 36	54 93		13° rt tp cb
			6 16	55 13	15° Lt	
			5 82	55 47	28° Lt edge gut	
			5 82	55 47	30° Lt gut conc	
			5 42	55 87	30° Lt tp. cb.	
2+02.5 So.			7 39	53 90		℄ Hawthorne
			7 80	53 49		11° rt edge gut
			7 97	53 32		13° rt gut. (conc)

F. B. 1959 PG 46

Job No. 6221.00 Division No. Notes Red. Plotted No. Profile

Survey of Manhattan Beach Blvd Storm Drain Date Date X-Sec.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked No.

Indexed E. C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+02.5 S		61 293	729	54 00		13.2 rt tp cb
			714	54 15	14 Lt	
			691	54 38	26° Lt edge gut	
			690	54 39	28° Lt gut conc	
			642	54 87	28.2 Lt tp cb	
BMKV-33	5361	60 765	5889	55 404	55.362	.042
56+55.0			1955	41 21	East 1290 meas 100 diam 565 rod. 19.55 / South unable to get. 568 / meas diam rod	12" outlet east 5.5 rt S.M.H. unable to get flow line
			568	55 08		South rim
			1943	41 33	South 12.68 1.00 5.75 / West 12.57 67 5.78 / North 12.77 meas 1.00 diam 5.73 rod.	12" inlet south
			1902	41 74	1943 19.02 19.50	8" inlet west
			1950	41 26		12" outlet north.
56+59.0			591	54 85		℄ manhattan & gutter.
+74.0			564	55 12	end cb returns	℄ manhattan
			564	55 12		8.0 rt edge gut.
			575	55 01		10.0 rt gut (conc)
			519	55 57		10.2 rt tp cb.
			576	55 00	18.0 Lt edge gut.	
			592	54 84	20° Lt gut (conc)	
			532	55 44	20.2 Lt tp cb.	
56+84.0			575	55 01		℄ Storm
			583	54 93		6.5 rt edge pave

Profile Notes Red. ____ Plotted ____ Job No. 6221.06 Division No. ____ F. B. 1959 Pg. 47
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANKENSHIP Date 10-20-54
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
56+84°		60765	496	55 80		15° rt P.L.
			569	55 07	17° Lt edge pave	
			438	56 38	35° Lt P.L.	
56+86.5			508	55 68	Met. Water Dept. 36" MH 2nd lid locked unable to get shot 26° Lt. north rim	
57+00			563	55 13		℄ manhattan
58+00			506	55 70		℄ "
59+00			450	56 26		℄ "
T.P.	6103	62346	4522	56 243		
60+00			553	56 81		℄ storm drain
			562	56 72		4.5 rt edge pave
			570	56 64		15° rt P.L.
			554	56 84	15° Lt edge pave	
			550	56 84	35° Lt P.L.	
61+00			499	57 35		℄ storm drain
62+00			439	57 95		℄ storm drain
BMKV-32	7318	64918	4746	57 600	57.601	
62+43.5			669	58 22	℄ storm drain	10° back PL
			675	58 16		5° rt edge pave
			690	58 01		7° rt dirt gut.
			600	58 91		15° rt P.L.
T.P.	5796	64269	6445	58 473		

F. B. 1959 PG. 48

Job No. 622100 Division No. Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd Storm Drain Date No. X-Sec.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked

Indexed E. G. Johnson Date Date No.

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
62+43.5		64 269	6 31	57 958	10.5 Lt edge pave	
			6 65	57 618	19.5 Lt gut dirt	
			6 25	58 018	25.0 Lt. P.L.	
62+68.0			1541		South 8.75 .67 599 1541 / East 8.86 .67 60.0 15.53 / meas diam rod	8" inlet South 19.0 Lt SMH
			15 53			8" outlet east.
62+73.28			5 79		int. Grevillea & storm drain	
0+25.0 N			5 17	59 099		℄ Grevillea
			5 46	58 809		9.0 rt edge pave
			5 50	58 769		12.0 rt gut
			4 80	59 469		20.0 rt P.L.
			5 36	58 909	9.0 Lt edge pave	
			5 60	58 669	12.0 Lt gutter dirt	
			4 30	59 969	20.0 Lt P.L.	
0+65.0 N			4 70	59 569		℄ Grevillea
			5 14	59 129		8.5 rt edge pave
			5 20	59 069		11.0 rt gut (dirt)
			4 70	59 569		20.0 rt P.L.
			5 01	59 259	10.0 Lt edge pave	
			5 30	58 969	13.0 Lt gut (dirt)	
			4 20	60 069	20.0 Lt P.L.	

Profile Notes Red. ____ Plotted ____ Job No. 622/100 Division No. ____ F. B. 1959 Pg. 49
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLAIR Notes RD Date 10-20-54
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+65° N		64 269	5 08	59 19		℄ Grevillea
			5 46	58 81		8° rt edge pave
			5 49	58 78		11° rt gut (dirt)
			4 70	57 57		20° rt P.L.
			5 48	58 79	8° Lt edge pave	
			5 60	58 67	11° Lt gut (dirt)	
			4 80	57 47	20° Lt P.L.	
0+35° S			5 99	58 28		℄ Grevillea south
			6 43	57 84		10° rt edge pave
			6 70	57 57		13° rt gut (dirt)
			6 10	58 17		20° rt P.L.
			6 43	57 84	10° Lt edge pave	
			6 60	57 67	12° Lt gut dirt	
			6 20	58 07	20° Lt P.L.	
0+75° S			6 22	58 05		℄ Grevillea
			6 89	57 38		10° Rt edge pave
			7 13	57 14		13° rt gut (dirt)
			6 40	57 87		20° rt P.L.
			6 68	57 59	8° Lt edge pave	
			6 70	57 57	11° Lt gut (dirt)	
			6 60	57 67	20° Lt P.L.	

F. B. 1959 Pg. 50 Job No. 6221.00 Division No. Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd Storm Drain Date Date No.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes, Chkd. Checked X-Sec.
Indexed R. O. Johnson Date Date Date No.

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+75°S		64 269	8 24	55 93		℄ Greuilleq
			8 75	55 52		9° rt edge pave
			9 10	55 17		13° rt gut (dirt)
			8 30	55 97		20° rt PL
			8 57	55 67	8° Lt edge pave	
			8 70	55 57	11.5 Lt gut (dirt)	
			8 10	56 17	20° Lt P.L.	
63+03°			5 62	58 65		℄ Storm drain
			5 61	58 66		5.5 rt edge pave
			5 60	58 67		8° rt gut dirt
			4 20	60 07		15° rt P.L.
			5 79	58 48	15.5 Lt edge pave	
			6 20	58 07	21° Lt gut dirt.	
			6 00	58 27	25° Lt P.L.	
64+00			5 84	58 43		℄ Manhattan
			5 90	58 37		5° rt edge pave
			5 90	58 37		8° rt gut
			4 20	60 07		15° rt P.L.
			6 03	58 24	15° Lt edge pave	
			5 70	58 57	25 Lt P.L.	
TP.	4 952	63 369	5 852	58 417		

Profile Notes Red. ____ Plotted ____ Job No. 622100 Division No. ____ F. B. 1959 Pg. 51
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLAIN Notes ____ Date 10-20-54
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
65+00		63 369	534	57 03		℄ manhattan storm Drain
65+45.5			565	57 72		℄ storm Drain
			583	57 54		5° rt edge pave
			600	57 37		7° rt gut (dirt)
			560	57 77		15° rt P.L.
			583	57 54	15° Lt edge pave	
			580	57 57	35 Lt P.L.	
65+75.50			596	57 41	int. storm drain	℄ Mansel Ave
0+25° N			601	57 36		℄ Mansel
			605	57 32		9° rt edge pave
			600	57 37		13° rt gut (dirt)
			570	57 67		20° rt P.L.
			618	57 19	11° Lt edge pave	
			620	57 17	13° Lt gut dirt	
			570	57 67	20° Lt P.L	
0+65° N			614	57 23		℄ Mansel
			629	57 08		10° rt edge pave
			630	57 07		14° rt gut dirt
			560	57 77		20° rt P.L.
			624	57 13	10° Lt edge pave	
			630	57 07	12° Lt gut dirt	

F. B. 1959 PG. 52
Job No. 6221.00 Division No. Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd Storm Drain Date Date No.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+65° N		63.369	5.60	57.77	20° Lt PL	
1+65° N			6.48	56.89		℄ mansel
			6.70	56.67		10° rt edge pave
			6.91	56.46		13.5 rt gut (dirt)
			6.20	57.17		20° rt. PL
			6.92	56.45	10° Lt edge pave	
			7.10	56.27	12.5 Lt gut (dirt)	
			6.30	57.07	20° Lt PL	
BM KV-31			6.048	57.321		
BM# KV-31	4.562	61.869		57.307	BM# KV-31 EL. 57.307	FB 1922-25
66+00			4.68	57.19		℄ storm drain
66+05.5			4.76	57.11		℄ " "
			4.86	57.01		5° rt edge pave
			5.10	56.77		7.5 rt gut (dirt)
			4.30	57.57		15° rt PL.
			4.76	57.11	15° Lt. edge pave	
			4.40	57.47	35° Lt PL.	
67+00			5.20	56.67		℄ storm drain
68+00			5.67	56.20		℄ storm drain
68+50			6.01	55.86		℄ Storm drain
			6.16	55.71		5° rt edge pave

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6221.06 Division No. ____
Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
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Date ____ Date ____ Map No. ____ Indexed ____ Date 11-4-54

F. B. 1959 Pg. 53

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STATION	B. S.	H. I.	F. S.	ELEV.		
68+50		61 869	630	55 57		8° rt gut dirt
			570	56 17		15° rt P.L.
			608	55 79	15° Lt edge pave	
			600	55 87	35° Lt P.L.	
69+00		✓	631	55 56		℄ Storm drain
T.P.	5009	60 439	6 439	55 430		
70+00			508	55 36		℄ storm drain
71+00			537	55 07		℄ " "
+03.5			538	55 06	10° back P.L.	℄ storm drain
			540	55 04		5° rt edge pave
			480	55 64		15° rt P.L.
			540	55 04	17° Lt edge pave	
			500	55 44	25° Lt P.L.	
71+33.59			536	55 08	int	℄ storm drain & Firmona
0+25° N			531	55 13		℄ Firmona
			550	54 94		9.5 rt edge pave
			550	54 94		12.5 rt gut (dirt).
			430	56 14		20° rt P.L.
			541	55 03	7° Lt edge rd.	
			550	54 94	11° Lt gut (dirt)	
			410	56 34	20° Lt P.L.	

F. B. 1959 Pg. 54
Job No. 6221.00 Division No. Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd Storm Drain Date Date No.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked X-Sec.
Indexed A. Johnson Date Date Date No.

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+65 N		60 439	5 36	55 08		℄ Firmona north
			5 70	54 74		9° rt edge pave
			5 80	54 64		10° rt gut (dirt)
			4 20	56 24		20° rt P.L.
			5 59	54 85	7° Lt edge pave	
			5 80	54 64	11° Lt gut (dirt)	
			3 70	56 74	20° Lt P.L.	
1+65 N			5 28	55 16		℄ Firmona north
			5 53	54 91		8° rt edge pave
			5 70	54 74		12° rt, gut dirt
			4 40	56 04		20° rt P.L.
			5 64	54 80	8° Lt edge pave	
			5 80	54 64	10° Lt gut dirt	
			4 00	56 04	20° Lt P.L.	
0+35 S			5 01	55 43		℄ Firmona south
			5 20	55 24		8° rt edge pave
			5 13	55 31		14° rt gut blacktop.
			4 74	55 70		20° rt P.L. "
			5 27	55 17	9° Lt edge pave	
			5 20	55 24	13° Lt gut (dirt)	
			4 60	55 84	20° Lt P.L.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6270 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey alternate Grant Pl. of Firmona
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by F. H. BLANKENSHIP Date 10-20-54
Map No. ____ Date ____ Inspector C. Johnson Date ____

F. B. 1997 Pg. 55

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+75.5 S		60 439	4 52	55 92		℄ Firmona south ℄ gut
			4 93	55 51		7.5 rt. edge pave
			3 63	55 81		20° rt P.L.
			4 96	55 48	9° Lt edge pave	
			5 10	55 34	12.5 Lt gut (dirt)	
			4 20	56 24	20° Lt P.L.	
1+75.5 S.			3 32	57 12		℄ Firmona south
			3 83	56 61		7.5 rt edge pave
			3 90	56 54		9.5 rt. gut (dirt)
			3 20	57 24		20° rt P.L.
			3 80	56 64	9° Lt edge pave	
			4 20	56 24	12° Lt gut (dirt)	
			3 40	57 04	20° Lt P.L.	
71+62.5			5 23	55 21	10° back of P.L.	℄ storm drain
			5 39	55 05		5.5 rt edge pave
			5 20	55 24		10° rt. brk
			4 30	56 14		11.5 rt tp brk
			4 20	56 24		15° rt P.L.
			5 21	55 23	19° Lt edge pave	
			5 20	55 24	22.5 Lt gut (dirt)	
			4 60	55 84	25° Lt P.L.	

F. B. 1959 Pg. 56

Profile

Job No. 6221.00 Division No. Notes Red. Plotted No.

Survey of Manhattan Beach Blvd Storm Drain Date Date X-Sec.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked No.

Indexed C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
72+00		60 439	4 83	55 61		℄ Storm drain
73+00		✓	4 40	56 04		℄ " "
T.P.	6023	61 994	4 468	55 971		
74+00			5 49	56 50		℄ storm drain
			5 65	56 34		5° rt edge pave
			5 90	56 09		8° rt gut (dirt)
			5 40	56 59		15° rt P.L.
			5 68	56 31	4° Lt edge pave	
			5 90	56 09	21° Lt gut (dirt)	
			5 20	56 79	35° Lt P.L.	
75+00			5 05	56 94		℄ storm drain
76+00			4 57	57 42		℄ " "
76+33.74 BC			3 93	58 06	BC.	℄ storm drain
			4 22	57 77		5° rt. edge pave
			4 80	57 19		15° rt gut & P.L.
			4 23	57 76	15° Lt edge pave	
			4 50	57 49	21° Lt gut (dirt)	
			4 40	57 59	25° Lt P.L.	
BM#127		✓	2 704	59 29		
BM# 127	3 008	62 271		59 263	BM# 127 Elev 59 263	F B 1922-24

Profile Notes Red. ____ Plotted ____ Job No. 62210 Division No. ____ F. B. 1959 Pg. 57
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. DEAN Notes ____ Date 10-21-54
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
76+85.41		62 271	3 62	58 65	int ℄ Condon	℄ storm drain
0+12° N			4 70	57 57	10° back of P.L.	℄ condon north
			5 11	57 16		13° rt. edge pave
			5 29	57 07		19° rt. gut bt brk
			4 83	57 44		20° rt P.L. tp brk blacktop
			4 74	57 53	7° Lt edge pave	
			4 80	57 47	11° Lt gut (dirt)	
			4 70	57 57	20° Lt. P.L. drain east & west	
0+52° N			4 80	57 47		℄ Condon north
			5 00	57 27		11° rt edge pave
			5 10	57 17		15° rt gut (dirt)
			3 90	58 37		20° rt P.L.
			4 92	57 35	5° Lt. edge pave	
			5 50	56 77	9° Lt. gut (dirt)	
			5 10	57 17	20° Lt. P.L.	
1+52° N			4 99	57 28		℄ Condon north
			5 22	57 05		10° rt edge pave
			5 33	56 94		14° rt gut (dirt)
			5 20	57 07		20° rt P.L.
			4 99	57 28	3° Lt edge pave	
			5 44	56 83	11° Lt gut (dirt)	

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Job No. 6271.00 Division No. ____

Survey of Manhattan Beach Blvd Storm Drain

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD

Indexed O. Johnson Date ____

F. B. 1459 Pg. 58

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+52° N		62 271	4 45	57 82	20° Lt PL	
					6.88 meas .67 diam 4.87 rod	
0+64.5 N			12 42	59 85	12.42	8" outlet condon ave N rim 5° rt S.M.H. NOT BEING USED
7.7+31.23 P.R.C.			4 60	57 67	P.R.C.	℄ storm drain
			5 10	57 17		20° rt
			2 10	60 17	25° Lt tp bnk	
			3 70	58 57	28° Lt bot ditch	
			1 00	61 21	36° Lt tp bnk	
TP	4 839	63 757	3 353	58 918		
78+00			4 91	58 85		℄
			5 66	58 10		25' rt. asphalt pave.
			5 67	58 09		50' rt. asphalt pave.
			4 98	58 78	6.5 lt. edge asphalt pave	
			6 00	57 76	22' lt. bot. bk, dirt	
			4 70	59 06	38' lt. tp. bk, dirt	
			6 00	57 76	42' lt. bot. drainage ditch, dirt	
			2 60	61 16	56° Lt tp bnk	
79+00			4 84	58 92		℄
			5 03	58 73		25' rt. asphalt pave
			5 50	58 26		50' rt. asphalt pave
			4 70	59 06	16.5 lt. edge asphalt pave	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. ____ F. B. 1959 Pg. 89
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLAIR Date 10-21-54
No. ____ Date ____ Date ____ Map No. ____ Inspected C. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.		
79+00		63 757	5 30	[illegible] 46	20' lt. bot. bk, dirt	
			2 30	[illegible] 46	34' lt. tp. bk., dirt	
			2 10	[illegible] 66	43' lt. tp. bk, dirt	
			5 10	58 66	48' lt. bot. ditch, dirt	
			2 40	[illegible] 36	58' Lt tp bnk	
80+00			4 19	[illegible] 57		℄ storm drain
			4 49	[illegible] 27		8° rt edge blacktop
			4 10	[illegible] 66		25° rt broken up
			5 70	[illegible] 06		50° rt " "
			4 42	[illegible] 34	22° Lt edge blacktop	
			4 40	[illegible] 36	34° Lt bt bnk	
			3 00	[illegible] 76	46.5 Lt. tp. bnk	
			4 90	[illegible] 86	53° Lt. bot. ditch	
			2 50	[illegible] 26	60° Lt tp bnk	
T.P	3132	62 777	4 112	[illegible] 645		
80+13			3 24	[illegible] 74		℄ storm drain edge blacktop
81+00			4 80	57 98		℄ storm drain
			4 20	58 58		20° rt
			4 50	58 28		50° rt
			5 00	57 78	25° Lt	
			4 60	[illegible] 18	52° Lt. bt bnk	

F. B. 1959 Pg. 60

Job No. 6221.00 Division No. Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd Storm Drain Date Date No.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked X-Sec.

Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
81+00		62.777	170	61.08	63° Lt tp bnk	
81+13.53	BC		490	57.88		℄ storm drain
82+00			570	57.08		℄ storm drain
			580	56.98		25° rt
			590	56.88		50° rt
			540	57.38	25° Lt	
			490	57.88	43° Lt bt bnk	
			160	61.18	51° Lt tp bnk	
83+00			540	57.38		℄ storm drain
			570	57.08		25° rt
			580	56.98		50° rt
			550	57.28	25° Lt	
			500	57.78	46° Lt bt bnk	
			190	60.88	63° tp bnk	
	3.349	64.639	1.487	61.290		
84+00			695	57.69		℄
			690	57.74		25° rt
			700	57.64		50° rt
			640	58.24	25° Lt	
			720	57.44	45° Lt bt ditch	
			400	60.64	54° Lt tp bnk	

Profile Notes Red. _____ Plotted _____ Job No. 6221.00 Division No. _____ F. B. 1959 Pg. 61
No. _____ Date _____ Date _____ Survey of Palisades Beach Blvd Storm Drain
X-Sec. Notes Chkd. _____ Checked _____ Survey by F. H. BLANKENSHIP Date 10-21-59
No. _____ Date _____ Date _____ Map No. _____ Rec'd. Johnson Date _____

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STATION	B. S.	H. I.	F. S.	ELEV.		
84+33.47 BC.		64 639	660	[illegible]04		℄ storm drain
			690	[illegible]74		25° rt
			690	[illegible]74		50° rt
			650	[illegible]14	5° Lt bt brk	
			400	[illegible]64	25° Lt edge pave	
			318	[illegible]46	47° Lt ℄ inglewood Blvd.	
BM#128	3421	65 484	2614	62 063 adv elev. [illegible]25	BM#128 Elev 62.063 FB 1922-23	
84+46.50			1964	45 84	S. 1340, 100, 524, 1964 / N 1351, 100, 525, 1976 — meas diam rod.	11° Lt S.M.H. 12" inlet south
			1976	45 72		12" outlet North
84+60°			624	5[illegible]24	℄ storm drain edge pave	
84+74.95 Ex			673	58 75	℄ storm drain - 2° W ℄ inglewood	
85+16.44 EC			800	57 48	℄ storm drain	
			817	57 31		12° rt edge pave
			760	57 88		27° rt PL ?
			803	57 45	8° Lt edge pave	
			790	57 58	19° Lt bt brk	
			710	58 38	23° Lt tp brk	
0+50 South			423	61 25	℄ storm	prod So. Pl. 0+00 south
			437	61 11		8° rt edge pave
			449	60 99		23° rt PL.
			470	60 78	16° Left edge pave tp bnk	

F. B. 1959 Pg. 62 Job No. 6221.00 Division No. Notes Red. Plotted No. Profile
Survey of Manhattan Beach Blvd Storm Drain Date Date X-Sec.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+50.50		65484	7.50	57.98	30° lt bt brk	
0+89.5 S.			374	61.74	top 1st rail	
0+92° S.			371	61.77	℄ tracks	
			373	61.75		11° rt edge pave ℄ tracks
			410	61.38		15 rt ℄ track
			430	61.18		30° rt ℄ track
			395	61.53	21° Lt edge pave ℄ track	
			410	61.38	21.5 Lt ℄ tracks	
			420	61.28	40° Lt	
0+95° S.			372	61.76		top 3rd rail
0+96.5 S			371	61.77		℄ storm drain prod. S.
			391	61.57	16° Lt edge pave	
			430	61.18	20° Lt tp bnk	
			800	57.48	24.5 Lt bt ditch at culvert under track	
			480	60.68	37° Lt tp bnk	
1+00° S			369	61.79		℄ storm drain prod.
			389	61.59		8° rt edge pave
			380	61.68		11° rt tp bnk
			700	58.48		31° rt bt bnk
1+32° S			430	61.28		℄ storm drain prod.
			442	61.06	13° Lt edge pave	

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

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

Plotted ____ Date ____ Checked ____ Date ____

Job No. 622100 Division No. ____
Survey of Manhattan Beach Blvd Storm Drain
Survey by F. H. BLANCHARD Date 10-21-54
Map No. ____ Date ____

F. B. 1917 Pg. 63

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+32° S		65 [illegible]	4 20	6[illegible] 28	20.5 Lt tp bnk	
			8 00	57 48	25° Lt bt bnk Culvert	
			4 50	60 98	31° Lt tp bnk	
1+50° S			4 77	60 71		℄ storm drain prod.
			5 01	60 47		8° rt edge pave
			4 90	60 58		20° Rt tp bnk
			7 60	57 88		36.5 rt bt bnk
			18 24	47 24	W 12.50 S 12.35 E 12.50 meas	8" stub dead blank West 13° rt S.M.H
			18 46	47 02	67 1.00 1.00 diam; 5.07 5.11 5.07 rod.	12" inlet south
					18.24 18.46 18.57	
			18 57	46 91		12" outlet East
			5 60	60 48	12.5 Lt edge pave	
			4 90	60 58	18° Lt brk	
			4 30	61 18	21° Lt tp brk	
			4 60	60 88	27° Lt tp bnk	
			7 70	57 78	31.5 Lt bt ditch 4° wide	
			4 10	61 38	39° Lt tp bnk.	
			18 28	[illegible] 20	S 12.54 W 12.76 N 12.92 meas	8" blank stub south. Lt S.M.H.
			18 81	[illegible] 67	.67 1.00 1.00 diam; 5.07 5.05 5.02 rod	12" inlet west
					18.28 18.81 18.94	
			18 94	[illegible] 54		12" outlet North
85+71.33	BC		8 29	5[illegible] 19		℄ Storm drain
			8 43	5[illegible] 05		12° rt edge pave

F. B. 1959 Pg. 64 Job No. 6221.06 Division No. Notes Red. Plotted No. Profile
Survey of Manhattan Beach Blvd Storm Drain Date Date X-Sec.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked No.
Indexed C. Johnson Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
85+71.33	BC	65 484	7 98	57 50		27° rt. PL
			8 34	57 14	8° Lt edge pave	
			8 20	57 28	13° Lt bt brk	
			7 20	58 28	21° Lt tp brk	
			7 20	58 28	23° Lt PL	
86+12 81	Ex		8 60	56 88		
86+25°			8 70	56 78		℄ Storm drain bt bnk
86+35°			7 40	58 08		℄ " " tp bnk
86+54.30	EC		7 80	57 68		℄ storm drain
			7 80	57 68		22° rt tp bnk
			8 90	56 58		28° rt bt bnk
			8 00	57 48	25° Lt.	
			7 80	57 68	50° Lt.	
0+50° N.			8 56	56 92	℄ storm drain prod north PL 0+00 North	
			8 72	56 76		11° rt edge pave
			9 10	56 38		15° rt. gut (dirt)
			8 30	57 18		27° rt PL ?
			8 64	56 84	9° Lt edge pave	
			8 90	56 58	14° Lt gut bt bnk	
			7 70	57 78	19° Lt tp bnk	
			7 50	57 98	23° Lt PL	

Profile Notes Red. Plotted Job No. 6221.00 Division No.
No. Date Date Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. Checked Survey by F. H. BLAIN Notes Date 10-[illegible]-54
No. Date Date Map No. Indexed Date

F. B. 1959 Pg. 65

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+50° N		65 484	8 80	56 64	℄ storm drain	prod north
			8 99	56 49		10° rt edge pave
			9 44	56 04		19° rt gut
			8 60	56 88		21° rt tp brk
			8 30	57 18		27° rt PL
			9 02	56 46	8° Lt edge pave	
			10 10	55 38	14° Lt gut	
			8 90	56 58	20° Lt tp brk	
			9 00	56 48	23° Lt P.L.	
T.P.	1 522	63 584	3 422	62 062		
T.P.	4 045	62 028	5 601	57 983		
87+00			5 70	56 32		℄ storm drain
88+00			5 50	56 52		℄ " "
89+00			5 50	56 52		℄ " "
			5 40	56 62		25° rt
			5 50	56 52		50° rt
			5 30	56 72	15° Lt brk	
			6 00	56 02	26° Lt brk	
			5 80	56 22	38° Lt brk	
			3 00	59 03	60° Lt tp brk	
90+00			5 20	56 83		℄ storm drain

F. B. 1959 Pg. 66 Job No. 6221.00 Division No. Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd Storm Drain Date Date No.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
91+00		62.028	4.90	57.13		℄ storm drain
T.P.	5.401	62.765	4.664	57.364		
92+00			5.20	57.56		℄ storm drain
			5.40	57.36		25° rt
			5.30	57.46		50° rt
			5.20	57.56	25° Lt	
			5.30	57.46	50° Lt	
93+00			4.60	58.16		℄ storm drain
94+00			5.10	57.66		℄ storm drain
94+	BC		5.30	57.46		℄ storm drain
94+	PRC		5.30	57.46		℄ storm drain
95+	EC		5.40	57.36		℄ storm drain
			5.30	57.46		25° rt
			5.40	57.36		50° rt
			5.40	57.36	25° Lt	
			5.30	57.46	50° Lt	
T.P.	4.941	62.409	5.297	57.468		
96+00			4.40	58.01		℄ storm drain
97+00			4.40	58.01		℄ " "
98+00			4.40	58.01		℄
			4.50	57.91		25° rt

Profile Notes Red. ____ Plotted ____ Job No. 6221.02 Division No. ____
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANCHARD
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____ Date 10-25-54

F. B. 1997 Pg. 67

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
98+00		62 409	4 30	58 11		50° rt
			4 50	57 91	25° Lt.	
			4 60	57 81	50° Lt.	
99+00			4 3	58 11		℄ storm drain
T.P.	5 040	63 127	4 322	58 087		" "
100+00			4 80	58 32		℄ " "
101+00			4 60	58 52		℄ " "
			4 80	58 32		25° rt
			4 70	58 42		50° rt
			4 70	58 42	25° Lt	
			5 00	58 12	50° Lt.	
102+00			4 40	58 72		℄ storm drain
102+	BC		4 50	58 63		℄ storm drain
103+	PRC		4 20	58 93		℄ " "
103+90.04 EC			4 10	59 03		℄ " "
			4 20	58 93		25° rt
			4 10	59 03		50° rt.
			3 60	59 53	20° Lt bt bnk	
			2 40	60 73	28° Lt tp bnk	
			2 90	60 23	37° Lt bt bnk	
			3 10	60 03	50° Lt	

F. B. 1959 Pg. 68

Job No. 6221.00 Division No. Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd Storm Drain Date Date No. X-Sec.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked

Indexed C. Johnson Date Date Date No.

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM#KV-26		63 127	1 571	61 556		
BM#KV-26	3311	64 810		61 499	BM#KV-26 Elev 61.499 FB 1922-22	
104+09°			5 40	59 41		bt bnk
+17°			4 20	60 61		tp bnk
+32°			5 30	59 51		bt bnk
+50			5 20	59 61		
			5 20	59 61		20° rt bt bnk
			4 30	60 51		34.5 rt tp bnk
			5 60	59 21		43° rt bot bnk
			5 70	59 11		50° rt
105+00			5 20	59 61		℄ storm drain edge ditch
106+00			5 20	59 61		℄ storm drain
			5 20	59 61		25° rt
			5 00	59 81		50° rt.
			6 20	58 61	12° Lt bt ditch	
			4 60	60 21	33.5 Lt tp ditch	
			4 70	60 11	50° Lt	
106+28			6 10	58 71		℄ storm drain and ditch
106+70			4 90	59 91		So edge ditch
107+00			4 80	60 01		℄ storm drain
			4 60	60 21		14° rt tp ditch

Profile Notes Red. ____ Plotted ____ Job No. 622100 Division No. ____ F. B. 1959 Pg. 69
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANCHARD Date 10-25-54
No. ____ Date ____ Date ____ Map No. ____ Indexed J. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
107+00		64 810	6 20	58 61		33° rt bt ditch
			4 70	60 11		54° rt tp ditch
			5 00	59 81		65° rt
108+00			4 10	60 71		℄ storm drain
T.P.	5 408	66 276	3 942	60 868		
109+00			5 20	61 07		℄ storm drain
			5 70	60 57		25° rt.
			6 10	60 17		50° rt
			4 70	61 57	25° Lt	
			3 90	62 37	50° Lt	
110+00			4 90	61 37		℄ storm drain
111+00			4 60	61 67		℄ storm drain
112+00			3 30	62 97		℄ " "
			4 10	62 17		25° rt.
			5 00	61 27		50° rt.
			2 70	63 57	25° Lt	
			1 40	64 87	50° Lt	
T.P.	5 095	68 830	2 541	63 735		
113+00			4 70	64 13		℄ storm drain
BC 113+07 88			4 70	64 13		℄ " "
			5 70	63 13		25° rt

F. S. 1959 Pg. 70

Job No. 6221.00 Division No. Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd Storm Drain Date Date No.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked X-Sec.

Indexed L. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		This is a separate run along Manhattan Blvd. for some M.H. we missed				
B.M.# KV-32	6 022	63 623		57 601	BM# KV-32 Elev 57.601 FB 1922-25	
63+41.5			13 21	50 41	19'/t. S.M.H. 8" W. outlet	5.23 Rod w. rim, 7.31 Meas., .67 Diam. 13.21
64+06.5			16 88	46 74	30'/t. M.W.D.M.H.	4.93 Rod w. rim, 11.95 Meas. 16.88
65+83.5			15 54	48 08	19'/t. S.M.H. 8" E. inlet	6.45 Rod E. rim, 8.42 Meas., .67 Diam. 15.54
			15 64	47 98	19'/t. S.M.H. 8" W. outlet	7.66 Rod w. rim, 7.31 Meas., .67 Diam. 15.64
T.P.	4 328	61 603	6 348	57 275		
68+56.5			14 54	47 06	19'/t. S.M.H. 8" E. inlet	5.87 Rod E. rim, 8.00 Meas., .67 Diam. 14.54
			14 56	47 04	19'/t. S.M.H. 8" W. outlet	5.87 Rod w. rim, 8.02 Meas., .67 Diam. 14.56
T.P.	5 179	60 841	5 941	55 662		
T.P.	5 862	61 512	5 191	55 650		
73+83.5			13 99	47 52	19'/t. S.M.H. 8" E. outlet	5.57 Rod E. rim, 7.75 Meas., .67 Diam. 13.99
			13 79	47 72	19'/t. S.M.H. 8" W. inlet	5.53 Rod w. rim, 7.59 Meas., .67 Diam. 13.79
T.P.	6 450	62 782	5 180	56 332		
76+32.0			13 59	49 19	19'/t. S.M.H. 8" E. outlet	5.57 Rod E. rim, 7.35 Meas., .67 Diam. 13.59
B.M.# 127			3 489	59 293	BM# 127 Elev 59.263	FB 1922-24

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of Manhattan Beach Blvd. Storm Drain
Survey by [illegible] Notes [illegible] Date 10-21-54
Map No. ____ Date ____ Date ____ Date ____

F. B. 1959 Pg. 71

F. B. 1959 PG. 72 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD | Notes Chkd. | Checked | X-Sec.

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

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

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
BC 113+07.88		68 830	670	62 13		50° rt
			400	64 43	25° Lt	
			360	65 23	50° Lt	
113+64°			660	62 23		℄ storm drain
			530	63 53	25° Lt	
			370	65 13	50° Lt	
113+97°			680	62 03	edge pave	℄ storm drain; gut
114+00			659	62 24		℄
BM #KV-25	1 024		0933	67 897		
BM KV-25	1 024	68 926		67 902	BM #KV-25 ELEV 67.902 FB 1922-21	
114+12.88			639	62 53	int. storm drain	℄ Compton Blvd 0+00 E & W.
0+50 E			685	62 07		℄ Compton E
			720	61 72		10.5 rt edge pave
			730	61 62		13° rt. gut (dirt)
			690	62 02		16° rt tp bnk
			670	62 22		30° rt
			708	61 84	8° Lt edge pave	
			730	61 62	12° Lt gut dirt	
			650	62 42	16.5 Lt tp bnk	
			700	61 92	30° Lt	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. ____ F. B. 1959 Pg. 73
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANCHARD Date 10-22-54
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+00 E		68926	730	61 62		℄ Compton Blvd E
			762	61 30		10° rt edge pave & gut
			640	62 52		15° rt tp bnk
			650	62 42		30° rt
			762	61 30	8° Lt edge pave	
			790	61 02	12° Lt gut	
			690	62 02	21° Lt tp bnk	
			750	61 42	30° Lt	
1+50 E			766	61 26		℄ Compton Blvd E
			791	61 01		10° rt edge pave & gut
			720	61 72		16° rt tp bnk
			740	61 52		30° rt
			794	60 98	8° Lt edge pave	
			820	60 72	13° Lt gut	
			760	61 32	21° Lt tp bnk	
			820	60 72	30° Lt	
0+50 W			615	62 77		℄ Compton Blvd W
			635	62 57		8° rt edge pave
			680	62 12		13° rt gut
			560	63 32		19° Lt tp bnk
			600	62 92		30° rt

F. B. 1959 Pg. 74
Job No. 6221.00 Division No. Notes Red. Plotted No. Profile
Survey of Manhattan Beach Blvd Storm Drain Date Date X-Sec.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+50 W		68 926	6 57	6 235	10° Lt edge pave & gut	
			6 10	6 282	16.5 Lt tp bnk	
			6 10	6 282	30° Lt.	
1+00 W			5 69	6 323		℄ Compton Blvd. W
			5 92	6 300		8.5 rt edge pave
			6 30	6 262		13.5 rt gut
			5 60	6 332		18° rt tp bnk
			5 20	6 372		30° rt
			6 12	6 280	10° Lt edge pave & gut	
			5 70	6 322	16° Lt tp bnk	
			6 00	6 292	30° Lt	
1+50 W			4 84	6 408		℄ Compton Blvd. W.
			5 10	6 382		9.5 Lt edge pave
			5 64	6 328		14° rt gut.
			4 90	6 402		19° rt tp bnk
			4 50	6 442		30° rt.
			5 18	6 374	10° Lt edge of pave	
			5 40	6 352	13° Lt gut	
			5 00	6 392	19° Lt tp bnk	
			4 90	6 402	30° Lt	
114 +27.5			6 61	6 231	edge pave	

Profile Notes Red. ____ Plotted ____ Job No. 6221/110 Division No. ____ F. B. 1959 Pg. 75
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLOOMBERG Notes ____ Date 10-25-54
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
114+33		68 926	6 60	62 32	℄ storm drain ℄	gut
114+40			5 90	63 02	℄ storm drain ℄	tp bnk
114+82			5 90	63 02	℄ storm drain	℄ brk
115+17.89	℄ pt		7 30	61 62	℄ storm drain	angle pt.
			8 00	60 92	sections at rt angles to line ahead	25° rt
			8 30	60 62		45° rt tp bnk
			9 40	59 52		62° rt bt ditch
			8 30	60 62		75° rt tp bnk
			8 30	66 62		85° rt
			5 90	63 02	25° Lt	
			5 00	63 92	50° Lt.	
T.P.	4930	67 792	6 064	62 862		
115+83			7 10	60 69		℄ storm drain tp bnk
116+00			7 80	59 99		℄ storm drain
116+03			8 10	59 69		℄ " " bt ditch
116+18			7 10	60 69		℄ " " tp ditch
117+00			6 40	61 39		℄ storm drain
118+00			5 50	62 29		℄ storm drain
			5 70	62 09		25° rt
			5 70	62 09		50° rt
			5 40	62 39	25° Lt	

F. B. 1959 Pg. 76

Job No. 6221.00 Division No. ____ Notes Red. ____ Plotted ____ Profile

Survey of Manhattan Beach Blvd Storm Drain Date ____ Date ____ No. ____

Survey by F. H. BLANCHARD Notes ____ Notes Chkd. ____ Checked ____ X-Sec.

Indexed A. C. Johnson Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
118+00		67.792	550	62 29	50° Lt.	
119+00			420	63 59		℄ storm drain
120+00			300	64 79		℄ storm drain
T.P.	6 503	71 916	2379	65 413		
121+00			650	65 41		℄ storm drain
			670	65 21		25° rt.
			690	65 01		50° rt.
			620	65 71	25° Lt	
			600	65 91	50 Lt.	
122+00			480	67 11		℄ storm drain
123+00			350	68 41		℄ storm drain
BM #KV-23			0701	71 215		
BM #KV-23	3 780	75 009		71 229	BM #KV-23 ELEV 71.229 FB 1922-20	
124+00			560	69 41		℄ storm drain
			550	69 51		25° rt
			570	69 31		50° rt
			510	69 91	25° Lt	
			480	70 21	50° Lt	
125+00			470	70 31		℄ storm drain
126+00			450	70 51		℄ storm drain
T.P.	5312	75 906	4415	70 594		

Profile Notes Red. ____ Plotted ____ Job No. 622100 Division No. ____
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. Blanchard Date 10-25-54
No. ____ Date ____ Date ____ Map No. ____ Inspector C. Johnson Date ____

F. B. 1959 Pg. 77

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
127+00		75906	500	7091		℄ storm drain
			500	7091		25° rt
			500	7091		50° rt
			500	7091	25° Lt	
			530	7061	50° Lt.	
128+00			440	7151		℄ storm drain
129+00			360	7231		℄ storm drain
T.P.	4568	76933	3541	72365		
130+00			470	7223		℄ storm drain
			530	7163		25° rt
			580	7113		50° rt
			460	7233	25° Lt	
			460	7233	50° Lt	
130+99.16 INT			750	6943		℄ storm drain
132+00			860	6833		℄ storm drain
BM#KV-22			7068	69865		
BM#KV-22	5470	75336		69866	BM#KV-22 ELEV. 69.866	FB 1922-20
133+00			680	6853		℄ storm drain
			680	6853		25° rt
			640	6893		50° rt
			680	6853	25° Lt	

F. B. 1959 Pg. 78

Job No. 6221.00 Division No. Notes Red. Plotted Profile No.

Survey of Manhattan Beach Blvd SD. Date Date X-Sec.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked

Indexed R. C. Johnson Date Date Date No.

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
133+00		75.336	7.00	68.34	50° Lt.	
134+00			5.30	70.03		℄ storm drain
135+00			4.60	70.73		℄ storm drain
136+00			2.80	72.53		℄ storm drain
			2.70	72.63		25° rt
			2.80	72.53		50° rt
			3.00	72.34	25° Lt	
			3.20	72.13	50° Lt	
T.P.	8.401	81.031	2.706	72.630		
137+00			6.90	74.13		℄ storm drain
138+00			4.60	76.43		℄ storm drain
138+41°			4.30	76.73	℄ storm drain ℄ tp bnk.	
138+52.5			4.70	76.33	℄ " " ℄ edge pave ℄ gut.	
138+64.70 int			4.33	76.70	℄ storm drain ℄	℄ 146th St.
0+50E			4.94	76.09		℄ 146th St.
			5.22	75.81		9° rt. edge pave ℄ gut.
			4.40	76.63		17° rt. tp bK.
			4.90	76.13		20° rt. P.L.
			5.39	75.64	8° Lt. edge pave	
			5.60	75.43	10° Lt. gut.	
			5.00	76.03	14° Lt. tp bK	

Profile Notes Red ____ Plotted ____ Job No. 622103 Division No. ____
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANCHARD
No. ____ Date ____ Date ____ Map No. ____ Noted J. Johnson Date 10-25-59

F. B. 1959 Pg. 79

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+50 E		81 031	4 90	76 13	20° Lt. P.L.	
1+00 E			5 55	75 48		℄ 146th St.
			5 98	75 05		9.5 rt. edge pave
			6 10	74 93		11.5 rt. gut.
			5 80	75 23		14° rt. tp. bk.
			5 80	75 23		20° rt. P.L.
			5 80	75 23	7.5 Lt. edge pave	
			6 00	75 03	9.5 Lt. gut.	
			5 60	75 43	15° Lt. tp. bk.	
			5 50	75 53	20° Lt. P.L.	
1+50 E			6 08	74 95		℄ 146th St.
			6 34	74 69		8° rt. edge pave
			6 60	74 43		11° rt. gut.
			6 20	74 83		13.5 rt. tp. bk.
			6 20	74 83		20° rt. P.L.
			6 43	74 60	8° Lt. edge pave	
			6 60	74 43	10.5 Lt. gut.	
			6 20	74 83	15° Lt. tp. bk.	
			6 20	74 83	20° Lt. P.L.	
0+50 W			3 76	77 27		℄ 146th St.
			4 23	76 80		10° rt. edge pave

F. B. 1959 Pg. 80

Job No. 6221.00 Division No. Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd Storm Drain Date Date No.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked X-Sec.

Indexed R. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+50W		81 031	4 30	76 73		11° rt. gut
			3 60	77 43		16° rt. tp. bk
			3 50	77 53		20° rt P.L.
			3 93	77 10	7° Lt. edge pave & gut.	
			3 10	77 93	14° Lt. tp. bk.	
			3 00	78 03	20° Lt. P.L.	
BM# KV-21			2 461	78 570		
B.M.# KV-21	5 384	83 968		78 584	BM# KV-21 ELEV 78.584 FB1922-19	
138+77.2			7 48	76 49	℄ storm drain & edge pave	
138+82°			7 70	76 27	℄ storm drain ℄	gut.
138+89°			7 10	76 87	℄ storm drain ℄	tp bnk
BC. 139+40.18			6 10	77 87		℄ Storm drain
			5 98	77 99	14' rt on cond and edge house	
			6 10	77 87	26° Lt tp bnk	
			7 00	76 97	32° Lt gut.	
			6 83	77 14	33° Lt edge pave	
			6 52	77 45	42° Lt centepave on 151S ST	
			6 52	77 45	48° Lt W. edge pave	
			6 30	77 67	55° Lt bt bnk	
			5 20	78 77	63° Lt tp bnk	
			5 20	78 77	70° Lt	

Profile Notes Red. _____ Plotted _____ Job No. 6221.06 Division No. _____ F. B. 1959 Pg. 81
No. _____ Date _____ Date _____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. _____ Checked _____ Survey by F. H. BLANCHARD Date 10-27-54
No. _____ Date _____ Date _____ Map No. _____ Indexed P. Johnson Date _____

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STATION	B. S.	H. I.	F. S.	ELEV.		
139+75.36		83 968	6 10	77 87	℄ storm drain	℄ tp bnk
139+84.36			6 80	77 17	℄ " "	℄ gut
+97.36			6 70	77 27	℄ " "	edge pave
140+02.18			6 46	77 51	℄ " "	Ex ℄ center pave
140+09.0			6 60	77 37	℄ " "	edge pave
140+19.0			6 80	77 17	℄ " "	gut & bt bnk
+27.0			5 90	78 07	℄ " "	tp bnk
+64.54 EC			6 10	77 87	℄ " "	
			6 40	77 56		3° rt tp bnk
			7 10	76 87		7° rt bt bnt gut
			6 86	77 11		11.5 rt edge pave
			6 86	77 11		17° rt center pave
			7 11	76 86		23° rt east edge pave
			7 20	76 97		24° rt gut
			6 70	77 27		28° rt tp bnk
			6 80	77 17		37.5 rt P.L.
			6 10	77 87	25° Lt	
			6 00	77 97	50° Lt	
T.P.	5 219	82 318	6 869	77 099		
141+00			4 80	77 52		℄ storm drain
142+00			5 10	77 22		℄ storm drain

F. B. 1959 Pg. 82

Job No. 6221.00 Division No. Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd Storm Drain Date Date No. X-Sec.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked

Indexed R. C. Johnson Date Date Date No.

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
142+00		82 318	5 30	77 02		3° rt tp bnk
			5 90	76 42		7° rt bt bnk & gut
			5 60	76 72		10° rt ew edge pave
			5 53	76 79		16° rt center pave
			5 75	76 57		23° rt E edge pave
			5 70	76 62		30° rt bt bnk
			5 30	76 02		32° rt tp bnk
			4 80	77 52		37° rt P.C.
			5 20	77 12	25° Lt	
			5 30	77 02	50° Lt.	
142+33.5 or 0+47.5 E	int		5 10	77 22	int & storm drain	℄ 145th St 0+00 E
			5 55	76 77	10° E of	P.C. ℄ 145th St.
			5 83	76 49		9° rt edge pave
			5 90	76 42		10° rt gut.
			5 00	77 31		25° P.C.
			5 74	76 57	9° Lt	
			5 60	76 71	16° Lt gut bt bnk	
			5 00	77 37	20° Lt tp bnk	
			5 00	77 32	25° Lt P.C.	
0+87.5 E			5 61	76 71		℄ 145th St E
			5 95	76 37		10° rt edge pave

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6221.00 Division No. ____ F. B. 1959 Pg. 83
X-Sec. No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by F. H. Blount Notes ____ Date 10-27-59
Map No. ____ Date ____ Map No. ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+87.5 E		82 318	6 00	76 32		11.5 rt gut
			5 40	76 92		25.0 rt P.L.
			5 89	76 43	10.0 Lt edge pave	
			6 10	76 32	15.0 Lt gut.	
			5 00	77 32	19.0 Lt tp bnk	
			4 80	77 52	25.0 Lt P.L.	
1+87.5 E			6 26	76 06		℄ 145th St.
			6 57	75 75		9.0 rt edge pave
			6 80	75 52		11.0 rt gut.
			6 00	76 32		25.0 rt P.L.
			6 59	75 73	9.0 Lt edge pave.	
			6 60	75 72	10.5 Lt gut	
			5 90	76 42	25.0 Lt P.L.	
142+68.52			4 80	77 52	10.0 north of P.L.	℄ Stormdrain
			5 00	77 32		3.5 rt tp bnk
			5 70	76 62		6.5 rt bt bnk gut
			5 40	76 92		10.0 rt edge pave.
			5 37	76 95		18.0 rt center Tsis
			5 63	76 69		25.0 rt edge pave
			5 70	76 62		26.0 rt gut
			4 90	77 42		37.5 rt P.L.

F. B. 1959 PG. 84

Job No. 6221.00 Division No. Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd & Storm Drain Date Date No.

Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked X-Sec.

Indexed R. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
142+68.52		82318	470	77 62	26° Lt	
			500	77 32	50° Lt	
BMKU-20			3361	78 957		
BM#KU-20	5881	84842		78 961	BM#KU-20 ELEV 78.961 FB1922-19	
143+00			680	78 04		℄ storm drain
144+00			580	79 04		
			600	78 84		4° rt tp bnk
			742	77 42		10° rt bt bnk gut edge pave.
			745	77 39		16.5 rt center Esis pave
			777	77 07		23.5 rt edge pave
			680	78 04		28° rt tp bnk
			710	77 74		37.5 rt P.L
			520	79 64	25° Lt	
			540	79 44	50° Lt	
144+93.5			510	79 74	10° back of P.L.	℄ storm drain
			520	79 64		4° rt tp bnk
			727	77 57		11.5 rt bt bnk gut edge pave
			731	77 53		17° rt center paved road
			752	77 32		22.5 rt edge pave
			690	77 94		27° rt tp bnk
			690	77 94		37.5 rt P.L

Profile Notes Red. ____ Plotted ____ Job No. 6221100 Division No. ____ F.B. 1959 Pg. 85
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by F. H. BLANCHARD Notes ____ Date 10-27-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
144+93 L		84.842	4.10	80.74	25° Lt	
			4.30	80.54	50° Lt	
145+00			5.00	79.84		℄ Storm drain
145+28.43 int			5.10	79.74	℄ storm drain ℄ 144th St.	
0+47.5 E			7.71	77.13		℄ 144th St.
			7.91	76.93		9° rt edge pave
			8.00	76.84		11° rt gut bt bnk
			6.90	77.94		17° rt tp bnk
			6.80	78.04		25° rt P.L.
			8.00	76.84	9° Lt edge pave	
			8.20	76.64	11° Lt gut bt bnk	
			7.30	77.54	16° Lt tp bnk	
			7.20	77.64	25° Lt	
0+87.5			8.20	76.64		℄ 144th St
			8.56	76.38		10° rt edge pave
			8.90	75.94		12° rt gut bt bnk
			8.10	76.74		15° rt tp bnk
			8.10	76.74		25° rt P.L.
			8.50	76.34	9° Lt edge pave	
			8.70	76.14	11° Lt gut & bt bk	
			8.10	76.74	13° Lt tp bnk	

F. B. 1959 Pg. 86 Job No. 622100 Division No. Notes Red. Plotted Profile No.
Survey of Manhattan Beach Blvd Storm Drain Date Date X-Sec. No.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked No.
Indexed L. C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+87.5 E		84.842	7.80	77.04	25° Lt	
1+87.5 E			8.70	76.12		℄ 144th st
			8.92	75.92		8° rt edge pave
			9.40	75.44		16° rt tp bnk
			10.00	74.84		22° rt bt bnk
			10.00	74.84		25° rt P.L.
			8.93	75.91	9° Lt edge pave	
			9.30	75.54	12.5 Lt gut	
			9.00	75.84	15° Lt tp bnk	
			9.10	75.74	25° Lt P.L.	
145+63.5			5.20	79.64		℄ drain
			5.50	79.34		5° rt. tp. bnk.
			7.11	77.73		12° rt. bt. bnk & edge pave
			7.24	77.60		17° rt. cent. pave
			7.78	77.06		25° rt. edge pave
			8.00	76.84		26° rt. gut.
			7.20	77.64		30° rt. tp. bnk
			7.10	77.74		37.5 rt. P.L.
			4.00	80.84	25° Lt.	
			4.20	80.64	50° Lt.	
B.M. #KV-19			7.145	77.697	BM #KV-19 ELEV. 77.683	FB 1922-19

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Date ____ Job No. 6221.04 Division No. ____ Survey of Manhattan Beach Blvd Storm Drain

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ Survey by F. H. BLANCHARD Notes ____ Date 10-27-54

Map No. ____ Date ____ Indexed C. Johnson Date ____

F. B. 1909 Pg. 87

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. #KV-19	6 783	84 466		77 683	BM #KV-19 ELEV. 77.683 FB 1922-19	
146+00			4 80	79 67		℄
146+50			5 30	79 17		℄
			5 30	79 17		6° rt. tp. bnk.
			6 90	77 57		10° rt. bt. bnk ℄
			6 91	77 56		13° rt. edge pave
			7 02	77 45		18° rt. cent pave
			7 43	77 04		25° rt. edge pave
			7 60	76 97		26° rt. gut.
			7 10	77 37		29° rt. tp. bnk.
			7 20	77 27		37° rt. P.L.
			4 20	80 27	25° Lt.	
			4 0	80 47	50° Lt.	
147+00			5 80	78 67		℄
148+00			6 50	77 97		℄
T.P.	6 116	83 380	7 202	77 264		
148+54.47			5 10	78 28	10° back P.L.	℄ storm drain
			5 36	78 02		12° rt edge pave
			5 46	77 92		18° rt center pave
			5 86	77 52		24° rt edge pave
			6 30	77 08		28° rt gut.

F. B. 1959 Pg. 88
Job No. 622100 Division No. Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd Storm Drain Date Date No.
Survey by F. H. BLANCHARD Notes F. H. BLANCHARD Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
148+54 47		83380	570	7768		32° rt tp brk
			546	7798		37.5 rt P.L
			490	7848	25° Lt	
			390	7948	50° Lt	
148+76			512	7826	w. edge headwall	24.5 rt tp bnk
			631	7707	flow line of culvert	28° rt center culvert
			500	7838		32.5 rt tp bnk
148+78.47			490	7848		gut
148 +79 47			477	7861		edge of apron
148+84 47			446	7892		S. edge of conc road
148+94 47			437	7901		℄ Rosecrans Ave
0+47.5 E			474	7864		℄ Rosecrans
			480	7858		10° rt edge pave
			525	7813		18° rt gut
			523	7815		30° rt P.L
			490	7848	10° Lt edge conc pave	
			465	7873	23° Lt middle blacktop	
			470	7868	40° Lt edge blacktop. & gut.	
0+80.5 E			474	7864		℄ Rosecrans Ave brk
			487	7851		10° rt edge conc.
			524	7814		16° rt gut

Profile Notes Red. ____ Plotted ____ Job No. 6224WO Division No. ____ F.B. 1959 Pg. 89
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by Blanchard Notes FHB Date 10-27-54
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+80.5 E		83 380	5 38	78 00		30° rt PL
			4 86	78 52	10° Lt edge conc	
			5 00	78 38	14° Lt gut.	
			4 60	78 78	30° Lt PL	
1+80.5 E			3 66	79 72		℄ Rosecrans Ave
			3 72	79 66		10° rt edge pave
			3 99	79 39		14° rt edge apron
			4 30	79 08		16° rt gut.
			5 20	78 18		30° rt PL
			3 76	79 62	10° Lt edge conc.	
			4 03	79 35	15° Lt edge apron bt bnk & gut	
			2 40	80 98	20° Lt tp bn K	
			2 90	80 48	30° Lt PL	
T.P.	10 221	89 932	3 669	79 711		
0+32.5 W			10 20	79 73		℄ Rosecrans Ave.
			10 35	79 58		10° rt. edge conc. pave
			10 28	79 65		23° rt. pave.
			10 51	79 42		38° rt. edge pave
			10 34	79 59	10° Lt. edge conc. pave	
			10 65	79 28	15° Lt. edge apron	
			10 8	79 1	16° Lt. gut	

F. B. 1959 PG. 90

Job No. 6221.00 Division No. Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd Storm Drain Date Date No. X-Sec.

Survey by Blanchard Notes Blanchard. Notes Chkd. Checked Date No.

Indexed C. Johnson Date

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+32.5 W		89 932	10 6	79 3	23° Lt. tp. bnk.	
			11 2	78 7	30° Lt. P.L.	
0+72.5 W			9 19	80 74		℄ Rosecrans Ave
			9 32	80 61		10° rt. edge conc. pave
			9 52	80 41		14° rt. edge apron & gut.
			6 3	83 6		30° rt. P.L. & tp bnk.
			9 30	80 63	10° Lt. edge conc. pave	
			9 60	80 33	15° Lt. edge apron	
			10 0	79 9	17° Lt. gut.	
			9 6	80 3	30° Lt. P.L.	
1+72.5 W			5 91	84 02		℄ Rosecrans Ave
			6 02	83 91		10° rt edge conc. pave
			6 34	83 59		15° rt. apron, gut & bt. bnk
			2 5	87 4		24° rt. tp. bnk.
			2 3	87 6		30° rt. P.L.
			6 00	83 93	10° Lt. edge conc. pave	
			6 32	83 61	15° Lt. apron	
			6 5	83 4	16° Lt. gut.	
			5 6	84 3	20° Lt. tp. bnk.	
			5 0	84 9	30° Lt. P.L.	
T.P.	3 683	83 397	10 218	79 714		

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. ____ F. B. 1959 Pg. 91
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by Blanchard Notes EHB Date 10-27-54
No. ____ Date ____ Date ____ Map No. ____ Indexed G. Johnson Date ____

F. B. 1959 Pg. 92 Job No. 622100 Division No. Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd Storm Drain Date Date No.

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

Indexed A. C. Johnson Date / Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. #KV-18		83 397	4 450	78 947	BM#KV-18 ELEV. 78.974 on S. side of Rosecrans Ave at 1st St. spk in lead in center of S. headwall	

F. B. 1959 Pg. 93

Profile No.	Notes Red	Plotted	Job No. 6221.00	Division No.	
	Date	Date	Survey of Manhattan Beach Blvd Storm Drain		
X-Sec. No.	Notes Chkd.	Checked	Survey by Blanchard	Notes FHB	Date 10-28-54
	Date	Date	Map No.	Indexed K. C. Johnson	Date 11-4-54

MANHATTAN BEACH BLVD S.D

BRANCH LINE

— JN 6221.00 —

From Condon Ave west to Inglewood Blvd

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

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781.298 307 8-53

F. B. 1959 Pg. 94

Job No. 622100 Division No. _____ Notes Red. _____ Plotted _____ Date _____ Profile No. _____

Survey of Manhattan Beach Blvd Storm Drain

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

Indexed C. Johnson Date _____

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM#127	6599	65862		59 263	BM#127 ELEV 59.263	at the N.E COR of
					Manhattan Beach Blvd	and SANTA FE RR
					30'± E of RR ℄ 10'±	N of Manhattan Beach Blvd.
					a □ cut on corner of railroad rail	
1+00			785	58 01	begging of line to west	℄ Storm drain
			772	58 14		4° rt ℄ Manhattan Blvd.
			807	57 79		14.5 rt edge pave.
			870	57 16		24° rt edge gut blacktop
			782	58 04		40° rt
			814	57 72	6° Lt. edge pave	
			780	58 06	26° Lt PL	
1+16			736	58 50		℄ storm drain
			753	58 33	6.5 Lt edge pave	
			850	57 36	13° Lt gut begging of ditch.	
			760	58 26	26° Lt. PL	
1+50			597	59 89		℄ storm drain
1+79.5			461	61 25		℄ " "
			457	61 29		4° rt ℄ road
			483	61 03		14.5 rt edge pave
			500	60 86		19.5 rt tp brk
			600	59 86		22° rt brk

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. ____
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Blanchard Notes EHB Date 10-28-54
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F. B. 1959 Pg. 95

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+79.5		65.862	6.66	59.26		28° rt brk
			8.10	57.76		32° rt bt ditch
			7.40	58.46		35° rt tp bnk
1+89.0			4.26	61.60		℄ storm drain
			4.40	61.46	6.5 Lt edge pave	
			4.80	61.06	10° Lt tp bnk	
			8.30	57.56	16° Lt bt ditch & head of culvert West	
			5.30	60.56	22° Lt tp bnk	
			5.10	60.76	26° Lt P.L.	
1+93.5			4.14	61.72		℄ storm drain
			4.24	61.62	6.5 Lt edge pave	
			4.50	61.36	10° Lt brk	
			5.20	60.66	15° Lt brk	
			4.70	61.16	26° Lt P.L.	
2+00			4.04	61.82		℄ storm drain
2+03.5			3.98	61.88		℄ " "
			3.93	61.93		4° rt ℄ road
			4.06	61.80		14° rt edge pave
			4.20	61.66		19° rt tp bnk
			7.70	58.16	4° wide	26° rt bt ditch
			6.30	59.56		32° rt tp bnk

F. B. 1957 Pg. 96 Job No. 622100 Division No. Notes Red. Plotted No. Profile
Survey of Manhattan Beach Blvd Storm Drain Date Date X-Sec.
Survey by Blanchard Notes Blanchard Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
2+07		65862	396	61[illegible]0		℄ storm drain
			406	61.80		14° rt edge pave
			427	61.59		19° rt tp bnk
			700	58.86	bt ditch head of culv	20.5 rt, 4.5 w. d.
			530	60.56		32° rt tp bnk
2+13.5			400	61.86		℄ storm drain
			399	61.87		14.5 rt edge pave
			430	61.56		24° rt PL
			420	61.66		29° rt
2+14.0			402	61.84	℄ storm drain	℄ 1st rail
2+17.0			407	61.79		center RR
2+20.0			422	61.64	℄ " drain	℄ 2nd rail
2+25.0			435	61.51		℄ storm drain
			445	61.41	7° Lt edge pave	
			440	61.46	13.5 lt brk	
			600	59.86	26° Lt PL	
2+31.5			457	61.29		℄ storm drain
			479	61.07	6.5 Lt edge pave	
			510	60.76	13° Lt tp bnk	
			780	58.06	17° Lt bt ditch	w. end culvert
			800	57.86	26° Lt PL	

Profile Notes Red. ____ Plotted ____ Job No. 6721.00 Division No. ____
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by Blanchard Notes FHB Date 10-28-54
No. ____ Date ____ Date ____ Map No. ____ Date ____

F. B. 1959 PG. 97

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+34°		65862	469	61 17		℄ storm drain
			482	[illegible] 04	6.5 Lt edge pave	
			500	60 86	13.5 Lt tp bnk	
			800	57 86	19° Lt bt ditch	
			600	59 86	24.5 Lt tp bnk	
			620	59 66	30° Lt	
2+50			550	60 36		℄ storm drain
			536	60 50		4° rt ℄ road
			510	60 76		14° rt edge pave
			490	60 96		18° rt brk
			550	60 36		24° rt.
			573	60 13	6.5 Lt edge pave	
			566	60 20	14° Lt tp bnk	
			790	57 96	18.5 Lt bt ditch	
			580	60 06	24° Lt tp bnk	
			620	59 66	30° Lt	
2+59°			609	59 77		℄ storm drain
			602	59 84		4° rt ℄ road
			585	60 01		14° rt edge pave
			540	60 46		18° rt
			520	60 66		20° rt

F. B. 1959 PG. 98 Job No. 622100 Division No. Notes Red. Plotted No. Profile
Survey of Manhattan Beach Blvd Storm Drain Date Date X-Sec.
Survey by Blanchard Notes Blanchard Notes Chkd. Checked No.
Indexed R. O. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		65 862	530	60 56		24° rt PL
2+64°			640	59 46		℄ storm drain
			625	59 61		14° rt edge pave
			630	59 56		15.5 rt tp bnk
			760	58 26	W. end culvert	18° rt bt ditch
			470	61 16		24.5 rt tp bnk
			560	60 26		30° rt
2+73°			693	58 93		℄ storm drain
			705	58 81	6.5 Lt edge pave	
			700	58 86	14.5 Lt tp bnk	
			760	58 26	18° rt bt ditch	
			650	59 36	22° Lt tp bnk	
			720	58 66	30° Lt	
2+85°			740	58 46		19° rt gut.
			690	58 96		23° rt end bank
2+93°			747	58 39		℄ storm drain
			744	58 42		4° rt ℄ road
			741	58 45		14° rt edge pave
			750	58 36		19° rt gut
			700	58 86		22.5 rt tp bnk
			730	58 56		30° rt

Profile Notes Red. ____ Plotted ____ Job No. 622600 Division No. ____
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by Blanchard Notes F.H.B. Date 10-28-54
No. ____ Date ____ Date ____ Map No. ____ Edited Johnson Date ____

F. B. 1959 Pg 99

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+93°		65 862	762	58 24	6.5 Lt edge pave	
			750	58 36	19° Lt	
			730	58 56	26° Lt PL	
3+00			752	58 34	westoutlet	℄ storm drain
3+51°			1449	51 37	624 meas 67 diam 758 rod 14.49	9.5 Lt S.S. M.H.
4+00			724	58 62		℄ storm drain
			724	58 62		4° rt ℄ road.
			729	58 57		14° rt edge pave
			748	58 38		18° rt gut
			750	58 36		24° rt PL.
			739	58 47	6.5 Lt edge pave	
			780	58 06	10.5 Lt. gut	
			740	58 46	12.5 Lt tp bnk	
			750	58 36	26° Lt PL	
4+09.5			726	58 60	21° Lt. E. rim 36" Met. Water Dept M.H. 2nd Lid locked.	
T.P.	5 531	64 045	7348	58 514		
5+00			522	58 82		℄ storm drain
5+68			1714	46 90	12.23 meas 49.1 rod. 17.14	17.5 Lt. 36" Met. Water Dept M.H. East rim Elev. bot of box Valve no pipes unsable
6+00			508	58 16		℄ storm drain
6+59			497	59 07		℄ storm drain
			499	59 05		4° rt ℄ road

F. B. 1459 Pg. 100

Job No. 622100 Division No. Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd Storm Drain Date No. X-Sec.

Survey by Blanchard Notes Blanchard Notes Chkd. Checked

Indexed R. O. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
6+59		64 045	527	58 77		14° rt edge pave
			540	58 65		17° rt gut
			500	59 04		24° rt
			510	58 95	7° Lt edge pave	
			506	58 99	10° Lt gut	
			424	59 81	26° Lt PL.	
T.P.	5892	64668	5 269	58 776		
6+85°			548	59 18	south rim Met. Water Dept 36" MH	22° rt 2nd lid locked.
			1412	50 54	807 / 67 / 538 / 14.12 — 827 Meas / 67 diam / 538 rod / 14.32	East inlet 10° Lt SS.MH.
			1432	50 34		South outlet.
6+99³ ±			545	59 21	int storm drain & Inglewood	
0+34° N			553	59 13	10° back PL	℄ inglewood Blvd
			560	59 06		13° rt edge pave
			600	58 66		18° rt gut dirt
			490	59 76		23° rt tp bnk
			500	59 67		30° rt. PL
			569	58 98	12° Lt edge pave	
			560	59 06	19° Lt brk	
			510	59 56	24° Lt tp brk	
			480	59 86	30° Lt PL	
0+47³ N			516	59 50	24° rt west rim Met Water Dept 36" MH	2nd lid locked

Profile Notes Red. ____ Plotted ____ Job No. 6271.00 Division No. ____ F. B. 1959 Pg. 101
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by Blanchard Notes F-HB Date 10-28-54
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		1			25.5 Lt. East rim	
0+47° N		64 668	4 67	60 00	met water Dept 36" MH	2nd Lid Locked
			13 36	51 31	545 8.11	bt of box
0+61.5 N			11 37	53 30	67 525	21° rt M.W.D. 36" MH. w. rim
			11 38	53 29	525 13.36	bt 8" Line N&S
0+73 N			14 88	49 79	11.37 598 meas 1.648 12" pipe	27° Lt M.W.D. 36" M.H.
					100 diam 440	floor elev.
0+74 N			5 70	58 97	440 rod 14.88	℄ Inglewood Blvd
					11.38	
			5 93	58 74		12.5 rt edge pave
			6 00	58 67		16° rt gut
			5 50	59 17		21° rt tp bnk.
			5 30	59 36		30° rt P.L.
			5 80	58 87	10.5 Lt edge pave	
			5 80	58 87	15° Lt gut.	
			4 50	60 17	26° Lt tp bnk	
			4 70	59 97	30°	
1+74° N			5 97	58 70		℄ Inglewood Blvd
			6 60	58 07		11.5 rt edge pave
			6 37	58 30		15° rt gut.
			5 80	58 87		18° rt tp bnk
			6 30	58 36		30° rt P.L.
			6 09	58 58	11° Lt edge pave	
			6 00	58 67	17° Lt gut	
			5 20	59 47	22° Lt tp bnk	
			5 20	59 47	30° Lt P.L.	

F. B. 1959 PG 102

Job No. 6221.00 Division No. ____ Notes Red. ____ Plotted ____ Profile

Survey of Manhattan Beach Blvd Storm Drain Date ____ Date ____ No. ____

Survey by Blanchard Notes Blanchard Notes Chkd. ____ Checked ____ X-Sec.

Indexed C. Johnson Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+36° S		64668	520	5947		℄ Inglewood Blvd So.
			545	5922		12° rt edge pave
			550	5917		15.5 rt gut.
			510	5957		22° rt tp bnk
			500	5967		30° rt P.L
			560	5907	11.5 Lt edge pave	
			561	5906	16° Lt gut	
			475	5992	22° Lt tp bnk	
			472	5995	30° Lt	
0+41° S			1460	5007	W 848 / 67 / 545 — S 850 / 83 / 542 — E 848 / 67 / 544 — N 851 / 100 / 547 — meas diam rod	west inlet 8" 14° rt SSMH
			1475	4992	1460 1475 1459 1498	South inlet 8"
			1459	5008		East inlet 8"
			1498	4969		N. outlet 12"
0+41° S			1446	5021	N 814 / 67 / 565 — S 816 / 67 / 564 — W 817 / 67 / 563	8" inlet North 14.5 Lt SSMH
			1447	5020	1446 1447 1447	8" inlet south
			1447	5020		8" outlet west
0+76°			520	5947		℄ Inglewood Blvd.
			537	5930		11.5 rt edge pave
			490	5977		30° rt PL
			550	5927	11.5 Lt edge pave	
			552	5915	15° Lt gut	

Profile Notes Red. ____ Plotted ____ Job No. 6221.04 Division No. ____
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by Blanchard Notes FH B Date 10-28-54
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 1959 Pg. 103

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F. B. 1997 Pg. 104 Job No. 6221.0 Division No. Notes Red. Plotted
Survey of Manhattan Beach Blvd Storm Drain Date Date No.
Survey by Blanchard Notes Blanchard Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No. Profile

STATION	B. S.	H. I.	F. S.	ELEV.		
0+76 ℄		64 668	4 83	59 84	21° Lt tp bnk	
			4 51	60 16	30° Lt	
1+76 ℄			4 69	59 98		℄ Inglewood Blvd.
			4 82	59 85		11½ Lt
			5 11	59 56		18° rt gut
			4 20	60 47		27° rt tp bnk
			4 20	60 47		30° rt PL
			4 90	59 77	9½ Lt edge pave.	
			5 20	59 47	14½ Lt. gut	
			4 70	59 97	19° Lt tp bnk	
			4 90	59 77	30° Lt P.L.	
0+40 W			5 32	59.35		℄ Manhattan Beach Blvd.
			5 53	59 14		11½ rt edge pave
			5 70	58 97		16° rt gut
			5 40	59 27		18½ rt tp bnk
			5 00	59 67		30° rt P.L.
			5 44	59 23	12° Lt edge pave	
			5 50	59 17	18° Lt gut	
			4 90	59 77	21½ Lt tp bnk	
			5 00	59 67	30° Lt P.L.	

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STATION	B. S.	H. I.	F. S.	ELEV.		
Ot. 80 W		64 668	520	59 47		℄ Manhattan Beach Blvd.
			530	59 37		13° rt edge pave
			580	58 87		20° rt gut
			540	59 27		30° rt PL
			531	59 36	11° Lt edge pave	
			530	59 37	30° Lt PL	
1+80° W			503	59 64		℄ Manhattan Beach Blvd
			514	59 53		10° rt edge pave.
			570	58 97		17° rt gut
			470	59 97		30° rt PL
			508	59 59	12° Lt edge pave.	
			500	59 67	30° Lt PL	
BM#KV-29			4850	59 81.8	BM#KV-29 ELEV 59.806 on the N.E. cor of the int. of Manhattan Beach Blvd and Inglewood Ave, a lead and nail in the S.W cor. of slab containing 2 airvents for Met Water Dept. FB 1922-24	

Profile Notes Red. Plotted Job No. 6221.00 Division No. F. B. 1959 PG. 105
No. Date Date Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. Checked Survey by Blanchard Notes EHS Date 10-28-59
No. Date Date Map No. Date

F. B. 1959 Pg. 106

Job No. Division No. Notes Red. Plotted

Profile

Survey of Date Date No.

X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed Date Date Date No.

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

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Notes Ck'd by	Survey of Manhattan Beach S.D.
Map No.	W. O. 6221.00 Tape No. 121 St'd. 68 °F
Office Work	Surveyed by Blanchard
Checked	Notes Blanchard Date 10-29-54
Date	Indexed A. C. Johnson 11-4-54

F.B. 1959 PG. 107

JN 6221.00

ALTERNATE LINE

at Dominguez Channel

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76F3098 247 4-53

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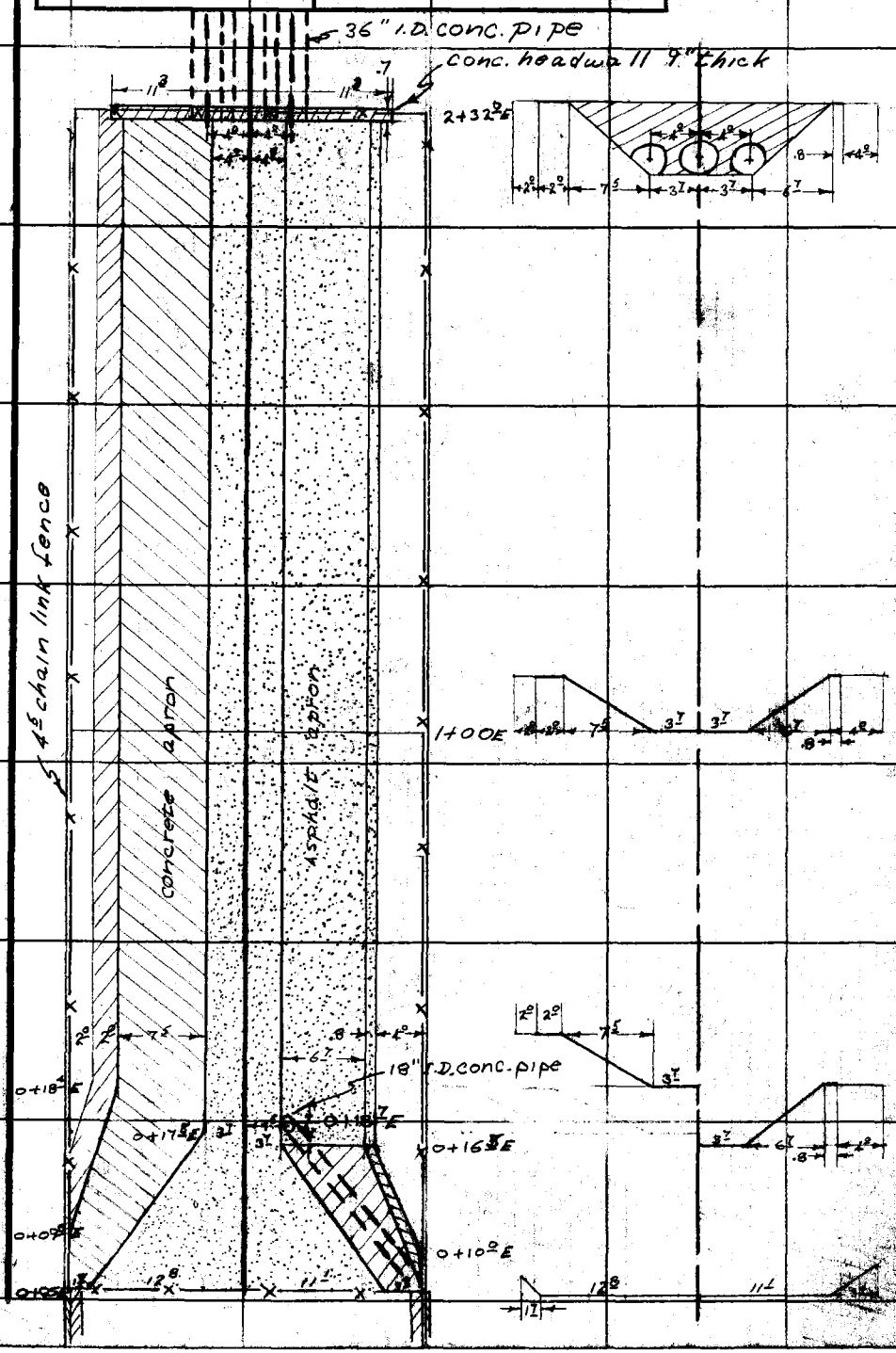
F. B. 1959 PG. 102

Notes Ck'd by	Survey of Manhattan Beach Blvd SD
Map No.	W. O. Tape No. St'd. °F
Office Work	Surveyed by F.H. Blanchard
Checked	Notes Uharriet Date 8-11-54
Date	Indexed A. C. Johnson

F.B. 1957 PG. 109



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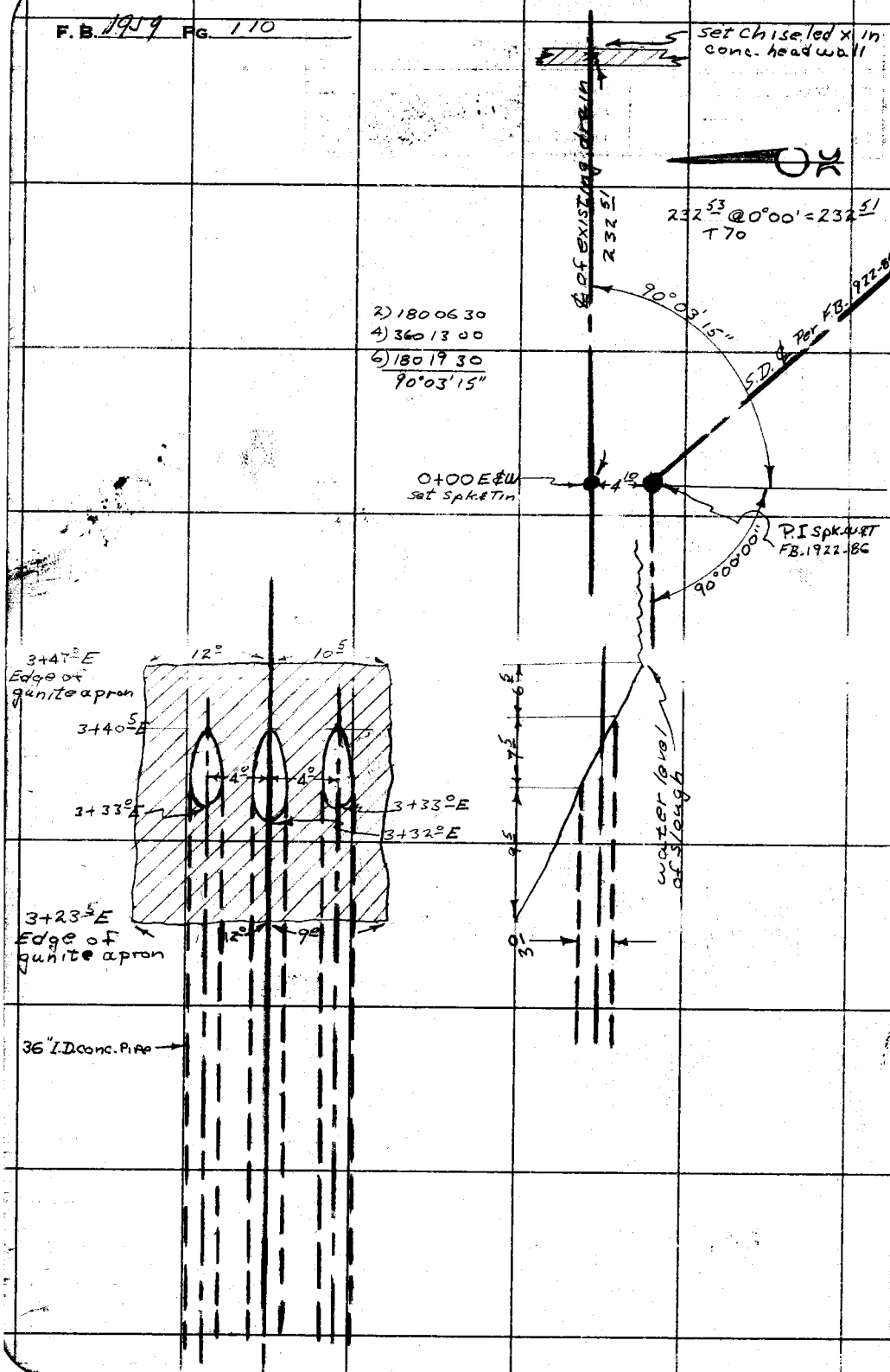
78F0068 247 4-58

F. B. 1959 PG. 110



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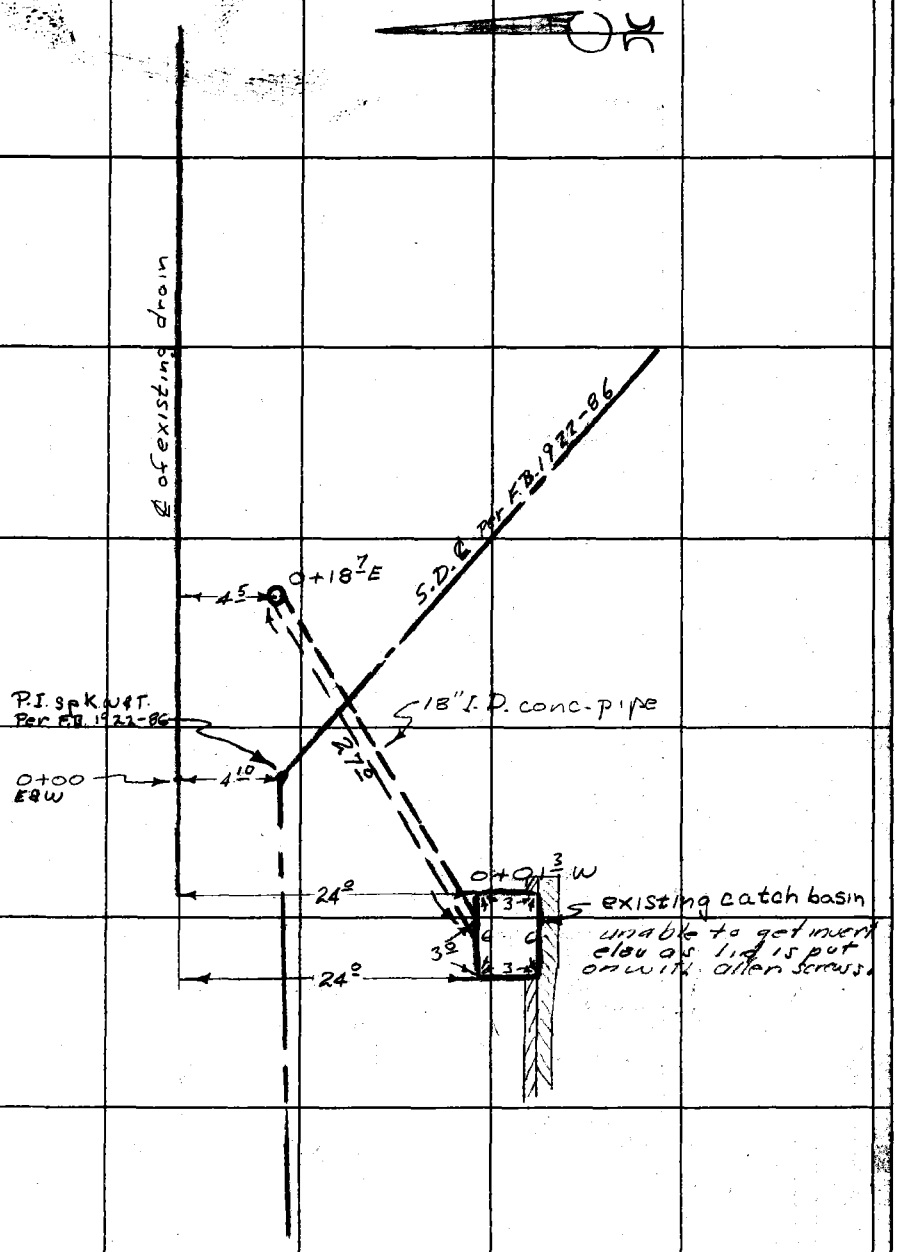
Notes Ck'd by	Survey of Manhattan Beach SD
Map No.	W. O. 6771.00 Tape No. 120 St'd. 68° °F
Office Work	Surveyed by FH Blanchard
Checked	Notes Blanchard Date 10-29-54
Date	Indexed A. C. Johnson

F.B. 1959 PG. 111



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76F2095 247 4-53

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F. B. 1999 PG. 112

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. #KV-43	6 195	50 941		44 746	F.B 1922.29	
0+01^{3} W					27° Lt. gutter at catch	basin, unable to get invert
0+04 E			8 24	42 70		℄ existing drain
			8 28	42 66		11^{4} rt. edge of gut.
			8 24	42 70		12° rt. gut.
			7 50	43 44		12° rt. tp. cb.
			8 31	42 63	12° Lt. edge of gut.	
			8 53	42 41	15° Lt. gut.	
			7 81	43 13	15° Lt. tp. cb.	
0+05 E			8 45	42 59		℄ existing drain, asphalt
			8 30	42 64		11^{1} rt. bt. bk., conc.
			6 86	44 08		14^{5} rt. tp. bk., conc.
			7 00	43 94		17° rt. dirt.
			8 53	42 41	12^{8} Lt. bt. bk., conc.	
			7 24	43 70	14^{5} Lt. tp. bk. conc.	
			6 60	44 34	17° Lt. dirt.	
0+16^{5} E			10 11	40 83		℄ existing drain, asphalt
			10 06	40 88		3^{7} rt. bot. bk., conc.
			5 13	45 81		10^{5} rt. tp. bk., conc
			5 16	45 79		11^{3} rt. edge conc
			5 60	45 34		17° rt. dirt

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. ____ F. B. 1959 Pg. 113
No. ____ Date ____ Date ____ Survey of Manhattan Beach Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by Blanchard Notes FHB Date 10-29-54
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date 11-4-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+17.5 E		50 941	10 17	40 77		℄ existing drain, asphalt
			10 13	40 81	3.7 Lt. bt. bk., conc.	
			4 77	46 17	13.5 Lt. tp. bk conc.	
			4 92	46 02	14.2 Lt. edge conc.	
			4 70	46 24	17.0 Lt. dirt	
0+18.7 E			10 35	40 59		4.5 rt. invert. 18" conc. pipe.
0+50 E			10 79	40 15		℄ existing drain, asphalt.
			10 73	40 21		4.0 rt. bt. bk., asphalt
			5 10	45 84		10.5 rt. tp. bk, asphalt
			5 09	45 85		11.0 rt. edge asphalt
			5 30	45 64		17.0 rt. dirt.
			10 70	40 24	3.5 Lt. bot. bk, conc.	
			4 83	46 11	11.0 Lt. tp. bk, conc.	
			4 83	46 11	13.0 Lt. edge conc.	
			4 80	46 14	17.0 Lt. dirt.	
1+00 E			11 09	39 85		℄ existing drain
			11 05	39 89		4.2 rt. bot bk., asphalt.
			5 38	45 56		11.0 rt. tp. bk., asphalt
			5 30	45 64		11.5 rt. edge asphalt
			4 60	46 34		17.0 rt. dirt.
			11 03	39 91	3.5 Lt. bt. bk. conc.	

F. B. 1959 Pg. 114

Job No. 6221.00 Division No. ____ Notes Red. ____ Plotted ____ Profile

Survey of Manhattan Beach Pld Storm Drain Date ____ Date ____ No. ____

Survey by Blanchard Notes Blanchard Notes Chkd. ____ Checked ____ X-Sec.

Indexed K. C. Johnson Date ____ Date ____ Date ____ No. ____

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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.		
1+00E		50 941	4 75	46 19	11° Lt. tp. bk conc.	
			4 77	46 17	13° Lt. edge conc.	
			4 90	46 04	17° Lt. dirt.	
1+50E			11 33	39 61		℄ existing drain, asphalt
			11 30	39 64		4² rt. bt. bk., asphalt
			5 32	45 62		11° rt. tp. bk. asphalt
			5 35	45 59		12° rt. edge asphalt
			5 60	45 34		17° rt. dirt.
			11 24	39 70	3⁵ Lt. bot. bk., conc.	
			4 78	46 16	11° Lt. tp. bk. conc.	
			4 80	46 14	13° Lt. edge conc.	
			5 00	45 94	17° Lt. dirt.	
2+00E			11 60	39 34		℄ existing drain
			11 52	39 42		4⁵ rt. bt. bk., asphalt
			5 20	45 74		11² rt. tp. bk., asphalt
			5 24	45 70		12° rt. edge asphalt
			5 40	45 54		17° rt. dirt.
			11 51	39 43	3² Lt. bt. bk., conc.	
			4 60	46 34	10⁸ Lt. tp. bk, conc.	
			4 60	46 34	13² Lt. edge conc.	
			4 50	46 44	17° Lt. dirt	

Profile Notes Red. ____ Plotted ____ Job No. 622400 Division No. ____ F. B. 1959 Pg. 115
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd Storm Drain
X-Sec. Notes Chkd. ____ Checked ____ Survey by Blanchard Notes FHB Date 10-29-54
No. ____ Date ____ Date ____ Map No. ____ Edited Johnson Date ____

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+32 E		50 941	11 92	39 02		existing drain & invert elev. ℄ of 36" conc. pipe
			11 91	39 03		4° rt. invert 36" conc. pipe
			11 90	39 04		4^{8} rt. bot. bk, asphalt
			6 11	44 83		11^{5} rt. tp bk, asphalt
			6 06	44 88		12^{5} rt. edge asphalt
			5 20	45 74		17° rt. dirt
			11 98	38 96	4° lt. invert 36" conc. pipe	
			11 98	38 96	4° lt. bot. bk., conc.	
			4 99	45 95	11° lt. tp. bk. conc.	
			4 85	46 09	13° lt. edge conc.	
			4 30	46 64	17° lt. dirt	
2+32 E			5 37	45 57		℄ top of conc. headwall
			5 51	45 43		11^{3} rt. end of headwall
			6 00	44 94		11^{3} rt. dirt
			5 30	45 64		17° rt. dirt
			5 12	45 82	11^{3} lt. end of conc. headwall	
			4 96	45 98	13° lt. edge conc.	
			4 40	46 54	17° lt. dirt	
T. P.	4 262	49 651	5 552	45 389		
2+50			3 50	46 15		℄
			3 50	46 15		8° rt. dirt

F. B. 1909 Pg. 116

Job No. 6221.03 Division No. Notes Red. Plotted No. Profile

Survey of Manhattan Beach Blvd Storm Drain Date Date X-Sec.

Survey by Blanchard Notes Blanchard Notes Chkd. Checked No.

Indexed E. C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+50E		49 651	3 7	45 9		17° rt. dirt
			3 3	46 3	8° Lt. dirt	
			3 1	46 5	17° Lt. dirt	
3+00 E			3 8	45 8		℄
			4 1	45 5		8° rt. dirt
			4 0	45 6		17° rt dirt
			3 5	46 1	8° Lt. dirt	
			3 4	46 2	17° Lt. dirt	
3+ 23.5 E			4 4	45 2		℄ tp. bk. conc. apron
			4 6	45 0		9° rt. edge conc.
			4 2	45 3	12° Lt edge conc.	
T.P.	2 570	47 722	4 499	45 152		
3+40.5 E			11 14	36 58		℄ invert, 36" conc. Pipe
			11 01	36 71		4° rt. invert, 36" conc. Pipe
			11 13	36 59	4° Lt. invert, 36" conc. Pipe	
3+47° E			14 1	33 6		℄ conc. apron
			13 6	34 1		10.5 rt. conc. apron
			14 0	33 7	12° Lt. conc. apron	
3+70 E = 0+00 NFS			14 9	32 8		int. existing drain ℄ Dominguez Channel
0+ 50S			15 4	32 3		℄
			14 3	33 4		19° rt. bt. bk.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1947 Pg. 117
Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by F.H.B. Notes J.M.U. Date 10-29-54
Date ____ Date ____ Map No. ____ Date ____

76L298 307 8-53

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+50S		47 722	3 50	44 20		40 rt. tp. bk
			2 70	45 00		62.5 rt. R/W line
			14 60	33 10	19° Lt. bt. bk	
			5 30	[illegible] 40	45° Lt. tp bk.	
			3 70	[illegible] 00	62.5 Lt. R/W line	
1+00S			15 10	[illegible] 62		℄ Dominguez Channel
			15 00	[illegible] 70		19° rt. bt. bk
			1 60	46 10		51 rt. tp bk
			0 80	46 90		62.5 rt. R/W line
			13 30	[illegible] 40	19° Lt. bt. bk	
			4 20	43 50	46 Lt. tp bk	
			3 80	45 90	62.5 Lt. R/W line	
1+50S			13 90	[illegible] 80		℄ Dominguez Channel
			13 90	33 80		20° rt. bt. bk.
			+0 40	48 10		50 rt. tp. bk.
			0 00	47 70		62.5 rt R/W line
			13 70	34 00	18° Lt. bt. bk	
			3 20	44 50	44° Lt. tp. bk.	
			3 10	44 60	62.5 Lt R/W line	
0+50N			15 2	32 50		℄ Dominguez Channel
			14 0	33 70		20 rt. bt. bk.

F. B. 1959 Pg. 118 Job No. 622100 Division No. 10 Notes Red. Plotted No. Profile
Survey of Manhattan Beach Blvd S.D. Date Date X-Sec.
Survey by F. H. B. Notes J. M. O. Notes Chkd. Checked No.
Indexed R. C. Johnson Date Date Date

76L298 307 8-53

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+50 N		47 722	210	45 60		46° rt. tp bk.
			1 00	46 70		62° rt. R/W line
			13 70	33 00	21° Lt. bt. bk	
			2 00	45 70	45° Lt. tp. bk.	
			2 10	45 60	62° Lt. R/W line	
1+00 N			14 70	33 00		℄ Dominguez Channel
			13 90	33 80		23° rt bt bnk
			2 30	45 40		45° rt tp bnk
			0 70	47 00		62° rt R/W
			13 90	33 80	21° Lt bt bnk	
			2 00	45 70	45° Lt tp bnk	
			2 30	45 40	62° Lt R/W	
1+50			14 20	33 50		℄ Dominguez channel
			14 20	33 50		15° rt bt bnk
			2 40	45 30		46° rt tp bnk
			1 00	45 70		62° rt R/W
			13 90	33 80	18° Lt bt bnk	
			2 00	45 70	42° Lt tp bnk	
			2 30	45 40	62° Lt R/W	
BM# KW-44			3 469	44 253	BM# KW-44	44216 FB 1922-29

Profile Notes Red ____ Plotted ____ Job No. 622100 Division No. 10 F. B. 1959 Pg. 119
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by F.H.B. Notes F.H.B. Date 10-29-54
No. ____ Date ____ Date ____ Map No. ____ Indexed Date ____

F. B. 1959 Pg. 120 | Job No. 6221.00 | Division No. 10 | Notes Red. | Plotted | Profile

Survey of Manhattan Beach Blvd. S.D. | Date | Date | No.

Survey by F.H.B. | Notes F.H.B. | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

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

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78L298 307 8-53

Profile No.	Notes Red.	Plotted	Job No. 6221.00	Division No. 10	F. B. 1959 Pg. 121
	Date	Date	Survey of Manhattan Beach Blvd. S.D.		
X-Sec. No.	Notes Chkd.	Checked	Survey by English	Notes Ed.	Date 4-55
	Date	Date	Map No.	Indexed Johnson	Date 5-5-55

MANHATTAN BEACH BLVD.
STORM DRAIN
PROJECT No 12
J.N. 6221.00

X-SECTIONS

STATION	B. S.	H. I.	F. S.	ELEV.
				April 1955
				English
				Lind
				Peterson
				Santucci

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76L293 S & E #307 9-54

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
fd. B.M.						
KV-18				78 97	K.V. - 18, el. = 78.974, F.B. 1922-18	
					S. side of Rosecrans Ave. At Isis St.	
					Bt. spk. in ctr. of Conc. S.D. H-Wall F.B. 1922	
149+05.65				7[illegible] 16	℄ Int. S.D. & Rosecrans - pg. 169	
149+15 E				[illegible]	N. EDGE CONC. PV.	℄ S.D.
149+40				7[illegible] 15		℄ S.D.
149+55 E				[illegible] 16		℄ S.D.
				7[illegible] 17	(BEGIN CONC. CB.	17 E R. CR
				7[illegible] 5	& GUTT.)	34 " E.G.
				7[illegible] 8		36 " F.G.
				7[illegible]		36 " T.C.
149+57 E				7[illegible]	20 L. E.G.	
				7[illegible]	22 " F.C.	
				7[illegible]	22 " T.C.	
∡ PT 149+63.72				7[illegible]		℄ S.D. - F.B. 1922 - 169

F. B. 1959 PG. 122 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. S.D. Date Date No.
Survey by English Notes Lind Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
149+89°				78 98		℄ SD
				78 83	8⁵ L. E.G.	
				78 40	12⁵ " F.L.	
				77 37	12⁵ " T.C.	
				77 [illegible]	14⁵ " F.L. CATCH BASIN	
				77 46	14⁵ " F.L. 18" OUTLET SOUTH	
149+93°				78 98		℄ SD
				78 95		10 R. W/4
				78 75		14⁵ " E.G.
				78 43		23⁵ " F.L.
				79 40		23⁵ " T.C.
				77 62		25⁵ " F.L. CATCH BASIN
				77 [illegible]		25⁵ " F.L. 18" OUTLET S.
150+30				79 [illegible]		℄ S.D.
				79 [illegible]		9 R. W/4
				78 88		18 " E.G.
				78 71		20 " F.L.
				79 50		20 " T.C.
				79 00	7 L. W/4	
				78 81	14 " E.G.	
				78 60	16 " F.L.	
				79 43	16 " T.C.	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 123
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. SD.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Lind Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed Job No. ____ Date ____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.			
							F.B. 1922-169
150+86.01				71 18	℄ INT. S.D. & 142 NO PL. = 0+00		
					EAST & WEST ALONG ℄ 142 NO PL.		
0+11.5	EAST	[illegible]		[illegible] 08	[illegible]		℄ 142 NO PL.
						T.	+ D. = F.L.
				70 02	8" Inlet E.	8.39	.67 9.06
				70 42	" " W.	7.99	.67 8.66
				69 73	" Outlet N.	8.68	.67 9.35
0+13.5	EAST			[illegible]	Rd. "X" gutt.		℄ [illegible] PL.
0+16.5	"			[illegible]	Rd. "X" gutt.		℄ " "
0+19.5	"			[illegible]	Rd. "X" gutt.		℄ " "
0+44.0	EAST			7[illegible]			℄ " "
							SOUTH [illegible] T.
							16 " [illegible]
							18 " [illegible]
							12 " [illegible]
					NORTH CB. RT.		
					16 [illegible]	[illegible]	
				7[illegible] 4	18 [illegible]	[illegible]	
				7[illegible] 78	18 [illegible]	[illegible]	
[illegible]	EAST	[illegible]		8[illegible]	[illegible]		℄ [illegible] PL.
						T	+ D = F.L.
				71 42	9" Inlet E.	8.85	.75 9.60
				71 24	9" Outlet W.	9.03	.75 9.78

F. B. 1959 PG. 124 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. S.D. Date No. X-Sec.
Survey by English Notes Lind Notes Chkd. Checked
Indexed A. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+03 [illegible]	[illegible]			79 13	W/4	℄ 142 NO pc
0+16 [illegible]	"			78 92	Ed Conc "X" g ut	℄ " "
[illegible]	"			78 88	F.L. " "	℄ " "
[illegible]	"			78 [illegible]	Ed " "	℄ " "
0+46 [illegible]	WEST			80 [illegible]		℄ " "
				80 19		8 R. W/4
				80 09		16 " N. CB. KT. E.G.
				79 95		18 " F.L.
				80 59		18 " T.C.
				80 23	8 L. W/4 S. CB. CT.	
				80 15	16 " E.G.	
				80 01	18 " F.L.	
				80 66	18 " T.C.	
3+20 [illegible]	WEST	SMH		83 61	E. Aim	℄ 142 NO. pc
						T. + D - FL
				74 80	8" Inlet W.	8.14 .67 8.81
				75 14	8" Outlet E.	7.80 .67 8.47

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 125
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Lind Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L293 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.				
151+40 S				79 32			℄ SD.	
				79 14			11 R.	E.G.
				79 00			13 "	F.G.
				79 78			13 "	T.C.
				79 30	10 L.	W/A		
				79 09	21 "	E.G.		
				78 22	23 "	F.G.		
				79 13	23 "	T.C.		
151+80				79 42			℄ SD.	
				79 21			12.5	E.G.
				79 13			14.5	F.G.
				79 25			14.5	T.C.
				[illegible]	10	W/A		
				79 17	19.5	E.G.		
				78 77	21.5	F.G.		
				79 01	21.5	T.C.		

SELF READING ROD

F. B. 1959 PG. 126 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd. S.D. Date Date No.

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

Indexed A. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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79[illegible]

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.				
152+49.5				79 62			℄ S.D.	
				79 55			9 R	W/4
				79 40			18 "	F.G.
				79 27			20 "	F.L.
				80 08			20 "	T.C.
				79 53	7 L	W/4		
				79 38	14 "	F.G.		
				79 23	16 "	F.L.		
				80 06	16 "	T.C.		
152+89.5				79 76			℄ S.D.	
				79 63			9 R	W/4
				79 50			18 "	F.G.
				79 37			20 "	F.L.
				80 17			20 "	T.C.
				79 67	7 L	W/4		
				79 49	14 "	E.G.		
				79 31	16 "	F.L.		
				80 11	16 "	T.C.		
153+11.58	4 [illegible]			79 84	SEE F.S. 1920.-170		℄ SD.	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 127
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Lind Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
153+41.58				79 90		℄ SO.
"				79 81		9 R. W/4
"		(4) S.M.H		79 73	N. Rim	12 "
						T + D = FL
				6[illegible] 71	12" Inlet N.	10.02 1.00 11.02
				6[illegible] 56	8" " S.	10.00 .67 10.67
				6[illegible] 48	15" Outlet W.	10.00 1.25 11.25
				79 61		1[illegible] R. E.G.
"				79 75		1[illegible] R. F.C.
"				8[illegible] 22		1[illegible] R. T.C.
"				[illegible]	℄ INT. S.O. &	142 ND. ST. =
					0+00 GOING WEST ALONG ℄	
					142 ST. F.S.	1922 – 170
0+08 WEST				79 87		℄ 142 ND ST
0+145	"			7[illegible]		℄ Ed. 'X' gutt
0+175	"			7[illegible]		℄ F.C. " "
0+205	"			7[illegible]		℄ Ed. " "

F. B. 1959 Pg. 128 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile No.
Survey of Manhattan Beach Blvd. SD Date Date X-Sec.
Survey by English Notes Lind Notes Chkd. Checked
Indexed K. C. Johnson Date Date Date No.

7GL290 S & E #307 9-34

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+47	WEST.			80 35		℄ 142 ST. N. CB. RT
				80 27		6 R. W/F
				80 21		13 " E.G.
				80 [illegible]		15 " F.L.
				80 71		15 " T.C.
				80 31	6 L. S. CB. RT. W/F	
				80 19	13 " E.G.	
				80 05	15 " F.L.	
				80 68	15 " T.C.	
3+50 West		(5) SMH		83 53	E. Rim	℄ 192.00 ST.
				67 80	16" Inlet E.	T. 14.40 + D. 1.33 = F.L. 15.73
				67 80	16" Outlet W.	14.40 1.33 15.73

Profile Notes Rod. _____ Plotted _____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 128

No. _____ Date _____ Date _____ Survey of Manhattan Beach Blvd. S.D.

X-Sec. Notes Chkd. _____ Checked _____ Survey by English Notes Lund Date 9-55

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

F. B. 1959 Pg. 130 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd S.D. Date Date No.

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

Indexed A. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
153+93						
		SEE READING BOOK				

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
155+00				80 27			℄ SD
				80 15			8 R W/F
				80 01			16 " E.G
				79 87			18 " E.C
				80 65			18 " T.C
				80 20	8 L	W/F	
				80 02	16 "	E.G	
				79 [illegible]	18 "	F.C	
				80 62	18 "	T.C	
155+40				80 28			℄ SD
				80 13			8 R W/F
				80 13			16 " E.G
				79 95			18 " F.C
				80 75			18 " T.C
				80 26	8 L	W/F	
				80 10	16 "	E.G	
				79 93	18 "	F.C	
				80 73	18 "	T.C	
KV-92				80 61	KV - 92 [illegible]		80.61 FB 1922-191

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 131
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Lind Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed E. C. Johnson Date ____

F. B. 1959 Pg. 132 | Job No. 6221.00 | Division No. 10 | Notes Red. | Plotted | Profile No.
Survey of Manhattan Beach Blvd. S.D. | Date | Date | X-Sec. No.
Survey by English | Notes Lin 4 | Notes Chkd. | Checked | Date
Indexed C. Johnson | Date | Date | Date

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
155+91.51				80.37	℄ INT. SD. ¢ 141 ST = 0+00	
					EAST & WEST	ALONG ℄
					141 ST. - F.B.	1922 - 170
0+08	EAST			5.23	W/A	℄ 141 ST.
0+12	"	(6) SMH		80.24	N. RIM	℄ " "
				7.47	8" Inlet W.	T + D = FL 8.10 .63 = 8.77
				70.78	12" " N.	8.46 1.00 = 9.46
				71.19	8" " E.	8.38 .67 9.05
				70.70	12" Outlet S.	8.54 1.00 9.54
0+15	EAST			80.24	ED. "X" gutt	℄ 141 ST
0+18	"			80.20	F.G. " "	℄ " "
0+21	"			80.12	ED " "	℄ " "
0+43	EAST			80.4		℄ " "
				80.4		6 R. W/A
				80.77		13 " S. C.B. 12T F.G.
				80.66		15 " F.G.
				81.22		15 " T.C.
				80.4	6 L.	W/A
				80.95	13 " N. C.B. 12T. F.G.	
				81.15	15 " F.G.	
				81.41	15 " T.C.	

76L293 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
3+62.2	EAST	(7) 5MA		84 14	W. Rim	℄ 141 ST. T + D = F.L.
				78 84	8" Inlet E.	4.63 .67 5 30
				78 71	8" Outlet W.	4.76 .67 5.43
0+08	WEST			80 35		℄ 141 ST.
0+14.5	"			80 26		℄ "
0+17.5	"			80 19		℄ "
0+20.5	"			80 25		℄ "
0+45	WEST			80 78		℄ "
				80 75		6 R. N. CB. RT. W/℄
				80 57		13 " E.G.
				80 4[illegible]		15 " F.G.
				81 10		15 " T.C.
				80 71	6 L. S. CB. RT. W/℄	
				80 60	13 " E.G.	
				80 40	15 " F.G.	
				81 11	15 " T.C.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 133
X-Sec. No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
Notes Chkd. ____ Checked ____ Survey by English Notes Lind Date 4-55
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
2+50 West		(E) SMH		8[illegible] 70	F. [illegible]	℄ 141 St.
						T. + D. = FL.
				7[illegible] 01	8" Inlet W.	5.22 .67 5.89
				7[illegible] 04	8" Outlet E.	5.29 .67 5.96
156+92 E				80 54		℄ 50
				8[illegible] 46		8 R. W/4
				[illegible]		16 " E.G.
				[illegible] 15		18 " F.L.
				8[illegible]		18 " T.C.
				8[illegible]	8 L. W/4	
				8[illegible]	16 " E.G.	
				8[illegible]	18 " F.L.	
				8[illegible]	18 " T.C.	

F. B. 1959 PG. 139 Job No. 6221.00 Division No. 10 Notes Red. Plotted No. Profile
Survey of Manhattan Beach Blvd. S.D. Date Date X-Sec.
Survey by English Notes Lind Notes Chkd. Checked
Indexed A. C. Johnson Date Date Date No.

Profile	Notes Red.	Plotted	Job No. 6221.00	Division No. 10	F. B. 1959 Pg. 135
No.	Date	Date	Survey of Manhattan Beach Blvd. S.D.		
X-Sec.	Notes Chkd.	Checked	Survey by English	Notes Lind	Date 4-55
No.	Date	Date	Map No.	Indexed K. C. Johnson	Date

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
156+82.5				80 65		
				80 58		
				80 [illegible]		
				80 [illegible]		
				80 [illegible]		
				80 57	8 L.	W/4
				80 44	16 "	E.G.
				80 22	18 "	F.L.
				81 09	18 "	T.C.
157+50				80 89		
				80 77		
				80 56		
				80 44		
				81 22		
				80 85	8 L.	W/4
				80 70	16 "	E.G.
				80 51	18 "	F.L.
				81 28	18 "	T.C.

	£ 50	
	8 R.	W/4
	16 "	E.G.
	18 "	F.L.
	18 "	T.C.
	£ 50	
	8 R.	W/4
	16 "	E.G.
	18 "	F.L.
	18 "	T.C.

76L298 S & E #307 9-54

7GL298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
157+90				8 73		℄ SD.
				8 56		8 R. W/4
				[illegible] 72		16 " E.G.
				[illegible]		18 " F.L.
				8 56		18 " T.C.
				[illegible]	8 L W/4	
				8 77	16 " E.G.	
				[illegible]	18 " [illegible]	
				[illegible]	18 [illegible]	
158+41.55				[illegible] 2	℄ INT SD & 140 ST = 0+00	
					GOING EAST & WEST ALONG	
					℄ 140th ST.	FB 1922-171
0+08	EAST			[illegible]	W/4	℄ 140 ST
0+12	"	SMH		[illegible]	N. Rim	℄ " "
						T " + D = F.L.
				72 [illegible]	9" Inlet W.	8.04 .75 8.79
				71 [illegible]	12" " N.	8.34 1.00 =9.34
				71 [illegible]	8" " E.	8.34 .67 9.01
				71 52	12" Outlet S.	8.48 1.00 9.48

F. B. 1959 PG. 136 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. S.D. Date Date No.
Survey by English Notes Lind Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

76L298 S & E #307 9-34

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+15	EAST			80 88	[illegible] x gutt.	℄ 140 ST
0+18	"			80 85	[illegible] x gutt.	℄ " "
0+21	"			80 88	[illegible] x gutt.	℄ " "
0+47	EAST			81 7		℄ " "
				82 03		S. CL. RT. 13 R. E.L.
				81 87		15 " F.L.
				82 53	N. CL. RT.	15 " T.C.
				82 22	13 L. E.L.	
				82 09	15 " F.L.	
				82 75	15 " T.C.	
3+62	EAST	(10) [illegible]		88 54	W. Rim	℄ 140 ST
						T + D = FL
				83 05	8" Inlet E.	4.82 .67 5.49
				83 05	8" Outlet W.	4.82 .67 5.49

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 137
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Lind Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+0 8	WEST			81 06	W/4	℄ 140 ST.
0+14	"			80 92	Ed. "X" gutt.	℄ "
0+17	"			80 85	F.L. x gutt.	℄ "
0+20	"			80 87	Ed. x gutt.	℄ "
0+45	WEST			81 39		℄ "
				81 35		6 R W/4 N. CB. RT.
				81 14		13 " EC.
				80 74		15 " F.L.
				81 42		65 " T.C.
				81 30	6 L S. CB. RT. W/4	
				81 10	13 " EC.	
				80 93	15 " EC.	
				81 49	15 " T.C.	
3+25	WEST	(11) 5 MH		83 13	N. Rim	℄ 140 ST
				76 81	9" Inlet W.	T + D = F.L. 5.57 .75 6.32
				76 78	9" Outlet E.	5.60 .75 6.35

F. B. 1959 PG. 138 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. S.D. Date Date No.
Survey by English Notes Lind Notes Chkd. Checked X-Sec.
Indexed E. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.				
158+92				81 20			℄ SO	
				81 14			8 R	W/4
				80 96			16 "	E.G.
				80 81			18 "	F.C.
				81 62			18 "	T.C.
				81 13	8 L	W/4		
				80 95	16 "	E.G.		
				80 84	13	F.C.		
				81 61	13	T.C.		
159+32				81 31			℄ S.D.	
				81 18			8 R	W/4
				81 06			16 "	E.G.
				80 95			18 "	F.C.
				81 72			13 "	T.C.
				81 21	8 L	W/4		
				81 06	16 "	E.G.		
				80 96	18 "	F.C.		
				81 71	13 "	T.C.		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 139
X-Sec. No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
Notes Chkd. ____ Checked ____ Survey by English Notes Lind Date 4-55
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.				
160+00				81 44			℄ SD	
				81 31			8 R.	W/4
				81 25			16 "	E.G.
				81 08			18 "	F.L.
				81 58			180 "	T.C.
				81 48	8 L.	W/4		
				81 31	16 "	E.G.		
				81 17	18 "	F.L.		
				81 94	18 "	T.C.		
160+40				81 60			℄ SD	
				81 47			8 R.	W/4
				81 40			16 "	E.G.
				81 [illegible]0			18 "	F.L.
				81 [illegible]0			18 "	T.C.
				81 58	8 L.	W/4		
				81 42	16 "	E.G.		
				81 [illegible]1	18 "	F.L.		
				81 [illegible]4	18 "	T.C.		

SEE READING [illegible]

F. B. 1959 PG. 140 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd S.D. Date Date No.

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

Indexed A. C. Johnson Date Date Date No.

76L293 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
160+91.76				81 79	℄ INT. S.D. & 139 ST	
					= 0+00 Going EAST & WEST	
					Along ℄ 139 ST. FB 1922-171	
0+08	EAST			81 69		℄ 139 ST.
0+12	EAST	(12) 5 MH		81 61 ←		℄ " "
						T + D = FL.
"				72 72	9" Inlet E.	8.16 .75 8.91
"				72 15	11" " N.	8.54 .92 9.46
				72 79	9" " W.	8.07 .75 = 8.82
				72 16	12" Outlet S.	8.45 1.00 = 9.45
0+15	EAST			81 50	Ed "X" gutt	℄ 139 ST.
0+18	"			81 46	FL " "	℄ " "
0+21	"			81 50	EO "X" gutt	℄ " "
0+45	"			82 2		℄ " "
						S. C.B. RT
				82 98		13 R. E.G.
				82 84		15 " F.L.
				83 41	N. C.B. RT.	15 " T.C.
				82 96	13 L E.G.	
				82 84	15 " F.L.	
				83 46	15 " T.C.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 141
X-Sec. No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
Notes Chkd. ____ Checked ____ Survey by English Notes Lnd. ____ Date 9-55
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
3+64	EAST	(3) SMH		[illegible] 20	W. Rim	℄ 139 ST. T + D = F.L.
				8[illegible] 3[illegible]	8" Inlet E.	4.90 .67 5.57
				85 50	8" Outlet W.	5.03 .67 5.70
0+08	WEST			[illegible] 75		℄ 139 ST.
0+15	"			81 55		℄ " "
0+18	"			81 46		℄ " "
0+21	"			[illegible] 5[illegible]		℄ " "
0+45	"			[illegible] 77		℄ " "
				[illegible] 25		N. CB. RT. 13 R. E.L.
				8[illegible] 2[illegible]		15 " F.L.
				8[illegible] 16		15 " T.C.
				81 81	13 S. CB. RT. E.L.	
				8[illegible] 70	15 " F.L.	
				8[illegible] 3	15 " T.C.	
2+75	EAST	(4) SMH		8[illegible] 15	rim	℄ 139 ST. T. + D. = F.L.
				7[illegible] 76	8" Inlet W.	5.72 .67 6.39
				76 68	8" Outlet E.	5.80 .67 6.47

F. B. 1959 Pg. 142 Job No. 6221.00 Division No. 10 Notes Red. ____ Plotted ____ Profile
Survey of Manhattan Beach Blvd. S.D. Date ____ No. ____ X-Sec.
Survey by English Notes ____ Notes Chkd. ____ Checked ____
Indexed E. C. Johnson Date ____ Date ____ Date ____ No. ____

76L293 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
161+44				81.77			℄ 50.
				81.54			8 " W/4
				81.64			16 " E.G.
				81.44			18 " F.L.
				82.27			18 " T.C.
				81.30	8 "	W/4	
				81.39	16 "	E.G.	
				81.50	18 "	F.L.	
				[illegible]	18 "	T.C.	
161+84				[illegible]			℄ 50.
				81.85			8 " W/4
				81.66			16 " E.G.
				81.53			18 " F.L.
				82.32			18 " T.C.
				81.92	8 "	W/4	
				81.75	16 "	E.G.	
				81.58	18 "	F.L.	
				82.37	18 "	T.C.	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 19559 Pg. 143
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Lind Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Checked by ____ Date ____

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.				
162+50				8 14			℄ SD	
				8 13			8 R.	W/4
				8 [illegible]			16 "	E.G.
				[illegible]			18 "	F.L.
				[illegible]			18	T.C.
				8 5	8 L.	W/4		
				8 [illegible]	16 "	E.G.		
				8 [illegible]	18 "	F.L.		
				[illegible]	18 "	T.C.		
162+90				8 [illegible]			℄ SD	
				8 11			8 R.	W/4
				[illegible]			16 "	E.G.
				8 [illegible]			18 "	F.L.
				[illegible]			18	T.C.
				[illegible]	8 L.	W/4		
				[illegible]	16 "	E.G.		
				[illegible]	18 "	F.L.		
				[illegible]	18 "	T.C.		

F. B. 1959 PG. 144 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. S.D. Date Date No.
Survey by English Notes Lind Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
163+41.64				82 26	℄ INT S.P. & 138 TH PL. = 0+00	
					GOING EAST & WEST ALONG	
					℄ 138 TH PL.	FB 1922-172
0+08	EAST	(35)		82 24	W/4	℄ 138 PL.
0+12	"	SMH		82 17	← E. Rim	℄ " "
						T + D = FL
				74 10	8" Inlet W.	740 .67 8.07
				73 47	11" " N.	778 .92 8.70
				73 54	9" " E.	788 .75 8.63
				73 32	11" Outlet S.	793 .92 8.85
0+15	EAST			82 13	Ed. Conc "x" gutt.	℄ 138 PL.
0+18	"			82 10	F.L. " "	℄ " "
0+21	"			82 16	Ed. " "	℄ " "
0+45	"			82 7		℄ " 5" SB. Rt.
				82 57		13 R. E.G.
				82 43		15 " F.L.
				83 06	N. Cb. Rt.	15 " T.C.
				82 53	13 L. E.G.	
				[illegible]	15 " F.L.	
				[illegible]	15 " T.C.	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 PG. 145
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. S.P.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Lind Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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.		
3+64	EAST	(16) 5 MH		8[illegible] 23	W. Rim	℄ 138 PL
						T + D = FL
				8[illegible] 64	8" Inlet E.	4.92 67 5.59
				8[illegible] 48	8" Outlet W.	5.08 .67 5.75
0+08	WEST			[illegible]	W/4	℄ 138 PL
0+15	"			[illegible]		℄ " "
0+18	"			[illegible]		℄ " "
0+21	"			[illegible]		℄ " "
0+45	"			[illegible]		℄ " "
				[illegible]		~~℄ " "~~
				8[illegible] 4		6 " N. CB. Rt W/4
				[illegible]		13 " E.G.
				8[illegible] 20		15 " F.L.
				[illegible] 24	S. CB. Rt.	15 " T.C.
				8[illegible] 48	6 " W/4	
				8[illegible] 36	13 " [illegible]	
				8[illegible] 35	15 " [illegible]	
				8[illegible] 37	15 " T.C.	

SELF READING ROD

F. B. 1959 PG. 146 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. S.D. Date Date No. X-Sec.
Survey by English Notes Lind Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
3+38	WEST	(17) SMH		83 85	E. Rim	℄ 138 PL.
						T + D = FL
				77 30	9" Inlet W.	580 .75 6.55
				77 26	9" Outlet E.	5.84 .75 6.59
163+94				[illegible]		℄ S.D.
				[illegible]		3 [illegible]
				82 23		16 [illegible]
				[illegible]		18 [illegible]
				[illegible]		18 [illegible]
				[illegible]	[illegible]	
				[illegible]	[illegible]	
				82 [illegible]	[illegible]	
				82 81	[illegible]	T.C.

SELF READING RM

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 147
No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH BLVD S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes LIND Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F. B. 1959 Pg. 148 Job No. 6221.00 Division No. 10 Notes Red. _____ Plotted _____ Profile

Survey of MANHATTAN BEACH BLVD. S.D. Date _____ Date _____ No. _____

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

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

STATION	B. S.	H. I.	F. S.	ELEV.		
164+34				82.45		
				82.55		
				82.19		
				82.38		
				82.25		
				82.29		
				82.18		
				82.33		
					8 L	
					16 "	
					18 "	
					18 "	
						W/4
						E.G.
						F.C.
						T.C.
165+00						
					8 "	
					16 "	
					18 "	
					18 "	
						W/4
						E.G.
						F.C.
						T.C.
						# 50
					8 R.	
					16 "	
					18 "	
					18 "	
						W/4
						E.G.
						F.C.
						T.C.
						# 50
					8	
					16	
					18	
					18	
						W/4
						E.G.
						F.C.
						T.C.

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76L298 S.& E. #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
165+40				[illegible]		℄ SD
				[illegible]		9 [illegible]
				[illegible]		16 " [illegible]
				[illegible]		15 " [illegible]
				[illegible]		18 " [illegible]
				[illegible]	8 [illegible] W/F	
				82 1.0	16 " E.G.	
				[illegible]	18 " [illegible]	
				[illegible]	18 " [illegible]	
165+91.63				82 88	℄ INT [illegible]	([illegible] EAST)
					= 0+00 GOING	EAST ALONG
					℄ [illegible]	FB 1922 - 172
0+[illegible]	[illegible]	(12)		82 87	W/F	℄ [illegible]
0+12	"	SMH		82 88	← N. rim	℄ T " + " D = F.L.
				75 09	8" Inlet W.	7.12 .67 = 7.79
				74 73	11" " N.	7.23 .92 = 8.15
				75 06	8" " E.	7.15 .67 = 7.82
				74 63	11" Outlet S.	7.33 .92 = 8.25

Profile No. ____ Notes Red. ____ Plotted ____ Date ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 149

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of MANHATTAN BEACH BLVD. S.D. Survey by ENGLISH Notes LIND Date 4-55 Map No. ____ Date ____ Indexed Johnson Date ____

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+15	East			[illegible] 85	[illegible]	℄ 138 St.
0+18	"			[illegible] 75	[illegible]	℄ " "
0+21	"			85	[illegible]	℄ " "
0+45	"			1		℄ " "
						5. eb. rt
						13 R. E.G.
						15 " F.L.
						15 " T.C.
					W. eb. rt.	
					13 L. E.G.	
					15 " F.L.	
					15 " T.C.	
3+62	East	19 [illegible]		[illegible] 70	W. R.M.	℄ 138 St.
						T + D = F.L.
				8.232	8" Inlet E	6.01 .67 6.68
				8.241	8" Outlet W.	5.92 .67 6.59

F. B. 1959 PG. 150 Job No. 622100 Division No. 10 Notes Red. Plotted Profile
Survey of MANHATTAN BEACH BLVD S.D. Date Date No.
Survey by ENGLISH Notes LLVD Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson 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.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
165+96.63				82 75	℄ INT. S.D.	AND (138 ST WEST)
					= 0+00 GOING	WEST ALONG
					℄ 138th St.	
0+08	WEST			82 87	W/4	℄ 138 ST.
[illegible]	"			82 80	[illegible]	℄ "
[illegible]	"			82 79	[illegible] " "	℄ "
0+21	"			82 79	Ed. " "	℄ "
0-45	"			83 [illegible]		℄ "
				83 11		8 R. W/4
				83 14		16 " E.G.
				83 94		18 " [illegible]
				83 54		18 " T.C.
				83 [illegible]	8 L. W/4	
				83 09	16 " E.G.	
				82 93	18 " [illegible]	
				83 [illegible]	18 " T.C.	
3+26	WEST	20 SMH		84 29	12' L. [illegible]	
				78 07	8" Inlet W.	T + D = FL 5.55 .67 6.22
				78 09	8" Outlet E.	5.53 .67 6.20

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F.B. 1959 Pg. 151
No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH BLVD. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes LIND Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F. B. 1959 Pg. 152 Job No. 6221.00 Division No. 10 Notes Red. ____ Plotted ____ Profile

Survey of MANHATTAN BEACH BLVD. S.L. Date ____ Date ____ No. ____

Survey by ENGLISH Notes 2IND Notes Chkd. ____ Checked ____ X-Sec.

Indexed A. C. Johnson 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.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
166+44				[illegible]		℄ S.L.
				8.03		3 R. W/4
				[illegible]		16 " E.G.
				[illegible]		18 " F.L.
				[illegible]		18 " T.C.
				[illegible]	8 L. W/4	
				[illegible]	16 " E.G.	
				[illegible]	18 " F.L.	
				[illegible]	18 T.C.	
166+84				[illegible]		℄ S.L.
				[illegible]		3 R. W/4
				[illegible]		16 " E.G.
				[illegible]		18 " F.L.
				[illegible]		18 " T.C.
				[illegible]	8 L. W/4	
				[illegible]	16 " E.G.	
				[illegible]	18 " F.L.	
				[illegible]	18 " T.C.	

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.				
167+48				83 33			℄ S.D.	
				83 19			8 R.	W/4
				83 15			16 "	E.G.
				83 02			18 "	F.L.
				83 00			18 "	T.C.
				83 [illegible]	8 L	W/4		
				83 10	16 "	E.G.		
				83 [illegible]	18 "	F.L.		
				[illegible]	18 "	T.C.		
167+88				83 4[illegible]			℄ S.D.	
				[illegible]			8 R.	W/4
				[illegible]			16 "	E.G.
				[illegible]			18 "	F.L.
				83 91			18 "	T.C.
				83 [illegible]	8 "	W/4		
				[illegible] 19	16 "	E.G.		
				83 0[illegible]	18 "	F.L.		
				83 81	18 "	T.C.		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 153
X-Sec. No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH BLVD. S.D.
Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes LIND Date 4-5-
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
168+41.64				[illegible]	℄ INT. S.D. ℄ 137th pl.	
					= 0+00 GOING EAST	
					ALONG ℄ 137th pl.	
0+08	EAST	2A		[illegible]	W/4	℄ 137th pl.
0+12	"	S.M.H.		83 50	← W [illegible]	℄ " "
						T + D = FL
				7[illegible] 63	10" Inlet N.	7.03 .84 = 7.87
				7[illegible] 94	9" " E.	6.81 .75 = 7.56
				7[illegible] 10	10" Outlet S.	7.06 .84 = 7.90
0+15	EAST			[illegible]	Ed. Conc. X Gutt	℄ 137th pl.
0+18	"			8[illegible] 76	F.L. " " "	℄ " "
0+21	"			[illegible]	Ed. " " "	℄ " "
0+45	"			8[illegible] 0		℄ " "
				9[illegible]		13 K E.G.
				[illegible]		15 " F.L.
				[illegible]		15 " T.C.
				8[illegible]	13 " F.G.	
				8[illegible]	15 " F.L.	
				8[illegible] 76	15 " T.C.	

F. B. 1959 PG. 154 Job No. 6221.00 Division No. 10 Notes Red. Plotted Date No. Profile
Survey of MANHATTAN BEACH BLVD S.D. Date Date X-Sec.
Survey by ENGLISH Notes LIND Notes Chkd. Checked Date No.
Indexed ~~K. C. Johnson~~ Date

76L298 S & E #307 9-34

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STATION	B. S.	H. I.	F. S.	ELEV.		
364'	EAST	[illegible]		93 23	W RIM	℄ 137th PL.
						T + D = FL
				87 71	8" Inlet E.	4.85 .67 5.52
				87 67	8" Outlet W.	4.89 .67 5.56
168+[illegible]				83 74		℄ SD
				83 [illegible]		3 [illegible]
				[illegible]		[illegible]
				[illegible]		18
				[illegible]		16
				[illegible]	[illegible]	
				[illegible]	[illegible]	
				[illegible]	[illegible]	
				[illegible]	[illegible]	

Profile Notes Red. ____ Plotted ____ Job No. 622100 Division No. 10 F. B. 1959 Pg. 155
No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH BLVD S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes LIND Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Ended Johnson Date ____

7GL298 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.					
169+33				[illegible] 74				℄ SD	
				8[illegible] 60				8 R.	W/4
				[illegible]				16 "	E.G.
				8[illegible] 40				18 "	F.L.
				[illegible] 17				18 "	T.C.
				[illegible]	8 L	W/4			
				[illegible]	16 "	E.G.			
				[illegible]	18 "	F.L.			
				[illegible]	18 "	T.C.			
169+96				8[illegible] 86				℄ SD.	
				8[illegible] 14				8 R.	W/4
				8[illegible]				16 "	E.G.
				[illegible]				18 "	F.L.
				[illegible] 57				18 "	T.C.
				8[illegible] 84	8 L	W/4			
				8[illegible] 74	16 "	E.G.			
				8[illegible] 1	18 "	F.L.			
				8[illegible] 40	18 "	T.C.			

F. B. 1959 Pg. 156 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of MANHATTAN BEACH BLVD S.D. Date Date No.
Survey by ENGLISH Notes LIND Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson 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.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
170+36				84 06		℄ SD
				83 97		8 R. W/4
				83 86		16 " E.G.
				83 70		18 " F.L.
				84 41		18 " T.C.
				83 97	8 L. W/4	
				83 83	16 " E.G.	
				83 74	18 " F.L.	
				84 30	18 " T.C.	
				84 22	℄ INT S.D. & 137th st = 0+00	
					GOING EAST ALONG ℄ 137th st.	
					F.B. 1922-173	
0+08	EAST			84 17		℄ 137th st.
0+12	"	SMH		84 10	← W. Rim	℄
						T " + D " = FL
				76 33	12" Inlet N.	6.77 1.00 777
				76 83	8" " E.	6.60 .67 727
				76 30	12" Outlet S.	6.80 1.00 780

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 157
No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH BLVD. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes LIND Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+15	EAST.			[illegible]	Ed. Conc "X" gutt ℄	137th ST.
0+18	"			[illegible]	F.L. " " ℄	" "
0+21	"			[illegible]	E.G. " " ℄	" "
0+45	"			[illegible]	℄	" "
				8[illegible] 31		13 R.
				[illegible]		15 "
				[illegible]		15 "
				84 88	13 L.	
				8[illegible] 72	15 "	
				8[illegible]	15 "	
3+35	EAST	(24) S.M.H.		8[illegible] 25	N. Rim	℄ 137 ST
				7[illegible] 62	9" Inlet E.	T D = FL
				79 [illegible]6	9" Outlet W.	8.88 .75 9.63
						8.94 .75 9.69

F. B. 1959 Pg. 158 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of MANHATTAN BEACH BLVD SD Date Date No. X-Sec.
Survey by ENGLISH Notes LIVE Notes Chkd Checked
Indexed C. Johnson Date Date Date No.

70L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.				
171+43				84.29			℄ S.D.	
				84.25			8 R.	W/4
				84.17			16 "	E.G.
				84.00			18 "	F.L.
				[illegible]			18 "	T.C.
				84.24	8 L.	W/4		
				84.13	16 "	E.G.		
				83.96	18 "	F.L.		
				83.94	18 "	T.C.		
171+83				84.41			℄ S.D.	
				84.31			8 R.	W/4
				84.22			16 "	E.G.
				84.11			18 "	F.L.
				84.01			18 "	T.C.
				84.35	8 L.	W/4		
				84.18	16 "	E.G.		
				84.09	18 "	F.L.		
				84.01	18 "	T.C.		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 159
Date ____ Date ____ Survey of MANHATTAN BEACH BLVD. S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes LIND Date 4-53
Date ____ Date ____ Map No. ____ Date ____

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.		
173+00				[illegible] 14		℄ SD
				[illegible] 23		8 R W/4
				[illegible] 40		16 " E.C.
				[illegible] 36		18 " F.L.
				[illegible] 14		18 " T.C.
				[illegible] 71	8 " W/4	
				84 64	16 " E.C.	
				[illegible] 75	18 " F.L.	
				[illegible] 55	18 " T.C.	
174+00				84 98		℄ SD
				84 85		8 R. W/4
				84 78		16 " E.C.
				84 64		18 " F.L.
				85 42		18 " T.C.
				84 90	8 " W/4	
				84 77	16 " E.C.	
				84 64	18 " F.L.	
				85 41	18 " T.C.	
173+91		(25) SMH		84 78	← N. Rim	12 R.
				77 16	12" Inlet N.	T 6.62 + D 1.00 = F.L. 7.62
				77 13	12" Outlet S.	6.65 1.00 7.65

Plug E.

F. B. 1959 Pg. 160 Job No. 622100 Division No. 10 Notes Red. Plotted No. Profile
Survey of MANHATTAN BEACH BLVD. S.D. Date Date X-Sec.
Survey by ENGLISH Notes LIND Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

76L293 S & E #307 9-34

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.					
175+00				850			(DIRT)	℄ S.D.	
				849				8 R.	W/4
				8496				16 "	E.C.
				8485				18 "	F.L.
				8563				18 "	T.C.
				850	8	⊿	W/4		
				8495	16	"	E.C.		
				8483	18	"	F.L.		
				8561	18	"	T.C.		
175+46				850			(DIRT)	℄ SD	
				851				8 R	W/4
				8525				16 "	[illegible]
				8502				18 "	[illegible]
				8584				18 "	[illegible]
				850	8	⊿	W/4		
				8515	16	"	[illegible]		
				8500	18	"	[illegible]		
				8576	18	"	[illegible]		

Profile Notes Red ____ Plotted ____ Job No. L271.00 Division No. 10 F. B. 1959 Pg. 161
No. ____ Date ____ Date ____ Survey of MAN HATTAN BEACH BLVD. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes LIND Date 4-53
No. ____ Date ____ Date ____ Map No. ____ Index Johnson Date ____

76L208 S & E #007 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 1954 Pg. 162 | Job No. 6221.03 | Division No. 10 | Notes Red. | Plotted | Profile No.
Survey of MANHATTAN BEACH BLVD S.D. Date | Date | X-Sec. No.
Survey by ENGLISH Notes PETERSON Notes Chkd. Checked
Indexed C. Johnson Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.		
175+86				851	(DIRT)	℄ S.D.
				8524		16'R EG.
				8509		18" F.L.
				8588		18" T.C.
				8522	16'L EG.	
				8504	18" F.L.	
				8582	18" T.C.	
176+03.77				862	(DIRT) B.C. F.B. 1922-174	℄ S.D.
0+00				8[illegible]5	℄ INT. 151S AVE & 135TH ST. = 0+00	
					EAST, NORTH & WEST ALONG ℄ STREETS	
0+55	EAST			[illegible]	(DIRT)	℄ 135TH ST.
				8[illegible]56		28'R EG.
				9[illegible]42		30" F.L.
				8[illegible]23		30" T.C.
				8[illegible]65	28'L EG.	
				8[illegible]51	30" F.L.	
				8[illegible]	30" T.C.	

76L298 S & E #307 9-34

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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.		
0+25	NORTH	(26) S.M.H.		8554	N. rim	12'R T + D = FL.
				7821	9" Inlet W.	6.58 .75 7.33
				7790	11" " N.	6.72 .92 7.64
				7787	10" Outlet S.	6.83 .84 7.67
0+29	"			8554	℄ 151S	EDGE CROSS GUTTER
0+31	"			8548	" "	F.L. " "
0+34	"			8554	" "	EDGE " "
0+68	"			856	(DIRT)	℄ 151S AVE
				8559		16'R E.G.
				8541		18 F.L.
				8624		18 T.C.
				8560	16'L E.G.	
				8543	18" F.L.	
				8627	18" T.C.	
2+66	NORTH	(27) S.M.H.		8612	N. rim	12'R T + D = FL
				7850	11" Inlet N.	6.70 .92 7.62
				7873	9" " W.	6.64 .75 7.39
				7845	11" Outlet S.	6.75 .92 7.67
0+15	WEST			8544	℄ 135TH ST.	EDGE CROSS GUTTER
0+18				8540		F.L. " "
0+21				8548		EDGE " "

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 163
No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH BLVD. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes PETERSON Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L298 S & E #307 S-54

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
176+74.55				85 3	E.C F.B 1922-174	℄ SD
176+94				85 7		℄ SD
				86 06		43' R
				85 90		45 "
				86 54		45 "
				85 90	13' L	
				85 72	15' "	
				86 35	15 "	
177+34				86 5	(DIRT)	℄ S.D
				86 74		43' R
				86 65		45' "
				87 30		45' "
				86 72	13' L	
				86 55	15' "	
				87 20	15 "	
B.M KV-99				87 18	BM KV-99 EL 87.18	FB 1922-191
					151S AVE & 135 TH ST	N. W. COR
					BT. SPK. IN CB 50' W. OF W. END C.R.	

SELF READING ROD

F. B. 1959 Pg. 164 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of MANHATTAN BEACH BLVD. S.D. Date Date No.
Survey by ENGLISH Notes PETERSON Notes Chkd. Checked X-Sec.
Indexed E. C. Johnson Date Date Date No.

7GL293 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
177+80		(28) SM H		8775	N. rim	40' R T + D - FL
				8039	9" Inlet W.	6.66 .25 7.41
				8022	9" Outlet E.	6.78 .25 7.53
178+00				882		(DIRT) ℄ S.D
				8841		43' R E.G.
				8825		45' " F.L.
				8888		45' " T.C.
				8845	13' L E.G.	
				8830	15' " F.L.	
				8897	15' " T.C.	
179+00				904		(DIRT) ℄ S.D
				9090		43' R E.G.
				9077		45' " F.L.
				9138		45' " T.C.
				9106	13' L E.G.	
				9090	15' " F.L.	
				9155	15' " T.C.	

Profile Notes Rod. ____ Plotted ____ Job No. 622100 Division No. 16 F. B. 1959 Pg. 165
No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH GLYD. S.D
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENSLISH Notes PETERSON Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 S & E #307 9-54

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
180+00				[illegible]7	(DIRT)	℄ S.D
				[illegible]01		43' R E.G.
				9185		45 " F.L.
				9248		45 " T.C.
				9215	13' L E.G.	
				9209	15 " F.L.	
				[illegible]67	15 " T.C.	
181+00				909	(DIRT)	℄
				9109		43' R E.G.
				[illegible]95		45 " F.L.
				9158		45 " T.C.
				[illegible]01	13' L E.G.	
				[illegible]5	15 " F.L.	
				[illegible]2	15 " T.C.	
181+30		(29) SMH		9069	W RIM	39' R
				8121	9" INLET W T. 8.73	+ D = F.L. 75 9.48
				8114	9 OUTLET E 8.80	75 9.55

F. B. 1959 Pg. 166 Job No. 6221.00 Division No. 10 Notes Red. Plotted No. Profile
Survey of MANHATTAN BEACH BLVD. S.D. Date Date X-Sec.
Survey by ENGLISH Notes PETERSON Notes Chkd. Checked
Indexed E. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
182+00				903	(DIRT)	℄ S.D.
				9041		43' R E.G.
				9023		45 " F.L.
				9088		45 " T.C.
				9055	13' L E.G.	
				9041	15' " F.L.	
				9104	15' " T.C.	
183+00				903		℄ S.D.
				9026		43' R E.G.
				9009		45 " F.L.
				9074		45 " T.C.
				9035	13' L E.G.	
				9022	15' " F.L.	
				9087	15' " T.C.	
184+00				901		℄ S.D.
				9015		43' R E.G.
				9000		45 " F.L.
				9064		45 " T.C.
				9021	13' L E.G.	
				9008	15' " F.L.	
				9075	15' " T.C.	

Profile Notes Red. _____ Plotted _____ Job No. 6221.00 Division No. 10 F. B. 19559 Pg. 167
No. _____ Date _____ Date _____ Survey of MANHATTAN BEACH BLVD. S.D.
X-Sec. Notes Chkd. _____ Checked _____ Survey by ENGLISH Notes PETTIJOHN Date 4-5-5
No. _____ Date _____ Date _____ Map No. _____ Indexed by Thompson Date _____

76L293 S & E #307 9-54

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
185+00				897	(DIRT)	℄ S.D
				9000		43' R E.G.
				8985		45' " F.L.
				8947		45' " T.C.
				9004	13' L E.G.	
				8991	15' " F.L.	
				9057	15' " T.C.	
186+00				896	(DIRT)	℄ S.D
				8982		43' R E.G.
				8965		45' " F.L.
				9028		45' " T.C.
				8984	13' L E.G.	
				8973	15' " F.L.	
				9035	15' " T.C.	
186+95				894	(DIRT)	℄ S.D
				8961		43' R E.G.
				8947		45' " F.L.
				9010		45' " T.C.
				8963	13' L	
				8951	15' "	
				9010	15' "	

F. B. 1459 PG. 168 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of MANHATTAN BEACH BLVD. S.D. Date Date No.
Survey by ENGLISH Notes PETERSON Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
187+35				895	(DIRT)	℄ S.D
				8954		43' R E.G.
				8932		45 " F.L.
				9000		45 " T.C.
				8955	13' L E.G.	
				8936	15' " F.L.	
				9005	15' " T.C.	
187+99.63				894	℄ INT S.D ℄ JUDAH = 0+00 NORTH ALONG ℄ JUDAH (DIRT)	
0+39	NORTH	(30) SM H		8917	12' L (W RIM)	
				8287	9" Inlet N.	T +D → FL 5.55 .75 6.30
				8276	9" Outlet E.	5.66 .25 6.41
0+41.5	NORTH			8939		℄ JUDAH EDGE X GUT.
0+44.5	"			8931		" F.L. "
0+47.5	"			8940		" EDGE

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 169
No. ____ Date ____ Date ____ Survey of MAN GATTON BEACH BLVD. SD.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes PETERSON Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+82				89 92		℄ JUDAH
				89 74		9' R W/4
				89 48		17 " E.G.
				89 36		18 " F.L.
				89 04		18 " T.C.
				89 71	9 L W/4	
				89 47	17 " E.G.	
				89 37	18 " F.L.	
				89 27	18 " T.C.	
2+80		S.M.H. (31)		89 14	12' L (S. RIM)	
				89 98	9" Inlet N.	T+ D − FL
				89 09	"	5.41 .75' 6.16
				89 15	"	5.30 " 6.05
						5.44 " 6.19
188+64				89 9	(DIRT)	℄ S.D
				89 7		43 R E.G.
				89 26		45 " F.L.
				89 13		45 " T.C.
				89 16	13' L E.G.	
				89 00	15' " F.L.	
				89 65	15' " T.C.	

F. B. 1959 Pg. 170 Job No. 6221 00 Division No. 10 Notes Red. Plotted Profile
Survey of MANHATTAN BEACH BLVD. S.D. Date No. X-Sec.
Survey by ENGLISH Notes DETERSON Notes Chkd. Checked
Indexed E. C. Johnson Date Date No.

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
188+93				887	(DIRT)	℄ S.D.
				8914		43' R E.G.
				8900		45' " F.L.
				8958		45' " T.C.
				8914	13' L E.G.	
				8898	15' " F.L.	
				8964	15' " T.C.	
189+19 A6				887	B.C. FB. 1922-176	
BM KV-101				8961	BM KV-101 (EL. 89.61 .62)	FB 1922-193
			Note:		℄ Int. 135th St. & Aviation Blvd.	F.B. 1922-156
					= 3+00 going N. on ℄ "	
0+70.5				8839	or ℄ "	
		For elev. of		8812		12 R ed. pv.
		60" R.C.P.		878		18 " F.L.
		at this		896		35 " B.
		Int.		8795	11 L	
		F.B. 1922-198		872	19 " Same	
				878	30 "	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 15 F. B. 1959 Pg. 171
No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH BLVD. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes PETERSON Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
1+70 5				8900		℄ Aviation
				8869		12 R Same
				884		18 "
				902		35 "
				8856	11 L	
				880	19 " Same	
2+20 5				874	30 "	
				8925		℄ Aviation
				8845		12 R. ed pr.
				8866		28 " E.G.
				8850		30 " B. cb.
				8845		30 " T. " (end cb.)
				8871	11 L	
				876	19 " Same	
				8[illegible]	30 "	
3+00				8[illegible]3	℄ Int. 135th	℄ Aviation
				8[illegible]3		12 R. E.P.
				8[illegible]6		28 " E.G.
				8[illegible]5		31 " F.L.
				8[illegible]4		34 " E.G.

F. B. 1959 Pg. 172 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. S.D. Date Date No.
Survey by English Notes E.F.S. Notes Chkd. Checked X-Sec.
Indexed E. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. B.	ELEV.		
3+00				8910	11 L E.P.	
				882	19 " Brk.	
				880	30 " "	
189+90 24				8951	E.C. F.B. 1922-176	
190+41				8948		℄ S.D.
				8916		7 R. ed. pv.
				8900		22 5 " E.G.
				8885		24 5 " B. cb. (end cb.)
				8949		" " T. cb.
				8959	5' L cr.	
				8917	17 L E.P.	
				890	23 " Brk.	
				888	35 " "	
191+00				8958		℄ S.D.
				8927		7' R E.P.
				891		1.6 " Brk.
				906		20 " "
				8965	5 L. cr.	
				8920	17 L. E.P.	
				890	23 " Brk.	
				895	35 " "	
T.P.				8953	E.C.	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 173
No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH BLVD SP.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes ENGLISH Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed E. C. Johnson Date ____

76L298 S & E #307 5-54

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F. B. 1959 Pg. 174 Job No. 6221.00 Division No. 10 Notes Red. Plotted. Profile No.
Survey of MANHATTAN BEACH BLVD. S.D. Date Date X-Sec. No.
Survey by ENGLISH Notes ENGLISH Notes Chkd. Checked
Indexed K. C. Johnson Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.		
192+00				89.96		℄ S.D.
				89.66		7 R
				89.4		16 " Same
				89.1		20 "
				90.05	5 L	CR.
				89.90	17 "	
				89.5	23 " Same	
				92.8	35 "	
193+00				90.21		℄ S.D.
				89.99		7 R
				89.8		16 " Same
				93.8		20 "
				90.27	5 L	
				90.05	17 "	
				89.8	23 " Same	
				92.0	35 "	
194+00				90.1		℄ S.D.
				89.80		7 R
				89.3		16 " Same
				90.8		20 "

76L298 S & E #307 9-34

PLEASE RETURN TO
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STATION	B. S.	H. I.	F. S.	ELEV.		
194+00				90 21	5 L cr.	
				89 93	17 "	
				89 5	23 " Same	
				91 5	35 "	
194+85				89 7	Top Conc H-Wall	15' R. (broken)
"				88 10	F.L. 12 " Pipe	15' R.
"				88 10	F.L. 12 " "	30' L.
195+00				90 38		℄ S.D.
				89 98		7 R E.P.
				89 2		16 " B.B.
				90 0		20 "
				90 2		24 " T.B.
				88 9		26 " B.B.
				88 5		30 " "
				91 5		37 " T.B.
				94 04	5 L. cr.	
				89 98	17 " E.P.	
				89 4	24 " Brk	
				87 5	25 " "	
				87 7	28 " "	
				89 2	31 "	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 622100 Division No. 10 F. B. 1959 Pg. 175
Date ____ Date ____ Survey of MANHATTAN BEACH BLVD S.D.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes ENGLISH Date 4-55
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
196+00				90 53		℄ S.D.
				90 24		17' R
				89 7		17 "
				90 8		20 "
				90 2		24 "
				89 3		26 "
				89 1		30 "
				91 7		37 "
				90 60	15' L	
				90 [illegible]	17 "	
				89 9	24 "	
				89 2	25 "	
				89 1	28 "	
				90 5	31 "	
197+00				90 20		℄ S.D.
				90 [illegible]		7' R E.P.
				90 [illegible]		17 BRK
				90 2		25 "
				89 2		31 "
				9[illegible]		35 "

F. B. 1959 Pg. 176 Job No. 6221.00 Division No. 10 Notes Red. Plotted No. Profile
Survey of MANHATTAN BEACH BLVD S.D. Date Date X-Sec.
Survey by ENGLISH Notes ENGLISH Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

761298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
197+00				90 80	5' L	CR.
				90 65	17 "	E.P
				90 43	24 "	BRE
				88 6	25 "	"
				88 3	28 "	"
				92 6	31 "	"
198+00				91 15		℄ S.D.
				90 83		7 R
				90 88		17 "
				91 5		25 " Same
				89 5		31 "
				92 1		35 "
				91 21	5 L	
				90 90	17 "	
				90 6	24 "	
				88 8	25 " Same	
				88 6	28 "	
				92 2	31 "	
198+28±				89 64	25' L	F.L. 24 " I.P. - S.D.
199+11±				91 46	Top R.R. Track	℄ S.D.
199+14±				91 48	Pvmt	" "

Profile Notes Red. _____ Plotted _____ Job No. 6221.0 Division No. 10 F. B. 1959 Pg. 177
No. _____ Date _____ Date _____ Survey of MANHATTAN BEACH BLVD. S.D.
X-Sec. Notes Chkd. _____ Checked _____ Survey by ENGLISH Notes ENGLISH Date 4-55
No. _____ Date _____ Map No. _____ Indexed _____ Date _____

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
199+17 2				9 48	Top R.R. Track	
199+23.49				9 51	℄ Int. S.D. & R.E. R.R.	F.B. 1922-177
199+31				9 43		℄ S.D.
				9 26		7 R E.P.
				9 0		25 "
				9 46	5' L. cr.	
				91 31	14 " E.P.	
				91 28	21 " Brk	
				89 17	25 " F.L.	12" I.P. - S.D.
				9 6	30 " Brk	
200+00				91 28		℄ S.D.
				90 2		7 R Same
				90 3		25 "
				91 9	5 L cr.	
				91 0	14 " E.P.	
				91 00	21 " Brk	
				8 [illegible]	23 " "	
				89 5	27 " "	
				91 4	30 " "	

F. B. 1959 Pg. 178

Job No. 622100 Division No. LO Notes Red. Plotted Profile

Survey of MANHATTAN BEACH BLVD. S.D. Date Date No.

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

Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-34

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
201+00				91 50		℄ S.D.
				91 12		7 R. Same
				90 7		25 "
				91 71	5 L	
				[illegible] 50	14 "	
				91 1	21 "	
				89 2	23 " Same	
				89 0	27 "	
				91 2	30 "	
201+54'				88 71	32' L. F.L. 24	" I.P. - S.D.
202+00				91 84		℄ S.D.
				91 45		7 R Same
				90 7		25 "
				91 96	5 L Cr.	
				91 79	14 " E.P.	
				91 59	30 " conc. Dr.	
202+35				89 14	30' L. F.L.	" I.P. - S.D.
T.P.				91 46	Spk.	
K.V. - 12				91 14	K.V. -12, el.= 91.14, F.B. 1922-194	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 179
No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH BLVD. SD.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes ENGLISH Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____
A. C. Johnson

76L290 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
203+00				91 97		℄ S.D.
				91 52		7 R
				91 4		25 " Same
				9[illegible] 07	5 L	
				91 74	16 "	
				9[illegible] 3	24 "	
				9[illegible] 0	26 "	
				9[illegible] 0	30 "	
				9[illegible] 3	32 " Same	
204+00				91 79		℄ S.D.
				91 41		7 R
				91 2		25 " Same
				91 90	5 L	
				9[illegible] 6	16 "	
				90 9	24 "	
				89 6	26 " Same	
				8[illegible] 6	30 "	
				90 7	32 "	

F. B. 1959 Pg. 180 Job No. 6221-00 Division No. 10 Notes Red. Plotted Profile
Survey of MANHATTAN BEACH BLVD S/D Date Date No.
Survey by ENGLISH Notes ENGLISH Notes Chkd. Checked X-Sec.
Indexed ~~K. C. Johnson~~ Date Date Date No.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
204+40				89 10	29' L	F.L. 12' I.P. - S.D.
204+93				89 31	30' "	" 12" " "
205+00				91 59		℄ S.D.
				90 84		12 R. E.P.
				90 6		25 R.
				91 72	5 L	
				91 95	16 "	
				90 8	24 "	Same
				89 7	26 "	
				89 8	30 "	
				91 4	32 "	
206+00				91 58		℄ S.D.
				90 91		12 R Same
				91 3		25 "
				91 69	5 L	
				91 29	16 "	
				91 0	24 "	Same
				90 0	26 "	
				90 0	30 "	
				91 0	32 "	

Profile Notes Rod_____ Plotted_____ Job No. 622.100 Division No. 10 F. B. 1959 Pg. 181
No._____ Date_____ Date_____ Survey of MANHATTAN BEACH BLVD. S.D.
X-Sec. Notes Chkd._____ Checked_____ Survey by ENGLISH Notes ENGLISH Date 4-55
No._____ Date_____ Date_____ Map No._____ Indexed Johnson Date_____

76L293 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
207+00				91 57		℄ S.D.
				91 00		12 R Same
				9[illegible] 3		25 "
				91 63	5 L	
				91 36	16 "	
				91 1	24 "	Same
				9[illegible] 2	26 "	
				9[illegible] 2	30 "	
				92 0	32 "	
T.P.				91 02		
208+00				9[illegible] 82		℄ S.D.
				90 [illegible]2		12 R
				90 [illegible]		25 "
				91 [illegible]5	5	
				91 29	16 Same	
				9[illegible] [illegible]8	24	
				89 [illegible]4	26' L	F.L. 12" I.P. - S.D.
				[illegible]	32	
208+10				89 [illegible]4	26' L	" 12 " " "

F. B. 1959 Pg. 182 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of MANHATTAN BEACH BLVD. S.D. Date Date No.
Survey by ENGLISH Notes ENGLISH Notes Chkd. Checked X-Sec.
Indexed E. C. Johnson Date Date Date No.

76L293 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
208+92				91.33		℄ S.D.
				90 25		12 R Same
				90 4		25 "
				91 50	5 L	
				91 30	16 "	
				91 3	24 " Same	
				90 08	26' L. F.L. 1'	I.P. - S.D.
				91 3	32 " T.B.	
209+08				90 12	26' L F.L. 1'	I.P. - S.D.
210+00				91 28		℄ S.D.
				90 54		13 R Same
				91 2		25 "
				91 50	3' L. cr	
				91 49	18 L. E.P.	
				90 1	33 L Brk.	
				89 5	35 L "	
				89 5	41 " "	
				90 0	43 " "	
210+81 41				91 56	B.C. F.B. 1922 - 178	
210+98 83				91 50	E.C. " "	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 183
No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH BLVD. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes ENGLISH Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
211+00				91 50		℄ S.D.
				91 31		10 R W/4
				90 88		20 " E.P.
				90 9		30 "
				91 63	7 L W/4	
				91 31	15 " E.P.	
				90 0	30 "	
212+00				91 43		℄ S.D.
				91 22		10 R
				90 98		20 " Same
				91 1		30 "
				91 50	7 L	
				91 59	15 " Same	
				90 7	30 "	
K.V.=16				91 31	K.V. - 16 ; el. = 95.315, F.B. 1922-195	
T.P.				92 58		
213+00				91 73		℄ S.D.
				91 48		10 R
				91 16		20 " Same
				92 0		30 "

F. B. 1959 Pg. 184 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of MANHATTAN BEACH BLVD. S.D. Date Date No.
Survey by ENGLISH Notes ENGLISH Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
213+00				91 79	7 L	
				91 66	15 " Same	
				91 3	30 "	
213+60				91 92		℄ S.D.
				91 70		10 R
				91 38		20 " Same
				91 6		30 "
				91 82	7 L	
				91 54	15 " Same	
				91 5	30 "	
214+10				91 94		℄ S.D.
214+10				91 92		10 R
				91 52		20 " Same
				91 5		30 "
				91 69	7 L	
				91 50	15 " Same	
				91 2	30 "	
				92 35	Int. Aviation & El Segundo = 0+00 going N. E. & W. along ℄ St.s	F.B. 1922-158

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 185
No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH BLVD. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes ENGLISH Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
0+28 N.				[illegible]		℄ Aviation
0+56 N.				92 58	∡ Pt. FB 1922-158	
0+75 N.				92 70		℄ Aviation
				92 65		12 R. E.P.
				92 [illegible]		20 "
				92 55	10 L CY.	
				92 [illegible]	20 " W/4	
				91 [illegible]	42 " E.P.	
				92 3	52 "	
1+25 N.				92 76		℄ Aviation
				92 78		9 R. E.P.
				92 [illegible]		20 "
				92 57	10 L	
				92 [illegible]	20 "	
				92 [illegible]	30 " Same	
				92 2	40 "	
0+85 N.		Tel. M.H.		92 [illegible]	N. rim	40' L.
				84 30	rod 730	3 ot. conc. chamber

F. B. 1459 Pg. 186 Job No. 6221.00 Division No. 10 Notes Red. Plotted No. Profile
Survey of MANHATTAN BEACH BLVD. S.D. Date Date X-Sec.
Survey by ENGLISH Notes ENGLISH Notes Chkd. Checked
Indexed E. C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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905

18'

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+25 N.				93 02		℄ Aviation
				92 93		10 R
				92 8		20 " Same
				92 96		30 "
				92 77	10 L	
				92 49	20 " Same	
				92 7	30 "	
0+18 E.				92 32	E.P.	℄ El Segundo
Note: (El Segundo to the East is underconstruction no elev. taken)						
0+19 W.				91 90	Brk.	℄ El segundo
0+51 W.				94 05		℄ " "
0 51 "				93 09	Top conc. H-wall	43' R.
0+51 "				90 50	F.L. 12" S.D.-Pipe	" R.
0+53 "				90 21	" " " "	" "
0+53 "				91 38	Top 10' I.P.	46 R.
0+56 "				90 67	F.L. 12" S.D. Pipe	45' R.
0+56 "				90 51	" " " "	47' R.
0+						

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F.B. 1959 Pg. 187
No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH BLVD.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes ENGLISH Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L293 S & E #307 9-54

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F. B. 1959 Pg. 188 Job No. 622100 Division No. 10 Notes Red. Plotted Profile No.
Survey of MANHATTAN BEACH BLVD S.D. Date Date X-Sec. No.
Survey by ENGLISH Notes ENGLISH Notes Chkd. Checked
Indexed K. C. Johnson Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.		
0+50 W.				9[illegible]25	46 L' Top conc. H-Wall	
0+50 W.				9[illegible]34	46 L' F.L. 12" S.D. pipe	
0+52 W.				9[illegible]34	" " " "	" "
0+55 W.				9[illegible]50	48 5 L. " "	" "
0+68 W.				95 26	Brk.	℄ El Segundo
0+72 W.				95 28	Top R.R. Track.	℄ " "
0+74 5 W.				95 19	Pv.	℄ " "
0+77 W.				95 16	Top R.R. Track.	℄ " "
0+75 W.				95 18		18 R. W/4
				95 13		35 " E.P.
				95 17	18 L W/4	
				9[illegible]4	35 " E.P.	
0+85 5 W.				93 14	Top conc. H-Wall	47' R.
0+86 5 W.				9[illegible]5	Top 10" I.P.	47' R.
"				9[illegible]97	F.L. 12" S.D. pipe	47' R.
"				9[illegible]99	" " " "	48 5 R.
0+92' W.				9[illegible]	46' L. Top conc. H-Wall	
"				9[illegible]23	" F.L. 12"	S.D. pipe

Note: (Due to 2' of Water unable to locate 78" R.C.P. - Per Plan)

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+18 W.				92 76	Top 12" (℄ Pt.) I.P.	47' R.
1+35 W.				95 27	Top (rim) Conc M.H.	43' R. (Unable To open)
1+35 W.				94 16		℄ El Segundo
				94 10		17 R W/4
				93 74		34 " E.P.
				94 06	17 L Same	
				93 83	34 "	
2+35 W.				93 18		℄ El Segundo
				93 08		17 R
				92 70		34 " Same
				92 95	17 L Same	
				92 57	34 "	
[illegible]				95 31	KU-16 EL 95.315	FB 1922-195

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F.B. 1959 Pg. 184
No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH BLVD. S.D.
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes ENGLISH Date 4-55
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

B. 1959 Pg. 190

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd Checked X-Sec.

Indexed Date Date Date No.

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

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76L298 S & E 7307 9-54

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Notes Ck'd by	Survey of Manhattan Beach Blvd. F.B. 1959 Pg. 191
Map No.	W. O. 6221.00 Tape No. 0148 St'd. 68° °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 3-56
Date	Indexed K. C. Johnson 3-20-56

MANHATTAN BEACH BLVD.

STORM DRAIN

PROJECT Nº 12

J.N. 6221.00

TOPOGRAPHY

MANHATTAN BEACH BLVD.

FROM:

DOMINGUEZ CHANNEL

TO:

PARIRIE AVE.

March 1956
English
Smiley
Peterson & Santucci
Foulger

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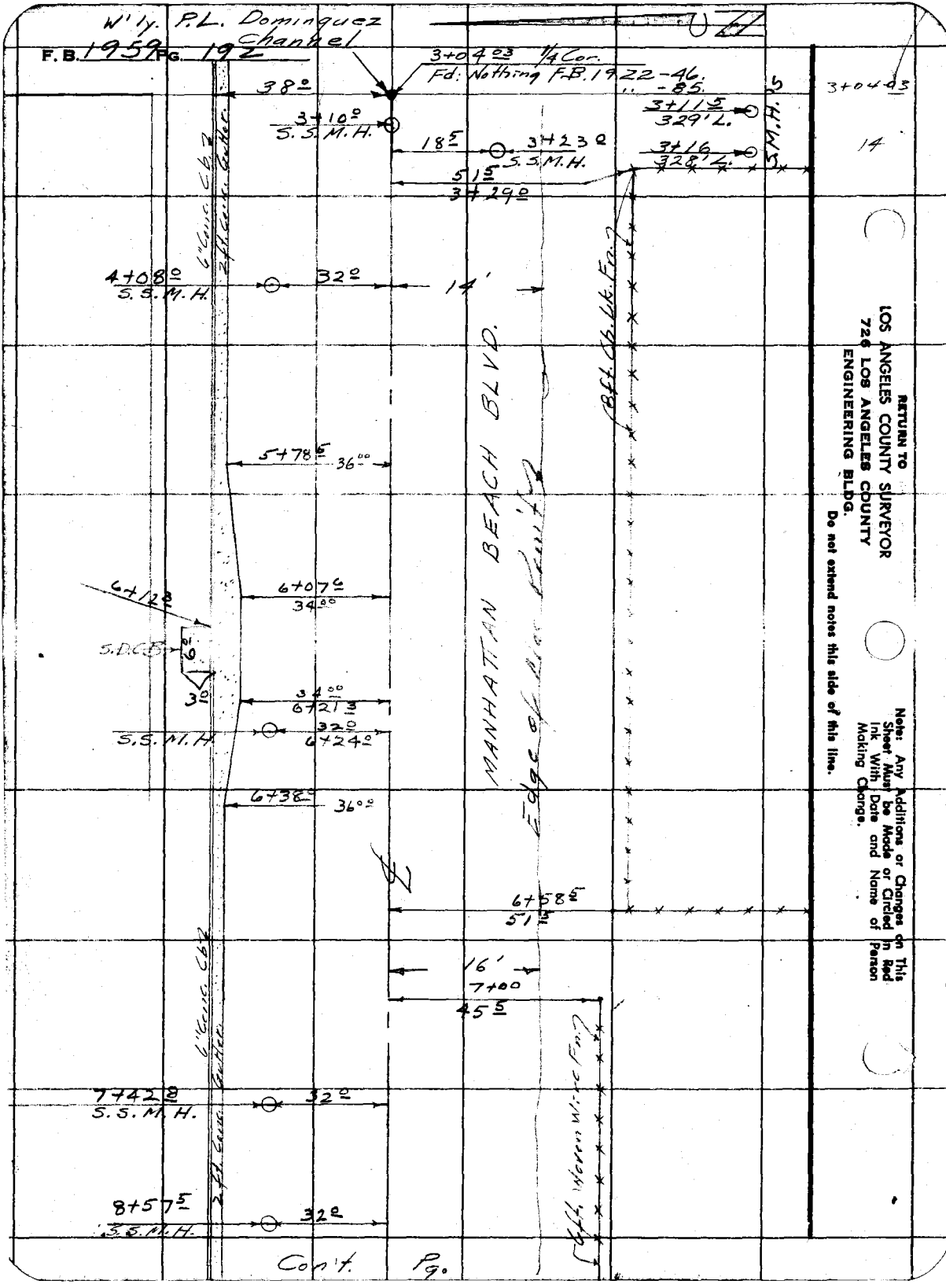
ENGINEERING BLDG.

76F309S S&E #247. 8-54



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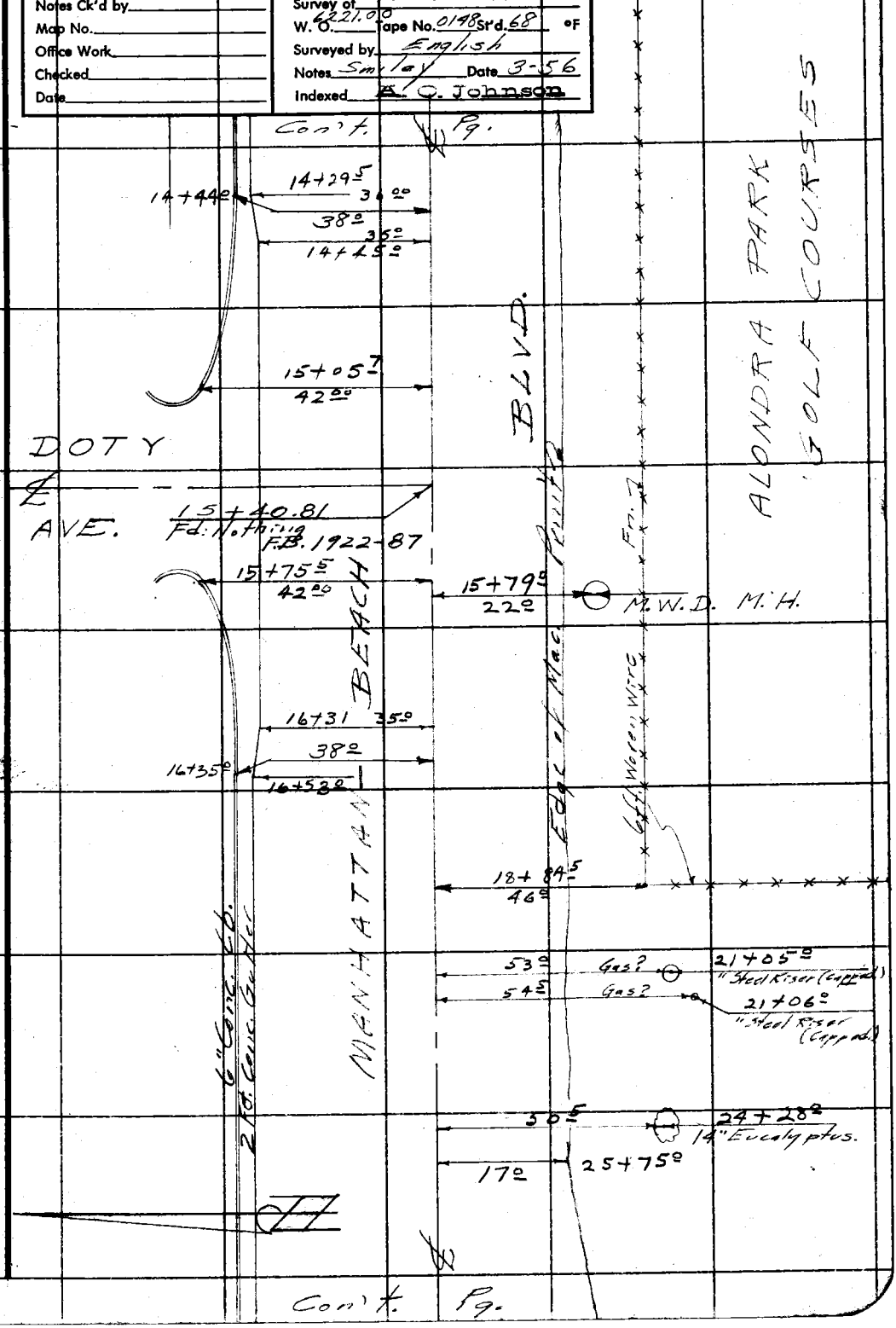
Notes Ck'd by	Survey of Manhattan Beach Blvd
Map No.	W. O. 6221.00 Tape No. 0148 St'd. 68 °F
Office Work	Surveyed by English
Checked	Notes Smiley Date 3-56
Date	Indexed E. O. Johnson

F. B. 1959 Pg. 193

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

Do not extend notes this side of this line.

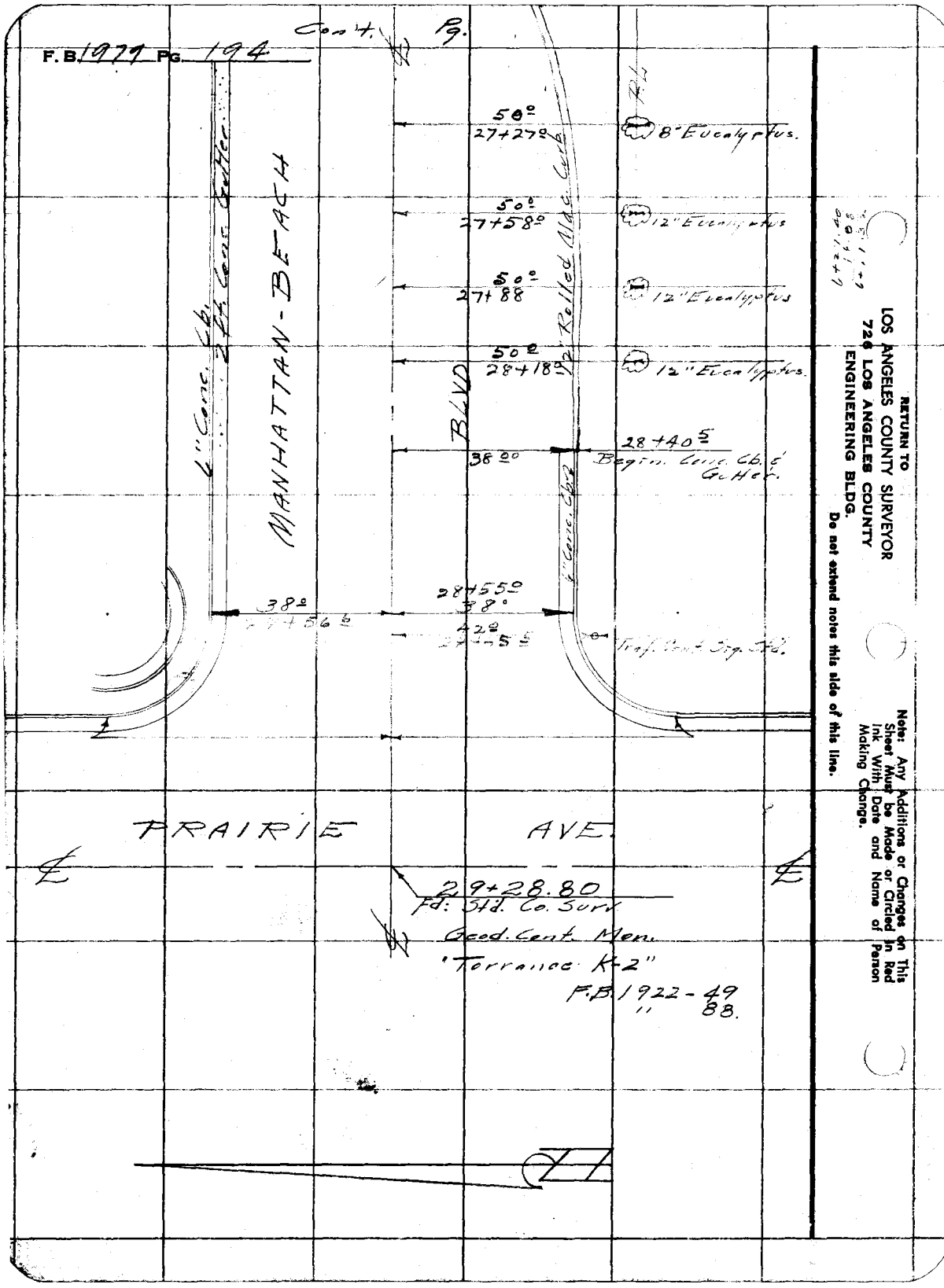
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.



76F3099 S&E #247. 8-54

Con't. Pg.

F.B. 1977 Pg. 194



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726 LOS ANGELES COUNTY
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Profile No.	Notes Red.	Plotted	Job No. 6221.00	Division No. 10	F. B. 1959 Pg. 95
	Date	Date	Survey of Manhattan Beach Blvd.		
X-Sec. No.	Notes Chkd.	Checked	Survey by English	Notes Ed	Date 3-56
	Date	Date	Map No.	Indexed Johnson	Date

MANHATTAN BEACH
BLVD.
STORM DRAIN
PROJECT No 12

J.N. 6221.00

CROSS SECTIONS
MANHATTAN BEACH
BLVD.
FROM:
DOMINGUEZ CHANNEL
TO:
PRAIRIE AVE.

ELEV.	March 1956 English Smiley
F. B.	Peterson & Santucci Foulger
H. I.	
B. S.	
STATION	

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PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

761.298 307 8-53

76L298 307 8-53

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
fd.						
BM. KV-44				44 22	K.V. - 44, el. = 44.216, F.B. 1922-29	
2+41.52					℄ Int. Manhattan Beach Blvd. & Dominguez	
					channel, F.B. 1922-46	
					= 0+00 going N. E. & S. on ℄s	
0+00 N.				44 68	cr.	℄ Dominguez ch.
0+38 N.				44 15	Bot. wood cb.	℄ " "
0+38 N.				45 09	T. " "	℄ " "
0+44.0 N.				45 24	ed. Bridge	℄ " "
0+44 N.				33 3	F.L.	℄ " "
0+50 N.				33 5	F.L.	℄ " "
				34 5		20' R B.B.
				44 6		42' " T.B.
				45 5		62.5' " P.L.
				33 5	21.5 L B.B.	
				45 4	45.5 L T.B.	
				45 5	62.5 L. P.L.	
0+60.7 N.				36 62	28.5 L. F.L. 36"	Conc. S.D. pipe
0+64.7 N.				36 56	28.5 " " 36"	" " "
+68.7 N.				36 58	28.5 " " 36"	" " "
1+50 N.				33 8	" "	℄ Dominguez Ch.
				34 4		20' R. B.B.

Self reading rod used

F. B. 1979 Pg. 196 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. Date Date No.
Survey by English Notes Ed Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

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.		
1+50 N.				456		42 R. T.B.
				470		62.5 R. P.L.
				332	21 L B.B.	
				457	45 " T.B.	
				455	62.5 " P.L.	
0+31.0 E				3626	F.L. 24" Corri. I.P. - S.D.	42.5' L
0+50 E				4471		℄ Manhattan Beach Blvd.
				4449		12.5 R. ed. Rd.
				4414		20.5 " T.B. (mac.)
				4299		22.5 " B.B. "
				4345		25 " ed. mac.
				443		50 " (DIRT)
				4454	9.5 L cr.	
				4434	22.5 " w/4	
				4382	36 " ed. gut.	
				4361	38 " B. cb.	
				4459	38 " T. "	
0+99 E				4384	34 L. ed. gut.	
				4332	38 " B. cb.	(Catch Basin)
				4423	38 " T. "	
0+92.0				4125	40 " F.L. "	S.D. Pipe

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F.B. 1959 Pg. 192
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 3-56
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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. 44 07 S.E. COR BRIDGE B.T.S.P.K. IN H.W. for L.I.P.		
1+50 E.				44 74		℄ Manhattan Beach Blvd
				44 50		13.5 R. ed. pv.
				43 75		36 " ed. gut.
				43 54		38 " B. cb.
				44 22		38 " T. "
				44 66	10 L cr.	
				44 34	23 " W/4	
				43 87	36 " ed. gut.	
				43 72	38 " B. cb.	
				44 38	38 " T. "	
0+12.5 S.				44 40	ed. Rd.	℄ Dominguez ch.
0+18.5 "				44 46	ed. Bridge	℄ " "
0+18.5 "				[illegible]	F.L.	℄ " "
0+26.0 "				36 45	F.L. 18x30" (EGG SHAPED) Corr. S.D. Pipe	31' R.
				42 16	" " " " "	50' R.
0+22.5 S.				34 73	26' L. F.L. 18" Corr. S.D. pipe	
				42 57	45.5' L. " " " " "	
0+38.5 S.				36 24	30.5' L " 18" Conc. " "	
0+50 S.						℄ Dominguez ch.
						21 R. B.B.
						48 " T.B.
						62.5 " P.L.

F. B. 1979 Pg. 198 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. Date Date No.
Survey by ENGLISH Notes Ed Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

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.

B.M. 44.22

STATION	S. S.	H. I.	F. S.	ELEV.		
0+50 S.				330	19' L B.B.	
				441	44' " T.B.	
				446	62.5 " P.L.	
1+00 S				330	℄ CHANNEL	
				333		21 R B.B
				482		48 " T.B.
				483		58 " T.B.
				460	Note:	68 " B.B.
				459		62.5 " P.L
				332	19' L BB	
				444	44 " T.B	
				446	62.5 " PL	
1+50 S				332	℄ Channel	
				337		21 R. B.B.
				477		48 " T.B.
				475		58 " T.B.
				459	Note:	68 " B.B.
				462		62.5 " P.L.
				336	19' L. B.B.	
				446	44 " T.B.	
				450	62.5 " P.L.	

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F.B. 1959 Pg. 193
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 3-56
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. 1959 Pg. 200 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. Date No.
Survey by English Notes Ed. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
3+10 ℄		S.M.H.	Note: unable to get F.L. elev.	44.45	Av. rim	℄ M. B. Blvd.
				37.02	Inlet N. - Rod 7.43	(inside) (unable to get Top pipe (F.L.)
				37.12	Outlet S. - 7.43	" " (" ")
3+16 ℄		S.M.H.		45.20	328' L.	Av. rim
				36.18	Inlet N. - Rod 8.22	- inside top pipe
				36.54	" W. 8.66	- " " "
				37.14	Outlet S. 7.96	- " " "
3+11 ℄		S.M.H.		45.15	329' L.	Av. rim
				36.85	Inlet N. - 8.30	- inside top pipe
				37.03	Outlet S. - 8.12	- " " "
3+23 ℄		S.M.H.		[illegible]	185' L.	Av. rim
				37.02	Inlet N. - ~~6.26~~ 7.93	- inside top pipe
				35.70	" N.W. - ~~8.78~~ 8.35	- F.L. 8" "
				37.23	Outlet S - ~~6.32~~ 6.82	- inside Top "

E.F.E. 7-30-56

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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3.11.44.22

STATION	B. S.	H. I.	F. S.	ELEV.		
3+04 03				4455		℄ Manhattan Beach Blvd. - 1/4 Cor. - - 96 F.B. 1922
				4453		10 R. cr.
				4453		23 " w/a
				4434		36 " ed. gut.
				4418		38 " B. cb.
				4430		38 " T. "
				4445	19' L.	pv.
				4446	21' L	T.B.
				4313	25 "	B.B. (S.P. Pitch)
				4444	29 "	T.B.
				4476	50' "	
3+50				4439		℄ M.B. Blvd.
				4442		10 R
				4444		23 "
				4427		36 " Same
				4410		38 "
				4423		38 "
				4420	12 L.	pv.
				4434	24 "	B.B.
				4454	32 "	T.B.
				4459	50 "	

Profile No. ____ Date ____
X-Sec. No. ____ Date ____
Notes Red ____ Plotted ____ Date ____
Notes Chkd ____ Checked ____ Date ____
Job No. 6221.00 Division No. 10 F. B. 1757 Pg. 29
Survey of Manhattan Beach Blvd.
Survey by English Notes Ed. Date 3-56
Map No. ____ Checked Johnson Date ____

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
4+00				4[illegible]7		℄ M.B. Blvd.
				4[illegible]1		10 R
				4[illegible]32		23 " Same
				4[illegible]5		36 "
				[illegible]		38 "
				[illegible]		38 "
				[illegible]	14' L Pv.	
				4[illegible]	24 "	
				4[illegible]	32 " Same	
				4[illegible]	50 "	
4+08.0		S.M.H.		[illegible]5	Av. rim	32' R
				Trap	"Inlet	- (T. + D. = F.L. Unable to get Elev.)
			7-30-56 E.F.E.	~~36.15~~	8" Outlet	~~7.52 + 0.67 = 8.19~~
				36.23		7.45 + 0.67 = 8.12
5+00				4[illegible]		℄ M.H. Blvd.
				4[illegible]		10
				4[illegible]		23 R.
				4[illegible]		36 Same
				4[illegible]		[illegible]
				4[illegible]		[illegible]

F. B. 1959 PG. 202 Job No. 6221.00 Division No. 10 Notes Red. Plotted Date No. Profile
Survey of Manhattan Beach Blvd. Date Checked Date No. X-Sec.
Survey by English Notes Ed Notes Chkd Date
Indexed A. C. Johnson Date

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
5+00				4406	14' L	
				437	24 "	Same
				459	32 "	
				464	50' "	
T. P.				4420	SPK.	
6+00				4435		℄ M. B. Blvd.
				4439		10
				4426		23 R.
				441[illegible]		36 Same
				4389		38
				4449		38
				4421	14 L	ed. pv.
				436	24 "	
				461	32 "	Same
				466	50 "	
6+15				4448		℄ M. B. Blvd.
				4438		10 R.
				4417		23 " Same
				4409		34 "
				4353		38 " (ctr. C.B.)
				4451		38 "
6+15				4094	F.L. 18" S.D. Pipe	40.5 "

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 263
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 3-56
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76298 S & E #307—7-55

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F. B. 1959 Pg. 204 Job No. 6221.00 Division No. 10 Notes Red. Plotted
Survey of Manhattan Beach Blvd. Date Date
Survey by English Ed. Notes Chkd. Checked
Indexed C. Johnson Date Date Profile No.
X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.			
7+00				[illegible]			℄ M. B. Blvd.
				[illegible]			10
				[illegible]			23 R.
				[illegible]			36
				[illegible]			38
				[illegible]			38 Same
				[illegible]	16 L		
				[illegible]	24 "		
				[illegible]	32 "	Same	
				[illegible]	50 "		
6+24		S.M.H.		4 [illegible]	Av. rim		32' R.
						T. + D. =	F.L.
				3 [illegible]	8" Inlet (W.)	6.90 + 0.67	7.57
				3 [illegible]	8" Inlet (E.)	6.88 + 0.67	7.55
7+42±		S.M.H.		[illegible]	Av. rim		32' R.
				3 [illegible]	8" Inlet (W.)	6.56 + 0.67 =	F.L. 7.23
				3 [illegible]	8" " (W.)	6.70 + 0.67	7.37
				3 [illegible]	8" Out. (E.)	6.70 + 0.67	7.37

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.

44.20

STATION	B. S.	H. I.	F. S.	ELEV.		
8+00				4479		℄ M.B. Blvd.
				4470		10
				4456		23 R.
				4436		36 Same
				4411		38
				4475		38
				4440	16 ∠	
				441	24 "	
				460	32 " Same	
				464	50 "	
8+57.5		S.M.H.		4458	Av. rim	32° R.
				3746	8" Inlet (N.W.)	T. 6.45 + D. 0.67 = F.L. 7.12
				3731	8" Outlet (E.)	6.60 + 0.67 = 7.27
				—		
				—		
9+00				4479		℄ M.B. Blvd.
				44[illegible]		10
				4474		23
				4445		36 R.
				4429		38 Same
				4497		38

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 205
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 3-56
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76298 S & E #307—7-55

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F. B. 1959 Pg. 206 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile No.
Survey of Manhattan Beach Blvd. Date Date X-Sec. No.
Survey by English Notes Notes Chkd. Checked
Indexed R. C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
9+00				[illegible]		
				[illegible]	16 L	
				[illegible]	24 "	
				[illegible]	32 "	Same
				[illegible]	50' "	
10+00				[illegible]		℄ M.B. Blvd.
				[illegible]		10
				[illegible]		23 R.
				[illegible]		36
				[illegible]		38 Same
				[illegible]		38
				[illegible]	16 L	
				[illegible]	24 "	
				[illegible]	32 "	Same
				[illegible]	50' "	
T.P.				[illegible]		
11+00				[illegible]		℄ M.B. Blvd
				[illegible]		10
				[illegible]		23 R.
				[illegible]		36
				[illegible]		38 Same
				[illegible]		38

76298 S & E #307—7-55

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

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

4-4-56

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
11+00				4 470	16 L	
				4 46	24 "	Same
				4 66	32 "	
				4 70	50 "	
12+00				[illegible]		℄ M. B. Blvd.
				[illegible]		10 R.
				[illegible]		23
				[illegible]		36 Same
				4 [illegible]		38
				4 [illegible]		38
				4 [illegible]	L	
				4 48	24 "	Same
				4 [illegible]	32 "	
				4 7[illegible]	50' "	
13+00				4 [illegible]		℄ M. B. Blvd.
				4 [illegible]		10 R
				4 [illegible]		23 "
				4 537		36 " Same
				4 5[illegible]		38 "
				4 579		38 "

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 207
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 3-56
No. ____ Date ____ Date ____ Map No. ____ Entered C. D. Dixon Date ____

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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49.99
6.05

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
13+00					6 L	
					24 "	
					32 "	Same
				4	50 "	
13+94						℄ M. B. Blvd.
						10 R.
						23
						36 Same
						38
						38
					L	
					24 "	
					32 "	
					50 "	
14+34						℄ M. B. Blvd.
						10
						23
						36 R. Same
						38
						38

F. B. 7959 Pg. 208 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. Date Date No.
Survey by English Notes Ed. Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson 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.		
14+34				4.537	16 L	
				4.51	24 "	
				4.73	32 "	
				4.76	50' "	
15+40.81				4.594	℄ Int. M.B. Blvd.	℄ Doty Ave. - F.B. 1922-87
				4.580		10 R
				4.564		23 " Same
				4.538		35 "
				4.527		38 " F.L.-out.
				4.563	16 L	
				4.52	24 "	
				4.73	32 " Same	
				4.76	50' "	
Ad. B.M.						
K.V. - 42				45.99	K.V. - 42, el. = 45.994, F.B. 1922-29	
					M.B. Blvd. & Doty - 25' ± E. of ℄ - Parkway S. cb.	
15+79 ±	M.W.D. - M.H.			4.570	22' L. - Av. rim - unable to open	
16+95 ±				4.667		℄ M.B. Blvd.
				4.665		10
				4.600		23
				4.589		36 R. Same
				4.568		38
				4.632		38

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 209
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 3-56
No. ____ Date ____ Date ____ Map No. ____ Checked Johnson Date

76298 S & E #307—7-55

PLEASE RETURN TO
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Do not extend notes this side of this line.

F. B. 1959 p. 210 | Job No. 6221.00 | Division No. 10 | Notes Red. | Plotted | Profile
Survey of Manhattan Beach Blvd. | Date | No.
Survey by English | Notes | Notes Chkd. | Checked | X-Sec.
Indexed ~~E~~ C. Johnson | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
16+45					12 L	
					24 "	
					32 "	Same
					50 "	
16+85						℄ M.B. Beach
						10
						23
						36 R. Same
						38
						38
					L	
					"	
					"	Same
					50 "	
17+00						℄ M.B. Blvd.
						10
						23
						36 R. Same
						38
						38

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
17+00				4577	16 L	
				455	24 "	
				477	32 "	Same
				477	50 "	
18+00				4539		℄ M.B. Blvd.
				4535		10
				4530		23
				4605		36 R.
				4583		38
				4651		38 Same
				4537	16 L	
				457	24 "	
				472	32 "	
				476	50 "	
T.P.				4625	T.P.K.	
19+00				4[illegible]		℄ M.B. Blvd.
				4[illegible]		10
				4655		23
				4[illegible]27		36 R.
				4607		38 Same
				4675		38

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 211
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 3-56
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76298 S & E #307—7-55

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F. B. 1959 Pg. 212 Job No. 6221.00 Division No. 10 Notes Red. Plotted
Survey of Manhattan Beach Blvd. Date Date No.
Survey by Engleh Notes Ed. Notes Chkd. Checked X-Sec.
Indexed E. Johnson Date Date Date No. Profile

STATION	B. S.	H. I.	F. S.	ELEV.		
19+00				4 9	16 L	
				4 5	24 "	Same
				4 3	32 "	
				4 2	50' "	
20+00				4 3		℄ M.B. Blvd.
				4 5		10
				4 6		23 R. Same
				4 7		36
				4 8		38
				4 8		38
				3 9	16 L	
				4 1	24 "	
				4 1	32 "	Same
				4 3	50 "	
21+00				4 2		℄ M.B. Blvd.
				4 3		10
				4 5		23
				4 6		36 R. Same
				4 8		38
				4 1		38

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
21+00						℄ M.B. Blvd.
						10
						23
						36 R.
						38 Same
						38
				4 664	16 L	
				4 64	24 "	
				4 66	32 "	Same
				4 75	50 "	
22+00				4 74		℄ M.B. Blvd.
				4 705		10
				4 69		23
				4 674		36 R.
				4 654		38 Same
				4 720		38
				4 674	16 L	
				4 67	24 "	
				4 7	32 "	Same
				476	50 "	
T. P.				4 69		

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 243
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 3-56
No. ____ Date ____ Date ____ Map No. ____ Rec'd Johnson Date ____

76298 S & E #307—7-55

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F. B. 1957 Pg. 214 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. Date Date No. X-Sec.
Survey by Engl. 56 Notes Ed. Notes Chkd. Checked
Indexed A. C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
23+00				[illegible]		℄ M. B. Blvd.
				[illegible]		10
				[illegible]		23
				[illegible]		36 R.
				[illegible]		38 Same
				[illegible]		38
				[illegible]	16 ∠	
				[illegible]	24 "	
				[illegible]	32 " Same	
				[illegible]	50 "	
24+00				[illegible]		℄ M. B. Blvd.
				[illegible]		10
				[illegible]		23
				[illegible]		36 R.
				[illegible]		38 Same
				[illegible]		38
				[illegible]	16 ∠	
				[illegible]	24 "	
				[illegible]	32 "	
				[illegible]	50 "	

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.		
25+00				4756		℄ M. B. Blvd.
				4754		10 R
				4741		23 "
				4723		36 " Same
				4704		38 "
				4769		38 "
				4716	16 L	
				467	24 "	
				473	32 "	
				477	50 "	
26+00				4771		℄ M. B. Blvd.
				4768		10 R
				4755		23 "
				4739		36 " Same
				4722		38 "
				4787		38 "
				4708	21 L	
				469	24 "	
				476	32 "	
				474	50 "	
T. P.				4756		

Profile Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 7959 Pg. 215
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd.
X-Sec. Notes Chkd. ____ Checked ____ Survey by English Notes Ed. Date 3-56
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76298 S & E #307—7-55

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7.56

F. B. 1959 PG. 216 Job No. 6221.00 Division No. 10 Notes Red Plotted
Survey of Manhattan Beach Blvd. Date Date
Survey by Emplish Notes Ed. Notes Chkd. Checked
Indexed E. C. Johnson Date Date Profile No. X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.		
27+00						℄ M. B. Blvd.
						5 R. cr.
						23 " W/4
						36 " ed. gut
						38 " B. cb.
						38 " T. "
					17 L	W/4
					22 "	Pv. Brk.
					34 "	B. mac. cb.
					35 "	T. " "
					50 "	
28+00						℄ M. B. Blvd.
						23 R W/4
						36 " ed. gut.
						38 " B. cb.
						38 " T. "
					19 L	
					19 "	
					37 "	Same
					38 "	
					50 "	

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.		
28+45				4 823		℄ M. B. Blvd.
				4 816		23 R.
				4 774		36 "
				4 755		38 " Same
				4 820		38 "
				4 804	23 L	
				4 764	36 "	
				4 750	38 " Same	
				4 812	38 "	
29+28.80				4 822	℄ Int. M.B. Blvd. & Prairie - F.B. 1922-49	
Fd. B.M.						
K.V.-39				48 21	K.V. - 39, el. = 48.209, F.B. 1922-28	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10 F. B. 1959 Pg. 317
X-Sec. No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd.
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by English Notes Ed. Date 3-56
Map No. ____ Date ____ Indexed Johnson Date ____

F. B. 1959 pg 218 Job No. 6221.00 Division No. 10 Notes Red. Plotted Profile

Survey of Manhattan Beach Blvd. Date Date No.

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

Indexed Date Date Date Date No.

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

76298 S & E #307—7-55

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F. B. 1959 Pg. 219

Profile No.	Notes Red.	Plotted	Job No. 6221.00	Division No.	
	Date	Date	Survey of Manhattan Beach Blvd. SD.		
X-Sec. No.	Notes Chkd.	Checked	Survey by Curtis	Notes C.T.M.J.	Date 2-57
	Date	Date	Map No.	Indexed	Date

JN 6221.00

MANHATTAN BEACH BLVD. S.D.

Invert Elevations

S.M.H's.

A.S. Curtis
E.T. Mankedr.
Ray. Rodriguez

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

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PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

761298 S & E #307 9-54

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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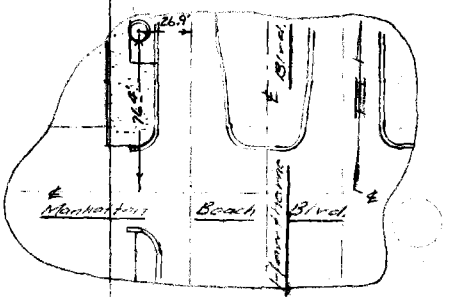
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
BM KV-33				55.36	BM KV-33 El 55.362 FB 1922-25 Intr. Hawthorne Blvd. & Manhattan Beach Blvd S.W. Cor. lead & nail 1' S. of S.C.R.
S.S.M.H. 26.9' W. of ℄ of W. lane of Hawthorne Blvd. & 76.4' N. ℄ Manhattan Beach Blvd. (Sta. 56+73 per FB 1922-222)					Outlet N. El. Rim 55.25' Rim to Inside top Pipe 5.95' Pipe Dia. .67' 48.63 ✓
Invert El. on 8" Outlet to North				48.63'	
(Dead End No Inlet)					
S.S.M.H. 300.9' W. ℄ W. lane Hawthorne Blvd. & 14.0' S. ℄ Manhattan Beach Blvd. (Sta. 59+47 per FB 1922-223)					Inlet W. El. Rim 56.45' Rim to Inside top Pipe 9.05' Pipe Dia. 0.67' 46.73' ✓ Outlet E. El. Rim 56.45' Rim to Pipe 9.27' Pipe Dia. 0.67' 46.51 ✓
Invert El. on 8" Inlet from W.				46.73'	
" " " 8" Outlet to E.				46.51'	
T.P.				56.44	
BM KV-32				57.53	BM KV-32 El 57.601 FB 1922-25 Intr. Grevillea Ave. & Manhattan Beach Blvd. S.E. Cor. 30' E. & 30' S. State Hwy. Brass Cap Mon. 3" deep (25' E. & 20' S. State Hwy. Brass Cap Mon.)



F. B. 1959 PG. 220 Job No. 622100 Division No. Notes Red. Plotted Profile
Survey of Manhattan Beach Blvd. SD Date Date No. X-Sec.
Survey by Curtis Notes Mankey Jr. Notes Chkd. Checked
Indexed Date Date Date No.

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM-KV-32				57.53	BM KV-32 El 57.601 per FB 1959-220	
	S.S.M.H. 90.0' N. of ℄ Intr. Manhattan Beach Blvd. & Grevillea Ave. on ℄ of Grevillea Ave.					
	(Sta. 62+73.23 FB 1922-224)				Outlet N. El. Rim 59.47' Rim to Inside top Pipe 8.48 Pipe Dia .67 50.32' ✓	
	Invert El on 8" Outlet to N.			50.32'		
	(Dead End No Inlet)					
BM KV-31				57.31' 57.32'	BM KV-31 El 57.307 FB 1922-25 Intr. Mansel Ave. & Manhattan Beach Blvd. ~~50' E.~~ of Intr. on S. (side) Bt. Spk in N.W. Cor. Conc. Slab; in front (BW Market #4534) (Note: 50' W.)	
	S.S.M.H. 88.5' N. ℄ Manhattan Beach Blvd & 50' E. of ℄ Mansel Ave.					
	(Sta. 65+70.5 FB 1922-225)				Outlet N. El. Rim 57.07' Rim to Inside top Pipe 7.46' Pipe Dia .67 48.94 ✓	
	Invert El on 8" Outlet to N			48.94'		
	(Dead End No Inlet)					

Profile Notes Red. ____ Plotted ____ Job No. 622100 Division No. ____ F. B. 1959 Pg. 221
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd. SD
X-Sec. Notes Chkd. ____ Checked ____ Survey by Curtis Notes ETMW Date 2/52
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. 1959 Pg. 222 | Job No. | Division No. | Notes Red. | Plotted | No. | Profile
Survey of Manhattan Beach Blvd. | Date | Date | X-Sec.
Survey by Curtis, Mankey & Co. | Notes | Notes Chkd. | Checked | Date | No.
Indexed | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.			
T.P.				55.65	BM KV-30 El 57.410 FB 1922-24 Intn Manhattan Beach Blvd. & Firmona Ave. SW. Cor.		
BM KV-30				57.41	Lead & nail in curb N.W. Cor. Cafe #4600		
55. J.C., 49' S. & Manhattan Beach Blvd. on ℄ Firmona Ave.							
(Sta. 7+33.59' FB. 1922-221)					Inlet E.	Inlet W.	Outlet N.
					El. Rim 55.31'	El Rim 55.31	El. Rim. 55.31
Invert Elev. on 8" Inlet from E				46.05	Rim to Inside top Pipe 8.59'	Rim to Pipe 8.59'	Rim to Pipe 8.74
					Inside Pipe Dia. .67	Pipe Dia .67	Pipe Dia .67
					46.05 ✓	46.05 ✓	45.90 ✓
" " " 8" " "			W	46.05'			
" " " 8" Outlet to N				45.90'			
T.P.				56.10'			
							(Note: 50' E. & R.R. & 20' N. & Blvd.)
				59.26'	BM #127 El 59.263 FB 1922-24 N.E. Cor. Manhattan Beach Blvd. & A.T. & S.Fe. R.R. 30' E. R.R. & 10' N.		
BM #127				59.27'	Manhattan Beach Blvd. 4" Dia cutoff con. of R.R. rail		
S.S.M.H. 82' N. & Manhattan Beach Blvd. & 54' E. & Condon Ave.							
(Sta. 1+44 FB 1922-221)					Outlet N.		
Invert Elev. on 8" Outlet to North				49.79	El. Rim 57.00'		
					Rim to Inside top Pipe 6.54		
(Dead End No Inlet)					Inside Pipe Dia .67		
					Invert 49.79 ✓		
BM #127				59.26'	BM #127 El 59.263	See Above	

F. B. 1959 Pg. 243

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6221.00 Division No. 10
Date ____ Date ____ Survey of Manhattan Beach Blvd.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Curtis Notes Martinez Date Feb 57
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

JN 6221.00

MANHATTAN BEACH BLVD S.D.

Profile

from

186.03' N. of ℄ A.T. & S.F. on ℄ Inglewood Ave.

0+00

to

50+27.90

Curtis
Manley
Rodriguez
Martinez

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

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726 Los Angeles County Engineering Bldg.

76L298 S & E #307 9-54

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.				
BM # 128				62,063	BM #128 Elev 62,063 set by State Hwy. on N.W. Cor of int of Inglewood Ave AT&SF RR a nail set in lead Nedge signal base (F.B. 1922-23)			
0+00				57.72				℄ Inglewood Ave
1+00				60.[illegible]		STA.		ELEV
2+00				60.1		12+00		57.8
3+00				61.4		13+00		58.0
3+50				61.9		14+00		58.3
4+00				[illegible]		15+00		58.4
T.B.				[illegible]		AP 16+05.26		58.7
5+00				5[illegible]		T.P.		60.15
5+80				59.5		17+00		59.0
6+00				[illegible]		18+00		59.1
6+66.78				57.9		19+00		59.2
7+00				5[illegible]		20+00		59.3
7+92.42				57.8		21+00		59.7
9+00				57.3		22+00		59.5
B.C. 9+69.64				57.4		23+00		59.6
T.P.				58.92		T.P.		61.19
10+00				57.5		24+00		59.9
11+00				57.6				
E.C. 11+37.40				5[illegible]				

F. B. 1959 Pg. 224 Job No. 262100 Division No. 10 Notes Red. Plotted Date No. Profile
Survey of Manhattan Beach Blvd Date Checked Date No. X-Sec.
Survey by Curtis Notes Martinez Notes Chkd. Date Date
Indexed Date

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		STA		ELEV.
25+00				60.3		36+00		63.7
25+[illegible]				60.7	Top of Bank	37+00		64.1
25+95				58.7	℄ of Ditch	38+00		64.9
26+10				60.7	Top of Bank	39+00		66.1
27+00				60.2		40+00		66.8
[illegible]+39±				60.7	℄ of [illegible]	40+90		67.1
28+00				60.5	Top Bank	T.P.		68.64
28+15				59.2	℄ Drain Ditch	AT&SF Track 41+15±	Top Rail	70.6
28+30				60.7	Top Bank	41+15±	Top tie	70.2
29+00				60.8		41+35		66.9
TP				60.57		42+00		66.5
30+00				60.8		43+00		66.6
31+00				61.2		E.C. 43+33.07		66.8
32+00				61.1		44+00		66.4
E.C. 32+46.46				61.6		45+21.22		67.3
33+00				62.2		46+00		67.7
34+00				63.9		47+00		68.1
35+00				63.8		T.P.		68.96
T.P.				65.20				

Profile Notes Red. ____ Plotted ____ Job No. 622109 Division No. 10 F. B. 1459 Pg. 225
No. ____ Date ____ Date ____ Survey of Manhattan Beach Blvd
X-Sec. Notes Chkd. ____ Checked ____ Survey by Curtis Notes Martinez Date Feb 57
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 1959 Pg. 226

Job No. 622100 Division No. 10 Notes Red. _____ Plotted _____ Profile

Survey of Manhattan Beach Blvd Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

STATION	B. S.	H. I.	F. S.	ELEV.		
48+00						
49+00						
50+00						
50+27.90						
B.M. #KV22						
					End	
					B.M. #KV22 ELEV 69.86	FB.1922 Pg.20

76L298 S & E #307 9-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

NER 0717 971

Notes Checked by	Survey of Manhattan Beach Blvd SD
Map	JN 622100 Tape 0133 Std 68 °F
Office	Surveyed by JLWilley
Checked	Notes JLW Date 4/29/57
Date	Indexed L. C. Johnson 5-2-57

F. Pg. 329

J.N. 6221.00
STORM DRAIN BOND ISSUE PROJECT #12
"MANHATTAN BEACH BLVD"
PRELIMINARY SURVEY
from
INGLWOOD BLVD
to
147th ST.

℄ of Proposed D.

4/29/57
Willey J L
Maldonado J.M.
Nunez B
Beld. V.

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

Do not extend this side of this line.

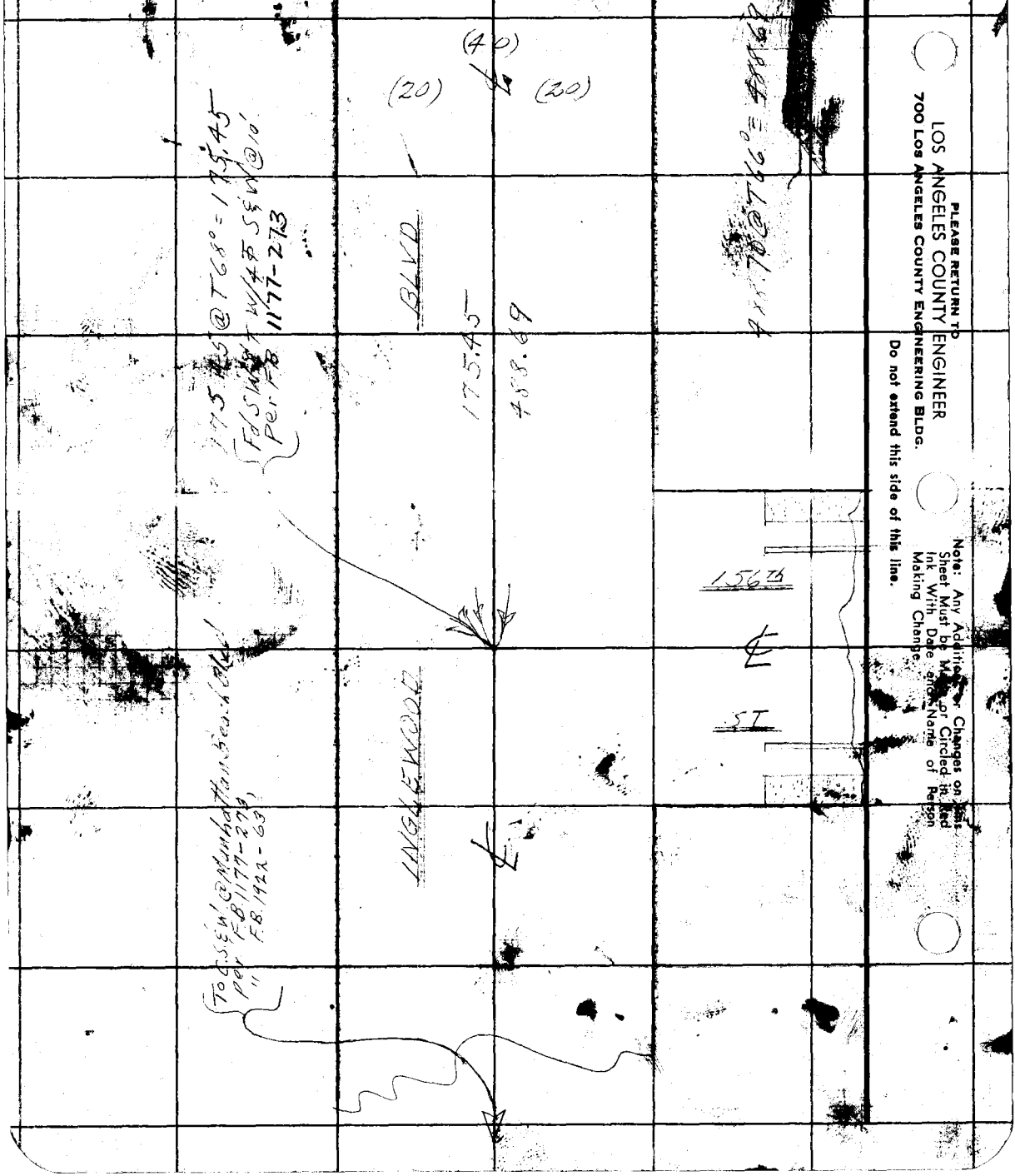
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 1-56

PWFB 0717 972

F. B. 1954 Pg. 228

Con't. Bot. Pg. 229



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

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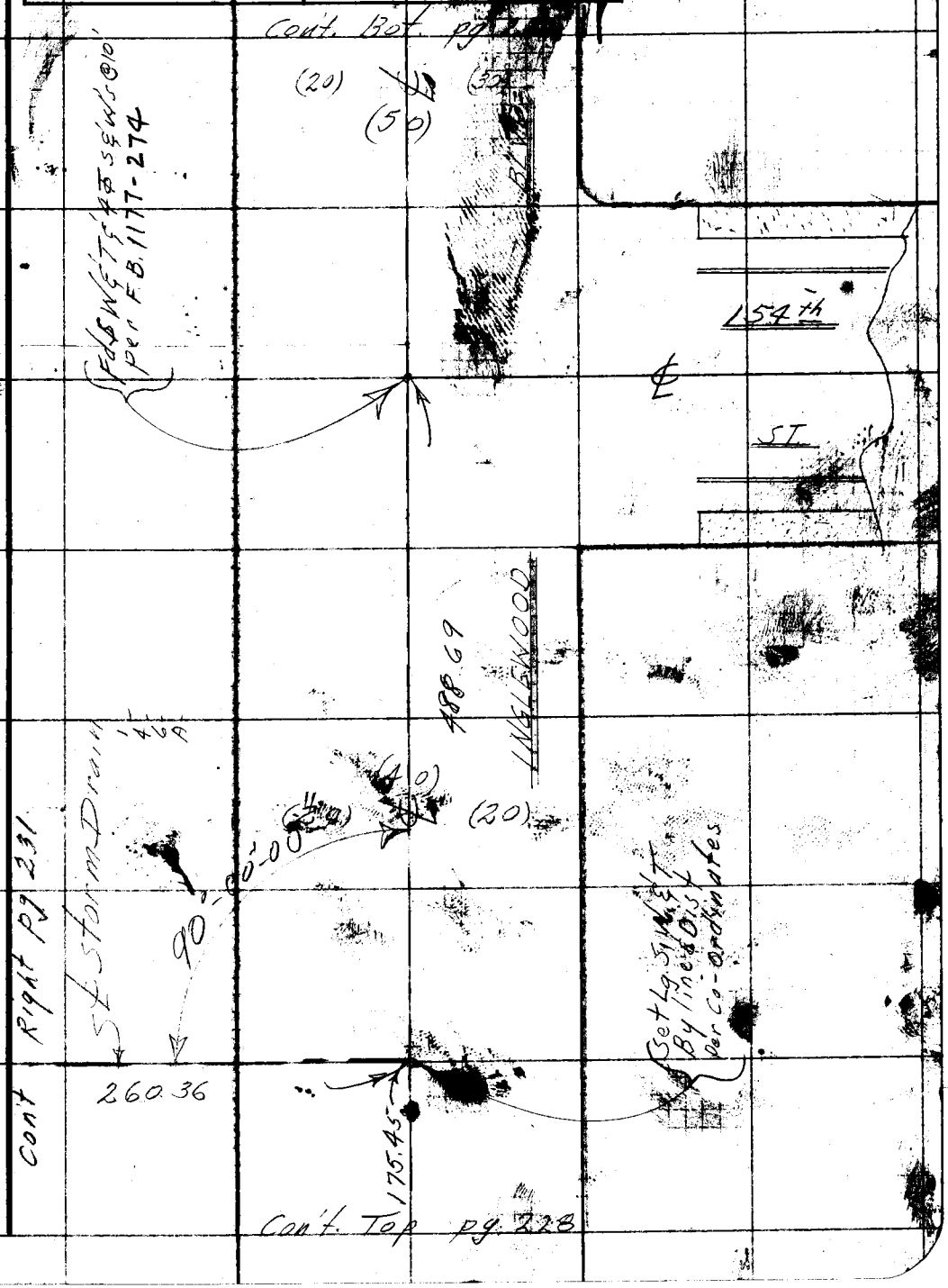
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 0717

Notes Ck'd by	Survey of Manhattan Bch Blvd S.D. #12
Map No.	JN 6221.00 Tape 0183 Std 68 °F
Office Work	Surveyed by JLW [illegible]
Checked	Notes JLW [illegible] 5/1/57
Date	Indexed [illegible]

F. B. 1954 Pg. [illegible]



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

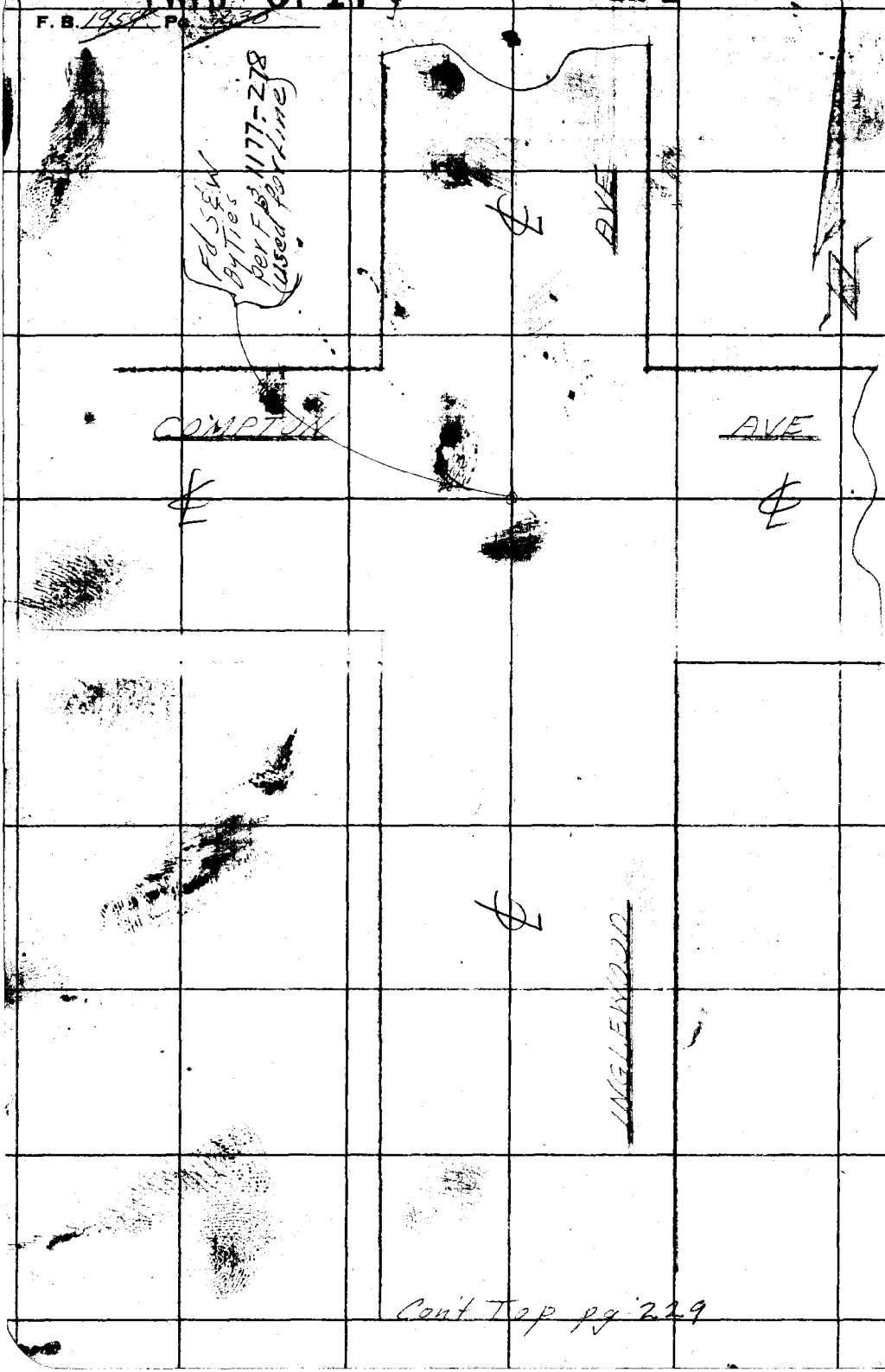
Do not extend this side of this line.

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

76F309S S&E #247 1-56

PWFB 0717 974

F. B. 1959 Pg. 230



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

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

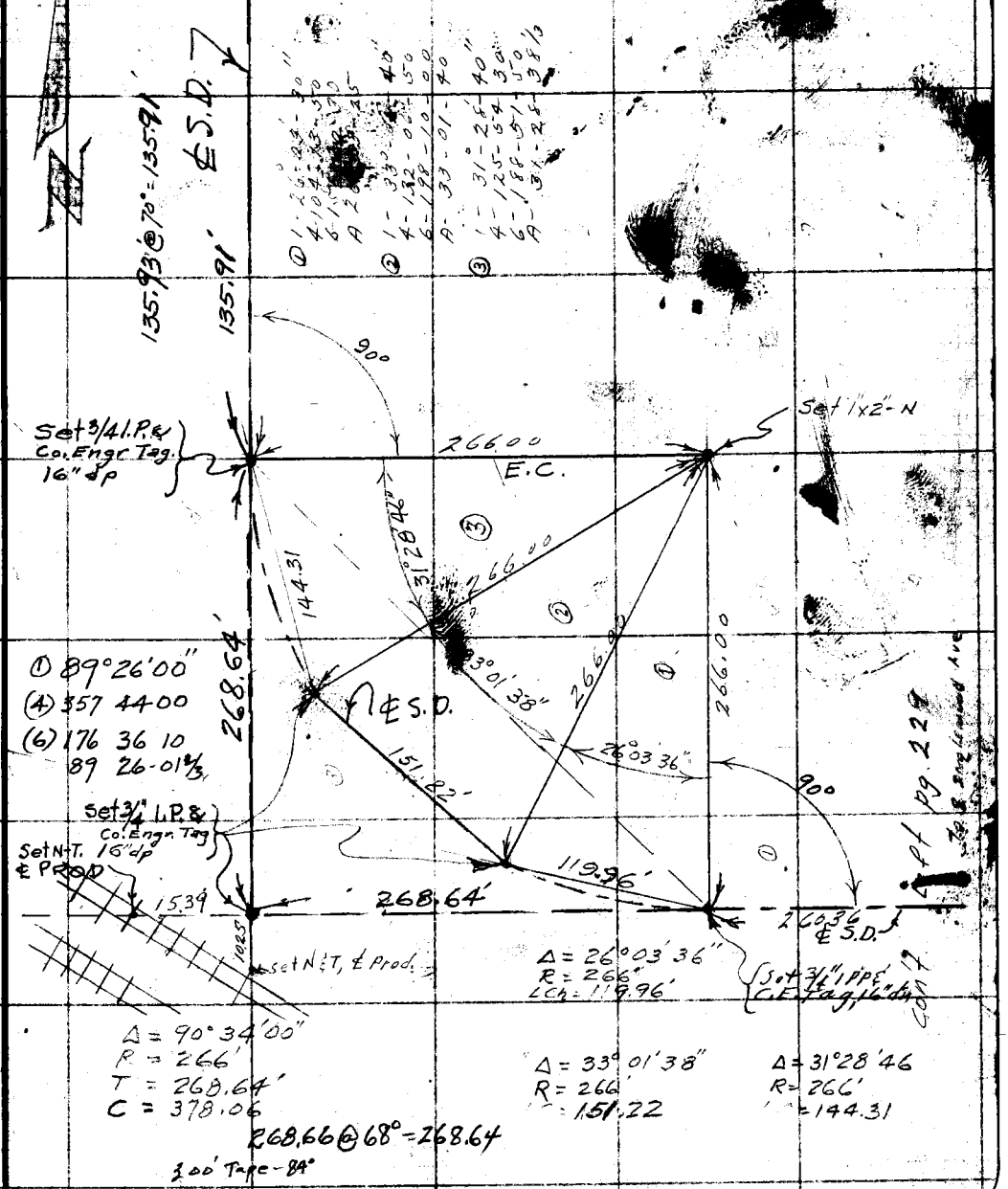
Con't Top pg 229

PWFB 0717 975 976

Notes Ck'd by	Survey of Manhattan Beach Blvd.
Map No.	JN 6227.00 Tape 130 Std 84° °F
Office Work	Surveyed by J. L. Willey
Checked	Notes JLW Date 4-29-57
Date	Indexed K. C. Johnson

F. B. 1904 Pg. 2

Cont. Bot. pg. 232



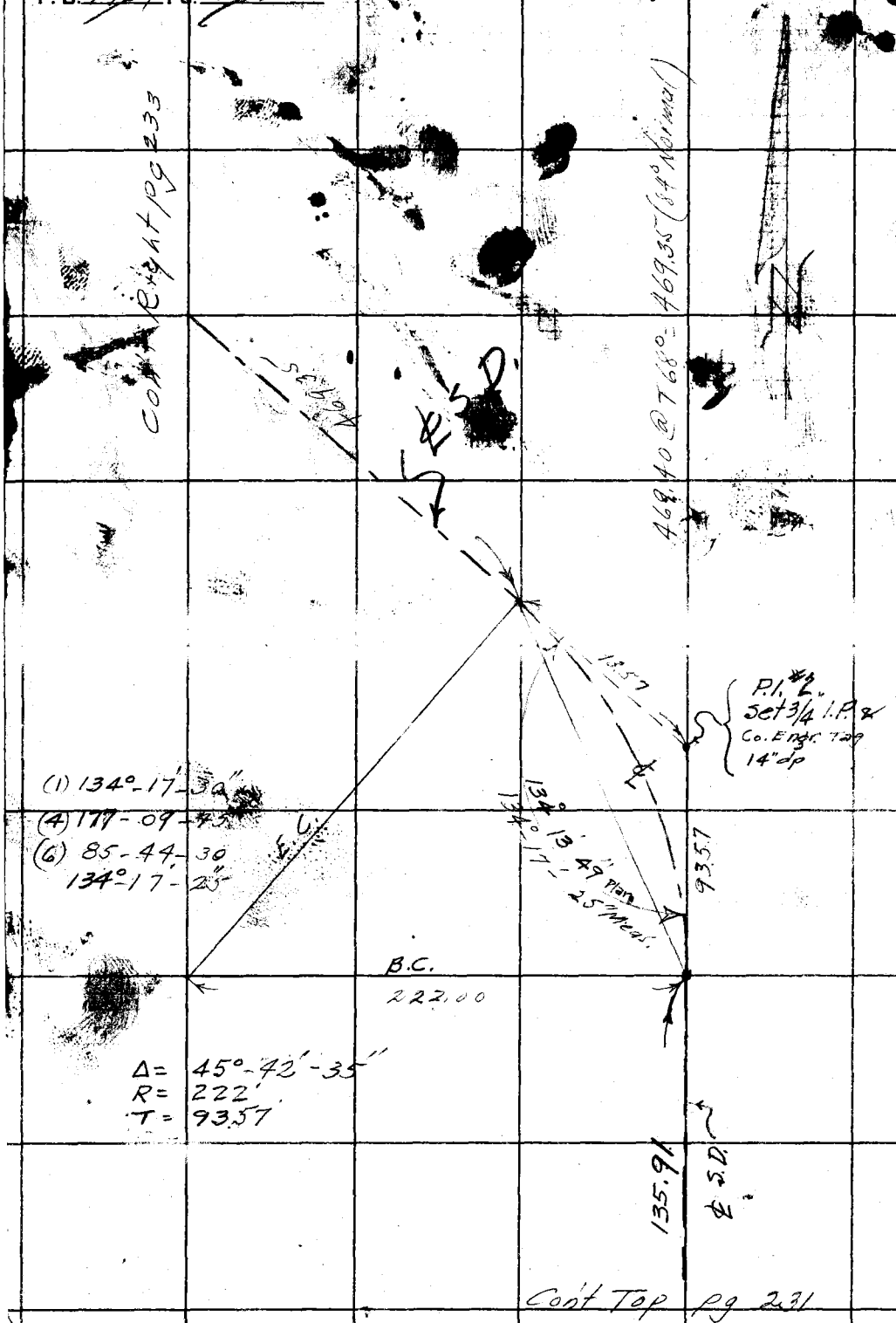
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

76F309S S&E #247 1-56

PWFB 0717 977, 978

F. B. 1954 Pg. 2



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

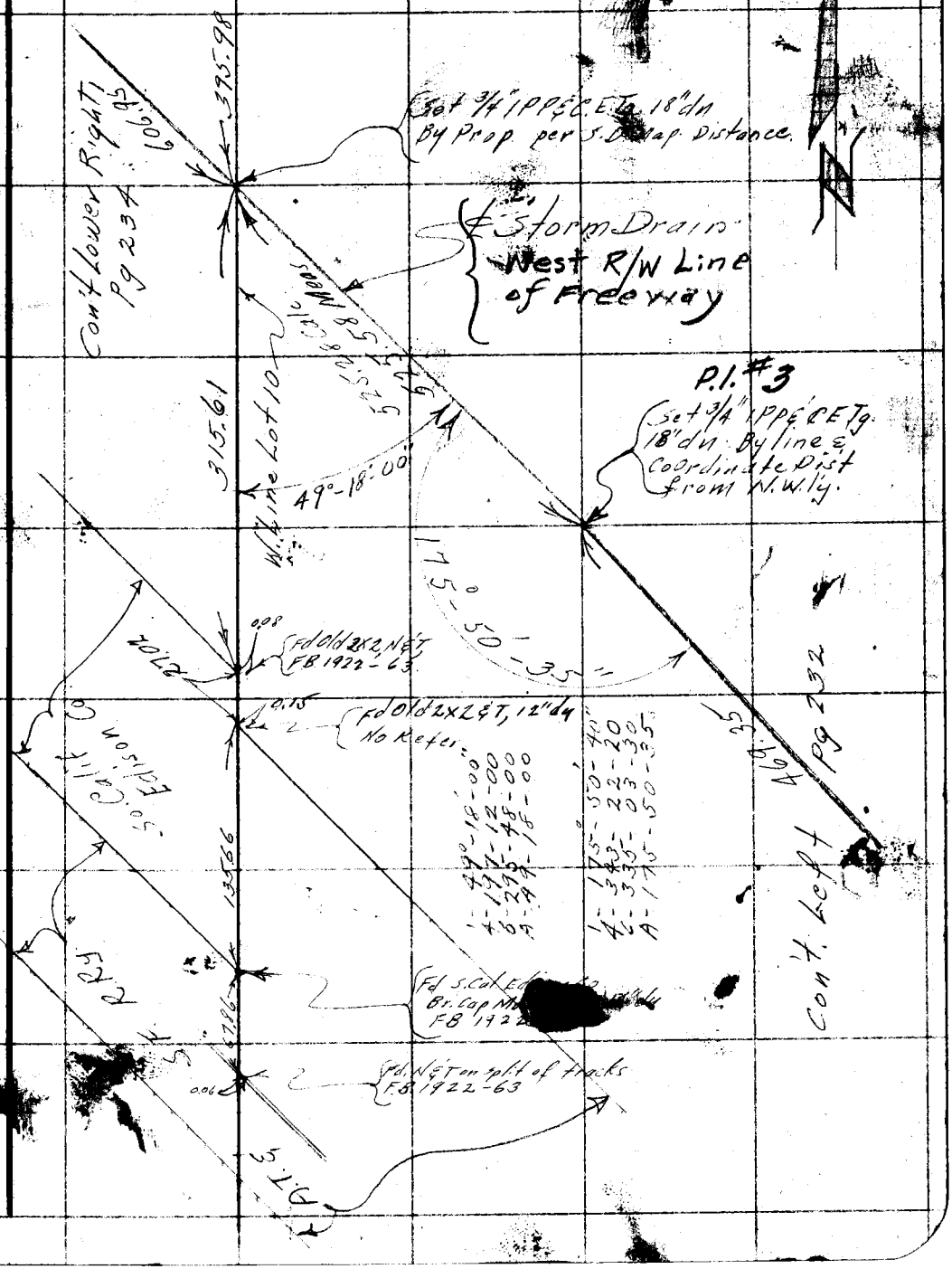
Do not extend this side of this line.

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

PWFR 0717 980

Notes Ck'd by	Survey of [illegible] Bch Blvd. Dist #2 S.B.
Map No.	JN 62210 [illegible] 30 [illegible] °F
Office Work	Surveyed by JLW [illegible]
Checked	Notes JLW Da[illegible] 57
Date	Indexed A. C. John[illegible]

F. B. 1957 Pg. 2[illegible]



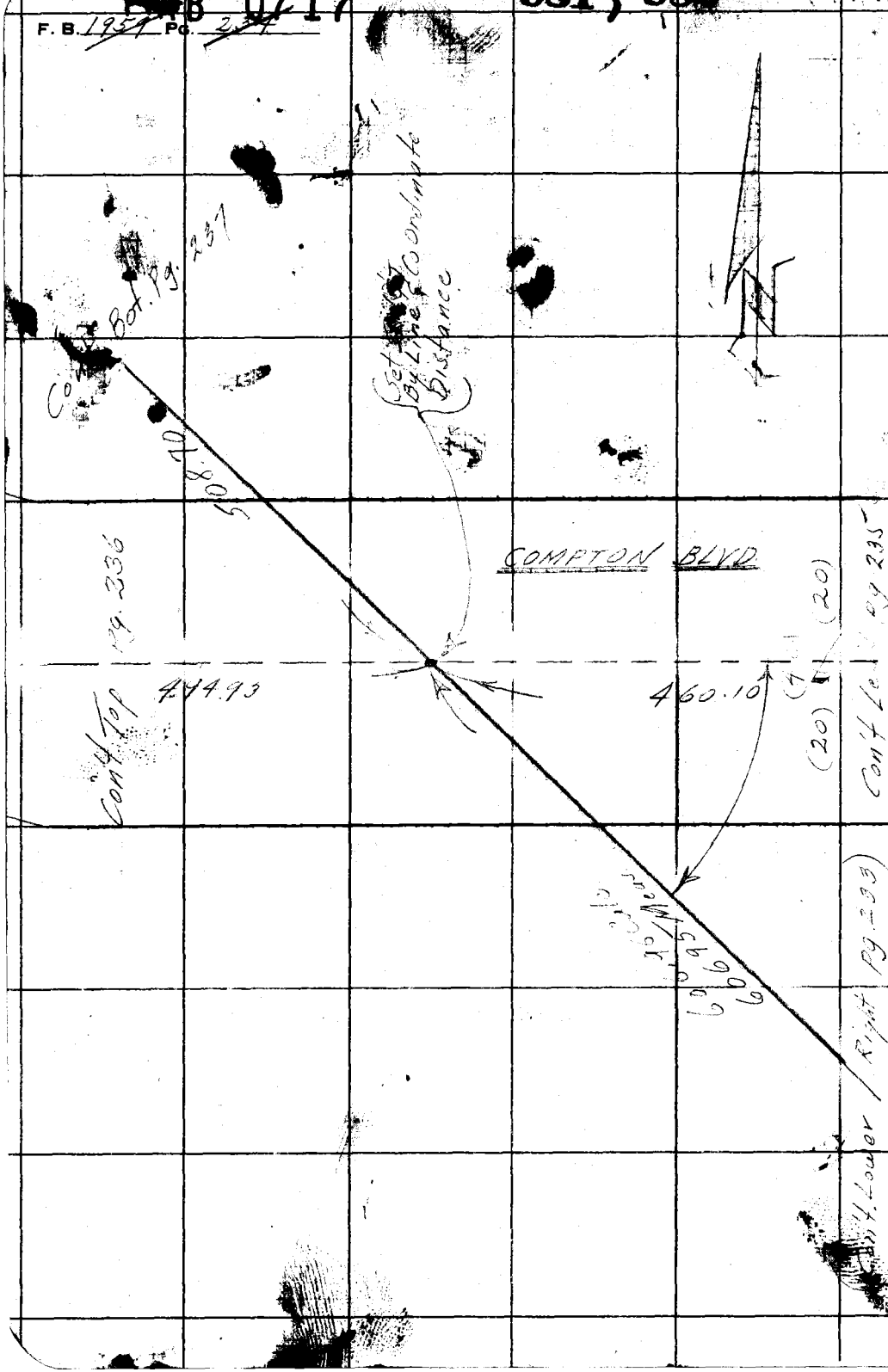
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S S&E #247 1-56

FB 0717 981, 982
F. B. 1959 Pg. 234



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

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

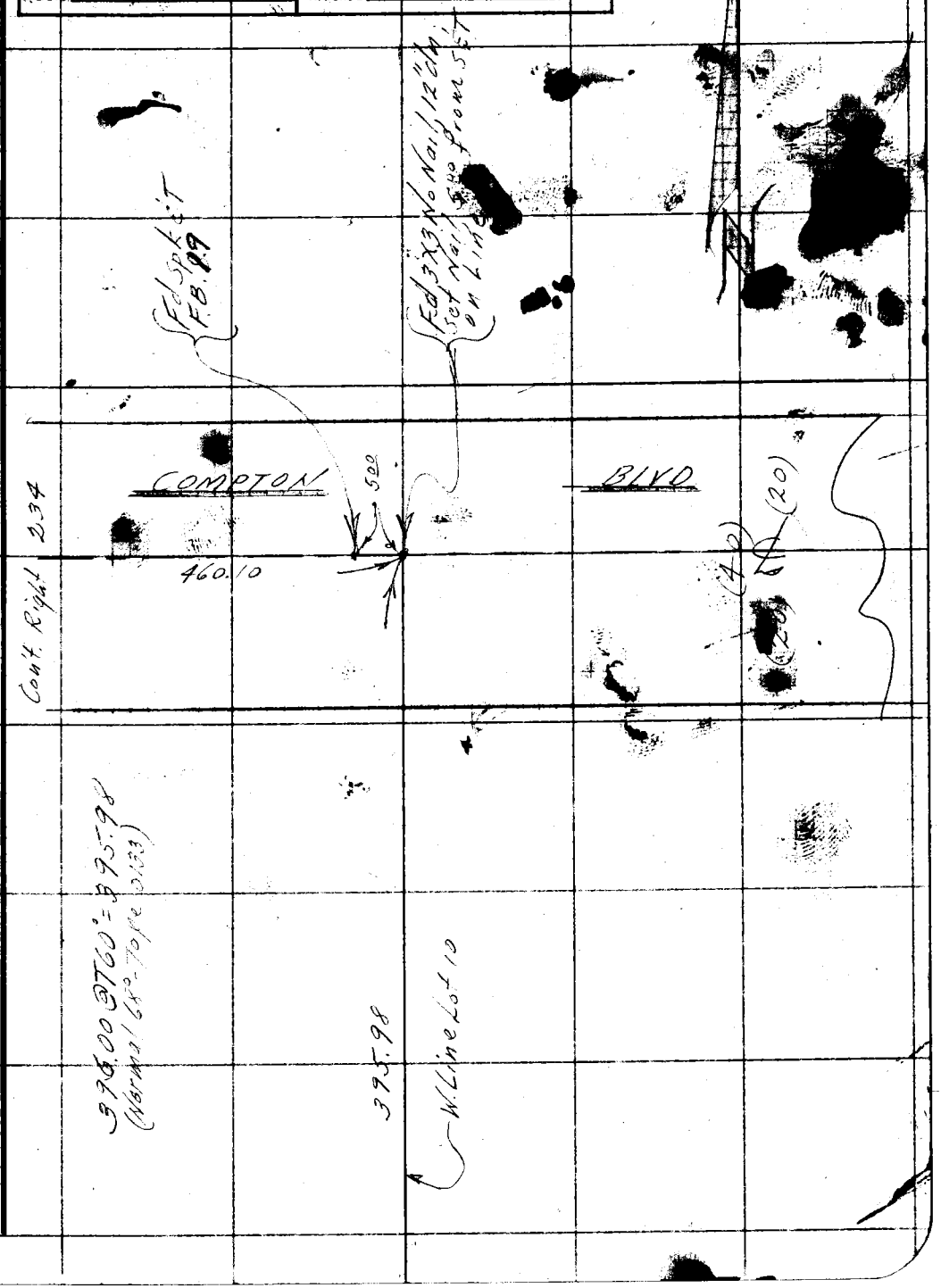
PWEB 071

983

#145.D.

Notes Ck'd by	Survey of Manhattan Bch Blvd Dist
Map No.	JN 622100 Tape 130 Std 84 °F
Office Work	Surveyed by JLWilley
Checked	Notes JLW Date 5/1/57
Date	Indexed L. C. Johnson

F. B. 1959 Pg. 236



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

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

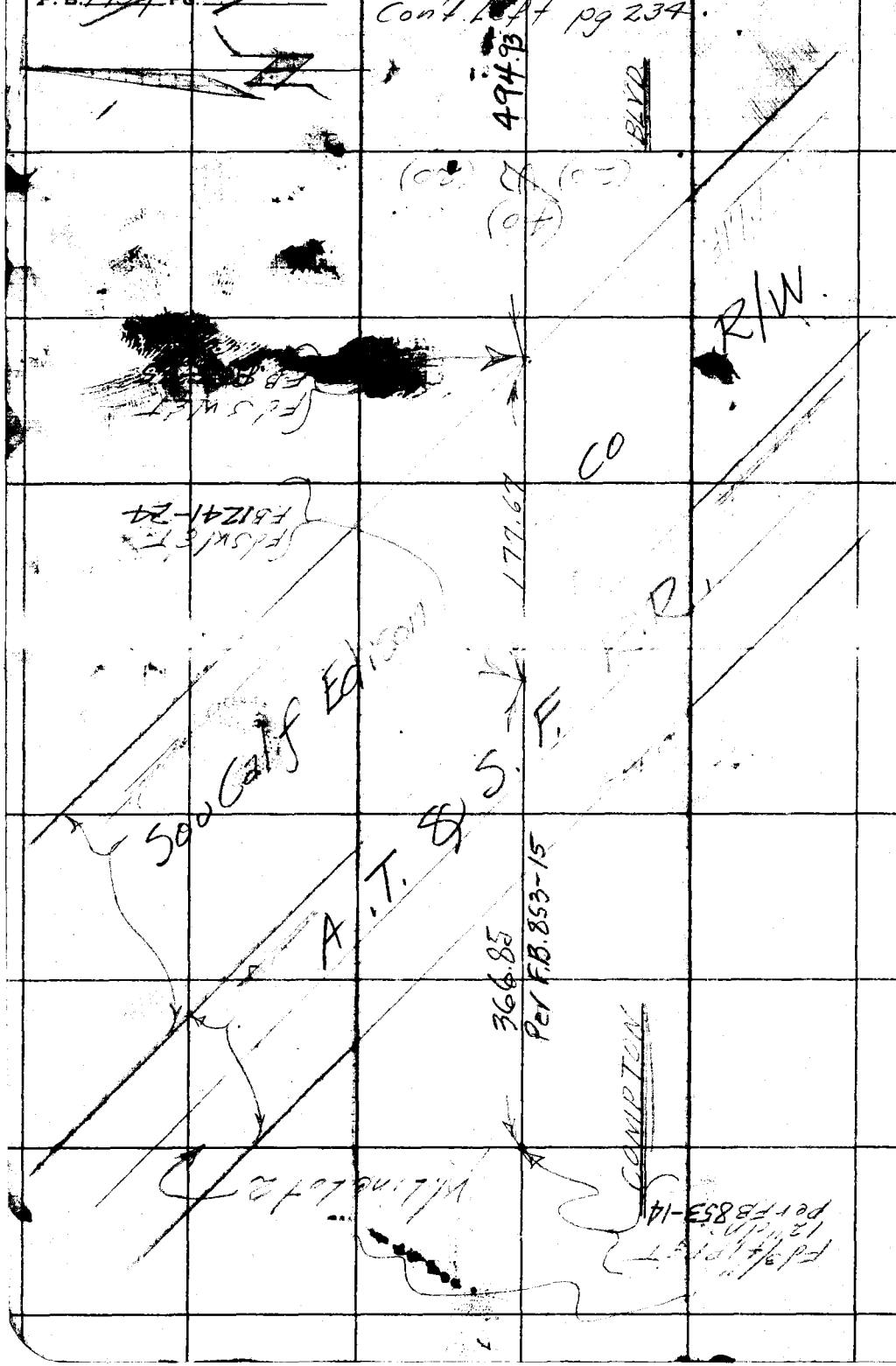
Do not extend this side of this line.

76F3095 S&E

DWFR 0717 984

F. B. 1959 Pg. 236

Con't Left pg 234



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

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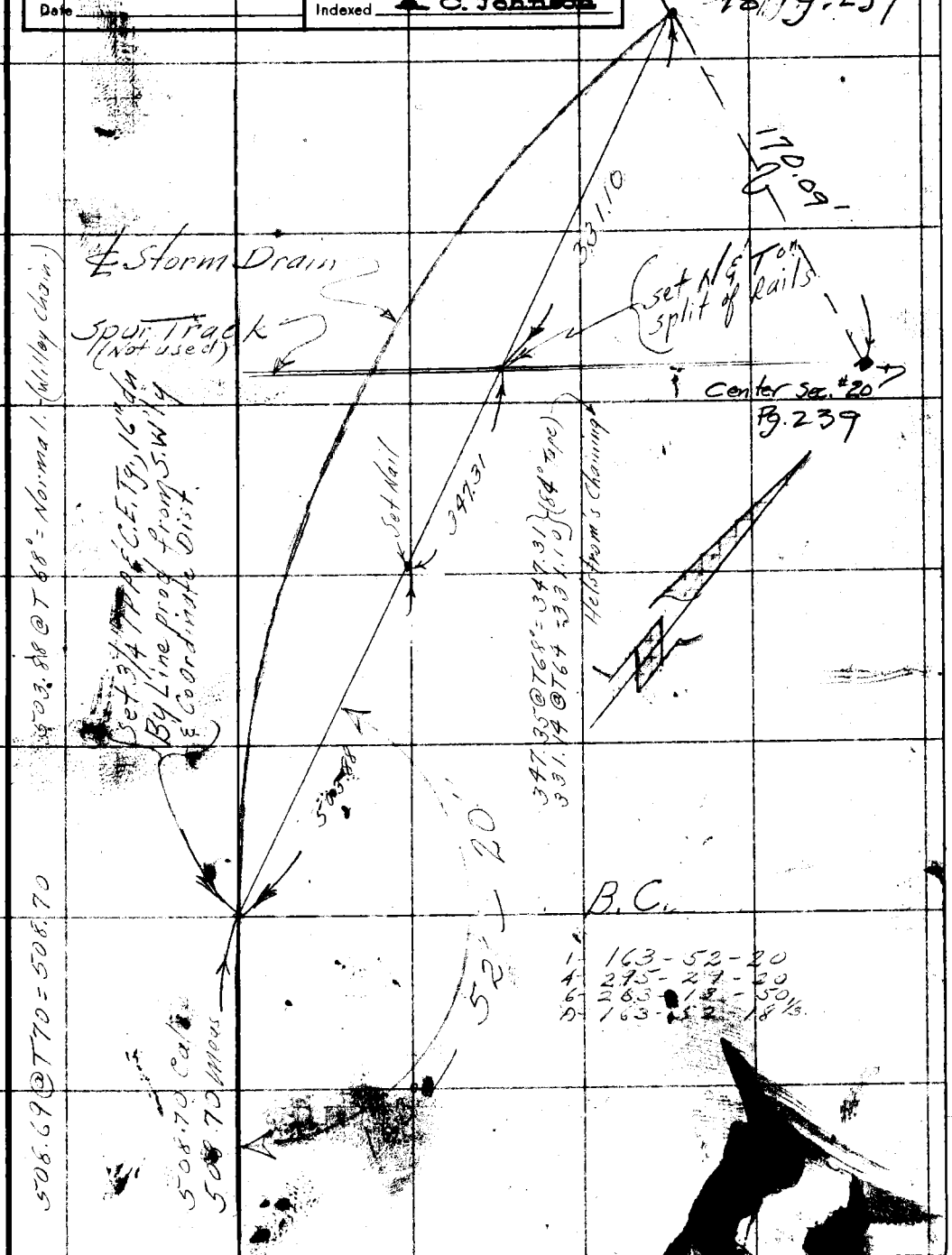
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 07 985

Note Ck'd by	Survey of Manhattan Beh Blvd.
Map No.	JN 622100 Tape 0133 Std 68
Office Work	Surveyed by JLWilley
Checked	Notes JLW Date 5/1/6[illegible]
Date	Indexed A. C. Johnson



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

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

76F309S S&E #247 1-56

Con't upper Left pg 234

RETURN TO
LOS AN[illegible] COUNTY ENGINEER
700 Los An[illegible] COUNTY ENGINEERING BLDG.

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

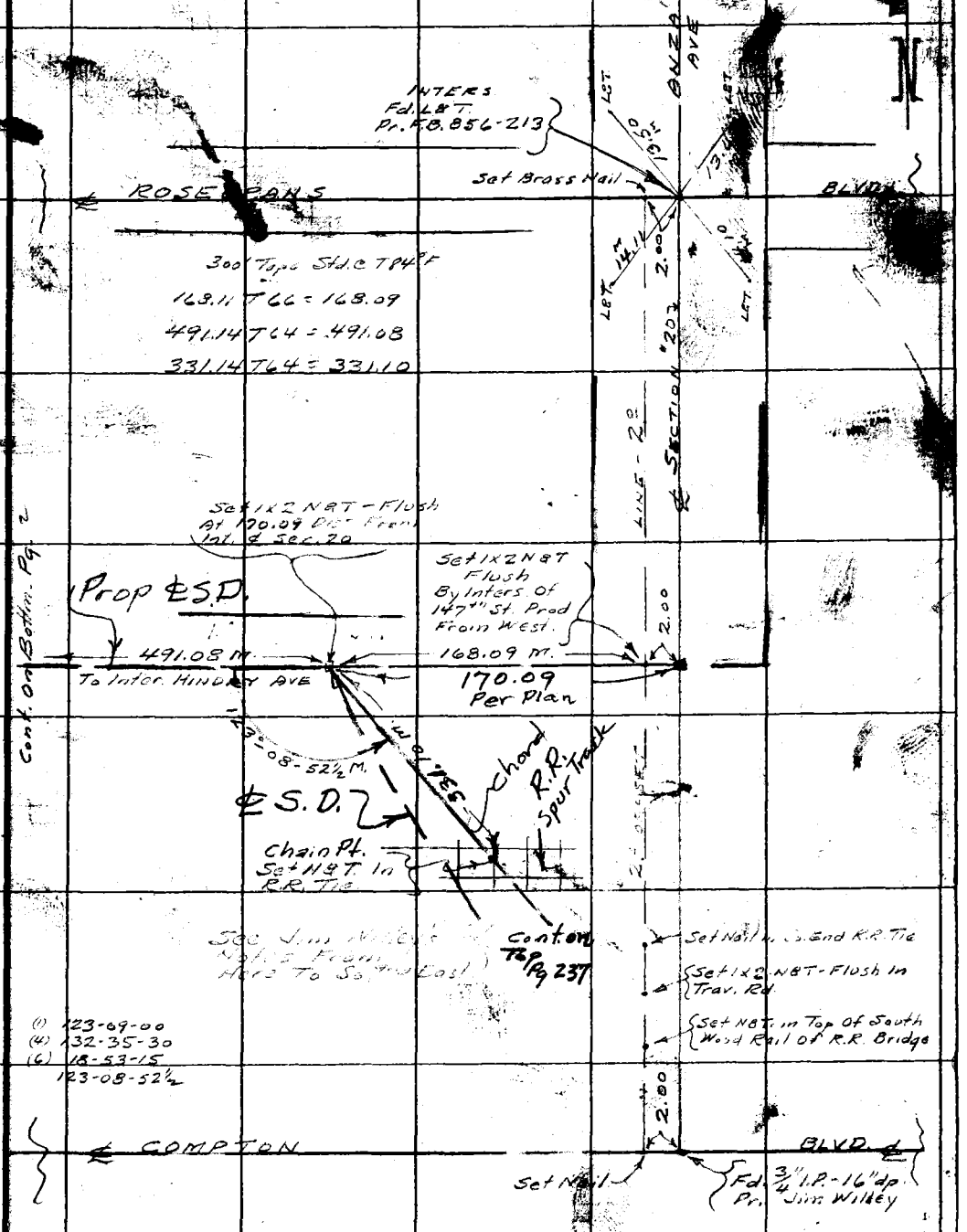
Do not extend this side of this line.

F. B. 1159 PG. 27

PWFB 07 17 986

F. [illegible] Pg. 297

Notes Ck'd by	Survey S.D. Bnd. Issue Proj. #12
Map No.	W. C. Tape No. 300' Tape Std. 84 °F
Office Work	Survey A.N. Hellstrom
Checked	Notes Date 5-1957
Date	Indexed C. Johnson



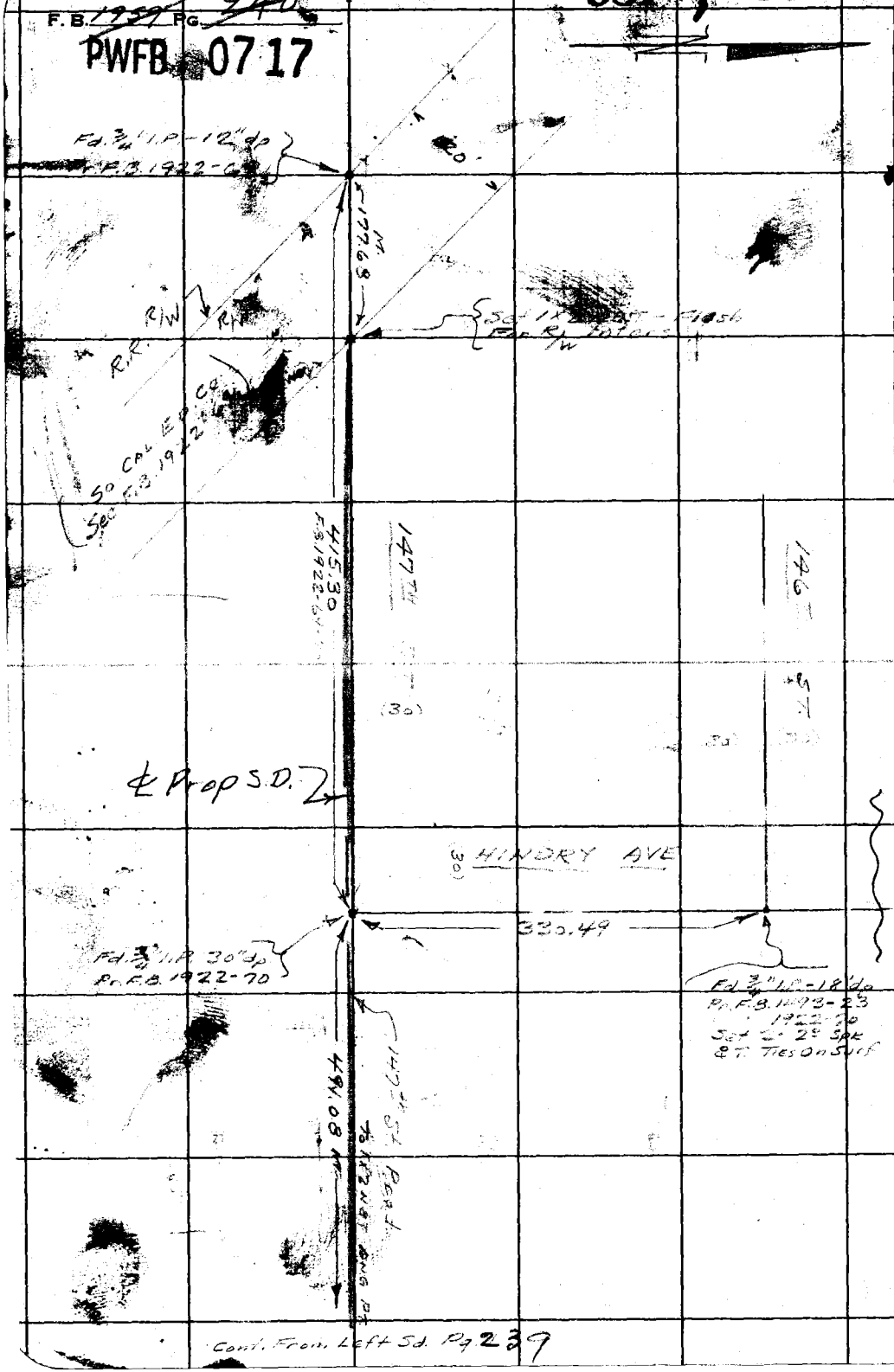
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

F.B. 1959 Pg. 240

PWFB 0717



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

Do not extend notes this side of this line.

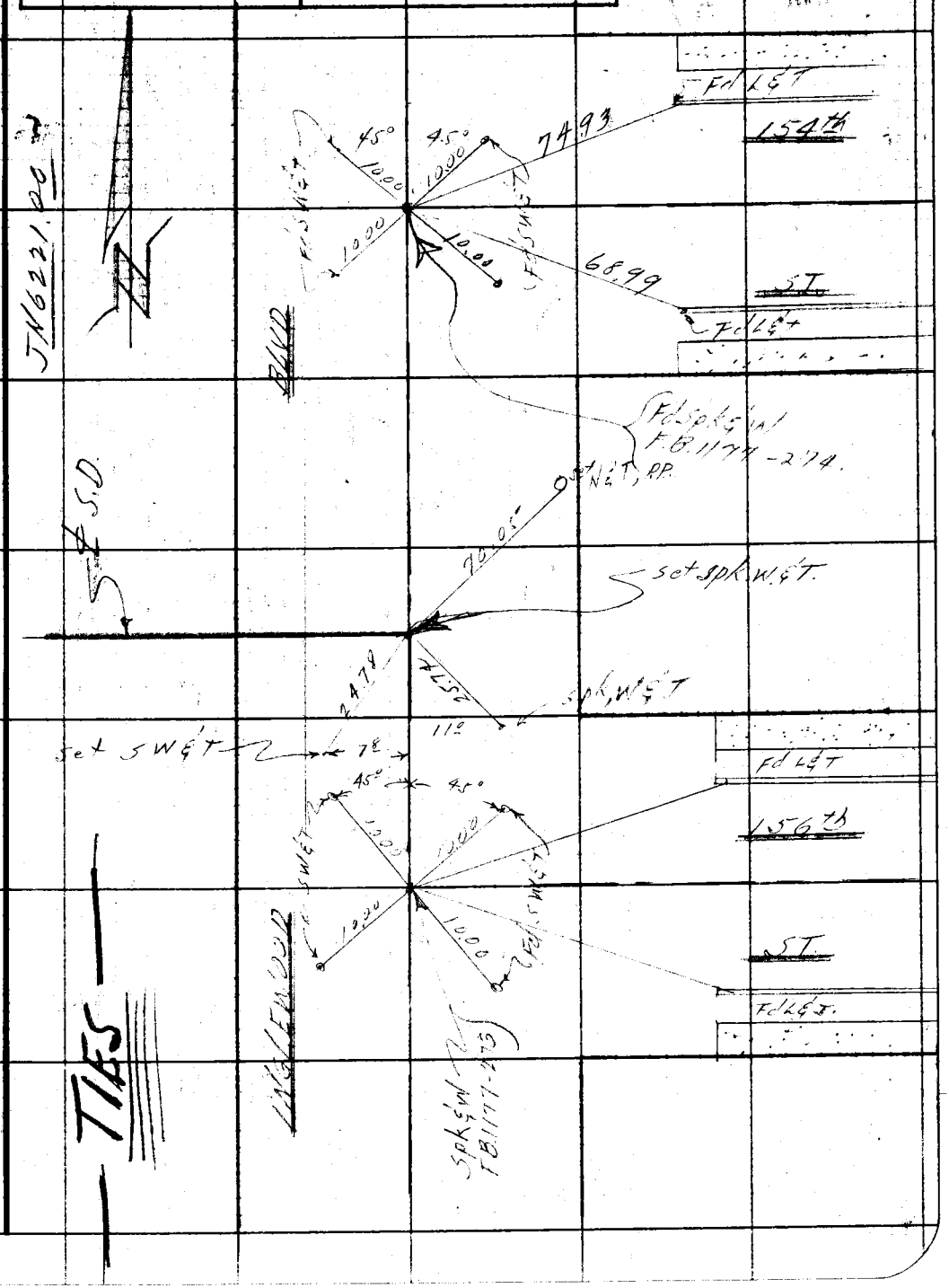
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Cont. From Left Sd. Pg. 239

PWFB 0717

Manhattan Beach

Notes Ck'd by	Survey of S.D. Proj # 12	F. B. 1351 Pg. 241
Map No.	JN 6221.00 Tape Std °F	
Office Work	Surveyed by J. L. Willey	
Checked	Notes Date 5-3-57	
Date	Indexed	

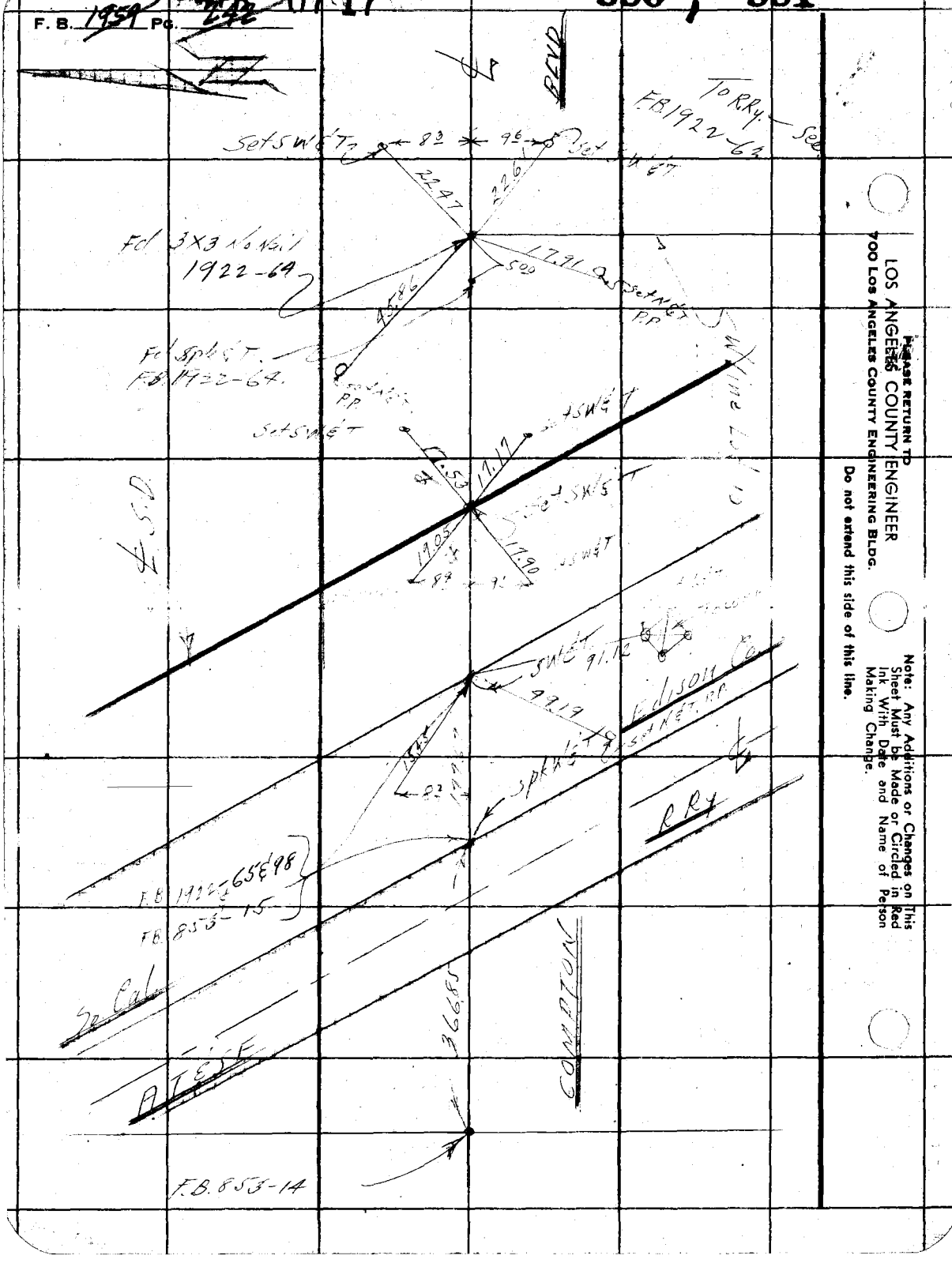


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

7OF3005 SBE #247 1-56

F. B. 1959 PG. 242



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

Notes Ck'd by	Survey of	F. B. 1959 Pg. 243
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

Calculations

179° - 59' - 60"
163 - 52 - 20
16 - 07 - 40

$\frac{A}{2}$ =

Sin 16° - 08' - 00" = 0.2778736
16 - 07 - 00 = 0.2775941
3) 2795 932 = 20"
1864 = 40"
2775941
2777805

Sin 16° - 07' - 40" = 0.2777805

R = 2129
R.2 = 4258

0.2777805
4258
22222440
13889025
5555610
11111220
1182.7893690

1182.79 = Long Chord.

— over —

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

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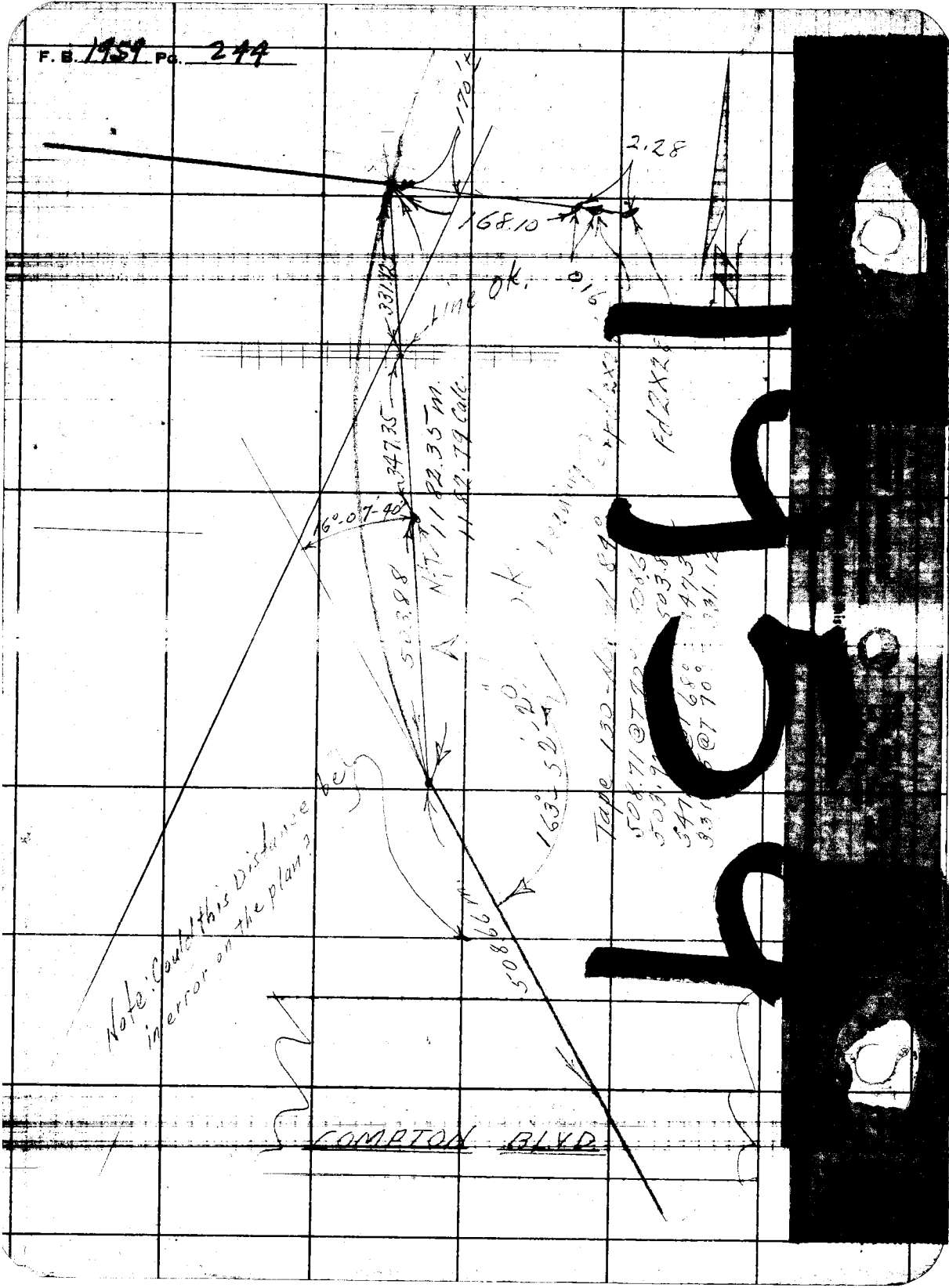
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

7873098 S&E #247 1-58

F. B. 1959 Pg. 244