FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
100+00(N)	132	2687		2555	→ From pg. 16 FB 1284 Range Line ∡ = 90° F.S. on N-3	
			19	250	12' L - Brk - Top Bk.	
T.P.	495	2007	1175	1512		
			50	151	24' L - Toe Bk - Edge Beach	
			44	157	36' L - Beach	
			49	152	69' L - "	
			69	132	102' L - "	
T.P.			1138	869	130' L - "	

Shore 100+00(N)
Profile incomplete
See L.A. City FB #20712

Profile No. ____ Date ____ X-Sec. No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Date 1946 Notes Chkd. ____ Checked ____ Date ____ Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by Hlemeck Map No. ____ Notes Quik Date 9-5-46 Indexed C. Johnson

F.B. 1287 Pg. 5

F.B. 1287 PG. 6

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Kleineck Notes GWK 9-5-'46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed [illegible] C. John[illegible] Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.	
102+00(N)	1 83	2724		2641	~ From pg. 16 FB 1284 Range Line ∡ = 90°
			21	251	12'L - Brk. Top Bk.
TP	489	2099	1114	1610	
			49	161	26'L - Toe Bk. - Edge Beach
			48	162	34'L - Beach
			51	157	56'L - "
			75	135	100'L - "
TP			1201	898	125'L - "

Shore
102+00(N)

Profile incomplete
See L.A. City F.B. #20712.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
100+00 -N	N-2	1	R	1046	9000	Range Line ∡ = 90° F.S. on "N-2"
		2	Y		8945	
		3	W		8940	
		4	Y		9000	
		5	W		9035	
		6	R	1054	9000	
		7	Y		9005	
		8	W		9020	
		9	Y		9005	
		10	W		9030	
		11	R	1101	8940	
		12	Y		9000	
		13	W		9000	
		14	Y		8940	
		15	W		9010	
		16	R	1105	8930	
		17	Y		8925	
		18	W		9020	
		19	Y		9020	End

Range 100+00 (N)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 Pg. 7
X-Sec. No. ____ Date ____ Date 19440 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Heinecke Notes G.W.K. Date 10-11-'46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
102+00 -N	N-2	1	R	1117	8955	Range Line ∡ = 90° F.S. on "N-2"
		2	Y		9000	
		3	W		8945	
		4	Y		8940	
		5	W		9005	
		6	R	1131	8955	
		7	Y		8950	
		8	W		8950	
		9	Y		8950	
		10	W		8955	
		11	R	1140	9015	
		12	Y		9005	
		13	W		8955	
		14	Y		9020	
		15	W		9000	
		16	R	1143	8945	
		17	Y		9005	
		18	W		9000	End.
		~~19~~				

Range 102+00 (N)

F.B. 1287 PG. 8 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 1946 No.
Survey by Hiernech Notes Grwk 10-11-46 Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
92+00	11-2	1	R	10 45	115-00	Range 100+00 (N)
		2	Y		116-20	
		3	W		117-50	
		4	Y		119-50	
		5	W		122-20	
		6	R	10 53	123-15	
		7			125-15	
		8	W		129-10	
					130-20	
			W		134-35	
			R	11 00	135-40	
			Y		139-25	
			W		140-50	
		14	Y		142-15	
		15	W		144-00	
		16	R	11 03	145-40	
		17	Y		146-45	
		18	W		149-05	
		19	Y		151-50	END OF LINE

Cut in 100+00 (N)

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date ____ Date 1946 Survey of BEACH EROSION
No. ____ Notes Chkd. ____ Checked ____ Survey by KLEINECK Notes D.S. Date 10-10-46
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1287 PG. 9

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
92+00	11-2	1	R	11 16	119-[illegible]5	RANGE 102+00 (N)
		2	/		121-40	
		3	W		122-[illegible]5	
		4	/		125-30	
		5	W		126-[illegible]	
		6	R	11 29	130-[illegible]0	
		7	/		133-[illegible]0	
		8	W		134-[illegible]	
		9	/		137-20	
		10	W		141-[illegible]	
		11	R	11 38	143-[illegible]	
		12	/		145-[illegible]	
		13	W		147-[illegible]	
		14	/		148-55	
		15	W		149-[illegible]	
		16	R	11 42	151-[illegible]0	
		17	/		152-40	
		18	W		154-[illegible]5	END OF LINE

Cut in 102+00 (N)

F.B. 1287 PG. 10

Job No. 8412 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Date 1946 No. ____ Profile

Survey of BEACH EROSION Date ____ Notes Chkd. ____ Checked ____ Date ____ X-Sec.

Survey by KLEINECK Notes D.S. 11-16-46 Date ____ No. ____

Indexed by Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Mac. Depth	F. S. Bottom	ELEV. Tide	Adj. Depth	Remarks
			30.2				
1	R	10 45	28.2	28.9	5.0	23.9	Range 100+00 (V)
2	Y		29.0	27.7		22.7	Going In.
			27.0				
3	W		28.4	26.8	4.9	21.9	
			26.0				
4	Y		27.2	25.7		20.8	
			25.0				
5	W		26.0	24.1		19.8	
			24.0				
6	R	10 53	25.4	23.8	4.8	19.0	
			23.0				
7	Y		24.0	22.7		17.9	
			22.0				
8	W		22.2	21.3		16.5	
			20.8				
9	Y		21.8	20.4		15.6	
			19.7				
10	W		20.2	18.9		14.1	
			18.2				
	R	11 00	19.6	17.9	4.8	13.1	
			17.6				
12	Y		18.0	16.7		11.9	
			16.0				
13	W		16.8	15.5		10.7	
			14.8				
14	Y		15.8	14.3		9.5	
			13.5				
15	W		14.3	12.8		8.0	
			12.0				
16	R	11 04	13.0	11.3	4.7	6.6	
			10.5				
17	Y		11.8	9.9		5.2	
			9.0				
18	W		10.5	8.3		3.6	
			7.6				
19	Y		8.9	6.5		1.8	End.

Boat

Profile No. ____ Notes Red RH Plotted HJM Job No. 8417 Division No. ____ F.B. 128 Pg. 11
Date 11-7-46 Date 12-2-46 Survey of Beach Erosion
X-Sec. No. ____ Notes Chkd. Ecuf Checked ____ Survey by Reinert Notes G.H. Date 10/11/46
Date 11-18-46 Date ____ Map No. ____ Indexed ____ Bond ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 128 PG. 12
Job No. 847 Division No. ____ Notes Red 2 Date 11-8-46 Plotted H.U.M.H. Date 1946 Profile No. ____
Survey of Beach Erosion Notes Chkd. HUM Checked ____ X-Sec. No. ____
Survey by Rangers Notes GOH 10/11/46 Date 12-3-46 Date ____
Indexed ____ Date ____

STATION #	Color	B. S. Time	Meas. Depth	F. S. Botom	Ht. Tide	Adj. Depth		Remarks
1	R	11:17	30.8-28.3	29½	4.4	24.7		Range 102+00(N) Going in
2	Y		26.9-28.2	27⅓		22.7		
3	W		25.6-27.6	26⅓		21.9		
4	Y		24.5-26.1	25⅔		20.6		
5	W		23.0-25.5	23⅞		19.4		
6	R	11:30	22.0-24.0	22.2	4.1	18.6		
7	Y		21.0-23.0	21½		17.6		
8	W		19.8-22.0	20⅝	4.0	16.5		
9	W		18.8-20.0	19½		15.2		
10	W		17.4-19.0	17¾		13.9		
11	R	11:37	16.1-18.0	16½	3.2	12.8		
12	Y		14.6-17.0	15.4		11.5		
13	W		13.0-15.1	13½		9.8		
14	Y		12.0-13.8	12⅙		8.7		
15	W		10.9-13.0	11⅙		7.7		
16	R	11:42	9.5-12.2	10¼	3.[illegible]	6.6	Boat 102+00(W)	
17	Y		8.2-10.2	8¾		5.1		
18	W		6.2-7.8	6½		2.9		End of line
~~19~~	~~Y~~							
~~20~~	~~W~~							

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.	
104400 (N)	089	2625		2536	→ From pg. 16. FB 1284 Range Line ∡ = 90°
			15	247	12' L - Brk - To to Bk.
T.P.	447	2053	1019	1606	27' L - To e Bk - Edge Beach
			45	1607	
			41	164	37' L - Beach.
			73	132	90' L - "
T.P.			1210	843	125' L - "

Shore
104400 (N)
Profile incomplete.
See L.A. City F.B. #20712

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date 1946 Survey of Beach Erosion
No. ____ Date ____ Notes Chkd ____ Checked ____ Survey by Klemeck Notes Quik Date 9-5-'46
Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1287 PG. 13

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
					← From pg. 16.	FB 1284
106+00 (N)	228	2744		2516	Range Line ∡ = 90°	F.S. on N-3
			23	251	13' L - Brk - Tp Bk.	
TP	288	1930	1102	1642		
			29	164	26' L - Toe Bk - Edge Beach	
			28	165	36' L - Beach	
			65	128	76' L - "	
TP			1050	880	115' L - "	

Shore
106+00 (N)

Profile incomplete
See F.B. #20712 (L.A. City)

F.B. 1287 PG. 14

Job No. 8412 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date ____ Date 1946 No. ____

Survey by Alemeck Notes GWK 9-5-46 Notes Chkd. ____ Checked ____ X-Sec.

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
104+00 -N-	N-2	1	R	742	9020	Range Line ∡ = 90° F.S. on 'N-2'
		2	Y		8950	Coming in.
		3	W		9005	
		4	Y		8955	
		5	W		8950	
		6	R	800	8935	
		7	Y		9000	
		8	W		9000	
		9	Y		8955	
		10	W		8940	
		11	R	816	9000	
		12	Y		9010	
		13	W		8950	
		14	Y		8955	
		15	W		9025	
		16	R	822	9000	
		17	Y		9005	
		18	W		9005	
		19	Y		9015	
		20	Y		9025	
		21	R	826	9020	

Range 104+00(N)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1289 PG. 15
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleinert Notes Gwk. Date 10-14-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Jon Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
106+00 -N	N-2	1	R	835	90 10	Range Line ∡ = 90° F.S. on N-2"
		2	Y		89 50	Going Out
		3	W		90 20	
		4	Y		90 10	
		5	W		90 10	
		6	R	840	89 20	
		7	Y		90 10	
		8	W		90 15	
		9	Y		90 25	
		10	W		90 10	
		11	R	846	90 05	
		12	Y		90 10	
		13	W		90 15	
		14	Y		90 30	
		15	W		90 15	
		16	R	859	90 10	
		17	Y		90 20	
		18	W		90 10	
		19	Y		90 20	
		20	W		90 25	
		21	R	915	90 05	

Shore Range 106+00 (N)

F.B. 128 PG. 16

Job No. 8412 Division No. Notes Red. Plotted H.U.H. Profile

Survey of Beach Erosion Date Date 1946 No.

Survey by Kleinert Notes Gwk - 10-16-46 Notes Chkd. Checked X-Sec.

Indexed [illegible] Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
96+00 -N	N-2	1	R	7 42	112-50	RANGE 104+00 (W)
		2	Y		114-00	
		3	W		115-40	
		4	Y		116-45	
		5	W		118-50	
		6	R	8 00	119-55	
		7	Y		122-10	
		8	W		124-45	
		9	Y		127-25	
		10	W		130-25	
		11	R	8 16	133-15	
		12	Y		135-30	
		13	Y		137-15	
		14	Y		139-30	
		15	W		141-20	
		16	R	8 21	143-00	
		17	Y		144-50	
		18	W		146-20	
		19	Y		148-15	
		20	W		150-15	
		21	R	8 25	152-30	END OF LINE

Cut in 104+00 (N)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1289 PG. 17
X-Sec. No. ____ Date ____ Date 1946 Survey of BEACH EROSION
Notes Chkd ____ Checked ____ Survey by KLEINECK Notes D.S. Date 10-14-46
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1287 PG. 18 | Job No. 8412 | Division No. | Notes Red. | Plotted H.U.M.H. | Profile

Survey of BEACH EROSION | Date | Date 1946 | No.

Survey by KLEINCK | Notes 2-10-12-46 | Notes Chkd. | Checked | X-Sec.

Indexed A. C. Johns | Date | Date | Date | No.

FORM 307 SM 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

STATION	B.S.	H.I.	F.S.	ELEV.	Remarks
Cut in 106+00 (N)					
96+00					
1+2					
1+3					
1+4					
1+5					
1+6					
1+7					
1+8					
1+9					
2+0					
2+1					
2+2					
2+3					
2+4					
2+5					
2+6					
2+7					
2+8					
2+9					
3+0					
3+1					
3+2					
3+3					
3+4					
3+5					
3+6					
3+7					
3+8					
3+9					
4+0					
4+1					
4+2					
4+3					
4+4					
4+5					
4+6					
4+7					
4+8					
4+9					
5+0					
5+1					
5+2					
5+3					
5+4					
5+5					
5+6					
5+7					
5+8					
5+9					
6+0					
6+1					
6+2					
6+3					
6+4					
6+5					
6+6					
6+7					
6+8					
6+9					
7+0					
7+1					
7+2					
7+3					
7+4					
7+5					
7+6					
7+7					
7+8					
7+9					
8+0					
8+1					
8+2					
8+3					
8+4					
8+5					
8+6					
8+7					
8+8					
8+9					
9+0					
9+1					
9+2					
9+3					
9+4					
9+5					
9+6					
9+7					
9+8					
9+9					
10+0					
10+1					
10+2					
10+3					
10+4					
10+5					
10+6					
10+7					
10+8					
10+9					
11+0					
11+1					
11+2					
11+3					
11+4					
11+5					
11+6					
11+7					
11+8					
11+9					
12+0					
12+1					
12+2					
12+3					
12+4					
12+5					
12+6					
12+7					
12+8					
12+9					
13+0					
13+1					
13+2					
13+3					
13+4					
13+5					
13+6					
13+7					
13+8					
13+9					
14+0					
14+1					
14+2					
14+3					
14+4					
14+5					
14+6					
14+7					
14+8					
14+9					
15+0					
15+1					
15+2					
15+3					
15+4					
15+5					
15+6					
15+7					
15+8					
15+9					
16+0					
16+1					
16+2					
16+3					
16+4					
16+5					
16+6					
16+7					
16+8					
16+9					
17+0					
17+1					
17+2					
17+3					
17+4					
17+5					
17+6					
17+7					
17+8					
17+9					
18+0					
18+1					
18+2					
18+3					
18+4					
18+5					
18+6					
18+7					
18+8					
18+9					
19+0					
19+1					
19+2					
19+3					
19+4					
19+5					
19+6					
19+7					
19+8					
19+9					
20+0					
20+1					
20+2					
20+3					
20+4					
20+5					
20+6					
20+7					
20+8					
20+9					
21+0					
21+1					
21+2					
21+3					
21+4					
21+5					
21+6					
21+7					
21+8					
21+9					
22+0					
22+1					
22+2					
22+3					
22+4					
22+5					
22+6					
22+7					
22+8					
22+9					
23+0					
23+1					
23+2					
23+3					
23+4					
23+5					
23+6					
23+7					
23+8					
23+9					
24+0					
24+1					
24+2					
24+3					
24+4					
24+5					
24+6					
24+7					
24+8					
24+9					
25+0					
25+1					
25+2					
25+3					
25+4					
25+5					
25+6					
25+7					
25+8					
25+9					
26+0					
26+1					
26+2					
26+3					
26+4					
26+5					
26+6					
26+7					
26+8					
26+9					
27+0					
27+1					
27+2					
27+3					
27+4					
27+5					
27+6					
27+7					
27+8					
27+9					
28+0					
28+1					
28+2					
28+3					
28+4					
28+5					
28+6					
28+7					
28+8					
28+9					
29+0					
29+1					
29+2					
29+3					
29+4					
29+5					
29+6					
29+7					
29+8					
29+9					
30+0					
30+1					
30+2					
30+3					
30+4					
30+5					
30+6					
30+7					
30+8					
30+9					
31+0					
31+1					
31+2					
31+3					
31+4					
31+5					
31+6					
31+7					
31+8					
31+9					
32+0					
32+1					
32+2					
32+3					
32+4					
32+5					
32+6					
32+7					
32+8					
32+9					
33+0					
33+1					
33+2					
33+3					
33+4					
33+5					
33+6					
33+7					
33+8					
33+9					
34+0					
34+1					
34+2					
34+3					
34+4					
34+5					
34+6					
34+7					
34+8					
34+9					
35+0					
35+1					
35+2					
35+3					
35+4					
35+5					
35+6					
35+7					
35+8					
35+9					
36+0					
36+1					
36+2					
36+3					
36+4					
36+5					
36+6					
36+7					
36+8					
36+9					
37+0					
37+1					
37+2					
37+3					
37+4					
37+5					
37+6					
37+7					
37+8					
37+9					
38+0					
38+1					
38+2					
38+3					
38+4					
38+5					
38+6					
38+7					
38+8					
38+9					
39+0					
39+1					
39+2					
39+3					
39+4					
39+5					
39+6					
39+7					
39+8					
39+9					
40+0					
40+1					
40+2					
40+3					
40+4					
40+5					
40+6					
40+7					
40+8					
40+9					
41+0					
41+1					
41+2					
41+3					
41+4					
41+5					
41+6					
41+7					
41+8					
41+9					
42+0					
42+1					
42+2					
42+3					
42+4					
42+5					
42+6					
42+7					
42+8					
42+9					
43+0					
43+1					
43+2					
43+3					
43+4					
43+5					
43+6					
43+7					
43+8					
43+9					
44+0					
44+1					
44+2					
44+3					
44+4					
44+5					
44+6					
44+7					
44+8					
44+9					
45+0					
45+1					
45+2					
45+3					
45+4					
45+5					
45+6					
45+7					
45+8					
45+9					
46+0					
46+1					
46+2					
46+3					
46+4					
46+5					
46+6					
46+7					
46+8					
46+9					
47+0					
47+1					
47+2					
47+3					
47+4					
47+5					
47+6					
47+7					
47+8					
47+9					
48+0					
48+1					
48+2					
48+3					
48+4					
48+5					
48+6					
48+7					
48+8					
48+9					
49+0					
49+1					
49+2					
49+3					
49+4					
49+5					
49+6					
49+7					
49+8					
49+9					
50+0					
50+1					
50+2					
50+3					
50+4					
50+5					
50+6					
50+7					
50+8					
50+9					
51+0					
51+1					
51+2					
51+3					
51+4					
51+5					
51+6					
51+7					
51+8					
51+9					
52+0					
52+1					
52+2					
52+3					
52+4					
52+5					
52+6					
52+7					
52+8					
52+9					
53+0					
53+1					
53+2					
53+3					
53+4					
53+5					
53+6					
53+7					
53+8					
53+9					
54+0					
54+1					
54+2					
54+3					
54+4					
54+5					
54+6					
54+7					
54+8					
54+9					
55+0					
55+1					
55+2					
55+3					
55+4					
55+5					
55+6					
55+7					
55+8					
55+9					
56+0					
56+1					
56+2					
56+3					
56+4					
56+5					
56+6					
56+7					
56+8					
56+9					
57+0					
57+1					
57+2					
57+3					
57+4					
57+5					
57+6					
57+7					
57+8					
57+9					
58+0					
58+1					
58+2					
58+3					
58+4					
58+5					
58+6					
58+7					
58+8					
58+9					
59+0					
59+1					
59+2					
59+3					
59+4					
59+5					
59+6					
59+7					
59+8					
59+9					
60+0					
60+1					
60+2					
60+3					
60+4					
60+5					
60+6					
60+7					
60+8					
60+9					
61+0					
61+1					
61+2					
61+3					
61+4					
61+5					
61+6					
61+7					
61+8					
61+9					
62+0					
62+1					
62+2					
62+3					
62+4					
62+5					
62+6					
62+7					
62+8					
62+9					
63+0					
63+1					
63+2					
63+3					
63+4					
63+5					
63+6					
63+7					
63+8					
63+9					
64+0					
64+1					
64+2					
64+3					
64+4					
64+5					
64+6					
64+7					
64+8					
64+9					
65+0					
65+1					
65+2					
65+3					
65+4					
65+5					
65+6					
65+7					
65+8					
65+9					
66+0					
66+1					
66+2					
66+3					
66+4					
66+5					
66+6					
66+7					
66+8					
66+9					
67+0					
67+1					
67+2					
67+3					
67+4					
67+5					
67+6					
67+7					
67+8					
67+9					
68+0					
68+1					
68+2					
68+3					
68+4					
68+5					
68+6					
68+7					
68+8					
68+9					
69+0					
69+1					
69+2					
69+3					
69+4					
69+5					
69+6					
69+7					
69+8					
69+9					
70+0					
70+1					
70+2					
70+3					
70+4					
70+5					
70+6					
70+7					
70+8					
70+9					
71+0					
71+1					
71+2					
71+3					
71+4					
71+5					
71+6					
71+7					
71+8					
71+9					
72+0					
72+1					
72+2					
72+3					
72+4					
72+5					
72+6					
72+7					
72+8					
72+9					
73+0					
73+1					
73+2					
73+3					
73+4					
73+5					
73+6					
73+7					
73+8					
73+9					
74+0					
74+1					
74+2					
74+3					
74+4					
74+5					
74+6					
74+7					
74+8					
74+9					
75+0					
75+1					
75+2					
75+3					
75+4					
75+5					
75+6					
75+7					
75+8					
75+9					
76+0					
76+1					
76+2					
76+3					
76+4					
76+5					
76+6					
76+7					
76+8					
76+9					
77+0					
77+1					
77+2					
77+3					
77+4					
77+5					
77+6					
77+7					
77+8					
77+9					
78+0					
78+1					
78+2					
78+3					
78+4					
78+5					
78+6					
78+7					
78+8					
78+9					
79+0					
79+1					
79+2					
79+3					
79+4					
79+5					
79+6					
79+7					
79+8					
79+9					
80+0					
80+1					
80+2					
80+3					
80+4					
80+5					
80+6					
80+7					
80+8					
80+9					
81+0					
81+1					
81+2					
81+3					
81+4					
81+5					
81+6					
81+7					
81+8					
81+9					
82+0					
82+1					
82+2					
82+3					
82+4					
82+5					
82+6					
82+7					
82+8					
82+9					
83+0					
83+1					
83+2					
83+3					
83+4					
83+5					
83+6					
83+7					
83+8					
83+9					
84+0					
84+1					
84+2					
84+3					
84+4					
84+5					
84+6					
84+7					
84+8					
84+9					
85+0					
85+1					
85+2					
85+3					
85+4					
85+5					
85+6					
85+7					
85+8					
85+9					
86+0					
86+1					
86+2					
86+3					
86+4					
86+5					
86+6					
86+7					
86+8					
86+9					
87+0					
87+1					
87+2					
87+3					
87+4					
87+5					
87+6					
87+7					
87+8					
87+9					
88+0					
88+1					
88+2					
88+3					
88+4					
88+5					
88+6					
88+7					
88+8					
88+9					
89+0					
89+1					
89+2					
89+3					
89+4					
89+5					
89+6					
89+7					
89+8					
89+9					
90+0					
90+1					
90+2					
90+3					
90+4					
90+5					
90+6					
90+7					
90+8					
90+9					
91+0					
91+1					
91+2					
91+3					
91+4					
91+5					
91+6					
91+7					
91+8					
91+9					
92+0					
92+1					
92+2					
92+3					
92+4					
92+5					
92+6					
92+7					
92+8					
92+9					
93+0					
93+1					
93+2					
93+3					
93+4					
93+5					
93+6					
93+7					
93+8					
93+9					
94+0					
94+1					
94+2					
94+3					
94+4					
94+5					
94+6					
94+7					
94+8					
94+9					
95+0					
95+1					
95+2					
95+3					
95+4					
95+5					
95+6					
95+7					
95+8					
95+9					
96+0					
96+1					
96+2					
96+3					
96+4					
96+5					
96+6					
96+7					
96+8					
96+9					
97+0					
97+1					
97+2					
97+3					
97+4					
97+5					
97+6					
97+7					
97+8					
97+9					
98+0					
98+1					
98+2					
98+3					
98+4					
98+5					
98+6					
98+7					
98+8					
98+9					
99+0					
99+1					
99+2					
99+3					
99+4					
99+5					
99+6					
99+7					
99+8					
99+9					
100+0					
100+1					
100+2					
100+3					
100+4					
100+5					
100+6					
100+7					
100+8					
100+9					
101+0					
101+1					
101+2					
101+3					
101+4					
101+5					
101+6					
101+7					
101+8					
101+9					
102+0					
102+1					
102+2					
102+3					
102+4					
102+5					
102+6					
102+7					
102+8					
102+9					
103+0					
103+1					
103+2					
103+3					
103+4					
103+5					
103+6					
103+7					
103+8					
103+9					
104+0					
104+1					
104+2					
104+3					
104+4					
104+5					
104+6					
104+7					
104+8					
104+9					
105+0					
105+1					
105+2					
105+3					
105+4					
105+5					
105+6					
105+7					
105+8					
105+9					
106+0					
106+1					
106+2					
106+3					
106+4					
106+5					
106+6					
106+7					
106+8					
106+9					
107+0					
107+1					
107+2					
107+3					
107+4					
107+5					
107+6					
107+7					
107+8					
107+9					
108+0					
108+1					
108+2					
108+3					
108+4					
108+5					
108+6					
108+7					
108+8					
108+9					
109+0					
109+1					
109+2					
109+3					
109+4					
109+5					
109+6					
109+7					
109+8					
109+9					
110+0					
110+1					
110+2					
110+3					
110+4					
110+5					
110+6					
110+7					
110+8					
110+9					
111+0					
111+1					
111+2					
111+3					
111+4					
111+5					
111+6					
111+7					
111+8					
111+9					
112+0					
112+1					
112+2					
112+3					
112+4					
112+5					
112+6					
112+7					
112+8					
112+9					
113+0					
113+1					
113+2					
113+3					
113+4					
113+5					
113+6					
113+7					
113+8					
113+9					
114+0					
114+1					
114+2					
114+3					
114+4					
114+5					
114+6					
114+7					
114+8					
114+9					
115+0					
115+1					
115+2					
115+3					
115+4					
115+5					
115+6					
115+7					
115+8					
115+9					
116+0					
116+1					
116+2					
116+3					
116+4					
116+5					
116+6					
116+7					
116+8					
116+9					
117+0					
117+1					
117+2					
117+3					
117+4					
117+5					
117+6					
117+7					
117+8					
117+9					
118+0					
118+1					
118+2					
118+3					
118+4					
118+5					
118+6					
118+7					
118+8					
118+9					
119+0					
119+1					
119+2					
119+3					
119+4					
119+5					
119+6					
119+7					
119+8					
119+9					
120+0					
120+1					
120+2					
120+3					
120+4					
120+5					
120+6					
120+7					
120+8					
120+9					
121+0					
121+1					
121+2

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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. Meas.	F. S.	ELEV. Tide		
#	Colo.	Time	Depth	Bottom		Adj. Depth	Remarks
1	R	7:42	29.3 - 31.9	30.2	4.3	25.9	Range 104+00 (N)
2	Y		28.3 - 30.2	28.9		24.6	Going in.
3	W		27.2 - 29.6	28.0	4.4	23.6	
4	Y		26.2 - 28.6	27.0		22.6	
5	W		25.2 - 26.9	25.8	4.5	21.3	
6	R	8:01	24.2 - 25.9	24.8	4.6	20.2	
7	Y		23.2 - 25.4	23.9		19.3	
8	W		22.2 - 23.9	22.8	4.7	18.1	
9	Y		21.0 - 23.1	21.7		17.0	
10	W		20.0 - 22.0	20.7	4.8	15.9	
11	R	8:16	19.0 - 20.9	19.6	4.9	14.7	
12	Y		18.0 - 19.8	18.6		13.7	
13	W		17.0 - 18.8	17.6		12.7	
14	Y		16.0 - 17.7	16.6		11.7	
15	W		14.9 - 16.1	15.3		10.4	
16	R	8:22	13.5 - 14.6	13.9	5.0	8.9	
17	Y		12.0 - 13.1	12.4		7.4	
18	W		10.8 - 11.9	11.2		6.2	
19	Y		9.3 - 11.0	9.9		4.9	
20	W		7.6 - 10.0	8.4		3.4	
21	R	8:26	5.4 - 7.2	6.0	5.0	1.0	End of line

Boat. 104+00 (N)

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

Notes Red. NR Date 11-8-46 Plotted H.U.M.H. Date 1946 Job No. 2412 Division No. ____

Notes Chkd. Date 12-3-46 Checked ____ Date ____ Survey of Beach Erosion Survey by Kleinman Notes G.D. Date 10/14/46 Map No. ____ Indexed C. von Dies Date ____

F.B. 1238 PG. 19

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

Plotted H.U.M.H. Date 11-8-46 Checked Lewis Date 12-3-46

Notes Red 2 Date 11-8-46 Notes Chkd. Date

Job No. 8412 Division No. ____ Notes F.O.H. 10/14

Survey of Beach Erosion

Survey by Kenack Notes ____ Date ____

Indexed ____

F.B. 129 PG. 20

STATION #	Color	B.S. Time	Meas. Depth	F.S. Botom	Elev. Ht. Tide	Adj. Depth		Remarks
1	R	8:34	6.1 - 7.8	6 7	5.1	1.6		Range 106+00 (N). Going Out.
2	Y		7.5 - 9.0	8 0		2.9		
3	W		9.1 - 10.1	9 4		4.3		
4	Y		10.1 - 11.3	10 5		5.4		
5	W		11.0 - 12.4	11 5		6.4		
6	R	8:40	12.4 - 13.6	12 8	5.2	7.6		
7	Y		13.6 - 15.1	14 1		8.9		
8	W		14.8 - 16.3	15 3		10.1		
9	Y		15.8 - 17.3	16 3		11.1		
10	W		16.9 - 18.3	17 4		12.2		
11	R	8:47	18.0 - 19.9	18 6	5.3	13.3		
12	Y		19.4 - 21.0	19 9		14.6		
13	W		20.7 - 22.0	21 1	5.4	15.7		
14	Y		21.8 - 23.4	22 3		16.9		
15	W		22.9 - 24.8	23 5		18.1		
16	R	9:00	24.0 - 25.8	24 6	5.5	19.1	Boat 106+00 (N)	
17	Y		25.0 - 26.8	25 6		20.1		
18	W		26.0 - 27.8	26 6		21.1		
19	Y		27.0 - 28.6	27 5		22.0		
20	W		28.8 - 30.7	29 4		23.9		
21	R	9:14	30.6 - 32.3	31 7	5.6	25.5		End of line

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
108+00 (N)	116	2645		2529	→ From pg. 16. Range Line ∡ = 90°	P.S. on N-3
			12	252	13' L - Brk - Tp. Bk.	
T.P.	196	1889	952	1693		
			20	169	27' L. - Toe Bk. - Edge Beach	
			47	142	64' L - Beach	
			78	111	95' L - "	
T.P.			1023	866	115' L - "	

Shore
108+00 (N)
Profile incomplete.
See L.A. City F.B. #20712

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date 1946 Survey of Beach Erosion
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by Alemeck Notes Bulk Date 9-5-46
Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1287 PG. 21

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
110+00 (N)	188	2711		2523	From pg. 16 Range Line ∡ = 90° F.S. on N-3	
			19	25[illegible]	11' L - Brk - Tp. Bk.	
T.P.	158	1890	979	17[illegible]	23' L - Toe Bk - Edge Bk.	
			16	173		
			43	146	53' L - Beach	
			60	12[illegible]	84' L - " "	
T.P.			1037	853	115' L - " "	

Shore 110+00 (N)

Profile incomplete
See L.A. City F.B. #20712

F.B. 128 PG. 22 Job No. 8412 Division No. Notes Red Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Meineck Notes Chk. 9-5-46 Notes Chkd. Checked
Indexed Date Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
108+00 -N	"N-2"	1	R	924	9015	Range Line ∡ = 90° F.S. on "N-2"
		2	Y		9005	Coming in
		3	W		8950	
		4	Y		8945	
		5	W		9005	
		6	R	938	9000	
		7	Y		9000	
		8	W		9015	
		9	Y		9000	
		10	W		9025	
		11	R	949	9005	
		12	Y		8955	
		13	W		9015	
		14	Y		9025	
		15	W		8950	
		16	R	954	9020	
		17	Y		9000	
		18	W		9010	
		19	Y		9015	
		20	W		9015	
		21	R	957	9025	

Range 108+00 N.

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8442 Division No. ____ F.B. 1287 Pg. 23
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd ____ Checked ____ Survey by Kleiner & Notes GWH Date 10-14-'46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
110+00 -N	"N-2"	1	R	1004	90 [illegible]0	Range Line ∡=90° F.S. on "N-2" Going Out.
		2	Y		90 55	
		3	W		90 [illegible]0	
		4	Y		90 05	
		5	W		89 [illegible]5	
		6	R	1012	89 50	
		7	Y		90 00	
		8	W		90 20	
		9	Y		8[illegible]5	
		10	W		90 00	
		11	R	1019	90 05	
		12	Y		89 [illegible]5	
		13	W		90 35	
		14	Y		90 05	
		15	W		89 55	
		16	R	1032	89 45	
		17	Y		90 10	
		18	W		89 45	
		19	Y		90 05	
		20	W		90 10	
		21	R	1051	90 50	

Range 110+00 (N)

F.B. 1287 Pg. 24

Job No. 8412 Division No. ____ Notes Red ____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date ____ Date 1946 No. ____

Survey by Kleineck Notes Gulk 10-14-46 Notes Chkd ____ Checked ____ X-Sec.

Indexed ____ Date ____ Date ____ Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
96+00	11-2	1	R	7 [illegible]	[illegible]-40	[illegible] 108+00 (N)
		2				
		3			125-40	
		[illegible]			127-25	
		[illegible]			129-30	
		[illegible]		9 38	132-15	
		[illegible]			135-05	
		[illegible]			137-50	
		[illegible]			141-30	
		[illegible]			143-05	
		[illegible]	R	9 47	145-50	
		[illegible]			148-40	
		[illegible]			151-25	
		[illegible]			152-55	
		[illegible]			154-25	
		[illegible]		9 [illegible]	156-[illegible]	
		[illegible]			157-10	
		[illegible]			159-25	
		[illegible]			160-10	
		[illegible]			161-35	
		21	R	9 57	162-30	END OF LINE.

Cut in 108+00 (N)

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. P412 Division No. ____ F.B. 1287 Pg. 25

X-Sec. No. ____ Date ____ Date 1946 Survey of [illegible]

Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight Cn	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
96+00 -N	N-2	1	R	10 04	16[illegible]-[illegible]	[illegible]
		2	Y		16[illegible]	
		3	W		16[illegible]-50	
		4	Y		160-15	
		5	W		1[illegible]-10	
		6	R	10 12	15[illegible]-25	
		7	Y		15[illegible]-40	
		8	W		15[illegible]	
		9	Y		15[illegible]	
		10	W		[illegible]	
		11	R	10 19	[illegible]	
		12	Y		14[illegible]	
		13	W		147-[illegible]	
		14	Y		14[illegible]-[illegible]	
		15	W		14[illegible]-30	
		16	R	10 32	13[illegible]	
		17	Y		136-[illegible]	
		18	W		134-[illegible]	
		19	Y		132-[illegible]	
		20	W		129-50	
		21	R	10:56	127-25	END OF LINE.

Cut in 110+00 (N)

F.B. 1284 PG. 26

Job No. [illegible] Division No. [illegible] Notes Red. [illegible] Plotted H.U.M.H. No. [illegible] Profile

Survey of [illegible] Date [illegible] Date 1946 X-Sec.

Survey by [illegible] Notes [illegible] Notes Chkd [illegible] Checked [illegible] No.

Indexed [illegible] Date [illegible] Date [illegible] Date [illegible]

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	9:25	30.5-32.2	31.1	5.7	25.4	Range 108+00 (N)
2	Y		29.5-31.1	30.0		24.3	Going In.
3	W		28.4-30.4	29.1	5.8	23.3	
4	Y		27.5-29.6	28.2		22.4	
5	W		26.5-28.3	27.1		21.3	
6	R	9:37	25.3-27.3	26.0	5.9	20.1	
7	Y		24.0-26.0	24.7		18.8	
8	W		22.6-24.9	23.4		17.5	
9	Y		21.4-23.0	21.9		16.0	
10	W		20.4-22.2	21.0		15.1	
11	R	9:50	19.1-21.1	19.8	6.0	13.8	
12	Y		17.9-20.0	18.6		12.6	
13	W		16.5-18.1	17.0		11.0	
14	Y		15.0-17.0	15.7		9.7	
15	W		13.7-15.1	14.2		8.2	
16	R	9:55	12.5-14.5	13.2	6.0	7.2	
17	Y		11.4-13.0	11.9		5.9	
18	W		10.0-11.4	10.5		4.5	
19	Y		8.8-11.0	9.5		3.5	
20	W		7.5-9.8	8.3		2.3	
21	R	9:59	6.5-9.0	7.3	6.1	1.2	End of line

Boat. 108+00 (N)

Profile No. ____ Notes Red AZ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 128 PG. 27
Date 11-8-46 Date 1946 Survey of Beach Erosion
X-Sec. No. ____ Notes Chkd. RCW Checked ____ Survey by Klaineck Notes G.O.H. Date 10/14/46
Date 12-3-46 Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	Meas. Depth	F. S. Botom	Ht. Tide	Adj. Depth	Remarks
1	R	10:05	6.3-8.4	7.0	6.1	0.9	Range 110+00 (N)
2	Y		7.3-8.6	7.7		1.6	Going Out
3	W		9.5-11.0	10.0		3.9	
4	Y		10.9-12.1	11.3		5.2	
5	W		12.0-13.5	12.5		6.4	
6	R	10:13	13.0-14.4	13.5	6.2	7.3	
7	Y		14.6-16.1	15.1		8.9	
8	W		16.0-17.6	16.5		10.3	
9	Y		17.0-18.8	17.6		11.4	
10	W		18.0-20.0	18.7		12.5	
11	R	10:20	19.0-20.9	19.6	6.2	13.4	
12	Y		20.0-21.8	20.6		14.4	
13	W		21.0-23.0	21.7		15.5	
14	Y		22.2-24.1	22.8		16.6	
15	W		23.5-25.2	24.1		17.9	
16	R	10:33	24.5-26.4	25.1	6.2	18.8	Boat 110+00 (N)
17	Y		25.5-27.4	26.1		19.8	
18	W		26.5-28.5	27.2		20.9	
19	Y		27.5-29.5	28.2		21.9	
20	W		29.1-31.1	29.8		23.5	
21	R	10:51	30.9-32.0	30.9	6.3	24.6	End of Line

F.B. 128 PG. 28

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 11-8-46 Date 1946 No.

Survey by Kleinack Notes A.C.S. 10/14/46 Notes Chkd. Checked X-Sec.

Indexed Date 12-3-46 Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
113+00(N)	256	27 68		2512	From pg. 16. Range Line ∡ = 90° F.S. on N-3	
			21	256	12' L - Brk - Top Bk.	
T.P.	009	16 47	1130	1638		
			19	146	30' L - Toe Bk - Edge Beach	
			39	126	77' L - Beach	
T.P.			829	818	115' L - "	

Shore
113+00(N)
Profile incomplete
See L.A.C. Ty F.B. #20712

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8417 Division No. ____
X-Sec. Notes Chkd. ____ Date 19 46 Survey of Beach Erosion
No. ____ Date ____ Checked ____ Survey by Hewes Notes GWK Date 9-5-'46
Map No. ____ Indexed ____ Date ____

F.B. 1287 PG. 29

F.B. 1287 PG. 30

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Meineck Notes GWC 9-5-'46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. O. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.	
114+00(N)	090	2610		2520	~~or~~ From pg. 16 Range Line ∡ = 90° F.S on N-3
			08	223	10' L - Brk - Tp Bk.
			74	127	20' L - "
TP	168	1809	969	1641	
			31	150	35' L - T.Sl. - Edge Beach
			50	131	72' L - Beach
			75	10[illegible]	93' L - "
TP			1015	7[illegible]	120' L - "

Shore
114+00(N)

Profile incomplete.
See L.A. City F.B. #20712

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
113+00 -N	N-2	1	R	11 01	90 40	Range Line ∡ = 90° F.S. on "N-2"
		2	Y		90 25	Coming in
		3	W		90 20	
		4	Y		90 00	
		5	W		89 40	
		6	R	11 12	90 40	
		7	Y		90 20	
		8	W		90 20	
		9	Y		89 55	
		10	W		90 15	
		11	R	11 19	90 20	
		12	Y		90 10	
		13	W		90 15	
		14	Y		90 45	
		15	W		90 25	
		16	R	11 23	90 25	
		17	Y		89 55	
		18	W		90 15	
		19	Y		90 05	
		20	W		90 05	
		21	R	11 25	90 50	

Range 113+00 (N)

Profile No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Date 10/46 Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by Meineck Notes Chkd. ____ Date 10-14-46

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

F.B. 1287 PG. 31

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
114+00	N-2	1	R	1131	90 10	Range Line ∡ = 90° F.S. on "N-2"
		2	Y		91 05	Going Out
		3	W		90 55	
		4	Y		90 [illegible]5	
		5	W		90 40	
		6	R	1140	90 25	
		7	Y		91 30	
		8	W		89 50	
		9	Y		90 [illegible]5	
		10	W		89 50	
		11	R	1146	90 [illegible]5	
		12	Y		90 [illegible]	
		13	W		89 [illegible]	
		14	Y		89 [illegible]	
		15	W		90 35	
		16	R	1157	90 40	
		17	Y		90 [illegible]	
		18	W		89 [illegible]	
		19	Y		91 00	
		20	W		89 [illegible]	
		21	R	1215	90 [illegible]	

Range 114+00 (N)

F.B. 1287 PG. 32 Job No. 8412 Division No. Notes Red Date Plotted H.U.M.H. Date 1946 No. Profile
Survey of Beach Erosion Date X-Sec.
Survey by Mainect Notes Bulk 10.14.46 Notes Chkd. Checked
Indexed [illegible] Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
104+00	[illegible]	[illegible]	[illegible]	11 00	118-15	RANGE 13+[illegible] (N)
		2	[illegible]		120-10	
		3	W		122-50	
		4	Y		125-30	
		5	W		126-40	
		[illegible]	R	11 12	129-35	
		[illegible]	[illegible]		131-50	
		[illegible]	W		134-55	
		[illegible]	[illegible]		137-20	
		[illegible]	W		140-25	
		[illegible]	R	11 17	142-25	
		[illegible]	[illegible]		144-00	
		13	W		145-20	
		[illegible]	[illegible]		146-55	
		[illegible]	W		148-35	
		[illegible]	R	11 22	151-00	
		[illegible]	[illegible]		152-15	
		[illegible]	W		153-50	
		10	Y		155-10	
		20	W		158-10	
		[illegible]	R	11 25	157-30	END OF LINE.

Cut in 113+00 (N)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8912 Division No. ____ F.B. 1287 PG. 33

X-Sec. No. ____ Date ____ Date 19/46 Survey of [illegible]

Notes Chkd. ____ Checked ____ Survey by KLEINECK Notes D.S. Date 10-14-46

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

F.B. 128 PG. 34 Job No. 232 Division No. ____ Notes Red. ____ Plotted H. U. M. H. Profile

Survey of ____ EROSION Date ____ Date 1946 No. ____

Survey by KLEINECK Notes D.S. 10-14-46 Notes Chkd. ____ Checked ____ X-Sec.

Indexed A. O. Johnson Date ____ Date ____ Date ____ No. ____

Cut in 114+00(N)

STATION / Inst. Sight / At	B.S. / Or	H.I. / # / Color	F.S. / Time	ELEV. / Hor. Ang.	Remarks
134+00 N-2				16[illegible]	RANGE 114+00
				125-35	
				122-10	
R 1/2 15				126-35	END OF LINE

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____

X-Sec. No. ____ Notes Chkd. 11-8-46 Date ____ Checked Iguilo. Survey of Beach Erosion Survey by Klamzock Notes F.C.S. Date 11/14/46

Date 12-3-46 Date ____ Map No. ____ Indexed ____ Date ____

F B 1287 PG. 35

STATION #	Color	Time	B. S. Meas. Depth	H. I. Bottom	F. S.	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	11:01	29.5-31.6	30.2		6.3	23.9	Range 113+00 (N)
2	Y		28.3-30.8	29.1			22.8	Going In
3	W		27.1-28.6	27.6			21.3	
4	Y		25.9-27.9	26.6			20.3	
5	W		24.6-26.7	25.3			19.0	
6	R	11:13	23.5-25.4	24.1		6.3	17.8	
7	Y		22.4-24.3	23.0			16.7	Switched Flags (W to Y)
8	W		21.0-23.3	21.8			15.5	
9	Y		20.0-22.0	20.7			14.4	
10	W		19.0-20.5	19.5			13.2	
11	R	11:20	18.0-19.3	18.4		6.3	12.1	
12	Y		17.0-18.4	17.5			11.2	
13	W		16.0-17.8	16.6			10.3	
14	Y		14.6-17.0	15.4			9.1	
15	W		13.4-15.2	14.0			7.7	
16	R	11:24	12.2-14.3	12.9		6.2	6.7	Boat. 113+00 (N)
17	Y		10.2-12.0	10.8			4.6	
18	W		9.0-11.3	9.8			3.6	
19	Y		8.0-10.1	8.7			2.5	
20	W		6.5-9.0	7.3			1.1	
21	R	11:26	6.0-8.3	6.8		6.2	0.6	End of Line

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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. 1287 Pg. 36 | Job No. 2412 | Division No. | Notes Red. | Plotted H.U.M.H. | Date 1946 | Profile No. | X-Sec. No.

Survey of Beach Erosion | Notes A.C.S. | Date 10/14/46 | Date 11-8-46 | Checked Law. | Date 12-3-46

Survey by Kanack | Indexed

STATION #	Color	Time	B. S. Meas. Depth	H. I. Bottom	F. S. Ht. Tide	ELEV. Adj. Depth	Remarks
1	R	11:32	5.5-7.8	6 3/4	2	0.1	Range 114+00 (N) Going Out
2	Y		6.7-8.2	7 3/4		1.0	
3	W		7.7-9.2	8 3/4		2.0	
4	Y		8.7-10.3	9 3/4		3.0	
5	W		10.0-11.8	10 6/4		4.4	
6	R	11:40	11.0-13.0	11 7/4	1	5.6	
7	Y		12.5-13.9	13 2/4		6.9	
8	W		14.0-15.5	14 5/4		8.4	
9	Y		15.5-17.2	16 1/4		10.0	
10	W		16.5-18.3	17 1/4		11.0	
11	R	11:47	17.8-19.8	18 5/4	1	12.4	
12	Y		19.0-20.9	19 6/4		13.5	
13	W		20.0-22.1	20 7/4		14.6	
14	Y		21.0-23.0	21 7/4		15.6	
15	W		22.3-23.9	22 8/4		16.7	
16	R	11:58	23.4-25.2	24 0/4	5	18 0/4	Boat 114+00 (N)
17	Y		24.5-26.1	25 0/4		19 0/4	
18	W		25.5-27.5	26 2/4	5 9	20.3	
19	Y		26.8-29.0	27 5/4		21.6	
20	W		28.0-29.5	28 5/4		22.6	
21	R	12:17	29.0-31.0	29 7/4	5.8	23.9	End of Line

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
116+00 (N)	1[illegible]	2706		2530	→ From pg. 16 Range Line ∡ = 90° F.S. on N-3	
			16	255	14' L - BrK - Top BK.	
T.P.	043	1786	963	1743		
			05	174	26' L - Toe BK	
			25	154	39' L - Beach	
			54	125	77' L - " "	
T.P.			950	836	115' L - " "	

Shore
116+00 (N)

Profile incomplete.
See L.A.C. Ty F.B. # 20712.

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 842 Division No. ____ F.B. 1287 PG. 37
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleinecke Notes Gwk Date 9-5-46
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1287 PG. 38 | Job No. 8412 | Division No. | Notes Red. | Plotted H. U. M. H. | Profile

Survey of Beach Erosion | Date | Date 1946 | No.

Survey by Kleineck | Notes GWK 9-5-46 | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.	
118+00 (N)	092	2646		2554	From Pg. 16 Range Line ∡ = 90° F.S. on N.3
			10	255	14' L - BK - Tp. BK.
T.P.	240	1849	1037	1609	
			24	161	30' L - Toe BK. - Edge Beach
			58	127	79' L - Beach
T.P.			977	872	110' L - "

Shore
118+00 (N)

Profile incomplete
See L.A. City F.B. #20712

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

Inst. Sight At	On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
116+00	N-2	1	R	1223	9010	Range Line ∡ = 90° F.S. on "N-2" coming in
		2	Y		9110	
		3	W		9140	
		4	Y		9045	
		5	W		8950	
		6	R	1231	8950	
		7	Y		9025	
		8	W		8955	
		9	Y		9020	
		10	W		8910	
		11	R	1239	8940	
		12	Y		9015	
		13	W		9005	
		14	Y		8945	
		15	W		9015	
		16	R	1243	9040	
		17	Y		9010	
		18	W		9005	
		19	Y		9010	
		20	W		9025	

Range 116+00 (N)

Profile No. ____ Notes Red ____ Plotted ____ H.U.M.H. Job No. 8442 Division No. ____ F.B. 1287 PG. 39
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd ____ Checked ____ Survey by Klemeck Notes Gulf Date 10-14-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
118+00 -N	N-2	1	R	7 16	90 00	Range Line ∡ = 90° F.S. on N-2
		2	Y		90 15	Coming In.
		3	W		90 10	
		4	Y		90 05	
		5	W		90 25	
		6	R	7 30	90 25	
		7	Y		90 20	
		8	W		89 55	
		9	Y		90 10	
		10	R	7 41	90 35	
		11	R	7 42	90 25	
		12	Y		90 05	
		13	W		90 40	
		14	Y		90 25	
		15	W		90 40	
		16	R	7 48	90 35	
		17	Y		90 30	
		18	W		90 25	
		19	Y		90 45	End.

Range 118+00 (N)

F.B. 1787 PG. 40 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 1946 No. X-Sec.
Survey by Meineck Notes Stmt 10-15-46 Notes Chkd. Checked No.
Indexed C. Johnson Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
114+00 -N	N-2	1	R	12 22	127-40	RANGE 116+00 (N)
		2	Y		130-20	
		3	W		132-30	
		4			133-20	
		5			134-50	
		6	R	12 31	136-45	
		7			138-55	
		8			140-40	
		9			144-20	
		10			145-35	
		[illegible]	R	12 38	147-15	
		[illegible]			149-20	
		[illegible]			151-05	
		[illegible]			153-00	
		[illegible]			154-35	
		[illegible]	R	12 42	156-00	
		[illegible]			157-10	
		18			158-35	
		19	Y		159-45	
		20	W		163-45	END OF LINE.

Cut in. 116+00 (N)

Profile No. ____ Notes Red ____ Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. 1287 PG. 41

X-Sec. No. ____ Date ____ Date 1946 Survey of BEACH EROSION

Notes Chkd ____ Checked ____ Survey by KLEINECK Notes D.S. Date 10-14-46

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 At	Sight On	B.S. #	H.I. Color	F.S. Time	ELEV. Hor. Ang.	Remarks
110+00	N-2	1	[illegible]	7 15	113-[illegible]	[illegible]
		2	[illegible]		114-[illegible]	
		3	[illegible]		115-[illegible]	
		4	Y		118-[illegible]	
		5	[illegible]		120-[illegible]	
		6	R	7 30	12[illegible]	
		7			124-[illegible]	
		8			126-40	
		9			12[illegible]	
		[illegible]	R	7 40	13[illegible]	
		[illegible]		7 42	134-[illegible]	
		[illegible]			137-[illegible]	
		[illegible]			139-[illegible]	
		[illegible]			141-30	
		[illegible]			144-[illegible]	
				7 48	[illegible]	
		[illegible]			146-[illegible]	
		[illegible]			14[illegible]	
		10	Y		15[illegible]-[illegible]	END OF LINE.

Cut in 118+00 (N)

F.B. 1287 PG. 42

Job No. [illegible] Division No. [illegible] Notes Red [illegible] Plotted H.U.M.H. Profile

Survey of [illegible] Date 1946 No. X-Sec.

Survey by [illegible] Notes D.S. 10-15-46 Notes Chkd. Checked

Indexed A. G. Johnson Date Date Date No.

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	12:25	28.0-30.0	28 7	5 7	23.0	Range 116+00 (N)
2	Y		27.0-28.5	27 5		21.8	Going In
3	W		26.0-28.0	~~27 7~~ 26.7		~~22.5~~ 21.0	
4	Y		25.0-27.0	25 7		20.0	
5	W		24.0-25.8	24 6		18.9	
6	R	12:32	23.0-25.0	23 7	5 6	18.1	
7	Y		22.0-24.0	22 7		17.1	
8	W		21.0-23.0	21 7	5 5	16.2	
9	Y		20.0-21.8	20 6		15.1	
10	W		19.0-21.0	19 7		14.2	
11	R	12:40	18.0-20.0	18 7	5 4	13.3	
12	Y		17.0-19.0	17 7		12.3	
13	W		16.0-18.2	16 7		11.3	
14	Y		14.5-16.3	15 1		9.7	
15	W		13.3-15.1	13 9		8.5	
16	R	12:44	11.8-13.2	12 3	5 4	6.9	
17	Y		10.5-12.0	11 0		~~6.6~~ 5.6	
18	W		9.4-10.9	9 9		4.5	
19	Y		8.0-10.0	8 7		3.3	
20	W		6.1-8.7	7 0		1.6	End of Line

Boat. 116+00 (N)

Profile No. ____ Notes Red. JKB Plotted H. U. M. H. Job No. 5417 Division No. ____ F B. 1287 Pg. 43
X-Sec. No. ____ Date 11-8-46 Date 19446 Survey of Beach Erosion
Notes Chkd. LCW Checked ____ Survey by ____ Notes H.C.S. Date 10/14/46
Date 12-3-46 Date ____ Map No. ____ Indexed ____ Date ____

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	7:15	27.9-29.7	28.5	5	25.0	Range 118+00(N)
2	Y		26.9 29.2	27.7		24.2	Going In.
3	W		25.7-27.8	26.4		22.9	
4	Y		24.8-26.4	25.3		21.8	
5	W		23.5 25.3	24.1		20.6	
6	R	7:30	22.5-23.8	22.9	6	19.3	
7	Y		21.5-23.0	22.0		18.4	
8	W		20.2-22.0	20.8		17.2	
9	Y		19.2-21.2	19.9		16.3	
10	*R	7:39	18.0 19.8	18.6	7	14.9	Raised Red-flag here
11	R	7:41	17.0-19.0	17.7	7	14.0	
12	Y		15.8-17.9	16.5		12.8	
13	W		14.6-16.0	15.1		11.4	
14	Y		13.3-15.0	13.9		10.2	
15	W		12.0-13.7	12.6		8.9	
16	R	7:46	10.8-12.2	11.3	8	7.5	Boat. 118+00(N)
17	Y		9.3-10.8	9.8		6.0	
18	W		8.0 9.3	8.4		4.6	
19	Y		6.5-7.8	6.9		3.1	End of line
~~20~~	~~W~~						

F. B. 1287 PG. 44 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 11-8-46 Date 1946 No.
Survey by Kleineck Notes G.O.H. 10/15/46 Notes Chkd. Checked X-Sec.
Indexed Date Date 12-3-46 Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
					→ From Pg. 16	
120+00 (N)	170	2710		2540	Range Line ∡ = 90° F.S on N-4.	
			17	254	14' L - Brk - Tp. Bk.	
T.P.	243	1890	1063	1647		
			24	165	25' L - Toe Bk. - Edge Beach	
			65	124	71' L - Beach.	
T.P.			1048	842	110' L - "	

Shore
120+00 (N)
Profile incomplete
See L.A. City F.B. # 20712

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date ____ Date 19 46 Survey of Beach Erosion
No. ____ Date ____ Notes Chkd ____ Checked ____ Survey by Klemcek Notes QWK Date 9-5-46
Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1287 PG. 45

F.B. 1287 PG. 46

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date _____ Date 1946. No. _____

Survey by Kleineck Notes GWK 9-5-'46 Notes Chkd. _____ Checked _____ X-Sec.

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.	
122+00 (N)	161	2677		2516	~~T~~ From Bg. 16 Range Line ∡ = 90° F.S. on N-4.
TP	242	1790	16	252	15' L - Brk - Tp. Bk.
			1129	1548	
			24	155	27' L - Toe Bk. Edge Beach
			53	126	66' L - Beach.
TP			970	820	110' L - "

Shore
122+00 (N)

Shore.
122+00 (N)

Profile incomplete
See L.A. City F.B. #20712

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
120+00 -N	N-3	1	R	757	9040	Range Line ∡ = 90° F.J. on "N-3"
		2	Y		9030	Going Out
		3	W		9050	
		4	Y		9005	
		5	W		9025	
		6	R	803	9100	
		7	Y		9000	
		8	W		9025	
		9	Y		9030	
		10	W		9005	
		11	R	810	9015	
		12	Y		8945	
		13	W		9000	
		14	Y		9005	
		15	W		9000	
		16	R	821	8955	
		17	Y		9000	
		18	W		8955	
		19	Y		9005	
		20	W		9000	

Range 120+00 (N)

Profile No. ____ Date ____ Notes Red ____ Plotted ____ Date ____ Job No. 8416 Division No. ____ F.B. 1287 PG. 47
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ Survey of Beach Erosion Survey by Meineck Notes Gwk Date 10-15-46
Map No. ____ Date ____ Indexed ____ Date ____

H.U.M.H.
C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
122+00 -N	N-3	1	R	842	90 15	Range Line ∡ = 90° F.S. on "N-3"
		2	Y		89 35	Coming In.
		3	W		89 45	
		4	Y		89 40	
		5	W		90 05	
		6	R	858	89 50	
		7	Y		89 45	
		8	W		89 55	
		9	Y		90 00	
		10	W		90 00	
		11	R	909	89 55	
		12	Y		90 00	
		13	W		90 15	
		14	Y		90 10	
		15	W		89 50	
		16	R	915	89 40	
		17	Y		90 10	
		18	W		89 55	
		19	Y		90 05	
		20	W		90 10	End.

Range 122+00 (N)

F.B. 128 PG. 48

Job No. 8412 Division No. Notes Red Plotted H.U.M.H. Profile

Survey of Beach Erosion Date Date 1946 No. X-Sec.

Survey by Kleinek Notes GWK 10-15-46 Notes Chkd. Checked

Indexed [illegible] Date Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
110+00	N-2	1	R	7 57	157-05	RANGE 120+00 (N)
		2	Y		155-10	
		3	W		152-30	
		4	Y		150-10	
		5	W		149-00	
		6	R	8 03	146-30	
		7	Y		144-50	
		8	W		143-05	
		9	Y		140-40	
		10	W		138-05	
		11	R	8 10	135-15	
		12	Y		133-40	
		13	W		132-00	
		14	Y		129-45	
		15	W		127-20	
		16	R	8 20	124-50	
		17	Y		122-55	
		18	W		121-05	
		19	Y		118-55	
		20	W		117-25	END OF LINE

Cut in 120+00 (N)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 PG. 49
No. ____ Date ____ Date 19/16 Survey of BENCH ERECTION
X-Sec. Notes Chkd ____ Checked ____ Survey by KLEINECK Notes D.S. Date 11-15-46
No. ____ Date ____ Date ____ Map No. ____ Indexed by C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight Cr	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
110+00 -N	N-2	1	R	8 41	121-20	RANGE 123+00(N)
		2	Y		123-05	
		3	W		124-[illegible]	
		4	Y		12[illegible]-15	
		5	W		130-00	
		6	R	8 57	13[illegible]	
		7	Y		133-55	
		8	W		137-[illegible]	
		9	Y		13[illegible]-10	
		10	W		141-20	
		11	R	9 09	144-[illegible]0	
		12	Y		1[illegible]-[illegible]0	
		13	W		1[illegible]	
		14	Y		1[illegible]	
		15	W		[illegible]	
		16	R	9 15	15[illegible]	
		17	Y		156-[illegible]	
		18	W		158-15	
		19	Y		15[illegible]	
		20	W		160-[illegible]	END OF LINE.

Cut in 122+00(N)

F.B. 128 PG. 50

Job No. 8212 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Date 1946 No. ____ Profile

Survey of [illegible] Date ____ X-Sec.

Survey by [illegible] Notes [illegible] Notes Chkd. ____ Checked ____ No. ____

Indexed A. O. Johnson Date ____ Date ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

Notes Red. SKR Date 11-14-46 Plotted H.U.M.H. Date 12-16-46 Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by Klamack Notes G.O.H. Date 10-15-46

Notes Chkd. Lewis Date 12-3-46 Checked ____ Date ____ Map No. ____ Indexed ____ Notes C. Johnson

F.B. 128 Pg. 51

STATION #	Color	Time	H.I. Meas. Depth	F.S. Bottom	ELEV. Tide	Adj. Depth	Remarks
1	R	7:56	6.1 - 8.0	6 7	3 9.	2.8	Range 120+00(N) Going Out
2	Y		7.2 - 8.7	7 7		3.8	
3	W		9.2 - 10.8	9 7		5.8	
4	Y		11.0 - 13.0	11 7		7.8	
5	W		12.2 - 14.0	12 8		8.7	
6	R	8:03	13.8 - 15.8	14 5	3 9.	10.6	
7	Y		14.8 - 16.5	15 4		11.5	
8	W		15.8 - 17.5	16 4		12.5	
9	Y		16.8 18.5	17 4		13.5	
10	W		18.0 - 19.7	18 6		14.7	
11	R	8:11	19.0 - 20.7	19 6	4 0.	15 6	
12	Y		20.0 - 21.6	20 5		16 5	
13	W		21.0 - 22.8	21 6		17 6	
14	Y		22.0 - 23.7	22 6		18 6	
15	W		23.1 - 25.0	23 7		19 7	
16	R	8:20	24.4 - 26.4	25 1	4 1.	21 0	
17	Y		25.5 - 27.7	26 2		22 1	
18	W		26.5 - 28.5	27 2		23 1	
19	Y		27.9 - 29.9	28 6		24 5	
20	W		29.0 - 30.4	29 5		25 4	End of line

Boat.
120+00(N)

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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. 128 PG. 52
Survey of Beach Erosion
Survey by Blanck
Indexed C. Johnson
Job No. 5412 Division No. FOH 10/15/46
Notes Red. RS Date 11-8-46
Notes Chkd. Lowe Date 12-3-46
Plotted H.U.M.H. Date 12/46
Profile No. X-Sec. No.

STATION	Color	B. S. Time	Meas. Depth	F. S. Botom	Elev. ft. Tide	Adj. Depth	Remarks
1	R	8:41	29.0 - 30.9	29 6	4.5	25.1	Range 122+00 (N)
2	Y		28.0 - 29.8	28 6		24.1	Going In.
3	W		27.0 - 29.0	27 7	4.6	23.1	
4	Y		25.8 - 27.6	26 4		21.8	
5	W		24.8 - 26.2	25 3		20.7	
6	R	8:57	23.9 - 24.8	24 2	4.7	19.5	
7	Y		22.9 - 25.0	23 6		18.9	
8	W		21.7 - 23.9	22 4		17.7	
9	Y		20.9 - 22.9	21 6		16.9	
10	W		19.6 - 21.3	20 2		15.5	
11	R	9:10	18.0 - 19.5	18 5	4.9	13.6	
12	Y		16.9 - 19.0	17 6		12.7	
13	W		15.8 - 17.6	16 4		11.5	
14	Y		14.0 - 16.0	14 7		9.8	
15	W		13.0 - 15.0	13 7		8.8	
16	R	9:15	11.6 - 13.0	12 1	4.9	7.2	Boat 122+00 (N)
17	Y		10.0 - 11.8	10 6		5.7	
18	W		8.9 - 10.4	9 4		4.5	
19	Y		7.9 - 9.9	8 6		3.7	
20	W		6.4 - 8.6	7 1		2.2	End of line

Profile No. ____ Notes Red ____ Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. 1287 PG. 53

Date ____ Date 1946. Survey of Beach Erosion

X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by Kleiner Notes GWK Date 9-5-'46

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

Shore
124+00(N)

Profile incomplete
See L.A. City F.B. #20712

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
124+00(N)	0.52	2588		2536	From pg. 16 Range Line ∡ = 90° F.S. on N-4
			04	255	16' L - Brk. - To Bk.
TP	2.92	1800	1080	1508	
			29	151	30' L - Toe Bk - Edge Beach
			51	129	63' L - Beach
TP			999	801	115' L - " "

FORM 307 5M 1-46

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
					→ From pg. 16	
126+00 (N)	187	2691		2504	Range Line ∡ = 90°	F.S. on N-4
			15	254	13' L - Brk - Tp. Bk.	
T.P.	177	1849	1019	1672		
			18	167	25' L - Toe Bk - Edge Beach	
			52	133	70' L - Beach.	
T.P.			990	859	105' L - "	

Shore
126+00 (N)

Profile incomplete
See L.A. City F.B. #20712

F.B. 1287 PG. 54
Job No. 842 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Profile
Survey of Beach Erosion Date ____ Date 1946 No. ____
Survey by Kleineck Notes GWK 9-5-46 Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. Johnson Date ____ Date ____ Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
124400 -N	N-3	1	R	926	9015	Range Line ∡ - 90° F.S. on "N-3"
		2	Y		9000	Going out
		3	W		9040	
		4	Y		8945	
		5	W		9005	
		6	R	931	9015	
		7	Y		9040	
		8	W		9045	
		9	Y		9020	
		10	W		9010	
		11	R	938	9015	
		12	Y		9015	
		13	W		9010	
		14	Y		9020	
		15	W		9020	
		16	R	948	9005	
		17	Y		9025	
		18	W		8955	
		19	Y		9000	
		20	W		9020	
		21	R	1004	9020	

Range 124400 (N)

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 PG. 55
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleinert Notes SWK Date 10-N-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
126+00 -N	N-3	1	R	1016	9005	Range Line ∡ = 90° F.J. on "N-3"
		2	Y		9010	coming in.
		3	W		9005	
		4	Y		8955	
		5	W		9010	
		6	R	1032	9000	
		7	Y		9020	
		8	W		9020	
		9	Y		9020	
		10	W		9020	
		11	R	1041	9000	
		12	Y		9010	
		13	W		9000	
		14	Y		9005	
		15	W		9020	
		16	R	1046	9010	
		17	Y		9020	
		18	W		9010	
		19	Y		9020	End.

Range 126+00 (N)

F.B. 1287 PG. 56 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Meinert Notes GWK 10-15-46 Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
110+00 -N	N-2	1	R	9 26	163-25	RANGE 124+00 (N)
		2	Y		161-50	
		3	W		160-30	
		4	Y		159-30	
		5	W		158-20	
		6	R	9 31	157-10	
		7	Y		155-50	
		8	W		154-15	
		9			153-05	
		10			150-45	
		11		9 38	148-05	
		12	Y		147-05	
		13	W		143-50	
		14	Y		142-00	
		15	W		139-55	
		16	R	9 48	137-50	
		17	Y		136-05	
		18	W		133-10	
		19	Y		130-00	
		20	W		127-45	
		21	R	10:03	126-15	END OF LINE

Cut in 124+00 (N)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 PG. 57
X-Sec. No. ____ Date ____ Date 1946 Survey of RENCO Erosion
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes D.S. Date 10-15-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

F.B. 1287 PG. 58

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H. U. M. H. Profile

Survey of BEACH FROSTON Date _____ Date 1946 No. _____

Survey by KLEINSCH Notes D.S. 10-15-46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. O. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
Inst. Sight At	On	#	Color	Time	Hor. Ang.	Remarks
118+00 N	1/2		R	10 16	112-35	RANGE 126+00 (N)
			Y		115-35	
			W		114-50	
			Y		11[illegible]-20	
			W		120-15	
			R	10 31	123-[illegible]	
			Y		12[illegible]	
			W		12[illegible]	
			W		13[illegible]-10	
			W		13[illegible]	
			R	10 40	13[illegible]-20	
			Y		141-10	
			W		14[illegible]-10	
			Y		15[illegible]	
			W		15[illegible]	
			R	10 45	12[illegible]	
			Y		15[illegible]	
			W		15[illegible]-10	
			Y		15[illegible]	END OF LINE

Cut in
126+00 (N)

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

Notes Red FBR Plotted H.U.M.H. Job No. 8W Division No. ____
Date 10-8-46 Date 10/10 Survey of Beach Erosion
Notes Chkd. HUM Checked ____ Survey by Kenney Notes G.O.H. Date 10/15/46
Date 12-3-46 Date ____ Map No. ____ Indexed C. Johnson

F.B. 1289 Pg. 59

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Tide	Adj. Depth	Remarks
1	R	9:25	6.8 - 8.6	7.4	5.0	2.4	Range 124+00(N) Going Out
2	Y		8.0 - 9.3	8.4		3.4	
3	W		9.3 - 11.0	9.9		4.9	
4	Y		10.3 - 12.3	11.0		6.0	
5	W		11.3 - 12.8	11.8		6.8	
6	R	9:30	12.5 - 13.4	12.8	5.1	7.7	
7	Y		14.0 - 15.0	14.5		9.4	
8	W		15.1 - 16.4	15.5		10.4	
9	Y		16.0 - 17.6	16.5		11.4	
10	W		17.0 - 18.9	17.6		12.5	
11	R	9:36	18.4 - 20.3	19.0	5.1	13.9	
12	Y		19.4 - 21.2	20.0		14.9	
13	W		20.3 - 23.0	21.2	5.2	16.0	
14	Y		22.0 - 23.5	22.5		17.3	
15	W		23.0 - 24.8	23.6		18.4	
16	R	9:49	23.5 - 26.2	24.4	5.3	19.1	
17	Y		24.8 - 26.5	25.4		20.1	
18	W		25.9 - 27.6	26.5		21.2	
19	Y		27.2 - 29.0	27.8		22.5	
20	W		28.9 - 30.7	29.5		24.2	
21	R	10:04	29.7 - 31.2	30.2	5.4	24.8	End of line

Boat 124+00(N)

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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. 1237 Pg. 60
Job No. 8412 Division No. 1
Survey of Beach Erosion
Survey by Kanack Notes GOH 10/15
Index Date
Notes Red NB Date 11-8-46 Plotted HLMH Date 12-2-46 No.
Notes Chkd. Pour. Date 12-3-46 Checked Date No.
Profile X-Sec.

STATION #	Color	B.S. Time	Meas. Depth	F.S. Botom	Elev. Ft. Tide	Adj. Depth	Remarks
1	R	10:16	29.7-31.1	30 2/2	5	24.7.	Range 126+00 (N).
2	Y		28.8-30.5	29 1/2		~~24.3~~ 23.9	Going in.
3	W		27.6-29.1	28 1/2		22.6.	
4	Y		26.2-28.0	26 8/2		21.3.	
5	W		25.0 26.9	25 6/2		20.1.	
6	R	10:31	23.9-25.4	24 4/2	5 6/2	18.8.	
7	Y		22.4-24.0	22 9/2		17.3.	
8	W		21.0-22.3	21 4/2		15.8.	
9	Y		20.0-21.3	20 4/2		14.8.	
10	W		18.4-20.0	18 9/2		13.3.	
11	R	10:40	17.1-18.7	17 6/2	5 7/2	11.9.	
12	Y		14.9-16.9	15 6/2		9.9.	
13	W		13.8-15.1	14 2/2		8.5.	
14	Y		12.5-13.7	12 9/2		7.2.	
15	W		11.0-12.7	11 6/2		5.9.	Boat. 126+00 (N)
16	R	10:45	9.5-11.3	10 1/2	5 7/2	4.4.	
17	Y		8.0-10.0	8 7/2		3.0.	
18	W		7.0-9.3	7 8/2		2.1.	
19	Y		6.0-8.5	6 8/2		1.1.	End of line
~~20~~	~~W~~						

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
					→ From pg. 16	
128+00(N)	109	2620		2511	Range Line ∡=90° F.S on N-4.	
			09	253	14' L - Brk. Tp. Bk	
T.P.	291	1853	1058	1562		
			30	155	30' L - Toe Bk - Edge Beach.	
			52	133	58' L - Beach.	
T.P.			1011	842	105' L - " "	

Shore
128+00 (N)

Profile incomplete
See L.A. City F.B. #20712

Profile No. ____ Notes Red. ____ Plotted H. U. M. H. Job No. 842 Division No. ____ F.B. 128 PG. 61
X-Sec. No. ____ Date ____ Date 1946. Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Howe & Notes Bwk. Date 9-5-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

F.B. 1287 PG. 62

Job No. 8412 Division No.____ Notes Red.____ Plotted H. U. M. H. Profile

Survey of Beach Erosion Date____ Date 1946. No.____

Survey by Klemeck Notes QWK. 9-5-'46 Notes Chkd.____ Checked____ X-Sec.

Indexed [illegible] Date____ Date____ Date____ No.____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

Shore
130+00 (N)

STATION	B. S.	H. I.	F. S.	ELEV.		
					→ From pg. 16	
130+00 (N)	053	2603		2550	Range Line ∡ = 90°	F.S. on N-4
			06	254	13'L - BRK - TOP BK	
T.P.	138	1575	1166	1437		
			18	140	31'L - Toe BK - Edge Beach	
			35	173	51'L - Beach	
T.P.			752	823	105'L - " "	

Profile incomplete
See L.A. City F.B. #20712

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
128+00 -N	N-3	1	R	1057	9010	Range Line ∡ = 90° F.S. on "N-3"
		2	Y		9005	Coming in
		3	W		9015	
		4	Y		8945	
		5	W		8955	
		6	R	1113	8950	
		7	Y		9015	
		8	W		8945	
		9	Y		9000	
		10	W		8955	
		11	R	1120	8945	
		12	Y		9000	
		13	W		9010	
		14	Y		9000	
		15	W		9000	
		16	R	1125	9010	
		17	Y		9005	
		18	W		9010	
		19	Y		9020	
		20	W		8950	

Range 128+00 (N)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 PG. 63
X-Sec. No. ____ Date ____ Date 1946. Survey of Beach Erosion
Notes Chkd ____ Checked ____ Survey by Meineck Notes GWK Date 10-15-46
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
130+00 -N	N-3	1	R	11 34	90 25	Range Line ∡=90° F.S. on "N-3" Going Out.
		2	Y		91 00	
		3	W		90 50	
		4	Y		90 25	
		5	W		90 25	
		6	R	11 42	90 55	
		7	Y		90 20	
		8	W		90 55	
		9	Y		90 10	
		10	W		90 40	
		11	R	11 51	90 00	
		12	Y		90 05	
		13	W		90 05	
		14	Y		89 50	
		15	W		90 05	
		16	R	12 03	90 00	
		17	Y		89 45	
		18	W		90 25	
		19	Y		89 45	
		20	W		89 55	
		21	R	12 20	89 40	

Range 130+00 (N)

F.B. 128 PG. 64
Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Fleming Notes SWK 10-15-46 Notes Chkd. Checked No.
Indexed A. D. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
[illegible] N	N-S	[illegible]	[illegible]	[illegible]	[illegible]7-50	RANGE 128+00 (N)
		[illegible]	[illegible]		120-20	
		[illegible]	[illegible]		122-05	
		[illegible]			125-15	
		[illegible]			127-20	
		[illegible]	[illegible]	11 12	13[illegible]-15	
		[illegible]			133-30	
		[illegible]	[illegible]		135-05	
		[illegible]			137-[illegible]	
		[illegible]			1[illegible]-50	
		[illegible]	[illegible]	11 20	142-[illegible]	
		[illegible]			145-00	
		[illegible]	[illegible]		[illegible]	
		14			149-25	
		15	[illegible]		151-00	
		[illegible]	[illegible]	11 24	153-15	
		[illegible]			154-25	
		[illegible]			156-05	
		[illegible]			158-30	
		20	W		160-[illegible]	END OF LINE.

Cut in 128+00 (N)

Profile
No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. ____ Date ____ Date 1946. Survey of BEACH EROSION
No. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes D.S. Date 10-15-[illegible]
Date ____ Date ____ Map No. ____ Indexed C. Johnson

F.B. 128 PG. 65

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
118+00 -N	N-2	1	R	11 34	16[illegible] 45	Range 130+00 (N)
		2	Y		160 [illegible]	
		3	W		15[illegible] 15	
		4	Y		157 10	
		5	W		15[illegible] 25	
		6	R	11 41	15[illegible] [illegible]	
		7	Y		15[illegible] 35	
		8	W		15[illegible] [illegible]	
		9	Y		15[illegible] 05	
		10	W		14[illegible] 25	
		11	R	11 50	140 10	
		12	Y		14[illegible] 05	
		13	W		1[illegible] 10	
		14	Y		1[illegible] [illegible]	
		15	W		13[illegible] 30	
		16	R	12 03	13[illegible] 25	
		17	Y		132 25	
		18	W		13[illegible] 30	
		19	Y		127 40	
		20	W		126 20	
		21	R	12 19	122 30	

Cut in 130+00 (N)

F.B. 1287 PG. 66

Job No. 8412 Division No. ____ Notes Red ____ Plotted H.U.M.H. 7946 No. ____ Profile

Survey of BEACH EROSION Date ____ Date ____ X-Sec.

Survey by KLEINECK Notes D.S. 10-15-46 Notes Chkd. ____ Checked ____ No. ____

Indexed A. C. Johnson Date ____ Date ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	10:56	29.9 - 31.6	30.5	5.7	24.8	Range 128+00 (N)
2	Y		28.5 - 30.2	29.1		23.4	Going in.
3	W		27.3 - 29.1	27.9		22.2	
4	Y		26.1 - 27.8	26.7		21.0	
5	W		25.0 - 26.8	25.6		19.9	
6	R	11:12	24.7 - 25.5	24.5	5.8	18.7	
7	Y		23.0 - 24.8	23.6		17.8	
8	W		22.0 - 23.6	22.5		16.7	
9	Y		21.0 - 23.0	21.7		15.9	
10	W		20.0 - 21.3	20.4		14.6	
11	R	11:20	18.1 - 20.3	18.8	5.8	13.0	
12	Y		16.4 - 18.6	17.1		11.3	
13	W		15.0 - 17.4	15.8		10.0	
14	Y		13.8 - 15.2	14.3		8.5	
15	W		12.0 - 14.0	12.7		6.9	
16	R	11:25	11.0 - 12.8	11.6	5.8	5.8	
17	Y		9.5 - 11.5	10.2		4.4	
18	W		8.5 - 10.2	9.1		3.3	
19	Y		7.0 - 9.0	7.7		1.9	
20	W		5.5 - 7.9	6.3		0.5	End of line

Boat.
128+00 (N)

Profile No. ____ Notes Red 7-2 Date 11-8-46 Plotted H.U.M.H. Date 12-2-46 Job No. 641-2 Division No. ____ Survey of Beach Erosion Survey by Kennedy Notes GOH Date 10/15/46 Notes Chkd. Rauh Checked ____ Date ____ Map No. ____ Indexed C. Johnson

X-Sec. No. ____ F.B. 128 PG. 67

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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. 128 PG. 68 | Job No. 5412 | Division No. | Notes Red. | Plotted U.M.H. | Profile No.
Survey of Beach Erosion | Date 11-12-46 | Date 1946 | X-Sec. No.
Survey by Klaneck | Notes Chkd. 22 W. | Checked | Notes Chkd.
Indexed G. Johnson | Date | Date 12-2-46 | Date

STATION #	Color	B. S. Time	Meas. Depth	F. S. Botom	Eff. Tide	Adj. Depth		Remarks
1	R	11:32	7.0-8.5	7 8/5	5.1	1.4	Range 130+00 (N) Going Out	
2	Y		8.0-9.6	8 3/		2.4		
3	W		9.0-10.5	9 8/5		3.4		
4	Y		10.0-11.7	10 6/		4.7		
5	W		11.7-12.8	12 1/		6.2		
6	R	11:41	13.2-15.0	13 8/	5.1	9.9		
7	Y		14.3-16.0	14 9/		9.0		
8	W		15.5-17.0	~~15 8~~ 16.0		~~7.4~~ 10.1		
9	Y		16.5-18.0	~~16 8~~ 17.0		~~10.4~~ 11.1		
10	W		17.5-18.8	17 8/		11.9		
11	R	11:50	18.5-19.6	18 9/	5.9	13.0		
12	Y		19.5-21.0	~~19 8~~ 20.0		~~13.9~~ 14.1		
13	W		20.7-22.0	21 1/		15.2		
14	Y		22.0-23.3	22 4/		16.5		
15	W		23.0-24.3	23 4/	5.9	17.5	Boat 130+00 (N)	
16	R	12:03	24.0-25.1	24 4/		18.5		
17	Y		25.0-26.3	25 4/		19.5		
18	W		26.0-27.8	26 6/		20.7		
19	Y		27.0-28.0	27 3/		21.4		
20	W		28.0-29.2	28 4/		22.5		
21	R	12:20	29.6-31.0	30 1/	5.8	24.3	End of line	

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
132+00(N)	178	2733		2555	→ From pg. 16 Range Line ∡ = 90° F.S. on N-4	
			19	254	13'L - Brk. - Tp. Bk.	
TP	222	1869	1086	1647		
			109	178	27'L - Toe Bk - Edge Beach	
			55	132	61'L - Beach	
TP			1008	861	100'L - "	

Shore
132+00(N)
Profile incomplete
See L.A. City F.B. #20712

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 PG. 69
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Klemack Notes Gulk Date 9-5-46
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

F.B. 1287 PG. 70

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date _____ Date 1946 No. _____

Survey by Klemeck Notes GWK 9-5-46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed A. O. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.	
134+00(N)	115	2686		2571	From pg. 16 Rand Line ∡=90° F.S. on N-4
TP	306	1833	11	258	1'L - BK - Top BK
			1159	1527	
			31	152	33'L - Toe BK - Edge Beach.
			47	136	51'L - Beach
TP			1009	824	105'L - "

Shore
134+00(N)

Profile incomplete
See L.A. City F.B. #20712

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
132+00 -N	N-3	1	R	721	9000	Range Line ∡ = 90° F.S. on N-3
		2	Y		8945	
		3	W		9005	
		4	Y		9005	
		5	W		9015	
		6	R	805	8955	
		7	Y		9025	
		8	W		9015	
		9	Y		9005	
		10	W		9000	
		11	R	827	8950	
		12	Y		9005	
		13	W		8945	
		14	Y		9000	
		15	W		9010	
		16	R	834	9000	
		17	Y		8955	
		18	W		9025	
		19	Y		9020	
		20	W		9035	End.

Range 132+00 (N)

Profile No. ____ Date ____ Notes Red. ____ Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by Kleinert Notes Cowk Date 10-17-46 Map No. ____ Indexed C. Johnson Date ____

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

F.B. 1287 PG. 71

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
134+00	N-3	1	R	847	90 00	Range Line ∠ = 90° F.S. on "N-3"
-N		2	Y		90 00	
		3	W		90 30	
		4	Y		91 05	
		5	W		91 00	
		6	R	853	89 30	
		7	Y		89 35	
		8	W		90 25	
		9	Y		89 35	
		10	W		90 25	
		11	R	901	90 15	
		12	Y		90 20	
		13	W		89 50	
		14	Y		90 40	
		15	W		90 [illegible]	
		16	R	914	90 05	
		17	Y		90 05	
		18	W		90 05	
		19	Y		89 50	
		20	W		90 05	End.

Range 134+00 (N)

F.B. 1287 PG. 72 Job No. 842 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Hemet Notes GWK 10-17-46 Notes Chkd. Checked No.
Indexed D. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
136+00	N-S			7 19	106-50	RANGE 132+00 (N)
					107-[illegible]	
					109-10	
					109-50	
					111-30	
				8 04	112-45	
					115-10	
					116-40	
					1[illegible]-15	
					120-50	
				8 25	123-15	
					126-25	
					128-20	
					130-05	
					132-15	
			R	8 32	134-00	
					136-20	
			W		138-15	
			Y		139-05	
		20	W		141-25	END OF LINE.

Cut in 132+00 (N)

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 Pg. 73
X-Sec. No. ____ Date ____ Date 1946. Survey of BEACH ERROR
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes D.S. Date 10-17-46
Date ____ Date ____ Map No. ____ Indexed R. C. Johnson Date ____

FORM 307 5M 1-46

- PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
126+00 -N	[illegible]-3	1	R	2 45	15[illegible]-30	RANGE 134+00 (N)
		2	Y		147-50	
		3	W		145-10	
		4	Y		142-55	
		5	W		141-50	
		6	R	8 51	139-30	
		7	Y		13[illegible]-[illegible]0	
		8	W		13[illegible]-[illegible]	
		9	Y		131-30	
		10	W		128-[illegible]0	
		11	R	8 59	127-[illegible]	
		12	Y		124-30	
		13	W		122-55	
		14	Y		122-[illegible]5	
		15	W		119-[illegible]5	
		16	R	9 [illegible]3	117-[illegible]	
		17	Y		115-15	
		18	W		114-[illegible]5	
		19	Y		111-40	
		20	W		110-[illegible]0	END OF LINE.

Cut in 134+00 (N)

F.B. 1287 PG. 74

Job No. 8412 Division No. Notes Red Date Plotted 1946 Profile No. X-Sec.

Survey of BEACH [illegible] Notes D.S. 10-17-46 Notes Chkd Date Checked Date No.

Survey by KLEINER Date

Indexed A. O. Johnson Date

H. U. M. H.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	7:23	28.8 - 30.5	29½	3.5	25.9	Range 132+00 (N)
2	Y		27.6 - 29.1	28½		24.6	Going in
3	W		26.5 - 27.5	26⅞		23.3	
4	Y		25.5 - 27.4	26½		22.6	
5	W		24.4 - 25.4	24⅞		21.2	
6	R	8:06	23.2 - 24.8	23⅞	3.5	20.2	
7	Y		22.2 - 23.5	22⅞		19.1	
8	W		21.2 - 23.2	21⅞		18.4	
9	Y		20.2 - 22.0	20⅞		17.3	
10	W		19.2 - 21.1	19⅞		16.3	
11	R	8:29	18.2 - 19.9	18⅞	3.5	15.3	
12	Y		17.2 - 18.2	17⅝		14.0	
13	W		15.8 - 17.1	16½		12.7	
14	Y		14.8 - 16.8	15⅝		12.0	
15	W		13.8 - 14.8	14½		10.6	
16	R	8:34	12.7 - 13.8	13½	3.5	9.6	
17	Y		11.5 - 13.2	12½		8.6	
18	W		10.2 - 11.4	10⅝		7.1	
19	Y		9.2 - 10.8	9½		6.2	
20	W		8.0 - 10.1	8½		5.2	End of line

Boat.
132+00 (N)

Profile No. ____ Notes Red HK Date 11-12-46 Plotted Date 10/11/46 Job No. 8417 Division No. ____ F.B. 12 Pg. 75
X-Sec. No. ____ Notes Chkd. RWC Date 12-2-46 Checked Date ____ Survey of H.U.M.H. Beach Erosion Survey by Reinec & Notes G.O.H. Map No. ____ Indexed by C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Botom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	8:47	7.0 - 9.0	7 7	3 5	4.2	Range 134+00 (N)
2	Y		8.7 - 10.2	9 2		5.7	Going Out
3	W		10.2 - 11.8	10 7		7.2	
4	Y		12.0 - 13.8	12 6		9.1	
5	W		13.2 - 14.2	13 5		10.0	
6	R	8:52	14.1 - 15.0	14 4	3 5	10.9	
7	Y		15.0 - 16.1	15 4		11.9	
8	W		16.8 - 17.0	16 9		13.4	
9	Y		18.0 - 19.0	18 3		14.8	
10	W		19.5 - 20.5	19 8		16.3	
11	R	9:01	20.5 - 21.5	20 8	3 5	17.3	
12	Y		20.5 - 23.0	21 3		17.8	
13	W		21.8 - 23.2	22 3		18.8	Boat 134+00 (N)
14	Y		22.8 - 24.1	23 2		19.7	
15	W		23.8 - 25.0	24 2		20.7	
16	R	9:15	25.2 - 26.1	25 5	3 6	21.9	
17	Y		26.4 - 27.8	26 9		23.3	
18	W		27.7 - 28.7	28 0		24.4	
19	Y		28.9 - 29.9	29 2		25.6	
20	W		30.0 - 32.0	30 7		27.1	End of line

F.B. 1287 PG. 76 Job No. 8412 Division No. Notes Red. [illegible] Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 11-12-46 Date 1946 No. X-Sec.
Survey by Klameck Notes G.O.H. 10/17/46 Notes Chkd. LCW Checked No.
Indexed D. Johnson Date Date 12-2-46 Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
136+00 (N)	081	2658		2577	← From pg. 17 Range Line ∡ = 90° F.J. on N-4	
			06	260	12' L - Brk. - Tp. Bk.	
T.P.	312	1798	1177	1481		
			30	149	33' L - Toe Bk - Edge Beach	
			45	134	55' L - Beach.	
T.P.			990	803	115' L - "	

Shore
136+00 (N)
Profile incomplete
See L.A. City F.B. #20712

Profile Notes Red ____ Plotted H.U.M.H. Job No. 5412 Division No. ____ F.B. 1287 Pg. 77
No. ____ Date ____ Date 19 46 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Meneck Notes Gwk Date 9-5-46
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Job Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
138+00 (N)	098	2627		2529	→ From pg. 17 Range Line ∡ = 90°	F.S. on N-4.
			07	256	13' L - Brk - Tp. Bk.	
T.P.	281	1741	1167	1460		
			28	14[illegible]	31' L - Toe Bk - Edge Beach	
			49	1[illegible]5	68' L - Beach	
T.P.			915	8[illegible]6	110' L - "	

Shore
138+00 (N)

Profile incomplete
See L.A. City F.B. #20712

F.B. 1287 PG. 78
Job No. 8412 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Date 1946 No. ____ Profile
Survey of Beach Erosion Date ____ Date ____ X-Sec.
Survey by Meineck Notes Chkd. 9-5-46 Checked ____ Date ____ No. ____
Indexed ____ Date ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
136+00 -N	N-3	1	R	940	8950	Range Line ∡ = 90° F.S. on "N-3"
		2	Y		8945	
		3	W		8950	
		4	Y		9020	
		5	W		8940	
		6	R	952	8955	
		7	Y		8955	
		8	W		9005	
		9	Y		8945	
		10	W		8935	
		11	R	959	9010	
		12	Y		9020	
		13	W		9015	
		14	Y		9000	
		15	W		9000	
		16	R	1003	9000	
		17	Y		9015	
		18	W		9030	
		19	Y		9035	End

Range 136+00 (N)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 PG. 79
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Kleinert Notes GWK Date 10-17-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight Cn	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
138+00 -N	N-3	1	R	1012	90 00	Range Line ∡=90° F.S. on "N-3"
		2	Y		90 05	
		3	W		90 15	
		4	Y		89 25	
		5	W		90 15	
		6	R	1018	90 20	
		7	Y		90 20	
		8	W		90 40	
		9	Y		90 25	
		10	W		89 45	
		11	R	1020	90 05	
		12	Y		90 35	
		13	W		90 10	
		14	Y		89 25	
		15	W		90 15	
		16	R	1045	90 00	
		17	Y		89 55	
		18	W		90 00	
		19	Y		89 45	
		20	W		90 10	
		21	R	1115	89 50	

Range 138+00 (N)

F.B. 1287 PG. 80
Job No. 8417 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 1946 No.
Survey by Meineck Notes GWK 10-17-46 Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	B. S. Sight On	H. I. #	Color	F. S.	ELEV. Time	Hor. Ang.	Remarks
126+00 -N	N-3	1	R	9 39	117-50	RANGE 136+00 (N)	
		2	Y		118-40		
		3	W		121-25		
		4	Y		123-55		
		5	W		125-40		
		6	R	9 50	127-40		
		7	Y		130-55		
		8	W		133-05		
		9	Y		135-30		
		10	W		137-50		
		11	R	9 58	141-05		
		12	Y		143-05		
		13	W		145-25		
		14	Y		146-40		
		15	W		148-20		
		16	R	10 02	150-35		
		17	Y		151-40		
		18	W		153-20		
		19	Y		155-55	END OF LINE.	

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 2412 Division No. ____ F.B. 1287 PG. 81

X-Sec. No. ____ Date ____ Date 1946 Survey of BERCH [illegible]

Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 12-17-46

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

Cut in 136+00 (N)

FORM 307 5M 1-46

-PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight Cm	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
126+00 -N	[illegible]	1	[illegible]	10 10	[illegible]	CANSE 138+00 (N)
		2	[illegible]		157-20	
		3	W		157-25	
		4	Y		15[illegible]	
		5	W		15[illegible]-00	
		6	R	10 16	15[illegible]	
		7	[illegible]		15[illegible]	
		8	[illegible]		14[illegible]-25	
		9	[illegible]		14[illegible] 40	
		10	W		14[illegible]	
		11	[illegible]	10 [illegible]	14[illegible]	
		12	[illegible]		14[illegible]	
		13	[illegible]		13[illegible]	
		14	[illegible]		13[illegible]	
		15	W		135-[illegible]	
		16	R	10 45	13[illegible]	
		17	[illegible]		131-30	
		18	W		129-35	
		19	[illegible]		126-30	
		20	W		124-25	
		21	R	11:15	122+00	END OF LINE

Cut in 138+00 (N)

F.B. 1289 PG. 82

Job No. 8412 Division No. ____ Notes Red. ____ Date ____ Plotted H.U.M.H. Date 1946 Profile ____ No. ____ X-Sec. ____

Survey of BEACH EROSION Notes D.S. 10-17-46 Notes Chkd. ____ Checked ____ Date ____ No. ____

Survey by KLEINECK Date ____ Date ____ Date ____

Indexed C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ Notes Red BKZ Date 11-12-46 Plotted H.U.M.H. Date 12-2-46 Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by Klenbach Notes 40 Pg. Date 10/17/46 F.B. 12 Pg. 83
X-Sec. No. ____ Notes Chkd. Lowe Date 12-2-46 Checked Map No. ____ Index A. C. Jones Date ____

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Tide	Adj. Depth	Remarks
1	R	9:40	29.0 - 30.2	29.4	3.6	25.8.	Range 136+00 (N)
2	Y		27.5 29.0	28.0		24.4.	Going in
3	W		26.5 - 27.7	26.9		23.3.	
4	Y		25.4 - 27.0	25.9		22.3.	
5	W		24.2 26.2	24.9		21.3.	
6	R	9:51	23.1 - 25.0	23.7	3.6.	20.1.	
7	Y		22.0 - 23.2	22.4		18.8.	
8	W		21.0 - 22.2	21.4		17.8.	
9	Y		19.3 - 21.4	20.0		16.4.	
10	W		18.0 - 20.0	18.2		15.1.	
11	R	10.00	17.0 - 18.8	17.6	3.7	13.9.	
12	Y		16.0 - 18.0	16.2		13.0.	
13	W		14.8 - 16.2	15.3		11.6.	
14	Y		13.5 - 15.1	14.0		10.3.	
15	W		12.3 - 14.2	12.9		9.2.	
16	R	10:04	11.2 - 12.6	11.7	3.7.	8.0.	
17	Y		10.2 - 11.4	10.6		6.9.	
18	W		8.8 - 10.0	9.2		5.5.	
19	Y		6.3 - 9.2	7.6		3.9.	End of line
~~20~~	~~W~~						

Boat.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	Meas. Depth	F. S. Botom	Ht. Tide	Adj. Depth	Remarks
1	R	10:12	5.5-6.8	5.9	3.6	2.2	Range 138+00 (N)
2	Y		6.5-8.0	7.0		3.3	Going Out
3	W		7.6-9.8	8.3		4.6	
4	Y		9.5-10.6	9.9		6.2	
5	W		10.8-12.1	11.2		7.5	
6	R	10:19	12.1-13.0	12.4	3.7	8.7	
7	Y		13.9-15.1	14.3		10.6	
8	W		15.0-16.0	15.3		11.6	
9	Y		16.0-17.0	16.3		12.6	
10	W		17.0-18.2	17.4		13.7	
11	R	10:30	18.0-19.1	18.4	3.7	14.7	
12	Y		19.0-20.0	19.3		15.6	
13	W		20.2-21.2	20.5		16.8	
14	Y		21.0-22.1	21.4		17.7	
15	W		22.0-23.5	22.5		18.8	
16	R	10:45	23.0-24.2	23.4	3.8	19.6	
17	Y		24.0-25.0	24.3		20.5	
18	W		25.0-26.0	25.3	3.9	21.4	
19	Y		26.0-27.6	26.5		22.6	
20	W		27.5-28.7	27.9		24.0	
21	R	11:16	29.0-30.6	29.5	4.0	25.5	End of line

Boat 138+00 (N)

F.B. 1287 PG. 84 Job No. 8412 Division No. Notes Red. Date 11-12-46 Plotted H.J.M.H. Date Checked No. Profile
Survey of Beach Erosion Notes G.O.H. 10/17/46 Notes Chkd. Date 12-2-46 Checked No. X-Sec.
Survey by Klamack Date
Indexed

Profile No. _____ Notes Red. _____ Plotted H.U.M.H. Job No. 8412 Division No. _____ F.B. 1287 PG. 85

Date _____ Date 1946 Survey of Beach Erosion

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by Kleineck Notes GWK Date 9-5-'46

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

Shore
140+00 (N)
Profile incomplete
See L.A. City F.B. #20712

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.	
140+00 (N)	079	2635		2556	From pg. 17. Range Line ∡ = 90° F.S. on N-4
			09	255	13' L - Brk - Tp. Bk.
TP	342	1847	1130	1505	32' L - Toe Bk - Edge Beach
			34	151	
			47	138	53' L - Beach
			83	102	84' L - "
TP			1053	794	115' L - "

FORM 307 5M 1-46

F.B. 1287 PG. 86

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H. U. M. H. Profile

Survey of Beach Erosion Date _____ Date 1946. No. _____

Survey by Kleinert Notes GWK 9-5-'46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed K. O. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
142+00 (N)	096	2617		2521	From pg. 17. Range Line ∡ ⊥ 90° F.S. on N-4	
			16	246	13'L. Brk-Tp. Bk	
TP.	350	1933	1034	1573		
			35	159	30'L - Toe Bk - Edge Beach.	
			58	135	55'L - Beach.	
			92	101	82'L - " "	
TP			1123	810	105'L - " "	

Shore
142+00 (N)

Profile incomplete
See L.A. City F.B. # 20712

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
140+00 -N	N-3	1	R	1129	8945	Range Line ∡ = 90° F.S. on "N-3"
		2	Y		9005	
		3	W		9010	
		4	Y		8935	
		5	W		9010	
		6	R	1139	9000	
		7	Y		9005	
		8	W		9015	
		9	Y		9020	
		10	W		8945	
		11	R	1148	8910	
		12	Y		8935	
		13	W		9015	
		14	Y		8955	
		15	W		8920	
		16	R	1151	8925	
		17	Y		8925	
		18	W		8920	
		19	Y		8950	

Range 140+00 (N)

Profile No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8442 Division No. ____ F.B. 1287 PG. 87
X-Sec. No. ____ Date ____ Notes Chkd ____ Checked ____ Date 1946 Survey of Beach Erosion
Survey by Mlemen Notes GWK Date 10-17-46
Map No. ____ Indexed A. C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
142+00 -N	N-3	1	R	727	9005	Range Line ∡ = 90° F.S. on "N-3"
		2	Y		8950	Coming In.
		3	W		9000	
		4	Y		9015	
		5	W		8955	
		6	R	750	8940	
		7	Y		8955	
		8	W		8945	
		9	Y		9035	
		10	W		9015	
		11	R	759	9020	
		12	Y		9000	
		13	W		9010	
		14	Y		9025	
		15	W		9030	
		16	R	806	9025	
		17	Y		9015	
		18	W		9020	
		19	Y		9035	
		20	W		9030	End

Range 142+00(N)

F.B. 128 PG. 88 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Meinecke Notes GWK 10-18-46 Notes Chkd. Checked No.
Indexed Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
132+00	N-3	1	R	11 28	112-40	RANGE 140+00 (N)
-V		2	Y		113-50	
		3	W		115-40	
		4	Y		117-50	
		[illegible]	W		120-05	
		[illegible]	R	11 37	121-35	
		[illegible]	[illegible]		124-00	
		[illegible]	W		126-40	
		[illegible]	Y		128-40	
		[illegible]	W		131-50	
		[illegible]	R	11 46	134-20	
		[illegible]	[illegible]		136-20	
		[illegible]	[illegible]		139-25	
		[illegible]	[illegible]		141-50	
		[illegible]	W		144-35	
		[illegible]	R	11 50	146-00	
					147-15	
		[illegible]	W		148-50	
		19	[illegible]		151-40	END OF LINE.

Cut in 140+00 (N)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 PG. 89
No. ____ Date ____ Date 1946 Survey of BEACH EROSION
X-Sec. Notes Chkd. ____ Checked ____ Survey by KLEINECK Notes D.S. Date 10-17-46
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
134+00 -N	1-3	1	R	7 27	112-[illegible]	RANGE 142+00 (N)
		2	Y		113-[illegible]	
		3	W		116-[illegible]	
		4	Y		117-[illegible]	
		5	W		120-[illegible]	
		6	R	7 [illegible]	121-[illegible]	
		7	Y		123-[illegible]	
		8	W		12[illegible]	
		9	Y		127-[illegible]	
		10	W		13[illegible]	
		11	R	8 00	134-[illegible]	
		12	Y		136-[illegible]	
		13	W		139-[illegible]	
		14	Y		141-[illegible]	
		15	[illegible]		143-[illegible]	
		16	R	8 06	145-[illegible]	
		17	[illegible]		146-[illegible]	
		18	W		147-[illegible]	
					150-[illegible]	
		19	[illegible]		150-[illegible]	END OF LINE.

Cut in 142+00 (N)

F.B. 1287 PG. 90 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of BEACH EROSION Date 1946 No.
Survey by KLEINECK Notes D.S. 10-18-46 Notes Chkd. Checked X-Sec.
Indexed A. O. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ Notes Rod 11-1-46 Date ____ Plotted H.U.M.H. Date 1946 Job No. 8417 Division No. ____
X-Sec. No. ____ Notes Chkd. Date 12-2-46 Checked ____ Date ____ Survey of Beach Erosion Survey by Kleinecke Notes G.O. H Date 10/17/46 Map No. ____ Indexed ____ Date ____ Notes C. Johnson

F.B. 128 Pg. 91

STATION #	Color	Time	B.S. Meas. Depth	H.I. Bottom	F.S.	ELEV. Tide	Adj. Depth	Remarks
1	R	11:30	29.0 - 30.0	29 3/4		4.1	25.2	Range 140+00 (N)
2	Y		28.0 - 29.6	28 5/4			24.4	Going in.
3	W		27.0 - 28.8	27 6/4			23.5	
4	Y		26.0 - 27.7	26 6/4			22.5	
5	W		24.5 - 26.5	25 3/4			21.1	
6	R	11:40	23.6 - 25.2	24 1/4		4.2	19.9	
7	Y		22.3 - 24.0	22 9/4			18.7	
8	W		21.0 - 22.7	21 6/4			17.4	
9	Y		19.8 - 21.8	20 5/4			16.3	
10	W		18.5 - 20.2	19 1/4			14.9	
11	R	11:47	17.5 - 19.5	18 2/4		4.2	14.0	
12	Y		16.5 - 17.4	16 8/4			12.6	
13	W		15.0 - 17.5	15 8/4			11.6	
14	Y		13.8 - 15.3	14 3/4			10.1	
15	W		12.0 - 14.0	12 7/4			8.5	
16	R	11:51	11.0 - 13.0	11 7/4		4.2	7.5	
17	Y		10.0 - 11.2	10 4/4			6.2	
18	W		8.8 - 10.1	9 2/4			5.0	
19	Y		6.4 - 9.0	7 3/4			3.1	End of line
~~20~~								

Boat. 140+00 (N)

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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./128 PG. 92 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile No.
Survey of Bam Exposure Notes Date 11-12-46 Date 12-16-46 X-Sec. No.
Survey by Klemmer Notes Chkd. Lour Checked
Indexed A. C. Johnson Date 10/18/46 Date 12-2-46 Date

STATION #	Color	B. S. Time	Meas. Depth	F. S. Botom	Ht. Tide	Adj. Depth	Remarks
1	R	7.26	28.7-30.8	29.4	3.[illegible]	25.6	Range 142+00 (N)
2	Y		27.8-29.8	28.5		24.7	Going in
3	W		26.8-28.2	27.3		23.5	
4	Y		25.7-27.0	26.1		22.3	
5	W		24.3-25.8	24.8		21.0	
6	R	7.49	23.2-24.2	23.5	3.[illegible]	19.8	
7	Y		21.6-23.9	22.4		18.7	
8	W		20.5-22.0	21.0		17.3	
9	Y		19.2-20.6	19.7		16.0	
10	W		18.0-19.6	18.5		14.8	
11	R	7.59	16.5-18.0	17.0	3.[illegible]	13.4	
12	Y		15.4-17.0	15.9		12.3	
13	W		14.4-16.0	14.9		11.3	
14	Y		13.4-15.0	13.9		10.3	
15	W		12.0-13.2	12.4		8.8	
16	R	8.06	10.8-11.9	11.2	3.[illegible]	7.6	Boat 142+00 (N)
17	Y		9.3-11.0	9.9		6.3	
18	W		9.0-10.7	9.6		6.0	
19	Y		7.5-8.6	7.9		4.3	
20	W		6.5-8.6	7.2		3.6	End of line

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	~~Adj. Depth~~	Remarks
144+00 -N.		106	2560		2454	→ From pg. 17. Range Line ∡ = 90°	F.S. on N-4
				12	244	14' L	- Brk - Tp. BK
	T.P.	020	1635	845	1615		
				22	142	30' L	- Toe BK - Edge Beach
				42	122	50' L	- Beach
				65	99	70' L	- "
	T.P.			858	777	90' L	- "

Shore
144+00 (N)
Profile incomplete
See L.A. City F.B. #20712

Profile No. ____ Notes Red. ____ Date ____ Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by Klemeck Notes GWK Date 9-5-46 Map No. ____ Indexed by C. Johnson

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

F.B. 1287 PG. 93

F.B. 128 PG. 94 | Job No. 8412 | Division No. | Notes Red. | Plotted H.U.M.H. | Profile

Survey of Beach Erosion | Date | Date 1946. | No.

Survey by Kleineck | Notes Twk. 9-5-'46 | Notes Chkd. | Checked | X-Sec.

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

Shore
146+00 (N)

STATION	B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
146+00 (N)	085	2476		2391	From Pg. 17 Range Line ∡=90°		FS
TP	270	1658	09	2[illegible]	18'L - Bk. - Tp. Bk		
			1088	1288			
TP			27	1[illegible]	29'L - Toe Bk - Edge Beach		
			46	120	54'L - Beach		
			877	911	100'L - "		

Profile incomplete
See L.A. City F.B. #20712

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
14A+00 -N	N-3	1	R	816	9025	Range Line ∡ = 90° F.S. on "N-3"
		2	Y		9015	Going Out
		3	W		9000	
		4	Y		8950	
		5	W		8915	
		6	R	823	8925	
		7	Y		8920	
		8	W		9000	
		9	Y		9005	
		10	W		9000	
		11	R	831	9015	
		12	R	832	8940	
		13	W		9015	
		14	Y		8940	
		15	W		8945	
		16	R	843	8945	
		17	Y		8950	
		18	W		8935	End
		~~19~~				

Range 14+00 (W)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 PG. 95
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Kleinsack Notes GNK Date 10-18-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Job Rdgs

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
146+00 -N	N-3	1	R	854	8955	Range Line ∡ = 90° F.J. on N-3
		2	Y		9000	Coming In.
		3	W		8940	
		4	Y		9005	
		5	W		8945	
		6	R	908	9020	
		7	Y		9010	
		8	W		9015	
		9	Y		9015	
		10	W		9000	
		11	R	917	9000	
		12	Y		9020	
		13	W		8950	
		14	Y		9025	
		15	W		9000	
		16	R	921	9035	
		17	Y		9040	End.

Range 146+00 (N)

F.B. 1287 PG. 96
Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 1946 No.
Survey by Kleinert Notes GWK 10-18-46 Notes Chkd. Checked X-Sec.
Indexed S. Johns Date Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
[illegible]	N-3	1	P	8 16	155-50	RANGE [illegible]
		2			153-35	
		3	W		150-30	
		4	Y		148-45	
		5	W		147-15	
		6	R	8 23	144-[illegible]	
		7			142-10	
		8	W		139-05	
		9			137-20	
			W		133-55	
				8 31	131-55	
			R	8 32	129-30	
					127-20	
					124-15	
					122-10	
				8 43	120-10	
					119-00	
		8	W		117-55	END OF LINE.

Cut in 144+00 (N)

Profile No. ____ Notes Red ____ Plotted H. U. M. H. Job No. [illegible] Division No. ____ F.B. 1287 PG. 97
X-Sec. No. ____ Date ____ Date 1946 Survey of [illegible] Erosion
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes D.S. Date 10-18-46
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
134+00 -N	N-3	1	R	8 55	122-10	RANGE 146+00 (N)
		2	Y		12[illegible]-20	
		3	W		12[illegible]-35	
		4	Y		12[illegible]	
		5	W		131-[illegible]	
		6	R	9 08	134-20	
		7	Y		13[illegible]	
		8	W		14[illegible]-[illegible]	
		9	Y		143-[illegible]	
		10			14[illegible]	
		11	R	9 17	148-[illegible]	
		12	Y		[illegible]	
		13	W		15[illegible]	
		14	Y		15[illegible]-[illegible]	
		15	W		15[illegible]-[illegible]5	
		16	R	9 21	15[illegible]-10	
		17	Y		15[illegible]-[illegible]	END OF LINE.

Cut in 146+00 (N)

F.B. 178 PG. 98

Job No. 2412 Division No. Notes Red Plotted H.U.M.H. Profile

Survey of BEACH EROSION Date Date 1946 No. X-Sec.

Survey by PLEINECK Notes D.S. 10-17-46 Notes Chkd Checked

Indexed A. O. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	8:16	7.5 - 8.8	7.9	3.5	4.4	Range 144+00(N)
2	Y		9.0 - 11.0	9.7		6.2	Going Out
3	W		10.7 - 12.2	11.2		7.7	
4	Y		12.0 - 13.6	12.5		9.0	
5	W		13.0 - 15.0	13.7		10.2	
6	R	8:23	14.8 - 16.0	15.2	3.5	11.7	
7	Y		16.4 - 17.8	16.9		13.4	
8	W		17.8 - 19.2	18.3		14.8	
9	Y		18.8 - 20.2	19.3		15.8	
10	W		20.1 - 21.8	20.7		17.2	
11	R	8:30	21.1 - 23.6	21.9	3.4	18.5	
12	R		22.1 - 23.7	22.6		19.2	Raised Red-flag here
13	W		23.2 - 24.7	23.7		20.3	
14	Y		24.1 - 26.4	24.9		21.5	
15	W		25.1 - 27.2	25.8		22.4	
16	R	8:41	26.1 - 27.9	26.7	3.4	23.3	
17	Y		27.2 28.2	27.5		24.1	
18	W		27.8 - 29.8	28.5		25.1	End of line
~~19~~	~~Y~~						
20	~~W~~						

Boat 144+00(N)

Profile No. ____ Notes Red. [illegible] Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. 1287 Pg. 99
X-Sec. No. ____ Date 11-12-46 Date 19 46 Survey of Beach Erosion
Notes Chkd. [illegible] Checked ____ Survey by Kleinecke Notes G.O.4 Date 10/18/46
Date 12-8-46 Date ____ Map No. ____ Indexed [illegible] C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 1/29 Pg. 100 Job No. 5412 Division No. Notes Red Date 11-12-46 Plotted H.U.M.H. No. Profile
Survey of Beach Erosion Notes 40 H 10/18 Notes Chkd. Lewis Checked 1946 No. X-Sec.
Survey by Reinecke Date Date 12-2-46 Date
Indexed A. O. Johnson Date

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	8.54	27.8 29.7	28½	3.3	25.1	146+05 (N) RANGE
2	Y		26.8-28.5	27½		24.1	Going In.
3	W		25.5-27.4	26½		22.8	
4	Y		24.4-26.6	25½		21.8	
5	W		23.2-24.7	23½		20.4	
6	R	9.07	21.9-23.9	22½	3 ½	19.4	
7	Y		20.5-23.0	21½		18.1	
8	W		18.9-21.0	19½		16.4	
9	Y		17.9-19.4	18½		15.2	
10	W		16.8-18.2	17½		14.1	
11	R	9:16	15.5-17.8	16½	2 ½	13.1	
12	Y		14.5-16.8	15½		12.1	
13	W		13.5-15.0	14½		10.8	
14	Y		12.0-14.1	12½		9.5	Boat.
15	W		10.5-11.5	10.8		7.6	146+00 (N)
16	R	9:21	8.8-10.8	9½	2 ½	6.3	
17	Y		7.0-8.5	7½		4.3	End of line
~~18~~	~~W~~						
~~19~~	~~Y~~						
~~20~~	~~W~~						

F.B. 1287 PG. 101

Profile No.	Notes Red.	Plotted H. U. M. H.	Job No. 8412 Division No.
	Date	Date 1946.	Survey of Beach Erosion
X:Sec. No.	Notes Chkd.	Checked	Survey by Kleineck Notes GWK. Date 9-5-46
	Date	Date	Map No. Index A. O. John Date

Shore
148+00 (N)
Profile incomplete
See L.A. City F.B. #20712

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
148+00 (N) (Edge Beach)		245	1812		1567	From pg. 17 Range Line ∡ = 90°	F.S. on N-5
				52	129	33' L - Beach.	
	TP			792	820	85' L - "	

FORM 307 2M 8-45

F.B. 1287 PG. 102 | Job No. 8417 | Division No. | Notes Red. | Plotted H.U.M.H. | Profile
Survey of Beach Erosion | Date | Date 1946 | No.
Survey by Meineck | Notes GWK 9-5-'46 | Notes Chkd. | Checked | X-Sec.
Indexed A. O. Johnson | Date | Date | Date | No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

STATION	B. S.	H. I.	F. S.	ELEV.		
#	Color	Time	Meas. Depth	Bottom	Tide	Adj. Depth	Remarks
150+00 (N)							
	TP	190	1761	29	1571	From Pg. 17. Range Line Δ = 90°	F.S. on N-5
				61	147	20' L - Bet. ch.	
				866	115	46' L - "	
					5 ft	75' L - "	

Shore
150+00 (N)

Profile incomplete
See L.A. City F.B. #20712

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
148+00 -N	N-4	1	R	932	9000	Range Line ∡ = 90° F.S. on "N-4"
		2	Y		8940	Going Out
		3	W		9030	
		4	Y		9020	
		5	W		8955	
		6	C	936	9000	
		7	Y		9010	
		8	W		9005	
		9	Y		9025	
		10	W		9015	
		11	R	946	9020	
		12	Y		9015	
		13	W		9010	
		14	Y		9005	
		15	W		8940	
		16	R	959	8950	
		17	Y		8955	
		18	W		8945	
		19	Y		9015	End

Range 148+00 (N)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 Pg. 103
X-Sec. No. ____ Date ____ Date 1946 Survey of Bench Erosion
Notes Chkd. ____ Checked ____ Survey by Kleinert Notes G.W.K. Date 10-18-46
Date ____ Date ____ Map No. ____ Indexed A. C. Job Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
150+00 -N	N-4	1	R	1030	89 45	Range Line ∡ = 90° F.S. on "N-4"
		2	Y		90 00	Coming In.
		3	W		90 10	
		4	Y		90 05	
		5	W		90 10	
		6	R	1043	89 45	
		7	Y		90 10	
		8	W		89 40	
		9	Y		89 40	
		10	W		89 30	
		11	R	1050	90 00	
		12	Y		90 00	
		13	W		90 10	
		14	Y		90 25	
		15	W		90 00	
		16	R	1054	90 00	End.
		~~17~~				

Range 150+00 (N)

F.B. 1287 PG. 104
Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Meneck Notes GWK 10-18-46 Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
134+00 -11	N-3	1	R	9 32	162-15	RANGE 148+00 (N)
		2	Y		160-00	
		3	W		158-30	
		4	Y		157-40	
		5	W		156-50	
		[illegible]	R	9 36	155-40	
		[illegible]	Y		153-25	
		[illegible]	W		152-10	
		[illegible]	Y		[illegible]	
		[illegible]	W		147-50	
		[illegible]	R	9 46	145-10	
		[illegible]	Y		141-40	
		[illegible]	W		139-55	
		[illegible]	Y		137-40	
		[illegible]	W		134-40	
		[illegible]	R	9 59	133-20	
		[illegible]	Y		131-00	
		[illegible]	W		128-45	
		[illegible]	Y		126-55	END OF LINE.

Cut in 148+00 (N)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 2212 Division No. ____ F.B. 1287 Pg. 105
No. ____ Date ____ Date 1946 Survey of BEACH EROSION
X-Sec. Notes Chkd ____ Checked ____ Survey by KLEINECK Notes D.C. Date 10-18-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Tongue

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
142+00 -N	N-3	1	[illegible]	10 30	112-50	RANGE 150+00 (N)
		2	Y		115-00	
		3	[illegible]		117-00	
		4	Y		118-45	
		5	[illegible]		12[illegible]	
		6	R	10 43	125-50	
		7	Y		128-40	
		8	[illegible]		131-50	
		9	Y		135-05	
		10	[illegible]		137-55	
		11	R	10 51	142-10	
		12	Y		143-25	
		13	[illegible]		145-35	
		14	Y		147-20	
		15	[illegible]		148-25	
		16	[illegible]	10 54	150-[illegible]	END OF LINE

Cut in 150+00 (N)

F.B. 1287 PG. 106

Job No. 8412 Division No. ____ Notes Red. ____ Plotted H.U.M.H. 1940 No. ____ Profile

Survey of BLACK BRANCH Date ____ Date ____ X-Sec.

Survey by [illegible] Notes [illegible] 10-18-46 Notes Chkd. ____ Checked ____ No. ____

Indexed A. C. Johnson Date ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	9:31	6.8 - 7.8	7 1	3 2	3.9	148+00 Range Out
2	Y		8.7 - 10.5	9 3		6.1	Going Out.
3	W		10.0 - 11.3	10 4		7.2	
4	Y		11.2 - 13.0	11 8		8.6	
5	W		12.3 - 13.5	12 7		9.5	
6	R	9:35	13.3 - 14.5	13 7	3 1	10.6	
7	Y		14.5 - 16.1	15 0		11.9	
8	W		15.5 - 16.9	16 0		12.9	
9	Y		16.5 - 18.1	17 0		13.9	
10	W		17.8 - 19.5	18 4		15.3	
11	R	9:45	19.5 - 21.0	20 0	3 1	16.9	
12	Y		20.6 - 21.7	21 0		17.9	
13	W		21.8 - 23.6	22 4		19.3	
14	Y		22.6 - 24.4	23 2		20.1	
15	W		23.6 - 25.	24 1		21.0	
16	R	9:58	24.5 - 26.0	25 0	3 1	21.9	
17	Y		25.7 - 26.9	26 1		23.0	
18	W		26.3 - 27.8	26 8		23.7	
19	Y		27.5 - 28.9	28 0		24.9	End of line

Boat. 148+00 (N)

Profile No. ____ Date 11-12-46 Notes Red. [illegible] Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by Kleinack Notes G.O.H. Date 10/18/46 Map No. ____ Indexed [illegible] Date ____

X-Sec. No. ____ Date 12-2-46 Notes Chkd. [illegible] Checked ____ Date ____

F.B. 1287 PG. 107

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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. 128 PG. 108 | Job No. 8412 Division No. | Notes Red. | Plotted H. U. M. H. | Profile No.
Survey of Beach Erosion | Date | Date 1946 | X-Sec. No.
Survey by Hamre | Notes C.O.H. 1918 | Notes Chkd. Lewis | Checked
Indexed C. Johnson | Date | Date 12-2-46 | Date

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	10:30	27.4 - 29.0	29	3	24.9	150+00 (N) Range
2	Y		26.3 28.0	26		23.9	Going in
3	W		25.1 - 27.0	25		22.7	
4	Y		24.0 25.5	24		21.5	
5	W		21.9 - 23.5	22		19.4	
6	R	10:41	25.5 - 27.0	26	3	23	These readings are evidently 5 ft. in error. HE
7	Y		24.5 - 26.0	25		22	
8	W		23.3 - 24.6	23		20 ~~17~~	
9	Y		21.9 - 23.6	22		19 ~~15~~	
10	W		15.5 - 17.0	16		13	
11	R	10:49	13.5 - 15.5	14	3	11 ~~12~~	Boat. 150+00 (N)
12	Y		11.6 - 14.0	12		9 ~~4~~	
13	W		10.0 - 12.0	10		7	
14	Y		9.0 - 10.3	9		6	
15	W		7.9 - 9.9	8		5	
16	R	10:52	6.5 - 8.0	7	3	4	End of line
~~17~~	~~Y~~						
~~18~~	~~W~~						
~~19~~	~~Y~~						
~~20~~	~~W~~						

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
152+00 -N	"N-6"	1	R	1100	9000	Range Line ∡ = 90° F.S. on "N-6" Going Out
		2	Y		9020	
		3	W		9000	
		4	Y		9015	
		5	W		9000	
		6	R	1109	9005	
		7	Y		8950	
		8	W		8955	
		9	Y		8940	
		10	W		8940	
		11	R	1120	8945	
		12	Y		9015	
		13	W		9035	
		14	Y		9000	
		15	W		9015	
		16	R	1139	9000	
		17	Y		8950	
		18	W		9015	
		19	Y		8955	
		20	W		9000	
		21	R	1208	9010	End.

Note:- For shore sections from 152+00(N) to 162+00(N) incl., see L.A. City F.B. # 20712

Range 152+00 (N.)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 Pg. 109
No. ____ Date ____ Date 19 46 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Kleinert Notes Gust Date 10-18-46
No. ____ Date ____ Date ____ Map No. ____ Indexed by C. Job Drawn

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
154+00 -N	N-6	1	R	915	90 35	Range Line ∡ = 90° F.S. on "N-6" coming in.
		2	Y		90 00	
		3	W		89 55	
		4	Y		90 05	
		5	W		90 00	
		6	R	926	89 55	
		7	Y		90 05	
		8	W		90 00	
		9	Y		89 55	
		10	W		89 50	
		11	R	934	89 40	
		12	Y		90 00	
		13	W		89 40	
		14	Y		89 35	
		15	W		89 45	
		16	R	938	90 25	
		17	Y		89 35	
		18	W		89 20	End

Range 154+00 (N)

F.B. 1287 PG. 110 Job No. 8412 Division No. Notes Red Date Plotted H.U.M.H. Date 1946 No. Profile
Survey of Beach Erosion Date X-Sec.
Survey by Kleinert Notes Gulk 10-21-46 Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
142+00 -N	N-3	1	R	11 00	155-15	RANGE 152+00 (N)
		2	Y		155-20	
		3	W		153-55	
		4	Y		153-15	
		5	W		151-50	
		6	R	11 09	150-20	
		7	Y		148-50	
		8	W		146-40	
		9	Y		144-40	
		10	W		142-40	
		11	R	11 20	141-25	
		12	Y		138-[illegible]	
		13	W		137-05	
		14	Y		134-00	
		15	W		131-25	
		16	R	11 39	129-10	
		17	Y		126-40	
		18	W		125-05	
		19	Y		122-45	
		20	W		121-15	
		21	R	12 08	117-50	END OF LINE.

Cut in 152+00 (N)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 PG. 111
No. ____ Date ____ Date 1946 Survey of BEACH FRAZIER
X-Sec. Notes Chkd. ____ Checked ____ Survey by KLEINECK Notes D.S. Date 10-12-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
146+00	N-3	1	R	9:14	114-00	RANGE 154+00 (N)
-N		2	Y		114-10	
		3	W		115-40	
		4	Y		117-25	
		5	W		119-35	
		6	R	9:24	121-30	
		7	Y		124-20	
		8	W		127-15	
		9	Y		129-25	
		10	W		132-05	
		11	R	9:32	133-30	
		12	Y		135-50	
		13	W		139-10	
		14	Y		141-30	
		15	W		143-35	
		16	R	9:36	146-00	
		17	Y		147-20	
		18	W		148-35	End of line

Cut in 154+00 (N)

F.B. 128 PG. 112

Job No. 24 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of BEACH EROSION Date 1946 No.

Survey by KLEINECK Notes GDH. 10-21-46 Notes Chkd. Checked X-Sec.

Indexed C. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	11:00	5.6 - 7.5	6 2	3 1	3.1	Range 152+00 (N)
2	Y		6.6 - 7.8	7 0		3.9	Going Out.
3	W		7.0 - 8.8	7 6		4.5	
4	Y		8.8 - 9.8	9 1		6.0	
5	W		10.0 - 11.0	10 3		7.2	
6	R	11:09	11.0 - 12.2	11 4	3 1	8.3	
7	Y		12.1 - 13.8	12 7		9.6	
8	W		13.2 - 15.2	13 9		10.8	
9	Y		15.0 - 16.0	15 3		12.2	
10	W		16.0 - 17.3	16 4		13.3	
11	R	11:20	17.0 - 18.4	17 5	3 1	14.4	
12	Y		18.0 - 19.5	18 5		15.4	
13	W		19.0 - 20.1	19 4		16.3	
14	Y		20.0 - 21.4	20 5		17.4	
15	W		21.0 - 22.8	21 6		18.5	
16	R	11:37	22.0 - 23.1	22 4	3 1	19.3	
17	Y		23.0 - 24.4	23 5		20.4	
18	W		24.0 - 25.5	24 5		21.4	
19	Y		25.0 - 26.5	25 5		22.4	
20	W		26.0 - 27.8	26 6		23.5	
21	R	12:07	27.8 - 29.5	28 4		25.3	End of line

Boat.
152+00 (N)

Profile No. ____ Date 11-12-46 Notes Red. JFS Plotted H.U.M.H. Date 10/46 Job No. ____ Division No. ____ Survey of Beach Erosion Survey by Klamack Notes G.O.F. Date 10/18/46 F.B. 1287 PG. 113

X-Sec. No. ____ Date 12-2-46 Notes Chkd. LCW Checked ____ Date ____ Map No. ____ Indexed Dr. C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	9:15	[illegible]	29.0						1.2	24.8	Stage 154+00
2	V		[illegible]	28.5							24.3	Going [illegible]
3	W		[illegible]	26.8						1.1	22.7	
4	V		25.1-27.0	26.0	?						21.9?	
5	W		24.4-26.0	24.9							20.8	
6	R	9 26	23.3-25.1	23.9						1.0	19.9	
7	V		[illegible]	22.8							18.8	
8	W		21.0-22.8	21.6							17.6	
9	V		[illegible]	20.8							16.8	
10	W		19-20.8	19.6							15.6	
11	R	9 [illegible]	17.8-[illegible]	18.4						3.9	14.5	
12	Y		[illegible]	17.0							13.1	
13	W		[illegible]	16.0							12.1	
14	Y		13.6-15.2	14.1							10.2	
15	W		12.2-14.4	12.9							9.0	
16	R	9 [illegible]	10.6-12.0	11.1						3.8	7.3	
17	Y		[illegible]	9.8							6.0	
18	W		[illegible]	8.7							4.9	
~~19~~	~~Y~~											
~~20~~	~~W~~											

Boat 154+00(N)

F.B. 128 PG. 114

Job No. 8412 Division No. Notes Red. [illegible] Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 11-12-46 Date 1946 No. X-Sec.

Survey by Maineck Notes D.S. 10-21-46 Notes Chkd. [illegible] Checked No.

Indexed [illegible] Date Date 12-2-46 Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
156+00 -N	N-7	1	R	948	9035	Range Line ∡ = 90° F.S. on "N-7"
		2	Y		9025	Going Out
		3	W		9010	
		4	Y		9030	
		5	W		8950	
		6	R	952	8955	
		7	Y		9005	
		8	W		8940	
		9	Y		8940	
		10	W		8940	
		11	R	959	9000	
		12	Y		9010	
		13	W		8945	
		14	Y		8940	
		15	W		9005	
		16	R	1013	8955	
		17	Y		8955	
		18	W		9015	
		19	Y		9000	End.

Range 156+00 (N)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 PG. 115
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd ____ Checked ____ Survey by Hemeck Notes Bulk Date 10-21-46
No. ____ Date ____ Date ____ Map No. ____ Indexed by C. Johnson

F.B. 1287 PG. 116

Job No. 8412 Division No. ______ Notes Red. ______ Plotted H. U. M. H. Profile
Survey of Beach Erosion Date ______ Date 1946 No. ______
Survey by Kleineck Notes GWK 10-21-46 Notes Chkd ______ Checked ______ X-Sec.
Indexed C. Johnson Date ______ Date ______ Date ______ No. ______

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

Range
158+00(N)

Inst. At	Sight On	B.S. #	H.I. Color	F.S. Time	ELEV. Hor-Ang.	Remarks
158+00 -N	N-7	1	R	10.32	90 05	Range Line ∡ = 90° F.S. on "N-7" Coming in.
		2	Y		[illegible] 05	
		3	W		[illegible] 05	
		4	Y		90 05	
		5	W		90 10	
		6	R	10.44	81 50	
		7	Y		8[illegible] 05	
		8	W		[illegible]	
		9	Y		90 05	
		10	W		90 05	
		11	R	10.51	8[illegible] 05	
		12	Y		90 05	
		13	W		90 05	
		14	Y		90 00	
		15	W		90 05	
		16	R	10.55	90 05	
		17	Y		90 05	
		18	W		90 00	
		19	Y		90 05	End

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
146+00	N-3	1	R	9:46	154-00	Range 156+00 (N)
-N		2	Y		153-05	
		3	W		150-30	
		4	Y		148-45	
		5	W		146-00	
		6	R	9:51	145-05	
		7	Y		143-20	
		8	W		141-40	
		9	Y		139-25	
		10	W		136-00	
		11	R	9:57	133-10	
		12	Y		131-10	
		13	W		128-45	
		14	Y		126-45	
		15	W		124-40	
		16	R	10:12	119-15	
		17	Y		116-40	
		18	W		115-50	
		19	Y		113-55	End of line
		~~20~~ 21	~~W~~			

Cut in 156+00 (N)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8417 Division No. ____ F.B. 128 PG. 117
X-Sec. No. ____ Date ____ Date 19 46 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes G.O.H. Date 10/21/46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
146+00	N-3	1	R	10:31	119-10	Range 158+00 (N)
-N		2	Y		120-10	
		3	W		123-10	
		4	Y		124-15	
		5	W		127-50	
		6	R	10:42	130-25	
		7	Y		132-40	
		8	W		135-45	
		9	Y		138-00	
		10	W		140-15	
		11	R	10:50	142-40	
		12	Y		144-50	
		13	W		148-30	
		14	Y		149-40	
		15	W		150-50	
		16	R	10:55	152-30	
		17	Y		153-50	
		18	W		155-10	
		19	Y		156-00	End of line
		~~20~~	~~W~~			
		~~21~~	~~R~~			

Cut in 158+00 (N)

F.B. 1287 PG. 118

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. No. Profile

Survey of Beach Erosion Date 1946 X-Sec.

Survey by Kleineck Notes G.O.H. 10/21/46 Notes Chkd. Checked No.

Indexed C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	[illegible]	[illegible]	8 3	3 6	4.7	RANGE 156+00 (N)
2	[illegible]		[illegible]	8 8		5.2	GOING OUT
3	[illegible]		[illegible]	9 9		6.3	
4	[illegible]		[illegible]	11 7		8.1	
5	[illegible]		13.0-15.0	13 7		10.1	
6	R	[illegible]	[illegible]	14 5	3 5	11.0	
7	[illegible]		[illegible]	15 6		12.1	
8	[illegible]		16.0-17.1	16 4		12.9	
9	[illegible]		17.0-[illegible]	17 5		14.0	
10	[illegible]		[illegible]	18 5		15.0	
11	R	[illegible]	[illegible]	20 2	3 4	16.8	
12	[illegible]		[illegible]	20 8		17.4	
13	[illegible]		[illegible]	21 6	3 3	18.3	
14	[illegible]		22.0-24.0	22 7		19.4	
15	[illegible]		[illegible]	23 7		20.4	
16	R	10 13	[illegible]	25 1	3 2	21.9	
17	[illegible]		[illegible]	26 0		22.8	
18	[illegible]		[illegible]	27 1		23.9	
19	[illegible]		[illegible]	28 1		24.9	[illegible]

Boat 156+00 (N)

Profile No. ____ Notes Red [illegible] Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 PG. 119
Date 11-12-46 Date 1946 Survey of Beach Erosion
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Klemeck Notes D.S. Date 10-21-46
Date ____ Date ____ Map No. ____ Indexed ____ Date ____
C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
		10:34	27.4-28.8	27 9	2 2	25.1	Range 1[illegible] (N)
			26.2-28.3	26 9		24.1	Going in.
			25.1-26.6	25 6		22.8	
			24.-26	24 7		21.9	
			23-24.1	23 4		20.6	
		10:44	22-23.5	22 5	2 1	19.8	
			21-22.4	21 5		18.8	
			19.9-21.4	20 4		17.7	
			18.7-20.2	19 6		16.9	
			17.9-20.1	18 6		15.9	
		10:50	16.9-18.1	17 3	2 6	14.7	
			15.6-17.3	16 2		13.6	
			14.5-16.1	15 0		12.4	
			13.5-15.2	14 1		11.5	Boat 158+00 (N)
			12.3-15	13 3		10.7	
		10:52	11.2-13.2	11 9	2 5	9.4	
			9.8-11.8	10 5		8.0	
			8.4-10.2	9 0		6.5	
19	Y		7.5-9.2	8 ~~5~~ 1		~~6.0~~ 5.6	End of [illegible]

F.B. 1287 PG. 120

Job No. 8412 Division No. ____ Notes Red [illegible] Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 11-12-46 Date 1946 No. ____ X-Sec.

Survey by Meanack Notes DS 10-21-46 Notes Chkd [illegible] Checked ____ No. ____

Indexed A. O. Johnson Date ____ Date 11-20-46 Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
160+00 -N	N-7	1	R	1103	9035	Range Line ∡ = 90° F.S on "N-7" Going Out
		2	Y		9010	
		3	W		9025	
		4	Y		9010	
		5	W		9040	
		6	R	1108	9025	
		7	Y		9015	
		8	W		9010	End for 10-21-'46 (Lost Sounding Weight)
	Break	9	R	1058	9005	Beginning 10-23-'46
		10	Y		8950	
		11	W		9000	
		12	Y		9005	
		13	W		9015	
		14	R	1106	8940	
		15	Y		8950	
		16	W		8950	
		17	Y		8940	
		18	W		8940	
		19	R	1119	8955	
		20	Y		8955	End.

Range 160+00 (N)

Profile No. ____ Date ____ Notes Red. ____ Plotted H.U.M.H. Date 1946 Job No. 8417 Division No. ____ F.B. 128 Pg. 121

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ Survey of Beach Erosion Survey by Meinecke Notes Gulik Date 10-21-23-'46 Map No. ____ Indexed C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
162+00 -N	N-7	1	R	1132	89 55	Range Line ∠ = 90° F.S. on N-7
		2	Y		90 15	Coming in
		3	W		89 45	
		4	Y		90 05	
		5	W		89 40	
		6	R	1143	88 45	
		7	Y		90 10	
		8	W		90 05	
		9	Y		90 00	
		10	W		89 00	
		11	R	1150	90 15	
		12	Y		90 15	
		13	W		90 30	
		14	Y		90 00	
		15	W		90 30	
		16	R	1153	90 30	End.

Range 162+00 (N)

F.B. 1287 PG. 122 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Hemeck Notes Chkd. 10-23-46 Checked No.
Indexed C. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
146+00 -N	N-3	1	R	11:02	159-00	Range 160+00 (N)
		2	Y		157-20	
		3	W		155-40	
		4	Y		154-25	
		5	W		153-35	
		6	R	11:07	152-20	
		7	Y		150-25	
		8	W		148-45	End for 10-21-'46 Lost Sounding-weight here
152+00 -N	N-6	9	R	10:58	134-05	Beginning on 10-23-'46
		10	Y		131-45	
		11	W		128-55	
		12	Y		125-40	
		13	W		123-20	
		14	R	11:05	121-10	
		15	Y		118-45	
		16	W		117-15	
		17	Y		113-15	
		18	W		111-55	
		19	R	11:19	109-30	
		20	Y		108-20	End of line

Cut in 160+00 (N)

Profile No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Date 1946 Job No. 8417 Division No. ____ Survey of Beach Erosion Survey by Kleineck Notes G.O.H. Date 10-21-'46 F.B. 1289 PG. 123

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
152+00	N-6	1	R	11:31	112-55	Range 162+00 (N)
-N		2	Y		116-15	
		3	W		117-00	
		4	Y		119-30	
		5	W		122-05	
		6	R	11:41	123-55	
		7	Y		127-30	
		8	W		131-25	
		9	Y		134-00	
		10	W		135-50	
		11	R		139-05	
		12	Y	11:48	142-35	
		13	W		144-30	
		14	Y		146-00	
		15	W		147-35	
		16	R	11:52	150-25	
		~~17~~	Y			
		~~18~~	W			
		~~19~~	Y			
		~~20~~	W			

Cut in 162+00 (N)

F.B. 1287 PG. 124

Job No. 8412 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Date 1946 No. ____ Profile

Survey of Beach Erosion Date ____ Notes Chkd. ____ Checked ____ X-Sec.

Survey by Kleineck Notes G.O.H. 10/23/46 Date ____ Date ____ No. ____

Indexed ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Tide	Adj. Depth	Remarks
1	R	11 00	7.5-9.0	8 0	2 4	5.6	RANGE [illegible]
2	[illegible]		8.9-10.1	9 3		6.9	[illegible] OUT
3	[illegible]		10.7-12.7	11 0		8.6	
4	[illegible]		11.7-13.2	12 2		9.8	
5	[illegible]		12.7-15.0	13 5		11.1	
6	[illegible]	11 07	13.7-15.3	14 2	2 3	11.9	
7			14.7-16.5	15 3		13.0	
8			15.7-17.3	16 2		13.9	End for 10-21-46
9	R	10 56	16.4-18.0	16 9	3 4	13.5	Beginning 10-23-46
10	Y		17.4-19.8	17 9		14.5	
11	W		19.3-20.8	19 1	3.3	15.8	
12	Y		19.4-20.7	20 5		17.2	
13	W		20.4-22.1	21 0	3.2	17.8	
14	R	11 06	21.6-23.5	22 2	3 1	19.1	
15	Y		22.3-24.0	22 9		19.8	
16	W		23.3-25.3	24 1	3 0	21.1	
17	Y		24.0-27.1	25 0		22.0	
18	W		25.1-28.0	26 1	2 9	23.2	
19	R	11 20	26.5-28.0	27 0	2 8	24.2	
20			27.6-28.8	28 0		25.2	End of [illegible]

160+00 (N)

Boat

Profile Notes Red Pg. 125 Division No. F.B. 128 Pg. 125
No. Date 11/12/46 Plotted H.H.M.H. Job No. Fall 2
X-Sec. Date 1946 Checked Survey of Beach Erosion
No. Date 11-20-46 Map No. Indexed Survey by R. Lameson Notes C. [illegible] Date 10-21-23-46

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Botom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	[illegible]	11 30	27.5-29.4	28 1	2 [illegible]	~~26.5~~ 25.5		[illegible]
2	[illegible]		26.3-27.7	26 8		24.2		[illegible]
3	[illegible]		25-26.3	25 4	2 [illegible]	22.9		
4	[illegible]		23.5-25	24 3		21.8		
5	[illegible]		22.5-24	23 0	2 [illegible]	20.6		
6	[illegible]	11 42	21.1-23	21 7	2 [illegible]	19.4		
7	[illegible]		20-22.8	21 3		19.0		
8	[illegible]		19-21	19 7		17.4		
9	[illegible]		18-20.3	18 8		16.5		
10	[illegible]		17-19.5	17 8		15.5		
11	[illegible]	11 48	15.5-17.8	16 3	2 [illegible]	14.1		
12	[illegible]		14.5-18.5	15 8		13.6		
13	[illegible]		13.2-15.5	14 0		~~12.8~~ 11.8		
14	[illegible]		12.1-14	12 7		10.5		
15	[illegible]		10.8-15.0	12 2		10.0		
16	[illegible]	11 52	8.8-12.8	10 1	2 1	8.0		END OF LINE

Boat. 162+00 (N)

F.B. 128 Pg. 126 Job No. 8412 Division No. Notes Red. [illegible] Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 11/12/46 Date 1946 No. X-Sec.
Survey by Kleinert Notes D.S. 10-23-46 Notes Chkd. Lewis Checked No.
Indexed C. Johnson Date Date 11-20-46 Date

Profile No. _____ Notes Red. _____ Plotted H.U.M.H. Job No. 84W Division No. _____ F.B. 1287 PG. 127

X-Sec. No. _____ Date _____ Date 1946 Survey of Beach Erosion

Notes Chkd. _____ Checked _____ Survey by Kleineck Notes G.W.K. Date 10-24-46

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

Range
164+00 (N)

Note:-
For shore sections from 164+00(N) to 264+00(N), incl., see L.A. City F.B. # 20713

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst Sight At	On	B.S. #	H.I. Color	F.S. Time	ELEV. Hor. Ang.	Remarks
164+00 -N	"N-7"	1	R	857	8940	Range Line ∡ ~90° F.S. on "N-7" Coming in
		2	Y		8940	
		3	W		9005	
		4	Y		9020	
		5	W		8950	
		6	R	908	9000	
		7	Y		9010	
		8	W		9020	
		9	Y		9005	
		10	W		9010	
		11	R	914	9015	
		12	Y		8955	
		13	W		9040	
		14	Y		9040	
		15	W		9045	
		16	R	917	9045	End.

FORM 307 5M 1-46

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
166+00 -N	N-5	1	R	925	89[illegible]5	Range Line ∠ = 90° F.S. on "N-5"
		2	Y		8[illegible]5	Going Out
		3	W		90[illegible]0	
		4	Y		8[illegible]5	
		5	W		90[illegible]	
		6	R	929	89[illegible]0	
		7	Y		8[illegible]	
		8	W		90[illegible]	
		9	Y		90[illegible]0	
		10	W		89[illegible]0	
		11	R	936	90[illegible]0	
		12	Y		90[illegible]0	
		13	W		90[illegible]0	
		14	Y		89[illegible]5	
		15	W		90[illegible]5	
		16	R	948	90[illegible]5	
		17	Y		90[illegible]0	
		18	W		90[illegible]0	End.

Range 166+00 (N)

F.B. 1287 Pg. 128 | Job No. 847 | Division No. | Notes Red. | Plotted H.U.M.H. | Profile
Survey of Beach Erosion | Date | Date 1946 | No. | X-Sec.
Survey by Meneck | Notes GWR 10-24-46 | Notes Chkd. | Checked | No.
Indexed C. Johnson | Date | Date | Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
156+00	N-7	1	R	8:56	112-40	Range 164+00 (N)
-N		2	Y		113-45	
		3	W		115-10	
		4	Y		117-50	
		5	W		119-50	
		6	R	9:07	124-40	
		7	Y		127-45	
		8	W		130-25	
		9	Y		134-35	
		10	W		136-50	
		11	R	9:14	139-35	
		12	Y		142-00	
		13	W		144-50	
		14	Y		146-05	
		15	W		149-10	
		16	R	9:17	151-10	End of line
		~~17~~	~~Y~~			
		~~18~~	~~W~~			
		~~19~~	~~Y~~			
		~~20~~	~~W~~			
		21				

Cut in. 164+00 (N)

Profile No. ____ Date ____ Notes Red ____ Plotted H. U. M. H. Date 19 46. Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by Kleinack Notes GOH Date 10/24/46

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ Map No. ____ Indexed C. Johnson

F.B. 1287 PG. 129

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
156+00 -N	N-7	1	R	9:25	156-15	Range 166+00 (N)
		2	Y		154-10	
		3	W		153-20	
		4	Y		152-00	
		5	W		150-00	
		6	R	9:29	148-25	
		7	Y		147-20	
		8	W		144-45	
		9	Y		142-15	
		10	W		138-25	
		11	R	9:36	136-50	
		12	Y		133-50	
		13	W		131-00	
		14	Y		127-00	
		15	W		126-35	
		16	R	9:49	123-35	
		17	Y		121-45	
		18	W		119-50	End of line
		~~19~~	~~Y~~			
		~~20~~	~~W~~			
		~~21~~	~~R~~			

Cut in. 166+00 (N)

F.B. 1287 PG. 130

Job No. 8417 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date ____ Date 1946 No. ____

Survey by Klemack Notes G.O.H. 10/24/46 Notes Chkd. ____ Checked ____ X-Sec.

Indexed A. S. Johnson Date ____ Date ____ Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht Tide	Adj. Depth	Remarks
1	[illegible]	8 56	30.3-32.1	30.9	5.6	25.3	RANGE 164 [illegible]
2	Y		29.0-31.5	29.8		24.2	[illegible] IN
3	W		27.5-29.3	28.1		22.5	
4	Y		26.5-28.4	27.1		21.5	
5	[illegible]		25-29	26.3		20.7	
6	[illegible]	9 08	23.5-25.4	24.1	5.6	18.5	
7			22.2-25.8	23.4		17.8	
8			21-22.8	21.6		16.0	
9			19.8-22.0	20.5		14.9	
10	[illegible]		18.8-20.2	19.3		13.7	
11	[illegible]	9 14	17.8-19.8	18.5	5.5	13.0	
12			16-18.6	16.9		11.4	
13	[illegible]		14.5-16.8	15.3		9.8	
14			13.5-17.0	14.7		9.2	
15	[illegible]		11-13.8	11.9		6.4	
16	[illegible]	9 18	10-12.0	10.7	5.5	5.2	END OF LINE

Boat. 164+00 (N)

Profile Notes Red [illegible] Plotted H.U.M.H. Job No. 2412 Division No. F.B. 1287 Pg. 131
No. Date 11/12/46 Date 1946 Survey of [illegible]
X-Sec. Notes Chkd. [illegible] Checked Survey by [illegible] Notes D.S. Date 10-24-46
No. Date 11-20-46 Date Map No. Indexed A. O. Job Dates

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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. 128 PG. 132 | Job No. 5417 Division No. | Notes Red. 7/5 Date 11/17/46 | Plotted H.U.M.H. Date 6/46 | No. | Profile

Survey of Marina Engineering Notes 1-4-46 Notes Chkd. Lewis Date 11-20-46 Checked | Date | X-Sec. No.

Survey by Weinreck Notes | Date | Indexed C. Johnson Date | Date | No.

STATION	Color	B. S. Time	Meas. Depth	F. S. Botom	Ht. Tide	Adj. Depth		Remarks
1		1 25	10-12.5	10 8	5 ±	5.4		
			11-13.5	11 8		6.4		OUT
			12-14.5	12 8		7.4		
			13.5-15.5	14 2		8.8		
			14.5-16.5	15 1		9.7		
		2	15.5-17.5	16 4	5 ±	11.0		
			16.5-18.7	17 2		11.8		
2			17.8-19.5	18 4		13.0		
			18.8-20.7	19 6		14.2		
			20-22	20 7		15.3		
		1 35	21-22.3	21 4	5 ±	16.1		
			22-24.5	~~22 4~~ 23.0		~~17.4~~ 17.7		
			23-25.2	23 7		18.4		
			24.8-26.7	25 4		20.1		
			25-27.2	26 4		21.1		
		1 42	27-28.7	27 6	5 ±	22.4		
			28-29.7	28 6		23.4		
			29-30.7	29 8		24.6		

Boat
166+00(N)

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
168+00 -N	N-7	1	R	10 03	90 00	Range Line ∡ = 90° F.S. on "N-7"
		2	Y		89 55	Coming In
		3	W		89 30	
		4	Y		89 45	
		5	W		90 00	
		6	R	10 11	90 45	
		7	Y		89 35	
		8	W		89 30	
		9	Y		90 05	
		10	W		89 05	
		11	R	10 18	90 00	
		12	Y		90 45	
		13	W		90 20	
		14	Y		89 25	
		15	W		91 30	
		16	R	10 21	90 50	
		17	Y		89 25	
		18	W		89 35	End

Range 168+00(N)

Profile Notes Red ____ Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. 1287 PG. 133
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Memark Notes GWK Date 10-24-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. O. Jr. Date ____

F.B. 1287 Pg. 134 | Job No. 8442 | Division No. | Notes Red. | Plotted H. U. M. H. | Profile No.
Survey of Beach Erosion | Date | Date 1946. | X-Sec.
Survey by Wemeck | Notes GWK. 10-24-46 | Notes Chkd. | Checked | No.
Indexed A. O. Johnson | Date | Date | Date

FORM 307 5M 1-46

- PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B.S. #	H.I. Color	F.S. Time	ELEV. Hor. Ang.	Remarks
170+00 -N	N-7	1	R	1031	90 00	Range Line ∠ = 90° F.S. on N-7 Range Out
		2	Y		90 00	
		3	W		90 5	
		4	Y		89 00	
		5	W		90 5	
		6	R	1035	89 00	
		7	Y		90 00	
		8	W		90 5	
		9	Y		90 00	
		10	W		90 5	
		11	R	1043	89 5	
		12	Y		89 0	
		13	W		89 0	
		14	Y		90 00	
		15	W		90 5	
		16	R	1056	90 00	
		17	Y		90 00	End

Range
170+00 (N)

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
156+00	N-7	1	R	10:01	124-40	Range 168+00 (N)
-N		2	Y		125-00	
		3	W		125-50	
		4	Y		127-40	
		5	W		131-05	
		6	R	10:11	134-05	
		7	Y		136-20	
		8	W		140-20	
		9	Y		143-05	
		10	W		144-25	
		11	R	10:17	148-05	
		12	Y		151-55	
		13	W		152-40	
		14	Y		155-20	
		15	W		156-50	
		16	R	10:21	157-40	
		17	Y		158-40	
		18	W		159-55	End of line
		~~19~~	~~Y~~			
		~~20~~	~~W~~			
		~~21~~				

Cut in 168+00 (N)

Profile
No. ____ Date ____ Notes Red. ____ Plotted H.U.M.H. Job No. Surv. Division No. ____
X-Sec. Date 19 46 Survey of Beach Erosion
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by Klemeck Notes G.O.H. Date 10/24/46
Map No. ____ Indexed by C. Jones

F.B. 1287 Pg. 135

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
160+00 -N	N-7	1	R	10:30	154-40	Range 170+00 (N)
		2	Y		152-35	
		3	W		151-20	
		4	Y		149-25	
		5	W		146-45	
		6	R	10:35	145-20	
		7	Y		141-00	
		8	W		137-35	
		9	Y		135-40	
		10	W		132-20	
		11	R	10:43	129-55	
		12	Y		127-25	
		13	W		125 50	
		14	Y		123-50	
		15	W		122-55	
		16	R	10:56	120-40	
		17	Y		118-15	End of line
		~~18~~	~~W~~			
		~~19~~	~~Y~~			
		~~20~~	~~W~~			
		~~21~~				

Cut in 170+00 (N)

F.B. 128 PG. 136

Job No. 2417 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 1946 No. X-Sec.

Survey by Kleineck Notes G.O.H. 10/24/46 Notes Chkd. Checked No.

Indexed C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1		10 02	27.9-26.5	24 4	5 0	24.4	Grass [illegible]
2			27.9-29.2	28 3		23.3	Gunns IN
3			26.9-28.3	27 4		22.4	
4			25.9-28.8	26 6	4 9	21.7	
5			24.5-27.7	25 6		20.7	
6		11	23.4-25.7	24 2	4 8	19.4	
7			22.1-22.8	22 4		17.6	
8			20.9-23.2	21 7		16.9	
9			19.7-22.3	20 6		15.8	
10			18.7-22.3	19 9		15.1	
11		12	17.7-[illegible].0	18 5	4 7	13.8	
12			16.6-[illegible]	17 4		12.7	
13			15.0-17.2	16 1		11.4	
14			14.0-16.0	14 7		10.0	
15			12.8-14.8	13 5		8.8	
16		21	11.8-15.0	12 9	4 6	8.3	
17			10.9-13.0	11 5		6.9	
18			9.5-12.0	10 3		5.7	[illegible]

Boot.
168+00 (N)

Profile
No. ____ Date 11/17/46 Notes Red. [illegible] Plotted H. U. M. H. Job No. 8412 Division No. ____
X-Sec. Date 11/17/46 Notes Chkd. [illegible] Checked 19446 Survey of Beach Erosion
No. ____ Date 11-20-46 Date ____ Map No. ____ Survey by Hamack Notes [illegible] Date 10-24-46
Index A. C. Job Date ____

F.B. 1287 Pg. 137

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Botom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	[illegible]	[illegible]	10.6	4 [illegible]	6.1		[illegible] 170+00
2	Y		[illegible]	12 2		7.7		Going [illegible]
3	W		[illegible]	13 4		8.9		
4	Y		[illegible] .0	14 5		10.0		
5	W		[illegible]	16 1		11.6		
6	R	[illegible]	[illegible]	17 1	4 4	12.7		
7	Y		[illegible] .0-	18 8		14.4		
8	W		[illegible]	20 1		15.7		
9	Y		[illegible]	X?		? ?		
10	W		[illegible]	22 4		18.0		
11	R	[illegible]	[illegible]	23 3	4 [illegible]	19.0		
12	Y		[illegible]	24 3		20.0		
13	W		[illegible]	25 1	4 2	20.9		
14	Y		[illegible] .0-	25 8		21.6		
15	W		[illegible] .0-	26 6	4 1	22.5		
16	R	[illegible]	[illegible] .0-	27 4	4 2	23.4		
17	Y		[illegible] -29.8	28 7		24.7		[illegible]

Boat 170+00(N)

F.B. 128 PG. 138

Job No. 8412 Division No. ____ Notes Red. [illegible] Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 11-13-46 Date 1946 No. ____

Survey by Mamack Notes D.S. 10-24-46 Notes Chkd. Lew Checked ____ X-Sec.

Indexed A. O. Johnson Date ____ Date 11-20-46 Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
172+00 -N	N-7	1	R	11 18	90 05	Range Line ∡ = 90° F.S. on 8 Nov
		2	Y		89 45	Coming In
		3	W		[illegible]	
		4	Y		90 00	
		5	W		[illegible]	
		6	R	11 21	[illegible]	
		7	Y		[illegible]	
		8	W		[illegible]	
		9	Y		89 25	
		10	W		[illegible]	
		11	R	11 31	[illegible]	
		12	Y		89 50	
		13	W		89 50	
		14	Y		89 35	
		15	W		[illegible]	
		16	R	11 34	89 50	

Range 172+00 (N)

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Date 1946 Job No. 8442 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd ____ Checked ____ Survey of Beach Erosion Survey by Kleinecke Notes Tuttle Date 10-24-46
Map No. ____ Indexed by O. Jorgensen

F.B. 128 PG. 139

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
173+ 78.20	N-7	1	R	11 40	8 40	Range Line 4 = 90° F.S. on "N-7"
		2	Y		90 00	Going Out
		3	W		90 00	
		4	Y		90 00	
		5	W		90 05	
		6	R	11 51	89 20	
		7	Y		90 00	End for 10-24-46
						Break
		8	R	8 13	90 15	Beginning 10-25-46
		9	Y		90 10	
		10	W		90 10	
		11	Y		90 10	
		12	W		90 05	
		13	R	8 23	90 05	
		14	Y		90 05	
		15	W		90 05	End

Range 173+78.20 (N)

F.B. 1287 PG. 140 | Job No. 8412 | Division No. | Notes Red. | Date | Plotted H. U. M. H. | Date 1946 | No. | Profile
Survey of Beach Erosion | Notes Chkd. | Date | Checked | X-Sec.
Survey by Klemack | Notes Chkd. 10-24-46 | Date | Date | No.
Indexed L. O. Johnson | Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
160+00 -N	N-7	1	R	11:12	123-40	Range 172+00(N)
		2	Y		125-25	
		3	W		127-45	
		4	Y		130-30	
		5	W		132-50	
		6	R	11:20	135-40	
		7	Y		138-40	
		8	W		144-20	
		9	Y		145-00	
		10	W		146-50	
		11	R	11:30	148-40	
		12	Y		149-45	
		13	W		151-30	
		14	Y		152-15	
		15	W		153-05	
		16	R	11:34	154-00	End of line
		~~17~~	~~Y~~			
		~~18~~	~~W~~			
		~~19~~	~~Y~~			
		~~20~~	~~W~~			
		21				

Cut in 172+00 (N)

Profile
No. X-Sec.
Notes Red
Date
Plotted H. U. M. H.
Date 1946
Job No. 8412
Division No.
Survey of Beach Erosion
Notes Chkd
Checked
Survey by Kleinock
Notes G.O.H.
Date 10/24/46
No.
Date
Date
Map No.
Indexed A. S. Johnson
F.B. 1287 PG. 141

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
164+00	N-7	1	R	11:40	148-20	Range 173+78.20 (N)
-N		2	Y		145-50	
		3	W		144-45	
		4	Y		142-15	
		5	W		138-05	
		6	R	11:51	134-[illegible]	
		7	Y		133-30	End for 10-24-46
Break		8	R	8:14	135-50	Beginning 10-25-46
		9	Y		132-05	
		10	W		129-05	
		11	Y		125-40	
		12	W		123-30	
		13	R	8:23	122-25	
		14	Y		118-45	
		15	W		117-30	End of line
		~~16~~	~~Y~~			
		~~17~~	~~W~~			
		~~18~~	~~R~~			
		~~19~~	~~Y~~			
		~~20~~	~~W~~			
		~~21~~				

Cut in 173+78.20 (N)

F.B. 128 PG. 142 Job No. 8412 Division No. Notes Red Plotted H. U. M. H. Profile
Survey of Beach Erosion Date 1944 No. X-Sec.
Survey by Kleinert Notes GOH 10-25-46 Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	[illegible]	[illegible]14	27.7-30.0	28 5	3 5	25.0	Range [illegible]
2	[illegible]		26.4-28.0	26 9		23.4	Going in.
3	[illegible]		25.1-27.2	26 0		22.5	
4	[illegible]		24.0-26.2	24 9		21.4	
5	[illegible]		22.4-26.0	23 6		20.1	
6	[illegible]	[illegible]21	21.0-25.[illegible]	22 6	3 4	19.2	
7	[illegible]		[illegible]	20 6		17.2	
8	[illegible]		19.0-20.5	18 8	3 3	15.5	
9	[illegible]		[illegible]	17 8		14.5	
10	[illegible]		17.0-19.0	17 7	3 2	14.5	
11	[illegible]	[illegible]	16.0-18.0	16 7	3 1	13.6	
12	[illegible]		15.0-17.0	15 7		12.6	
13	[illegible]		14.0-15.0	14 3		11.2	
14	[illegible]		13.0-14.0	13 3		10.2	
15	[illegible]		[illegible]	12 5		9.4	
16	[illegible]	11 33	[illegible]	11 8	3 0	8.8	End of line.

Boat
172+00 (N)

Profile
No. ____ Notes Red [illegible] Plotted H.U.M.K. Job No. 8412 Division No. ____
X-Sec. Date 11-13-46 Date 1946 Survey of Beach Erosion
No. ____ Notes Chkd. [illegible] Checked ____ Survey by Meinecke Notes D.S. Date 10-24-46
Date 11-20-46 Date ____ Map No. ____ Index A.O. Job Date ____

F.B. 1287 PG. 143

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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. 127 PG. 144

Job No. 8412 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 11-13-46 No. ____ X-Sec.

Survey by Meunier Notes 10-24-46 Notes Chkd. ____ Checked 1946 ____

Indexed by ____ Date ____ Date 11-20-46 Date ____ No. ____

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	[illegible]	[illegible]	[illegible]	12 4	[illegible]	9.0 5.	[illegible] 173+ 78.20
2	[illegible]		1.0- [illegible]	13 8		10.9.	[illegible]
3	[illegible]		[illegible]	15 4	2 8.	12.6.	
4	[illegible]		[illegible]	17 1		14.3.	
[illegible]	[illegible]		1.0- [illegible]	19 1	2 7.	16.4.	
[illegible]	[illegible]	[illegible]	1.0- [illegible]	19 3	2 3.	16.7.	
[illegible]	[illegible]		1.0-22.0	20 7		18.1.	Lost for 10-24-46 (Tide 27.6')
8	R	[illegible]	22.0-23.2	22 4	[illegible]	16.6.	Beginning 10-25-46
[illegible]	[illegible]		[illegible]	23 7		17.9.	
[illegible]	W		[illegible]	25 0		19.2.	
[illegible]	[illegible]		25.5-27.7	26 2		20.4.	
[illegible]	W		26.4-28.1	27 0		21.2.	
[illegible]	R	[illegible]	[illegible]	28 1	[illegible]	22.3.	
[illegible]	[illegible]		[illegible] .10	29 5		23.7.	
[illegible]	W		[illegible] .10	30 6		24.8.	[illegible]

Boat. 173+ 78.20

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
176+00	"N-7"	1	R	841	9010	Range Line ∡ = 90° F.S. on "N-7"
		2	Y		9000	Coming In
		3	W		9000	
		4	Y		8945	
		5	W		9000	
		6	R	850	8940	
		7	Y		9025	
		8	W		8950	
		9	Y		8950	
		10	W		9000	
		11	R	857	8940	
		12	Y		8950	
		13	W		8955	
		14	Y		9000	
		15	W		8940	End.

Range 176+00 (N)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 842 Division No. ____ F.B. 1287 PG. 145
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Kamesk Notes GWK Date 10-25-46
No. ____ Date ____ Date ____ Map No. ____ Indexed on A. C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 At	Inst. Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
178+00 -N	N-8	1	R	9 07	90 00	Range Line ∠ = 90° F.S. on "N-8" Going Out
		2	Y		89 50	
		3	W		89 40	
		4	Y		89 50	
		5	W		89 35	
		6	R	9 12	91 00	
		7	Y		89 35	
		8	W		90 00	
		9	Y		90 00	
		10	W		90 05	
		11	R	9 18	90 30	
		12	Y		89 35	
		13	W		90 15	
		14	Y		89 35	
		15	W		90 15	
		16	R	9 29	89 15	
		17	Y		90 05	
		18	W		90 05	End.

Range 178+00 (N)

F.B. 1289 PG. 146 Job No. 8442 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 1946 No. X-Sec.
Survey by Kleineck Notes GWK-10-25-46 Notes Chkd. Checked
Indexed A. B. Johnson Date Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
164+00 -N	N-7	1	R	8:40	123-10	Range 176+00 (N)
		2	Y		125-30	
		3	W		126-25	
		4	Y		129-00	
		5	W		132-10	
		6	R	8:49	134-50	
		7	Y		137-55	
		8	W		141-05	
		9	Y		143-35	
		10	W		146-30	
		11	R	8:55	149-10	
		12	Y		151-15	
		13	W		153-35	
		14	Y		156-00	
		15	W		157-40	End of line
		~~16~~	~~R~~			
		~~17~~	~~Y~~			
		~~18~~	~~W~~			
		~~19~~	~~Y~~			
		~~20~~	~~W~~			

Cut in 176+00 (N)

Profile Notes Red. Plotted H.U.M.H. Job No. 8412 Division No. E.B. 128 PG. 147
No. Date Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. Checked Survey by Kleineck Notes G.O.H. Date 10/25/46
No. Date Date Map No. Indexed A. C. Johnston

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
164+00	W-7	1	R	9:06	161-40	Range 178+00 (N)
-N		2	Y		160-35	
		3	W		158-00	
		4	Y		156-25	
		5	W		154-40	
		6	R	9:11	153-25	
		7	Y		151-20	
		8	W		149-30	
		9	Y		147 40	
		10	W		145-25	
		11	R	9:17	143-05	
		12	Y		139-55	
		13	W		138-45	
		14	Y		136-00	
		15	W		134-25	
		16	R	9:29	131-25	
		17	Y		130-00	
		18	W		128-40	End of line
		~~19~~	~~Y~~			
		~~20~~	~~W~~			

Cut in 178+00(N)

F.B. 128 PG. 148 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 1946 No. X-Sec.
Survey by Kleineck Notes G.O.H. 10/25/46 Notes Chkd. Checked No.
Indexed A. O. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	8 [illegible]	29.9-[illegible]	30.4	5.9	24.5	RANGE 176+00
2	Y		28.9-30.3	29.4		23.5	GOING [illegible]
3	W		27.5-[illegible]	28.1		22.2	
4	Y		26.[illegible]-[illegible]	27.4		21.5	
5	W		25.0-28.8	26.3		20.4	
6	[illegible]	8 5[illegible]	24.0-[illegible]	24.9	5.9	19.0	
7			22.5-24.5	23.2		17.3	
8			21.8-24.0	22.5		16.6	
9			20.4-22.1	21.0		15.1	
10			19.0-21.0	19.7		13.8	
11	[illegible]	8 [illegible]	17.[illegible]-[illegible]	18.4	5.9	12.5	
12	Y		15.5-17.0	16.1		10.8	
13	W		13.2-17.0	14.5		8.6	
14	Y		12.0-15.0	13.0		7.1	
15	W		[illegible]-[illegible]	11.9		6.0	END OF

Boat
176+00 (N)

Profile
No. ____ Notes Red [illegible] Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date 11-13-46 Date 19446 Survey of Beach Erosion
No. ____ Notes Chkd [illegible] Checked ____ Survey by Kleinert Notes D.S. Date 10-25-46
Date 11-20-46 Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 128 Pg. 149

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	Meas. H. I. Depth	F. S. Botom	H. ELEV. Tide	Adj. Depth		Remarks
1	R	[illegible]	[illegible]	10.7	5.9	4.8		RANGE 178+00
2	Y		11-13.2	11.6		5.7		GOING OUT
3	W		[illegible]	13.4		7.5		
4	Y		12.1-15.0	14.6		8.7		
5	W		15.6-17.0	15.9		10.0		
6	R	[illegible]	[illegible]	17.5	5.3	11.7		
7	Y		[illegible]	18.3		12.5		
8	W		[illegible]	19.8		14.0		
9	Y		20-21.7	20.6		14.8		
10	W		[illegible]	21.5		15.7		
11	R	[illegible]	22-23.9	22.6	5.3	16.8		
12	Y		[illegible]	23.8		18.0		
13	W		24-26	24.7		18.9		
14	Y		[illegible]	25.6		19.8		
15	W		26-27.2	26.9		21.1		
16	R	9:29	[illegible]	27.6	5.7	21.9	Boat 178+00(N)	
17	Y		27.4-30	28.9		23.2		
18	W		[illegible]	29.5		23.8		END OF LINE.

F.B. 128 PG. 150

Job No. 9412 Division No. _____ Plotted H.U.M.H. Date 1946

Survey of Beach Erosion Notes Red. _____ Date 11-13-46 No. _____ Profile

Survey by Wenner Notes Chkd. Date 10-25-46 Checked Lowe. X-Sec.

Indexed C. Johnson Date _____ Date 11-20-46 No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
180+00 -N	"N-8	1	R	941	8950	Range Line ∡=90° F.S. on "N-8"
		2	Y		9000	Coming In.
		3	W		9000	
		4	Y		8915	
		5	W		9000	
		6	R	950	8930	
		7	Y		9015	
		8	W		9000	
		9	Y		8940	
		10	W		8940	
		11	R	1003	9005	
		12	Y		8950	
		13	W		8950	
		14	Y		8940	
		15	W		9010	
		16	R	1006	8930	
		17	Y		8945	
		18	W		9000	
		19	Y		8930	
		20	W		9000	
		21	R	1009	9020	End

Range 180+00 (N)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 842 Division No. ____ F.B. 1287 PG. 151
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Meineck Notes Gault Date 10-25-'46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Job Pkr.

FORM 307 5M 1-46

- PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
182+00 -4	N-8	1	R	1019	89 30	Range Line ∡ = 90° F.S. on "N-8", Going Out.
		2	Y		89 20	
		3	W		89 20	
		4	Y		88 40	
		5	W		88 45	
		6	R	1023	90 35	
		7	Y		89 30	
		8	W		90 45	
		9	Y		90 20	
		10	W		89 40	
		11	R	1029	90 45	
		12	Y		90 20	
		13	W		90 40	
		14	Y		90 45	
		15	W		90 20	
		16	R	1039	90 20	
		17	Y		90 20	
		18	W		90 20	
		19	Y		90 45	
		20	W		90 45	End

Range 182+00(N)

F.B. 1287 PG. 152

Job No. 8412 Division No. ____ Notes Red. ____ Plotted U.M.H. Profile

Survey of Beach Erosion Date ____ Date 10-26-46 No. ____ X-Sec.

Survey by Meineck Notes GWK 10-25-46 Notes Chkd. ____ Checked ____ No. ____

Indexed C. Johnson Date ____ Date ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
164+00 -N	N-7	1	R	9:40	132-25	Range 180+00 (N)
		2	Y		134-20	
		3	W		136-30	
		4	Y		137-50	
		5	W		140-05	
		6	R	9:50	144-00	
		7	Y		145-35	
		8	W		149-20	
		9	Y		151-45	
		10	W		153-20	
		11	R		154-50	
		12	Y	10:03	156-25	
		13	W		157-05	
		14	Y		158-50	
		15	W		159-55	
		16	R	10:05	161-05	
		17	Y		161-40	
		18	W		163-15	
		19	Y		163-40	
		20	W		165-40	
		21	R	10:11	167-05	

Cut in 180+00 (N)

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 Pg. 153
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleinack Notes G.O.H. Date 10/25/46
No. ____ Date ____ Date ____ Map No. ____ Indexed by C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
173+78.20		1	R	10:19	149-50	Range 182+00 (N)
-N	W-7	2	Y		148-10	
		3	W		146-50	
		4	Y		143-45	
		5	W		142-50	
		6	R	10:23	141-25	
		7	Y		138-25	
		8	W		137-45	
		9	Y		135-15	
		10	W		132-30	
		11	R	10:29	131-00	
		12	Y		128-25	
		13	W		127-40	
		14	Y		124-35	
		15	W		122-05	
		16	R	10:36	120-50	
		17	Y		119-00	
		18	W		116-35	
		19	Y		115-25	
		20	W		114-00	

Cut in 182+00 (N)

F.B. 1287 PG. 154

Job No. 842 Division No. ____ Notes Red. ____ Plotted U.M.H. Profile

Survey of Beach Erosion Date ____ Date 1946 No. ____

Survey by Blaineck Notes GOH 10-25-46 Notes Chkd. ____ Checked ____ X-Sec.

Indexed by O. Johnson Date ____ Date ____ Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Colo.	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1		[illegible]	[illegible]	29.7	5.6	24.1	RANGE 180+00
[illegible]			[illegible]	28.3		22.7	GOING IN
[illegible]			[illegible]	27.2		21.6	
[illegible]			[illegible]	26.5		20.9	
[illegible]			[illegible]	24.7		19.1	
[illegible]		[illegible]	[illegible]	24.0	5.5	18.5	
[illegible]			21.7-24	22.5		17.0	
[illegible]			20-21.7	20.6		15.1	
[illegible]			19-21	19.7		14.2	
[illegible]			[illegible]	18.5		13.0	
[illegible]		[illegible]	17-[illegible]	17.9	5.4	12.5	
[illegible]			[illegible]	16.5		11.1	
[illegible]			[illegible]	16.0		10.6	
[illegible]			[illegible]	14.7		9.3	
[illegible]			[illegible]	13.6		8.2	
[illegible]		10 [illegible]	[illegible]	12.3	5.3	7.0	
[illegible]			[illegible]	11.5		6.2	
[illegible]			[illegible]	10.3		5.0	
[illegible]			[illegible]	9.8		4.5	
[illegible]			[illegible]	8.3		3.0	
[illegible]		[illegible]	[illegible]	7.2		1.9	[illegible]

Boat. 180+00 (N)

Profile
No. ____ Date 11-13-46 Notes Red. [illegible] Plotted H. U. M. H. Job No. 8412 Division No. ____
X-Sec. ____ Date 1946 Survey of Beach Erosion
No. ____ Date 11-20-46 Notes Chkd. [illegible] Checked ____ Survey by [illegible] Notes [illegible] Date 10-25-46
Map No. ____ Indexed [illegible] C. Johnson

F.B. 128 PG. 155

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	Meas. Depth	F. S. Botom	Elev. Tide	Adj. Depth	Remarks
1	[illegible]	[illegible]	8-10	8 7	[illegible]	3.5	[illegible]
2			9-11	9 7		4.5	
3	[illegible]		[illegible]	11 3		6.1	
4	[illegible]		[illegible]	13 0		7 ~~8~~.8	
5	[illegible]		13-[illegible]	13 2		8.0	
6	[illegible]	[illegible]	[illegible]	14 2	[illegible]	9.1	
7			[illegible]	16 2		11.1	
8	[illegible]		[illegible]	17 1		12.0	
9	[illegible]		[illegible]	18 ~~1~~ 3		13.~~0~~2	
10	[illegible]		[illegible]	20 0		14.9	
11	[illegible]	[illegible] 29	20-21	20 3	[illegible]	15.3	
12	[illegible]		[illegible]	21 8		16.8	
13	[illegible]		[illegible]	22 0		17.0	
14			[illegible]	23 3		18.3	
15	[illegible]		[illegible]	24 2		19.2	
16	R	[illegible] 37	[illegible]	25 0	4 9	20.1	
17	Y		[illegible]	26 3		21.4	
18	W		[illegible]	27 5		22.6	
19	[illegible]		28-29.7	28 6		23.7	
20	[illegible]		29-30	29 3		24.4	[illegible]

Boat 182+00(N)

F.B/287 PG. 156

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 1946 No.

Survey by Kleineck Notes D.S. 10-25-46 Notes Chkd. LCW Checked X-Sec.

Indexed C. Johnson Date Date 11-20-46 Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
184 400 N	N-10	1	C	1102	9000	Range Line ∡ = 90° F.S. on "N-10"
		2	Y		9005	coming In.
		3	W		9000	
		4	Y		9000	
		5	W		9000	
		6	R	1109	9020	
		7	Y		9000	
		8	W		9000	
		9	Y		9025	
		10	W		9035	
		11	C	1115	8935	
		12	Y		9025	
		13	W		9000	
		14	Y		9010	
		15	W		9000	
		16	R	1119	8955	
		17	Y		9000	
		18	W		8945	
		19	Y		8945	
		20	W		8935	
		21	R	1121	9020	

Range
184+00(N)

Profile
No. ____ Date ____ Notes Red ____ Plotted H. U. M. H. Date 1946 Job No. 847 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ Survey of Beach Erosion Survey by Hlexnock Notes Gwk Date 10-25-'46 Map No. ____ Indexed C. Johnson

F.B. 1287 PG. 157

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
190+00 -N	188 +00-N	1	R	1140	89.50	Range Line ∡ = 90° F.S. on 188+00-N
		2	Y		[illegible]	Coming in toward Jetty
		3	W		[illegible]	
		4	Y		89.50	
		5	W		[illegible]	Break-End for 10-25-'46
		6	R	823	90.50	Beginning 10-28-'46
		~~7~~	~~R~~		~~90.00~~	Going out from end of North Jetty
						One shot taken only to fill in

Copied - [illegible]

F.B. 1287 PG. 158

Job No. 842 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of Beach Erosion Date ____ No. ____

Survey by Memeck Notes GWK 10-25+28-'46 Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed C. Johnson Date ____ Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
		1	R	11:00	118-15	
173+78.20		2	Y		119-05	Range 184+00(N)
-N	N-7	3	W		120-00	
		4	Y		121-40	
		5	W		123-55	
		6	R	11:~~13~~ 09	125-20	
		7	Y		127-40	
		8	W		129-45	
		9	Y		132-15	
		10	W		133-15	
		11	R	11:14	135-00	
		12	Y		136-15	
		13	W		138-10	
		14	Y		140-25	
		15	W		141-55	
		16	R	11:~~07~~ 18	143-05	
		17	Y		144-40	
		18	W		146-10	
		19	Y		146-45	
		20	W		148-25	
		21	R	11:20	148-45	End of line

Cut in 184+00(N)

Profile No. ____ Notes Red. ____ Plotted ~~H.U.M.H.~~ Job No. ____ Division No. ____ F.B. 128 PG. 159
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes G.O.H. Date 10/25/46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
173+78.20	N-7	1	R	11:39	132-20	Range 190+00 (N)
-N		2	Y		132-55	~~"End of Section"~~
		3	W		134-50	
		4	Y		136-35	
		5	W		138-05	Break - End for 10-25-'46
		6	R	8 34	141-25	Beginning 10-28-46, This sounding taken just off end of North jetty
		~~7~~	~~Y~~			
		~~8~~	~~W~~			
		~~9~~	~~Y~~			
		~~10~~	~~W~~			
		11	R			Copied - [illegible]
		12	Y			
		13	W			
		14	Y			
		15	W			
		16	R			
		17	Y			
		18	W			
		19	Y			
		20	W			

F.B/287 PG. 160

Job No. 8412 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of BEACH [illegible] Date ____ No. ____

Survey by KLEINECK Notes [illegible] 10-25-46 10-28-46 Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed A. O. Johnson Date ____ Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht Tide	Adj. Depth	Remarks
1	[illegible]	11 02	29.0-30.0	29 3	4 5	24.8	RANGE 184+00(N)
2	[illegible]		28.0-29.0	28 3		23.8	[illegible] IN
3	[illegible]		27.0-28.0	27 3		22.8	
4	[illegible]		26.0-27.0	26 3		21.8	
5	[illegible]		25.0-25.5	25 2		20.7	
[illegible]	[illegible]	11 09	24.0-25.2	24 4	4 4	20.0	
[illegible]	[illegible]		23.0-24.0	23 3		18.9	
[illegible]	[illegible]		22.0-23.0	22 3		17.9	
[illegible]	[illegible]		21.0-21.5	21 2		16.8	
[illegible]	[illegible]		20.0-22.0	20 7		16.3	
[illegible]	[illegible]	11 15	19.0-19.8	19 3	4 3	15.0	
[illegible]	[illegible]		18.0-21.0	19 0		14.7	
[illegible]	[illegible]		17.0-17.7	17 2		12.9	
[illegible]	[illegible]		16.0-17.5	16 5		12.2	
[illegible]	[illegible]		15.0-17.5	15 8		11.5	
[illegible]	[illegible]	11 19	14.0-16.5	14 8	4 2	10.6	
[illegible]	[illegible]		13.0-14.0	13 3		9.1	
[illegible]	[illegible]		12.0-14.0	12 7		8.5	
19	[illegible]		11.0-11.8	11 3		7.1	
[illegible]	[illegible]		10.0-12.0	10 7		6.5	
[illegible]	R	11 21	9-11	9 7	4 1	5.6	END OF LINE.

Boat 184+00(N)

Profile
No. _____ Date 11-13-46 Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. [illegible] Checked _____ Survey by Hlemak Notes DJ Date 10-25-46
No. _____ Date 11-20-46 Date _____ Map No. _____ Indexed by O. Johnson

H.U.M.H.

F.B. 128 PG. 161

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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. Meas.	F. S.	ELEV. Ht.		
#	Color	Time	Depth	Botom	Tide	Adj. Depth	Remarks
1	R	11 39	27-28				RANGE 190+00(N) - ON
2	Y		26-27.7				TROJECTION OF NORTH JETTY.
3	W		25-26				GOING IN.
4	Y		24-24.8				
5	W	11 45	23-24				Break-end for 10-25-'46
6	R	8 34	24-26				Beginning 10-28-'46
7	Y		~~25.5-27.1~~				Shot #6 just off
8	W						w'ly & present end of
9	Y						Northerly Jetty now
10	W						under construction.
11	R						No. 6+7 — 10/28/46
12	Y						(Going out)
13							
14							
15							
16	R						
17	Y						
18	W						

Copied — [illegible]

F.B. 1287 PG. 162 Job No. 8412 Division No. Notes Red. Plotted No. Profile
Survey of Beach Erosion Date Date X-Sec.
Survey by Kleinecke Notes D.S. 10-25-46 Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
186+00 -N	N-10	1	R	708	9005	Range Line ∡ = 90° F.S. on N-10
		2	Y		9005	Coming In.
		3	W		9000	
		4	Y		8950	
		5	W		8945	
		6	R	718	9010	
		7	Y		9015	
		8	W		8945	
		9	Y		9010	
		10	W		9010	
		11	R	727	9015	
		12	Y		9005	
		13	Y		9000	
		14	Y		8945	
		15	W		8945	
		16	R	733	8945	
		17	Y		9010	
		18	W		9015	
		19	Y		9000	
		20	W		8950	End.

Range 186+00 (N)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 128 Pg. 163
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Reineck Notes GWK Date 10-28-46
No. ____ Date ____ Date ____ Map No. ____ Indexed by C. Johnson Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
188+00 -N	186+00 (N)	1	R	750	90 00	Range Line ∡ = 90° F.S. on point 250' to right of Sta. 186+00 (N)
		2	Y		90 00	
250' offset To Right of control Line	on 250' offset	3	W		90 05	
		4	Y		90 15	
		5	W		90 05	Note: This line is in new channel of Ballona Creek between north & South jetties now under construction
		6	R	802	90 20	
		~~7~~	~~R~~	~~805~~	~~90 15~~ (out)	
		8	R		90 25	
		9	R	806	89 50	
		10	R		89 40	
		11	R		89 45	
		12	R	809	90 05	
		13	R		90 15	
		14	R		90 20	
		15	R		90 20	
		16	R	811	89 25	
		17	R		89 40	
		18	R		89 40	
		19	R		89 45	
		20	R		89 40	

Range 188+00 (N)

F.B. 1287 PG. 164 Job No. 8412 Division No. Notes Red. Plotted H. U. M. H. Profile
Survey of Beach Erosion Date 1946 No. X-Sec.
Survey by Kleinert Notes Gulk 10-28-46 Notes Chkd. Checked No.
Indexed A. O. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
188+00 -N on 250' offset to R. of Cont. Line	186+00 (N) on 250' offset	21	R		90 15	Contd from preceding page.
		22	R		89 50	
		23	R	816	90 00	
		24	R		89 35	

Range 188+00 (N)

Profile No. ____ Date ____ Notes Red ____ Plotted H. U. M. H. Date 1946 Job No. ____ Division No. ____ F.B. 1287 PG. 165

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ Survey of ____ Survey by ____ Notes GWK Date 10-28-'46

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
196400 -N	N-10	1	R	859	9015	Range Line ∡ = 90° F.S. on "N-10"
		2	Y		8950	Coming In
		3	W		8945	
		4	Y		8945	
		5	W		9000	
		6	R	908	8950	
		7	Y		8950	
		8	W		9005	
		9	Y		8940	Copied
		10	W		8945	— [illegible]
		11	R	917	9000	
		12	Y		9005	
		13	W		9000	
		14	Y		9000	
		15	W		8950	
		16	R	921	9000	
		17	Y		8955	
		18	W		9005	
		19	Y		9000	

F.B. 1287 PG. 166 Job No. 8412 Division No. Notes Red. Plotted No. Profile
Survey of Beach Erosion Date Date X-Sec.
Survey by Klemeck Notes GWK 10-28-46 Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

Profile No.	Notes Red.	Plotted H. U. M. H.	Job No. 842	Division No.
	Date	Date 1946	Survey of [illegible]
X-Sec.	Notes Chkd.	Checked	Survey by [illegible] Notes D.C. Date 10-28-46
No.	Date	Date	Map No.	Indexed A. O. Johns

F.B. 128 PG. 167

Cut in
186+00 (N)

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

STATION Inst. Sight At On	B.S. #	H.I. Color	F.S. Time Hor. Ang.	ELEV.	Remarks
				137-05	End of Line

FORM 307 5M 1-46

F.B. 1287 PG. 168

Job No. S412 Division No. ______ Notes Red. ______ Plotted H. U. M. H. Profile

Survey of [illegible] Date ______ Date 1946 No. ______

Survey by [illegible]ECK Notes [illegible] Notes Chkd. ______ Checked ______ X-Sec.

Indexed C. Johnson Date ______ Date ______ Date ______ No. ______

FORM 307 5M 1-46

- PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B.S. #	H.I. Color	F.S. Time	ELEV. Hor. Ang.	Remarks
[illegible] 182[illegible]	47	1	R	7:52	[illegible]	[illegible] 188+00 (N)
		2	R		[illegible]	
		3	R		13[illegible]	
		4	R		13[illegible]	
		5	R		13[illegible]	
		6	R	8:03	[illegible]	
		7	—	—	—	Missed.
		8	R		137-30	
		9	R		13[illegible]	
		10	R		13[illegible]	
		11	R		14[illegible]	
		12	R	8:09	[illegible]	
		13	R		[illegible]	
		14	R		[illegible]	
		15	R		[illegible]	
		16	R		[illegible]	
		17	R	8:12	[illegible]	
		18	R		15[illegible]-30	
		19	R		15[illegible]	
		20	R		15[illegible]	
		21	R		153-[illegible]	
		22	R	8:16	15[illegible]	

Cut in 188+00 (N)

Profile No. _____ Notes Red. _____ Plotted H. U. M. H. Job No. [illegible] Division No. _____ F.B. 1287 PG. 169

Date _____ Date 1946 Survey of [illegible]

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by [illegible] Notes D. S. Date 10-28-46

Date _____ Date _____ Map No. _____ Indexed A. O. Johnson Date _____

Cut in
188+00 (N)

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

STATION Inst. Sight At	On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
173+78	26	23			157-50	RANGE 188+00
-11	11-1	24			160-50	END OF LINE
						3-00

FORM 307 5M 1-46

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
208+00 -N	196+00	1	R	9 00	56-55	RANGE 196+00 (N)
			Y		56-00	
		3	W		54-35	
		4	Y		52-00	
			W		49-50	
			R	9 09	47-20	
		7	Y		43-50	
		8	W		39-25	Copied
		9	Y		37-00	T.M.K.
		10	W		35-30	
		11	R	9 18	32-05	
		12	Y		31-30	
		13	W		30-10	
		14	Y		27-45	
		15	W		25-35	
		16	R	9 22	24-50	
			Y		21-50	
		18	Y		18-50	END OF LINE.

F.B. 1287 PG. 170

Job No. 8412 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of BEACH [illegible] Date ____ Date ____ No. ____

Survey by [illegible] Notes [illegible] Notes Chkd ____ Checked ____ X-Sec. ____

Indexed [illegible] Date ____ Date ____ Date ____ No. ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	7:08 ~~6:54~~	29.0-31.2	29.7	4.4	25.3	Range 186+00 (N)
2	Y		28.0-29.8	28.6		24.2	Going In
3	W		27.0-29.0	27.7		23.3	
4	Y		26.0-28.7	26.9		22.5	
5	W		25.0-28.0	26.0		21.6	
6	R		24.0-27.	25.0		20.6	
7	Y	7:18	23.0-26.0	24.0	4.5	19.5	
8	W		22.0-24.5	22.8		18.3	
9	Y		21.0-23.5	21.8	4.6	17.2	
10	W		20.0-22.3	20.8		16.2	
11	R	7:28	19.0-21.0	19.7	4.7	15.0	
12	Y		18.0-20.2	18.7		14.0	
13	W		17.0-19.0	17.7		13.0	
14	Y		16.0-17.8	16.6		11.9	
15	W		15.0-17.7	15.9		11.2	
16	R	7:33 ~~7:19~~	14.0-16.0	14.7	4.7	10.0	
17	Y		13.0-15.3	13.8		9.1	
18	W		12.0-13.8	12.6		7.9	
19	Y		11.0-13.0	11.7		7.0	
20	W		10.0-12.5	10.8		6.1	End of line

Boat. 186+00 (N)

Profile No. ____ Notes Red. [illegible] Date 11-13-46 Plotted H.U.M.H. Date [illegible] Job No. 8417 Division No. ____ F.B. 128 Pg. 171
X:Sec. No. ____ Notes Chkd. [illegible] Date 11-20-46 Checked ____ Date ____ Survey of Beach Erosion Survey by Kleinecke Notes G.O.H. Date 10/28/46 Map No. ____ Indexed by C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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. 1288 PG. 172 | Job No. 5117 Division No. | Plotted H.U.M.H. Date 1946 | Profile No. | Notes Red. Date 4-12-46 | X-Sec. No. | Notes Chkd. Date 11-20-46 | Checked Date

Survey of Beach Erosion
Survey by Hennessy Notes BOAT 10-28-46
Indexed

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ft. Tide	Adj. Depth	Remarks
1	R	7:49	29.0-31.3	29.8	4.9	24.9	Range 188+00 (N)
2	Y		28.0-29.8	28.6		23.7	Going in
3	W		27.0-29.0	27.7		22.8	
4	Y		26.0-28.2	26.7		21.8	
5	W		25.0-27.3	25.9		21.0	
6	R	8:02	24.0-26.2	24.7	5.0	19.7	
7	~~Y~~ ~~B~~		~~23-25~~	(out)			
8	~~W~~ R		22.0-23.8	22.6		17.6	
9	~~Y~~ R		21.0-23.0	21.7		16.7	
10	~~W~~ R		20.0-22.3	20.8		15.8	
11	R	8:06 ~~8:54~~	19.0-21.0	19.7	5.1	14.6	
12	~~Y~~ R		18.0-19.8	18.6		13.5	
13	~~W~~ R		17.0-18.8	17.6		12.5	
14	~~Y~~ R		16.0-18.0	16.7		11.6	
15	~~W~~ R		15.0-16.8	15.6		10.5	
16	R	8:11 ~~8:59~~	14.0-15.3	14.4	5.1	9.3	
17	~~Y~~ R		13.0-15.0	13.7		8.6	Boat 188+00 (N)
18	~~W~~ R		12.0-13.0	12.3		7.2	
19	~~Y~~ R		11.0-12.1	11.4		6.3	
20	~~W~~ R		10.0-11.8	10.6		5.5	

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks
21	R		9.-10.6	9 5.	5 1.	4.4	Range	188+00 (N)
22	"	8:16	8.-10.	8 1.	5 2.	3.5.		(Cont.)
23	"		7.-8.6	7 5.		2.3.		
24	"		7.-8.2	7 4.		2.2.	End	of line

Boat
188+00 (N)

Profile No. ____ Notes Red. JRK Date 11-13-46 Plotted H.U.M.H. Date 19 Job No. 847 Division No. ____ Survey of Beach Erosion Survey by Mamed Notes E.O.H. Date 10-28-46 Map No. ____ Indexed A. C. Johnson

X:Sec. No. ____ Notes Chkd. LWW Date 11-20-46 Checked ____ Date ____

F.B. 1287 PG. 173

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	8:~~47~~ 59	30 - 31.1			Range 196+00 (N)	
2	Y		29 - 30.5			Going In	
3	W		28 - 29.8				
4	Y		27 - 29.				
5	W		26 - 28.3				
6	R	~~8:55~~ 9:07	24.5 - 27				
7	Y		23 - 25.2				
8	W		22 - 24.5				
9	Y		21 - 22.5				
10	W		20 - 21.8				
11	R	9:~~04~~ 16	19 - 20.3				
12	Y		18 - 19.7				
13	W		17 - 18.3				
14	Y		16 - 18.				
15	W		15 - 17.				
16	R	9:~~09~~ 21	13 - 16.				
17	Y		12 - 13.8				
18	W		10.5 - 14				
19	Y		9.7 - 12.			End of line	
20	W						

Copied.
[illegible]

F.B. 128 PG. 174
Survey of Beach Erosion
Survey by Kleineck
Indexed C. Johnson
Job No. 8412
Division No.
Notes G.O.H. 10/28/46
Date
Notes Red.
Date
Notes Chkd.
Date
Plotted H.U.M.H.
Date 1946
Checked
Date
Profile
No.
X-Sec.
No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At.	Sight On.	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks.
190+00 -(N)	188+00 (N)	1	R	1140	8950	Range line ∡ = 90° F.S. on 188+00(N)
		2	Y		8950	Coming in toward north jetty
		3	W		8955	at mouth of Ballona Creek
		4	Y		8940	
		5	W		8920	Break - Last shot taken on 10-25-'46
		6	R	833	9050	Additional shot taken at outer end of jetty on 10-28-'46.

Note: North & South jetties now under construction. Cross-sections to be taken soon by L.A. City.

Range 190+00(N)

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Date 1940 Job No. 847 Division No. ____
X-Sec. Notes Chkd. ____ Checked ____ Survey of Beach Erosion
No. ____ Date ____ Date ____ Survey by Meinecke Notes Gwk Date 10-25 & 28-'46
Map No. ____ Indexed by C. Johnson

F.B. 1287 PG. 175

F.B. 1287 PG. 176

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

Survey of _____ Date _____ Date _____ No. _____

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

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
Inst. At.	Sight on	#	Color	Time	Hor. Ang.	Remarks.	
173+78.20	N-7	1	R	11 39	132 20	Range 190+00 (N)	
-N		2	Y		132 55	Coming in toward outer end of north	
		3	W		134 50	jetty at mouth of Ballona creek	
		4	Y		136 35		
		5	W		138 05	Break - Last shot for 10-25-'46	
		6	R	8 34	141 25	Additional shot taken at outer end of North Jetty on 10-28-'46	

Cut in 190+00 (N)

Profile
No. ____ Date ____ Notes Red. ____ Plotted H.U.M.H. Date 19 46 Job No. 8412 Division No. ____
X-Sec. Notes Chkd. ____ Checked ____ Survey of Beach Erosion Survey by Mainard Notes D.S. Date 10-25+28-'46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Job Date ____

F.B. 1287 PG. 177

F.B. 1287 PG. 178

Job No. _____ Division No. _____ Notes Rad. _____ Plotted H. U. M. H. Profile

Survey of _____ Date _____ Date 1946 No. _____

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

Indexed A. O. Johnson Date _____ Date _____ Date _____ No. _____

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Profile No. _____ Notes Red. _____ Plotted H. U. M. H. Job No. _____ Division No. _____

F.B. 1287 PG. 179

X-Sec. No. _____ Date _____ Date 1946 Survey of _____

Notes Chkd. _____ Checked _____ Survey by _____ Notes _____ Date _____

Date _____ Date _____ Map No. _____ Indexed [illegible] Date _____

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

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.		
#	Gold. Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks

FORM 307 5M 1-46

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	Meas. Depth	F. S. Botom	Ht. Tide	Adj. Depth	Remarks
1	R	1139	27.0-28.0	27.3	3.7	23.6	Range 190+00(N) on
2	Y		26.0-27.7	26.6		22.9	projection of north jetty
3	W		25.0-26.0	25.3		21.6	at mouth of Ballona creek
4	Y		24.0-24.8	24.3		20.6	Going in.
5	W	1145	23.0-24.0	23.3	3.7	19.6	Last shot for 10-25-'46. Break.
6	R	834	24.0-26.0	24.7	5.4	19.3	Additional shot at outer end of jetty on 10-28-'46

Boat 190+00(N)

F.B. 128 PG. 180 Job No. 8412 Division No. Notes Red. RCUT Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 3-3-47 Date 1946 No. X-Sec.
Survey by Flemont Notes D.S. 10-25 & 28-'46 Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
192+00 -N	188+00 -N	1	R	12 04	90 05	Range Line ∡ = 90° F.S. on 188+00 -N.
		2	Y		90 00	Coming In.
		3	W		89 55	
		4	Y		89 40	
		5	W		89 50	
		6	R	12 11	89 55	
		7	Y		89 45	
		8	W		89 50	
		9	Y		90 05	
		10	W		90 05	
		11	R	12 17	90 00	
		12	Y		90 00	
		13	W		90 05	
		14			[illegible]	
		15	W		89 40	
		16	R	12 22	90 20	
		17	Y		90 00	
		18	W		89 50	
		19	Y		89 55	
		20	W		90 15	
		21	R	12 26	90 05	

Range 192+00 (N)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 8442 Division No. ____ F.B. 1287 Pg. 181
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Kleineck Notes [illegible] Date 10-25-46
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 At	Sight Ch	B.S. #	H.I. Color	F.S. Time	ELEV. Hor. Ang.	Remarks
194+00	188+00	1	R	12 35	90 15	Range Line ∡ = 90° F.S. on 188+00
— N	— N	2	Y		90 00	Going Out. — N.
		3	W		90 15	
		4	Y		90 15	
		5	W		90 15	
		6	R	12 40	89 [illegible]	
		7	Y		90 15	
		8	W		90 [illegible]	
		9	Y		89 [illegible]	
		10	W		89 15	
		11	R	12 52	90 15	
		12	Y		90 15	
		13	W		89 15	
		14	Y		89 [illegible]	
		15	W		90 00	End

Range 194+00 (N)

F.B. 1287 PG. 182 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Heinecke Notes GWK 10-25-46 Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
202-N	N-192	1	R	12:01	61-35	Range 192+00	(N)
		2	Y		61-00		
		3	W		60-00		
		4	Y		58-25		
		5	W		56-30		
		6	R	12:10	54-40		
		7	Y		53-20		
		8	W		50-30		
		9	Y		49-50		
		10	W		47-50		
		11	R	12:15	47-25		
		12	Y		44-40		
		13	W		42-50		
		14	Y		39-50		
		15	W		38-55		
		16	R	12:22	37-50		
		17	Y		34-35		
		18	W		32-30		
		19	Y		32-05		
		20	W		30-10		
		21	R	12:26	28-10	End of line	

Cut in.
192+00 (N)

Profile Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 128 Pg. 183
No. ____ Date ____ Date 19446 Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Kleineck Notes G.O.H. Date 10/25/46
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible]

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
202-N	W-192	1	R	12:32	30-55	Range 194+00	(N)
		2	Y		33-05		
		3	W		36-40		
		4	Y		37-45		
		5	W		41-50		
		6	R	12:38	45-30		
		7	Y		51-40		
		8	W		53-35		
		9	Y		~~55~~ 55-55	Doubtful of color	
		10	W		58-35		
		11	R	12:50	60-10		
		12	Y		61-10		
		13	W		63-45		
		14	Y		64-40		
		15	W		67-00	End of line	
		~~16~~	~~R~~				
		~~17~~	~~Y~~				
		~~18~~	~~W~~				
		~~19~~	~~Y~~				
		~~20~~	~~W~~				
		~~21~~	~~R~~				

Cut in 194+00 (N)

F.B. 287 PG. 184

Job No. 8417 Division No. ____ Notes Red ____ Plotted H.U.M.H. No. ____ Profile

Survey of Beach Erosion Date ____ Date 1946 X-Sec.

Survey by Fleming Notes GOH 10-25-'46 Notes Chkd ____ Checked ____ No. ____

Indexed A. O. Johnson Date ____ Date ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Colo.	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht Tide	Adj. Depth	Remarks
1	R	12 08	[illegible]	28.5	3.1	25.4	RANGE 192+00 (N)
2			27-28	27.3		24.2	GOING IN
3			26-27.5	26.5	3.0	23.5	
4			25-26.5	25.6		22.6	
5			24-25.5	24.5		21.5	
6	R	12 12	23-24.5	23.5	2.9	20.6	
7			22-23.5	22.6		19.7	
8			21-22.5	21.6		18.7	
9			20-23	21.0		18.1	
10			19-20.5	19.5		16.6	
11	R	12 17	18-19.5	18.5	2.8	15.7	
12			17-18.3	17.4		14.6	
13			16-17	16.3		13.5	
14			15-16	15.3	2.7	12.6	
15			14-15.5	14.5		11.8	
16	R	12 23	13-14	13.3	2.6	10.7	
17			12-14	12.7		10.1	
18			11-12	11.3		8.9	
19			10-11	10.3		7.7	
20	W		9-11	9.7		7.1	
21	R	12 27	8-9	8.3	2.5	5.8	END OF LINE.

Boat. 192+00 (N)

Profile No. ____ Notes Red. JBL Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1289 PG. 185
Date 11-13-46 Date 1946 Survey of Beach Erosion
X-Sec. No. ____ Notes Chkd. LWR Checked ____ Survey by Klemeck Notes D.S. Date 10-25-46
Date 11-20-46 Date ____ Map No. ____ Indexed C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	Meas. Depth	F. S. Botom	Ht. Tide	Adj. Depth		Remarks
1		12 34	8-9	8 3	2 1	5.9		Range 194+00 (N)
2			9.2-11.3	9 9		7.5		Going out
3			12-13.3	12 4		10.0		
4			13-13	13 3		10.9		
5			14-14.5	14 2		11.8		
6		12 39	17-17	17 0	2 3	14.7		
7			19-19.5	19 2		16.9		
8			20-21	20 3	2 2	18.1		
9			21-22	21 3		19.1		
10			22-23.3	22 4		20.2		
11		12 40	23-24.3	23 4	2 1	21.3		
12			24-24.7	24 2		22.1		
13			24.5-25	25 0		22.9		
14			26-27	26 3		24.2		
15			27-27.3	27 4		25.3		

Boat 194+00 (N)

F.B/287 Pg. 186

Job No. 8412 Division No. ____ Notes Red. [illegible] Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 11-13-46 Date 1946 No. ____ X-Sec.

Survey by Blemeck Notes D.S. 13-25-26 Notes Chkd. LCW Checked ____ No. ____

Indexed A. O. Johnson Date ____ Date 11-20-46 Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang	Remarks	
196+00 -(N)	N-10	1	R	859	9015	Range Line ∡=90° F.S. on N-10	
		2	Y		8950	Coming In.	
		3	W		8945		
		4	Y		8945		
		5	W		9010		
		6	R	908	8950		
		7	Y		8950		
		8	W		9005		
		9	Y		8940		
		10	W		8945		
		11	R	917	9000		
		12	Y		9005		
		13	W		9000		
		14	Y		9000		
		15	W		8950		
		16	R	921	9000		
		17	Y		8955		
		~~18~~	~~W~~		~~9005~~	out.	
		19	Y		9000		

Range 196+00 (N)

Profile No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8417 Division No. ____ F.B. 1287 PG. 187

X-Sec. No. ____ Date ____ Notes Chkd ____ Checked ____ Date 1946 Survey of Beach Erosion

Survey by Meneck Notes Gulf Date 10-28-46

Map No. ____ Date ____ Indexed ____ C. Johnson

F.B. 1289 PG. 188

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

Profile No. _____

Survey of _____ Date _____ Date _____

X-Sec. No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____

Indexed A. C. Johnson Date _____ Date _____ Date _____

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At.	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks.
208+00 -(N)	196+00 (N)	1	R	900	5655	Range 196+00 (N)
		2	Y		5600	
		3	W		5435	
		4	Y		5200	
		5	W		4950	
		6	R	909	4720	
		7	Y		4350	
		8	W		3945	
		9	Y		3700	
		10	W		3330	
		11	R	918	3205	
		12	Y		3130	
		13	W		3010	
		14	Y		2745	
		15	W		2535	
		16	R	922	2440	
		17	Y		2100	
		18	W			Out.
		19	Y		1830	End on line.

Cut in 196+00 (N)

Profile Notes Red. Plotted H. U. M. H. Job No. 8412 Division No.
No. Date Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd. Checked Survey by Flemeck Notes DS Date 10-28-46
No. Date Date Map No. Indexed A. O. Yeb Date

F.B. 1287 PG. 189

F.B. 1287 PG. 190

Job No. _____ Division No. _____ Notes Red. _____ Plotted H. U. M. H.

Profile No. _____

Survey of _____ Date _____ Date _____

X-Sec.

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____

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

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

FORM 7 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____ Notes Red ____ Date 11-13-46 Plotted H.U.M.H. Date ____ Job No. Fw 2 Division No. ____ Survey of Beach Erosion Survey by Hamer & Notes Gott Date 10-26-46 Notes Chkd. LWC Checked ____ Date 11-19-46 Date ____ Map No. ____ Indexed ____

F.B./Pg. 191

STATION #	Color	Time	Meas. Depth	Bottom	Tide	Adj. Depth	Remarks
1	R	859	30.0-31.1	30 4	5 6	24.8	Range 196+00 (N)
2	Y		29.0-30.5	29 5		23.9	Going in.
3	W		28.0-29.8	28 6		23.0	
4	Y		27.0-29.0	27 7		22.1	
5	W		26.0-28.1	26 9		21.3	
6	R	907	24.5-27.0	25 3	5 6	19.7	
7	Y		23.0-25.2	23 7		18.1	
8	W		22.0-24.5	22 8		17.2	
9	Y		21.0-22.5	21 5		15.9	
10	W		20.0-21.8	20 6		15.0	
11	R	916	19.0-20.3	19 4	5 6	13.8	
12	Y		18.0-19.7	18 6		13.0	
13	W		17.0-18.3	17 4		11.8	
14	Y		16.0-18.0	16 7		11.1	
15	W		15.0-17.0	15 7		10.1	
16	R	921	13.0-16.0	14 0	5 6	8.4	
17	Y		12.0-13.8	12 6		7.0	
~~18~~	~~W~~		~~10.5-11.0~~	(out)			
19	Y		9.7-12.0	10.5		4.9	End of line.

Boat
196+00 (N)

F.B. 128 PG. 192 | Job No. | Division No. | Notes Red. | Plotted H. U. M. H. | Profile

Survey of | Date | Date 1/9/46. | No.

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

Indexed J. Johnson | Date | Date | Date | No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

STATION	B.S.	Meas.	F.S.	Elev.	Adj. Depth	Remarks
Color	Time	Depth	Botom	Tide		

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
198 +00 -N	N-10	1	R	9 39	90 20	Range Line ∡ = 90° F.S. on N-10 Coming In.
		2	Y		90 20	
		3	W		90 15	
		4	Y		90 10	
		5	W		90 00	
		6	R	9 49	89 45	
		7	Y		90 05	
		8	W		90 05	
		9	Y		90 00	
		10	W		90 00	
		11	R	9 57	90 10	
		12	Y		89 45	
		13	W		90 00	
		14	Y		89 50	
		15	W		89 55	
		16	R	10 01	89 50	
		17	Y		90 00	
		18	W		91 00	
		19	Y		89 30	
		20	W		89 50	End

Range 198+00 (N)

Profile No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 847 Division No. ____ F.B. 128 PG. 193
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date 1946 Checked ____ Survey of Beach Erosion Survey by Kennedy Notes G.W.K. Date 10-28-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
200+00 -N	N-10	1	R	10 18	90 15	Range Line ∡ = 90° F.S. on "N-10" coming in.
		2	Y		89 40	
		3	W		89 50	
		4	Y		89 40	
		5	W		89 40	
		6	R	10 29	89 40	
		7	Y		90 00	
		8	W		89 55	
		9	Y		89 40	
		10	W		89 40	
		11	R	10 36	89 35	
		12	Y		89 50	
		13	W		89 20	
		14	Y		89 30	
		15	W		90 05	
		16	R	10 40	90 00	
		17	Y		90 00	
		18	W		90 00	
		19	Y		90 00	
		20	W		89 55	End

Range 200+00 (N)

F.B. 1287 PG. 194 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 1946 No. X-Sec.
Survey by Hemeck Notes GWH 10-28-46 Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
[illegible] -N	196+00	1	R	9:40	62-30	RANGE 198+00 (N)
		2	Y		60-55	
		3	W		58-35	
		4	Y		57-20	
		5	W		54-05	
		6	R	9 50	51-35	
		7	Y		49-00	
		8	W		47-00	
		9	Y		43-10	
		10	W		40-05	
		11	R	9 58	37-45	
		12	Y		35-25	
		13	W		33-50	
		14	Y		31-00	
		15	W		28-25	
		16	R	10 02	27-40	
		17	Y		25-20	
		18	W		24-00	
		19	Y		22-30	
		20	W		21-00	END OF LINE

Cut in 198+00(N)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1287 PG. 195
X-Sec. No. ____ Date ____ Date 1946. Survey of BEACH EROSION
Notes Chkd ____ Checked ____ Survey by KUSINECK Notes D.S. Date 10-28-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
[illegible] -N	196+00	1	R	10 20	66-55	RANGE 200+00 (N)
		2	Y		65-15	
		3	W		64-45	
		4	Y		62-[illegible]0	
		5	W		57-30	
		6	R	10 30	55-15	
		7	Y		54-05	
		8	W		51-05	
		9	Y		47-55	
		10	W		45-15	
		11	R	10 37	43-20	
		12	Y		41-45	
		13	W		40-10	
		14	Y		38-[illegible]0	
		15	W		35-[illegible]0	
		16	R	10 41	32-40	
		17	Y		30-[illegible]	
		18	W		27-35	
		19	Y		26-[illegible]0	
		20	W		25-35	END OF LINE

Cut in 200+00 (N)

F.B. 1287 PG. 196

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of BEACH EROSION Date 1946 No.

Survey by KLEINECK Notes D.S. 10-28-46 Notes Chkd. Checked X-Sec.

Indexed C. Johnson Date Date No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ Notes Red. ____ Date 11-13-46 Plotted H.U.M.H. Date 19 46 Job No. 8412 Division No. ____
X:Sec. ____ Notes Chkd. ____ Date 11-19-46 Checked ____ Date ____ Survey of Beach Erosion Survey by Mariner Map No. ____ Indexed ____ Notes 5 pgs. Date 10-28-46
F.B. 128 PG. 197

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	9:~~24~~ 39	30.0-32.0	30 7	5 6	25.1	Range 198+00(N)
2	Y		29.0-31.0	29 7		24.1	Going In.
3	W		28.0-30.0	28 7		23.1	
4	Y		27.0-29.0	27 7		22.1	
5	W		26.0-27.8	26 6		21.0	
6	R	9:~~37~~ 49	25.0-26.6	25 5	5 7	19.8	
7	Y		24.0-26.5	24 8		19.1	
8	W		23.0-25.2	23 7		18.0	
9	Y		22.0-24.8	22 9		17.2	
10	W		21.0-23.3	21 8		16.1	
11	R	9:~~45~~ 57	20.0-22.2	20 7	5 7	15.0	
12	Y		18.6-20.0	19 1		13.4	
13	W		17.0-18.6	17 5		11.8	
14	Y		16.0-18.1	16 7		11.0	
15	W	10 01	15.0-16.7	15 6		9.9	
16	R	~~9:49~~	14.0-16.0	14 7	5 7	9.0	
17	Y		13.0-15.0	13 7		8.0	
18	W		12.0-14.6	12 9		7.2	
19	Y		11.0-13.0	11 7		6.0	
20	W		9.5-11.5	10 2		4.5	End of line

Boat 198+00 (N)

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	10:~~06~~ 18	30.0 32.1	30.7	5.6	25.1	Range 200+00 (N)
2	Y		29.0 31.5	29.8		24.2	Going in
3	W		28.0 30.6	28.9		23.3	
4	Y		27.0 28.8	27.6		22.0	
5	W		26.0 28.5	26.8		21.2	
6	R	10:~~17~~ 29	25.0 27.0	25.7	5.6	20.1	
7	Y		24.0 26.0	24.7		19.1	
8	W		23.0 25.1	23.7		18.1	
9	Y		22.0 24.1	22.7		17.1	
10	W		20.5 23.0	21.3		15.7	
11	R	10:~~25~~ 37	19.5 21.2	20.1	5.6	14.5	
12	Y		18.5 20.5	19.2		13.6	Boat 200+00 (N)
13	W		17.5 19.8	18.3		12.7	
14	Y		16.5 18.5	17.2		11.6	
15	W		15.5 17.0	16.0		10.4	
16	R	10:~~29~~ 41	14.0 16.0	14.7	5.6	9.1	
17	Y		13.0 15.2	13.7		8.1	
18	W		11.5 13.5	12.2		6.6	
19	Y		10.5 12.3	11.1		5.5	
20	W		9.3 12.0	10.2		4.6	End of line

F.B. 128 PG. 198 Job No. 8417 Division No. Notes Red. Date 11-13-46 Plotted H.U.M.H. Date 1946 Profile No. X-Sec. No.
Survey of Beach Erosion Notes Chkd. Date 11-19-46 Checked Date
Survey by Blanck Notes GOA 10-28-46
Indexed C. Johnson Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
202 +00 -N	N-10	1	R	1057	8950	Range Line ∡ = 90° F.S. on "N-10"
		2	Y		8940	
		3	W		8950	
		4	Y		8945	
		5	W		8955	
		6	R	1106	8940	
		7	Y		8940	
		8	W		8945	
		9	Y		8950	
		10	W		8955	
		11	R	1112	8945	
		12	Y		9000	
		13	W		8955	
		14	Y		8955	
		15	W		8945	
		16	R	1115	9000	
		17	Y		9000	
		18	W		9020	
		19	Y		9015	
		20	W		9040	End.

Range 202+00 (N)

Profile No. ____ Date ____ Notes Red. ____ Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by Wlemeck Notes Bunk Date 10-28-46 Map No. ____ Indexed ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ X-Sec. No. ____ Date ____

F.B. 1287 PG. 199

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
204 +00 -N	"N-10"	1	R	711	9000	Range Line ∡ = 90° F.S. on "N-10"
		2	Y		9005	Coming in.
		3	W		9010	
		4	Y		9010	
		5	W		8945	
		6	R	728	8955	
		7	Y		9000	
		8	W		8955	
		9	Y		9000	
		10	W		9000	
		11	R	733	8955	
		12	Y		8955	
		13	W		9010	
		14	Y		9000	
		15	W		9000	
		16	R	738	9000	
		17	Y		9000	
		18	W		9020	End.

Range 204 +00 (N)

F.B. 1287 PG. 200 Job No. 8412 Division No. Notes Red. Plotted H. U. M. H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Kleinert Notes Sink 10-21-46 Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
[illegible]	[illegible]+00	1	[illegible]	[illegible]	61-20	RANGE 202+00 (N)
		2	Y		60-30	
		3	W		57-50	
		4	Y		56-50	
		5	W		5[illegible]-45	
		6	R	[illegible] 07	50-10	
		7	Y		46-00	
		8	W		44-45	
		9	Y		40-55	
		10	W		38-20	
		11	R	[illegible] 13	36-20	
		12	Y		35-25	
		13	W		33-30	
		14	Y		30-50	
		15	W		2[illegible]-05	
		16	R	[illegible] 16	26-20	
		17	Y		24-30	
		18	W		23-30	
		19	Y		21-50	
		20	W		20-15	END OF LINE.

Profile Notes Red ____ Plotted H. U. M. H. Job No. 2412 Division No. ____ F.B. 1287 Pg. 201
No. ____ Date ____ Date 1946 Survey of REACH EROSION
X-Sec. Notes Chkd. ____ Checked ____ Survey by KLEINECK Notes D.S. Date 10-28-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Johnson

Cut in 202+00 (N)

F.B. 1287 PG. 202 | Job No. 8412 | Division No. | Notes Red. | Plotted H. U. M. H. | Profile

Survey of | Date | Date 1946 | No.

Survey by | Notes 10 29- | Notes Chkd. | Checked | X-Sec.

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

Cut in
204+00 (N)

STATION	B.S.	H.I.	F.S.	ELEV.	Remarks
At Light					
On #					
Color					
Time					
Hor. Ang.					204+00 (N)

FORM 307 BM 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks
1	R	10:~~45~~ 57	30.1-31.6	30.6	5.5	25.1		202+00 (N)(RANGE)
2	Y		29.0-31.0	29.7		24.2	Going in.	
3	W		28.0-30.0	28.7		23.2		
4	Y		27.0-29.0	27.7		22.2		
5	W		26.0-28.1	26.7		21.2		
6	R	11:05 ~~10:53~~	25.0-27.8	25.9	5.4	20.5		
7	Y		24.0-26.2	24.7		19.3		
8	W		23.0-25.6	23.9		18.5		
9	Y		22.0-24.0	22.7		17.3		
10	W		21.0-23.0	21.7		16.3		
11	R	11:~~00~~ 12	19.5-21.5	20.2	5.4	14.8		
12	Y		18.5-20.8	19.3		13.9		
13	W		17.5-20.0	18.3		12.9		
14	Y		16.0-18.0	16.7		11.3		
15	W		14.0-16.6	14.9		9.5		
16	R	11:~~03~~ 15	13.5-15.2	14.1	5.3	8.8		
17	Y		12.5-15.0	13.3		8.0		
18	W		11.5-13.5	12.2		6.9		
19	Y		10.1-13.0	11.1		5.8		
20	W		9.1-11.8	10.0		4.7	End of line	

Boat 202+00 (N)

Profile No. ____ Notes Red. [illegible] Date 11-13-46 Plotted H. U. M. H. Date 1946 Job No. 2412 Division No. ____ Survey of Beach Erosion

X:Sec. No. ____ Notes Chkd. [illegible] Date 11-19-46 Checked ____ Date ____ Survey by Klemmer Notes GOH Date 10-28-46 Map No. ____ Indexed ____ Date ____

F.B. 1287 PG. 203

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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. 128 PG. 204
Survey of Beach Erosion
Survey by Kennack
Indexed by C. Johnson

Job No. Sur. Division No. GOH 12/29/4
Notes
Date

Profile No.
X-Sec. No.

Plotted H.U.M.H. Date 1946
Checked Law
Date 11-19-46

Notes Red. Date 11-13-46
Notes Chkd.
Date

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	7:15	28.0-29.9	28 6/	4 1/	24.5	Range 204+00 (N)
2	Y		26.8-28.6	27 4/		23.3	Going in
3	W		25.7-27.1	26 2/		22.1	
4	Y		24.5-26.3	25 1/		21.0	
5	W		23.0-25.0	23 2/		19.6	
6	R	7:29	22.0-24.3	22 8/	4 2/	18.6	
7	Y		21.0-23.1	21 2/		17.5	
8	W		20.0-22.0	20 1/		16.5	
9	Y		19.0-20.6	19 5/		15.3	
10	W		18.0-19.8	18 6/		14.4	
11	R	7:33	17.0-18.6	17 5/	4 2/	13.3	
12	Y		16.0-17.3	16 4/		12.2	
13	W		14.8-16.6	15 4/		11.2	
14	Y		13.6-15.8	14 3/		10.1	
15	W		12.3-14.1	12 2/		8.7	
16	R	7:39	11.0-13.0	11 2/	4 3/	7.4	Boat 204+00 (N)
17	Y		9.1-11.1	9 8/		5.5	
18	W		7.1-8.7	7 6/		3.3	End of line
~~19~~	~~Y~~						
~~20~~	~~W~~						

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
206+00 -N	"N-10"	1	R	748	9015	Range Line ∠ = 90° F.S. on "N-10"
		2	Y		8950	Going out
		3	W		9020	
		4	Y		8910	
		5	W		9010	
		6	R	753	8945	
		7	Y		8950	
		8	W		9000	
		9	Y		8950	
		10	W		9000	
		11	R	758	8955	
		12	Y		8955	
		13	W		8950	
		14	Y		8950	
		15	W		9000	
		16	R	810	8950	
		17	Y		9000	End.

Range 206+00 (N)

Profile No. ____ Date ____ Notes Red. ____ Plotted H.U.M.H. Date 1946 Job No. 8413 Division No. ____ F.B. 128 Pg. 205

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of Beach Erosion Survey by Homeck Notes GWK Date 10-29-46

Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
208 +00 -N	"N-10"	1	R	826	90 00	Range Line ∡ = 90° F.S. on "N-10"
		2	Y		89 45	Coming in.
		3	W		90 05	
		4	Y		90 25	
		5	W		89 55	
		6	R	843	90 00	
		7	Y		90 00	
		8	W		90 05	
		9	Y		89 40	
		10	W		89 50	
		11	R	850	90 15	
		12	Y		90 00	
		13	W		90 00	
		14	Y		90 00	
		15	W		90 00	
		16	R	854	90 00	End.

Range 208+00 (N)

F.B. 128 PG. 206
Job No. 8412 Division No. Notes Red Plotted H.U.M.H. Profile
Survey of Beach Erosion Date 1946. No.
Survey by Element Notes GWK 10-29-46 Notes Chkd Checked X-Sec.
Indexed S. Johnson Date Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
	N-10	1		7		
		2				
		3				
		4				
		5				
		6				
		7				
		8				
		9				
		10		7 52	138-20	
		11				
		12				
		13				
		14				
		15				
		16				
		17				

Cut 1.0
206+00 (N)

Profile No.____ Notes Red____ Plotted H.U.M.H. Job No.____ Division No.____ F.B. 128 PG. 207
X-Sec. No.____ Date____ Date 1946 Survey of____
Notes Chkd____ Checked____ Survey by____ Notes____ Date 1-29-46
Date____ Date____ Map No.____ Indexed____ Date____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
196+00 N	11-10	1	R	8:26	[illegible]	RANGE 208+00 (N)
		2	Y		[illegible]	
		3	W		130-55	
		4	Y		134-35	
		5	W		138-50	
		6	R	8:43	140-55	
		7	Y		145-55	
		8	W		14[illegible]-10	
		9	Y		150-10	
		10	W		151-40	
		11	R	8:50	15[illegible]-35	
		12	Y		154-35	
		13	W		157-10	
		14	Y		159-40	
		15	W		161-[illegible]	
		16	R	8:55	161-[illegible]	END OF LINE.

Cut in 208+00 (N)

F.B. 1287 Pg. 208

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

Survey of [illegible] Date [illegible] Date [illegible] No. [illegible] X-Sec.

Survey by [illegible] Notes [illegible] Notes Chkd. [illegible] Checked [illegible]

Indexed A. C. Johnson Date [illegible] Date [illegible] Date [illegible] No. [illegible]

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	7:47	8.0 - 9.8	8 6	4 4	4.2	Range 206+00 (N)
2	Y		10.0 - 11.8	10 5		6.2	Going Out
3	W		12.3 - 14.1	12 9		8.5	
4	Y		13.3 - 15.0	13 9		9.5	
5	W		14.0 - 15.6	14 ~~8~~ 5		10 ~~8~~ 1	
6	R	7:51	15.2 - 16.2	15 5	4 4	11.1	
7	Y		16.2 - 18.2	16 9		12.5	
8	W		17.0 - 19.0	17 2		13.3	
9	Y		18.6 - 20.1	19 1		14.7	
10	W		20.5 - 22.3	21 1		16.7	
11	R	7:59	21.8 - 23.6	22 4	4 5	17.9	
12	Y		22.8 - 24.2	23 3		18.8	
13	W		24.0 - 25.3	24 4		19.9	
14	Y		25.0 - 26.5	25 5		21.0	
15	W		26.5 - 28.0	27 0		22.5	
16	R	8:09	27.6 - 29.5	28 2	4 6	23.6	
17	Y		28.6 - 29.9	29 0		24.4	End of line
~~18~~	~~W~~						
~~19~~	~~Y~~						
~~20~~	~~W~~						

Boat
206+00 (N)

Profile No. _____ Notes Red. RF Date 11/3/46 Plotted H.U.M.H. Date 10/10/46 Job No. 54 Division No. _____
X-Sec. No. _____ Notes Chkd. LOW Date 11-19-46 Checked _____ Date _____ Survey of Beach Erosion Survey by Blanco Notes GOH Date 10/29/46
Map No. _____ Indexed C. Johnson

F.B. 128 Pg. 204

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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. 1089 PG. 210
Survey of Beach Erosion
Survey by Klimack
Indexed by C. Johnson
Job No. 6412 Division No. G.O.H. 10/29/46
Notes Date
Notes Red. Date 11-12-46
Notes Chkd. Date: 11-19-46
Plotted H.U.M.H. Date 11/16
Checked Date
Profile No.
X-Sec. No.

STATION #	Color	Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	8:26	28.4-30.0	28½	1 7/10	24.2	Range 208+00 (N)
2	Y		27.2-28.8	27½		23.0	Going in.
3	W		26.0-27.8	26½		21.9	
4	Y		25.0-27.0	25½		21.0	
5	W		23.8-25.8	24½		19.8	
6	R	8:43	22.5-24.0	23½	1 8/10	18.2	
7	Y		21.0-23.0	21½		16.9	
8	W		19.8-21.8	20½		15.7	
9	Y		18.8-20.2	19½		14.5	
10	W		17.7-19.2	18½		13.4	
11	R	8:50	16.5-18.6	17½	4 9/10	12.3	
12	Y		15.4-17.2	16½		11.1	
13	W		14.0-15.5	14½		9.6	
14	Y		12.0-14.8	12½		8.0	
15	W		10.3-13.6	11½		6.5	
16	R	8:54	10.0-12.0	10½	5 0/10	5.7	End of line
~~17~~	~~Y~~						
~~18~~	~~W~~						
~~19~~	~~Y~~						
~~20~~	~~W~~						

Boat 208+00

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
210 +00 -N	"N-10"	1	R	9 05	90 00	Range Line ∡ = 90° F.S. on "N-10"
		2	Y		90 00	Going Out
		3	W		90 10	
		4	Y		90 15	
		5	W		90 20	
		6	R	9 10	90 05	
		7	Y		90 00	
		8	W		90 15	
		9	Y		90 50	
		10	W		90 05	
		11	R	9 17	90 25	
		12	Y		90 05	
		13	W		89 55	
		14	Y		90 10	
		15	W		90 05	
		16	R	9 33	90 05	

Range 210+00 (N)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 128 PG. 211
X-Sec. No. ____ Date ____ Date 19 46 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Meinert Notes GWK Date 10-29-'46
Date ____ Date ____ Map No. ____ Indexed C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B.S. #	H.I. Color	F.S. Time	ELEV. Hor. Ang.	Remarks
212+00 -N	"N-10"	1	R	942	90 10	Note:- This sta. set on a prod.
		2	Y		90 05	of back tangent (to the north)
		3	W		90 00	with range ∡ = 90°, foresighting
		4	Y		90 10	on "N-10"
		5	W		90 00	
		6	R	1002	89 40	
		7	Y		89 55	
		8	W		89 55	
		9	Y		89 50	
		10	W		89 55	
		11	R	1006	90 00	
		12	Y		90 15	
		13	W		90 00	
		14	Y		90 15	
		15	W		89 50	
		16	R	1010	90 00	
		17	Y		90 15	
		18	W		90 25	
		19	Y		89 25	
		20	W		90 00	End

Range 212+00(N)

F.B. 1287 Pg. 212

Job No. 8412 Division No. Notes Red Plotted H.U.M.H. Profile

Survey of Beach Erosion Date Date 1946 No. X-Sec.

Survey by Moineck Notes GWK 10-29-46 Notes Chkd. Checked No.

Indexed C. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
			R	9:05	164-15	[illegible]
					[illegible]	
					162-25	
					[illegible]	
					158-10	
			R	9:10	156-20	
					154-50	
					152-45	
					147-25	
					148-10	
			R	9:17	146-15	
					141-50	
					138-15	
					135-40	
					131-20	
			R	9:33	127-50	END OF LINE.

Cut in 210+00(N)

Profile Notes Red ____ Plotted H.U.M.H. Job No. [illegible] Division No. ____ F.B. 128 PG. 213
No. ____ Date ____ Date 1946 Survey of [illegible]
X-Sec. Notes Chkd ____ Checked ____ Survey by [illegible] Notes [illegible] Date 10-29-46
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
204+00 -N	[illegible]	1		9:42	112-20	RANGE 212+00 (N)
		2			115-00	
		3			118-55	
		4			12[illegible]-50	
		5			128-40	
		6	R	10:02	132-35	
		7			13[illegible]-50	
		8			13[illegible]-05	
		9			13[illegible]-05	
		10			139-[illegible]	
		11		10:06	141-05	
		12			14[illegible]-50	
		13			14[illegible]-50	
		14			14[illegible]	
		15			14[illegible]	
		16		10:10	15[illegible]-30	
		17			151-30	
		18			152-[illegible]	
		19			15[illegible]-00	
		20	W		15[illegible]	END OF LINE.

Cut in 212+00 (N)

F.B. 1287 PG. 214

Job No. 8412 Division No. Notes Red. Plotted H. U. M. H. Profile

Survey of [illegible] Date 1946 No. X-Sec.

Survey by [illegible] Notes [illegible] 10-29-46 Notes Chkd. Checked No.

Indexed A. O. Johnson Date Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	*	Remarks
1	R	9:06	9.8 - 12.8	10 8	5 1	5.7		Range 210+00 (N)
2	Y		11.2 - 12.6	11.7		6.6		Going Out.
3	W		12.3 - 14.0	12 9		7.8		
4	Y		14.3 - 15.8	14 8		9.7		
5	W		15.3 - 17.5	16 0		11.9		
6	R	9:10	16.7 - 18.2	17 2	5 1	12.1		
7	Y		17.9 - 19.0	18 3		13.2		
8	W		19.5 - 20.7	19 9		14.8		
9	Y		21.7 - 23.3	22 2		17.1		
10	W		22.8 - 24.0	23 2		18.1		
11	R	9:17	23.8 - 25.1	24 2	5 1	19.1		
12	Y		24.8 - 26.8	25 5		20.4		
13	W		25.8 - 27.3	26 3		21.2		
14	Y		26.9 - 28.3	27 4		22.3		
15	W		28.1 - 29.2	28 5		23.4		
16	R	9:33	29.4 - 31.1	30 0	5 2	24.8		End of line
17	Y							
18	W							
19	Y							
20	W							

Boat. 210+00 (N)

Profile No. ____ Notes Red. [illegible] Date 11-13-46 Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by Kleineck Notes G.O.H. Date 10/29/46 F.B. 1287 PG. 215

X:Sec. No. ____ Notes Chkd. [illegible] Date 11-19-46 Checked ____ Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	9:41	29.8 - 31.0	30 2	5 2	25.0	Range 212+00 (N) Going In.
2	Y		28.8 - 30.1	29 2		24.0	
3	W		26.8 - 28.8	27 5		22.3	
4	Y		25.3 - 27.6	26 1		20.9	
5	W		24.0 - 25.9	24 6		19.4	
6	R	10:02	23.0 - 24.5	23 5	5 3	18.2	
7	Y		22.0 - 23.7	22 6		17.3	
8	W		21.0 - 22.6	21 5		16.2	
9	Y		20.0 - 21.4	20 5		15.2	
10	W		19.0 - 20.5	19 5		14.2	
11	R	10:06	17.8 - 20.3	18 6	5 3	13.3	
12	Y		17.0 - 18.7	17 6		12.3	
13	W		16.0 - 17.5	16 5		11.2	
14	Y		15.0 - 16.8	15 6		10.3	
15	W		14.0 - 15.3	14 4		9.1	
16	R	10:10	13.0 - 14.8	13 6	5 3	8.3	Boat 212+00 (N)
17	Y		12.0 - 13.8	12 6		7.3	
18	W		11.0 - 12.3	11 4		6.1	
19	Y		10.0 - 11.2	10 4		5.1	
20	W		8.0 - 10.4	8 8		3.5	End of line

F.B. 1287 PG. 216
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Kleneck Notes G.O.H. 10/29/46
Indexed Date
Notes Red. Date 11/13/46
Notes Chkd. Date 11-19-46
Plotted H.U.M.H. Date 1946
Checked Date
Profile No.
X-Sec. No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
214 +00 -N	213 +00 on 135' offset	1	R	10 29	90 10	Range Line ∡ = 90° F.S. on 213+00 on 135' Offset
		2	Y		90 15	
		3	W		89 45	
* See Note		4	Y		90 00	Note: Inst. on offset line 135' to left of & parallel to Control Line bet. Sta's "N-13" & "N-14"
		5	W		90 10	
		6	R	10 35	90 10	
		7	Y		90 00	
		8	W		89 45	
		9	Y		90 00	
		10	W		89 45	
		11	R	10 48	89 45	
		12	Y		90 15	
		13	W		90 00	
		14	Y		90 25	
		15	W		90 00	
		16	R	11 08	90 05	
		17	Y		89 55	
		18	W		90 00	End.

Range 214+00 (N)

Profile No. ____ Date ____ Notes Red ____ Plotted H. U. M. H. Job No. 842 Division No. ____ F.B. 1287 PG. 217

X-Sec. No. ____ Date ____ Notes Chkd ____ Checked ____ Date 1946 Survey of Beach Erosion Survey by Kleinecke Notes GWK Date 10-29-46

Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
216 +00 -N on 135' offset	214 +00 -N on 135' offset	1	R	11 30	90 30	Range Line ∡ = 90° F.S. on 214+00 on 135' offset
		2	Y		90 00	
		3	W		89 45	
		4	Y		89 45	
		5	W		89 35	
		6	R	11 45	90 10	
		7	Y		90 00	
		8	W		89 50	
		9	Y		89 50	
		10	W		90 00	
		11	R	11 50	89 45	
		12	Y		90 00	
		13	W		89 55	
		14	Y		90 05	
		15	W		90 00	
		16	R	11 52	90 00	
		17	Y		90 05	
		18	W		90 00	End.

Range 216+00 (N)

F.B. 1287 PG. 218 Job No. 8412 Division No. Notes Red. Plotted H. U. M. H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Maneck Notes GWK 1 Aug. 46 Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
204+00 -1	N-10	1		10:29	[illegible]-45	RANGE 214+00 (N)
		2	Y		157-40	
		3	W		157-00	
		4	Y		155-50	
		5	W		154-40	
		6	R	10:35	153-10	
		7	Y		150-10	
		8	W		148-20	
		9	Y		147-05	
		10	W		143-40	
		11	R	10:49	140-50	
		12	Y		137-10	
		13	W		134-30	
		14	Y		131-20	
		15	W		128-25	
		16	R	11:08	125-25	
		17	Y		121-00	
		18	W		119-35	END OF LINE.

Cut in 214+00 (N)

Profile Notes Red ____ Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. 128 PG. 219
No. ____ Date ____ Date 1946 Survey of BEACH EROSION
X-Sec. Notes Chkd ____ Checked ____ Survey by KLEINECK Notes D. S. Date 11-29-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1287 PG. 220

Job No. 8412 Division No. _____ Notes Red. _____ Plotted H.U.M.H. Profile

Survey of BEACH EROSION Date _____ Date 19[illegible] No. _____

Survey by KLEINECK Notes D.S. 10-29-46 Notes Chkd. _____ Checked _____ X-Sec.

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

Cut in
216+00 (N)

STATION Inst. Sight At	On	B.S. #	H.I. Color	F.S. Time	ELEV. Hor. Ang.	Remarks
204+00 N		1	R	11:30	12[illegible]-35	Remarks 216+00 (N)
		2	Y		12[illegible]-45	
		3	W		12[illegible]-30	
		4	Y		13[illegible]-35	
		5	W		13[illegible]-35	
		6	R	11:45	14[illegible]-45	
		7	Y		145-45	
		8	W		14[illegible]-35	
		9	Y		149-45	
		10	W		15[illegible]-25	
		11	R	11:[illegible]	15[illegible]-10	
		12	Y		154-10	
		13	W		155-35	
		14	Y		15[illegible]-15	
		15	W		156-30	
		16	R	11:53	159-35	
		17	Y		161-35	
		18	W		162-0	

END OF LINE.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	10:29	9.-11.3	9	5 3	4.6	Range 214+00 (N)
2	Y		10.2-12.0	10 8		5.5	Going In
3	W		11.-12.5	11 5		6.2	
4	Y		12.-14.0	12 2		7.4	
5	W		13.-14.3	13 4		8.1	
6	R	10:34	14.3-16.3	15 0	5 3	9.7	
7	Y		15.7-17.2	16 2		10.9	
8	W		16.8-18.0	17 2		11.9	
9	Y		17.8-18.8	18 1		12.8	
10	W		20.-22.0	20 2		15.4	
11	R	10:47	21.5-24.0	22 3	5 3	17.0	
12	Y		23.-24.8	23 6		18.3	
13	W		24.-25.8	24 6		19.3	
14	Y		25.1-26.5	25 6		20.3	
15	W		26.0-27.2	26 4		21.1	
16	R	11:09	27.0-28.1	27 4	5 2	22.2	
17	Y		28.0-29.5	28 5		23.3	
18	W		29.0-30.2	29 4		24.2	End of line
~~19~~	~~Y~~						
~~20~~	~~W~~						

Boat 214+00 (N)

Profile No. ____ Notes Red. [illegible] Plotted H.U.M.H. Job No. 5414 Division No. ____ F.B. 1284 PG. 221

X-Sec. No. ____ Date 11-13-46 Date 1946 Survey of Beach Erosion

Notes Chkd. [illegible] Checked ____ Survey by Kleinpeter Notes G.O.H. Date 10/29/46

Date 11-19-46 Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	11:30	29.-30.8	29.6	5.1	24.5	216+00 (N) RANGE
2	Y		28.-30.0	28.7		23.6	Going In
3	W		27.-28.3	27.4	5.0	22.4	
4	Y		25.5-27.0	26.0		21.0	
5	W		24.1-26	24.7		19.7	
6	R	11:46	22.8-24.8	23.5	4.9	18.6	
7	Y		21.8-23.8	22.5		17.6	
8	W		20.7-22	21.1		16.2	
9	Y		19.2-21.1	19.8		14.9	
10	W		18.1-20.0	18.7		13.8	
11	R	11:50	17.-18.7	17.6	4.9	12.7	
12	Y		16.-17.3	16.4		11.5	Boat 216+00 (N)
13	W		15.-16.5	15.5		10.6	
14	Y		14.-15.9	14.6		9.7	
15	W		13-15.1	13.7		8.8	
16	R	11:53	11.8-13.8	12.5	4.8	7.7	
17	Y		10.5-12.3	11.1		6.3	
18	W		9.-10.5	9.5		4.7	End of line
~~19~~	~~Y~~						
~~20~~	~~W~~						

F.B. 1287 PG. 222
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Kleineck Notes G.O.H. 10/29/46
Indexed A. C. Jeans Date
Notes Red. Date 11-13-46
Notes Chkd. Date 11-19-46
Plotted H.U.M.H. Date 1946
Checked Date
Profile No.
X-Sec. No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
218+00 -N on 135' offset	216 +00 -N on 135' offset	1	R	735	90 05	Range Line ∡ = 90° F.S. on 216+00(N) on 135' offset
		2	Y		89 50	
		3	W		90 05	Coming In
		4	Y		89 45	
		5	W		90 15	
		6	R	750	89 55	
		7	Y		90 00	
		8	W		89 50	
		9	Y		90 20	
		10	W		90 00	
		11	R	759	89 55	
		12	Y		90 15	
		13	W		90 20	
		14	Y		90 25	
		15	W		89 45	
		16	R	804	90 20	
		17	Y		90 10	End.

Range 218+00(N)

Profile Notes Red ____ Plotted H.U.M.H. Job No. 842 Division No. ____ F.B. 1287 Pg. 223
No. ____ Date ____ Date 1946 Survey of Beach Erosion
X-Sec. Notes Chkd ____ Checked ____ Survey by Kleinack Notes GWK Date 10.30.46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Job Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
220+00 -N	218 +00 -N	1	R	815	90 10	Range Line ∡ = 90° F.S. on
on	on	2	Y		90 15	218+00(N) on
135'	135'	3	W		90 00	135' Offset.
offset	Offset	4	Y		90 30	Going Out
		5	W		89 50	
		6	R	819	90 25	
		7	Y		90 20	
		8	W		90 20	
		9	Y		90 00	
		10	W		90 20	
		11	R	824	90 10	
		12	Y		90 20	
		13	W		90 15	
		14	Y		90 05	
		15	W		89 45	
		16	R	836	89 55	
		17	Y		89 45	
		18	W		89 55	
		19	Y		89 55	End

Range 220+00(N)

F.B. 1287 PG. 224

Job No. 8442 Division No. Notes Red. Plotted H. U. M. H. Profile

Survey of Beach Erosion Date 1946 No.

Survey by Meineck Notes Gulf 10-30-46 Notes Chkd. Checked X-Sec.

Indexed A. O. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
[illegible] -N	[illegible]	1	R	7:33	111-15	RANGE 218+00 (N)
		2	Y		112-05	
		3	N		114-10	
		4	Y		115-50	
					122-00	
				7:50	125-45	
					131-35	
					134-00	
					136-10	
					137-40	
			R	8:00	140-50	
			Y		142-05	
			N		144-10	
			Y		146-00	
			N		148-20	
			R	8:04	150-40	
			Y		151-40	END OF LINE.

Cut in 218+00 (N)

Profile
No. ____ Date ____ Notes Red ____ Plotted H. U. M. H. Date 1946 Job No. 8[illegible] Division No. ____
X-Sec. Notes Chkd. ____ Checked ____ Survey of BEACH EROSION Survey by [illegible] Notes D.S. Date 11-29-46
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] C. Johnson

F.B. 1289 PG. 225

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
210+00 -N	[illegible]		R	[illegible]	[illegible]	RANGE [illegible]
		[illegible]	[illegible]		[illegible]	
		3	[illegible]		[illegible]	
		4	[illegible]		[illegible]	
		[illegible]	[illegible]		150-00	
		[illegible]	R	8:19	14[illegible]	
		[illegible]	[illegible]		14[illegible]	
			[illegible]		14[illegible]	
					14[illegible]	
			[illegible]		1[illegible]	
			R	8:24	1[illegible]	
		12	[illegible]		137-[illegible]	
		[illegible]	[illegible]		[illegible]	
		14	[illegible]		133-[illegible]	
		[illegible]	[illegible]		12[illegible]	
		[illegible]	R	8:36	12[illegible]	
		[illegible]	[illegible]		121-05	
		[illegible]			118-35	
		19	[illegible]		116-0	END OF LINE.

Cut in 220+00 (N)

F.B. 1287 PG. 226

Job No. 8412 Division No. ____ Notes Red. ____ Plotted U.M.H. Profile

Survey of BEACH EROSION Date ____ Date 1946 No. ____ X-Sec.

Survey by KLEINECK Notes D.S. 10-29-46 Notes Chkd. ____ Checked ____ No. ____

Indexed [illegible] Date ____ Date ____ Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	7:32	28.8 - 30.	29½	4.0	25.2	Range 218+00(N)
2	Y		27.8 - 29.7	28¼		24.4	Going in.
3	W		26.8 - 28.8	27½		23.5	
4	Y		25.7 - 27.5	26¾		22.3	
5	W		24.8 - 26.8	25~~½~~ 25		21.~~8~~5	
6	R	7:49	23.5 - 25.7	24½	4.1	20.1	
7	Y		21.8 - 24.1	22½		18.5	
8	W		20.8 - 22.8	21½		17.4	
9	Y		19.8 - 20.9	20½		16.1	
10	W		18.6 - 20.2	19½		15.0	
11	R	7:59	17. - 18.8	17½	4.2	13.4	
12	Y		16. - 17.8	16½		12.4	
13	W		15. - 16.3	15¼		11.2	
14	Y		14. - 15.1	14¼		10.2	
15	W		12.1 - 14.8	13½		8.8	
16	R	8:02	10.4 - 12.0	10½	4.2	6.7	
17	Y		9.8 - 11.3	10¾		6.1	End of line
~~18~~	~~W~~						
~~19~~	~~Y~~						
~~20~~	~~W~~						

Boat
218+00 (N)

Profile No. ____ Notes Red. ____ Date 11-13-46 Plotted H.U.M.H. Date 11-19-46 Job No. 8443 Division No. ____ F.B. 1237 PG. 227
X-Sec. No. ____ Notes Chkd. Lou Checked Pete Survey of Beach Fish Survey by Kleinas Notes 40 H. Date 10.30.46
Date 11-19-46 Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	8:14	9 - 11	9 7	4 3	5.4	Range 220+00 (N) Going Out.
2	Y		10.5 - 11.8	10 9		6.6	
3	W		12 - 13.5	12 5		8.2	
4	Y		12.8 - 15.0	13 5		9.2	
5	W		14.5 - 16.0	15 0		10.7	
6	R	8:16	15.5 - 17.1	16 0	4 3	11.7	
7	Y		16.7 - 18.0	17 1		12.8	
8	W		17.8 - 19.3	18 3		14.0	
9	Y		18.8 - 20.4	19 3		15.0	
10	W		20 - 21.8	20 6		16.3	
11	R	8:24	21 - 23.1	21 7	4 4	17.3	
12	Y		22.1 - 23.8	22 7		18.3	
13	W		23 - 24.7	23 6		19.2	
14	Y		24 - 25	24 3		19.9	
15	W		25.2 - 26.6	25 7		21.3	
16	R	8:35	26.2 - 28.0	26 8	4 4	22.4	Boat 220+00 (N)
17	Y		27.2 - 28.5	27 6		23.2	
18	W		28.1 - 29.3	28 5		24.1	
19	Y		29.1 - 30.0	29 4		25.0	End of line
~~20~~	~~W~~						

F.B. 1287 PG. 228
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Kleineck Notes GOH 10-30-46
Indexed A. C. Johnson Date
Notes Red. [illegible] Date 11-13-46
Notes Chkd. LCW Date 11-19-46
Plotted H.U.M.H. Date 1946
Checked
Profile No.
X-Sec. No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
222	220	1	R	856	89 40	Range Line ∡ = 90° F.S. on 220+00 -N
+00	+00	2	Y		90 10	on 135' offset
-N	-N	3	W		89 50	Coming In
07	07	4	Y		89 55	
135'	135'	5	W		89 50	
offset	offset	6	R	913	90 10	
		7	Y		90 00	
		8	W		89 45	
		9	Y		89 55	
		10	W		90 00	
		11	R	919	90 00	
		12	Y		90 05	
		13	W		90 00	
		14	Y		90 05	
		15	W		90 05	
		16	R	922	90 00	
		17	Y		90 15	
		18	W		90 00	End.

Range 222+00(N)

Profile No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____ F.B. 1287 Pg. 229

X-Sec. No. ____ Date ____ Notes Chkd ____ Checked ____ Survey of Beach Erosion Survey by Kleinecke Notes Gust Date 10-30-46

Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
224	222	1	R	931	90 10	Range Line ∡=90° F.S. on 222+00
+00	+00	2	Y		89 50	on 135' offset.
-N	-N	3	W		90 25	
on	on	4	Y		89 55	
135'	135'	5	W		90 15	
Offset	Offset	6	R	935	90 10	
		7	Y		90 00	
		8	W		90 00	
		9	Y		89 50	
		10	W		89 50	
		11	R	941	89 45	
		12	Y		90 10	
		13	W		89 50	
		14	Y		89 55	
		15	W		89 55	
		16	R	953	90 00	
		17	Y		89 55	
		18	W		89 20	End

Range 224+00(N)

F.B. 1287 Pg. 230 Job No. 8412 Division No. Notes Red. Plotted U.M.H. Profile
Survey of Beach Erosion Date Date 1946 No. X-Sec.
Survey by Kleinecke Notes GWK 10-30-'46 Notes Chkd. Checked No.
Indexed A. S. Johnson Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
[illegible]	N-10	1	R	8:56	120-20	RANGE 222+00
		2	Y		123-45	
		3	[illegible]		125-30	
		4	Y		129-05	
		[illegible]	[illegible]		135-50	
			R	9:13	139-05	
		[illegible]	[illegible]		141-55	
		[illegible]	[illegible]		144-55	
		[illegible]	[illegible]		146-25	
		[illegible]	[illegible]		147-50	
		[illegible]	R	9:19	149-45	
		12	[illegible]		151-55	
		[illegible]	[illegible]		153-10	
		14	[illegible]		155-20	
		[illegible]	[illegible]		157-2[illegible]	
		16	[illegible]	9:22	158-05	
		[illegible]	[illegible]		159-00	
		18	[illegible]		160-40	END OF LINE.

Profile No. ____ Notes Red ____ Plotted I. U. M. H. Job No. 8412 Division No. ____ F.B. 128 PG. 231

X-Sec. No. ____ Date ____ Date 1946 Survey of BEACH ERO[illegible]

Notes Chkd ____ Checked ____ Survey by ALCINECK Notes D.S. Date 10-29-46

Date ____ Date ____ Map No. ____ Indexed [illegible] Job Date ____

Cut in 222+00(N)

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
210+0[illegible]	[illegible]		R	9:3[illegible]	163-10	RANGE 224+00 (N)
					[illegible]	
					16[illegible]-[illegible]5	
		4	Y		160-30	
		5			15[illegible]-50	
		6	R	9:35	15[illegible]-55	
		7			15[illegible]-[illegible]5	
		8			15[illegible]-30	
		9			15[illegible]	
					15[illegible]-[illegible]5	
			R	9:41	14[illegible]-50	
					14[illegible]	
					14[illegible]-[illegible]5	
		14			14[illegible]-40	
		15			136-[illegible]0	
		16	R	9:53	13[illegible]-[illegible]5	
		17	Y		12[illegible]	
		18	[illegible]		124-[illegible]5	END OF LINE.

Cut in 224+00 (N)

Profile
X-Sec.
Plotted H. U. M. H. No.
Date 1946
Checked No.
Date
Notes Red
Date
Notes Chkd
Date
Division No.
Job No. 8412
Survey of BEACH EROSION
Survey by ALFINECK
Notes D.S. 10-29-46
Indexed S. Johnson
Date

B/287 Pg. 232

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	8:55	29.-30.8	29.6	4.5	25.1	Range 222+00 (N) Going In.
2	Y		28.-29.7	28.6		24.1	
3	W		27.-29.1	27.7		23.2	
4	Y		26.-28.1	26.7		22.2	
5	W		25.-26.3	25.4		20.9	
6	R	9:13	24.-26.	24.7	4.6	20.1	
7	Y		23.-25.	23.7		19.1	
8	W		22.-24.	22.7		18.1	
9	Y		21.-26.?	22.7		18.1 ??	
10	W		19.8-21.8	20.5		15.9	
11	R	9:17	18.8-20.6	19.4	4.7	14.7	
12	Y		17.2-20.0	18.1		13.4	
13	W		16.-18.	16.7		12.0	
14	Y		14.8-16.8	15.5		10.8	
15	W		13.8-15.1	14.2		9.5	
16	R	9:21	12.5-14.9	13.3	4.7	8.6	
17	Y		11.4-12.7	11.8		7.1	
18	W		9.5-11.8	10.3		5.6	End of line
~~19~~	~~Y~~						
~~20~~	~~W~~						

Boat 222+00 (N)

Profile No. ____ Notes Red. [illegible] Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1289 Pg. 23
Date 11-13-46 Date 1946 Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. [illegible] Checked ____ Survey by Kleinecke Notes G.O.H. Date 10/30/46
Date 11-19-46 Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	9:30	9.5 - 11.7	10.2	4.7	5.5	Range 224+00 (N)
2	Y		10.8 - 12.6	11.4		6.7	Going Out.
3	W		11.9 - 13.5	12.4		7.7	
4	Y		12.9 - 14.1	13.3		8.6	
5	W		14. - 15.8	14.6		9.9	
6	R	9:34	15. - 16.1	15.4	4.7	10.7	
7	Y		16. - 17.5	16.5		11.8	
8	W		17. - 18.9	17.6		12.9	
9	Y		18.7 - 21.3	19.6		14.9	
10	W		19.7 - 21.7	20.4		15.7	
11	R	9:40	21.5 - 23.5	22.2	4.7	17.5	
12	Y		22.5 - 24.1	23.0		18.3	
13	W		23.8 - 25.7	24.4		19.7	
14	Y		24.8 - 26.3	25.3		20.6	
15	W		26 - 27.5	26.5		21.8	Boat 224+00 (N)
16	R	9:52	27.1 - 28.6	27.6	4.8	22.8	
17	Y		28. - 29.7	28.6		23.8	
18	W		29. - 31.3	29.8		25.0	End of line
~~19~~	~~Y~~						
~~20~~	~~W~~						

F.B. 1287 PG. 234

Job No. 842 Division No. ____ Notes Red. [illegible] Date 11-13-46 Plotted H.U.M.H. Date 1946 Profile No. ____

Survey of Beach Erosion Notes Chkd. [illegible] Checked ____ X-Sec. No. ____

Survey by Meineck Notes FOH 10-30-46 Date 11-19-46 Date ____

Indexed ____ Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
Inst. At	Sight On.	#	Color	Time	Hor. Ang.	Remarks.	
226+00 -N	224+00 -N	1	R	1013	90 00	Range Line ∡ = 90°	F.S. on 224+00 (N) on 135' Offset
on 135' Offset	on 135' Offset	2	Y		90 00		
		3	W		90 05		
		4	Y		90 00		
		5	W		90 00		
		6	R	1028	90 00		
		7	Y		90 00		
		8	W		89 50		
		9	Y		90 10		
		10	W		89 55		
		11	R	1032	90 15		
		12	Y		89 55		
		13	W		90 20		
		14	Y		90 30		
		15	W		90 15		
		16	R	1035	90 15		
		17	Y		90 20		
		18	W		90 10	End	

Range 226+00 (N)

Profile
No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. Date 1946 Survey of Beach Erosion
No. ____ Date ____ Notes Chkd ____ Checked ____ Survey by Kleineck Notes GWK Date 10-30-'46
Map No. ____ Indexed A. O. Johnson Date ____

F.B. 128 PG. 285

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
Inst. At	Sight On	#	Color	Time	Hor Ang	Remarks.	
228+00 -N	226+00 -N	1	R	1042	90 25	Range Line ∡ =	90° F.S. on 226+00 -N
on 135' Offset	on 135' offset	2	Y		90 25		on 135' offset.
		3	W		91 00	Going Out.	
		4	Y		90 35		
		5	W		90 45		
		6	R	1047	90 35		
		7	Y		90 00		
		8	W		90 15		
		9	Y		90 15		
		10	W		90 10		
		11	R	1054	90 10		
		12	Y		90 20		
		13	W		90 00		
		14	Y		90 20		
		15	W		89 15		
		16	R	1107	90 15		
		17	Y		90 00		
		18	W		90 05		
		19	Y		90 05	End.	

Range 228+00(N)

F.B. 1287 PG. 236 Job No. 8412 Division No. Notes Red. Plotted ~~J. M. H.~~ No. Profile
Survey of Beach Erosion Date 1946 X-Sec.
Survey by Kleinert Notes FWK 10-30-45 Notes Chkd. Checked No.
Indexed Date Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
218+00 -N On 135 OFFSET	216+00 -N On 135 offset			10:13	113-00	RANGE 226+00 (N)
		2			116-[illegible]	
					120-30	
		2			123-00	
					128-35	
				10:2[illegible]	131-50	
					135-15	
					139-25	
					141-30	
					143-10	
				10:32	146-50	
					148-35	
					151-00	
					152-10	
					153-20	
				10:35	154-35	
					155-30	
					156-35	END OF LINE.

Cut in. 226+00 (N)

Profile Notes Red ____ Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. 1287 PG. 237
No. ____ Date ____ Date 1946 Survey of BEACH EROSION
X-Sec. Notes Chkd. ____ Checked ____ Survey by KLEINECK Notes D.S. Date 10-29-46
No. ____ Date ____ Date ____ Map No. ____ Indexed by C. Johns Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
218+00 -N.	216+00 -N.	1	R	10:42	161-45	RANGE 228+00 (N)
ON 135'	on 135'	2	Y		15[illegible]-40	
OFFSET	offset	3	W		[illegible]	
		4	Y		15[illegible]-[illegible]0	
		5	W		15[illegible]-[illegible]0	
		6	R	10:47	152-35	
		7	Y		15[illegible]	
		8	W		15[illegible]-00	
		9	Y		148-40	
		10	W		14[illegible]-[illegible]5	
		11	R	10:54	14[illegible]	
		12			14[illegible]-[illegible]0	
		13	W		14[illegible]-[illegible]0	
		14			13[illegible]-[illegible]0	
		15	W		13[illegible]	
		16		11:07	13[illegible]	
		17			12[illegible]	
		18	W		121-35	
		19	Y		118-[illegible]0	END OF LINE.

Cut in 228+00(N)

F.B. 128 PG. 238

Job No. 1412 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of BEACH EROSION Date Date 1946 No. X-Sec.

Survey by FLEINSCH Notes D.S. 10-29-46 Notes Chkd. Checked No.

Indexed A. D. Johnson Date Date Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	10:10	29.2 - 30.8	29 7/10	4 8/10	24.9	Range 226+00(N)
2	Y		27.8 - 29.3	28 3/10		23.5	Going In.
3	W		26.9 - 28.2	27 3/10		22.5	
4	Y		25.7 - 27.9	26 4/10		21.6	
5	W		24.7 - 26.3	25 2/10		20.4	
6	R	10:26	23.7 - 25.3	24 2/10	4 9/10	19.3	
7	Y		22. - 24.1	22 7/10		17.8	
8	W		20.8 - 21.9	21 2/10		16.3	
9	Y		19. - 20.9	19 6/10		14.7	
10	W		17.7 - 20.5	18 6/10		13.7	
11	R	10:30	16. - 19.	17 0/10	4 9/10	12.1	
12	Y		15. - 17.	15 7/10		10.8	
13	W		14. - 16.	14 7/10		9.8	
14	Y		13. - 14.9	13 6/10		8.7	
15	W		12. - 14.	12 7/10		7.8	
16	R	10:34	11. - 12.9	11 6/10	4 9/10	6.7	
17	Y		10. - 12	10 7/10		5.8	
18	W		9. - 10.8	9 6/10		4.7	End of line
~~19~~	~~Y~~						
~~20~~	~~W~~						

Boat 226+00(N)

Profile No. ____ Notes Red. JKB Date 11-13-46 Plotted H.U.M.H. Date 1946 Job No. 847 Division No. ____ Survey of Beach Erosion Survey by Kleinecke Notes G.O.H. Date 10/30/46 Map No. ____ Indexed by C. Johnson

X:Sec. No. ____ Notes Chkd. RCW Date 11-19-46 Checked ____ Date ____

F.B. 1287 PG. 239

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	10:40	9. - 11.	9.7	4.9	4.8	Range 228+00(N)
2	Y		10. - 11.7	10.6		5.7	Going Out.
3	W		11.6 - 13.8	12.3		7.4	
4	Y		12.6 - 14.6	13.3		8.4	
5	W		13.6 - 15.1	14.1		9.2	
6	R	10:46	14.9 - 16.5	15.4	4.9	10.5	
7	Y		16. - 17.3	16.4		11.5	
8	W		17. - 19.1	17.7		12.8	
9	Y		18. - 20.1	18.7		13.8	
10	W		19. - 21.	19.7		14.8	
11	R	10:51	20. - 22.2	20.7	4.9	15.8	
12	Y		21.3 - 23.2	21.9		17.0	
13	W		22.5 - 23.9	23.0		18.1	
14	Y		23.8 - 25	24.2		19.3	
15	W		24.8 - 26.2	25.3		20.4	
16	R	11:06	25.8 - 27.2	26.3	4.9	21.4	Boat 228+00(N)
17	Y		27 - 28.1	27.4		22.5	
18	W		28.2 - 29.9	28.8		23.9	
19	Y		29. - 30.9	29.6		24.7	End of line
~~20~~	~~W~~						

F.B. 128 PG. 240
Job No. 842 Division No.
Survey of Beach Erosion
Survey by Kleineck Notes GOH 10-30-46
Indexed Date
Notes Red. Date 11/13/46
Notes Chkd. LCW Date 11-19-46
Plotted H.U.M.H. Date 1946
Checked Date
Profile No.
X-Sec. No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
Inst At	Sight on	#	Color	Time	Hor. Ang.	Remarks	
230 +00 -N on 135' offset	228+00 -N on 135' offset	1	R	1134	9000	Range Line ∡ = 90° F.S. on 228+00(N) on 135' offset	
		2	Y		9000		
		3	W		8955	Coming In.	
		4	Y		9000		
		5	W		9000		
		6	R	1147	9015		
		7	Y		9010		
		8	W		8950		
		9	Y		9005		
		10	W		9010		
		11	R	1153	9005		
		12	Y		9015		
		13	W		9000		
		14	Y		9015		
		15	W		9010		
		16	R	1156	9030		
		17	Y		9020	End	

Range 230+00(N)

Profile No. ____ Date ____ Notes Red ____ Plotted H.U.M.H. Date 1946 Job No. 8412 Division No. ____ Survey of Beach Erosion Notes Chkd. ____ Checked ____ Survey by Hemeck Notes Gulk Date 10-30-46 Map No. ____ Indexed A. C. Johnston

X-Sec. No. ____ Date ____

F.B. 1287 Pg. 241

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At.	Sight On.	B.S. #	H.I. Color	F.S. Time	ELEV. Hor. Ang.	Remarks.	
232+00 N 135' off.	230+00 N 135' off	1	R	7.10	90 15	Range Line ∡ = 90°	F.S. on 230+00 N
		2	Y		90 20	Coming in.	(on 135' offset.
		3	W		90 10		
		4	Y		90 20		
		5	W		89 55		
		6	R	7.28	90 15		
		7	Y		90 20		
		8	W		90 25		
		9	Y		90 35		
		10	W		90 15		
		11	R	7.33	90 25		
		12	Y		90 20		
		13	W		90 25		
		14	Y		90 25		
		15	W		90 30		
		16	R	7.35	90 30		
		17	Y		90 15	End.	

Range 232+00(N)

F.B. 1287 PG. 242

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of Beach Erosion Date 1946 No.

Survey by Kleineck Notes L.D. 10/30/46 Notes Chkd. Checked X-Sec.

Indexed R. O. Johnson Date Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
[illegible]	216 [illegible] -N		R	[illegible]	123-20	RANGE 230+00 (N)
[illegible]	On 135'		Y		125-40	
[illegible]	offset		W		[illegible]	
			Y		133-15	
			W		135-50	
			R	[illegible]:47	[illegible]	
			Y		[illegible]	
			W		142-30	
			Y		15[illegible]-30	
			W		[illegible]4-05	
			R	[illegible]:53	155-00	
					155-25	
			W		156-45	
			Y		159-15	
			W		160-40	
			R	11:56	161-30	
			Y		[illegible]3-25	END OF LINE.

Cut in. 230+00 (N)

Profile Notes Red ____ Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. 129 Pg. 243
No. ____ Date ____ Date 1946 Survey of BEACH EROSION
X-Sec. Notes Chkd. ____ Checked ____ Survey by KEBINECK Notes JG Date 10-30-46
No. ____ Date ____ Date ____ Map No. ____ Indexed C. [illegible]

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
224+00 -N	216+00	1	R	7:10	112-00	RANGE 232+00 (N)
		2	Y		113-55	
ON 135' OFFSET	On 135' Offset	3	W		118-10	
		4	Y		119-50	
		5	W		123-40	
		6	R	7:27	130-45	
		7	Y		134-40	
		8	W		138-00	
		9	Y		139-40	
		10	W		142-15	
		11	R	7:31	143-00	
		12	Y		144-30	
		13	W		146-15	
		14	Y		150-15	
		15	W		152-20	
		16	R	7:35	153-30	
		17			156-00	
		~~18~~	~~Y~~			
		~~19~~	~~Y~~			

Cut in. 232+00 (N)

F.B. 1287 PG. 244

Job No. 8412 Division No. ____ Notes Red. ____ Plotted H.U.M.H. Profile

Survey of Beach Erosion Date ____ Date 1946 No. ____

Survey by Meineck Notes V. Gregory 10-31-46 Notes Chkd. ____ Checked ____ X-Sec.

Indexed ____ Date ____ Date ____ Date ____ No. ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	11:31	29.-30.8	29.6	4.8	24.8	Range 230+00 (N)
2	Y		28.-29.9	29.6		23.8	Going In.
3	W		27.-28.9	27.6		22.8	
4	Y		26.-28.	26.7		21.9	
5	W		25-27.3	25.8		21.0	
6	R	11:45	24.-26.	24.7	4.7	20.0	
7	Y		23.-25.	23.7		19.0	
8	W		22.-23.	22.3		17.6	
9	Y		20.5-22.2	21.1		16.4	
10	W		19.-20.8	19.6		14.9	
11	R	11:51	17.8-18.5	18.0	4.7	13.3	
12	Y		16.2-18.6	17.0		12.3	
13	W		14.9-16.3	15.5		10.8	
14	Y		13.8-15.3	14.3		9.6	
15	W		12.2-14.8	13.1		8.4	
16	R	11:55	10.2-13.0	11.1	4.7	6.4	
17	Y		9.0-10.5	9.5		4.8	End of line
~~18~~	~~W~~						
~~19~~	~~Y~~						
~~20~~	~~W~~						

Boat 230+00 (N)

Profile No. ____ Notes Red. RH Date 11/13/46 Plotted H.U.M.H. Date 1946 Job No. 8417 Division No. ____ F.B. 1288 PG. 245
X:Sec. ____ Notes Chkd. LWW Date 11-19-46 Checked ____ Date ____ Survey of Beach Erosion Notes GO.H Date 10/30/46
Survey by Kleinecke Map No. ____ Index ____ Tab ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
[illegible]	R	[illegible]	[illegible]	28.9	3.7	25.2	[illegible]
[illegible]	[illegible]		27.2-29.1	27.8		24.1	[illegible]
[illegible]	[illegible]		26.5-27.8	26.9		23.2	
[illegible]	[illegible]		25.2-27.2	25.9		22.2	
[illegible]	[illegible]		24-26.8	24.9		21.2	
[illegible]	R	1:23	22.8-24.8	23.5	3.8	19.7	
[illegible]	[illegible]		21.8-23	22.2		18.4	
[illegible]	[illegible]		20.6-22.1	21.1		17.3	
[illegible]	[illegible]		19.6-21	20.1		16.3	
[illegible]	[illegible]		18.6-19.8	19.0		15.2	
[illegible]	R	1:30	17.2-18.6	17.7	3.8	13.9	
[illegible]	[illegible]		16-17.8	16.6		12.8	
[illegible]	[illegible]		14.6-16.2	15.1		11.3	
[illegible]	[illegible]		13-15.1	13.7		9.9	
[illegible]	[illegible]		11.8-12.3	12.0		8.2	
[illegible]	R	1:34	10.8-11.6	11.1	3.8	7.3	
[illegible]	[illegible]		7-9.2	7.7		3.9	END OF LINE

Boat 232+00 (N)

F.B. 1287 PG. 246
Job No. 8412 Division No.
Survey of BEACH EROSION
Survey by KLEINECK Notes D.S. 11-31-46
Indexed [illegible] Date
Notes Red. [illegible] Date 11/13/46
Notes Chkd. LCW Date 11-19-46
Plotted H.U.M.H. Date 1946
Checked Date
Profile No.
X-Sec. No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
234+00 N	"N-14"	1	R	748	90 00	Range Line = 90°	F.S. on "N-14"
120' off	120' off	2	Y		90 00	Going out	120' off
		3	W		90 05		
		4	Y		90 05		
		5	W		90 05		
		6	R	752	90 05		
		7	Y		90 05		
		8	W		90 10		
		9	Y		90 15		
		10	W		90 15		
		11	R	755	90 20		
		12	Y		90 25		
		13	W		90 15		
		14	Y		90 20		
		15	W		90 15		
		16	R	803	90 00		
		17	Y		89 55		
		18	W		90 05		
		19	Y		90 10	End.	

Range 234+00(N)

Profile No. ____ Notes Red ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B./287 Pg. 247
X-Sec. No. ____ Date ____ Date 1946 Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes DeTilla Date 10/31/46
Date ____ Date ____ Map No. ____ Indexed C. Johnson

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
236+00 N	234+00	1	R	828	90 00	Range Line ∡ = 90°	F.S. on 234+00 N
120' off	120' off	2	Y		90 15	Coming in	120' off
		3	W		90 05		
		4	Y		90 00		
		5	W		90 00		
		6	R	844	90 00		
		7	Y		90 10		
		8	W		90 15		
		9	Y		90 25		
		10	W		90 35		
		11	R	850	90 15		
		12	Y		90 15		
		13	W		90 15		
		14	Y		90 10		
		15	W		90 15		
		16	R	854	90 20		
		17	Y		90 15		
		18	W		90 20	End.	

Range 236+00 (N)

F.B. 1287 PG. 248

Job No. 8412 Division No. Notes Red. Plotted H. U. M. H. Profile

Survey of Beach Erosion Date 1946 No. X-Sec.

Survey by Kleinbeck Notes Detail Notes Chkd. Checked No.

Indexed A. O. Yelmans Date Date

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
224+00	216+00	1	R	7:46	159-55	Range 234+00 (N)
-N		2	Y		158-15	
ON 135'		3	W		156-50	
OFF Sol		4	Y		155-45	
		5	W		154-25	
		6	R	7:50	153-10	
		7	Y		152-20	
		8	W		149-40	
		9	Y		146-40	
		10	W		144-25	
		11	R	7:54	143-45	
		12	Y		141-00	
		13	W		138-10	
		14	Y		136-25	
		15	W		132-00	
		16	R	8:02	126-50	
		17	Y		123-15	
		18	W		118-20	
		19	Y		114-10	

Cut in. 234+00 (N)

Profile No. ____ Notes Red ____ Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. 128 Pg. 249
X-Sec. No. ____ Date ____ Date 1946. Survey of Beach Erosion
Notes Chkd ____ Checked ____ Survey by K Notes J. G. Date 10-31-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
224+00 N	216+00	1	R	8:26	119-10	Range 236+00 (N)
ON 135' OFFSET		2	Y		122-00	
		3	W		127-30	
		4	Y		130-45	
		5	W		134-10	
		6	R	8:42	139-20	
		7	Y		143-05	
		8	W		146-35	
		9	Y		149-20	
		10	W		150-30	
		11	R	8:49	152-35	
		12	Y		154-05	
		13	W		155-40	
		14	Y		157-25	
		15	W		158-25	
		16	R	8:52	160-05	
		17	Y		161-30	
		18	W		162-25	

Cut in 236+00 (N)

F.B. 1287 PG. 250

Job No. 8412 Division No. Notes Red. Plotted I.U.M.H. Profile

Survey of Beach Erosion Date 1946 No. X-Sec.

Survey by Kleineck Notes V. Gregory 10-31-46 Notes Chkd. Checked No.

Indexed G. D. Johnson Date Date Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1			[illegible]	8 1/2	3 9	4.2	[illegible] 234400 (N)
2				8 7/2		4.8	Going out
3				10 5/2		6.6	
4				11 6/2		7.7	
5			12 - 13.2	12 6/2		8.5	
6		2:42	13 - 15.1	13 8/2	3 9	9.9	
7	Y		14 - 15.6	14 5/2		10.6	
8	W		15.4 - 17.2	16 3/2		12.3	
9	Y		[illegible]	18 1/2		14.2	
10	W		[illegible]	19 2/2		15.3	
11	R	2:52	[illegible]	20 2/2	3 9	16.3	
12	Y		20.8 - [illegible]	21 1/2		17.2	
13	W		[illegible]	22 2/2		18.3	
14	Y		[illegible]	23 1/2		19.2	
15	W		23 - 25.5	24 4/2		20.5	
16	R	2:00	25 - 26	25 3/2	4 0	21.3	Boat 234400 (N)
17	Y		26 - 27.7	26 6/2		22.6	
18	W		27.1 - 29.2	28 0/2		24.0	
19	Y		28.4 - [illegible]	28 9/2		24.9	End of Line

Profile No. _____ Notes Red. _____ Plotted H.U.M.H. Job No. 8411 Division No. _____ F.B. 1257 Pg. 25

Date _____ Date 1946 Survey of _____ Notes _____ Date 10-31-46

X:Sec. No. _____ Notes Chkd. Checked _____ Survey by _____ Map No. _____ Index _____ S. Johnson

Date 11-19-46 Date _____

1287

#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
[illegible]	R		[illegible]	29.0	4.1	24.9	
[illegible]	[illegible]			27.6		23.5	
[illegible]	[illegible]			26.7		22.6	
[illegible]	[illegible]			25.7		21.6	
[illegible]	W			24.7		20.6	
[illegible]	R	[illegible]		23.7	4.1	19.6	
7	[illegible]		[illegible]	22.4		18.3	
8	W		[illegible]	21.3		16.9	
9	Y		19.3-21	19.9		15.8	
10	W		18-19.6	18.5		14.4	
11	R	1:47	17-18.1	17.5	4.2	13.3	
12	[illegible]		15-18	16.0		11.8	
13	W		14-16	14.7		10.5	
14	[illegible]		12.6-14.8	13.3		9.1	
15	W		11.6-14	12.4		8.2	
16	R	1:50	10-12.7	10.9	4.2	6.7	
17	Y		8.5-10.5	9.2		5.0	
18	W		7.5-10.2	8.4		4.2	END OF LINE

Boat 236+00 (W)

Plotted H.U.M. Date 1946 Checked Date

Notes Red. Date 11-13-46 Notes Chkd. Date

Indexed Date