Notes Red. _____ Plotted _____ Job No. _____ Division _____
_____ Date _____ Survey of _____
Notes Chkd. _____ Checked _____ Survey by _____ Notes _____ Date _____
_____ Date _____ Map No. _____ Indexed _____ Date 10-4-46

BEACH EROSION SURVEY

FROM

REDONDO BEACH AT 10th ST. –
(BASE LINE STA. 5-12 = 254+65 S.)

TO

BALLONA CREEK JETTIES
(BASE LINE STA. 186+00 N.)

J.N. 8412
WORK STARTED:- JULY 15, 1946
" FINISHED:-

G.W. Klimeck
H. Gunderson
J.W.S. Moore
R. Anderson
R. Hobson
H.R. Stark
J. Gregory
G.O. Harris
R. Mitchell
S. Dickie

Microfilmed Dec 87

F.B. 1284 PG. 2

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

Profile

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____

X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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.

F.B 1284 pg. 3

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

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

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PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

FORM 307 5M 1-46

F.B. 1284 PG. 4

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

Survey of _____ Date _____ Date _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____

Indexed _____ Date _____ Date _____ Date _____

Profile No. _____

X-Sec. No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
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STATION	B. S.	H. I.	F. S.	ELEV.

FORM 307 5M 7-43

PLEASE RETURN TO
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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	
U.S.C.&G.S. B-768	4755	32329		27574	BM.-768 - 1945 } Fd. Std. U.S.C.&G.S. disk set vertically in N. face near N.E. Cor. of conc. bldg. (Standard O. Co. Salt Water Pumping Plant for Oil Refinery) about 1400' ± N'ly from Stand. Oil Pier & El Segundo. No datum at hand as yet for this BM.
0+00 N+S	6146	33087	5388	26941	Wire spk + 6" dn.
2+00 S			561	2748	N.+T.
4+00 S			108	3200	1x1 Std. N.
T.P.	4725	32474	5338	27749	1x1
6+00 S			464	2783	"
T.P. 8+00 S	4670	32282	4862	27612	"
10+00 S			455	2773	"
~~T.P.~~ 12+50 S	2089	30421	3950	28332	N+T in 1x2
U.S. 2785			10849	19572	U.S. 2785. Tidal 2.- About 2 mi's N.W. along the P.E.R.R. from the Manhattan Pier at Manhattan Beach, L.A.Co., at the Standard Oil Co. Pier & Refinery, at the N. Cor. of the pumping plant and in top of conc. retaining wall - A Std disk stamped:- 2-1933. U.S.C.&G.S. 1941 Adj. Elev. = 16772 + 2800 = 19572 = M.L.L.W.
		*	*	*	
U.S. 2785				16772 + 2804	
	11337	30909		19572 (M.L.L.W.)	U.S. 1278 - R-50 About 2 mi's N.W. along the P.E.R.R. by from Manhattan Pier at Manhattan Beach, L.A.Co., at the shore end of the Standard O. Co. Pier & Refinery at the N.W. end of the middle conc. wall of two conc. salt water setting vats + in the top of a large conc. reinforcing block. A Std disk stamped: "R-50, 1925"
T.P.	2532	24641	880	22109	
U.S. 1278	9190	25619	8212	16429	1941 U.S.C.&G.S. Adj. Elev. - 13602 + 2800 = 16402 M.L.L.W.

These levels bracked up from U.S. B.M. #2785 For closure of this circuit see pg. 13.

Profile No. ___ Notes Rad. ___ Plotted ___ Job No. 8412 Division No. ___ F.B. 1272 Pg. 5
X-Sec. No. ___ Date ___ Date ___ Survey of Beach Erosion
Notes Chkd. ___ Checked ___ Survey by Klaiser Notes Pull Date 7-12-46
Date 10-16-46 Date ___ Map No. ___ Added Johnson Date 10-4-46

FORM 307 5M 7-43

PLEASE RETURN TO
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700 HALL OF RECORDS

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Do not extend notes this side of this line

B. 1244 Pg. 6 | Job No. 2412 | Division No. | Notes Red. | Plotted | Profile
Survey of Beach Estates | Date | Date | No.
Survey by Blowers Blk. | Notes Chkd. AE | Checked | X-Sec.
Indexed A. C. Johnson | Date | Date 10-16-46 | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		25619			Prof. Ford.	
TP	9257	3[illegible]	1245	[illegible]		
Set BM.	3574	34[illegible]	465	[illegible]	Chisled □ at N.E. cor. of conc. base for [illegible] on house both outside of Bay Front [illegible] 64' N'ly from [illegible] corner and set pin.	
TP	2632	2932	7646	26[illegible]		
U.S. 2785			9743	19578	Elev. 19572 on preceding page.	
		*	*	*	*chisled □	
BM. (Set)	6813	3574		[illegible]	From above. (Running South)	
15+00 S			5.68	2970	N.G.T. on 1x1 Fir	
17+50 S			498	3059	" " " "	
TP	5620	34149	7005	28544		
20+00 S			521	2899	" " " "	
22+50 S	4495	34179	4[illegible]	[illegible]	" " " "	
25+00 S			482	2981	" " " "	
Mon. "S-1" S.	[illegible]	3460	[illegible]	3627	26 [illegible] 2½" Br. plate	
27+50 S			503	2958	N.G.T. on 1x1 Fir	
30+00 TP. S	4265	34807	404[illegible]	[illegible]	" " " "	
32+50 S			474	3017	" " " "	
TP	4796	34850	4773	[illegible]		
35+00 S			487	2998	" " " "	
TP 37+50 S	5231	34701	5560	29470	1x2	
40+00 S			530	2940	"	

FORM 307 5M 7-43

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STATION	B. S.	H. I.	F. S.	ELEV.		
		34701			Brot. Ford.	
T.P. 42+50 S	4322	33792	5300	29401	1x2 stk. (22' from bot. step of stairs on E. curb line 45 S.)	
45+00 S			463	2909	1x2 "	
T.P.	4915	33653	4955	28768		
47+50 S			456	2912	1x2 stk.	
50+00 S			438	2930	"	
T.P.	4800	33623	4860	28823		
52+50 S			478	2884	" "	
T.P. 55+00 S	3315	33396	3231	30392	" "	
Mon. 5-2" S	5904	34553	5058	28649	2½" br. plate	
57+50 S			517	2938	1x2 stk.	
60+00 S			546	2909	" "	
T.P.	5423	34258	5718	28835		
B.M.-U.S.3646			3608	30650	"Y-614" — At Manhattan Beach, L.A.Co., at the S.W. end of Rosecrans Ave. N.E. of the Pac. Elect. Ry. track, at the foot of the conc. steps leading to the beach, in the top of the second step + 0.5' N.W. of the S.E. end, a std. disc, stamped "Y-614, 1941" 1941 S.C.G.S. Adj. Elev. - 27.841 + 2.800 = 30.641	
B.M.-U.S.3646	3409	34250		30641		
T.P. 62+50 S	4855	34147	4758	29292	1x2 stk.	
65+00 S			500	2915	" "	
T.P.	4338 ~~4365~~	33670	4915	29332		
67+50 S			414	2958	" "	
70+00 S			462	2905	" "	

Profile No. ____ Notes Rd. ____ Plotted ____ Job No. F.B. 27 Pg. 7
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Date 10-16-46 Checked ____ Date ____ Survey by Meinecke Crew Date 7-17-46
Map No. ____ Notes Entered ____ Date ____ Indexed John ____ Date ____

FORM 307 5M 7-43

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700 HALL OF RECORDS

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

Plotted ____ Date ____ Checked ____ Date ____

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

Job No. 8412 Division No. ____ Notes ____ Date ____

Survey of Beach Erosion

Survey by Harbor Dist. Date 7-18-46

Indexed C. Johnson

B/P LPG. 8

STATION	B. S.	H. I.	F. S.	ELEV.		
		33679			Prof. Ford.	
T.P.	4923	33725	4869	28802		July 18, 1946.
72+50 S			459	2113	1x2 STK	
△ T.P.	4298	33791	4232	29493	Good cont. Mon. "TOPANGA B-1" on projection of 32ND St. (Manhattan) at W'ly edge of old P.E. SE. embankment & edge of beach.	
"(75+00) S-3" S.T.P.	5534	33749	5600	28[illegible]	75+00 - C. Spk set in conc. at ∡ Pt.	
77+50 S			458	2937		
80+00 S.T.P.	4[illegible]	33[illegible]	4617	29[illegible]	1x2 STK.	
82+50 S			4[illegible]	2911	" "	
85+00 S.T.P.	4[illegible]	33054	4980	28[illegible]	" "	
86+10.24 S	5918	33001	5991	28[illegible]	Mon. at ∡ Pt. C. Spk set in conc.	
87+50 S			4[illegible]	28[illegible]	1x2 STK.	
90+00 S.T.P.	4[illegible]	32154	5150	2[illegible]	" "	
92+50 S			375	2677	" "	
95+00 S.T.P.	4602	32498	5418	[illegible]	" "	
97+50 S			513	2778	" "	
100+00 S			584	2707	" "	
"S-5" T.P.	6350	31638	7620	28[illegible]	Mon. at ∡ Pt. C. Spk set in conc.	
102+50 S			544	2[illegible]	1x2 STK.	
105+00 S.T.P.	4318	31186	4770	26[illegible]	" "	
107+50 S			484	2635	" "	

FORM 307 5M 7-43

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STATION	B. S.	H. I.	F. S.	ELEV.		
		31186			Brot Ford	
110+00 STP	4000	30061	5125	26061	1x2 stk.	
112+50 S			4321	2575	" "	
115+00 STP	4737	30497	4301	25760	" "	
117+50 S			328	2722	" "	
120+00 STP	5330	30667	5160	25337	" "	
122+50 S			519	2548	" "	
124+80.37 TP	5763	31722	4708	25959	W. Spk on Cont. Line & E of Manhattan Pier	
U.S. BM 3649			5129	26593	"U.S. 3649" B.M. #2 - TOBEANCE C-2 L.A.CO. At Manhattan Beach at the N. cor. of the crossing of the P.E.R.R. & Center St., 40.8' N.W. of the ℄ of the ℄, 29.5' N.E. of the ℄ of the track, 30' S.W. of the S.E. end of a conc. guard rail, at the S.W. edge of the conc. walk paralleling the track & 0.8' N.W. of the N.W. edge of the walk paralleling the St., on L.A.Co. U.S.G.S. Control Sta. Std. port mark disc stamped: "TOBEANCE C-2, B.M. #2 1929 P.E. 2171" and set in top of a conc. post flush with ground. 1941 U.S.C.&G.S. Adj. Elev. = 23.783 + 2.80 = M.L.L.W. = 26.583 See next page for desc.	
U.S. BM 1279 For desc. see next page.			4662	27080		
B.M.-U.S. 98			4980	26742	"U.S. 98" 20-U.S.G.S. in Coop. with L.A.Co., tablet in 6"x6" conc. post at N.E. Cor. of intersection of Center St. with P.E.R.R. at Shore end of Manhattan Pier. Record Desc:- At E. cor. of crossing of P.E. Ry. & Center St., 43.8' S.E. of ℄ of St., 30.5' N.E. of E of the track & 1.8' S.W. of a point 4.0' S.E. of the end of a conc. guard rail at S.W. edge of side walk paralleling beach. A U.S.G.S. std. triang. sta. disk stamped: "20-1922" and set in the top of a conc. post flush with ground. 1941 U.S.C.&G.S. Adj. Elev. 23.930 + 2.800 = M.L.L.W. = 26.730	

No. ____ Profile ____ Notes Rod. 1 Plotted ____ Job No. ____ Division No. ____
No. ____ X-Sec. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Beach Erosion
Date 10-16-46 Date ____ Map No. ____ Survey by Hammond Notes Fuhr Date ____ Date ____
Drawed J. Gardner Date ____ F.B. 27 P. 2

FORM 307 5M 7-43

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STATION	B. S.	H. I.	F. S.	ELEV.	
U.S. 1279	3948	31029		[illegible]	From remarks column below.
BM	5280	30417	5500	25 [illegible]	L.A.-CR. Surv. Cont. Sta. "TORRANCE C-2"
127+50 S			518	25 24	shown at the intersection of Center St. + the P.E. Cwy R.of W.
129+39.31 S					± 1x2.5'
S-6 T.P.	3519	27987	5948	[illegible]	Mon. at ℄ Pt. - 1" I.P. & Cap Set in conc.
T.P.	3400	21905	[illegible]	15315	
129+39.31 S					
S-7 T.P.	5282	20008	7189	14726	C.S. [illegible] at ℄ pt. [illegible] beach dn 2'.
130+00 S			437	15 04	1x2
132+50 S			497	15 04	"
135+00 S T.P.	3700	18611	5097 (458)	14 [illegible]	— 18 23' — New [illegible] (out)
137+50 S			508	13 53	"
140+00 S T.P.	6358	18770	6199	[illegible]	"
142+50 S			547	13 30	"
145+00 S T.P.	4997	18626	4881	[illegible]	"
147+50 S			459	14 04	"
150+00 S T.P.	6267	19008	5885	[illegible]	"
152+50 S			533	13 58	"
T.P.	8815	22665	5218	[illegible]	
155+00 S			534	17 27	+ in [illegible] work.
160+00 S			512	17 48	" " "
T.P.	5397	22847	5050	17 55	
"S-8" (165+00) T.P.	5538	23025	5362	17 487	L.T. at ℄ Pt. = Sta. 164+98.03

Note: A new profile has been run from 165+00 (S-8) to 129+39.31 (S-7) and is shown on the attached profile.

Data for Tie [illegible] 1279
Tie [illegible] Line
At Monument Point L.A. Co.
"S-50" at center of crossing of R.R. Cwy. & Center St. S.E. of E. of S.P.R.R. at the N.W. end of a [illegible] rail at the N.W. edge of the R.R. Cwy. parallel to the [illegible] 305' N.E. of the R.R. Cwy. Relaying wall. A nail set in the top of a conc. post 0.5' ± above ground. 1947 U.S.C. & G.S. Adj. Elev. 24.272 + 2.800 = 27.072 M.L.L.W.

Job No. [illegible] Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of [illegible] Date ____ Date ____ No. ____
Survey by [illegible] Notes [illegible] Notes Chkd. [illegible] Checked ____ X-Sec. ____
Indexed C. Johnson Date ____ Date 12-16-46 Date ____ No. ____

FORM 307 5M 7-43

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STATION	B. S.	H. I.	F. S.	ELEV.		
		23025			Bro + Ford.	
Mon. - Good Control.	6620	23110	6535	16490	L.A. CO. SURV. CONT. STA. "TORRANCE D-44" on or near ℄ of 28th St. Hermosa, produced Westwardly to Strand Walk.	
170+00 S			545	17665	+ in conc. Strand Walk	
T.P.	5023	23101	5037	18078		
175+00 S			510	18000	L+T in Strand walk	
"5-9" T.P.	5056	22482	5675	17425		
180+00 S			513	17935	L+T at ⊥ pt in conc Strand walk.	
T.P.	5200	22057	5625	16857		
185+00 S			538	16668	" in conc. walk.	
T.P.	4638	21847	4848	17209	On Strand Walk in side of Hse #2020.	
190+00 S "5-10"			490	16955	L&T in strand walk	
191+50 S TP			477	17058	" " " " "	
195+00 S TP	4763	21610	5.000	16847	" " " " "	
200+00 S TP	4940	21580	4965	16645	" " " " "	
205+00 S TP	4418	20948	5.055	16530	" " " " "	
210+00 S	4822	20614	5156	15792	" " " See F.B. 1216-136. Elev. = 17.154	
B.M.	3515	20709	3420	17194	-B.M. Strand Walk & Hermosa Pier So. end, 3rd step from bottom. No. Side Pier	
215+00 S			503	15668	Chiseled ▫ Per F.B. 1216-136. Elev. 17.154	
T.P.	5385	21436	4658	16051	L&T in Strand walk	
220+00 S			491	16553	" " " " "	

Profile No. ____ Date ____ Plotted ____ Date ____
X-Sec. No. ____ Notes Red ____ Notes Chkd. ____ Date 10-16-46 Checked ____ Date ____
Job No. 8442 Division No. ____
Survey of Beach Street
Survey by Brewer Notes 4115 Date 7-17-46
Map No. ____ Indexed ____ Date ____
F.B. 1216

FORM 307 5M 7-43

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STATION	B. S.	H. I.	F. S.	ELEV.		
		21 436			Bro. F. Ford	
TP	5.068	21 966	4.538	16 [illegible]		
225+00 S			5.00	16 [illegible]	L&T in Strand Walk	
T.P.	4.665	21 [illegible]	4675	17 291		
230+00 S			507	16 [illegible]	" " " " "	
"511" 231+00 S			491	17 05	" " " " "	
T.P.	4.922	22126	4752	17 [illegible]		
235+00 S			498	17 [illegible]	" " " " "	
TP	3 428	22526	3 028	19 [illegible]		
240+00 S			513	17 [illegible]	" " " " "	
T.P.	2 162	22603	2085	20 [illegible]		
245+00 S TP			505	17 55	" " " " "	
Mon. Geod. Control	5825	22718	5710	16 [illegible]	LA Co Sur. control sta "Torrance E6A", 5'± So. of ℄ Lyndon St. produced to Strand walk	
250+00 S			507	17 65	L&T in Strand Walk	
253+10 S			535	17 37	Chis. Cross " " "	
"512" 253+65 13 S.			5322	17 316	L&T Marked El. 17.265 at station See F.B. 1184-14. Elev. = 17.360	

F.B. 1284 Pg. 12 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion Date Date No.
Survey by Kleineck Notes Gunderson Notes Chkd. HE Checked X-Sec.
Index C. Johnson Date 7-19-46 Date 10-16-46 Date No.

FORM 307 5M 7-43

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STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. (Est)	4825	33510		28685	From pg. 6. Chiseled □ of N.E. Cor. conc base for telephone booth outside of steel fence at entrance to Standard Oil Co. numbered plan. — 6' N'ly from guard house at shore end of pier.
TP	3679	31831	5679	28214	
[illegible]	4[illegible]	32255	4275	27980	
TP	[illegible]	[illegible]	0500	[illegible]	
[illegible] 2400 (N.S.)			5543	(26940) - 100. [illegible] pg. 5. Elev. = 26941	
		+	+	+	
Sta. 0400 (N.S.)	4616	31556		26940	From Sta. [illegible] - Running North
2400			431	27125	1x2 stk. flush.
TP 4400	3710	31535	3731	27825	" " "
6400			461	26972	" " "
TP. 8400	3367	30834	4368	27467	" " "
10400			356	26977	" " "
TP. 12400	3599	30365	3767	26767	" " "
14400			356	26680	" " "
TP. 16400	3938	29912	4394	25974	" " "
18400			421	2570	" " "
TP 20400	[illegible]	30866	3504	[illegible]	" " "
22400			506	2551	" " "
TP 24400	5028	30307	5259	25279	" " "
26400			502	2528	" " "
TP 28400	4764	30286	4783	25524	" " "

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Job No. 7W2 Division No. ____
X-Sec. No. ____ Notes Chkd. [illegible] Date 10-16-46 Checked ____ Date ____ Survey of Beach Erosion Survey by [illegible] Notes [illegible] Date 7-23-46
Map No. ____ Checked G. Johnson Date 10-4-46

F.B. 128 Pg. 13

FORM 307 5M 7-43

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

Do not extend notes this side of this line

F.B. 1314 Pg. 14 | Job No. 641 | Division No. | Notes Red. | Plotted | Profile
Survey of Hyperion Sewer | Date | Date | No.
Survey by J. C. Johnson | Notes Chkd. 4 | Checked | X-Sec.
Indexed | Date 10-16-46 | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		30 285			[illegible]	Running N. from 0+00
[illegible]			[illegible]	25 48	1X2 [illegible] - Flush	
TP [illegible]	[illegible]	[illegible]	[illegible]	2[illegible]	" " — "	
[illegible]			[illegible]	25 60	" " — "	
TP [illegible]	[illegible]	[illegible]	[illegible]		" " — "	
U.S. BM.	[illegible]	30 056	[illegible]		Q-50, 1925" [illegible] for "Hyperion" Pier 2 miles S. of Del Rey at Manhattan Beach, set in top of pier end which is an oil conductor belonging to L.A. city. Std bronze disc set in conc. pier end!	
					Final Elev. - 1928 — 25.098 1932 Adj. Elev. — 25.079 1934 " " — 25.056 + 2.800 M.L.W. = 27.856	
[illegible]			[illegible]	25 54	1X2 [illegible] - Flush	
TP [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	" "	
[illegible]			[illegible]	25 43	" "	
TP [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	" "	
[illegible]			[illegible]	26 57	" "	
TP "N-1"	[illegible]	30 [illegible]	5 [illegible]	24 [illegible]	[illegible] 6" dia. at ℄ Pt.	
[illegible]			[illegible]	25 [illegible]	1X2 [illegible] - Flush	
[illegible]			[illegible]	25 70	" " — "	
TP [illegible]	[illegible]	29 [illegible]	[illegible]	[illegible]	" " — "	
54+00			4 45	25 55	" " — "	
TP 56+00	[illegible]	30 220	4 48	25 [illegible]	" " — "	
58+00			4 73	25 19	" " — "	

FORM 307 5M 7-43

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.		
		30220			Prof. Ford Running N. from 0+00	
T.P. 60+00	4133	30087	4267	25953	1x2 STK - flush.	
62+00			439	2539	" " - "	
T.P. 64+00	5181	30064	[illegible]	[illegible]	" " - "	
66+00			517	2545	" " - "	
T.P. 68+00	4500	29918	5300	[illegible]	" " - "	
70+00			433	2534	" " - "	
T.P. 72+00	4455	30018	4458	25528	" " - "	
74+00			442	2558	" " - "	
T.P. 76+00	4552	29922	4411	25202	" " - "	
78+00			417	2558	" " - "	
T.P. 80+00	4420	29672	4409	25246	" " - "	
82+00			448	25~~26~~ 19	1x1 " - "	
T.P. 84+00	4430	29557	4324	25297	1x2 " - "	
86+00			412	2544	" " - "	
87+20.65 N-2	9008	33442	5123	24434	3½" br. tablet set in conc. 1.0' dn. of ⊕ PT.	
88+00			796	2548	1x2 STK. - flush.	7-24-46.
T.P. 90+00	4130	29337	8235	25207	" " - "	
92+00			428	2506	" " - "	
T.P. 94+00	4285	29555	4067	25270	" " - "	
96+00			439	2517	" " - "	

Profile No. _____ Notes Red. _____ Date _____ Plotted _____
X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____
Job No. 5412 Division No. _____
Survey of Beach Estates
Survey by Project Notes Index J. Chiles Date 7-23-46
Map No. _____ Date _____

F.B. 128 Pg. 15

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line

F.B. 128 PG. 16 Job No. 1412 Division No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Profile No. _____

Survey of Pearblossom Extension — Notes Blk. - 7-24-46 Notes Chkd. H Date 10-16-46 Checked _____ Date _____ X-Sec. No. _____

Survey by Hewitt

Indexed C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.		
		29855			Bot. Ford	Running N. from 0+00
T.P. 98+00	4[illegible]	29464	4161	25[illegible]	1x1 STK. - [illegible]	
100+00			4401	2553	" " - "	
T.P. 102+00	4260	29664	4550	[illegible]	" " - "	
104+00			4325	2536	" " - "	
T.P. 106+00	4653	30020	4537	2515	" " - "	
108+00			4712	2529	" " - "	
T.P. 110+00	4700	30000	4700	[illegible]	" " - "	
112+00			4922	2512	" " - "	
T.P. 114+00	5000	30199	4841	2549	" " - "	
116+00			4770	2530	" " - "	
T.P. 118+00	4310	30199	4660	[illegible]	" " - "	
T.P. [illegible]	5370	30187	5638	[illegible]	3½" br. plate set in conc. 6" dn at ∡ Pt.	
120+00			4799	2540	1x1 STK. - Tack	
T.P. 122+00	5347	30506	5028	[illegible]	" " - "	
124+00			515	25.36 ~~[illegible]~~	" " - "	
T.P. 126+00	4963	29999	5470	[illegible]	" " - "	
128+00			489	2511	" " - "	
T.P. 130+00	4850	30352	4497	[illegible]	" " - "	
132+00			480	[illegible]	" " - "	
T.P. 134+00	5110	30416	4646	[illegible]	" " - "	

FORM 307 5M 7-43

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700 HALL OF RECORDS

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Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.	
		30816			Brot Fwd Running N. from 0+00.
136+00			505	25 77	1x2 STK. - flush
T.P. 138+00	5186	30475	5527	25 24	1x1 " — "
140+00			492	25 56	1x2 " — "
T.P. 142+00	3955	29198	5262	25212	" " — "
144+00			466	24 54	C.SPK + T. — "
T.P. 146+00	4801	28799	5290	23908	" " " — "
"N-4"	3610	26382	5937	22772	3½" br. plate set in conc. - flush = P.O.T.
148+00			1071	15 67	1x2 STK - "
T.P. 150+00	3649	19356	10675	15707	" " - flush
N-5			5000	~~13276~~ 14356	2x2 STK. 10" on. over C.S. mon. at ∡ Pt
T.P. N-6	5138	17904	6590	12766	Cut STK. (at ∡ Pt) in top of grn.
152+00			419	13 71	1x2 STK. - flush
T.P. 154+00	3679	17384	4199	13705	" " — "
T.P. N-7	4995	19927	2432	14952	2x12 plank STK. (flush) over C.S. mon. at ∡ Pt
156+00			504	14 89	1x2 STK. - flush
158+00			531	14 62	1x2 STK - flush
T.P. 160+00	3012	17579	5360	14567	" " — "
162+00			507	12 51	" " — "
T.P. 164+00	3204	14214	6569	11010	" " — "
166+00			421	10 00	" " — "

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5113 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Date ____
Notes Chkd. [illegible] Checked ____ Survey of Bond Estates
Date 10-16-46 Date ____ Survey by [illegible] Notes [illegible] Date 7-24-46
Map No. ____ Noted J [illegible] Date ____

F.B. 2[illegible] PG. 17

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	
		14214			Brot. Ford. Running N. from 0+00
T.P. 168+00	4511	13774	4951	9263	1 x 2 Stk - flush
169+00			470	9 07	" " - "
170+00			474	9 03	" " - "
171+00			479	8 98	" " - "
T.P. 172+00	7584	16620	4738	9036	
T.P.	6008	21515	1113	15507	Nail in sawed off post.
T.P.	2475	17764	6226	15289	26-M (City of Los Angeles) - At L.A., L.A. Co. Playa Del Rey. At the N.W. Cor. of the intersection of Culver Blvd. & Vista Del Mar, 15' N.W. of N.W. Vista Del Mar curb, 6' North of the N. Culver Blvd. curb, 3.5' N. of pole #40506 R & 18" S. of the S. edge of walk. A City of Los Angeles Std disk stamped: "26-M 11.64" and set in top of conc. post. 1934 U.S.C. & G.S. Adj. Elev. - - 11.719 14.519 = M.L.L.W.
T.P.	5261	18883	4142	18622	
B.M.-U.S. 3550	8512	22786	4609	14274	
B.M.-U.S. 1276	0561	22935	0412	22374	Establ'd by U.S.C. & G.S. in 1925 No P-50 Palisades Del Rey, set in face of front entrance to Dickinson & Gillespie Corpn ofc. bldg. Std bronze disk set in face of stone bldg.
T.P.	3326	17819	8442	14493	
T.P.	6043	19754	4108	13711	
T.P.	4688	22751	1691	18063	
T.P. on T.P. above (Nail in sawed off post)			7229	15522	Sht. 23 Field Elev. 19.718 Final 1928 Prelim. Adj. 20,043 Do not use earth movement reported by le Fevre 5/10/32 1932 Adj. Elev. 19.925 1934 " " 19.833 + 2.80 = 22.633 (M.L.L.W.)

F.B. 1784 Pg. 18 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion Date Date No.
Survey by Kenneth Notes Gate 7-24-46 Notes Chkd. HE Checked X-Sec.
Indexed C. Johnson Date Date 10-16-46 Date No.

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	
T.P.	7848	23355		1550	{T.P. on pg. 18 = Nail in top sawed off post
173+87.20			493	1843	N.+T. in wood bridge over old Ballona Creek Channel
174+95			630	1706	N.+T. in Plank deck
T.P. 176+00	0726	16271	7810	15545	L.+T. in conc. walk {Bet. old Ballona Cr. channel & life guard Sta
178+00			496	~~12.31~~ 11.31	1x2 STK. - flush.
T.P. 180+00	4509	14979	5801	10470	" " - "
182+00			142	1356	+ on blk. of concrete on beach side of
N-8 (?)			236	1262	N.+T. in 2x4 flush. (Set)
N-9 (?)			—		?
T.P. 184+00	10447	19987	5439	9540	1x2 STK. - dn 6".
185+75.82			4756	1523	For check on old L.+T. in conc. walk.
T.P. 186+00	6212	21478	4721	15266	Old L.+T. in conc. walk - "END OF SECTION"
T.P.	3818	19948	5348	16130	
T.P.	4541	20456	4033	15915	
T.P.	5314	21947	3823	16633	
T.P.	4843	23006	3784	18163	
			7504	15502	{Check in on T.P. at top of pg. - T.P. on pg. 18 - Nail in top of sawed off post

Profile No. ____ Notes Red. ____ Plotted ____ Date ____
X-Sec. No. ____ Notes Chkd. HE Date 10-16-46 Checked ____ Date ____
Job No. 8412 Division No. ____
Survey of Beach Erosion
Survey by Bleinecke Notes Gwk Date 7-25-46
Map No. ____ Indexed J. Johnson Date ____
F.B. 1284 Pg. 19

F.B/284 PG. 20

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

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chkd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

FORM 397 5M 7-43

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FORM 307 5M 1-46

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
		Profile over offset line 167.5' to left of base-line and from Sta. 18+00(N) to (incomplete)				
16+00(N)	372	2969		2597	1X2 Stk on base line (See pg. 13)	
18+00(N)	136	2705	400	2569	1X2 " " " " (Elev. 25.70 pg. 13)	
T.P.	421	1992	1134	1571		
18+00			501	1491	1x1 Stk on 167.5' offset line to left.	
20+00 T.P.	430	19.33	489	15.03	" " " " " " " "	
22+00 T.P.	484	19.40	477	14.56	" " " " " " " "	
24+00 T.P.	474	19.31	483	14.57	" " " " " " " "	
26+00 T.P.	418	18.78	471	14.60	" " " " " " " "	
28+00 T.P.	376	18.33	421	14.57	" " " " " " " "	
30+00 T.P.	473	18.84	422	14.11	" " " " " " " "	
32+00 T.P.	440	18.57	467	14.17	" " " " " " " "	
34+00 T.P.	456	18.45	468	13.89	" " " " " " " "	
36+00 T.P.	364	16.99	510	13.35	" " " " " " " "	
38+00 T.P.	393	17.27	365	13.34	2x2 " " " " " " "	
T.B.M.			217	15.10	Nail in end of 2x12 plank set vertically in beach 1'± high, near line + about Sta. 36+70±	

Profile
No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 8412 Division No. ____
X-Sec. Notes Chkd. FE Date ____ Survey of Beach Erosion
No. ____ Date 10-16-46 Checked ____ Date ____ Survey by Meineck Notes G.W.K. Date 9-12-46
Map No. ____ Indexed E. Jonnson Date ____

F.B. 1284 PG. 21

F.B. 1284 PG. 22

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

Survey of _____ Date _____ Date _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____

Indexed _____ Date _____ Date _____ Date _____

Profile No. _____

X-Sec. No. _____

FORM 307 5M 1-46

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700 HALL OF RECORDS

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Do not extend notes this side of this line.

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

Profile No. _____ Notes Red. _____ Plotted _____ Job No. _____ Division No. _____ F.B. 1284 PG. 23

Date _____ Date _____ Survey of _____

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

Date _____ Date _____ Map No. _____ Indexed C. Johnson Date 10-4-46

RE-RUNS & ADDITIONAL PROFILE DATA OVER RANGE LINES FROM STA. 290+65(S) TO STA. 323+00(S) INCL. - REDONDO PIER AREA.
Pages 25 to 108 incl.

Hleineck & Party.
Aug. 8 to Sept. 12, 1946.
For Original profiles see F.B. 1184

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

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700 HALL OF RECORDS

FORM 307 5M 1-46

F.B. 1284 Pg. 24

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

Profile No. _____

Survey of _____ Date _____ Date _____

X-Sec.

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

FORM 307 SM 1-46

PLEASE RETURN TO
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FORM 307 5M 1-46

PLEASE RETURN TO
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700 HALL OF RECORDS

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
292+65	S-16	1	R	724	76 00	Range Line ∡ = 76°01' F.S. on S-16
		2	Y		75 10	
		3	W		76 20	
		4	Y		75 50	
		5	W		76 10	
		6	R	731	76 00	
		7	Y		76 05	
		8	W		76 10	
		9	Y		76 15	
		10	W		76 15	
		11	R	733	76 25	
		12	Y		76 50	
		13	W		76 35	
		14	Y		77 05	
		15	W		77 55	
		16	R	739	76 00	
		17	Y		75 55	

Range 292+65(S)
Add'l data.
For Orig. See F.B. 1184-113

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F.B. 1284 Pg. 31
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. Notes Chkd. ____ Checked ____ Survey by Kleweck Notes Gwk Date 9-12-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1284 PG. 37

Job No. 842	Division No.	Notes Red.	Plotted
Survey of Beach Erosion - Redondo	Date	Date	Profile No.
Survey by Kleineck	Notes Gulk 9-12-46	Notes Chkd.	Checked
Indexed A. C. Johnson	Date	Date	Date	X-Sec. No.

FORM 307 5M 1-46

PLEASE RETURN TO
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Range
294+75(S)
See FB 1184-119

STATION / Sight At	On	B.S. #	H.I. Color	F.S. Time	ELEV. Hor-Ang.	Remarks
294+75 at A	294+75 at A	1	C	802	180 00	Range Line ∠ = 180° F.S. on 294+75 = A
		2	Y		[illegible]	
		3	W		179 00	
		4	Y		179 50	
		5	W		180 05	
		6	R	804	180 00	
		7	Y		179 05	
		8	W		180 00	
		9	Y		180 00	
		10	W		180 00	
		11	R	806	180 00	
		12	Y		180 00	
		13	W		179 50	
		14	Y		180 00	

FORM 307 5M 1-46

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700 HALL OF RECORDS

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
Pt #2	5-18	1	R	7:24	188-25	Range 292+65
		2	Y		194-15	
		3	W		196-55	
		4	Y		199-15	
		5	W		200-20	
		6	R	7:30	200-45	
		7	Y		201-30	
		8	W		202-30	
		9	Y		203-20	
		10	W		203-40	
		11	R	7:32	205-20	
		12	Y		206-25	
		13	W		207-45	
		14	Y		208-[illegible]	
		15	W		212-00	
		16	R	7:38	215-15	
		17	Y		217-45	

See notes for Redondo Pier F.B. #1184.

Cut-in 292+65 (5) Add'l data. For Orig. See F.B. 1184-115

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1284 Pg. 33
Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by Meineck Notes J.G. Date 9-12-46
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

FORM 307 5M 1-46

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700 HALL OF RECORDS

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
Pt # Z	S-18	1	R	8:01	18[illegible]-30	Range 294+75
		2	Y		191-35	
		3	W		193-[illegible]	
		4	Y		193-45	
		5	W		195-50	
		6	R	8:03	196-55	
		7	Y		196-[illegible]	
		8	W		195-[illegible]	
		9	Y		200-[illegible]	
		10	W		201-30	
		11	R	8:06	20[illegible]-[illegible]	
		12	Y		20[illegible]	
		13	W		20[illegible]	
		14	Y		21[illegible]-[illegible]	

Cut-in
294+75 (S)
See FB 1184-121

F.B. 1284 PG. 34
Job No. 84V Division No. Notes Red. Plotted
Survey of Beach Erosion - Redondo Date Date No.
Survey by Meineck Notes [illegible] 9-12-46 Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.
Profile

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. Lou Date 9-17-46 Plotted ____ Date ____ Notes Chkd. HE Date 10-16-46 Checked ____ Date ____ Job No. 8417 Division No. ____ Survey of Beach Erosion - Redondo Survey by Mc Intosh Notes H.R.S. Date 9-12-46 Map No. ____ Indexed J. Date ____ F.B./Page 35

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Tide	Adj. Depth		Remarks
1	R	7 24	59.8-63.8	63.1	3 5	56.6	GOING IN	RANGE 292+65
2	Y		57.8-58.5	57.4		54.9		
3	W		55.0-58.0	55.7		52.2		
4	Y		52.0-54.5	53.5		50.0		
5	W		50.0-53.8	51.3		47.8		
6	R	7 31	48.0-49.6	48.5	3 6	44.9		
7	Y		46.0-48.0	46.1		43.1		
8	W		43.9-45.4	44.4		40.8		
9	Y		41.5-43.2	42.1		38.5		
10	W		39.5-40.9	39.5		35.7		
11	R	7 33	35.5-37.2	36.1	3 7	32.4		
12	Y		33.0-34.8	33.6		29.9		
13	W		31.0-32.8	31.5		27.9		
14	Y		29.0-30.5	29.5		25.8		
15	W		27.0-28.4	27.6		23.9		
16	R	7 39	24.8-26.3	25.3	3 8	21.5		
17	Y		23.0-24.8	23.6		19.8	END OF LINE	

Boat
292+65(S)
Profile date.
For Orig. See FB 1184-117

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION #	Color	B. S. Time	Meas. Depth	F. S. Botom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	8.02	[illegible]	60.2	4 3/	55.9	GOING W	RANGE 294+75
2	Y		[illegible]	57.5		53.2		
3	W		55.0-57.0	55.4'		51.4		
4	Y		52.7-55.0	[illegible]		49.2		
5	W		[illegible]	50.5		46.2		
6	R	8.04	47.0-[illegible]	[illegible]	4 3/	43.1		
7	Y		[illegible]	[illegible]		40.4		
8	W		[illegible]	41.4'		37.1		
9	Y		[illegible]	[illegible]		34.3		
10	W		[illegible]	[illegible]		31.2		
11	R	[illegible]	[illegible]	[illegible]	4 3/	26.2		
12	Y		[illegible]	29.7		25.4		
13	W		26.0-27.9	26.6		22.3		
14	Y		23.0-25.[illegible]	[illegible]		19.3	END	OF LINE

Boat 294+75(S)
See FB 1184-123

F.B. 1284 PG. 36
Job No. 8412 Division No. Notes Red. HE Plotted No. Profile
Survey of Beach Erosion - Redondo Date 10-16-46 Date X-Sec.
Survey by Kleinick Notes H.R.S. 9-12-46 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

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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
296+65 at B1	296+65 at E	1	E	8 21	180 20	Range Line ∡ = 180° F.S. on 296+65 = B
		2	Y		180 30	
		3	W		180 35	
		4	Y		180 40	
		5	W		180 20	
		6	R	8 25	180 15	
		7	Y		180 40	
		8	W		180 35	
		9	Y		180 50	
		10	W		180 50	
		11	R	8 30	181 05	
		12	Y		181 35	
		13	W		181 20	

Range
296+65(S)
Add'l data
For Orig. See F.B. 1184-127

Profile
No. ____ Date ____ Notes Red ____ Plotted ____ Date ____ Job No. 8412 Division No. ____
X-Sec. Notes Chkd ____ Checked ____ Date ____ Survey of Beach Erosion - Redondo
No. ____ Date ____ Date ____ Survey by Meyers Notes Gulk Date 9-12-46
Map No. ____ Indexed ____ Date ____ E. J. Johnson

F.B. 1284 PG. 37

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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
298+65 at C L	298+65 at C	1	R	847	180 15	Range Line ∡ = 180° F.S. on 298+65 at "C"
		2	Y		180 40	
		3	W		180 15	
		4	Y		180 45	
		5	W		180 25	
		6	R	851	180 55	
		7	Y		180 15	
		8	W		180 45	
		9	Y		180 50	
		10	W		181 10	
		11	R	856	181 10	
		12	Y		181 00	

Range 298+65(S)

See F.B. 1184-139

F.B. 1284 PG. 38

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

Survey of Beach Erosion - Redondo Date Date X-Sec.

Survey by Meineck Notes GWK 9-12-46 Notes Chkd. Checked No.

Indexed A.C. Date Date

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 8412 Division No. _____ F.B. 1284 PG. 39

Date _____ Date _____ Survey of Beach Erosion - Redondo

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by Mleinert Notes J.G. Date 9-12-46

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

Cut-in.
296 + 65 (S)
Add'tl data.
For Orig. Sec F.B. 1184-129

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
PZ	5-18	1	R	8:21	167-45	Range 296+65
		2	Y		168-15	
		3	W		169-10	
		4	Y		170-00	
		5	W		170-50	
		6	R	8:24	172-00	
		7	Y		173-30	
		8	W		175-20	
		9	Y		177-10	
		10	W		179-55	
		11	R	8:30	183-10	
		12	Y		188-40	
		13	W		192-55	

FORM 307 5M 1-46

F.B. 1284 PG. 40

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

Survey of Beach Erosion - Redondo Date _____ Date _____ No. _____

Survey by Meineck Notes J. Gregory 9-12-46 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.

Cut-in
298+65(S)

See notes for
Redondo Pier
F.B. 1184

See FB 1184-135

STATION At	Sight On	B.S. #	H.I. Color	F.S. Time	ELEV. Hor. Ang.	Remarks
Pt Y	Pt Z	1	R	8:47	42-05	Range 298+65
		2	Y		40-35	
		3	W		39-00	
		4	Y		38-[illegible]	
		5	W		37-35	
		6	R	8:50	37-10	
		7	Y		35-55	
		8	W		35-15	
		9	Y		34-[illegible]	
		10	W		32-15	
		11	R	8:56	28-50	
		12	Y		24-[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.

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STATION #	Color	B. S. Time	H. I. ~~Meas.~~ Depth	F. S. Bottom	ELEV. ~~Ht.~~ ~~Tide~~	Adj. Depth		Remarks
1	R	821	59 8	60 8	60.1	4.6	55.5	Same in Range 296+65
2	Y		57 0	58 7	57.6		53.0	
3	W		54 0	56 [illegible]	54.7		50.1	
4	Y		51 0	53 [illegible]	51.7		47.1	
5	W		47 5	49 6	48.2		43.6	
6	R	825	45 0	[illegible]	45.7	4.6	41.1	
7	Y		42 0	44 2	42.7		38.1	
8	W		39 0	41 2	39.7		35.1	
9	Y		36 0	38 0	36.7		32.1	
10	W		33 0	34 7	33.6		29.0	
11	R	830	30 0	32 1	30.7	4.7	26.0	
12	Y		27 0	29 0	27.7		23.0	
13	W		24 0	26 1	24.7		20.0	

Boat
296+65(S)
Add'l data.
For Orig. See
F.B. 1184-131

Profile
No. ____ Date 9-17-46 Notes Red. LMW Plotted ____ Date ____ Job No. 8442 Division No. ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Date 10-16-46 Notes Chkd. HE Checked ____ Date ____ Survey by Merced Notes SSD Date 9/12/46 Map No. ____ Indexed ____ Date ____ C. Johnson

F.B. 1184 PG. 41

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	Wt. Tide BOTTOM	Tide Adj.	Depth		Remarks
1	Y	847	[illegible]	[illegible]	60.0	5°	55°	[illegible]	[illegible]
2	Y		[illegible]	[illegible]	57.6		52.6		
3	W		[illegible]	[illegible]	54.7		49.7		
4	Y		[illegible]	[illegible]	51.7		46.7		
5	W		[illegible]	[illegible]	48.5		43.5		
6	Y	857	45.0	46.5	45.5	5°	40.5		
7	Y		41.8	43.[illegible]	[illegible]		37.0		
8	[illegible]		39.0	[illegible]	37.6		34.6		
9	Y		36.[illegible]	[illegible]	36.[illegible]		31.7		
10	[illegible]		33.[illegible]	[illegible]	[illegible]		28.6		
11	[illegible]	8[illegible]	30.0	31.9	30.[illegible]	5°	25.6		
12	[illegible]		[illegible]	[illegible]	27.[illegible]		22.3	[illegible]	[illegible]

Boat 298465(5)

See FB 1184-137

F.B. 128 PG. 42

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

Survey of Beach Erosion - Redondo Date Date No.

Survey by Klemens Notes S.D. 9-12-46 Notes Chkd. Checked X-Sec.

Indexed C. [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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
300 +65 at D1	300 +65 at "D"	1	R	9.09	18030	Range Line ∡ = 180° F.S. on 300+65 at "D"
		2	Y		18020	
		3	W		18030	
		4	Y		18040	
		5	W		18025	
		6	R	9.13	18020	
		7	Y		18000	
		8	W		18015	
		9	Y		18010	
		10	W		18005	
		11	R	9.16	18000	
		12	Y		17955	

Range 300+65(S) Add'l data.
For Orig. See F.B. 1184-141

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleinecke Notes Gulk Date 9-12-46
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1284 PG. 43

F.B. 284 PG. 44

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	
Inst. Sight At On	#	Color	Time Hor. Ang.		Remarks

FORM 307 2M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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
Pt Y	Pt. Z	1	R	9:08	24-15	Range 300+65
		2	Y		22-15	
		3	W		20-00	
		4	Y		18-30	
		5	W		16-50	
		6	R	9:13	15-25	
		7	Y		14-25	
		8	W		13-25	
		9	Y		12-25	
		10	W		11-05	
		11	R	9:15	9-30	
		12	Y		7-50	

Cut-in
300+65 (S)
Add'l data. For Orig.
See F.B. 1184-143

Profile No. ____ Notes Red. ____ Plotted ____ Date ____
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____
Job No. 847 Division No. ____
Survey of Beach Erosion - Redondo
Survey by Nemech Notes V.G. Date 9-12-46
Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 45

F.B. 128 PG. 46

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	Remarks
Inst. Sight At On	#	Color	Time	Hor. Ang.	

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION #	Color	B. S. Time	H.I. Meas. Depth	F. S. Botom	ELEV. Ht Tide	Adj. Depth		Remarks
1	[illegible]	9 14	[illegible]	[illegible]	5.2	54.9	GOING IN	RANGE 300+65
2	Y		[illegible]	[illegible]		52.5		
3	W		[illegible]	[illegible]		49.5		
4	Y		[illegible]	[illegible]		46.5		
5	W		42.0-50.0	48.7		43.5		
6	R	9 13	[illegible]	44.7	5.2	39.5		
7	Y		41.0-[illegible]	[illegible]		36.2		
8	W		37.5-39.2	38.1		32.9		
9	Y		34.5-36.1	35.0		29.8		
10	W		31.5-[illegible]	32.1		26.9		
11	R	9 16	[illegible]	29.5	5.2	24.3		
12	Y		[illegible]	27.1		21.9	END OF LINE	

Boot
300+65(5)
Add'l data.
For Orig. see
F.B. 1184-145

Profile No. ____ Notes Red SCW Plotted ____ Job No. 8417 Division No. ____ F.B. 1284 Pg. 47
Date 9-17-46 Date ____ Survey of Beach Erosion-Redondo
X-Sec. No. ____ Notes Chkd ____ Checked ____ Survey by Maineck Notes H.R.S. Date 9-12-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 48

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

Survey of _____ Date _____ Date _____

Survey by _____ Notes _____ 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

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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
302 405	5-19	1	R	11 52	96 10	Range Line ∡ = 95°00'30" F.S. on 5-19
		2	Y		95 40	
		3	W		95 20	
		4	Y		95 20	
		5	W		94 55	
		6	Y	11 55	95 00	
		7	Y		95 05	
		8	W		95 20	
		9	Y		95 40	
		10	W		95 50	
		11	R	11 57	94 40	End
		12				

Range
302+65 (S)
Add'l data.
For Orig. see
F.B. 1184-147

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8476 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Hennet Notes Owk Date 9-11-'46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 49

F.B. 1284 PG. 50 | Job No. 8412 | Division No. | Notes Red. | Plotted | Profile

Survey of Beach Erosion - Redondo | Date | Date | No.

Survey by Kleineck | Notes GWK 9-11-46 | Notes Chkd. | Checked | X-Sec.

Indexed A. C. Johnson | 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.		
Inst. At 304+65	Sight On 5.19	#	Color	Time	Hor. Ang.	Remarks
		1	R	1207	95 10	Range Line ∡ = 95°00'50" F.S. on 5.19
		2	Y		95 00	
		3	W		94 45	
		4	Y		95 05	
		5	W		94 [illegible]	
		6	R	210	94 30	
		7	Y		94 55	
		8	W		95 20	
		9	Y		95 05	
		10	W		94 55	
		11	R	1213	95 05	
		12	Y		95 00	
		13	W		94 50	End

Range
304+65 (5)

see FB 1184-155

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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
S-20	S-21	1	R	11:53	130-35	Range 302+65
		2	Y		132-30	
		3	W		133-20	
		4	Y		134-10	
		5	W		135-10	
		6	Y	11:55	136-10	
		7	Y		136-50	
		8	W		137-10	
		9	Y		138-10	
		10	W		139-10	
		11	R	11:57	140-30	
		12	Y		141-40	

Cut-in
302+65(S)
Addt'l data
For Orig. See
F.B. 1184-149

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1284 Pg. 51
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Planeat Notes VG Date 9-11-46
Date ____ Date ____ Map No. ____ Indexed. C. Johnson 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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
S-20	S-21	1	R	12:06	116-10		Range 304+65
		2	Y		116-35		
		3	W		117-30		
		4	Y		119-00		
		5	W		120-50		
		6	R	12:10	122-30		
		7	Y		123-50		
		8	W		125-20		
		9	Y		125-50		
		10	W		127-10		
		11	R	12:12	129-00		
		12	Y		131-35		
		13	W		133-25		

Cut-in 304+65 (S)

See FB 1184-157

F.B. 1284 Pg. 52 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Hlemeck Notes J Gregory 9-11-46 Notes Chkd. Checked X-Sec.
Indexed A. C. Jonnson 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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	11 52	59.8-60.8	60.1	3.2	56.9	GOING IN RANGE 302+65
2	Y		56.7-[illegible]	57.2		54.0	
3	W		53.3-54.8	53.8		50.7	
4	Y		[illegible]	[illegible]		47.0	
5	W		[illegible]	45.9		42.7	
6	Y	11 5[illegible]	[illegible]	41.5	3.2	38.3	SENT [illegible] FOR A RED
7	Y		37.5-38.5	[illegible]		34.6	
8	W		[illegible]	34.5		31.3	
9	Y		30.[illegible]-31.5	30.5		27.3	
10	W		27.0-28.0	[illegible]		24.1	
11	R	11 57	[illegible]	23.9	3.1	20.8	END OF LINE

Boat
302+65.(5)
Add'l data
For Orig. See
F.B. 1184-151

Profile No. ____ Notes Red. LCW Plotted ____ Job No. 84 Division No. ____ F.B. 1284 Pg. 53
Date 9-17-46 Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. E Checked ____ Survey by Wleinecke Notes HRS Date 9-11-46
Date 10-15-46 Date ____ Map No. ____ Indexed C. Johnson 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	12 0.7	59.8-60.8	50.1	3 0	57.1	GOING [illegible] RANGE 304+65
2	Y		56.5 58.0	57.0		54.0	
3	W		53.6 55.0	54.1		51.1	
4	Y		50.1 51.8	50.7		47.7	
5	W		47.0 48.5	47.5		44.5	
6	R	12 10	44.0 45.5	44.5	2 9	41.6	
7	Y		41.0 42.8	41.6		38.7	
8	W		37.5 38.8	37.9		35.0	
9	Y		34.3 35.8	34.8		31.9	
10	W		31.4 33.2	32.0		29.1	
11	R	12 12	28.2 29.5	28.6	2 9	25.7	
12	Y		24.6 26.0	25.1		22.2	
13	W		22.0 23.2	22.9		19.5	END OF LINE

F.B. 1284 PG. 54 Job No. 8412 Division No. Notes Red. H Plotted Profile No.
Survey of Beach Erosion - Redondo Date 10-16-46 Date No.
Survey by Kenneth Notes H.R.S. - 9-11-46 Notes Chkd. Checked X-Sec.
Indexed A. O. Johnson Date Date No.

Boat 304+65 (5)

See F.B. 1184-159

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.		
~~Inst.~~ At	Sight	#	Color	Time	Hor. Ang.	Remarks	
306	5-20	1	R	1225	9030	Range Line ∡ = 90°	F.S. on 5-20
+65		2	Y		8940		
		3	W		8925		
		4	Y		8955		
		5	W		8940		
		6	R	1230	8940		
		7	Y		8935		
		8	W		8935		
		9	Y		8900		
		10	W		8955		
		11	R	1233	8950		
		12	Y		8940	End	

Range
306 +65 (S)
Addt'l data.
For Orig. See F.B. 184-161

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 84/2 Division No. ____ F.B. 1284 Pg. 55
Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Maneck Notes Gulka Date 9-11-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson 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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
308 +65	5-20	1	R	1247	8950	Range Line ∡=90°	F.S. on 5-20
		2	Y		8950		
		3	W		8955		
		4	Y		9000		
		5	W		8955		
		6	R	1250	9005		
		7	W		8950		
		8	W		8940		
		9	Y		9010		
		10	W		8940		
		11	R	1252	8955	End.	

Range 308+65 (5)

See F.B. 1184-169

F.B. 1284 PG. 56 Job No. 847 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Heineck Notes Chkd. Checked X-Sec.
Indexed A. O. 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.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
S-20	S-21	1	R	12:25	120-20	Range 306+65
		2	Y		120-10	
		3	W		120-25	
		4	Y		122-05	
		5	W		123-30	
		6	R	12:30	125-10	
		7	Y		125-40	
		8	W		126-25	
		9	Y		126-35	
		10	W		128-20	
		11	R	12:33	129-40	
		12	Y		131-25	

Cut-in
306+65 (S)
Add'l [illegible]
For Orig. See F.B. 1184-163

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8417 Division No. ____ F.B. 1284 G. 57
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Hlemeck Notes V.G. Date 9-11-46
Date ____ 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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
S-21	S-22	1	R	12:46	134-55		Range 308+65
		2	Y		135-40		
		3	W		136-25		
		4	Y		137-15		
		5	W		138-20		
		6	R	12:50	140-00		
		7	W		140-45		
		8	W		141-50		
		9	Y		142-40		
		10	W		142-55		
		11	R	12:52	143-35		
		~~12~~	~~Y~~		~~143-30~~		

Cut-in 308+65 (S)

See FB 1184-171

F.B. 1280 G. 58 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Meineck Notes J. Gregory 9-11-46 Notes Chkd. Checked X-Sec.
Indexed A. 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.

STATION		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks
1	R	1226	59.7 60.7	60.0	2.7	57.3	GOING IN	RANGE 306+65
2	Y		56.0 57.8	56.6		53.9		
3	W		53.0 54.8	53.6		50.9		
4	Y		50.0 51.5	50.5		47.8		
5	W		47.0 48.6	47.5		44.8		
6	R	1230	43.3 45.5	44.0	2.6	41.4		
7	Y		40.0 41.5	40.5		37.9		
8	W		36.5 38.0	37.0		34.4		
9	Y		33.3 35.0	33.9		31.3 ~~30.3~~		
10	W		30.0 31.8	30.6		28.0		
11	R	1233	26.8 28.2	27.3	2.6	24.7		
12	Y		23.5 24.8	23.9		21.3	END OF LINE	

Boat
306+65 (S)
Add'l data.
For Orig Sec
F.B. 1184-163

Profile No. ____ Notes Red. RCW Plotted ____ Date 9-17-46 Date ____
X:Sec. No. ____ Notes Chkd. HE Checked ____ Date 10-16-46 Date ____
Job No. 8447 Division No. ____ Survey of Beach Erosion - Redondo Survey by Hemec Notes H.R.S. Date 9-11-46 Map No. ____ Indexed Johnson Date ____

F.B. 1284 Pg. 59

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	12 41	59.8-60.8	60.1	2 3/	57.8	GOING IN RANGE 308+65
2	Y		56.4-57.8	56.8		54.5	
3	W		53.0-54.8	53.6		51.3	
4	Y		50.0-51.4	50.5		48.2	
5	W		46.5-48.2	47.1		44.8	
6	R	12 50	43.3-44.4	43.7	2 3/	41.4	
7	W		40.0-41.5	40.5		38.2	WHITE FLAG FOR YELLOW
8	W		36.5-38.0	37.0		34.7	
9	Y		32.8-33.8	33.1		30.8	
10	W		28.5-30.1	29.0		26.7	
11	R	12 53	24.1-26.0	24.7	2 2/	22.5	END OF LINE

Boat
308+65 (5)
See F.B. 1184-173

F.B. 1184 PG. 60
Job No. 8412 Division No.
Survey of Beach Erosion - Redondo
Survey by Meineck Notes H.R. 9-11-46
Indexed O. Johnson Date
Notes Red. HE Date 10-16-46
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. 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 ~~Inst.~~ At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
310 465	5-20	1	R	1 02	8945	Range Line ∡ = 90° F.S. on 5-20
		2	Y		8940	
		3	W		8945	
		4	Y		8940	
		5	W		8950	
		6	R	1 04	8945	
		7	Y		8940	
		8	W		8930	
		9	Y		8900	
		10	W		8810	
		11	R	1 06	8805	
		12				

Range
310 + 65 (S)
Add'l data.
For Orig. Sec 1184-175

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1224 PG. 61
Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Klemack Notes Gault Date 9-11-46
Date ____ Date ____ Map No. ____ Indexed Johnson 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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
312 +65	5-21	1	R	123	86 05	Range Line ∡ = 85°52'	F.S. on 5-21
		2	Y		86 00		
		3	W		86 05		
		4	Y		86 05		
		5	W		86 00		
		6	R	126	86 00		
		7	Y		85 55		
		8	W		86 00		
		9	Y		85 35		
		10	W		85 5		
		11	R	128	84 45		
		12	Y		85 45		

Range 312+65 (5)

See FB 1184-183

F.B. 1284 G. 62 Job No. 847 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Hlemeck Notes GWK 9-11-'46 Notes Chkd. Checked X-Sec.
Indexed C. Jo[illegible] Date Date No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION Inst. At	Sight	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
S-21	S-22	1	R	1:01	131-55	Range 310+65
		2	Y		132-50	
		3	W		134-00	
		4	Y		134-40	
		5	W		135-25	
		6	R	1:04	135-55	
		7	Y		136-50	
		8	W		137-05	
		9	Y		137-20	
		10	W		137-15	
		11	R	1:05	138-10	

Cut-in.
310+65 (S)
Add'l data.
For Orig. See F.B. 1184-173

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 84 Division No. ____ F.B. 1284 Pg. 63
Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Meinecke Notes J.G. Date 9-11-46
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1284 PG. 64 | Job No. 8217 | Division No. | Notes Red. | Plotted | Profile

Survey of Beach Erosion - Redondo | Date | Date | No.

Survey by Klemack | Notes J. Gregory 9-11-46 | Notes Chkd. | Checked | X-Sec.

Indexed O. Johnson | Date | Date | Date | No.

Cut-in.
312+65 (5)

see FB 1184-185

STATION	B. S.	H. I.	F. S.	ELEV.	Remarks
Inst. Sight At 5-21 On 5-22	#	Color	Time Hor. Ang.		Camp 312+65
	1	R	1:22	118-55	
	2	W		117-25	
	3	Y		120-25	
	4	W		121-25	
	5	R		123-30	
	6	Y	1:26	124-15	
	7	W		125-25	
	8	Y		126-40	
	9	R		126-35	
	10	W		127-20	
	11	Y	1:28	127-55	
	12	R		129-40	

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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	13 00 1 02	59.8 60.8	60.1	2.1	58.0	GOING IN	RANGE 310+65
2	Y		56.5-58.0	57.0		54.9		
3	W		53.0 54.3	53.4		51.3		
4	Y		52.0 [illegible]	50.4		48.3		
5	W		46.8 [illegible]	47.3		45.2		
6	R	13 [illegible] 1 04	[illegible]	44.0	2.0	42.0		
7	Y		39.7 40.5	40.0		38.0		
8	W		35.0 36.0	35.3		33.3		
9	Y		31.0 32.0	31.3		29.3		
10	W		[illegible] 28.8	27.7		25.7		
11	R	1 06	24.0 25.3	24.4	2.0	22.4	END OF LINE	

Boat.
310+65(S)
Add'l data.
For Orig. Sec
F.B. 1184-179

Profile No. ____ Notes Red. LCW Plotted ____ Date 9-17-46 Job No. 847 Division No. ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. [illegible] Date 10-16-46 Checked ____ Date ____ Survey by Memeck Notes H.R.S. Date 9-11-46 Map No. ____ Indexed J. Johnson Date ____

F.B. 1284 Pg. 65

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	1 23	57.8 60.8	50.1 ✓	1.8 ~~2.7~~	58.3 ~~57.4~~	GOING IN RANGE 312+65
2	Y		53.4 [illegible]	56.7 ✓		55.1 ~~54.2~~	
3	W		53.0 [illegible]	53.6 ✓		51.8 ~~50.9~~	
4	Y		50.3 51.5	50.5 ✓		48.7 ~~47.8~~	
5	W		47.0 48.2	[illegible] ✓		45.6 ~~44.7~~	
6	R	1 [illegible]	44.[illegible] 45.[illegible]	[illegible] ✓	1.8 ~~2.7~~	42.9 ~~42.0~~	
7	Y		41.0 [illegible]	41.[illegible] ✓		39.6 ~~38.7~~	
8	W		37.0 [illegible]	37.[illegible] ✓		36.6 ~~35.7~~	
9	Y		34.0 35.0	34.3 ✓		32.5 ~~31.6~~	
10	W		30.5 32.0	31.0 ✓ ~~30.8~~		29.2 ~~28.3~~	
11	R	1 28	27.0 28.5	27.5 ✓	1.8 ~~2.8~~	25.7 ~~24.9~~	
12	Y		24.0 [illegible]	24.4 ✓		22.6 ~~21.8~~	END OF LINE

Boat
312+65(S)
See 1184-187

F.B. 1284 G. 66
Job No. 8412 Division No.
Survey of Beach Erosion - Redondo
Survey by Meneck Notes MRS 9-11-46
Indexed A. C. Jordan Date
Notes Red. Wilson Plotted
Date 9-17-46 Date
Notes Chkd. Evans Checked
Date 10-16-46 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.		
314 +65	S-21	1	R	734	85 10	Range Line ∡ = 85°52	F.S. on S-21
		2	Y		85 20		
		3	W		85 20		
		4	Y		85 40		
		5	W		85 50		
		6	R	736	85 50		
		~~7~~	~~Y~~		~~85 50~~	Out	
		8	W		85 50		
		9	Y		85 50		
		10	W		85 50		
		11	R	738	85 40		
		12	Y		85 40		
		13	W		85 40		
		14	Y		85 35		
		15	W		85 25		
		16	E	739	85 20		
		17	Y		85 15		
		18	W		85 20		
		19	Y		85 10		
		20	W		85 20		

Range 314+65 (S)

A rerun - For orig. see F.B. 1184-189

Profile Notes Red ____ Plotted ____ Job No. 847 Division No. ____ F.B. 1284 Pg. 67
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. Notes Chkd. ____ Checked ____ Survey by Meisneck Notes Gwk Date 8-28-'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		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight # On		Color	Time	Hor. Ang.		
314 +65	5-21	21	R	741	85 40	Range Line 314 #65 Cont'd	
		22	Y		85 45		
		23	W		85 55		
		24	Y		86 05		
		25	W		86 00		
		26	R	743	85 50		
		27	Y		85 55		
		28	W		86 10		
		29	Y		86 05		
		30	W		85 55		
		31	R	745	86 20		
		32	Y		86 10		

F.B. 128 Pg. 68

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

Survey of Beach Erosion - Redondo Date Date X-Sec.

Survey by Meineck Notes Stk - 8-28-46 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		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
S-18	S-19	1	R	7-34	44-30	Coming In.	Range 314 + 65
		2	Y		43-50		
		3	W		43-40		
		4	Y		43-40		
		5	W		43-05		
		6	R	7-36	42-50		
		~~7~~	~~Y~~			Missed	
		8	W		42-30		
		9	Y		42-20		
		10	W		42-20		
		11	R	7 38	41-40		
		12	Y		41-40		
		13	W		41-25		
		14	Y		41-05		
		15	W		40-50		
		16	R	7 39	40-40		
		17	Y		40-10		
		18	W		40-10		
		19	Y		39-40		
		20	W		39-10		

Cut-in
314 + 65 (S)

A rerun - For orig. see
F.B. 1184-191

Profile
No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 8412 Division No. ____
X-Sec. Date ____ Date ____ Survey of Beach Erosion - Redondo
No. ____ Date ____ Notes Chkd ____ Checked ____ Survey by Kleineck Notes HWG Date 8-28-46
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 128 Pg. 69

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.		
S-18	S-19	21	R	7-41	38-45	Coming In	Range 314+65
		22	Y		38-20		
		23	W		37-50		
		24	Y		36-[illegible]		
		25	W		36-05		
		26	R	7-43	35-35		
		27	Y		33-[illegible]		
		28	W		33-[illegible]		
		29	Y		32-00		
		30	W		30-55		
		31	R	7-45	29-25		
		32	Y		28-25		

F.B. 128 PG. 70

Job No. 8412 Division No. Notes Red Plotted Profile

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

Survey by Kleinecke Notes HNG 8-28-46 Notes Chkd. Checked

Indexed A. C. Johnson 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	7:34	52.5 53.8	529	2.6	50.3	Range 314+65
2	Y		51.0 52.0	513		48.7	Going In
3	W		48.5 49.5	481		46.2	
4	Y		47.5 49.2	481		45.5	
5	W		46.0 47.0	463		43.7	
6	R	7:37	44.5 46.0	450	2.6	42.4	
~~7~~	~~Y~~		~~43.0 44.0~~	Out			
8	W		42.0 43.0	423		39.7	
9	Y		40.6 42.0	411		38.5	
10	W		39.5 40.5	398		37.2	
11	R	7:38	37.5 38.5	378	2.6	35.2	
12	Y		36.0 37.5	365		33.9	
13	W		34.5 35.5	348		32.2	
14	Y		31.0 33.0	317		29.1	
15	W		29.0 30.0	293		26.7	
16	R	7:39	27.0 29.0	277	2.7	25.0	
17	Y		25.0 26.0	253		22.6	
18	W		22.3 25.0	232		20.5	
19	Y		22.0 23.8	226		19.9	
20	W		21.0 22.6	215		18.8	

Boat
314+65 (5)

A rerun - For orig. see
F.B. 1184-193

Profile No. ____ Notes Red. RCW Plotted ____ Date 9-17-46 Date ____
X:Sec. No. ____ Notes Chkd. HE Checked ____ Date 10-16-46 Date ____
Job No. 8412 Division No. ____ Survey of Beach Erosion - Redondo
Survey by Klemeck Notes RJM Date 8-28-46
Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 71

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	7 40	19.5	21.0	200	2.8	17.2	Range 314+65
22	Y		18.0	19.5	185		15.7	Going In
23	W		16.5	18.0	170		14.2	
24	Y		15.2	16.5	156		12.8	
25	W		14.3	16.0	149		12.1	
26	R	7 43	13.0	15.0	137	2.8	10.9	
27	Y ~~W~~		11.8	13.0	122		9.4	
28	W ~~Y~~		10.7	12.8	114		8.6	
29	Y ~~W~~		9.5	11.0	100		7.2	
30	W ~~Y~~		8.5	10.2	91		6.3	
31	R	7 45	7.4	9.0	79	2.8	5.1	
32	Y		6.0	8.2	67		3.9	End of Line

F.B. 128 PG. 72
Job No. 8412 Division No. Notes Red. LCW Plotted Profile
Survey of Beach Erosion - Redondo Date 9-17-46 Date No.
Survey by Meineck Notes R.M. 8-28-46 Notes Chkd. HE Checked X-Sec.
Indexed A. C. Johnson Date Date 10-16-46 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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
315 +65	5-21	1	R	757	85 20	Range Line ∆ = 85°52' F.S. on 5-21
		2	Y		85 40	
		3	W		85 40	
		4	Y		85 00	
		5	W		84 50	
		6	R	802	84 45	
		7	Y		84 15	
		8	W		84 40	
		9	Y		84 40	
		10	W		84 30	
		11	R	808	85 00	
		12	Y		85 30	
		13	W		85 55	
		14	Y		85 40	
		15	W		85 40	
		16	R	810	85 30	
		17	Y		85 20	
		18	W		85 20	
		19	Y		85 15	
		20	W		85 05	

Range
315 + 65 (S)

A rerun - For orig. see
F.B. 1184-197

Profile No. ____ Notes Red. ____ Plotted ____ Date ____
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____
Job No. 8412 Division No. ____
Survey of Beach Erosion - Redondo
Survey by Klemeck Notes GWK Date 8-28-46
Map No. ____ Index C. Johnson Date ____

F.B. 1284 Pg. 73

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
315 +65	S-21	21	R	812	8[illegible]45	Range Line 315+65 Cont'd	
		22	Y		8430		
		23	W		8420		
		24	Y		8500		
		25	W		8520		
		26	R	814	8530		
		27	Y		8540		
		28	W		85[illegible]5		
		29	Y		8520		
		30	W		85[illegible]5		
		31	R	816	8640		
		32	Y		85[illegible]0		
		33	W		8620		
		34	Y		8530		
		35	W		8550		
		36	R	819	8640		
		37	Y	820	86[illegible]5		
		38	W		8635		
		39	Y		8555		
		40	W		8520		

315+65 RANGE

F.B. 1284 PG. 74 Job No. 8414 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Alemeck Notes SMWK - 8-28-46 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		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On.	#	Color	Time	Hor. Ang.		
S-18	S-19	1	R	757	49-40	45.40 Coming In	Range 315+65
		2	Y		50-10	46.10	
		3	W		50-15	46.15	
		4	Y		49-50	45.50	
		5	W		49-20	45.20	
		6	R	8-02	49-15	45.15	
		7	Y		48-40	44.40 ?	
		8	W		44-20		
		9	Y		44-05		
		10	W		44-10		
		11	R	8-08	44-00		
		12	Y		43-50		
		13	W		43-25		
		14	Y		43-10		
		15	W		43-05		
		16	R	8-10	43-00		
		17	Y		42-45		
		18	W		42-35		
		19	Y		42-30		
		20	W		42-25		

Cut in
315+65 (S)

A rerun - For Orig. See
F.B. 1184-201

Profile
No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 8412 Division No. ____
X-Sec. Date ____ Date ____ Survey of Beach Erosion - Redondo
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by Kleinecke Notes HWG Date 8-28-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 75

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.		
S-18	S-19	21	R	8-12	42-00	Coming In	Range 315+65
		22	Y		41-50		
		23	W		41-45		
		24	Y		40-55		
		25	W		40-35		
		26	R	8-14	40-05		
		27	Y		39-25		
		28	W		38-55		
		29	Y		38-20		
		30	W		37-25		
		31	R	8-16	36-25		
		32	Y		35-50		
		33	W		34-30		
		34	Y		32-50		
		35	W		32-25		
		36	R	8-19	31-30		
		37	Y		30-10		
		38	W		29-30		
		39	Y		28-40		
		40	W		27-50		

F.B. 128 PG. 26
Job No. 8412 Division No. Notes Red. Plotted
Survey of Beach Erosion - Redondo Date Date No.
Survey by Kleineck Notes HWG 8-28-46 Notes Chkd. Checked X-Sec.
Indexed A. O. Johnson Date Date Date No.
Profile

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 58	52.5 54.0	530	3.1	49.9	Range	315+65
2	Y		51.5 53.5	522		49.1		Going In
3	W		50.5 52.2	511		48.0		
4	Y		49.5 51.2	501		47.0		
5	W		48.3 50.5	490		45.9		
6	R	8 02	47.2 50.0	481	3.1	45.0		
7	Y		46.0 48.2	467		43.6		
8	W		44.8 45.8	451		42.0		
9	Y		43.2 44.5	436		40.5	(1)	
10	W		42.0 43.2	424		39.3		
11	R	8 08	41.0 43.0	417	3.3	38.4		
12	Y		40.0 42.0	407		37.4		
13	W		38.8 40.8	395		36.2		
14	Y		37.3 38.9	378		34.5		
15	W		36.0 37.5	365		33.2		
16	R	8 10	35.0 36.5	355	3.4	32.1		
17	Y		34.0 36.0	347		31.3		
18	W		33.0 34.2	334		30.0		
19	Y		31.8 33.2	323		28.9		
20	W		30.5 31.7	309		27.5		

Boat
315+65 (S)

Arerun - For orig. See
F.B. 1184-205

Profile No. ____ Notes Red. Lowe Date 9-18-46 Plotted ____ Date ____
X:Sec. No. ____ Notes Chkd. HE Date 10-16-46 Checked ____ Date ____
Job No. 8476 Division No. ____ Survey of Beach Erosion - Redondo Survey by Planeet Notes RJM Date 8-26-46 Map No. ____ Checked C. Johnson Date ____

F.B. 1184 Pg. 77

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. 12 PG. 78
Survey of Beach Erosion Redondo
Survey by Wenzel
Indexed A. C. Jonkman
Job No. 842-2 Division No.
Notes
Date
Notes Red. Lout
Date 9-18-46
Notes Chkd. HE
Date 10-16-46
Plotted
Date
Checked
Date
Profile No.
X-Sec. No.

STATION #	Color	B. S. Time	H. I. Meas. Depth		F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
21	R	8 12	29.5	30.8	29 9	3.4	26.5 ~~26.0~~	Range 315+65
22	Y		28.0	30.0	287		25.3	Going in
23	W		26.8	28.0	272		23.8	
24	Y		25.0	27.0	257		22.3	
25	W		23.5	25.5	242		20.8	
26	R	8 14	22.5	24.0	230	3.4	19.6	
27	Y		21.5	23.0	220		18.6	
28	W		20.2	~~22.2~~	209		17.5	
29	Y		18.5	20.5	192		15.8	
30	W		17.4	19.2	180		14.6	
31	R	8 16	16.2	17.8	167	3.5	13.2	
32	Y		15.0	17.0	157		12.2	
33	W		13.8	15.3	143		10.8	
34	Y		12.8	14.8	135		10.0	
35	W		11.5	13.2	121		8.6	
36	R	8 19	10.5	11.2	107	3.5	7.2	
37	Y		9.5	11.0	100		6.5	
38	W		8.2	10.2	89		5.4	
39	Y		7.2	8.8	77		4.2	
40	W		5.8	7.8	65		3.0	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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
318 + 15.87	5-22	1	R	839	8205	Range Line ∡ = 82°30' F.S. on 5-22
		2	Y		8200	
		3	W		8200	
		4	Y		8200	
		5	W		8155	
		6	R	842	8125	
		~~7~~	~~Y~~		~~8130~~	out.
		8	W		8140	
		9	Y		8040	
		10	W		8050	
		11	R	843	8110	
		12	Y		8115	
		13	W		8140	
		14	Y		8340	
		15	W		8340	
		16	R	845	8330	
		17	Y		8325	
		18	W		8345	
		19	Y		8405	
		20	W		8335	

Range
318+15.87 (S)

A rerun - For orig. see
F.B. 1184-217

Profile No. ____ Notes Red. ____ Plotted ____ Date ____
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____
Job No. 8412 Division No. ____ Survey of Beach Erosion - Redondo Survey by Nieneck Notes G.W.K. Date 8-28-46 Map No. ____ Mapped C. Johnson Date ____
F.B. 1284 Pg. 79

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
318	5-22	21	R	848	8320	Range Line 318+15.87 Cont'd	
45.87		22	Y		8325		
		23	W		8320		
		24	Y		8255		
		25	W		8240		

F.B. 1284 PG. 80
Job No. 8412 Division No.
Notes Red. Date
Plotted Date
Profile No.
Survey of Beach Erosion - Redondo
Survey by Meineck Notes GWK - 8-28-46 Notes Chkd. Date
Checked Date
X-Sec. 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		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang.		
S-18	S-19	1	R	8-40	45-10	Coming In.	Range 318+15 87
		2	Y		44-55		
		3	W		44-40		
		4	Y		44-45		
		5	W		44-50		
		6	R	8-42	44-30		
		~~7~~	~~Y~~			Missed	
		8	W		44-10		
		9	Y		44-10		
		10	W		44-00		
		11	R	8-44	43-55		
		12	Y		43-55		
		13	W		44-00		
		14	Y		43-55		
		15	W		43-40		
		16	R	8-45	43-30		
		17	Y		43-30		
		18	W		43-30		
		19	Y		43-25		
		20	W		42-45		

Cut-in.
318+15.87. (S)
A rerun - For orig. See
F.B. 1184-219

Profile
No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 8412 Division No. ____
X-Sec. Notes Chkd ____ Checked ____ Survey of Beach Erosion - Redondo
No. ____ Date ____ Date ____ Survey by Kleinecke Notes H.W.G. Date 8-28-46
Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 Pg. 81

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.		
S-18	S-19	21	R	8-47	42-30	Coming In	Range 318+15-87
		22	Y		42-20		
		23	W		42-10		
		24	Y		41-15		
		25	W		40-50		

F.B. 1784 PG. 82

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

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

Survey by Kleneck Notes HWG - 8-28-46 Notes Chkd. Checked

Indexed A. C. Johnson 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	8 40	535 550	540	3.9	50.1	Range	318 + 15 87
2	Y		522 538	527		48.8	Going	in
3	W		508 518	511		47.2		
4	Y		492 503	496		45.7		
5	W		479 502	487		44.5		
6	R	8 41	466 484	472	3.9	43.3		
~~7~~	~~Y~~		~~450 465~~	Out.				
8	W		435 448	439		40.0		
9	Y		425 440	430		39.1		
10	W		413 430	419		38.0		
11	R	8 43	402 415	406	3.9	36.7		
12	Y		390 408	396		35.7		
13	W		380 405	388		34.9		
14	Y		370 383	374		33.5		
15	W		350 372	357		31.8		
16	R	8 46	340 360	350	4.0	31.0		
17	Y		332 350	322		29.8		
18	W		320 338	326		28.6		
19	Y		310 330	317		27.7		
20	W		298 313	303		26.3		

Boat
318+15.87 (S)
A Rend-For orig. See
F.B. 1184-223

Profile No. ____ Notes Red. Lowe Plotted ____ Job No. 8412 Division No. ____ Beach Erosion - Section
Date 9-18-46 Date ____ Survey of ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Wemmell Notes RJW Date 8-28-46
Date ____ Date ____ Map No. ____ Indexed J. Johnson Date ____

F.B./1284 PG. 83

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	8 48	28.6 30.0	29 1	4.0	25.1	Range 318+15.87
22	Y		27.5 29.2	28 1		24.1	Going In
23	W		26.3 28.3	27 0		23.0	
24	Y		25.0 27.0	25 7		21.7	
25	W		23.8 25.8	24 5		20.5	End of Line
27	Y						
28	W						
29	Y						
30	W						
31	R						
32	Y						
33	W						
34	Y						
35	W						
36	R						
37	Y						
38	W						
39	Y						
40	W						

F.B. 128 PG. 84
Job No. 8412 Division No. Notes Red. Lower Plotted No. Profile
Survey of Beach Erosion - Redondo Date 9-18-46 Date X-Sec.
Survey by Kleineck Notes R.J.M. - 8-28-46 Notes Chkd. Checked No.
Indexed C. 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 ~~Inst.~~ At	~~Sight~~ On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
319 400	5-22					Range Line ∡ = 79° F.S. on 5-22
		1	C	901	7930	
		2	Y		7940	
		3	W		7940	
		4	Y		7935	
		5	W		7945	
		6	R	903	7930	
		7	Y		7935	
		8	W		7940	
		9	Y		7935	
		10	W		7930	
		11	R	905	7930	
		12	Y		7925	
		13	W		7920	
		14	Y		7920	
		15	W		7910	
		16	R	906	7925	
		17	Y		7925	
		18	W		7905	
		19	Y		7900	

Range.
319+00 (S)

A rerun-For orig. see
F.B. 1184-227

Profile No. ____ Notes Red. ____ Plotted ____ Date ____
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____
Job No. 842 Division No. ____ Survey of Beach Erosion - Redondo
Survey by Maineck Notes Jones Date 8-28-42
Map No. ____ Indexed ____ Date ____

F.B. 1289 Pg. 85

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
319		5-22/20	W		7855	Range Line 319+00 Cont'd	
400		21	R	905	7855		
		22	Y		7900		
		23	W		7900		
		24	Y		7[illegible]		

F.B. 128 PG. 86
Job No. 8412 Division No.
Survey of Beach Erosion - Redondo
Survey by Meineck Notes GWK - 8-28-46
Indexed A. C. Johnson Date
Notes Red. Date
Notes Chkd. Date
Plotted Date
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.		
S-18	S-19	1	R	9-01	44-30	Coming In.	Range 319+00
		2	Y		44-05		
		3	W		43-50		
		4	Y		43-50		
		5	W		43-55		
		6	R	9-03	43-30		
		7	Y		43-15		
		8	W		43-20		
		9	Y		43-20		
		10	W		43-20		
		11	R	9-05	43-15		
		12	Y		43-10		
		13	W		43-05		
		14	Y		43-00		
		15	W		42-55		
		16	R	9-07	42-50		
		17	Y		42-30		
		18	W		42-20		
		19	Y		42-10		
		20	W		42-05		

Cut-in.
319+00 (S)

A rerun - For orig. see
F.B. 1184-229

Profile
No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 8412 Division No. ____
X-Sec. Date ____ Date ____ Survey of Beach Erosion - Redondo
No. ____ Notes Chkd ____ Checked ____ Survey by Kleinsch Notes HWG Date 8-28-46
Date ____ Date ____ Map No. ____ Indexed J. Johnson Date ____

F.B. 1284 Pg. 87

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	Coming In	Range 319+00
S-18	S-19	21	R	9-08	41-45		
		22	Y		41-45		
		23	W		41-15		
		24	Y		41-00		

F.B. 1284 PG. 88

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

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

Survey by Kleineck Notes HW 6 8-28-46 Notes Chkd. Checked

Indexed A. C. Johnson 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	9 01	532	548	537	4.2	49.5	Range	319+00
2	Y		531	540	527		48.5	Going	In
3	W		510	523	514		47.2		
4	Y		498	506	501		45.9		
5	W		495	509	490		44.8		
6	R	9 03	47.0	48.5	475	4.2	43.3		
7	Y		45.5	47.0	460		41.8		
8	W		44.0	45.2	444		40.2		
9	Y		42.5	43.3	429		38.7		
10	W		41.8	42.4	423		38.1		
11	R	9 05	403	413	406	4.5	36.3		
12	Y		39.0	40.2	394		35.1		
13	W		37.8	39.2	383		34.0		
14	Y		36.5	38.0	370		32.7		
15	W		35.5	37.8	363		32.0		
16	R	9 07	34.2	38.0	355	4.5	31.2		
17	Y		32.5	35.0	333		29.0		
18	W		31.5	33.0	320		27.7		
19	Y		30.2	32.3	309		26.6 ~~26.6~~		
20	W		29.2	31.2	299		25.6		

Root
319+00 (S)
Drain-Forrig. See
F.B. 1184-~~207~~ 231

Profile No. ____ Notes Red. Flue Date 9-18-46 Plotted ____ Date ____ Job No. 84120 Division No. ____ Survey of Beach Estates-Redondo
X:Sec. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Braun & Notes RJM Date 8-28-46
Map No. ____ Checked J. Jordison Date ____
F.B. 1184 Pg. 89

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	409	28.0 30.0	287	4.3	24.4	Range 319+00
22	Y		26.8 28.3	273		23.0	Going In
23	W		25.8 28.0	205		22.2	
24	Y		24.6 26.7	253		21.0	End of Line

F.B. 1280 PG. 90
Job No. 842 Division No. Notes Red. Lewis Plotted Profile
Survey of Beach Erosion-Redondo Date 9-18-46 Date No.
Survey by Meneck Notes RJM-8-28-46 Notes Chkd. Checked X-Sec.
Indexed A. 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.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
320 450	5-22	1	R	942	7920	Range Line ∡ = 78° F.S. on 5-22
		2	Y		7935	
		3	W		7950	
		4	Y		8000	
		5	W		8015	
		6	R	943	7955	
		7	Y		7955	
		8	W		7800	
		9	Y		7800	
		10	W		7805	
		11	R	947	7820	
		~~12~~	~~Y~~		~~7810~~	Out
		13	W		7830	
		14	Y		7900	
		15	W		7900	
		16	R	949	7900	
		17	Y		7845	
		18	W		7820	
		19	Y		7820	
		20	W		7835	

Range
320+50 (S)

A rerun - For orig. See
FB1184-235

Profile No. ____ Notes Red. ____ Plotted ____ Date ____
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____
Job No. 842 Division No. ____ Survey of Beach Erosion - Redondo
Survey by Kleineck Notes GWL Date 8-28-46
Map No. ____ Indexed Johnson Date ____
F.B. 1184 Pg. 91

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
320	S-22	21	Y		7855	Range Line 320+50 Cont'd	
~~450~~		~~22~~	~~R~~	~~9 53~~	~~7900~~	Out.	
		23	Y		[illegible]		
		24	W		7900		
		25	Y		8000		

F.B. 1284 PG. 92
Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Kleineck Notes Chkd. Checked X-Sec.
Indexed A. 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.		
Inst ~~Ht~~	Sight On	#	Color	Time	Hor. Ang.		
308+65	S-20	1	R	9-42	37-20	Coming In	Range 320+50
		2	Y		37-15		
		3	W		37-15		
		4	Y		37-10		
		5	W		36-40		
		6	R	9-44	36-20		
		7	Y		36-15		
		8	W		36-25		
		9	Y		36-20		
		10	W		36-10		
		11	R	9.46	36-10		
		~~12~~	~~Y~~			Missed	
		13	W		35-50		
		14	Y		35-10		
		15	W		35-00		
		16	R	9 49	34-50		
		17	Y		34-05		
		18	W		32-35		
		19	Y		32-15		
		20	W		31-30		

Cut-in.
320+50 (S)
A rerun - For orig. see
FB 1184-237

Profile
No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 8412 Division No. ____
X-Sec. Date ____ Notes Chkd ____ Checked ____ Survey of Beach Erosion
No. ____ Date ____ Date ____ Survey by Kleinecke Notes HWG Date 8-28-46
Map No. ____ Indexed ____ Date ____

F.B. 128A Pg. 93

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.		
308+65	S-20		~~R~~		~~30~~	Coming In	Range 320+50
		21	Y		30-50		
		22				R-missed.	
		23	Y		30-00		
		24	W		29-50		
		25	Y		28-50		

F.B. 128 PG. 94

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

Survey of Beach Erosion-Redondo Date Date X-Sec.

Survey by Kleinecke Notes HW 8-28-46 Notes Chkd. Checked No.

Indexed C. Jobbins 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	9 42	54.0 55.2	544	4.6	49.8	Range	320+50
2	Y		52.8 54.2	533		48.7	Going	In
3	W		51.5 53.2	521		47.5		
4	Y		50.3 52.2	509		46.3		
5	W		49.0 50.3	494		44.8		
6	R	9 44	47.8 50.5	487	4.7	44.0		
7	Y		46.3 47.0	465		41.8		
8	W		44.8 46.2	453		40.6		
9	Y		43.4 45.0	439		39.2		
10	W		42.0 43.4	425		37.8		
11	R	9 47	40.8 42.2	413	4.7	36.6		
~~12~~	~~Y~~		~~39.8 41.5~~	~~404~~	Out			
13	W		38.5 40.2	391		34.4		
14	Y		37.2 39.2	379		33.2		
15	W		36.2 38.5	370		32.3		
16	R	9 49	35.0 37.5	357	4.7	31.1		
17	Y		33.8 36.0	345		29.8		
18	W		32.8 34.8	335		28.8		
19	Y		31.8 33.8	325		27.8		
20	W		30.8 32.8	315		26.8		

Boat
320+50 (S)

A rerun - For orig. See
F.B. 1184 - ~~235~~ 239

Profile No. ____ Notes Red. Low Plotted ____ Date 9-18-46 Date ____
X:Sec. No. ____ Notes Chkd. [illegible] Checked ____ Date 10-16-46 Date ____
Job No. 8412 Division No. ____
Survey of Beach Erosion - Redondo
Survey by Memeck Notes RJM Date 8-28-46
Map No. ____ Indexed Johnson Date ____

F.B. 1284 PG. 95

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	Y	~~9 53~~	29.3 31.5	304	4.7	25.7	Range 320+50
~~22~~	~~R~~	~~9 53~~	~~28.5 30.8~~	~~Out~~			Going In
23	Y		27.3 29.3	280	4.7	23.3	
24	W		26.0 28.0	267		22.0	
25	Y		24.3 26.3	250		20.3	End of Line

F.B. 1284 PG. 96
Job No 8412 Division No.
Survey of Beach Erosion - Redondo
Survey by Meineck Notes RJM. 8-28-46
Indexed A. C. Johnson Date
Notes Red. LWW Date 9-18-46
Notes Chkd. [illegible] Date 10-16-46
Plotted Date
Checked Date
Profile No.
X-Sec. 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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
322 +00	5-22	1	R	1009	8015	Range Line ∡ = 80° F.S. on 5-22
		2	Y		8035	
		3	W		8050	
		4	Y		8100	
		5	W		8035	
		6	R	1011	7950	
		7	Y		7950	
		8	W		8025	
		~~9~~	~~Y~~		~~8110~~	Out
		~~10~~	~~W~~		~~8110~~	Out.
		11	R	1012	8025	
		12	Y		8110	
		13	W		7920	
		14	Y		7950	
		15	W		7940	
		16	R	1018	7920	
		17	Y		7915	
		18	W		7925	
		19	Y		7845	
		20	W		7840	

Range
322 + 00 (5)

Arrow - For Orig. See
FB 1184-241

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1284 Pg. 97
Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Kleinert Notes SWK Date 8-28-46
Date ____ Date ____ Map No. ____ Indexed. Jordan 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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
322	5-22	21	R	1021	78[illegible]	Range Line 322+00 Cont'd	
+00		~~22~~	~~Y~~		~~78[illegible]~~	Out.	
		23	W		79.00		
		24	Y		7[illegible]		
		25	W		7[illegible]		
		26	R	1026	78[illegible]		
		27	Y		7[illegible]		
		28	W		7[illegible]		

F.B. 1284 PG. 98
Job No. 8412 Division No.
Survey of Beach Erosion - Redondo
Survey by Kleineck Notes G.W.K. - 8-28-46
Indexed A. C. Johnson Date
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. 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 ~~Inst.~~ At	~~Sight~~ On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
308+65	S-20	1	R	10 09	37-00	Coming In	Range 322+00
		2	Y		36 55		
		3	W		36-40		
		4	Y		36-20		
		5	W		36 10		
		6	R	10 11	35 50		
		7	Y		35-50		
		8	W		35 45		
		~~9~~				Missed	
		~~10~~				"	
		11	R	10 12	35-30		
		12	Y		35-40		
		13	W		35-50		
		14	Y		35 50		
		15	W		35 25		
		16	R	10 19	35-10		
		17	Y		34 50		
		18	W		34-55		
		19	Y		34-20		
		20	W		34-10		

Cut-in
322+00 (S)

A rerun - For orig. see
F.B. 1184-23

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1284 Pg. 99
Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Kleinech Notes Hw16 Date 8-28-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson 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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
308+65	S-20	21	R	10-21	33-50	Coming In	Range 322+00
		~~22~~				Missed.	
		23	W		33-10		
		24	Y		32-45		
		25	W		32-30		
		26	R	10·25	32-10		
		27	Y		31-30		
		28	W		30-30		

F.B./28 PG. 100

Job No. 8412 Division No.

Survey of Beach Erosion - Redondo

Survey by Kleinert Notes H.W.G. 8-28-46

Indexed C. Johnson Date

Notes Red. Date

Notes Chkd. Date

Plotted Date

Checked Date

Profile No.

X-Sec. 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	10 09	55.5 56.6	55.9	4.8	51.1	Range	322+00
2	Y		54.8 55.9	55.2		50.4	Going	In
3	W		53.0 54.7	536		48.8		
4	Y		52.0 53.5	525		47.7		
5	W		50.8 51.8	511		46.3		
6	R	10 11	49.0 50.2	494	4.8	44.6		
7	Y		48.0 49.0	483		43.5		
8	W		46.8 47.9	472		42.4		
~~9~~	~~Y~~		~~45.4 46.8~~	~~Out~~				
~~10~~	~~W~~		~~43.7 45.0~~	~~Out~~				
11	R	10 13	42.0 43.3	424	4.8	37.6		
12	Y		41.5 42.0	417		36.9		
13	W		40.[illegible] [illegible]	406		35.8		
14	Y		38.8 39.5	390		34.2		
15	W		37.9 38.8	382		33.4		
16	R	10 18	36.0 37.2	364	4.8	31.6		
17	Y		34.8 36.4	353		30.5		
18	W		33.9 35.4	344		29.6		
19	Y		32.8 34.2	333		28.5		
20	W		31.7 33.0	321		27.3		

Boat.
322+00(5)

A rerun - For orig. See
F.B. 1184-245

Profile No. ____ Notes Red. LCW Plotted ____ Date 9-18-46 Date ____
X:Sec. No. ____ Notes Chkd. [illegible] Checked ____ Date 10-16-46 Date ____
Job No. 8412 Division No. ____ Survey of Beach Erosion - Redondo
Survey by Niemeck Notes RJM Date 8-28-46
Map No. ____ Mapped D. Johnson Date ____

F.B. 1284 PG. 101

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	10 20	31.0	32.6	315	4.8	26.7	Range 322+00
22	Y		30.0	31.5	Out			Going In
23	W		29.0	30.4	295		24.7	
24	Y		28.2	29.4	286		23.8	
25	W		27.0	28.4	275		22.7	
26	R	10 24	26.2	27.8	267	4.8	21.9	
27	Y		25.2	26.6	257		20.9	
28	W		24.0	25.8	246		19.8	End of Line

F.B. 128 PG. 102
Job No. RAV Division No.
Survey of Beach Erosion - Redondo
Survey by Fleineck Notes RJM 8-28-46
Indexed A. C. Johnson Date
Notes Red. LCW Plotted
Date 9-18-46 Date
Notes Chkd. Checked
Date Date
Profile No.
X-Sec. 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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
323 +00	5-22	1	R	1041	82 15	Range Line ∡ = 82°15' F.S. on 5-22
		2	Y		82 20	
		3	W		82 15	
		4	Y		82 15	
		5	W		82 05	
		6	R	1042	81 50	
		7	Y		81 45	
		8	W		81 50	
		9	Y		82 05	
		10	W		81 55	
		11	R	1044	81 45	
		12	Y		81 55	
		13	W		82 00	
		14	Y		82 05	
		15	W		82 05	
		16	R	1045	82 10	
		17	Y		82 00	
		18	W		81 55	
		19	Y		81 35	
		20	W		81 40	

Range
323 +00 (S)

Arenn - For orig. see
F.B. 1184-249

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1284 Pg. 103
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Blaweck Notes Gwk Date 8-28-46
Date ____ Date ____ Map No. ____ Indexed J. Johnson 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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
323+00	5-22	21	C	1048	8[illegible]45	Range Line 323+00 Cont'd	
		22	Y		8150		
		23	W		8200		
		24	Y		8210		
		25	W		8205		
		26	C	1050	8[illegible]00		
		27	Y		8120		
		28	W		8[illegible]5		

F.B. 1284 PG. 104
Job No. 8417 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Alleneck Notes Sept-8-28-46 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.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
308+65	S-20	1	R	10 41	38-00	Coming In Range 323+00
		2	Y		37-50	
		3	W		37-45	
		4	Y		37-40	
		5	W		37-30	
		6	R	10 42	37-20	
		7	Y		37-10	
		8	W		37-00	
		9	Y		36-55	
		10	W		36-50	
		11	R	10 44	36-30	
		12	Y		36-25	
		13	W		36 20	
		14	Y		36-10	
		15	W		35-50	
		16	R	10 45	35 30	
		17	Y		35-10	
		18	W		35-05	
		19	Y		34-50	
		20	W		34-35	

Cut-in.
323+00 (S)
A rerun - For orig. see
F.B. 1184-251

Profile No. ____ Notes Red. ____ Plotted ____ Date ____
X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____
Job No. 8412 Division No. ____ Survey of Beach Erosion - Redondo Survey by Kleinech Notes HW6 Date 8-28-46 Map No. ____ Indexed Johnson Date ____

F.B. 1284 PG. 105

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
308+65	S-20	21	R	10 48	34 10	Coming In	Range 323+00
		22	Y		33 50		
		23	W		33-30		
		24	Y		33-10		
		25	W		32 45		
		26	R	10 50	32-15		
		27	Y		31-40		
		28	W		31-00		

F.B. 128 PG. 106
Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Kleineck Notes H.W.G. 8-28-46 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.

STATION		B. S.	H. I.	F. S.	ELEV.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	10 41	54.8 56.2	553	4.8	50.5	Range 323+00
2	Y		53.7 55.2	542		49.4	Going In
3	W		52.6 54.0	531		48.3	
4	Y		51.8 53.2	523		47.5	
5	W		50.7 52.3	512		46.4	
6	R	10 43	49.5 50.9	500	4.8	45.2	
7	Y		48.6 50.0	491		44.3	
8	W		47.4 48.8	479		43.1	
9	Y		46.0 47.6	465		41.7	
10	W		45.0 46.6	455		40.7	
11	R	10 44	44.0 45.4	445	4.8	39.7	
12	Y		43.0 44.6	435		38.7	
13	W		41.8 43.4	423		37.5	
14	Y		40.8 41.3	410		36.2	
15	W		39.6 41.0	401		35.3	
16	R	10 46	38.0 39.6	385	4.8	33.7	
17	Y		36.8 38.0	372		32.4	
18	W		35.2 36.7	357		30.9	
19	Y		34.0 35.6	345		29.7	
20	W		33.0 34.6	335		28.7	

Boat
323+00 (S)

Arerun - For Orig. see
F.B. 1184-253

Profile No. ____ Notes Red. LCW Plotted ____ Date 9-18-46 Date ____
X:Sec. No. ____ Notes Chkd. HE Checked ____ Date 10-17-46 Date ____
Job No. 8412 Division No. ____ Survey of Beach Erosion - Redondo
Survey by Klemeck Notes RJM Date 8-28-46
Map No. ____ Indexed ____ Date ____

F.B. 1284 PG. 107

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	10 48	32.0 33.5	325	4.8	27.7	Range	373+00
22	Y		31.0 32.6	315		26.7	Going	In
23	W		30.0 31.2	304		25.6		
24	Y		29.0 30.5	295		24.7		
25	W		28.1 29.7	286		23.8		
26	R	10 51	27.0 28.5	275	4.7	22.8		
27	Y		25.8 26.2	259		21.2		
28	W		24.7 26.2	252		20.5	End of	Line

F.B. 1780 PG. 108
Job No. 8412 Division No.
Survey of Beach Erosion - Redondo
Survey by Mainack Notes 8-17 8-28-46
Indexed A. C. Johnson Date
Notes Red. Lowe Date 9-18-46
Notes Chkd. [illegible] Date 10-17-46
Plotted Date
Checked 1
Profile No.
X-Sec. No.

FORM 307 5M 7-43

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

373

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.		
253+10-S	242	1979		1737	From pg. 12 Range Line ∡ = 91°45 off 254+00	
			246	1733	5.6' R. Edge walk	
			17	181	25.' R Beach	
			32	166	48' R "	
			58	140	110' R. "	
			69	129	180' R "	
			71	127	240 R "	
			77	121	300' R "	
			97	101	332' R "	
T.P.	198	1009	1168	811	373' R "	
			37	64	404' R "	
			58	43	439' R "	
			89	12	515' R	
			101	00	583' R "	
			109	-08	619' R "	
			116	-15	643' R "	

Shore.
253+10(S)

Profile
No. ____ Date 9-19-46 Date ____
X-Sec. Notes Chkd. ____ Checked ____
No. ____ Date ____ Date ____

Notes Red. RCW Plotted ____
Job No. 8442 Division No. ____
Survey of Beach Erosion
Survey by Flowers Notes GWK Date 8-16-46
Map No. ____ Indexed C. Johnson Date 10-4-46

F.B. 1284 PG. 109

FORM 307 5M 7-43

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.		
250+00 -S	317	2082		1765	From pg. 12.	
					Range Line ∡ 90°	F.S. on 5-12
			326	1756	5' R. - Ed. walk	
			24	184	24' R - Beach.	
			62	146	93' R - "	
			76	132	165' R - "	
			67	141	221' R - "	
			93	115	256' R - "	
T.P.	113	998	1197	885	300' R - "	
			22	[illegible]	327' R - "	
			93	[illegible]	448' R - "	
			102	-[illegible]	516' R - "	
			117	-17	668' R - "	

Shore
250+00(S)

F.B. 128A PG. 110
Survey of Beach Erosion Job No. 8412 Division No. ____ Notes Red. Lout Plotted ____ Profile ____
Survey by Alameda Notes Gwk - 8-16-46 Date 9-19-46 Date ____ No. ____
Indexed ____ Date ____ Notes Chkd. ____ Checked ____ X-Sec. ____
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.		
~~Inst.~~ At	~~Sight~~ On	#	Color	Time	Hor. Ang.	Remarks	
253+10	254+00	1	R	728	91 20	Range Line ∡ = 91°45' F.S. on 254+00	
		2	Y		9200		
		3	W		9205		
		4	Y		9210		
		5	W		9215		
		6	R	733	9205		
		7	Y		9150		
		8	W		9130		
		9	Y		9130		
		10	W		9200		
		11	R	740	9215		
		12	Y		9130		
		13	W		9140		
		14	Y		9145		
		15	W		9210		
		16	R	746	9155		
		17	Y		9155		
		18	W		9200		
		19	Y		9155		
		20	W		9145		

Range
253+10 (S)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8442 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Hleinsch Notes GWK Date 8-13-'46
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1784 PG. 111

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
253 +10	254 +00	21	R	7 50	92 15	253+10 Cont'd	
		22	Y		92 15	End	
		~~23~~					

F.B. 1284 G. 112
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Klemmer Notes Gwk - 8-13-46
Indexed A. C. Johnson Date
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. 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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
245+00	S-12	1	R	7 28	64° 05'	COMING IN	RANGE 253+10
		2	Y		63° 05'		
		3	W		63° 40'		
		4	Y		63° 10'		
		5	W		62° 50'		
		6	R	7 33	61° 55'		
		7	Y		61° 00'		
		8	W		60° 15'		
		9	Y		58° 55'		
		10	W		58° 20'		
		11	R	7. 40	56° 50'		
		12	Y		54° 25'		
		13	W		52° 40'		
		14	Y		51° 10'		
		15	W		49° 50'		
		16	R	7 46	48° 20'		
		17	Y		47° 40'		
		18	W		46° 40'		
		19	Y		44° 50'		
		20	W		43° 30'		

Cut-in
253+10(S)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Heineck Notes STOCK Date 8-13-46
Date ____ Date ____ Map No. ____ Indexed J. Johnson Date ____

F.B. 1284 Pg. 113

F.B. 1284 PG. 114 | Job No. 8412 | Division No. | Notes Red. | Plotted | Profile

Survey of Beach Erosion | Date | Date | No.

Survey by Hlenock | Notes STOCK-8-13-46 | Notes Chkd. | Checked | X-Sec.

Indexed C. 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.	Remarks
Inst. Sight At	#	Color	Time Hor. Ang.		
245+00 S-12	21	R	7 50	3° 10'	COMING IN
	22	Y		4° 00'	END OF LINE
					RANGE 253+10 ~~255+10~~

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 27	27.7	29.2	28.2	2.5	25.7	Range	253+10
2	Y		27.0	28.8	27.6		25.1		
3	W		25.8	27.8	26.5		24.0	Going	In
4	Y		24.8	26.6	25.1		22.7		
5	W		23.8	25.8	24.5		22.0		
6	R	7 33	22.6	24.7	23.3	2.[illegible]	20.[illegible]		
7	Y		21.2	22.8	21.7		19.1		
8	W		20.2	22.0	20.8		18.2		
9	Y		18.8	21.3	~~19.3~~ 19.8		17.0		
10	W		17.8	19.8	18.5		15.9		
11	R	7 39	16.2	18.0	16.8	2.7	14.1		
12	Y		15.3	16.8	15.8		13.1		
13	W		14.0	16.0	14.7		12.0		
14	Y		13.0	14.8	13.6		10.9		
15	W		12.0	13.8	12.6		9.9		
16	R	7 45	10.8	12.0	11.2	2.8	8.4		
17	Y		9.9	11.5	10.4		7.6		
18	W		8.8	10.8	9.5		6.7		
19	Y		7.5	9.8	8.3		5.5		
20	W		6.8	8.0	7.2		4.4		

Boat
253+10 (S)

Profile No. ____ Notes Red. [illegible] Date 9-18-46 Plotted ____ Date ____ Job No. 5412 Division No. ____
X-Sec. No. ____ Notes Chkd. HE Date 10-17-46 Checked ____ Date ____ Survey of Beach Erosion Survey by Thomas Notes E.A. Date 8-13-46 Map No. ____ Map Checked J. Collins Date ____

F.B. 1284 G. 115

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	750	5.5 6.8	5.9	2.9	3.0	Range 253+10
22	Y		5.0 7.2	5.7		2.8	Going in. - End.

F.B. 128 PG. 116
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Meineck Notes R.A. - 8-13-46
Indexed A. C. Johnson Date
Notes Red. Lout Date 9-18-46
Notes Chkd. HE Date 10-17-46
Plotted Date
Checked Date
Profile No.
X-Sec. 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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
250 +00	5-12	1	R	803	8915	Range Line ∡ = 90° F.S. on 5-12
		2	Y		8830	
		3	W		8940	
		4	Y		8945	
		5	W		9020	
		6	R	810	9025	
		7	Y		9005	
		8	W		8940	
		9	Y		9040	
		10	W		9020	
		11	R	817	9040	
		12	Y		9025	
		13	W		9020	
		14	Y		9000	
		15	W		9025	
		16	R	822	9010	
		17	Y		9035	
		18	W		8955	
		19	Y		9030	
		20	W		9025	

Range
250+00 (5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Klemeck Notes G.W.K. Date 8-13-46
Date ____ Date ____ Map No. ____ Plexed J. Johnson Date ____

F.B. 1284 Pg. 117

F.B. 1284 PG. 118 | Job No. 8412 | Division No. | Notes Red. | Plotted | Profile

Survey of Beach Erosion | Date | Date | No.

Survey by Meineck | Notes G.W.K. - 8-13-46 | Notes Chkd. | Checked | X-Sec.

Indexed A. C. Johnson | 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.		Remarks
Inst. At	Sight On	#	Color	Time	Hor. Ang.	
250	5-12	21	R	825	9035	250+00 Cont'd
+00		22	Y		9105	End

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
245+00	S-12	1	R	8 03	70° 50'	COMING IN	RANGE 250+00
		2	Y		69° 50'		
		3	W		70° 00'		
		4	Y		69° 40'		
		5	W		69° 25'		
		6	R	8 10	68° 45'		
		7	Y		67° 45'		
		8	W		66° 50'		
		9	Y		66° 15'		
		10	W		65° 10'		
		11	R	8 17	64° 20'		
		12	Y		63° 10'		
		13	W		62° 05'		
		14	Y		60° 50'		
		15	W		59° 55'		
		16	R	8 22	58° 05'		
		17	Y		57° 30'		
		18	W		55° 35'		
		19	Y		54° 25'		
		20	W		52° 30'		

Cut-in
250+00 (5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
Date ____ Date ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Alameda Notes STOCK Date 8-13-46
Date ____ Date ____ Map No. ____ Mapped C. Jordan Date ____

F.B. 1284 PG. 119

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
245+00	S-12	21	R	8 25	50° 00'	COMING IN	RANGE 250+00
		22	Y		47° 20'	END OF LINE	

F.B. 128 PG. 120
Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion Date Date No. X-Sec.
Survey by Meineck Notes STOCK 8-13-46 Notes Chkd. Checked
Indexed C. Johnson 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	8 03	27.5	29.0	28.0 ~~28.2~~	3.0	25.0	Range	250+00
2	Y		26.3	27.6	26.7		23.7		
3	W		25.5	27.0	26.0		23.0	Going	In
4	Y		24.2	26.0	24.8		21.8		
5	W		23.5	25.1	24.0		21.0		
6	R	8 10	22.2	24.2	22.9	3.1	19.8		
7	Y		21.0	23.2	21.7		[illegible]		
8	W		20.0	22.0	20.7		[illegible]		
9	Y		19.0	20.8	19.6		[illegible]		
10	W		18.0	20.0	18.7		15.6		
11	R	8 17	17.0	19.0	17.7	3.2	[illegible]		
12	Y		16.0	17.5	16.5		13.3		
13	W		15.0	16.8	15.6		12.4		
14	Y		14.0	16.0	14.7		[illegible]		
15	W		13.0	15.0	13.7		[illegible]		
16	R	8 21	12.5	14.0	13.0	3.3	9.7		
17	Y		11.0	13.2	11.7		8.4		
18	W		9.5	12.5	10.5		7.2		
19	Y		8.5	11.0	9.3		6.0		
20	W		7.2	9.0	7.8		4.5		

Boat
250+00 (5)

Profile No. ____ Notes Red. [illegible] Plotted ____ Job No. 8417 Division No. ____
X:Sec. No. ____ Date 9-18-46 Date ____ Survey of Beach Erosion
Notes Chkd. HE Checked ____ Survey by Hancock Notes RA Date 8-13-46
Date 10-17-46 Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 121

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	825	5.6 7.3	6.2	3.3	2.9 ~~5.9~~	Range 250+00 (Going in)
22	Y		5.0 6.5	5.5		2.2	End

F.B. 128A PG. 122

Job No. 8412 Division No. _____ Notes Red. [illegible] Date 8-18-46 Plotted _____ Date _____ Profile _____ No. _____

Survey of Beach Erosion Notes R.A. - 8-13-46 Notes Chkd. HE Date 10-17-46 Checked _____ Date _____ X-Sec. _____ No. _____

Survey by Meineck

Indexed C. Johnson

FORM 307 5M 7-43

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.		
245+00 -S	184	1939		1755	From pg. 12.	
					Range Line ∡ = 90°	F.S. on 5-12
			20	174	6.3' R = Ed. walk.	
			14	180	48' R = Beach	
			41	153	84' R = "	
			51	143	133' R = "	
			52	142	155' R = "	
			73	121	190' R = "	
T.P.	178	1991	1026	913	233' R = "	
			[illegible]1	88	[illegible]50' R = "	
			70	39	314' R — Water	
			96	13	388' R — "	
			105	04	454' R — "	
			116	-07	482' R — "	

Shore.
245+00 (S)

Profile No. ____ Notes Red. LOW Plotted ____ Date 9-19-46 Date ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____ Date ____
Job No. 8412 Division No. ____
Survey of Beach Erosion
Survey by Meinecke Notes DWK Date 8-16-46
Map No. ____ Indexed A. G. Johnson Date ____
F.B. 1284 PG. 123

FORM 307 5M 7-43

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.		
240+00 -S	059	1799		1740	From pg. 12	
					Range Line ∡ = 90°	F.S. on 5-12
			067	1732	5' R. - Ed. Walk	
			33	147	50' R - Beach	
			42	138	84' R = "	
			35	145	136' R = "	
			51	129	155' R = "	
			85	15	185' R = "	
T.P.	0[illegible]	9[illegible]6	898	901	200' R = "	
			10	87	2[illegible]' R = "	
			39	58	229' R - Water	
			90	07	326' R - "	
			109	-12	430' R - "	
			117	-20	451' R - "	

Shore
240+00(S)

F.B. 1284 PG. 124 Job No. 8412 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of Beach Erosion Date ____ Date ____ No. ____
Survey by Meinert Notes Gulk - 8-16-46 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.

STATION	B. S.	H. I.	F. S.	ELEV.		
~~Inst.~~ Sight At	#	Color	Time	Hor. Ang.	Remarks	
245+00 S-12	1	R	838	90 15	Range Line ∡ = 90° F.S. on S-12	
	2	Y		90 30		
	3	W		90 00		
	4	Y		89 50		
	5	W		89 45		
	6	R	846	89 15		
	7	Y		90 15		
	8	W		90 10		
	9	Y		90 05		
	10	R	850	90 05		
	11	Y		90 15		
	12	W		90 25		
	13	Y		90 30		
	14	W		90 25		
	15	R	852	90 25		
	16	Y		90 25		
	17	W		90 20		
	18	Y		90 15		
	19	W		90 50		
	20	R	856	90 00		

Range
245+00 (S)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Hlaneck Notes GWK Date 8-13-46
Date ____ Date ____ Map No. ____ Mapped D. Johnson Date ____

F.B. 128 PG. 125

F.B. 840 PG. 126 | Job No. 84L | Division No. | Notes Red. | Plotted | Profile

Survey of Beach Erosion | Date | Date | No.

Survey by Hamock | Notes GWK - 8-13-46 | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At On	Sight #	Color	Time	Hor. Ang.		Remarks

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.

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.		
~~Inst.~~ Sight At	#	Color	Time	Hor. Ang.	Remarks	
235+00 S. 12	1	R	8 37	55° 40'	COMING IN	RANGE 245+00
	2	Y		53° 10'		
	3	W		50° 10'		
	4	Y		48° 25'		
	5	W		47° 15'		
	6	R	8 46	45° 15'		
	7	Y		44° 15'		
	8	W		43° 05'		
	9	Y		41° 25'		
	10	R	8 50	38° 55'		
	11	Y		37° 50'		
	12	W		36° 30'		
	13	Y		35° 15'		
	14	W		34° 15'		
	15	R	8 52	32° 25'		
	16	Y		30° 55'		
	17	W		28° 45'		
	18	Y		26° 50'		
	19	W		24° 25'		
	20	R	8 55	22° 30'	END OF LINE	

Cut-in.
245+00 (5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Hancock Notes Stock Date 8-13-46
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1284 PG. 127

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. ____ Job No. ____

Notes ____ Date ____

Survey of ____

Survey by ____

Indexed ____

F.B. 128 PG. 128

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	8 38	28.4	30.0	28.9	3.4	25.5	Range	245+00
2	Y		27.0	29.0	27.7		24.3		
3	W		25.5	27.5	26.2		22.5	Going	In
4	Y		24.5	26.3	25.1		21.7		
5	W		23.2	25.2	23.9		20.5		
6	R	8 45	22.0	24.0	22.7	3.5	19.2		
7	Y		20.9	22.9	21.4		17.9		
8	W		19.6	21.2	20.1		16.6		
9	Y		18.4	20.0	18.9		15.4		
~~10~~	~~W~~		~~17.0~~	~~19.0~~	~~17.7~~	Out			
10	R	8 49	15.8	17.8	16.5	3.6	12.9		
11	Y		14.3	16.2	15.3		11.7		
12	W		13.8	15.8	14.5		10.9		
13	Y		12.8	14.5	13.4		9.8		
14	W		11.2	13.0	~~11.8~~ 11.5		8.2		
15	R	8 52	9.8	12.0	10.5	3.6	6.9		
16	Y		8.8	10.5	9.4		5.8		
17	W		7.5	9.5	8.2		4.6		
18	Y		6.2	7.8	6.7		3.1		
19	W		4.9	6.5	5.4		1.8		

Boat
245+00 (5)

Profile No. ____ Notes Red. Ball Plotted ____ Date 9-18-46 Date ____
X-Sec. No. ____ Notes Chkd. FE Checked ____ Date 10-17-46 Date ____
Job No. 842 Division No. ____
Survey of Beach Erosion
Survey by Fleming & Notes B.G. Date 8-13-46
Map No. ____ Indexed J.O. Date ____
F.B. 1229 PG. 129

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
20	R	856	4.2 5.8	4.7	3.6'	1.1'	Range 245+00 (Going in) End.

F.B. 1284 G. 130
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Kleinack Notes R.A. - 8-13-46
Indexed A. C. Johnson Date
Notes Red. Lew. Date 8-18-46
Notes Chkd. HF Date 10-17-46
Plotted Date
Checked Date
Profile No.
X-Sec. 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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
240	5-12	1	R	908	8945	Range Line ∡=90° F.S. on 5-12
+00		2	Y		8955	
		3	W		8950	
		4	Y		8950	
		5	W		9025	
		6	R	915	9035	
		7	Y		9020	
		8	W		9015	
		9	Y		9020	
		10	W		9030	
		11	R	919	9030	
		12	Y		8940	
		13	W		9000	
		14	Y		9005	
		15	W		9010	
		16	R	922	9035	
		17	Y		9000	
		18	W		9030	
		19	Y		9030	
		20	W		8950	

Range 240+00 (5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 8-13-46
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1284 PG. 131

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
240 +00	5-12	21	R	924	9010	240+00 Cont'd	
		22	Y		9040		
		23	W		9025	End.	

F.B. 1284 PG. 132
Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion Date Date No.
Survey by Heinack Notes GWE - 8-13-46 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.

STATION		B. S.	H. I.	F. S.	ELEV.		
~~Inst.~~ At	~~Sight~~	#	Color	Time	Hor. Ang.	Remarks	
235+00	S-12	1	R	9 08	70°15'	COMING IN	RANGE 240+00
		2	Y		68°55'		
		3	W		67°45'		
		4	Y		66°45'		
		5	W		65°35'		
		6	R	9 14	64°50'		
		7	Y		62°10'		
		8	W		60°50'		
		9	Y		60°05'		
		10	W		59°25'		
		11	R	9 18	58°25'		
		12	Y		56°25'		
		13	W		55°15'		
		14	Y		54°05'		
		15	W		52°45'		
		16	R	9 21	51°15'		
		17	Y		49°15'		
		18	W		47°30'		
		19	Y		46°00'		
		20	W		44°20'		

Cut-in.
240+00 (S)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Atomack Notes Stock Date 8-13-46
Date ____ Date ____ Map No. ____ Indexed P. Johnson Date ____

F.B. 1284 PG. 133

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
235+00	S-12	21	R	9 24	41° 25'	COMING IN	RANGE 240+00
		22	Y		38° 05'		
		23	W		3[illegible] 15'	END OF LINE	

F.B. 1284 G. 134
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Meineck Notes Stock - 8-13-46
Indexed C. Johnson Date
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. 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	9 08	28.3	30.0	28.9	3.7	25.2	Range	240+00
2	V		27.7	18.8	28.1		24.4		
3	W		26.5	18.6	27.2		23.5	Going	In
4	V		25.2	17.0	25.8		22.1		
5	W		24.2	25.8	24.7		21.0		
6	R		22.8	24.0	23.2		19.5		
7	V		21.7	23.0	22.1		18.4		
8	W		20.3	22.0	20.9		17.2		
9	V		19.3	20.8	19.8		16.1		
10	W		18.4	20.0	18.9		15.2		
11	R	9 18	17.4	18.8	17.9	3.9	14.0		
12	V		16.2	18.0	16.8		12.9		
13	W		15.0	16.7	15.6		11.7		
14	V		14.0	15.2	14.4		10.5		
15	W		13.0	14.6	13.5		9.6		
16	R	9 22	12.0	13.8	12.6	3.9	8.7		
17	V		10.5	13.2	11.6		7.5		
18	W		9.2	10.5	9.6		5.7		
19	V		8.2	10.0	8.8		4.9		
20	W		7.0	9.2	7.7		3.8		

Boat
240+00 (S)

Profile No. ____ Notes Red. LCW Plotted ____ Job No. 8412 Division No. ____
Date 9-18-46 Date ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. HE Checked ____ Survey by Maniock Notes RA Date 8-13-46
Date 10-17-46 Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 135

F.B. 1284 PG. 136

Job No. 8412 Division No. _____ Notes Red. LCW Plotted _____ Profile

Survey of Beach Erosion Date 8-18-46 Date _____ No. _____

Survey by Kleineck Notes RA - 8-13-46 Notes Chkd. HE Checked _____ X-Sec.

Indexed A. C. Johnson Date _____ Date 10-17-46 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
21	R	7 24	6.0 7.3	6.4+	3.9'	2.5'	Range 240+00
22	Y		4.8 6.3	5.3+		1.4'	Going In.
23	W		4.5 6.3	5.1+		1.2'	End.

FORM 307 5M 7-43

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.		
235+00 -S	2 75	1990		1715	From pg. 12	
					Range Line ∡ = 90°	F.S. on 5-12
			283	1707	34' R. - Ed. walk	
			29	170	40' R. - Beach	
			40	159	62' R. - "	
			55	144	84' R. - "	
			78	121	133' R. - "	
T.P.	0 90	1000	1080	910	172' R. - "	
			49	51	213' R. - water	
			87	13	281' R. - "	
			105	-05	356' R. - "	
			113	-13	405' R. - "	
			120	-20	425' R. - "	

Shore
235+00 (5)

Profile No. ____ Notes Red. LWK Plotted ____ Date 9-19-46 Date ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____
Job No. 8412 Division No. ____
Survey of Beach Erosion
Survey by Hemeck Notes LWK Date 8-16-46
Map No. ____ Indexed ____ Date ____

F.B. 1284 PG. 137

FORM 307 5M 7-43

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.		
230+00 -5	164	1853		1689	From pg. 12	
					Range Line = 90°	F.S. on 5-11
			169	1684	3.2' R. - Ed. walk	
			26	159	37 R - Beach	
			41	144	69' R - "	
			49	136	90' R - "	
			65	120	111' R - "	
			87	98	138' R - "	
TP	064	977	940	913	153' R - "	
			49	49	200' R - "	
			92	06	292 R - [illegible]	
			118	-20	413' R - "	
			123	-25	428' R - "	

Shore
230+00(5)

F.B. 1284 PG. 138 Job No. 8412 Division No. Notes Red. RCW Plotted Profile
Survey of Beach Erosion Date 9-19-46 Date No.
Survey by Meineck Notes GWK - 8-16-46 Notes Chkd. Checked X-Sec.
Indexed by C. Johnson Date Date No.

FORM 307 2M 8-48

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	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
235 400	5-12	1	R.	938	90 10	Range Line ∡ = 90° F.S. on 5-12
		2	Y		90 20	
		3	W		90 20	
		4	Y		90 30	
		5	W		90 20	
		6	R	944	90 15	
		7	Y		90 35	
		8	W		90 40	
		9	Y		90 40	
		10	W		90 40	
		11	R	947	90 40	
		12	Y		90 30	
		13	W		90 15	
		14	Y		90 35	
		15	W		90 30	
		16	R	950	90 25	
		17	Y		90 20	
		18	W		90 05	
		19	Y		89 30	
		20	W		90 25	

Range.
235+00 (S)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8417 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Hlemeck Notes G.W.K. Date 8-13-46
Date ____ Date ____ Map No. ____ Indexed F. Johnson Date ____

F.B. 1284 PG. 139

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
235 +00	5-12	21	R.	953	9025	235+00 Cont'd	
		22	Y		9050		
		23	W		9050		
		24	Y		9050	End.	

F.B. 128 PG. 140
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Klamack Notes GWK - 8-13-46
Indexed A. C. Johnson Date
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

FORM 307 2M 6-45

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
240+00	S-12	1	R	9 38	110° 00'	COMING IN	RANGE 235+00
		2	Y		111° 20'		
		3	W		112° 40'		
		4	Y		113° 10'		
		5	W		114° 45'		
		6	R	9 44	116° 20'		
		7	Y		117° 55'		
		8	W		118° 40'		
		9	Y		119° 20'		
		10	W		120° 25'		
		11	R	9 47	121° 35'		
		12	Y		123° 40'		
		13	W		124° 30'		
		14	Y		125° 20'		
		15	W		127° 15'		
		16	R	9 50	129° 35'		
		17	Y		130° 50'		
		18	W		131° 40'		
		19	Y		133° 30'		
		20	W		137° 10'		

Cut-in
235+00 (S)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 847 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Alleneck Notes STOCK Date 8-13-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 141

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
240+00	S-12	21	R	9 52	139° 05'	COMING IN	RANGE 235+00
		22	Y		142° 40'		
		23	W		145° 25'		
		24	Y		148° 35'	END OF LINE	

F.B. 128 PG. 142 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion Date Date No.
Survey by Hameck Notes STOCK-8-13-46 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. ____ X:Sec. ____ Notes Red. LLW Date 9-18-46 Notes Chkd. HE Date 10-17-46 Plotted ____ Date ____ Checked ____ Date ____ Job No. 84 Division No. ____ Survey of Beach Erosion Survey by Hydraulics Notes EA Date Sept. '46 Ind. & Sp. C. J. Dillon Date ____ Map No. ____

F.B. 128 PG. 143

STATION #	Color	B. S. Time	H. I. Meas. Depth		F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks	
1	R	9 38	28.8	30.1	29.2	4.0	25.2	Range	235+00
2	Y		27.6	29.2	28.1		24.1		
3	W		26.8	28.3	27.3		23.3	Boing	In
4	Y		25.3	28.0	26.2		22.2		
5	W		24.2	26.0	24.8		20.8		
6	R	9 44	23.0	24.5	23.5	4.1	19.4		
7	Y		22.7	23.8	23.1		19.0		
8	W		21.8	23.2	22.3		18.2		
9	Y		20.8	23.0	21.7		17.6		
10	W		19.5	21.6	20.0		15.9		
11	R	9 47	18.0	20.0	18.7	4.1	14.6		
12	Y		17.8	19.0	18.2		14.1		
13	W		16.5	17.8	16.9		12.8		
14	Y		15.2	17.0	15.8		11.7		
15	W		13.8	15.3	14.3		10.2		
16	R	9 50	12.5	13.8	12.9	4.1	8.8		
17	Y		11.2	13.0	11.8		7.7		
18	W		10.2	12.0	10.8		6.7		
19	Y		9.0	11.2	9.7		5.6		
20	W		7.7	9.0	8.1		4.0		

Boat
235+00 (S)

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 53	6.5	8.2	71	4.1	~~3.4~~ 3.0	Range 235+00 Cont'd
22	Y		5.4	7.0	59		1.8	Going In.
23	W		4.2	7.0	51		1.0	
24	Y		3.0	4.8	36		+ .5	End.

F.B. 1284 PG. 144
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Heineck Notes RA - 8-13-46
Indexed A. C. Johnson Date
Notes Red. LCW Date 8-18-46
Notes Chkd. HE Date 10-17-46
Plotted Date
Checked Date
Profile No.
X-Sec. 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 ~~Inst.~~ At	~~Sight~~ On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
230 +00	5-11	1	R	1009	8950	Range Line = 90° F.S. on 5-11
		2	Y		8920	
		3	W		8910	
		4	Y		8920	
		5	W		9030	
		6	R	1016	9005	
		7	Y		8920	
		8	W		9020	
		9	Y		9020	
		10	W		9030	
		11	R	1019	9010	
		12	Y		8955	
		13	W		8935	
		14	Y		8955	
		15	W		9010	
		16	R	1023	8945	
		17	Y		8925	
		18	W		8925	
		19	Y		8940	
		20	W		8940	

Range.
230+00(S)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Meinert Notes GWK Date 8-13-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 145

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
230+00	5-11	21	R	1025	89 10	230+00 Contd	
		22	Y		84 00		
		23	W		89 50	End.	

F.B. 1284 Pg. 146 Job No. 8412 Division No. Notes Red. Date Plotted Date No. Profile
Survey of Beach Erosion Notes Chkd. Date Checked Date No. X-Sec.
Survey by Kleinecke Notes GWK-8-13-46
Indexed C. Johnson Date

FORM 307 2M 6-45

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.		
~~Inst.~~ At	~~Sight~~	#	Color	Time	Hor. Ang.	Remarks	
220+00	S-11	1	R	10 08	55° 55'	COMING IN	RANGE 230+00
		2	Y		52° 10'		
		3	W		52° 25'		
		4	Y		50° 25'		
		5	W		49° 30'		
		6	R	10 15	46° 50'		
		7	Y		44° 10'		
		8	W		42° 50'		
		9	Y		41° 45'		
		10	W		40° 10'		
		11	R	10 19	39° 15'		
		12	Y		38° 10'		
		13	W		35° 55'		
		14	Y		33° 35'		
		15	W		32° 40'		
		16	R	10 22	30° 35'		
		17	Y		29° 05'		
		18	W		27° 30'		
		19	Y		25° 45'		
		20	W		24° 05'		

Cut-in
230+00 (S)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Hemeck Notes STOCK Date 8-13-46
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1284 PG. 147

F.B. 1284 PG. 148 | Job No. 8412 | Division No. | Notes Red. | Plotted | Profile

Survey of Beach Erosion | Date | Date | No.

Survey by Moneck | Notes STOCK-8-13-46 | Notes Chkd. | Checked | X-Sec.

Indexed A. C. 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.	Remarks
Inst. Sight At 220+00 S-11	On #	Color	Time	Hor. Ang.	
	21	R	10 24	21° 50'	COMING IN
	22	Y		18° 50'	
	23	W		16° 10'	END OF LINE

RANGE 230+00

FORM 307 2M 6-45

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 08	29.0	30.5	29.5	4.2	25.3	Range	230+00
2	Y		28.0	29.8	28.8		24.4		Going in.
3	W		26.8	29.0	27.5		23.3		
4	Y		25.8	27.8	26.5		22.3		
5	W		24.6	26.8	25.3		21.1		
6	R	10 16	23.2	25.2	23.9	4.2	19.7		
7	Y		22.0	23.8	22.6		18.4		
8	W		21.0	22.5	21.5		17.3		
9	Y		20.0	21.8	20.6		16.4		
10	W		19.0	20.3	19.4		15.2		
11	R	10 19	18.0	20.2	18.7	4.2	14.5		
12	Y		16.8	19.0	17.5		13.3		
13	W		16.5	18.0	16.3		12.1		
14	Y		14.2	16.0	14.8		10.6		
15	W		13.0	15.0	13.7		9.5		
16	R	10 22	12.0	14.0	12.7	4.2	8.5		
17	Y		10.5	12.5	11.2		7.0		
18	W		9.5	12.0	10.3		6.1		
19	Y		8.2	10.2	8.9		4.7		
20	W		7.2	9.8	8.1		3.9		

Boat
230+00 (5)

Profile No. ____ Notes Red. LCM Plotted ____ Job No. 8412 Division No. ____ F.B. 1288 PG. 149
X:Sec. ____ Date 9-18-46 Date ____ Survey of Beach Erosion
Notes Chkd. HK Checked ____ Survey by Meinecke Notes EA Date 8-13-46
Date 10-17-46 Date ____ Map No. ____ Indexed C. Johnson 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
21	R	10 PJ	6.0	8.0	67	4.2	2.5	Range 230+00 Cont'd.
22	V		4.8	7.0	55		1.3	Going In.
23	W		2.7	4.2	32		+ 1.0	End.

F.B. 1288 Pg. 150 Job No. 8412 Division No. Notes Red. LCW Plotted Date 9-18-46 Checked Date 10-17-46 Notes Chkd. [illegible] Date

Survey of Beach Erosion Survey by Heineck Notes R.A. 8-13-46 Indexed C. Johnson Date

Profile No. X-Sec. No.

FORM 307 5M 7-43

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.		
225+00 -S	2 97	1994		1697	From pg. 12	
					Range Line ∡ = 90° F.J on 5-11	
			310	1684	5.2' R = Ed. walk	
			29	170	37' R = Beach	
			59	140	83' R = "	
			72	127	119' R = "	
			100	99	146' R = "	
T.P.	0 64	967	1091	903	160' R = "	
			20	77	177' R = "	
			43	54	199' R = "	
			61	36	223' R = Water	
			86	11	287' R = "	
			98	-0.1	338' R = "	
			106	-0.9	398' R = "	
			118	-2.1	418' R = "	

Shore
225+00 (S)

Profile No. ____ Notes Red. RMK Plotted ____ Date 9-19-46 Date ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____
Job No. 8412 Division No. ____
Survey of Beach Erosion Notes GWK Date 8-16-46
Survey by Alemeck Indexed A. C. Johnson Date ____
Map No. ____
F.B. 1284 pg 151

FORM 307 5M 7-43

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.		
220+00 -5	361	2014		1653	From pg. 11	
					Range Line ∡ = 90°	F.S. on 5-11
			373	1641	73' R = Ed walk	
			39	162	79' R = Beach	
			32	159	41' R = "	
			45	156	78' R = "	
			92	109	131' R = "	
TP	074	938	1150	864	165' R = "	
			17	77	182' R = "	
			39	[illegible]	200' R = "	
			71	[illegible]	261 R = water	
			88	[illegible]	306 R = "	
			97	[illegible]	366' R = "	
			110	[illegible]	420' R = "	
			120	[illegible]	434 R = "	

Shore 220+00(5)

F.B. 1284 G. 152 Job No. 8412 Division No. Notes Red. [illegible] Plotted Profile
Survey of Beach Erosion Date 9-19-46 Date No.
Survey by Meineck Notes [illegible] Notes Chkd. Checked X-Sec.
Indexed C. Johnson 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.		
~~Inst.~~ At	~~Sight~~ On	#	Color	Time	Hor. Ang.	Remarks	
225 +00	5-11	1	R	1144	90 00	Range Line ∡ = 90° F.S. on 5-11	
		2	Y		89 05		
		3	W		87 55		
			Y		89 10		
			W		90 05		
			R	1151	90 00		
			Y		89 40		
			W		90 00		
			Y		90 00		
		10	W		89 30		
		11	R	1155	89 [illegible]		
		12	Y		89 45		
		13	W		89 55		
		14	Y		89 50		
		15	W		90 05		
		16	R	1158	90 15		
		17	Y		89 45		
		18	W		89 20		
		19	Y		89 20		
		20	W		90 50		

Range 225+00(5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8417 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 8-13-46
Date ____ Date ____ Map No. ____ Index C. Johnson Date ____

F.B. 1284 PG. 153

F.B. 1286 Pg. 154 | Job No. 8412 | Division No. | Notes Red. | Plotted | Profile

Survey of Beach Erosion | Date | Date | No.

Survey by Kleineck | Notes GWK - 8-13-46 | Notes Chkd. | Checked | X-Sec.

Indexed A. C. 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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks
225+00	5-11	21	R	1201	8740	225+00 Cont'd
		22	Y		8545	End

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.		
~~Inst.~~ Sight At ~~On~~	#	Color	Time	Hor. Ang.	Remarks	
215+00 S-11	1	R	11 44	56° 20'	COMING IN	RANGE 225+00
	2	Y		53° 30'		
	3	W		51° 10'		
	4	Y		49° 50'		
	5	W		48° 50'		
	6	R	11 51	47° 15'		
	7	Y		46° 10'		
	8	W		45° 25'		
	9	Y		43° 30'		
	10	W		40° 15'		
	11	R	11 55	38° 30'		
	12	Y		37° 10'		
	13	W		35° 35'		
	14	Y		34° 45'		
	15	W		32° 55'		
	16	R	11 59	31° 05'		
	17	Y		29° 50'		
	18	W		28° 10'		
	19	Y		26° 10'		
	20	W		25° 05'		

Cut-in.
225+00 (S)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
Date ____ Date ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Alleweck Notes Stock Date 8-13-46
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1284 PG. 155

F.B. 128 PG. 156 | Job No. 8412 | Division No. | Notes Red. | Plotted | Profile

Survey of Beach Erosion | Date | Date | No.

Survey by Klemeck | Notes STOCK-8-13-46 | Notes Chkd. | Checked | X-Sec.

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

FORM 307 2M 8-43

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
Inst. At 215+00	Sight On S-11	# 21 22	Color R Y	Time 12 01	Hor. Ang. 22° 40' 20° 00'	COMING IN END OF LINE RANGE 225+00

Profile	Notes Red. LCW	Plotted	Job No. 8417	Division No.	F.B. 128 PG. 157
No.	Date 9-18-46	Date	Survey of Beach Erosion		
X:Sec.	Notes Chkd. [illegible]	Checked	Survey by Kleineck	Notes R.A.	Date 8-13-46
No.	Date 10-17-46	Date	Map No.	Indexed E. G. Johnson	Date

See next pg. for beginning of this line.

Boat.
225+00(5)

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
21	R	12 01	5.2 7.0	5.8	3.5	2.3	Range	225+00 [Going In]
22	Y		4.2 5.5	4.6		1.1	The End	

FORM 307 2M 8-45

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 44	28.0	30.0	28.7	3.7	25.0	Range	225+00
2	Y		27.0	29.0	27.7		24.0		
3	W		26.0	27.8	26.6		~~22.0~~ 22.9	Going	In
4	Y		24.6	26.4	25.2		21.5		
5	W		23.5	25.2	24.1		20.4		
6	R	11 51	22.5	24.2	23.1	3.6	19.5		
7	Y		21.4	23.0	21.9		18.3		
8	W		20.2	22.0	20.8		17.2		
9	Y		19.0	21.0	19.7		16.1		
10	W		18.0	19.2	18.4		14.8		
11	R	11 55	17.0	18.8	17.6	3.6	14.0		
12	Y		16.0	17.2	16.4		12.8		
13	W		15.0	16.5	15.5		11.9		
14	Y		13.8	15.2	14.3		10.7		
15	W		12.8	14.7	13.4		9.8		
16	R	11 58	11.0	12.2	11.4	3.5	7.9		
17	Y		9.8	12.0	10.5		7.0		
18	W		8.8	10.2	9.3		5.8		
19	Y		7.8	9.3	8.3		4.8		
20	W		6.5	8.3	7.1		3.6	Cont'd on preceding pg.	

F.B. 129 pg. 158
Job No. 8412 Division No.
Survey of Beach Erosion Notes R.A. - 8.13.46
Survey by Hlaneck Date
Indexed C. Johnson
Notes Red. LCW Date 9-18-46
Notes Chkd. HE Date 10-17-46
Plotted Date
Checked Date
Profile No.
X-Sec. 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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
220 400	5-11	1	R	1222	89 30	Range Line ∡ = 90° FS on 5-11
		2	Y		90 10	
		3	W		90 40	
		4	Y		91 10	
		5	W		91 30	
		6	R.	1231	90 50	
		7	Y		90 20	
		8	W		90 15	
		9	Y		90 35	
		10	W		90 10	
		11	R.	1236	90 20	
		12	Y		90 45	
		13	W		90 55	
		14	Y		90 20	
		15	W		90 10	
		16	R	1240	90 30	
		17	Y		90 45	
		18	W		91 25	
		19	Y		92 35	
		20	W		91 20	

Range
220+00(5)

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____
X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____
Job No. 842 Division No. ____
Survey of Beach Erosion
Survey by Klemmer Notes G.W.K. Date 8-13-46
Map No. ____ Indexed J. Johnson Date ____

F.B. 1284 Pg. 159

F.B. 1284 PG. 160 | Job No. 8412 | Division No. | Notes Red. | Plotted | Profile

Survey of Beach Erosion | Date | Date | No.

Survey by Klaineck | Notes G.W.K. - 8-13-46 | Notes Chkd. | Checked | X-Sec.

Indexed A. C. Johnson | 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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks
220	5-11	21	R	11 42	92 30	220+00 Cont'd - End
+00						

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.		
~~Inst.~~ Sight At	~~On~~ #	Color	Time	Hor. Ang.	Remarks	
215+00	S-11 1	R	12 22	72° 15'	COMING IN	RANGE 220+00
	2	Y		71° 15'		
	3	W		71° 15'		
	4	Y		70° 35'		
	5	W		69° 50'		
	6	R	12 31	67° 05'		
	7	Y		65° 30'		
	8	W		64° 00'		
	9	Y		62° 50'		
	10	W		60° 55'		
	11	R	12 36	59° 00'		
	12	Y		57° 15'		
	13	W		55° 50'		
	14	Y		53° 45'		
	15	W		52° 10'		
	16	R	12 40	50° 15'		
	17	Y		49° 10'		
	18	W		47° 25'		
	19	Y		44° 55'		
	20	W		42° 45'		

Cut-in
220+00 (5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 847 Division No. ____
Date ____ Date ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Kleineck Notes STOCK Date 8-13-46
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1288 PG. 161

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
215+00	S-11	21	R	12 40	40 00	COMING IN	RANGE 220+00

F.B. 128 PG. 162 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion Date Date No.
Survey by Hemack Notes Stock-8-13-46 Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

F.B. 1286 PG. 163

Profile No.	Notes Red. Lcw.	Plotted	Job No. 8417	Division No.	
	Date 9-18-46	Date	Survey of Beach Erosion		
X:Sec. No.	Notes Chkd. [illegible]	Checked	Survey by Meineck	Notes R.A.	Date 8-13-46
	Date 10-17-46	Date	Map No.	Indexed C. Johnson	Date

Boat.
220+00 (5)

See next pg. for beginning 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.

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
21	R	12 43	4.2 6.0	4.8	2.9	1.9	Range 220+00 Cont'd. End

FORM 307 2M 8-45

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	12 22	28.2 30.0	28.8	3.2	25.6	Range	220+00
2	Y		27.0 28.8	27.6		24.4		
3	W		26.0 28.0	26.7		23.5	Going	In
4	Y		25.0 26.5	25.5		22.3		
5	W		23.8 26.0	24.5		21.3		
6	R	12 32	22.5 24.2	23.1	3.1	20.0		
7	Y		21.2 23.1	21.8		18.7		
8	W		20.0 22.0	20.7		17.6		
9	Y		18.8 20.5	19.4		16.3		
10	W		17.5 18.8	17.9		14.5		
11	R	12 36	16.2 18.2	16.9	3.0	13.9		
12	Y		15.0 16.5	15.5		12.5		
13	W		13.6 15.2	14.1		11.1		
14	Y		12.5 13.8	12.9		9.9		
15	W		11.2 13.5	12.0		9.0		
16	R	12 40	10.0 12.0	10.7	2.9	7.8		
17	Y		9.0 11.0	9.7		6.8		
18	W		7.8 10.0	8.5		5.6		
19	Y		6.8 8.5	7.4		4.5		
20	W		5.3 7.5	6.0		3.1	Cont'd on preceding pg.	

F.B. 1288 Pg. 164 Job No. 8412 Division No. Notes Red. Lew. Date 9-18-46 Plotted Date No. Profile
Survey of Beach Erosion Notes R.A. - 8-13-46 Notes Chkd. H Date 10-17-46 Checked Date No. X-Sec.
Survey by Meinick Date
Indexed A. C. Johnson

FORM 307 5M 7-43

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.		
215+00 -S	356	1924		1568	From pg. 11.	
					Range Line ∡ = 90° F.S. on 5-11	
			371	1553	8.6' R = Ed. walk	
			42	150	51' R = Beach	
			54	138	88' R = "	
			98	94	148' R — "	
T.P.	082	921	1085	839	165' R — "	
			39	53	200' R — "	
			60	32	239' R — "	
			83	09	291' R — "	
			92	00	339' R — "	
			106	-14	402' R — "	
			114	-22	423' R — "	

Shore
215+00 (S)

Profile No. ____ Notes Red. LCW Plotted ____ Date 9-19-46 Date ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____ Date ____
Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by Meinert Notes LWK Date 8-16-46 Map No. ____ Indexed ____ Date ____
F.B. 1284 Pg. 165

FORM 307 5M 7-43

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.		
210+25 -S	227	1806		1579	From pg. 11. Rd. on Sta. 210+00	
			229	1577	On Sta. 210+25	
			241	1565	85' R. - Ed. Walk	
			17	1644	18' R - Beach	
			25	1564	43' R - "	
			44	1[illegible]	77' R - "	
			67	11[illegible]	114' R - "	
			89	9[illegible]	144' R - "	
T.P.	166	906	1066	740	175' R - "	
			34	5[illegible]	200' R - "	
			62	2[illegible]	255' R - "	
			80	11	297' R - "	
			84	0[illegible]	315' R - "	
			103	-1[illegible]	398' R - "	
			120	-2[illegible]	442' R - "	

Shore
210+25(S)

F.B. 1284 PG. 166 Job No. 8412 Division No. Notes Red. LOW Plotted Profile
Survey of Beach Erosion Date 9-19-46 Date No.
Survey by Klemmer Notes GWK - 8-16-46 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.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
215	5-11	1	R	100	8930	Range line ∡ = 90° F.S. on 5-11
+00		2	Y		8905	
		3	W		8900	
		4	Y		8905	
		5	W		8920	
		6	R	105	8930	
		7	Y		8935	
		8	W		8950	
		9	Y		9020	
		10	W		9030	
		11	R	110	9035	
		12	Y		9045	
		13	W		9020	
		14	Y		9035	
		15	W		9050	
		16	R	113	9055	
		17	Y		9015	
		18	W		9050	
		19	Y		9120	
		20				

Range
215+00(5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8442 Division No. ____
Date ____ Date ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Klewicz Notes [illegible] Date 8-13-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 167

F.B. 128 PG. 168

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.	Remarks
Inst. Sight At On	#	Color	Time Hor. Ang.		

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
220+00	S-11	1	R	13 00	107° 30'	COMING IN	RANGE 215+00
		2	Y		108° 10'		
		3	W		108° 50'		
		4	Y		110° 15'		
		5	W		111° 05'		
		6	R	13 04	112° 05'		
		7	Y		113° 55'		
		8	W		115° 30'		
		9	Y		118° 00'		
		10	W		119° 20'		
		11	R	13 09	120° 35'		
		12	Y		122° 35'		
		13	W		123° 40'		
		14	Y		126° 10'		
		15	W		127° 40'		
		16	R	13 13	130° 05'		
		17	Y		132° 15'		
		18	W		135° 00'		
		19	Y		140° 30'	END OF LINE	

Cut-in.
215+00 (5)

Profile No. ____ Notes, Red. ____ Plotted ____ Job No. 842 Division No. ____
Date ____ Date ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Meineck Notes Stock Date 8-13-46
Date ____ Date ____ Map No. ____ Indexed: C. Johnson Date ____

F.B. 1284 PG. 169

F.B. 1286 G. 170

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.	Remarks
Inst. Sight At On	#	Color	Time	Hor. Ang.	

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
								See next pg. line for range 215+00.
								Boat. 215+00(5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
X:Sec. ____ Date ____ Date ____ Survey of ____
No. ____ Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1286 PG. 171

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. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date 9-18-46 Notes Chkd. Date 10-17-46

Division No. Job No. 8417 Notes RR - 8-12-46

Survey of Beach Estates

Survey by Hilinack

Indexed C. J. Date

F.B./PG. 172

STATION #	Color	B. S. Time	H. I. Meas. Depth		F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks	
1	R	1 00	27.5	30.0	28.3	2.7	25.6	Range	215+00
2	Y		26.5	28.3	27.1		24.4	Going in.	
3	W		25.5	27.0	26.0		23.3		
4	Y		24.5	25.8	24.9		22.2		
5	W		23.3	25.2	23.9		21.2		
6	R	1 05	22.2	24.8	23.1	2.6	20.5		
7	Y		20.9	22.0	21.3		18.7		
8	W		19.5	21.7	20.2		17.6		
9	Y		18.5	20.2	19.1		16.5		
10	W		17.0	19.5	17.8		15.2		
11	R	1 10	16.2	18.2	16.9	2.6	14.3		
12	Y		14.8	16.8	15.5		12.9		
13	W		13.5	15.2	14.1		11.5		
14	Y		12.0	14.0	12.7		10.1		
15	W		11.0	13.2	11.7		9.1		
16	R	1 13	9.5	12.5	10.5	2.5	8.0		
17	Y		7.0	10.5	8.8		6.3		
18	W		6.8	8.5	7.4		4.9		
19	Y		4.0	5.8	4.6		2.1	The	End

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 ~~Inst.~~ At	~~Sight~~ On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
210 +25	S-11	1	R	7 36	89 20	Range Line ∡ = 90° F.S. on S-11
		2	Y		89 40	Note:- This line offset to South
		3	W		89 00	25' on acct. of obstruction.
		4	Y		90 20	= Sta. 210 + 25
		5	W		90 30	
		6	R	7 43	90 25	
		7	Y		90 20	
		8	W		90 30	
		9	Y		90 20	
		10	W		90 30	
		11	R	7 58	90 25	
		12	Y		90 10	
		13	W		90 30	
		14	Y		90 30	
		15	W		90 00	
		16	R	8 03	90 00	
		17	Y		89 30	
		18	W		89 50	End

Range 210+25 (S)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1284 PG. 173
Date ____ Date ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Alameda Notes G.W.K. Date 8-14-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 128 PG. 174

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.	Remarks
Inst. Sight At On	#	Color	Time	Hor. Ang.	

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
200+00	210+00	1	R	7:35	54-50	Range 210+25
		2	Y		54-15	
		3	W		52-15	Note:- This line offset 25'
		4	Y		50-35	southerly on account of
		5	W		48-45	obstruction = sta 210+25.
		6	R	7:47	47-10	
		7	Y		44-40	
		8	W		42-35	
		9	Y		40-25	
		10	W		38-20	
		11	R	7:58	36-55	
		12	Y		34-45	
		13	W		32-45	
		14	Y		31-30	
		15	W		29-50	
		16	R	8:03	28-30	
		17	Y		26-25	
		18	W	8:04	24-50	

Cut-in
210+25 (S)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleinert Notes J.G. Date 8-14-46
Date ____ Date ____ Map No. ____ Marked J. Johnson Date ____

F.B. 1284 PG. 175

F.B. 1784 PG. 176

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.		Remarks
Inst. At	Sight On	#	Color	Time	Hor. Ang.	

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
	P	7:37	28.0 29.5	285	2.3'	26.2'	[210+25]
2	Y		27.4 30.0	283		26.0'	Going
3	W		25.4 27.5	26.1		23.8'	Note:- This line off-
4	Y		24.5 26.5	252		22.9'	set 25' Southerly =
5	W		23.4 25.5	241		21.8'	Sta. 210+25
6	R	7:48	22.0 24.6	229	2.5'	20.4'	
7			21.1 23.0	217		19.2'	
8	W		19.9 22.4	207		18.2'	
9			18.8 20.0	192		16.9'	
10	W		17.1 18.5	176		15.1'	
11		7:59	15.4 16.5	158	2.7'	13.1'	
12	Y		13.9 16.0	146		11.9'	
13	W		12.0 13.9	126		9.9'	
14	Y		10.4 12.8	112		8.5'	
15	W		9.0 11.2	97		7.0'	
16	R	8:01	8.2 10.7	90	2.7'	6.3'	
17			7.1 10.0	81		5.4'	
18	W		6.0 8.2	67		4.0'	END OF LINE

Boat
210+25(5)

Profile No. ____ Notes Red. RDW. Plotted ____ Date 9-18-46
X-Sec. No. ____ Notes Chkd. KE Checked ____ Date ____
Date 10-17-46 Date ____
Job No. 84126 Division No. ____
Survey of JEDDAH EROSION Notes HERMOSA
Survey by KLEMPEL & Notes 10650 Date 5-18-46
Map No. ____ Indexed J. Johnson Date ____

F.B. 1266 PG. 177

F.B. 178 PG. 178

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.

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

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

FORM 307 5M 7-43

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.		
205+00 S	0 85	17 38		1653	From pg. 11.	
					Range Line ∠ = 90°	F.J. on J-11
			106	1632	8' R. - Ed. walk.	
			23	151	8' R. - Beach	
			32	142	60' R = "	
			57	117	100' R = "	
			83	91	133' R = "	
T.P.	2 03	9 14	1027	711	165' R - "	
			37	54	190 R "	
			48	43	215 R "	
			65	26	245 R "	
			79	12	280 R "	
			8.8	03	323 R "	
			[illegible]	-06	383 R "	
			[illegible]	-19	410 "	
			[illegible]	-25	[illegible] R "	

Shore
205+00 (S)

Profile No. ____ Notes Red. LCW Plotted ____ Date 9-19-46 Date ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____
Job No. 847 Division No. ____ Survey of Beach Erosion Survey by Meineck Notes Gulk Date 8-16-46 Map No. ____ Indexed C. Johnson Date ____
F.B. 128 pg. 179

FORM 307 5M 7-43

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.		
200+00 -5	237	1901		1664	From pg. 11	
					Range Line ∠ = 90°	F.S. on 5-11
			259	1642	8' R. - Ed walk	
			33	157	36' R - Beach	
			67	123	82' R - "	
			98	92	127' R - "	
T.P.	144	940	1105	796	150' R - "	
			27	6[illegible]	173 R. "	
			47	4[illegible]	200 R "	
			85	0[illegible]	288 R "	
			97	-03	356 R "	
			118	-2[illegible]	420 R "	

Shore
200+00(5)

F.B. 1284 PG. 180 Job No. 8412 Division No. Notes Red. Lew Plotted Profile
Survey of Beach Erosion Date 9-19-46 Date No.
Survey by Hemmer Notes GWK-8-16-46 Notes Chkd. Checked X-Sec.
Indexed C. Jordan 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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
205	5-11	1	R	820	8920	Range Line ∡ = 90 F.S. on 5-11
+00		2	Y		9020	
		3	W		9005	
		4	Y		9035	
		5	W		8915	
		6	R	829	9000	
		7	Y		8920	
		8	W		8950	
		9	Y		9005	
		10	W		8955	
		11	R	845	9100	
		12	Y		9020	
		13	W		9005	
		14	Y		9005	
		15	W		8900	End.
		~~16~~				
		~~17~~				

Range 205+00 (5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8442 Division No. ____ F.B. 1284 PG. 181
Date ____ Date ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Hleneck Notes GWK Date 8-14-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 182

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.	Remarks
Inst. Sight At On	#	Color	Time	Hor. Ang.	

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
200+00	205+00	1	R	8:21	69-00		Range 205+00
		2	Y		68-10		
		3	W		67-10		
		4	Y		64-55		
		5	W		61-45		
		6	R	8:29	59-15		
		7	Y		57-20		
		8	W		56-00		
		9	Y		56-50		
		10	W		54-05		
		11	R	8:46	[illegible]		
		12	Y		48-[illegible]		
		13	W		[illegible]		
		14	Y		[illegible]		
		15	W	[illegible]	[illegible]	End.	

Cut-in 205+00 (5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1280 Pg. 183
Date ____ Date ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Blanco Notes J.G. Date 8-14-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 184

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.		
Inst. Sight At On	#	Color	Time	Hor. Ang.		Remarks

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	8.21	27.5 28.6	29	3.1	24.8 ~~25.6~~	(205+00)
2	Y		26.2 28.0	26 8		23.7	GOING W
3	W		25.2 28.0	26 1		23.0 ~~23.0~~	
4	Y		23.4 24.8	23 9		20.8	
5	W		21.8 23.2	22 3		19.2	
6	R	8:30	19.7 21.5	20 3	3.3	17.0	
7	Y		18.0 19.5	18 5		15.2	
8	W		16.8 19.2	17 6		14.3	
9	Y		15.2 17.4	15 9		12.6	
10	W		13.9 16.2	14 7		11.4	
11	R	8 47	11.9 13.5	12 4	3.5	8.9	
12	Y		11.0 12.8	11 6		8.1	
13	W		9.8 12.0	10 5		7.0	
14	Y		5.6 8.8	9 0		5.5	
15	W		6.5 8.5	7 2		3.7	
16	R						
17	Y						
18	W						

Book
205+00(5)

Profile No. ____ Notes Red. LCWC Plotted ____ Job No. 8412 Division No. ____ F.B. 1264 PG. 183
Date 9-18-46 Date ____ Survey of Beach Erosion - Hermosa
X:Sec. ____ Notes Chkd. PE Checked ____ Survey by K.L. Fidler Notes Hermosa Date 8-14-46
No. ____ Date 10-17-46 Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 186

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

Survey of _____ Date _____ Date _____

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

Indexed _____ Date _____ Date _____ Date _____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

STATION	B. S.	H. I.	F. S.	ELEV.		
# Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks

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.		
~~Inst.~~ At	~~Sight~~	#	Color	Time	Hor. Ang.	Remarks	
200 +00	5-11	1	R	908	9000	Range Line ∡ = 90° F.S. on 5-11	
		2	Y		8920		
		3	W		8905		
		4	Y		8915		
		5	W		9010		
		6	R	915	8955		
		7	Y		8900		
		8	W		8750		
		9	Y		9005		
		10	W		8920		
		11	R	923	8935		
		12	Y		9040		
		13	W		8940		
		14	Y		9030		
		15	W		8945		
		16	R	927	8930		
		17	Y		8840		
		18	W		8825	End	

Range 200+00(5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 128 G. 187
Date ____ Date ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Heineck Notes GWK Date 8-14-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson 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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.		Remarks

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. ____ Job No. ____

Notes ____ Date ____

F.B. 128 PG. 180

Survey of ____
Survey by ____
Indexed ____

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
190+00	200+00	1	R	9:08	53-50	Range 200+00
		2	Y		52-05	
		3	W		50-40	
		4	Y		49-25	
		5	W		47-25	
		6	R	9:13	46-55	
		7	Y		41-40	
		8	W		38-40	
		9	Y		37-40	
		10	W		34-55	
		11	R	9:23	32-30	
		12	Y		31-30	
		13	W		29-15	
		14	Y		27-45	
		15	W		26-00	
		16	R	9:27	24-35	
		17	Y		23-20	
		18	W	9:28	20-45	End.

Cut-in 200+00(S)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes J.G. Date 8-14-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 128 G.189

F.B. 1284 PG. 190

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.		
Inst. Sight At On	#	Color	Time	Hor. Ang.		Remarks

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. RCM Date 9-19-46 Plotted ____ Date ____ Job No. 847 Division No. ____
X-Sec. No. ____ Notes Chkd. FE Date 10-17-46 Checked ____ Date ____ Survey of Beach Erosion Survey by Hydrographic Notes RCA Date 8-14-46 Map No. ____ Notes P. Johnson Date ____

F.B. 1788 pg. 191

STATION #	Color	Time	B. S. Meas. Depth	H. I. Bottom	F. S.	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	9 09	28.0	29.5	28.5	3.7	24.8	Range	200+00
2	Y		26.8	28.2	27.3		23.8		
3	W		26.0	27.5	26.3		22.8	Going	In
4	Y		24.9	26.1	25.3		21.6		
5	W		23.2	25.1	23.8		20.1		
6	R	9 15	21.9	23.8	22.5	3.8	18.7		
7	Y		19.9	20.9	20.2		16.4		
8	W		18.1	19.1	18.5		14.7		
9	Y		16.6	18.2	17.1		13.3		
10	W		15.0	16.8	15.6		11.8		
11	R	9 24	13.6	14.7	14.0	3.9	10.1		
12	Y		12.0	13.4	12.5		8.6		
13	W		10.5	11.5	10.8		6.9		
14	Y		9.0	10.8	9.6		5.7		
15	W		8.0	9.5	8.5		4.6		
16	R	9 28	6.9	8.1	7.4	4.0	3.4		
17	Y		6.0	7.1	6.4		2.4		
18	W		5.2	6.4	5.6		1.6	End of Line	

Boat.
200+00(S)

F.B. 128 PG. 192

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.

#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks	STATION	B. S.	H. I.	F. S.	ELEV.

FORM 307 5M 7-43

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.		
195+00 -5	255	1940		1685	From pg. 11	
					Range Line ∡ = 90° F.S. on 5-11	
			278	1662	7.7' R = Ed Walk	
			33	161	34' R - Beach	
			52	142	70' R - "	
			74	120	107' R - "	
			99	95	140' R - "	
			105	89	155' R - "	
T.P.	229	986	1183	757	170' R - "	
			40	59	140' R - "	
			54	45	215' R - "	
			70	29	241' R - Water	
			88	11	280' R - "	
			96	03	326' R - "	
			107	-08	389' R - "	
			118	-19	420' R - "	

Shore
195+00 (5)

Profile No. ____ Notes Red. Low Plotted ____ Date 9-19-46 Date ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____
Job No. 8412 Division No. ____
Survey of Beach Erosion
Survey by Meineck Notes GWK Date 8-16-46
Map No. ____ Indexed C. Johnson Date ____
F.B. 1288 Pg. 193

FORM 307 5M 7-43

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.		
190+00 -5	396	2091		1695	From pg. 11.	
					Range Line ∡ = 90°	F.S. on S-10
			423	1668	9' R - Ed. walk.	
			43	166	49' R - Beach	
			56	153	83' R -- "	
			79	130	110' R - "	
			105	104	137' R - "	
T.P.	042	954	1179	912	157' R - "	
			14	8[illegible]	180' R - "	
			47	4[illegible]	217' R - "	
			79	1[illegible]	271' R - water	
			9[illegible]	0[illegible]	302' R - "	
			10[illegible]	-0[illegible]	392' R - "	
			118	-[illegible]	435' R - "	

Shore
190+00(5)

B. 1786 PG. 194 Job No. 842 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion Date Date No.
Survey by Kleinert Notes Chkd. 8-16-46 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.

STATION Inst. At	Sight	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
195 +00	5-11	1	R	945	9000	Range Line ∡ = 90° FS on 5-11
		2	Y		8955	
		3	W		8925	
		4	Y		8920	
		5	W		8915	
		6	R	952	8930	
		7	Y		9010	
		8	W		9005	
		9	Y		8940	
		10	W		8955	
		11	R	959	8945	
		12	Y		8950	
		13	W		9020	
		14	Y		9010	
		15	W		9020	
		16	R	1003	9000	
		17	Y		8930	
		18	W		9045	End

Range 195+00(5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8417 Division No. ____
Date ____ Date ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Kleinert Notes GWK Date 8-14-'46
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1284 Pg. 195

F.B. 1288 PG. 196

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.		Remarks
Inst. At	Sight On	#	Color	Time	Hor. Ang.	

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
190+00	195+00	1	R	9:45	70-35		Range 195+00
		2	Y		69-50		
		3	W		67-25		
		4	Y		66-40		
		5	W		64-45		
		6	R	9:52	63-35		
		7	Y		62-10		
		8	W		60-20		
		9	Y		58-35		
		10	W		55-55		
		11	R	10:00	55-05		
		12	Y		51-45		
		13	W		49-10		
		14	Y		47-15		
		15	W		44-40		
		16	R	10:04	42-50		
		17	Y		41-30		
		18	W	10:05	39-40	End	

Cut-in. 195+00(5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Meineck Notes J.G. Date 8-14-46
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1284 Pg. 197

F.B. 1280 PG. 198

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.		
Inst. Sight At On	#	Color	Time	Hor. Ang.		Remarks

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	9 45	28.5	30.0	29.0	4.1	24.9	Range	195+00
2	Y		27.3	28.5	27.7		23.6		
3	W		25.8	27.1	26.2		22.1	Going	In
4	Y		24.5	26.3	25.1		21.0		
5	W		23.4	24.6	23.8		19.7		
6	R	9 52	21.9	23.1	22.3	4.1	18.2		
7	Y		20.8	22.2	21.3		17.2		
8	W		19.2	20.5	19.6		15.5		
9	Y		17.7	19.2	18.2		14.1		
10	W		16.1	17.8	16.7		12.6		
11	R	10 00	14.8	16.0	15.2	4.1	11.1		
12	Y		13.3	14.5	13.7		9.6		
13	W		11.7	12.9	12.1		8.0		
14	Y		9.9	11.0	10.3		6.2		
15	W		8.5	9.8	8.9		4.5		
16	R	10 04	6.8	8.1	7.2	4.1	3.1		
17	Y		5.5	6.8	5.9		1.8		
18	W		4.9	6.3	5.4		1.3	End of Line	

Boat.
195+00 (S)

Profile No. ____ Notes Red. FGHS Plotted ____ Job No. ____ Division No. ____ F.B. 128 PG. 138
Date 9-18-46 Date ____ Survey of Beach Erosion
X:Sec. ____ Notes Chkd. FS Checked ____ Survey by Reinhart Notes R.A. Date 8-14-46
No. ____ Date 10-15-46 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 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

F.B. 1284 PG. 200

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

Survey of ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
190 +00	5-10	1	R	1022	90 05	Range Line ∡ = 90° F.S. on 5-10
		2	Y		90 25	
		3	W		90 10	
		4	Y		90 15	
		5	W		90 20	
		6	R	1027	90 30	
		7	Y		90 05	
		8	W		89 55	
		9	Y		90 15	
		10	W		90 05	
		11	R	1034	90 10	
		12	Y		90 10	
		13	W		89 20	
		14	Y		90 15	
		15	W		90 10	
		16	R	1043	90 30	End
		~~17~~				

Range 190+00(5)

Profile No. ____ Notes Red. ____ Plotted ____ Date ____
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____
Job No. 8412 Division No. ____
Survey of Beach Erosion
Survey by Kleinert Notes JWK Date 8-14-'46
Map No. ____ Indexed ____ Date ____

F.B. 1288 Pg. 201

F.B. 1286 PG. 202

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-43

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
Inst. Sight At On	#	Color	Time	Hor. Ang.	

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.		
~~Inst.~~ At	~~Sight~~ On	#	Color	Time	Hor. Ang.	Remarks	
5-9							
180+00	190+00	1	R	10:22	53-55		Range 190+00
		2	Y		52-10		
		3	W		50-10		
		4	Y		48-25		
		5	W		46-30		
		6	R	10:25	44-30		
		7	Y		42-00		
		8	W		39-40		
		9	Y		36-35		
		10	W		34-15		
		11	R	10:34	31-55		
		12	Y		30-00		
		13	W		27-20		
		14	Y		25-45		
		15	W		22-30		
		16	R	10:43	20-25	End	

Cut in.
190+00 (5).

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleinock Notes J.G. Date 8-14-46
Date ____ Date ____ Map No. ____ Alex. Johnson Date ____

F.B. 1284 Pg. 203

F.B. 1284 G. 204

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.	
Inst. Sight At On	#	Color	Time	Hor. Ang.	Remarks

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 23	28.9	30.5	29.4	4.2	25.2	Range	190+00
2	Y		27.0	28.8	27.6		23.4		
3	W		26.0	28.0	26.7		22.5	Going	In
4	Y		24.7	26.4	25.3		21.1		
5	W		23.2	25.0	23.8		19.6		
6	R	10 29	21.1	23.9	22.0	4.2	17.8		
7	Y		20.0	22.0	20.7		16.5		
8	W		18.8	20.3	19.3		15.1		
9	Y		17.0	18.7	17.6		13.4		
10	W		15.8	17.3	16.3		12.1		
11	R	10 35	14.2	15.8	14.7	4.2	10.5		
12	Y		12.2	13.8	12.7		8.5		
13	W		11.0	12.8	11.6		7.4		
14	Y		9.8	10.9	10.2		6.0		
15	W		8.4	9.2	8.7		4.5		
16	R	10 44	6.8	7.8	7.1	4.2	2.9	End of Line	

Boat
190+00(5)

Profile No. ____ Notes Red. LCW Plotted ____ Date 9-19-46 Date ____
X:Sec. No. ____ Notes Chkd. [illegible] Checked ____ Date 10-17-46 Date ____
Job No. 8412 Division No. ____
Survey of Beach Erosion
Survey by Meineck Notes RR Date 8-14-46
Map No. ____ Indexed [illegible] Date ____

F.B. 1286 G. 205

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. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. ____

Job No. ____ Notes ____ Date ____

Survey of ____

Survey by ____

Indexed ____

F.B./PG. 206

STATION		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks

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.		
185+00 -5	067	1735		1668	→ From pg. 11. Range Line ∡ = 90° F.S. on 190+00	
			080	166	6.5 R = Edge walk	
			21	153	39' R - Beach	
			37	137	88' R - " "	
			62	112	120' R - " "	
			75	99	144' R - " "	
			92	82	173' R - " "	
T.P.			1094	641	190' R - " "	(Stk. Lost)
	*	*		*	*	
	130	1798		1668	on Sta. 185+00	
T.P.	307	968	1137	661		
			50	47	221' R - Beach	
			53	14	[illegible] " "	
			7[illegible]	03	311' R - " "	
			[illegible]	-02	[illegible]' R - " "	
			10[illegible]	-12	[illegible]' R - " "	
			118	-21	426' R - " "	

Shore
185+00(5)

Profile
No. ____ Date 9-19-46 Notes Red. LCUC Plotted ____ Date ____ Job No. 8417 Division No. ____
X-Sec. Notes Chkd. ____ Checked ____ Survey of Beach Erosion
No. ____ Date ____ Date ____ Survey by Kleinach Notes Gulk Date 8-19-46
Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 Pg. 207

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.		
5-9 180+00 -5	093	1828		1735	From pg. 11 Range line = 90°	F.S. on 185+00
			116	1712	95' R - Edge walk.	
			04	179	58' R - Beach	
			34	149	100' R - "	
			63	120	125' R - "	
			88	95	155' R - "	
			105	78	184' R - "	
T.P.			1117	711	190' R - "	([illegible])
		*	*	*		
	22d	1959		1735	On Sta. 180+00	
T.P.	223	992	1190	769		
			49	5[illegible]	221' R - Beach	
			88	[illegible]	280' R - Water	
			98	0[illegible]	354' R - "	
			120	-21	430' R - "	

Shore 180+00(5)

F.B. 128 PG. 208

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

Survey of Beach Erosion Date Date X-Sec.

Survey by Meinick Notes WK - 8-19-46 Notes Chkd. Checked No.

Indexed C. 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 ~~Inst.~~ At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
185 +00	5-10	1	R	1055	8930	Range Line ∡ = 90° F.S. on 5-10
		~~2~~	~~Y~~		~~8920~~	
		2 ~~3~~	W		8905	
		3 ~~4~~	Y		8945	
		4 ~~5~~	W		8930	
		5 ~~6~~	R	1100	9000	
		6 ~~7~~	Y		9000	
		7 ~~8~~	W		9010	
		8 ~~9~~	Y		9000	
		9 ~~10~~	W		8950	
		10 ~~11~~	R	1106	8935	
		11 ~~12~~	Y		9010	
		12 ~~13~~	W		8930	
		13 ~~14~~	Y		8945	
		14 ~~15~~	W		8935	
		15 ~~16~~	R	1111	8955	
		16 ~~17~~	Y		8950	
		17 ~~18~~	W		8950	
		18 ~~19~~	Y		8910	
		19 ~~20~~	W		9040	

Range 185+00 (5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1284 PG. 209
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Newark Notes Bink Date 8-14-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson 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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
185+00	5-10	20 ~~84~~	R	1113	8945		
		21 ~~82~~	Y		8815		

F.B. 1286 G. 210
Job No. 8412 Division No.
Survey of Beach Erosion
Survey by Hemack Notes G.W.K. - 8-14-46
Indexed C. Johnson Date
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. 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.		
~~Inst.~~ At	~~Sight~~ On	#	Color	Time	Hor. Ang.	Remarks	
5-9 180+00	190+00	1	R	10:56	68-10		Range 185+00
		2	W		67-10		
		3	Y		66-15		
		4	W		64-55		
		5	R	11:00	62-50		
		6	Y		60-40		
		7	W		59-25		
		8	Y		57-50		
		9	W		56-10		
		10	R	11:07	55-00		
		11	Y		54-50		
		12	W		53-05		
		13	Y		51-50		
		14	W		49-50		
		15	R	11:11	48-20		
		16	Y		46-45		
		17	W		44-55		
		18	Y		42-35		
		19	W		42-30		
		20	R	11:13	40-25		

Cert-in. 185+00 (5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Wheineck Notes J.G. Date 8-14-46
Date ____ Date ____ Map No. ____ Indexed P. Johnson Date ____

F.B. 1284 Pg. 211

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
5-9 180+00	190+00	21	Y	11:15	35 05		Range 185+00

F.B. 8412 PG. 212

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

Survey of ____ Date ____ Date ____ No. ____

Survey by ____ Notes J. Gregory 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

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Do not extend notes this side of this line.

Profile No. ____ Notes Red. RCW Plotted ____ Job No. 842 Division No. ____ F.B. 1844 PG. 213
X-Sec. No. ____ Date 9-19-46 Date ____ Survey of Beach Erosion
Notes Chkd. FE Checked ____ Survey by Steve Notes E.A. Date 8-14-46
Date 10-17-46 Date ____ Map No. ____ Chkd. J. Date ____

STATION #	Color	B. S. Time	H. I. Meas. Depth		F. S. Bottom	ELEV. Ht. Tide	Adj. Depth		Remarks
1	R	10 56	29.0	30.3	29.4	4.2	25.2	Range	185+00
~~2~~	~~Y~~		~~27.9~~	~~29.0~~	~~28.3~~	Out.			
23	W		26.9	28.3	27.4		23.2	Going	In
3	Y		25.8	27.1	26.2		22.0		
4	W		24.6	25.9	25.0		20.8		
5	R	11 01	23.4	24.7	23.8	4.2	19.6		
6	Y		22.2	24.1	22.8		18.6		
7	W		20.9	22.8	21.5		17.3		
8	Y		19.7	21.1	20.2		16.0		
9	W		18.6	20.0	19.1		14.9		
10	R	11 08	17.2	18.9	17.8	4.2	13.6		
11	Y		15.9	17.3	16.4		12.2		
12	W		14.6	16.0	15.1		10.9		
13	Y		13.5	15.1	14.0		9.8		
14	W		12.4	13.9	12.9		8.7		
15	R		11.0	13.0	11.7		7.5		
16	Y		9.8	11.1	10.2		6.0		
17	W		8.5	10.0	9.0		4.8		
18	Y		7.3	8.8	7.8		3.6		
19	W		6.0	7.5	6.5		2.3		

Boat
185+00(5)

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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	
20	R	11 14	5.0 6.7	5.6	4.2	1.4	Range	185+00 [Going In]
21	Y		4.3 6.0	4.9		0.7	End of Line	

F.B. 178 Pg. 214 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion Date Date No. X-Sec.
Survey by Meineck Notes FGA - 8-14-46 Notes Chkd. Checked
Indexed Date Date 10-17 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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
180 +00	5-10	1	R	1134	8945	Range Line ∡ = 90° F.J. on 5-10
		2	Y		8930	
		3	W		8920	
		4	Y		8910	
		5	W		9020	
		6	R	1140	9005	
		7	Y		9025	
		8	W		9030	
		9	Y		9005	
		10	W		8945	
		11	R	1144	8915	
		12	Y		8945	
		13	W		8900	
		14	Y		8920	
		15	W		8845	
		16	R	1147	8955	
		17	Y		8940	
		18	W		9010	
		19	Y		9010	
		~~20~~				

Range
180+00 (5)

Profile No. ____ Notes Red. ____ Plotted ____ Date ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Beach Erosion
Survey by Kleineck Notes GWK Date 8-14-46
Map No. ____ Indexed J. Johnson Date ____

F.B. 1284 PG. 215

F.B. 1286 PG. 216

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.	Remarks
Inst. Sight At On #	Color	Time	Hor. Ang.		

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.		
~~Inst.~~ At	~~Sight~~ On	#	Color	Time	Hor. Ang.	Remarks	
175+00	S-9	1	R	11:35	73-25		Range 180+00
		2	Y		72-50		
		3	W		72-05		
		4	Y		71-00		
		5	W		69-25		
		6	R	11:41	67-35		
		7	Y		65-55		
		8	W		64-10		
		9	Y		63-25		
		10	W		62-20		
		11	R	11:44	60-50		
		12	Y		59-35		
		13	W		57-25		
		14	Y		55-10		
		15	W		52-35		
		16	R	11:48	50-50		
		17	Y		47-30		
		18	W		45-25		
		19	Y	11:50	44-00	End.	

Cut-in.
180+00 (5)

Profile No. ____ Notes Red. ____ Plotted ____ Date ____
X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____
Job No. 8412 Division No. ____
Survey of Beach Erosion
Survey by Meineck Notes J.G. Date 8-14-46
Map No. ____ Indexed S. Johnson Date ____

F.B. 1284 PG. 217

F.B. 128 PG. 218

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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.		Remarks
Inst. Sight At	On	#	Color	Time	Hor. Ang.	

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 36	28.2	30.1	28.8	4.0	24.8	Range	180+00
2	Y		27.1	28.9	27.7		23.7		
3	W		26.2	28.1	26.8		22.5	Going	In
4	Y		25.1	26.9	25.7		21.7		
5	W		24.0	25.8	24.6		20.6		
6	R	11 42	22.8	24.4	23.3	3.9	19.4		
7	Y		21.6	23.3	22.2		18.3		
8	W		20.2	22.5	21.0		~~16.1~~ 17.1		
9	Y		18.8	20.4	19.3		15.4		
10	W		17.6	19.1	18.1		14.2		
11	R	11 45	16.5	18.2	17.1	3.9	13.2		
12	Y		15.1	17.2	15.8		11.9		
13	W		13.9	15.6	14.5		10.6		
14	Y		12.6	14.1	13.1		9.2		
15	W		11.4	13.0	11.9		8.0		
16	R	11 49	10.0	11.5	10.5		6.6		
17	Y		8.6	10.0	9.1	3.9	5.2		
18	W		7.0	8.3	7.4		3.5		
19	Y		5.9	6.8	6.2		2.3	End of Line	

Boat
180+00(S)

Profile No. ____ Notes Red. Rowe Plotted ____ Job No. 8412 Division No. ____
Date 7-19-86 Date ____ Survey of Beach Erosion
X-Sec. No. ____ Notes Chkd. HE Checked ____ Survey by Element Notes RCA Date 7-14-86
Date 10-17-86 Date ____ Map No. ____ Date ____
F.B. 1784 Pg. 219

F.B. 128 PG. 220

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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.		
175+00 -S	082	1882		1800	→ From pg. 11. Range Line ∡ = 90° F.S. on 5-9	
			096	1786	55' R. - Edge walk.	
			04	184	10' R. - Beach.	
			10	178	26' R. - "	
			18	170	48' R. - "	
			49	139	84' R - "	
			88	100	124' R - "	
			105	83	147' R - "	
T.P.			1200	682	170' R - "	
			*	*	*	(Stake Lost)
	157	1957		1800	On Sta. 175+00	
T.P.	212	985	1184	773		
			46	52	196' R - water	
			73	28	236' R - "	
			92	06	284' R - "	
			102	-04	331' R - "	
			105	-07	378' R - "	
			118	-20	404' R - "	

Shore
175+00(S)

Profile No. ____ Notes Red. LMW Plotted ____ Job No. 8426 Division No. ____ F.B. 1284 Pg. 221
Date 9-19-46 Date ____ Survey of Beach Erosion
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Meinecke Notes Gulk Date 8-19-46
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	B. S.	H. I.	F. S.	ELEV.		
170+00 -5	204	1970		1766	From pg. 11. Range Line ∡ = 90°	F.S. on 5-9
			235	1735	9.1 R - Edge walk	
			25	172	22' R. - Beach.	
			52	145	45' R - "	
			71	126	73' R - "	
			97	100	100' R - "	
TP	211	1006	1175	7.5	125' R - "	
			44	57	182' R - "	
			85	16	249' R - Water	
			94	07	302' R - "	
			113	-12	382' R - "	
			124	-23	4.4' R - "	8-21-46

Shore
170+00 (5)

F.B. 1284 PG. 222
Job No. 8412 Division No. Notes Red. Plotted
Survey of Beach Erosion Date Date No.
Survey by Hancock Notes GWK Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.
Profile

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.		
175+00	S-9	1	R.	710	9100	Range Line ∡ =	90° F.J. on S-9
		2	Y		8935		
		3	W		9100		
		4	Y		9000		
		5	W		8930		
		6	R	721	8930		
		7	Y		8840		
		8	W		8920		
		9	Y		8930		
		10	W		8905		
		11	R	727	8915		
		12	Y		8950		
		13	W		8920		
		14	Y		8930		
		15	W		9020		
		16	R	730	9005		
		17	Y		9005		
		18	W		9020		
		~~19~~	~~Y~~		~~9000~~	Out.	
		~~20~~	~~W~~		~~9005~~	Out	

Range
175+00(5)

Profile
No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 8412 Division No. ____
X-Sec. Date ____ Date ____ Survey of Beach Erosion
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by Flewell Notes G.W.K. Date 8-15-40
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1284 Pg. 223

F.B. 1284 PG. 224 Job No. 842 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Date _____ Date _____ No. _____

Survey by Klemeck Notes GWK 8-15-46 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

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STATION	B.S.	H.I.	F.S.	ELEV.
Inst. Pt.	Sight # On	Color	Time	Hor. Ang.
175	5-9 19 ~~#~~	R	733	9040
400	~~2022~~	Y		9035
				End

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.		
~~Inst.~~ At	~~Sight~~ On	#	Color	Time	Hor. Ang.	Remarks	
5-8 165+00	175+00	1	R	7:11	59-10		Range 175+00
		2	Y		55-25		
		3	W		54-30		
		4	Y		52-40		
		5	W		50-40		
		6	R	7:22	49-30		
		7	Y		47-20		
		8	W		45-50		
		9	Y		44-10		
		10	W		42-45		
		11	R	7:27	41-30		
		12	Y		39-30		
		13	W		38-00		
		14	Y		36-15		
		15	W		34-45		
		16	R	7:32	32-30		
		17	Y		29-30		
		18	W		26-00		
		19	R	7:34	23-05		
		20	Y		23-30		

Cut in. 175+00(5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 842 Division No. ____
Date ____ Date ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Meinert Notes ____ Date 8-15-46
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1284 PG. 225

F.B. 1280 PG. 226

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

STATION	B. S.	H. I.	F. S.	ELEV.		Remarks
Inst. Sight At On	#	Color	Time	Hor. Ang.		

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 11	28.1 / 29.6	286	1.3	27.3	COMING IN RANGE 175+00
2	Y		27.0 / 28.6	275		26.2	
3	W		26.0 / 27.8	266		25.3	
4	Y		25.0 / 26.5	255		24.2	
5	W		24.0 / 25.8	246		23.3	
6	R	7 23	22.9 / 24.6	235	1.6	21.9	
7	Y		21.9 / 22.9	222		20.6	
8	W		20.8 / 22.3	213		19.7	
9	Y		19.4 / 20.8	199		18.3	
10	W		18.0 / 19.8	186		17.3	
11	R	7 28	17.0 / 18.5	175	1.7	15.8	
12	Y		15.5 / 17.0	160		14.3	
13	W		14.2 / 15.5	146		12.9	
14	Y		13.0 / 15.0	137		12.0	
15	W		12.0 / 13.8	126		10.9	
16	R	7 32	10.8 / 12.2	11~~2~~3	1.7	9.6	
17	Y		9.8 / 11.2	10~~2~~3		8.6	
18	W		8.6 / 9.8	90		7.3	
19	Y		7.8 / 8.3	80	Out		
20	W		5.8 / 7.2	63	Out.		

Boat. 175+00(5)

Profile No. ____ Notes Red. Lour Plotted ____ Date 9-19-46 Date ____
X:Sec. No. ____ Notes Chkd. HE Checked ____ Date 10-17-46 Date ____
Job No. 8412 Division No. ____ Survey of Beach Erosion Survey by Klemeck Notes HRS Date 8-15-46 Map No. ____ Notes C. Johnson Date ____

F.B. 1284 PG. 227

F.B. 1284 PG. 228

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

Survey of Beach Erosion Date _____ Date _____ No. _____

Survey by Kleineck. Notes Stock — 8-15-46 Notes Chkd. WS Checked _____ X-Sec.

Indexed C. Johnson Date _____ Date 10-17 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.	Adj. Depth	Remarks
# Color	Time	Meas. Depth	Bottom	High Tide		
19 R	7.34	5.2	57	1.5	3.9	GOING IN Range 175+00
20 Y		4.5	49		3.1	END OF LINE
		5.8				

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.		
170+00	S-9	1	R	750	8950	Range Line ∡ = 90° F.S. on S-9	
		2	Y		8930		
		3	W		8900		
		4	Y		8940		
		5	W		8950		
		6	R	757	8945		
		7	Y		8920		
		8	W		9035		
		9	Y		9050		
		10	W		9050		
		11	R	803	9000		
		12	Y		8940		
		13	W		8940		
		14	Y		8940		
		15	W		8950		
		16	R	806	9020		
		17	Y		9050		
		18	W		9120		
		19	Y		9235		
		~~20~~					

Range 170+00 (S)

Profile
No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 5412 Division No. ____
X-Sec. Date ____ Date ____ Survey of Beach Erosion
No. ____ Date ____ Notes Chkd ____ Checked ____ Survey by Kleinert Notes GWK Date 8-15-46
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 1284 PG. 229

F.B. 128 PG. 230

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 BM 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. Ht.	Sight # On	Color	Time	Hor. Ang.

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.		
~~Inst.~~ At	~~Sight~~	#	Color	Time	Hor. Ang.	Remarks	
5-5 [illegible]	170+15		R	7:51	71-15		Range 170+00
		2	Y		70-15		
		3	W		68-35		
		4	Y		67-30		
		5	W		66-40		
			R	7:58	65-35		
			Y		63-30		
		8	W		62-55		
		9	Y		61-50		
		10	W		60-10		
		11	R	8:04	57-25		
		12	Y		55-50		
		13	W		52-40		
		14	Y		51-00		
		15	W		48-35		
		16	R	8:07	46-00		
		17	Y		42-55		
		18	W		42-15		
		19	Y		41-50	End	

Cut-in. 170+00 (5)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
Date ____ Date ____ Survey of Beach Erosion
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Kleinsorg Notes [illegible] Date 8-15-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 1284 PG. 231

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	

F.B. 1788 PG. 237

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

Survey of ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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	7:51	28.2 / 29.3	286	2.2	26.4	Going In. Sta. 170+00
2	Y		27.0 / 28.4	275		25.3	
3	W		26.0 / 27.5	265		24.3	
4	Y		25.5 / 26.5	255		23.3	
5	W		23.8 / 22.8	245		22.3	
6	R	7:58	22.4 / 23.5	228	2.3	20.5	
7	Y		21.0 / 22.8	216		19.3	
8	W		19.5 / 20.8	199		17.6	
9	Y		18.0 / 20.0	187		16.4	
10	W		16.5 / 18.3	171		14.8	
11	R	8:03	15.3 / 17.3	160	2.4	13.6	
12	Y		13.9 / 15.4	144		12.0	
13	W		12.6 / 14.2	131		10.7	
14	Y		11.0 / 12.5	115		9.1	
15	W		9.8 / 11.4	103		7.9	
16	R	8:07	8.3 / 10.0	89	2.4	6.5	
17	Y		6.8 / 8.3	73		4.9	
18	W		5.3 / 6.3	58		3.4	
19	Y		5.0 / 7.2	57		3.3	End of line

Boat.
170+00(5)

Profile No. ____ Notes Red. Lowr Plotted ____ Date 9-19-46 Date ____
X:Sec. No. ____ Notes Chkd. E Checked ____ Date 10-17-46 Date ____
Job No. 8472 Division No. ____ Survey of Beach Erosion Survey by Meiners Notes G.O.H. Date 8/13/46 Map No. ____ Indexed Johnson Date ____

F.B. 1284 P.G. 233

F.B. 1284 PG. 234

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 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

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.		
165+00 (5-8)	052	1801.		1749	From pg. 10 Range Line ∡ = 90° F.S on 5-9	
			065	1736	6.0' R. – Edge walk	
			35	145	27' R – Beach.	
			65	115	65' R – "	
			88	92	96' R – "	
T.P.	317	984	1134	667	130' R – "	
			51	47	166' R – "	
			79	19	211' R – Water	
			93	05	249' R – "	
			99	-01	284' R – "	
			106	-08	336' R – "	
			114	-16	377' R – "	

Shore
165+00 (5)

Profile Notes Red LOW Plotted ____ Job No. 8417 Division No. ____ F.B. 1284 Pg. 235
No. ____ Date 9-19-46 Date ____ Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Klemeck Notes GWK Date 8-19-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____
R. 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.		
160+00 -S	048	1796		1748	∠ From pg. 10 Range Line ∠ = 90°	F.J. on S-8
			064	1732	5.6'R - Edge walk	
			36	144	24'R - Beach	
			57	123	46'R - "	
			83	97	81'R - "	
			101	79	110'R - "	
TP	286	992	1090	706	125'R - "	
			46	53	162'R - "	
			74	25	196'R - Water	
			91	08	248'R - "	
			97	02	304'R - "	
			109	-10	384'R - "	
			117	-18	375'R - "	

Shore
160+00 (S)

F.B. 128 PG. 236 Job No. 842 Division No. Notes Red. Plotted No. Profile
Survey of Beach Erosion Date Date X-Sec.
Survey by Klemack Notes GWK - 8-19-46 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		B. S.	H. I.	F. S.	ELEV.		
Inst. At.	Sight On	#	Color	Time	Hor. Ang		
165	5-9	1	R	826	89 10	Range Line ∡ = 90°	F.J. on 5-9
+00		2	Y		89 15		
= 5-8		3	W		89 15		
		4	Y		89 25		
		5	W		89 50		
		6	R	832	90 05		
		7	Y		90 25		
		8	W		90 15		
		9	Y		90 40		
		10	W		90 50		
		11	R	836	90 40		
		12	Y		90 50		
		13	W		91 00		
		14	Y		90 40		
		15	W		90 40		
		16	R	839	90 35		
		17	Y		90 05		
		18	W		89 30		
		19	Y		89 35		
		20	W		89 35		

Range
165+00 (5)

Profile Notes Red ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1288 PG. 237
No. ____ Date ____ Date ____ Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Meinert Notes G. Wilk Date 8-15-'46
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 128 PG. 238 Job No. 8412 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Date _____ Date _____ No. _____

Survey by Kleinock Notes GWK - 8-15-46 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

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.
Inst. Ht.	Sight #	Color	Time	Hor. Ang.
165	On	R	843	9000
+00	5-9	21		
(5-8)		~~22~~	~~Y~~	~~9000~~

Out.

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
155+00	S-8	1	R	8:27	52-55	Range 165+00
		2	Y		52-00	
		3	W		49-20	
		4	Y		48-15	
		5	W		47-05	
		6	R	8:33	45-20	
		7	Y		43-25	
		8	W		42-20	
		9	Y		41-00	
		10	W		39-45	
		11	R	8:37	37-40	
		12	Y		36-15	
		13	W		34-55	
		14	Y		32-20	
		15	W		31-00	
		16	R	8:40	29-50	
		17	Y		27-40	
		18	W		25-35	
		19	Y		24-10	
		20	W		23-20	

Cut-in. 165+00 (S)

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 842 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes J.G. Date 8-15-'46
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1284 PG. 239

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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	
155+00	S-8	21	R	[illegible]	22-20		Range 165+00

F.B. 128A PG. 240 Job No. 8412 Division No. Notes Red. Date Plotted Date No. Profile
Survey of Beach Erosion Date Checked Date No. X-Sec.
Survey by Meineck Notes J. Gregory Notes Chkd. Date
Indexed [illegible] 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	8:27	23.0 / 30.0	287	2.8	25.9	Going In Sta 165+00
2	Y		26.8 / 28.3	273		24.5	
3	W		25.5 / 27.5	260		23.2	
4	Y		24.5 / 25.8	24.9 ~~253~~		22.1	
5	W		23.2 / 25.2	239		21.1	
6	R	8:33	22.2 / 24.2	228	2.8	20.0	
7	Y		20.8 / 23.3	215		18.7	
8	W		19.5 / 21.0	200		17.2	
9	Y		18.5 / 19.8	189		16.1	
10	W		17.2 / 18.3	176		14.8	
11	R	8:37	16.2 / 17.4	166	2.9	13.7	
12	Y		15.1 / 16.3	155		12.6	
13	W		13.8 / 16.8	145		11.6	
14	Y		12.8 / 14.2	133		10.4	
15	W		11.5 / 13.3	121		9.2	
16	R	8:40	10.5 / 13.3	114	3.0	8.4	
17	Y		9.5 / 11.2	101		7.1	
18	W		8.3 / 10.2	89		5.9	
19	Y		7.3 / 9.2	79		4.9	
20	W		6.2 / 8.2	71		4.1	

Boat 165+00(S)

Profile No. ____ Notes Red. LMW Plotted ____ Date 9-19-46 Date ____
X:Sec. No. ____ Notes Chkd. HE Checked ____ Date 10-17 Date ____
Job No. 8412 Division No. ____
Survey of Beach Erosion
Survey by Meineck Notes GOH Date 8/15/46
Map No. ____ Checked Johnson Date ____

F.B. 1284 PG. 241

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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
21	R.	8:45	5.3	5.9	3.0	5.9	Going In	Range 165+00
	Y.		7.1			5.2		OUT
			4.8					
			6.3					

F.B. 1284 PG. 242 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion Date Date No. X-Sec.
Survey by Meineck Notes G.H. - 8-15-'46 Notes Chkd. Checked
Indexed C. Johnson Date Date 10-17 Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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.		
160+00	5-8	1	R	853	8955	Range Line ∡ = 90°	F.S. on 5-8
		2	Y		8950		
		3	W		9035		
		4	Y		8955		
		5	W		8915		
		6	R	902	9040		
		7	Y		8950		
		8	W		8915		
		9	Y		8915		
		10	W		9025		
		11	R	906	9015		
		12	Y		8925		
		13	W		8950		
		14	Y		8925		
		15	W		8940		
		16	R	911	9025		
		17	Y		9045		
		18	W		8900		
		19	Y		8950		
		20	W		9045		

Range 160+00(5)

Profile Notes Red ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1284 PG. 243
No. ____ Date ____ Date ____ Survey of Beach Erosion
X-Sec. Notes Chkd. ____ Checked ____ Survey by Kleinert Notes GWK Date 8-15-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

F.B. 1286 PG. 244 Job No. 8412 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Date _____ Date _____ No. _____

Survey by Kleineck Notes G.W.K. - 8-15-'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

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STATION	B.S.	H.I.	F.S.	ELEV.
Inst. At.	Sight On	#	Color	Time	Hor. Ang.
160	5-8	21	R	913	8740
400		22	Y		8830

End

FORM 307 5M 1-46

PLEASE RETURN TO
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700 HALL OF RECORDS

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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.		
155+00	5-8	1	R	8:55	71-30		Range 160+00
		2	Y		69-35		
		3	W		[illegible]		
		4	Y		67-45		
		5	W		65-50		
		6	R	9:03	65-35		
		7	Y		63-30		
		8	W		61-50		
		9	Y		61-15		
		10	W		61-10		
		11	R	9:05	59-45		
		12	Y		56-30		
		13	W		55-00		
		14	Y		52-05		
		15	W		50-55		
		16	R	9:12	49-20		
		17	Y		48-05		
		18	W		44.25		
		19	Y		42-40		
		20	W		40-50		

Cut-in. 160+00(S)

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1284 Pg. 245

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

Notes Chkd. ____ Checked ____ Survey by Klemack Notes J.G. Date 8-15-46

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

R. C. Johnson

B.1288 PG. 246

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

Survey of Beach Erosion Date ____ Date ____ No. ____

Survey by Kleineck Notes J. Gregory - 8-15-46 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

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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.	
156+00	5-8	21	R	9:14	[illegible]		Range 160+00
		22	Y		33 15	End.	

FORM 307 LM 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	8:54	29.6	29	3.2	25.9	Going In Sta.
2	Y		27.5	28		25.0	160+00
3	W		28.3	27		23.9	
4	Y		25.7	258		22.6	
5	W		24.0	24.6		21.4	
6	R	9:03	23.8	237	3.3	20.4	
7	Y		22.5	225		19.2	
8	W		21.5	215		18.2	
9	Y		20.3	206		17.3	
10	W		18.6	194		16.1	
11	R	9:07	17.4	176	3.4	14.3	
12	Y		16.5	162		12.8	
13	W		14.5	149		11.5	
14	Y		13.6	135		10.1	
15	W		12.2	124		9.0	
16	R	9:11	11.8	116	3.5	8.1	
17	Y		10.6	107		7.2	
18	W		9.6	91		5.6	
19	Y		7.6	83		4.8	
20	W		6.9	71		3.6	

Boat
160+00(S)

Profile No. _____ Notes Red Book Page No. _____ Job No. 1412 Division No. _____
Date 9-19-46 Plotted _____ Date _____ Survey of Beach Erosion Notes TOH Date 8/15/46
X-Sec. No. _____ Notes Chkd. RE Checked _____ Date _____ Survey by Alameda Map No. _____ Date _____
Date 10-17-46 Date _____ Map No. _____ Date _____

1284

#	Color	Time	Meas. Depth	Bottom	Tide	Adj. Depth		Remarks
21	R	9:14	5.2	59	3.5	2.4	Going In	Range 160+00
22	V		7.2	48		1.3		End of line

Notes Red. LCWF Plotted
Date 9-19-46 Date
Notes Chkd. [illegible] Checked
Date Date
Indexed Date