Profile No. _____ X-Sec. 4

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

Date _____ Date _____ Survey of _____

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

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

F.B. PG.

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

LOS ANGELES COUNTY SURVEYOR

Do not extend [illegible] of this line.

1184

STATION

Microfilmed Sept '87

F.B. Pg.

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

Survey of_____ Date_____ Date_____ No._____

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

Indexed_____ Date_____ Date_____ Date_____ No._____

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

76L298 307 5-49

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

F.B. 1184 Pg. 1

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
Date ____ Date ____ Survey of ____
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date 5-20-46

BEACH EROSION SURVEY

IN

REDONDO BEACH

FROM

10TH ST. (BASE LINE STATION S12)

SOUTH TO

MALAGA COVE (BASE LINE STATION S29)

J.N. 8412 KLEINECK-EMMOTT

MARCH & APRIL 1946 GUNDERSON

MAY - JUNE 1946 J. MOORE

ANDERSON

HOBSON

GASKELL

STOCK

ELEV.

F. S.

FOR TIDE GAGE READINGS SEE F.B. 1251

H. I.

B. S.

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.

F.B. 1184 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 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.

F.B. 1184 PG. 3

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 8112 Division No. _____

X:Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of Beach Erosion Redondo

Survey by Emmott Notes _____ Date _____ Map No. _____ Indexed _____ Date _____

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

FORM 307 2M 8-48

F.B. 184 PG. 4

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ XSec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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.

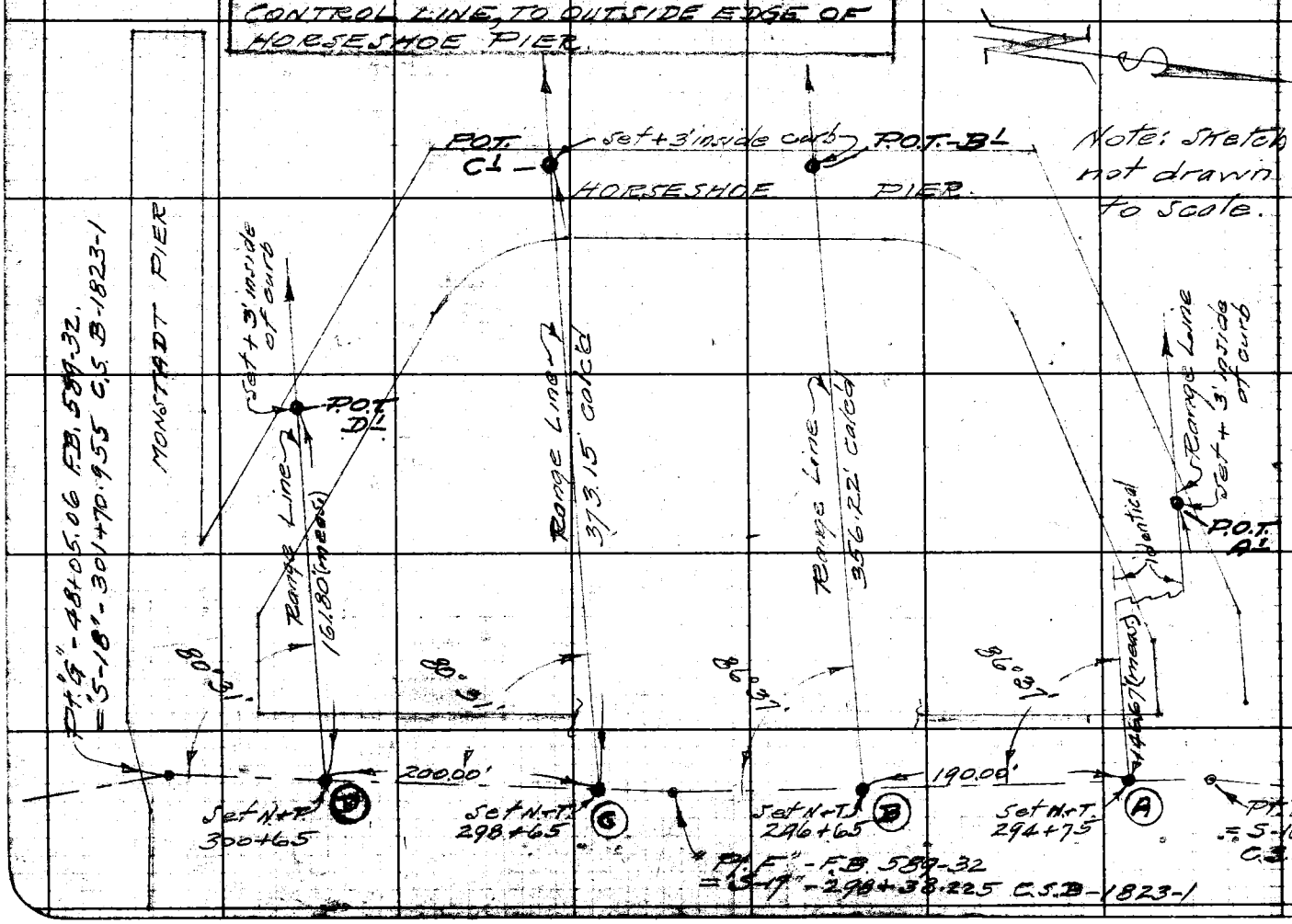
FORM 247 5M 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

PROJECTION OF RANGE LINES FROM CONTROL LINE, TO OUTSIDE EDGE OF HORSESHOE PIER.



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

Survey of Beach Erosion Redondo
W. O. 8412 Tape No. 288 Std. 68 °F
Surveyed by G. W. Kleinecke
Notes G.W.K. Date 5-10-46
Indexed

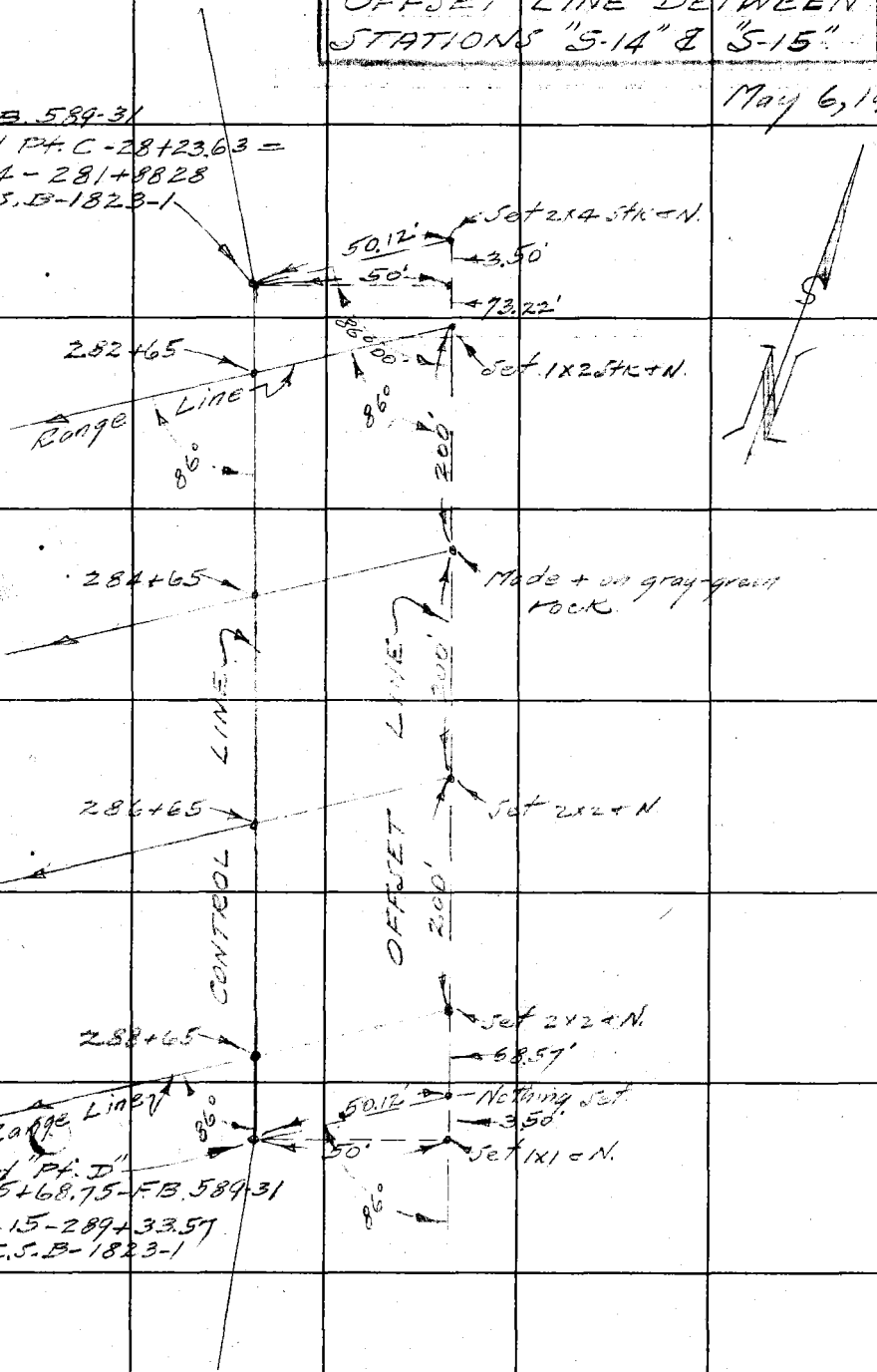
F.B. 1184 Pg. 5

F.B. 1184 Pg. 6

OFFSET LINE BETWEEN STATIONS "S-14" & "S-15"

May 6, 1946.

{F.B. 589-31
{Old Pt. C - 28+23.63 =
S-14 - 281+88.28
C.S.B-1823-1



{Old "Pt. D"
{35+68.75 - F.B. 589-31
= S-15 - 289+33.57
C.S.B-1823-1

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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FORM 247 SM 10-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

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

Survey of
W. O. Tape No. St'd. °F
Surveyed by
Notes Date
Indexed

F.B. 1182 PG. 9

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Note: Any Additions or Changes on This Sheet Must 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. 1194 Pg. 8

FORM 247 SM 10-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

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

Survey of
W. O. Tape No. St'd. °F
Surveyed by
Notes Date
Indexed

F.B. 1184 PG. 9

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. 1184 PG. 10

Profile	Notes Red.	Plotted	Job No. 8412	Division No.	F.B. 1184 Pg. 11
No.	Date	Date	Survey of Beach Erosion		
X:Sec.	Notes Chkd.	Checked	Survey by G. Kleineck	Notes G.W.K.	Date May-46
No.	Date	Date	Map No.	[illegible]	Date 5-20-46

BEACH EROSION SURVEY — REDONDO-MALAGA COVE AREAS.

J.N. 8412.

BENCH LEVELS & PROFILE NOTES.

Bench Levels Page 12.
Profile " " 13-22.

G. Kleineck
H. Gunderson
J.W.S. Moore
R. Anderson
R. Hobson

May-1946.

DATUM.

M.L.L.W.

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

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 2M 6-45

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.

F.B. 1184 Pg. 12 | Job No. 8412 Division No. Redondo Area | Profile No. | Notes Red. | Plotted | X-Sec. No. | Checked

Survey of Beach Erosion - Redondo Area | Date | Date

Survey by T. H. Kennedy Notes SW 1/4 Sec. 36 | Notes Chkd. L. K. F. | Date

Indexed by C. Johnson Date | Date 5-21-46

STATION	B. S.	H. I.	F. S.	ELEV.	
				+4.33	M.L.L.W. Datum.
BM-L.S. 103	11.913	59250		+7.[illegible]	=U.S. 10.2. - Elev. 23 ft. (U.S.G.S.) - - Ft. Redondo Beach, L.A. Co., at the Emerald St. entrance to the City Hall, and in the top of the E. end of the bottom step. A U.S.G.S. Tablet stamped "E.S. 28A 1925" (All U.S.C. & G.S. Datum). elev. - - 47.537
① T.P.	10732	67550	2482	56.918	
② T.P.	1533	67725	1357	(illegible)	
③ T.P.	0997	57873	10.909	56.964	
④ T.P.	3565	52479	8.959	49.914	
BM U.S.-1281	1.850	52.559	1.820	50.709	BM. U.S. 1281. 1950. at Redondo Beach, L.A. Co., at SW. Cor. of the intersection of Pacific and Coral Way, at the Bank of America Bldg; at the large pillars N. of the door and in the top of the stone foundation. A Sta. disk stamped: "U-50, 1926" 1941 U.S.C. & G.S. adj. elev. - 47.867 (50.667)
⑤ T.P.	1.054	41.783	11.755	40.728	
⑥ T.P.	0.334	50.634	1.483	50.151	
⑦ T.P.	3.557	24.707	9.479	21.150	
S-18 (OLD Pt. 6)			5.382	19.325	Fd. L.T.T. near S'ly edge of 2nd Monolith Pier in conc. deck. Sta. 30+79.0 (SR. 56 p. 56.
		Return Circuit to U.S. BM 1281.			
S-18	5.502	24.827		19.325	
T.B.M.	11.608	34.812	1.623	23.204	(Chiseled □ for 2' high conc. pillar at foot of E. stair railing on E. side Coral Way & N. side El Paseo. (At foot of Coral Way)
T.P.	10.123	24.594	0.346	14.468	
T.P.	9.113	52.461	1.246	43.348	
B.M. U.S. 1281			1.803	50.658	See above.

Profile No.____ Notes Red.____ Date____ Plotted____ Date____ Job No.____ Division No.____ Survey of____

X:Sec. No.____ Notes Chkd.____ Date____ Checked____ Date____ Survey by____ Notes____ Date____ Map No.____ Indexed C. Johnson Date____

F.B. 1184 Pg. 13

PROFILE LEVELS - CONTROL LINE
REDONDO - MALAGA COVE AREA

Pages 13-22.

DATUM - M.L.L.W.

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

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 2M 8-48

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.

9201
5-7582
16+682

F.B. 184 Pg. 14 | Job No. 82-12 | Division No. | Profile No. | X-Sec. No.

Survey of Bench Erosion - Redondo Area

Survey by C.T. Sullivan | Notes Sta. 5+62.4 to Sta. 278+65 | Notes Chkd. L. K. F. | Checked

Indexed | Notes | Date | Notes Red. | Date | Plotted | Date

Date 5-21-76

STATION	B. S.	H. I.	F. S.	ELEV.	
253+64.31					
S-12	4945	22305		17.360	✓ L + T. = Sta. 253+64.31 Old PK "A" = 0+00 " in conc. walk on ℄ of 10th St. at Edison Pier. - See F.B. 589-81.
254+65			505	1725	+ in conc. walk.
256+65			525	1705	" " " "
258+65			537	1693	" " " "
T.P.	4740	21865	5180	17125	
260+65			512	16.74	" " " "
262+65			523	16.63	" " " "
T.P.	4822	21607	5085	16.730	
264+65			505	1655	" " " "
S-13					✓ El. 16.622
264+95.27	5233	21880	4947	16.655	L + T. of angle pt. (old PK "B") F.B. 589-82
266+65			513	1671	+ in conc. walk
268+65			492	16.95	" " " "
T.P.	3141	22198	2521	19.057	
270+65			516	1702	" " " "
272+65	5515	22441	5272	16.926	1x1 Sq. C.
274+65			500	17.44	PK Spk. in board walk.
276+65			522	17.22	2x2 Stk.
T.P.	5595	23184	4852	17.589	
T.B.M.	2768	19089	6863	16.34	Set C. Spk. + T. on E. end ℄ top of 12"x12" timber on piling, a beat support for old strand walk 2.5± S. of Stucco Bldg. # 322 and oct. Sta's 274+65 + 276+65.
278+65			700	1709	2x2 Stk.

Notes Cont'd top Page 15

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 Notes Red. Plotted Job No. 8412 Division No.
No. Date Date Survey of Beach Erosion - Redondo Area
X-Sec. Notes Chkd. L. K. F. Checked Survey by Mapping Notes RWK Date 5-2-46
No. Date 5-2-46 Date Map No. Checked Date

F.B. 1184 Pg. 15

STATION	B. S.	H. I.	F. S.	ELEV.		
		19089			Brot Ford. from pg 14	
280+65			805	11054		
T.P.	2642	15146	6587	12504		
282+65			383	11324	1½" SK on 50' offset line to left	
284+65			517	9984	+ on grey-gray rock on 50' offset	
T.P.	5735	16419	4465	10681		
286+65			705	9371	2x2 SK. on 50' offset line	
T.P.	5485	27021	0783	15536		
288+65			779	18242	2½" SK	
T.B.M.	2695	22217	7492	19527	(Face of wall opp. Sta. 289+91. 15.2' E. of con	
290+65			1669	5531	1x1 + N. (On 2' offset to right.)	
T.P.	2538	16035	8720	13497		
292+65			2361	13673	+ on 3' square block of concrete.	
T.P.	6521	20839	1717	14318		
T.P.	5257	23988	2108	18731		
294+09.9 C-16	5468	24144	5312	18676	PK. in deck of Pier	
B.M.-U.S.	2033	23824	2343	21801	(U.S.-R780. Copper bolt in W. side conc. wall, 0.3' from top + 9.35' N. of S. end + 25'± N. of old B.R. Sta. 1935 U.S.C+G.S. Tidal Datum. El. 18.75 M.L.L.W.=2.55	
294+75			1439	19444	N+T in plank deck inside Yoke, thru pier	
296+65	5191	25223	3702	20032	" " " " " "	
298+65			5055	20017	" " " " " "	
300+65			5213	20009	" " " " " "	

Carried to pg 16

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.

F.B. 1884 PG. 16

Job No. 54-12 Division No. Notes Red. Plotted Profile
Survey of Reservoir - Pershing Drive Date Date No.
Survey by T. Hillman & Notes E.S.A. 5-8-46 Notes Chkd. L. K. F. Checked X-Sec.
Indexed by C. Tabeling Date Date 5-21-46 Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
301+70.06		25223			Prof. Top of Tank from Sy. 15.	
S-15			5421	19403	F.P. 587-36 L+T. near Sycamore Canyon Road - Monument Pier	
		*	*			
"S-15"	5395	24720			This elev. estab'd with bench levels from U.S. BMs #103 & 1281 on Sy. 12.	
TP	4460	17653	11527	13193		
302+65			796	169	2x4 on beach	
304+65			423	1932		
TBM	11120	27358	1420	16233	Wire spk. in top of 2' high piling N. side of conc. steps, opp Sta. 304+65. 300'± S. of Monument Pier.	
305+71.59						
S-19	2216	24028	5621	18407	on brass cap Mon. in roadway to life guard Sta.	
306+65			3041	20987	P.K. in C.L. + T.	
308+65			4418	19605	" " "	
310+65			5586	18417	" " "	
312+00.87						in roadway to life-
S-20	5695	22333	6420	16638	On brass cap Mon.	guard Station
312+65			4961	17334	P.K. + T. in pvt.	
314+65			4973	17337	" " " "	
315+65	5649	23267	4653	18614		
~~316+00~~			~~5548~~ 5548	~~17719~~ 17719	" " " "	Out
317+00			5011	18256	" " " "	
317+96.5						
S-21	5762	24351	4678	18589	On brass cap Mon.	
318+00			5681	18670	P.K. + T. in pvt.	

Cont'd

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.		
		24351 ✓			Brot Fwd, from pg. 16.	
318+15.87			562	1873	P.K. & T. in pvt.	
319+00			529	1906	" " " "	
320+50			471	1964	" " " "	
T.P.	5611	25384	4578	19773 ✓		
322+00			512	2026	" " " "	
323+00			473	2065	" " " "	
323+26.83 S-22	5373	26089	4668	20716 ✓	On wooden plug over Mon.	
B.M.	6172	26459	5802	20287 ✓	On brass cap. Geod. Cont. Sta. "TORRANCE F-9A"	Sta. 323+96 ±
324+00			549	2097	P.K. & T. in pvt.	
325+50			491	2155	" " " "	
327+00			437	2209	" " " "	
T.P.	4308	26437	4330	22129 ✓		
328+00			489	2155	" " " "	
329+00			539	2105	" " " "	
T.P.	4389	24886	5940	20497 ✓		
330+50			470	2019	" " " "	
332+00			520	1969	" " " "	
333+00			478	2011	" " " "	
333+41.09 S-23	6168	26354	4700	20186 ✓	On brass cap Mon.	
334+00			582	2053	P.K. & T. in pvt.	

Contd on pg. 18.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion & Redondo Area
Notes Chkd. L. K. F. Checked ____ Survey by Klaincek Notes GWK Date 5-8-46
Date 5-21-46 Date ____ Map No. ____ Indexed C. Jeffries Date ____

F.B. 1184 PG. 19

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.

F.B. 1184 G. 18 | Job No. 8412 | Division No. | Notes Red. | Plotted | Profile
Survey of Tenth Street | Date | Date | No.
Survey by W. H. Evans & C. Johnson | Notes Chkd. L. K. F. | Checked | X-Sec.
Indexed C. Johnson Date | Date 5-21-46 | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		26354			Set Ford Trans pg. 17.	
335+00			5.02	2133	Pt. of T. in curb	
337+00			4.37	2198	" " " "	
337+12.81	5.88	29.64	4.12	23.52	On Mon. Cap Mon.	
338+00			5.19	2243	Pt. of T. in curb	
339+00			5.69	2223	" " " "	
340+50			7.25	2037	" " " "	
T.P.	6.40	26.304	4.00	21.904		
342+00			7.30	1422	1x1 St.	
343+00			9.49	1703		
E.M.	1.43	Tot. Sta.			C.S. Mon. (flush) = 12.M. (to north) for "S. 25" See F.B. 589-38. + F.B. 930-21	
S.M.	4.00	20.081	1.90	18.181	C.S. Mon. (dr 2") = 2.M. (to South) for "S. 25" See F.B. 589-38. + F.B. 930-21	
348+00			5.64	1444	1x1 St.	
T.B.M.	1.890	20.966	1.205	19.076	Set Chis. Spk in 4"x4" Tel. P. 14' to N+W of Sta. 349+00	
T.B.M.	2.495	21.556	1.905	19.061	On top of N.W. by end of short 3" conc. wall near bot. + on W. side of a flight of conc. stairs leading from bench to street. about Sta. 351+75	
353+00			7.29	1427	1x1 St.	
T.P.	3.155	21.283	3.428	18.128		
358+00			7.01	1427	1x1 St.	
TP	4.072	21.523	3.932	17.451		

Contd on pg. 19

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 Notes Red. Plotted Job No. 2412 Division No.
No. Date Date Survey of Beach Erosion - Control Proj.
X-Sec. Notes Chkd. Checked Survey by L.E. Brock Notes Ink Date 1-9-46
No. Date Date Map No. Inked Date Date

F.B. 1184 PG.

STATION	B. S.	H. I.	F. S.	ELEV.	
		21503			Brot. forw'd. from pg. 19
T.P.	3877	21 251	2144	17	
3+18+00			0.1	1465	1x1 Stk.
B.M.	1075	22926	6.850	14	(C.S.M.D. dn 18") = R.M. No 2 for "5-26" See F.B. 930-21
365+00			7.50	15	1x1 Stk.
T.P.	4.92	23007	4.136	18	1½ I.P. 14" 00 = 0.46
373+00			12.25	1075	1x2 Stk.
T.P.	2.52	21600	5.931	1407	
376+00			11.80	980	2x4 Stk. Chiseled □ on S'ly wall of flight of old conc. stairs at bottom step.
T.B.M.	1.09	21 22.1	1.32	20.202	
383+00			10.86		1x2 Stk.
T.P.	2.47	20220	2.429	17795	
391+00			5.77		1x1 Stk.
B.M.	3.55	20 481	2.55	17 646	(C.S. Mon. dn 18" = R.P. #1 (to North) for Control Stn. "5-27". ~~Elev. 19.116 as per L.B. 589-63~~ (old pt #19) N.G.-C.M.S. Reset in 1942 - F.B. 930-22
B.M.	1107	21813	3.23	17106	C.S. Mon. dn 18" R.P. #2 (To South) for control Line Stn. 5-27", ~~Elev. 19.116 as per L.B. 589-63~~ N.G.-C.M.S. Reset in 1942 - F.B. 930-22
T.P.	9630	35 995	1833	26365	
T.P.	7012	41 977	1030	34965	
T.P.	9220	50748	0449	41528	
B.M. (Fd.)			5081	45667	K.T. in S'ly curb of 3rd lane Street opposite center of main entrance to Riviera Beach Club Bldg., (N. Malaga Cove Area) as per L.B. 589-63. Elev. 45.653

Notes cont'd on pg. 20

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. 1184 Pg. 20 | Job No. 8412 Division No. | Notes Red. | Plotted | Profile
Survey of Beach Erosion - Redondo Area | Date | Date | No.
Survey by E. Klemm Jr. Notes (FWT - 5-20-68) | Notes Chkd. | Checked | X-Sec.
Indexed A. C. Johnson Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	
T.P.	4919	22025		17105	(3.5' to dn. 18" = R.P. #2 (to Sta.) for control line Sta. "5-27" - See Pg. 19.
Establ. B.M.	1963	21894	2094	19931	(L.T. (Ed.) = R.P. to "5-27" in top of circular conc. pillar at lower end of N.W'ly boundary of right of way conc. stairway leading up from beach to Riviera Country Club Bldg.
393+19			861	13264	2 x 4 Stk. + N.
T.P.	0585	18946	5772	13161	
398+19			860	13265	" " " .
T.P.	3225	19510	3264	16246	
403+19			702	18808	
B.M.	2619	19101	3028	16473	(Ed. L.T. in "S" shaped cor. of conc. box 4'x12'x4" high and boring end of storm drain culvert 40'± to 16 ft of line at 5+04 ± (F.B. 589-68 Elev. = 16.428)
408+19			906	18206	2 x 4 Stk. + N.
T.P.	3670	16541	6230	13911	
T.P.	2248	13847	4962	11599	
413+19			422	9961	" " " .
T.P.	3185	12139	4623	9004	
T.P.	1913	12981	1171	11068	
418+19			378	9001	
B.M.	2405	13925	1461	11520	2½" C.S. br. cap set in conc. = B.M. #2 for Cont. Line Sta. "5-28" (F.B. 589-68 Elev. = 11.340)
B.M.	0496	13405	1016	12909	2½" C.S. br. cap set in conc = B.M. #1 for Sta. "5-28" (F.B. 589-68 (Elev. 12.776)
423+19			334	10026	2 x 4 Stk. + N.

Notes Cont'd on Pg. 21

FORM 307 2M 8-45

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STATION	B. S.	H. I.	F. S.	ELEV.		
		13405			Brot Ford from pg. 20.	
T.P.	3585	12037	4953	8452		
T.P.	5922	14059	3900	8137		
428+19			491	915	Block of wood (section of small tree) + N	
430+19			226	1125	[illegible]	
T.P.	10[illegible]	22432	1661	12398		
Establ'd B.M.			1[illegible]2	21300	2×4 set in ground 15" up for marker for Cont. Line Sta "S-29". Elev. on P.K. spk	
		* *	*	*		
B.M.	[illegible]	21 833		21300	2×4 = "S-29" above (6-[illegible])	
T.P.	45[illegible]	14848	11569	10264		
T.P.	23[illegible]	10967	6240	8608		
T.P.	9742	16607	4102	6865		
T.P.	[illegible]	18767	3955	12652		
B.M.	5803	20[illegible]	3852	14885	Fd. L+T in center of bottom stone step at foot of storm drain. Elev. 14.762 F.B. 589-70 + 76.	
Set B.M.			1751	[illegible]	Made chisled □ at lower end and on top of stone wall on N'ly side of storm Drain above. – 100' ± E'ly from old Pt. E	

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

F.B. 1184 PG. 21

F.B. 1184 PG. 22 | Job No. 8412 | Division No. | Notes Red. | Plotted | Profile

Survey of Beach Erosion – Redondo Area | Date | Date | No.

Survey by G. Kleinecke | Notes GWK | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

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

FORM 307 2M 8-45

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Job No. _____ Division No. _____

No. _____ Date _____ Date _____ Survey of _____

X Sec. _____ Notes Chkd. L. K. F. Checked _____ Survey by _____ Notes _____ Date _____

No. _____ Date 5-21-40 Date _____ Map No. _____ Notes C. Talmage Date 5-20-40

Range Line X-Sections - Shore End.

Sta. 254+65 S. to 288+65 S. incl.

Pages 25 to 35 incl.

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

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

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700 HALL OF RECORDS

FORM 307 2M 8-45

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STATION	B. S.	H. I.	F. S.	ELEV.		
254+65					Range Line ∡ 90° R. F.S. on "S-13"	
	1.07	18.32		17.25	See pg. 14	
			17	166	25' Right	Beach Sand.
			52	1[illegible]1	85' "	
			76	1[illegible]7	138' "	
			89	94	189' "	
			90	93	232' "	
T.P.	4.50	14.55	8.27	10.05		
			52	93	325' "	
			54	91	441' "	
			45	100	571' "	
			45	100	600' "	
			55	90	657' "	
T.P.	3.28	8.98	8.85	5.70		
			59	31	727' "	Ed. water
			87	03	767' "	Water.
			96	-06	780' "	
			93	-03	801 "	
			103	-13	820' "	
			110	-20	853' "	
			115	-25	891' "	

254+65 Beach Profile

F.B. 118 Pg. 24 Job No. 8419 Division No. Notes Red. Plotted H. U. N. M. Profile
Survey of Beach Erosion - Redondo Area Date 5/23/46 No. X-Sec.
Survey by G. Kleineck Notes G.W.K. 5-13-46 Notes Chkd. L. K. F. Checked
Indexed A. O. Johnson Date Date Date No.

FORM 307 2M 8-45

PLEASE RETURN TO
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STATION	B. S.	H. I.	F. S.	ELEV.		
256+65	103	1808		1705	See pg. 14. Range Line ∡ = 90° to Right F.S. = "5-13"	
			14	167	36' R. Beach Sand	
			33	148	76' R	
			69	112	124' R.	
			85	96	162' R	
			86	95	206' R.	
			76	105	271' R	
			77	104	340' R.	
			73	108	415' R	
			64	117	487' R.	
			66	115	514' R.	
T.P.	081	1235	654	1154 ✓		
			31	93	558' R.	
			90	34	622' R. Ed. Water	
T.P.	404	832	807	428 ✓		
			800	03	673' R. Water	
			89	-06	682' R.	
			110	-27	700' R.	
			115	-32	712' R.	
			118	-35	721' R.	— All

Profile No. ____ Date ____ Notes Chkd. L. K. F. Checked ____ Date 5-21-46 Date ____ Plotted H. Lane Job No. 8412 Division No. ____ Survey of Beach Erosion - Redondo Area Survey by Clement Notes G.W.K. Date 5-13-46 Map No. ____ Date ____ Date ____ X-Sec. No. ____ F.B. 1184

256+65 S. Beach Profile

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.		
258+65	121	1814		1[illegible]3	See pg. 14. Range Line 90° to Right. F.S. = 5-13'	
			13	1[illegible]8	24' R. Beach Sand	
			48	133	71' R	
			56	125	119' R.	
			71	110	174' R	
			67	114	212' R	
			60	121	270' R.	
			53	128	301' R.	
			48	133	342' R.	
			47	134	381' R.	
			81	100	432' R.	
T.P.	225	858	1181	6[illegible]3		
			56	30	500' R. Ed. water	
			83	03	540' R. Water	
			87	-01	551' R.	
			110	-24	570 R.	
			119	-33	583' R.	— All

258+65 Beach Profile

F.B. 118 Pg. 26
Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Area Date 5/22/46 No.
Survey by G. Kleineck Notes G.W.K. 5-13-46 Checked X-Sec.
Indexed C. Johnson Date Notes Chkd. L. K. F. Date 5-21-46 No.

FORM 307 2M 8-45

PLEASE RETURN TO
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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
260+65	177	1851		1674	✓ See pg. 14 Range Line 90° to Right. F.S. = "5-13"	
			18	167	9' R. Beach Sand	
			13	172	34' R.	
			31	154	57' R.	
			51	134	95' R.	
			55	130	142' R.	
			47	138	196' R.	
			40	145	243' R.	
			43	142	285' R.	
T.P.	195	884	1162	689	✓	
			59	29	385' R. Ed. Water.	
			93	-05	443' R. Water	
			119	-31	458' R.	
			127	-39	475' R.	— All.
			*	* *	* *	
262+65	180	1843		1663	✓ Range Line 90° to Right. F.S. = "5-13"	
			15	169	12' R. Beach Sand	
			10	174	30' R.	
			23	161	60' R.	
			23	161	95' R.	

260+65 S Beach Profile
262+65 S " "

Profile No. ____ Notes Red. ____ Plotted U.M.H. Job No. 8412 Division No. ____ F.B. 1184 Pg. 3
X:Sec. No. ____ Date ____ Date 5/28/46 Survey of Beach Erosion - Redondo Area
Notes Chkd. L. K. F. Checked ____ Survey by Kleinack Notes GWK Date 5-13-46
Date 5-21-46 Date ____ Map No. ____ Alex G. Johnson Date ____

FORM 307 2M 8-45

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	
262+65		1843			Brot Ford.
			21	163	144' R. Beach Sand.
			39	1[illegible]5	170' R.
			64	120	182' R.
			97	87	213' R.
T.P.	204	945	1102	741	
			54	40	258' R. Ed. Water.
			84	10	303' R. Water.
			104	-10	337' R.
			130	-[illegible]	353' R. — All.
		* *	*	*	*
264+65	115	1770		1655	Range Line ∡ 90° to Right. F.S. = "S-13"
			05	172	25' R. Beach
			16	161	63' R.
			47	13[illegible]	84' R.
			46	131	100' R.
			79	98	111' R.
			125	52	149' R. Ed. Water.
T.P.	472	1142	1100	670	
			109	05	215' Water

262+65 S Beach Profile
264+65 S Beach Profile

F.B. 1184 Pg. 28 Job No. 8412 Division No. Notes Red. Plotted H.L.M.K. Profile
Survey of Beach Erosion - Redondo Bred Date Date No.
Survey by G. Kleiner Notes G.W.K. 5-13-46 Notes Chkd. L. K. E. Checked X-Sec.
Indexed A. O. Johnson Date Date 5-21-46 Date No.

FORM 307 2M 8-45

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LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.		
264+65		11.42			Brot. Ford.	
			120	-06	237' R - water	
			138	-24	253' R - " - All	
		*	*	*	* *	
266+65	2.12	18.83		16.71	see pg. 14. Range Line ∡ 95°06' to Right. F.S. on "S-14"	
			47	141	24' R. Beach.	
			33	155	41' R. "	
T.P.	3.54	10.97	11.40	7.43		
			54	56	89' R - Ed. Water	
			93	17	139' R. Water.	
			140	-30	185' R. " - All	
		*	*	*	* *	
268+65	5.14	22.09		16.95	S-14-'46 see pg. 14. Range Line ∡ 95°06' to Right. F.S. on "S-14"	
			58	163	17' R - Brk. top rock riprap.	
T.P.	0.33	11.67	10.75	11.34		
			00	117	21' R - Bot. riprap	
			65	52	63' R Beach	
			89	28	96' Ed Water	
			136	-19	149' R Water	

264+65 S Beach F.
266+65 S "
268+65 S "

Profile No. ____ Notes Red. ____ Plotted H.U.M.M. Job No. 8412 Division No. ____ F.B. 1184 Pg. 27
Date ____ Date 5/23/46 Survey of Beach Erosion - Redondo Area
X-Sec. No. ____ Notes Chkd. L.K.F. Checked ____ Survey by Heineck Notes G.W.K. Date 5-13-'46
Date 5-21-46 Date ____ Map No. ____ Chk. C. Johnson Date ____

FORM 307 2M 8-45

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STATION	B. S.	H. I.	F. S.	ELEV.		
268+65		1167			Brot. Ford	
			151	-34	157' R.	— All
		*	*	*	*	
270+65	231	1935		1704	See pg. 14. Range Line ∡ 95°06' to Right. - F.S. = "S-14"	
			29	165	18' R. Brk. Top rock riprap	
			93	101	28' R. Toe " "	
T.P.	347	1103	1179	756	45' R. - Beach.	
			71	39	84' R - Ed. water	
			119	-09	144' R.	
			150	-40	150' R.	— All.
		*	*	*	*	
272+65	116	1809		1693	See pg. 14. Range Line ∡ 95°06' to right. F.S. = "S-14"	
			24	157	16' R. - Brk. Top rock riprip	
			64	117	26' R - Toe " "	
			101	80	50' R. - Beach	
T.P.	433	1103	1139	670		
			76	34	85' R. - Ed. water	
			113	-03	129 R.	
			143	-33	140' R.	— All.

268+65 S Beach Profile
270+65 S "
272+65 S "

Job No. 8412 Division No. Notes Red. Plotted H.M.K. Profile
Survey of Beach Erosion - Redondo Area Date 5/23/46 No.
Survey by G. Meineck Notes GWK - 5-14-46 Notes Chkd. L.K.R. Checked X-Sec.
Indexed A. C. Johnson Date 5-21-46 Date No.

FORM 307 2M 8-45

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STATION	B. S.	H. I.	F. S.	ELEV.		
					See pg. 14.	
274+65	0.43	1787		1744	Range Line ∡ 95°06' to R. - F.S. = "S-14"	
			1.2	167	20' R. - Brk. Top rock riprap	
			75	104	25' R - Brk. - Toe " "	
			12.1	58	64' R - Beach	
T.P.	464	1122	11.29	658	✓	
			8.8	24	100' R - Ed water	
			13.4	-22	145' R	
			15.0	-38	154' R.	- All.
		*	*	*	* *	
					See pg. 14.	
276+65	0.73	1795		1722	Range Line ∡ 95°06' to R. - F.S. = "S-14"	
			3.0	150	23' Brk - Top rock riprip	
			8.8	92	28' " - Toe " " "	
			11.2	68	50' - Beach	
T.P.	294	9~~74~~ 8	11.05	6~~80~~ 90		
			7.6	2~~7~~ 3	93' R. - Ed. water	
			13.0	-3~~3~~ 2	140' R	
			14.2	-4~~5~~ 4	150' R.	- All.
		*	*	*	* *	

274+65 S Beach Profile
276+65 S Beach Profile

No. ____ Date ____ Jab No. 8 Division No. ____
X-Sec. Notes Chkd. L. K. B. Checked ____ Date 5-23-46 Survey of Beach Erosion - Redondo Brch.
No. ____ Date 5-21-46 Date ____ Survey by Kleinert Notes G.W.K. Date 5-14-46
Map No. ____ Indexed Johnson Date ____

FORM 307 2M 8-45

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STATION	B. S.	H. I.	F. S.	ELEV.	
					See pg. 14.
278+65	7.09	19.18		12.09	Range Line ∡ 95°06' to Right - F.S. = "5-14"
			6.3	12.9	35' Left Washed out Area } Note: to left
			4.3	14.9	54' " " " "
			0.5	18.7	74' " Orig. Surface
			8.2	11.0	13' Right - Brk. Beach.
			10.7	8.5	20' " - " "
T.P.	4.11	11.53	11.76	7.42	
			4.7	6.8	39' R - Beach
			8.3	3.2	69' R - Ed. water
			11.2	0.3	105' R - water.
			15.0	-3.5	125' R - " - All.
		*	*	*	*
					See pg. 15
280+65	8.91	19.95		11.04	Range Line ∡ 95°06' to right. F.S. = "5-14"
			7.5	12.5	21' Left - Washed out area.
			7.3	12.7	42 " - " " "
			0.7	19.3	59 " - " " "
			10.3	9.7	12' Right - Beach
T.P.	2.49	10.53	11.91	8.4	
			3.9	6.6	25' R - "
			8.8	1.7	77' R - "

278+65 S Beach Profile
280+65 S Beach Pro

F.B. 1148 Pg. 32 Job No. 8417 Division No. Notes Red. Plotted No. Profile
Survey of Beach Erosion - Redondo Area Date Date No. X-Sec.
Survey by G. Kleineck Notes GWK - 5.14.46 Notes Chkd. L. K. F. Checked
Indexed C. Johnson Date Date 5-21-46 Date No.

FORM 307 2M 8-45

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STATION	B. S.	H. I.	F. S.	ELEV.		
280+65		10 53			Brat Ford	
			140	-35	117' R	
			145	-40	132' R	-All
		*	*	*	* *	
					See pg. 15	
282+65	8 65	19 97		11 32	Range Line ∡ 86° to right. - F.S. = "5 15"	
(on 50' Offset to Right of Line - See pg. 6.			105	95	16' Left. Washed out area.	
			100	100	37' " " " "	
All dists. read			73	127	58' " " " "	
from true line.			00	200	76' " " " "	
T.P.	255	10 62	11 90	807		
			50	56	20' R. - Beach.	
			105	01	81' R. - water.	
			140	-34	109' R " "	
			145	-39	120' R " "	-All 5-14-'46
		*	*	*	See pg. 15 *	5-16-'46
284+65	2 85	12 83		9 98	Range Line ∡ 86° right. F.S. = "5-15"	
On 50' offset			67	61	5' Left. - washed out area.	
See note			46	82	35' " -	
above.			23	105	63' " +	- Toe bank
			+60	188	76' " +	- Top "

284+65 Beach Profile

South

280+65 Beach Profile

282+65

Profile No. ____ Notes Rad. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1184 Pg. ____
Date ____ Date ____ Survey of Beach Erosion - Redondo Area
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Kleineck Notes G.W.K. Date 5-14-'46
Date ____ Date ____ Map No. ____ 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.		
284+65		12 83			Brot Ford from pg.	
T.P.	2.94	9.67	6.10	6.73	Nail in Piling	
			8.3	14.	38' Right	
			11.2	-15.	57' "	
			12.4	-27.	68' "	
			12.7	-30.	78' "	
" "		*		*	*	
286+65	5.24	14.61		9.37	From pg. 15	
On 50' Offset Line - See note at Sta. 282+65			8.8	5.8	15' Left - Washed out area.	
			5.8	8.8	45' " - " " "	
			1.8	12.8	77' " - " " " - Edge theater bldg	
T.P.	2.44	8.92	8.13	6.48	Nail in piling	
			6.2	2.7	15' R.	
			10.3	-14.	60' R.	
			11.8	-29.	74' R.	
			12.0	-31.	85' R.	
		*	*	*	*	
288+65	1.12	19.35		18.23	From pg. 15	
On 50' Offset Line - See note above			9.2	10.2	0.0 (℄) On rock fill	
			4.7	14.7	15' Left " " "	

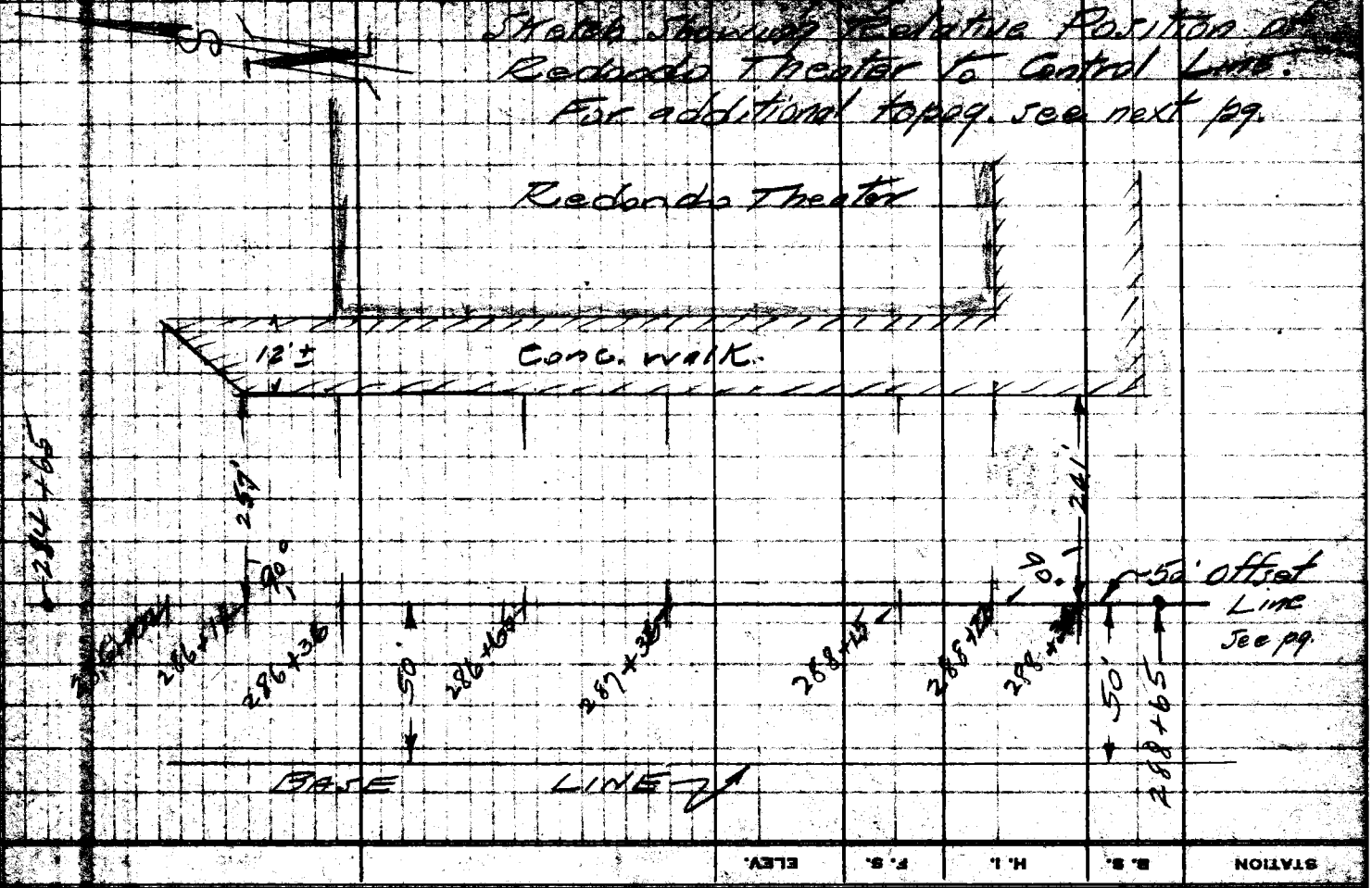
(Contd bot [illegible])

Profile
Notes Red. Date Plotted Date No. X-Sec.
Notes Chkd. L. K. E. Date 5-21-46 Checked Date No.
Job No. 8412 Division No. Beach Erosion - Redondo Area
Survey by G. Kleineck Notes Gulk
Job No. A. O. Johnson Date
284+65 Beach
286+65 "
288+65 South

Additional Topog.

Sketch Showing Relative Position of Redondo Theater to Control Line.

For additional topog. see next pg.



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FORM 907 2M 8-45

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
288+65	1.90	20.13		18.23	From pg. 15 2x2 hub
286+11			10.7	9.4	50' Offset
			7.9	12.2	25.7' L. - Base wall
			1.30	18.83	" " - On walk, top wall
286+65			10.4	9.7	On 50' Offset
			7.2	12.9	25.4' L. - Base wall
			1.50	18.63	" - On walk top wall
287+36			10.1	10.0	On 50' Offset
			8.2	11.9	25' L. - Base wall
			1.76	18.37	" - On walk, top wall
288+15			10.2	9.9	On 50' Offset
			8.5	11.6	24.6' L. - Base wall
			1.80	18.33	" - On walk top wall
288+36			5.0	15.1	On 50' Offset
			2.9	17.2	24.1' L. - Base wall
			1.96	18.17	" L. - On walk top wall
288+65		19.35	1.90	18.23	Check in on 2x2 hub
			8.3	11.1	27' Left - Washed out area
			1.9	17.5	41' " - " "
			0.4	19.0	72' " - Walk - Orig. Surface
IP	1.43	9.09	11.69	7.66	Pt on Rock
			7.2	1.9	25' R - Toe rock rip rap
			8.6	-0.5	51' R - Beach
			9.5	-0.4	67' R - Water
			11.5	-2.4	[illegible]
			13.[illegible]	-4.2	[illegible] Water

see pg. 34

Inshore notes Contd. pg 111

Survey at Beach Erosion - Redondo
Survey by [illegible] Notes [illegible] 6-3-46
Indexed A. C. Johnson Date
Job No. 8412 Contract No.
Notes Chkd. Date
Checked Date

Form 307 5M 5-39

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
254+65	258+65	1	R	715	90 25	Going out
		2	Y		90 25	
		3	W		90 20	
		~~4~~	~~W~~		~~90 25~~	out
		4 ~~5~~	R	720	90 20	
		5 ~~6~~	Y		89 55	
		6 ~~7~~	W		90 00	
		~~8~~	~~W~~		~~90 00~~	out
		7 ~~9~~	R	726	89 40	
		8 ~~10~~	Y		89 35	
		9 ~~11~~	W		89 35	
		10 ~~12~~	R	730	89 45	
		~~13~~	~~Y~~		~~89 55~~	out
		11 ~~14~~	R	734	89 40	
		12 ~~15~~	Y		89 10	
		13 ~~16~~	W		90 20	
		14 ~~17~~	R	744	90 05	
		15 ~~18~~	Y		90 05	
		16 ~~19~~	W		90 00	
		17 ~~20~~	R	749	90 00	Cont'd on pg. 38

Range Line Transit Angles.
Sta's 254+65 S. to 288+65 S. incl.
Page 37 to 56 incl.
254+65 Range

Date
Date
Survey by
Date
Map No.
Date
Date
Date
Date

Form 307 5M 5-39

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
						Contd from pg 37
254+65	258+65	18 ~~21~~	Y		90 05	Inside toe of Breakwater See pg. ~~29~~ 43 for completion of this line.
256+65	258+65	1	R	8.25	90 05	Inside edge of breakwater coming in.
		2	Y		9[illegible]	
		3	W		9[illegible]	
		4	R	8.27	9[illegible]	
		5	Y		9[illegible]	
		6	W		8[illegible]	
		7	R	8.29	9[illegible]	
		8	Y		9[illegible]	
		9	W		9[illegible]	
		10	R	8.32	9[illegible]	
		11	Y		9[illegible]	
		12	W		9[illegible]	
		13	R	8.35	8[illegible]	
		14	Y		8[illegible]	
		15	W		9[illegible]	
		16	R	8.40	9[illegible]	
		17	Y		89 50	Contd on pg. 39

256 + 65 S Range

Survey of Beach Erosion - Redondo Area
Survey by G. Hlaneck Notes GWK 5-16-46
Indexed C. Johnson Date
Job No. 8812 Division No. Notes Red. Date Plotted Date Profile No. X-Sec. No.
Checked Date Notes Chkd. Date

Form 307 5M 5-39

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STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
256+65	258+45	18	W		90 40	Cont'd from pg. 38
		19	R	842	90 00	
		20	Y		90 00	
		21	W		90 00	
		22	R	844	90 10	
		23	Y		89 55	
		24	W		90 10	
		25	R	848	90 10	End see pg. ~~24~~ 43 for completion of this line.
258+65	264+65	1	R	857	90 20	Going out
		2	Y		90 00	
		3	W		89 15	
		4	R	900	90 00	
		5	Y		90 20	
		6	W		90 50	
		7	R	904	90 10	
		8	Y		90 00	
		9	W		90 20	
		10	R	908	91 15	
		11	Y		89 50	Cont'd on pg. 40

Profile No. ____ Date ____ Notes Chkd. ____ Date ____ Map No. ____ Date ____

Survey of Beach Erosion - Redondo
Survey by [illegible] Notes [illegible] Date 5-16-46
[illegible] Johnson Date ____

256+65 S Range
258+65 S Range

Form 307 5M 5-39

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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
						Contd from pg. 39.
258+65	264+65	12	W		8940	Going out
		13	R	910	8940	
		14	Y		9000	
		15	W		8930	
		16	R	912	8945	
		17	Y		9010	
		18	W		9005	
		19	R	916	9000	
		20	Y		9010	
		21	W		9010	
		22	R	920	9000	
		23	Y		8945	
		24	W		8955	
		25	R	924	8940	
		26	Y		8950	
		27	W		8940	
		28	R	927	8925	inside edge break water. See pg. 43 for completion of this line.
260+65	264+65	1	R	940	8955	Coming in - inside edge break water.
		2	Y		8940	Contd on pg. 41

258+65 Range South

F.B. 1184 Pg. 40 Job No. 8412 Division No. Notes Red. Plotted Profile No.
Survey of Beach Erosion - Redondo Date Date X-Sec. No.
Survey by Heineck Notes GWK 5-16-46 Notes Chkd. Checked
Indexed C. Johnson Date Date

Form 307 5M 5-39

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
						Contd from pg. 40.
260+65	264+65	3	W		8945	Coming in
		4	R	944	8950	
		5	Y		8940	
		6	W		8950	
		7	R	946	8955	
		8	Y		9005	
		9	W		8955	
		10	R	9[illegible]	8940	
		11	Y		8945	
		12	W		9010	
		13	R	953	8955	
		14	Y		9000	
		15	W		9000	
		16	R	955	9000	
		17	Y		8945	
		18	W		9015	
		19	R	1000	9000	
		20	Y		8950	
		21	W		8930	See pg. 44 for completion of this line.
		22	R	1004	8915	End Time out for lunch

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 118 [illegible]
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Pfleineck Notes Gulk Date 5-16-46
Date ____ Date ____ Map No. ____ Index P. Johnson Date ____

260+65 Range South

Form 307 5M 5-39

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STATION Inst. Sight At	On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
262+65	264+65	1	R	1104	8[illegible]55	Going Out
		2	Y		8[illegible]40	
		3	W		90 05	
		4	R	1106	90 30	
		5	Y		9[illegible]20	
		6	W		8[illegible]30	
		7	R	1108	9[illegible]35	
		8	Y		8[illegible]40	
		9	W		8[illegible]30	
		10	R	1112	8[illegible]45	
		11	Y		8[illegible]20	
		12	W		8[illegible]25	
		13	R	1115	8[illegible]45	
		14	Y		9[illegible]05	
		15	W		8[illegible]30	
		16	R	1118	8[illegible]50	
		17	Y		9[illegible]00	
		18	W		8[illegible]55	
		19	R	1121	89 40	
		20	Y		8[illegible]55	Cont'd on pg. 45

F.B. 1184 Pg. 42 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Heineck Notes Gulk - 5-16-46 Notes Chkd. Checked X-Sec.
Indexed A. O. Johnson Date Date No.

262+65 Range South

Form 307 5M 5-39

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
254 +65	264 +65	1	R	640	90.00	Outside toe of breakwater - Going out
		2	R		90.10	For other portion of this line
		3	R		90.15	See pg. 37
		4	R	644	89.55	
		5	R	648	89.45	
256 +65	264 +65	1	R	700	89.35	Coming in.
		2	R		89.35	For other portion of this line
		3	R		90.05	See pg. 38.
		4	R	703	90.10	
		5	R		90.00	
		6	R		90.05	Outside toe of breakwater
258 +65	264 +65	1	R	715	89.50	Outside toe of breakwater - Going out
		2	R	717	90.05	For other portion of this line
		3	R		90.10	See pg. 39
		4	R	719	90.00	
		5	R		90.00	
		6	R		89.55	

Soundings outside of breakwater

254+65 Range
256+65 Range
258+65 Range South

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 842 Division No. ____ F B 1188 Pg. 63
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Kleineck Notes GWK Date 5-17-46
Map No. ____ Date ____ Date ____ Date ____ Date ____

Form 307 5M 5-39

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STATION Inst. At	Sight On	B. S.	H. I.	F. S.	ELEV.	Remarks
		#	Color	Time	Hor. Ang.	
260 +65	264 +65	1	R	731	89 55	Going in.
		2	R		89 45	For other portion of this line
		3	R		90 10	see pg. 40
		4	R	734	89 55	
		5	R	735	89 50	Outside toe breakwater.
262 +65	5-13	1	R	748	89 50	Outside toe of breakwater
		2	R		90 00	Going out.
		3	R		89 35	For other portion of this
		4	R	752	89 40	line see pg. 42
		5	R		89 30	
		6	R		90 00	
		7	R	755	89 30	
		8	R		89 15	

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Job No. 8412 Division No. Beach Erosion - Redondo
Survey of Beach Erosion - Redondo
Survey by Wlemeck Notes Gulk 3-17-46
Indexed C. Johnson Date
260+65 Range
262+65 Range
South

F.B. 1184 PG. 44

Form 507 5M 5-39

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
262+65	264+65	21	W		89 40	Going Out. Cont'd from pg. 42
		22	R	11 24	89 55	
		23	Y		89 35	
		24	W		89 45	
		25	R	11 27	89 50	
		26	Y		89 50	
		27	W		89 55	End Inside toe breakwater. See pg ~~[illegible]~~ 44 for completion of this line.
264+65	5-13	1	R	11 40	89 40	Coming In.
		2	Y		89 40	
		3	W		89 40	
		4	R	11 43	90 10	
		5	Y		89 30	
		6	W		87 50	
		7	R	11 48	92 15	
		8	Y		91 50	
		9	W		90 40	
		10	R	11 51	90 10	
		11	Y		89 10	
		12	W		89 10	End.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 841-2 Division No. ____ F.B. 1184 Pg. 45
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Fleineck Notes GWK Date 5-16-46
Date ____ Date ____ Map No. ____ Index C. Johnson Date ____

262+65 Range
264+65 Range
South

Form 307 5M 5-39

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
266+65	280+65	1	R	1201	[illegible]20	
		2	Y		95 50	
		3	W		9[illegible] 05	
		4	R	1203	97 00	
		5	Y		96 40	
		6	W		94 50	
		7	R	1205	95 10	
		8	Y		9[illegible] 30	
		9	W		94 50	
		10	R	1208	95 20	
		11	Y		94 50	
		12	W		94 00	
		13	R	1210	9[illegible] 30	
		14	Y		96 10	
		15	W		94 00	
		16	R	1213	94 40	
		17	Y		96 30	
		18	W		9[illegible] 20	
		19	R	1216	94 30	
		20	Y		93 30	Cont'd on pg. 47

F. B. 1184 Pg. 46 Job No. 842 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Kleyneck Notes GWK 5-16-46 Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.
266+65 Range South

Form 307 5M 5-39

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Do not extend notes this side of this line

Contd from pg. 46

STATION Inst At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
266+65	280+65	21	W		94 45	Going out
		22	R	12 19	93 45	
		23	Y		95 25	
		24	W		95 40	
		25	R	12 22	95 35	
		26	Y		95 25	
		27	W		94 50	End.
268+65	280+65	1	R	12 34	94 45	Coming in
		2	Y		95 00	
		3	Y		94 30	
		4	R	12 37	94 00	
		5	Y		95 20	
		6	W		96 00	
		7	R	12 40	94 15	
		8	Y		92 15	
		9	W		91 40	
		10	R	12 43	94 50	
		11	Y		95 25	
		12	Y		94 20	End.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 5412 Division No. ____ F. B. 1184 Pg. 45
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes Gulk Date 5-16-46
Date ____ Date ____ Map No. ____ Max. R. Johnson Date ____

266+65 Range
268+65 Range
South

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION Inst. Sight At	STATION Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
270+65	280+65	1	R	8 09	95 00	Going Out
		2	Y		94 40	
		3	W		95 05	
		4	R	8 13	94 45	
		5	Y		94 20	
		6	W		94 35	
		7	R	8 15	94 40	
		8	Y		94 40	
		9	W		95 25	
		10	R	8 18	95 15	
		11	Y		95 25	
		12	W		95 45	
		13	R	8 20	95 25	
		14	Y		95 00	
		15	W		95 20	
		16	R	8 23	94 50	
		17	Y		94 50	
		18	W		94 50	
		19	R	8 25	95 50	
		20	Y		97 10	Contd on pg. 49

F.B. 1184 Pg. 48 Job No. 8417 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Heinrick Notes Bwk. 5-17-46 Notes Chkd. Checked X-Sec.
Indexed A. O. Johnson Date Date No.
270+65 S Range

Form 307 5M 5-59

PLEASE RETURN TO
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700 HALL OF RECORDS

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STATION Inst. Sight At	On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
270 +65	280 +65	21	W		96 00	Going Out - Cont'd from pg. 48
		22	R.	829	95 50	
		23	Y		95 25	
		~~24~~				
272+65	280 +65	1	R	841	95 30	Coming in
		2	Y		93 50	
		3	W		94 40	
		4	R	845	95 10	
		5	Y		95 00	
		6	W		93 55	
		7	R	848	95 20	
		8	Y		95 35	
		9	W		95 10	
		10	R	850	95 45	
		11	Y		95 30	
		12	W		95 40	
		13	R	853	95 45	
		14	Y		92 25	End

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 847 Division No. ____ F. B. 1184 Page 24
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes GWK Date 5-17-46
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

270+65 S. Range

Form 307 5M 5-39

PLEASE RETURN TO
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700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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	
274 +65	280+65	1	R	8.59	9[illegible]40	Going Out	
		2	Y		9[illegible]10		
		3	W		9[illegible]40		
		4	R	9.00	9[illegible]50		
		5	Y		9[illegible]55		
		6	W		9[illegible]10		
		7	R	9.03	9[illegible]35		
		8	Y		9[illegible]00		
		9	W		9[illegible]55		
		10	R	9.06	9[illegible]10		
		11	Y		9[illegible]20		
		12	W		9[illegible]30		
		13	R	9.08	9[illegible]00		
		14	Y		9[illegible]30		
		15	W		9[illegible]5		
		16	R	9.12	9[illegible]25		
		17	Y		9[illegible]00		
		18	W		9[illegible]35		
		19	R	9.15	9[illegible]35	End.	

274+65 Range

Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date No.
Survey by Blaineck Notes Gwk 5-12-46 Checked X-Sec.
Indexed C. Johnson Date Date No.

Form 307 5M 5-39

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
276 +65	280 +65	1	R	9.25	95.10	Coming in
		2	Y		95.20	
		3	W		95.10	
		4	R	9.30	94.35	
		5	Y		95.40	
		6	W		93.25	
		7	R	9.34	96.00	
		8	Y		95.50	
		9	W		96.20	
		10	R	9.37	95.35	
		11	Y		96.00	
		12	W		95.10	
		13	R	9.39	96.00	
		14	Y		94.30	End
278 +65	280 +65	1	R	9.48	94.00	Going out
		2	Y		94.40	
		3	W		98.25	
		4	R	9.50	96.15	
		5	Y		96.05	Cont'd on pg. 52

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ PB 11184 Pg. 51
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Meineck Notes GWK Date 5-17-46
No. ____ Date ____ Date ____ Map No. ____ Mgr. D. Johnson Date ____

276 to 65 Range
278 + 65 Range
South

Form 307 5M 5-39

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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
278 +65	280 +65	6	W		9530	Going out. Cont'd from pg. 51
		7	R	9.52	9700	
		8	Y		9700	
		9	W		9530	
		10	R	9.54	9450	
		11	Y		9530	
		12	W		9520	
		13	R	9.57	9510	
		14	Y		9530	
		15	W		9525	
		16	R	10.00	9505	
		17	Y		9555	
		18	W		9550	
		19	R	10.04	9530	End.
280 +65	S-14	1	R	10.15	9520	Coming In.
		2	Y		9540	
		3	W		9000	
		4	R	10.19	9555	
		5	W		9530	Cont'd on pg. 53

278+65 Range
280+65 Range
South

F.B. 1184 Pg. 52 Job No. 842 Division No. Notes Red. Date Plotted Date Profile No.
Survey of Beach Erosion - Redondo Date Checked Date X-Sec. No.
Survey by Hawick Notes GWK 5-17-46 Notes Chkd. Date
Indexed by C. Johnson Date

Form 307 5M 5-39

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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
280+65	S-14	6	R	10 22	95 05	Coming In. Cont'd from pg. 52
		7	Y		95 10	
		8	W		95 50	
		9	R	10 25	95 10	
		10	Y		96 15	
		11	W		96 30	
		12	R	10 27	96 10	
		13	Y		96 10	
		14	W		95 30	End
282+65	S-15	1	R	11 27	86 55	This sta on 50' Offset Line. See
		2	Y		83 20	Boat going out.
		3	W		85 25	Note: sta's 282+65 to
		4	R	11 29	85 00	288+65 incl. are on a
		5	Y		87 05	50' Offset line to left
		6	W		86 50	see pg. 6 - this book
		7	R	11 32	86 15	
		8	Y		87 10	
		9	W		87 00	
		10	R	11 35	86 25	Cont'd on pg. 54

Profile No. ____ Notes Red. ____ Plotted ____ Job No. [illegible] Division No. ____ F.B. [illegible]
No. ____ Date ____ Date ____ Survey at Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Meweek Notes GWK Date 5-17-46
No. ____ Date ____ Date ____ Map No. ____ Date ____ Tabs C. Johnson

280+65 Range
282+65 Range South

Form 307 5M 5-39

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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
282 +65	5-15	11	Y		85 50	Going Out. Cont'd from pg. 53.
		12	W		86 55	
		13	R	1138	86 30	
		14	Y		85 40	
		15	W		85 50	
		16	R	1142	86 40	
		17	Y		85 20	
		18	W		85 30	
		19	R	1146	85 30	
		20	Y		86 30	
		21	W		85 20	
		22	R	1154	86 50	
		23	Y		85 15	End
284 +65 (On 50' Offset line)	5-15	1	R	1206	86 20	Coming In
		2	Y		86 10	
		3	W		85 30	
		4	R	1213	86 00	
		5	Y		87 35	
		6	W		86 55	Cont'd on pg. 55

282+65 Range
284+65 Range
So.

F.B. 118 Page 54
Job No. 8412 Division No.
Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date No.
Survey by A. Jenkins Notes GWK 5-17-46 Checked X-Sec.
Indexed C. Johnson Date Date No.

Form 307 5M 5-39

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700 HALL OF RECORDS

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STATION Inst. Sight At	On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
284 +65	5-15	7	R	1216	8730	Cont'd from pg. 54
		8	Y		8715	
		9	W		8400	
		10	R	1219	8425	
		11	Y		8625	
		12	W		8405	
		13	R	1220	8450	End
286 +65	5-15	1	R	1228	8510	Going out
(On 50'		2	Y		8350	
Offset line)		3	W		8600	
		4	R	1230	8340	
		5	Y		8440	
		6	W		8340	
		7	R	1231	8410	
		8	Y		8430	
		9	W		8600	
		10	R	1234	8620	
		11	Y		8440	
		12	W		8630	Cont'd on pg. 56.

Profile Notes Red. Rotted Job No. 8412 Division No. F.B. [illegible]
No. Date Date Survey of Beach Erosion - Redondo
X-Sec. Notes Chkd. Checked Survey by Fleinert Notes Quik Date 5-17-46
No. Date Date Map No. Index C. Johnson Date

284+65 Range
286+65 Range

Form 307 5M 5-39

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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
286 +65	S-15	13	R	12.38	85 40	Going out. Cont'd from pg. 55
		14	Y		85 20	
		15	W		85 50	
		16	R	12.45	85 25	
		17	Y		85 15	
		18	W		85 40	
		19	R	12.52	85 10	End.
288+65	S-15	1	R	1.02	85 00	Coming in
(On 50'		2	Y		85 50	
Offset line)		3	W		85 20	
		4	R	1.05	85 05	
		5	Y		85 40	
		6	W		85 40	
		7	R	1.07	86 15	
		8	Y		85 20	
		9	W		85 55	
		10	R	1.09	87 00	
		11	Y		85 10	
		12	W		85 40	
		13	R	1.11	86 00	End.

286+65 Range
288+65 Range
So.

F.B. 1184 pg. 56 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by A. C. Johnson Notes - BWK - 5-17-46 Notes Chkd. Checked X-Sec.
Indexed Date Date No.

Form 307 5M 5-39

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700 HALL OF RECORDS

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STATION		B. S.	H. I.	F. S.	ELEV.	
Inst At	Sight On	#	Color	Time	Hor. Ang.	Remarks
5-13 264+95.29	5-14	1	R	7:15A	146.30	Going out from Sta 254+65
		2	Y		145.25	
		3	W		143.50	(Notes to pg. 61 copied
		4	R	7:21	142.40	by GWK)
		5	Y		140.30	
		6	W		138.00	
		7	R	7:27	138.05	
		8	Y		137.10	
		9	W		136.40	
		10	R	7:30	135.50	
		11	R	7:34	135.40	
		12	Y		136.25	
		13	W		135.15	
		14	R	7:44	134.05	
		15	Y		132.20	
		16	W		131.50	
		17	R	7:50	131.40	
		18	Y		131.35	Inside Toe of breakwater
						See pg. 63 for completion of this line.

Transit Cut in Angles
Sta 254+65 to 288+65 incl.
Page 57 to 58 incl.
254+65.30 Cut in

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8417 Division No. ____ F.B. 1119 Pg. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meneck Notes Anderson Date 5-16-40
Date ____ Date ____ Map No. ____ Inst. A.C. Job Date 5-20-40

Form 307 5M 5-39

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
5-13	5-14	1	R	8 25A	122 30	Coming in (Sta. 256+65)
264+95.2		2	Y		122 45	inside toe of breakwater
		3	W		123 05	
		4	R	8 27	123 20	
		5	Y		123 40	
		6	W		124 05	
		7	R	8 29	124 30	
		8	Y		125 05	
		9	W		126 05	
		10	R	8 32	126 35	
		11	Y		127 50	
		12	W		129 35	
		13	R	8 35	130 15	
		14	Y		131 25	
		15	W		133 05	
		16	R	8 40	134 10	
		17	Y		134 40	
		18	W		135 35	
		19	R	8 42	135 40	
		20	Y		136 10	

F.B. 1184 Pg. 58 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date No.
Survey by Meweek Notes Anderson - 5-16-46 Date Checked X-Sec.
Indexed C. Johnson Date Notes Chkd. Date No.
256+65.5 Cut Int in

Form 307 5M 5-39

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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
5-13	5-14	21	W		137 20	Coming in. (Sta. 256+65) Cont'd
		22	R	845	139 05	from pg. 58.
		23	Y		142 10	
		24	W		144 05	
		25	R	848	145 15	End. See pg. ~~49~~ 63 for completion of this line.
"	"	1	R	857	144 35	Going out from Sta. 258+65
		2	Y		142 50	
		3	W		141 40	
		4	R	900	140 50	
		5	Y		139 35	
		6	W		138 40	
		7	R	905	136 00	
		8	Y		133 35	
		9	W		131 30	
		10	R	908	130 25	
		11	Y		129 00	
		12	W		127 50	
		13	R	911	127 20	
		14	Y		126 35	Cont'd on pg. 60

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8417 Division No. ____ F.B. 1184 Pg. 3
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Fleisch Notes C.A. Date 5-16-[illegible]
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

256+95.9 Cut In
258+65.8 Cut In

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Tinc	ELEV. Hor. Ang.	Remarks
5-13	5-14	15	W		125 20	Going out from Sta. 258+65
		16	R	912	12[illegible] 55	Contd from pg. 59
		17	Y		12[illegible] 40	
		18	W		12[illegible] 25	
		19	R	916	12[illegible] 35	
		20	Y		1[illegible] 45	
		21	W		11[illegible] 50	
		22	R	920	11[illegible] 50	
		23	Y		117 55	
		24	W		11[illegible] 50	
		25	R	924	11[illegible] 25	
		26	Y		11[illegible] 00	
		27	W		11[illegible] 20	
		28	R	927	114 55	Inside toe of breakwater. See pg. ~~44~~ 63 for completion of this line.
270 +65	"	1	R	940	12[illegible] 35	Coming in. (Sta. 260+65) inside toe of Breakwater
		2	Y		12[illegible] 30	
		3	W		12[illegible] 50	
						Contd on pg. 61

Cut In
258+65 Cut In
260+65 So.

F.B. 1184 Pg. 60 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Meinecke Notes R.A. 5-16-46 Notes Chkd. Checked X-Sec.
Indexed by C. Johnson Date Date No.

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STATION Inst. Sight At	On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
270+65	S-14	4 ~~75~~	R	9 44	125 20	Coming In
		5 ~~76~~	Y		126 00	(Sta. 260+65)
		6 ~~77~~	W		126 55	Cont'd from pg. 60
		7 ~~78~~	R	9 46	127 40	
		8 ~~79~~	Y		128 25	
		9 ~~80~~	W		129 25	
		10 ~~81~~	R	9 49	130 35	
		11 ~~82~~	Y		132 25	
		12 ~~83~~	W		134 15	
		13 ~~84~~	R	9 53	136 05	
		14 ~~85~~	Y		137 20	
		15 ~~86~~	W		139 55	
		16 ~~87~~	R	9 56	142 25	
		17 ~~88~~	Y		145 20	
		18 ~~89~~	W		149 45	
		19 ~~90~~	R	10 00	152 50	
		20 ~~91~~	Y		155 45	
		21 ~~92~~	W		157 50	
		22 ~~93~~	R	10 04	159 20	End See pg. ~~50~~ 64 for completion of this line.

260+65 S Cut In

Profile No. ___ Notes Red. ___ Plotted ___ Job No. 8412 Division No. ___ P.B. 1124 Pg. 67
No. ___ Date ___ Date ___ Survey of Beach Erosion - Redondo Area
X-Sec. No. ___ Notes Chkd. ___ Checked ___ Survey by O. Kleinack Notes RDA Date 8-16-[illegible]
Date ___ Date ___ Map No. ___ Indexed C. Johnson Date ___

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time		ELEV. Hor. Ang.		Remarks	
270+65	S-14	1	R	11	04	160°	55	Going	Out from
		2	V			158	20		Sta 262+65
		3	W			156	40		
		4	R	11	06	155	25		
		5	Y			153	00		
		6	W			151	35		
		7	R	11	09	150	20		
		8	Y			147	55		
		9	W			145	50		
		10	R	11	12	144	10		
		11	Y			142	25		
		12	W			140	10		
		13	R	11	16	138	05		
		14	Y			136	25		
		15	W			134	35		
		16	R	11	18	133	25		
		17	Y			131	45		
		18	W			130	05		
		19	R	11	21	128	25		
		20	Y			126	40	Cont'd on pg. 65	

F.B. 1194 Pg. 68 Job No. 3412 Division No. Redondo Area Notes Red. Plotted Profile No.
Survey of Beach Erosion - Redondo Area Date Date No.
Survey by B. Kleinack Notes RDA 5-16-46 Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.
262+65 Cut In

Form 307 5M 5-39

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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
S13 264+95.27	S14	1	R	A.M. 6 40	128 25'	Going Out (Range 254+65)
		2	R		127 55	For other portion of this line
		3	R		126 50	see pg. 57
		4	R	6 45	125 40	
		5	R		123 40	End
"	"	1	R	6 59	117 30	Coming In (Range 256+65)
		2	R		118 20	For other portion of this line
		3	R		119 10	See pg. 58.
		4	R	7 03	120 05	
		5	R		120 45	
		6	R		121 10	End
"	"	1	R	7 16	114 35	Going Out (Range 258+65)
		2	R		114 20	
		3	R		114 00	
		4	R	7 19	113 30	
		5	R		113 10	

Soundings outside of breakwater.

254+65 Cut In.
256+65 Cut In.
258+65 Cut In So.

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ P.B. [illegible]
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of Beach Erosion - Redondo Area
Survey by G. Kleinek Notes R.D.A. Date 5-17-46
Map No. ____ Date ____ Indexed D. Johnson Date ____

Form 307 5M 5-39

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700 HALL OF RECORDS

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Do not extend notes this side of this line

Sounding Outside of [illegible]

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
S-13 264+95±	S-14	6	R		112° 35'	End - Going Out (Range 258+65)
						For other portion of this line see pg. 59.
268+65	S-14	1	R	7 32	117 00	Coming In (Range 260+65)
		2	R		117 30	For other portion of this line
		3	R		118 15	see pg. 60.
		4	R	7 35	118 25	
		5	R		118 35	End
268+65	S-14	1	R	7 48	113 10	Going Out (Range 262+65)
		2	R		112 55	For other portion of this line
		3	R		112 30	see pg. 62
		4	R	7 52	112 10	
258+65 Cut In	260+65 Cut In	5	R		111 50	
	262+65 Cut In South	6	R		112 10	
		7	R	7 55	111 15	
		8	R		110 45	End

Survey of Beach Erosion - Redondo Area
Survey by G. Kleineck Notes R.D.A. 5-17-46
Indexed A. C. Johnson Date
Lab No. 8412 Division No.
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. 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 Inst. Sight At	On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
270+65	S-14	21	W		125° 20'	Going Out - Contd from pg. 62
		22	R	11 24	124 00	(Sta. 262+65)
		23	Y		122 15	
		24	W		121 25	
		25	R	11 27	120 35	
		26	Y		119 55	
		27	W		119 45	End (Inside toe breakwater)
						See pg. ~~50~~ 64 for completion of this line.
"	"	1	R	11 39	119 20	Coming In (Sta. 264+65)
		2	Y		121 25	inside toe of breakwater.
		3	W		123 20	
		4	R	11 43	126 50	
		5	Y		129 10	
		6	W		132 40	
		7	R	11 48	139 50	
		8	Y		144 55	
		9	W		148 25	
		10	R	11 51	152 15	
		11	Y		154 35	Contd on pg. 66.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. No. 64
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo Area
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by G. Kleinecht ____ R.R.A. Date 5-16-46
No. ____ Date ____ Date ____ Map No. ____ Date ____

262+65 Cut In
264+65 Cut In
South

Form 307 5M 5-39

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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
270+65	S-14	12	W		157 25	Coming In End Sta 264+65 - Cont'd from pg. 65.
		1				
274-65	S-14	1	R	12 01	167 35	Coing Out (Sta. 266+65)
		2	Y		165 10	
		3	W		163 10	
		4	R	12 03	162 35	
		5	Y		160 00	
		6	W		157 20	
		7	R	12 05	156 35	
		8	Y		154 00	
		9	W		151 10	
		10	R	12 08	148 40	
		11	Y		146 55	
		12	W		144 05	
		13	R	12 11	144 45	
		14	Y		142 40	
		15	W		140 25	
		16	R	12 13	139 05	
		17	Y		139 45	Cont'd on pg. 67

264+65 Cut In
266+65 Cut In
So.

F.B. 1174 Pg. 56 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Area Date Date No.
Survey by G. Kleinack Notes R.O.A. 5-16-46 Notes Chkd. Checked X-Sec.
Indexed by C. Johnson Date Date No.

Form 307 5M 5-39

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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. At	Sight On	#	Color	Time P.M.	Hor. Ang.	Remarks	
274+65	S-14	18	W		138 20	Going	Out
		19	R	12 16	136 40	(Sta. 266+65)	
		20	Y		135 10	Cont'd from pg. 66	
		21	W		134 20		
		22	R	12 19	132 40		
		23	Y		131 50		
		24	W		130 55		
		25	R	12 22	128 25		
		26	Y		127 00		
		27	W		125 05	End	
"	"	1	R	12 34	121 40	Coming	In (Sta. 268+65)
		2	Y		124 10		
		3	W		125 45		
		4	R	12 37	130 00		
		5	Y		133 30		
		6	W		138 50		
		7	R	12 40	143 55		
		8	Y		149 30	Cont'd on pg. 68	

Profile No. ____ Date ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1/84 Pg. 6
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of Beach Erosion - Redondo Area
Survey by B. Kleinsek Notes R.D.A. Date 5-16-46
Map No. ____ Date ____ Indexed C. Johnson Date ____

266+65 Cut In
268+65 Cut In
So.

Form 307 5M 5-39

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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	P.M.	ELEV. Hor. Ang.		Remarks
274+65	S-14	9	W			151	40	Coming In (Sta 268+65)
		10	R	12	43	155	50	Cont'd from pg. 67
		11	Y			159	10	
		12	Y			161	10	End
264+95 27					A.M.			5-17-46
S-13	S-14	1	R	8	11	17	10	Going Out (Range 270+65)
		2	Y			19	35	
		3	W			22	25	
		4	R	8	13	25	45	
		5	Y			28	00	
		6	W			31	10	
		7	R	8	15	32	15	
		8	Y			35	15	
		9	W			38	35	
		10	R	8	18	42	25	
		11	Y			45	50	
		12	W			49	25	
		13	R	8	20	51	35	
		14	Y			54	20	Cont'd on pg. 69.

268+65 Cut In
270+65 Cut In
South

Survey of Beach Erosion - Redondo Area
Survey by G. Kleineck Notes R.O.A. 5-16-46
Indexed C. Johnson Date
Job No. 3412 Division No.
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.
E.B. 1194 Pg. 68

Form 307 5M 5-39

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700 HALL OF RECORDS

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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	
264+95 22 S-13	S-14	15	W		56° 35'	Going Out	(Range 270+65)
		16	R	8 23	57 20	Cont'd from pg 68.	
		17	Y		59 05		
		18	W		60 25		
		19	R	8 26	62 25		
		20	Y		65 30		
		21	W		66 35		
		22	R	8 29	67 50		
		23	Y		69 05	End	
"	"	1	R	8 41	60 20	Coming In	(Range 272+65)
		2	Y		52 40		
		3	W		49 05		
		4	R	8 45	46 40		
		5	Y		42 45		
		6	W		38 25		
		7	R	8 48	33 45		
		8	Y		30 40		
		9	W		27 05	Cont'd on pg 70.	

Profile No. ____ Notes Red. ____ Platted ____ Job No. 8412 Division No. ____ F.B. No. 84 Pg. 69
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo Area
Notes Chkd. ____ Checked ____ Survey by C. Kleineck Notes R.D.A. Date 5-17-66
Date ____ Date ____ Map No. ____ Inspector C. Johnson Date ____

270+65 Cut In
272+65 Cut In
So.

Form 307 5M 5-39

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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	A.M.	ELEV. Hor. Ang.		Remarks	
264+95 22 S-13	S-14	10	R	8	50	23°	50'	Coming In	(Range 272+65)
		11	Y			20	00	Cont'd from pg. 69.	
		12	W			18	05		
		13	R	8	53	15	10		
		14	Y			11	50	End	
"	"	1	R	8	59	10	30	Going Out	(Range 274+65)
		2	Y			12	10		
		3	W			14	15		
		4	R	9	01	15	40		
		5	Y			16	20		
		6	W			17	15		
		7	R	9	03	19	00		
		8	Y			20	55		
		9	W			23	25		
		10	~~11~~	R	9	06	25	55	
		11	~~12~~	Y			28	45	
		12	~~13~~	W			31	15	
		13	~~14~~	R	9	09	34	05	Cont'd on pg. 71

272+65 Cut In
274+65 Cut In
So.

F.B. 1184 Pg. 70 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Area Date Date No.
Survey by G. Kleineck Notes R.D.A. 5-17-46 Notes Chkd. Checked X-Sec.
Indexed by C. Johnson Date Date No.

Form 307 5M 5-39

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700 HALL OF RECORDS

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. A.M. Time	ELEV. Hor. Ang.	Remarks	
264+95 27 S-13	S-14	14 ~~15~~	Y		36° 35'	Going Out	(Range 274+65)
		15 ~~16~~	W		39 50	Cont'd from pg 70	
		16 ~~17~~	R	9 12	44 05		
		17 ~~18~~	Y		46 30		
		18 ~~19~~	W		49 50		
		19 ~~20~~	R	9 16	52 00	End	
270+65	S-14	1	R	9 25	67 55	Coming In	(Range 276+65)
		2	Y		64 45		
		3	W		60 40		
		4	R	9 29	56 30		
		5	Y		51 45		
		6	W		45 20		
		7	R	9 34	41 00		
		8	Y		36 45		
		9	W		33 25		
		10	R	9 36	28 20		
		11	Y		23 50		
		12	W		20 05	Cont'd on pg 72	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 3912 Division No. ____ P.B. 1184 Pg. 5
X-Sec. No. ____ Date ____ Date ____ Survey of Reach Erosion - Redondo Area
Notes Chkd. ____ Checked ____ Survey by C. Kleinecke Notes R.D.A. Date 5-17-[illegible]
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

274+65 Cut In
276+65 Cut In
So.

Form 307 5M 5-39

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700 HALL OF RECORDS

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STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
270+65	S-14	13	R	9 39	16° 50'	Coming In	(Range 276+65)
		14	Y		14 20	End. Cont'd from pg 71.	
11	11	1	R	9 48	8 45	Going Out	(Range 278+65)
		2	Y		10 30		
		3	W		11 55		
		4	R	9 50	13 40		
		5	Y		15 45		
		6	W		18 10		
		7	R	9 52	20 45		
		8	Y		22 55		
		9	W		25 45		
		10	R	9 54	28 40		
		11	Y		31 00		
		12	W		33 40		
		13	R	9 57	38 25		
		14	Y		42 30		
		15	W		45 30		
		16	R	10 00	48 55	Cont'd on pg 73	

276+65 Cut In
278+65 Cut In
So.

F.B. 1184 Pg. 72 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Area Date No.
Survey by C. Kleinack Notes R.D.A. 5-17-46 Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

Form 307 SM 5-39

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STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. A.M. Time	ELEV. Hor. Ang.		Remarks	
270+65	S-14	17	Y		53°	30'	Going Out	(Range 278+65) - Cont'd
		18	W		55	15		from pg. 72.
		19	R	10 04	56	55	End	
"	"	1	R	10 16	50	30	Coming In	(Range 280+65)
		2	Y		47	00		
		3	W		43	25		
		4	R	10 20	39	10		
		~~5~~	~~Y~~					
		5 ~~6~~	W		31	05		
		6 ~~7~~	R	10 23	27	00		
		7 ~~8~~	Y		23	05		
		8 ~~9~~	W		18	50		
		9 ~~10~~	R	10 25	16	30		
		10 ~~11~~	Y		13	35		
		11 ~~12~~	W		11	25		
		12 ~~13~~	R	10 27	09	55		
		13 ~~14~~	Y		08	40		
		14 ~~15~~	W		06	45	End	

278+65 Cut In
280+65 Cut In

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1184 Pg. 72
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo Area
Notes Chkd. ____ Checked ____ Survey by G. Kleineck Notes R.D.A. Date 5-17-46
Date ____ Date ____ Map No. ____ Index G. Johnson Date ____

Form 307 5M 5-39

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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	A.M.	ELEV. Hor.	Ang.	Remarks
276+65	S-14	1	R	11	27	09°	10'	Going Out (Range 282+65)
		2	Y			10	30	
		3	W			13	10	Note: Sta's 282+65 to
		4	R	11	29	13	40	288+65 incl. are on
		5	Y			16	30	a 50' Offset line to
		6	W			18	10	left. See pg. 6, this book
		7	R	11	32	21	25	
		8	Y			23	10	
		9	W			25	05	
		10	R	11	35	28	10	
		11	Y			33	25	
		12	W			35	50	
		13	R	11	38	36	45	
		14	Y			39	10	
		15	W			41	40	
		16	R	11	42	43	20	
		17	Y			47	10	
		18	W			52	10	
		19	R	11	47	53	05	
		20	Y			57	30	Cont'd on pg. 75

282+65 S Cut In

F.B. 114 Pg. 75 Job No. 9412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Area Date Date No.
Survey by C. Kleineck Notes R.D.A. 5-17-46 Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

Form 307 5M 5-39

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700 HALL OF RECORDS

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STATION Inst. Right At	On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.		Remarks	
276+65	S-14	21	W	AM.	58°	20'	Going Out	(Range 282+65) Cont'd
		22	R	11 54	61	50		From pg. 74.
		23	Y		64	30	End	
				P.M.				
"	"	1	R	12 07	55	50	Coming In	(Range 284+65)
		2	Y		46	00		
		3	W		41	50		
		4	R	12 13	37	20		
		5	Y		33	10		
		6	W		27	40		
		7	R	12 16	23	15		
		8	Y		19	00		
		9	W		16	55		
		10	R	12 19	14	55		
		11	Y		12	10		
		12	W		10	30		
		13	R	12 20	09	00	End	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 113-[illegible]
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redonda Area
Notes Chkd. ____ Checked ____ Survey by G. Kleinecke Notes R.D.A. Date 5-17-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

282+65 Cut In
284+65 Cut In

Form 307 5M 5-39

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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	P.M.	ELEV. Hor.	Ang.	Remarks	
276+65	S-14	1	R	12	27	08°	40'	Going Out	(Range 286+65)
		2	Y			10	10		
		3	W			11	25		
		4	R	12	29	12	50		
		5	Y			14	00		
		6	W			16	00		
		7	R	12	31	17	50		
		8	Y			19	30		
		9	W			21	10		
		10	R	12	34	23	10		
		11	Y			26	40		
		12	W			28	30		
		13	R	12	37	30	45		
		14	Y			30	40		
		15	W			35	25		
		16	R	12	45	38	10		
		17	Y			38	05		
		18	W			39	40		
		19	R	12	52	44	40	End	

286+65 Cut In So.

F.B. 1184 Pg. 86 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Area Date Date No.
Survey by G. Kleinack Notes R.D.A. 5-17-46 Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

Form 307 SM 5-39

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700 HALL OF RECORDS

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STATION Inst. Sight At	On	B. S. #	H. I. Color	F. S. Time PM	ELEV. Hor. Ang.	Remarks
276+65	S-14	1	R	1 02	38°-20'	Coming In (Range 288+65)
		2	Y		33 10	
		3	W		29 40	
		4	R	1 05	27 20	
		5	Y		25 05	
		6	W		22 10	
		7	R	1 07	19 55	
		8	Y		17 40	
		9	W		15 45	
		10	R	1 09	13 35	
		11	Y		11 45	
		12	W		10 40	
		13	R	1 11	09 30	End

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1175 Pg. 1
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo Area
Notes Chkd. ____ Checked ____ Survey by C. Klainack Notes P.O.A. Date 5-17-46
No. ____ Date ____ Date ____ Map No. ____ Date ____

288+65 South

Form 307-5M 5-39

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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	

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

Form 307 5-89

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Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.		REMARKS
#	Time	Meas. Depth	Retard	Ft. + Adj. Depth		
257+65						
1	R	7:15	3.2	2.4+~~1.9~~	~~1.3~~ 0.8	Going out
2	Y		4.5		~~2.6~~ 2.1	
3	W		5.5		~~3.6~~ 3.1	
4	R	7:20	6.3	2.4+~~1.9~~	~~4.4~~ 3.9	
5	Y		7.2		~~5.3~~ 4.8	
6	W		8.2		~~6.3~~ 5.8	
7	R	7:27	9.1	2.6~~2.0~~	~~7.1~~ 6.5	
8	Y		10.2		~~8.2~~ 7.6	
9	W		11.2		~~9.2~~ 8.6	
10	R	7:30	11.6	2.6~~2.1~~	~~9.5~~ 9.0	
11	R	7:34	11.6	2.7~~2.1~~	~~9.5~~ 8.9	
12	Y		12.6		~~10.5~~ 9.9	
13	W		13.5		~~11.4~~ 10.8	
14	R	7:44	14.3	2.8~~2.2~~	~~12.1~~ 11.5	
15	Y		13.0		~~10.9~~ 10.2	
16	W		11.4		~~8.8~~ 8.6	
17	R	7:49	10.1	2.8~~2.2~~	~~8.3~~ 7.7	for completion of
18	Y		9.0			inside toe of breakwater

Sounding taken along Range Line from Point Fermin Light to Point Vicente Light (South) Page 39 to 104 inc.

For Tide Gage Readings see F.B. 1251

Changes in rod by Evans see F.B. 1251/6

Project
Noted By
No. Date
X-Sec. Notes Chkd
Date
No. Mag. No.
Date

Form 307 5M 5-39

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700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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
	Blank					

F.B. 118 Pg. 80 Job No. 8412 Division No. Notes Red. L.K.F. Plotted Date No. Profile

Survey of Beach Erosion - Redondo Area Date 5-20-46 Date No. X-Sec.

Survey by Klemeck Notes Hobson 5-16-46 Notes Chkd. LCW Checked Date No.

Indexed Date Date 5-20-46

(12.)

Form 307 SM 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.	
#	Sight	Time	Meas. Depth to Bottom	Ht. Adj. Depth	Remarks
256+65					
1	R	8:25	14.3	3.1 ~~2.7~~ / 11.1 ~~11.6~~	Inside toe of break w. - Going in
2	Y		15.4	12.2 ~~12.7~~	See pg. 89 for completion
3	W		16.8	13.6 ~~14.1~~	of this line.
4	R	8:27	18.2	3.3 ~~2.7~~ / ~~14.9~~ ~~15.5~~	
5	Y		15.1	11.8 ~~12.4~~	
6	W		16.8	13.5 ~~14.1~~	
7	R	8:29	17.5	3.3 ~~2.8~~ / 14.2 ~~14.7~~	
8	Y		18.1	~~14.8~~ ~~15.3~~	
9	W		18.8	15.5 ~~16.0~~	
10	R	8:32	23.8	3.3 ~~2.8~~ / ~~20.5~~ ~~21.0~~	
11	Y		23.5	~~20.2~~ ~~20.7~~	
12	W		22.9	~~19.6~~ ~~20.1~~	
13	R	8:35	21.8	3.3 ~~2.8~~ / 18.5 ~~19.0~~	
14	Y		21.0	17.7 ~~18.2~~	
15	W		19.8	16.5 ~~17.0~~	
16	R	8:40	18.7	~~3.1~~ ~~2.6~~ / 15.2 ~~15.8~~	
17	Y		17.1	~~13.7~~ ~~14.2~~	
18	W		15.0	~~13.6~~ ~~14.1~~	
19	R	8:42	12.8	~~3.1~~ ~~2.6~~ / ~~9.7~~ ~~10.2~~	Carried on pg. 87

256+65 S. Bank

Profile Notes Red [illegible] Yellow [illegible] White [illegible]
No. [illegible] Date 5-20-46 Date [illegible] Survey of Beach Erosion - Section 1
X-Sec. Notes Chkd. J.C.W. Checked [illegible] Survey By Hansen Notes Hansen Date 5-16-46
No. [illegible] Date 5-20-46 Date [illegible] Map No. [illegible] Inked C. Johnson Date [illegible]

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
256	+65 (Cont.)				3.4		Cont'd from pg. 81
20	Y		11.3			7.9 ~~8.4~~	
21	W		10.0			6.6 ~~7.1~~	
22	R	8:44	9.0		3.4 ~~2.9~~	5.6 ~~6.1~~	
23	Y		8.0			4.6 ~~5.1~~	
24	W		6.8			3.4 ~~3.9~~	
25	R.	8:49	4.6		3.4 ~~2.9~~	1.2 ~~1.7~~	
258	+65						
1	R	8:57	4.0		3.5 ~~3.0~~	0.5 ~~1.0~~	Going out from beach
2	Y		5.5			2.0 ~~2.5~~	
3	W		7.0			3.5 ~~4.0~~	
4	R	9:00	8.0		3.5 ~~3.0~~	4.5 ~~5.0~~	
5	Y		9.5			6.0 ~~6.5~~	
6	W		10.8			7.3 ~~7.8~~	
7	R	9:05	11.8		3.5 ~~3.0~~	8.3 ~~8.8~~	
8	Y		13.0			9.5 ~~10.0~~	
9	W		13.6			10.1 ~~10.6~~	
10	R	9.08	14.8		3.5 ~~3.0~~	11.3 ~~11.8~~	
11	Y		15.8			12.3 ~~12.8~~	Cont'd on pg. 83

256+65 Boat
258+65 Boat
South.

F.B. 1184 PG. 82 Job No. 8412 Division No. Notes Red. L. K. F. Plotted Profile
Survey of Beach Erosion - Redondo Area Date 5-20-40 Date No.
Survey by G. Klemeck Notes Hobson - 5-16-40 Notes Chkd. LCW Checked X-Sec.
Indexed C. Johnson Date 5-20-40 Date No.

(3.)

Form 307 SM 5-39

PLEASE RETURN TO
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700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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
258	+65 (cont)				3.5		Cont'd from pg. 82
12	W		17.5			14.0 ~~14.5~~	
13	R	9:10	18.8		3.5 ~~3.0~~	15.3 ~~15.8~~	
14	Y		19.8			16.3 ~~16.8~~	
15	W		20.8			17.3 ~~17.8~~	
16	R	9:12	21.8		3.5 ~~3.0~~	18.3 ~~18.8~~	
17	Y		22.8			19.3 ~~19.8~~	
18	W		23.8			20.3 ~~20.8~~	
19	R	9:16	24.0		3.6 ~~3.1~~	21.4 ~~20.9~~	
20	Y		24.8			21.2 ~~21.7~~	
21	W		25.0			21.4 ~~21.9~~	
22	R	9:20	25.2		3.6 ~~3.1~~	21.6 ~~22.1~~	
23	Y		25.0			21.4 ~~21.9~~	
24	W		23.8			20.2 ~~20.7~~	
25	R	9:24	22.1		3.6 ~~3.1~~	18.5 ~~19.0~~	
26	Y		19.1			15.5 ~~16.0~~	
27	W		16.2			12.6 ~~13.1~~	
28	R	9:26	13.2		3.6 ~~3.1~~	9.6 ~~10.1~~	Inside toe of breakwater

See pg. 89 for completion of this line

Profile No. ____ Notes Red L. K. F. Plotted ____ Job No. [illegible] Division No. ____ F.B. [illegible]
No. ____ Date 5-20-46 Date ____ Survey of Beach Erosion + Redondo Area
X-Sec. No. ____ Notes Chkd. LCW Checked ____ Survey by Mowrer Notes Hobson Date 5-[illegible]
No. ____ Date 5-20-46 Date ____ Map No. ____ Jefferson Date ____

258+65 S Boat

F.B. 1184 PG. 84 | Job No. 8417 | Division No. | Notes Red. L. K. | Plotted | Profile

Survey of Beach Erosion Redondo Area | Date 5-20-46 | Date | No.

Survey by Kleineck | Notes Hobson 5-16-46 | Notes Chkd. LCW | Checked | X-Sec.

Indexed | Date | Date 5-20-46 | Date | No.

Form 307 5M 5-39

PLEASE RETURN TO
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700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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 Tide Depth Bottom Side Adj. Depth Bearing	Blank	Note.	Mt.	

(4)

Form 307 SM 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
260+65							
1	R	9:40	16.0		3.7 ~~3.2~~	12.3 ~~12.8~~	Inside toe of breakwater - Going in.
2	Y		20.0			16.3 ~~16.8~~	See pg. 90 for com-
3	W		20.2			16.5 ~~17.0~~	pletion of this line
4	R	9:44	22.0		3.7 ~~3.2~~	18.3 ~~18.8~~	
5	Y		25.2			21.5 ~~22.0~~	
6	W		27.2			23.5 ~~24.0~~	
7	R	9:46	27.5		3.7 ~~3.2~~	23.8 ~~24.3~~	
8	Y		27.2			23.5 ~~24.0~~	
9	W		27.2			23.5 ~~24.0~~	
10	R	9:49	27.2		3.7 ~~3.2~~	23.5 ~~24.0~~	
11	Y		26.5			22.8 ~~23.3~~	
12	W		25.0			21.3 ~~21.8~~	
13	R	9:53	23.8		3.7 ~~3.2~~	20.1 ~~20.6~~	
14	Y		22.5			18.8 ~~19.3~~	
15	W		20.5		~~3.2~~	16.8 ~~17.3~~	
16	R	9:56	18.8		3.7	15.1 15.6	
17	Y		17.3			13.6 14.1	
18	W		14.8			11.1 11.6	
19	R	10:00	12.8		3.7 ~~3.2~~	9.1 9.6	Cont'd on pg. 86

Profile No. ____ Notes Red L. K. F. Plotted ____ Job No. 8417 Division No. ____ F.B. 11 Pg. 15
Date 5-20-46 Date ____ Survey of Beach Erosion - Redondo Area
X-Sec. No. ____ Notes Chkd. LCW Checked ____ Survey by Meineck Notes Hobson Date 5-16-46
Date 5-20-46 Date ____ Map No. ____ Date ____
Mrs. G. Johnson
260+65 S. Boat

Form 307 5M 5-39

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700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 1166 Pg. 16 | Job No. 4412 | Division No. | Notes Red. L. K. F. | Plotted | Profile
Survey of Beach Erosion-Redondo Area | Date 5-20-46 | Date | No. | X-Sec.
Survey by K. Lemmeck | Notes Hobson 5-16-46 | Notes Chkd. LCW | Checked
Inked C. Johnson | Date 5-20-46 | Date | No.

STATION	Color	B. S. Time	H. I. Hours Depth Bottom	F. S.	ELEV. Ht. Rise	Adj. Depth	Remarks
260+65 (cont)					3.7		Cont'd from pg. 85
20	Y		9.2			5.5 6.0	
21	W	"	6.3			2.6 3.1	
22	R	10:04	4.0		3.7 3.2	0.3 0.8	
							Intermission - Lunch
262+65							
1	R	11:04	4.0		3.5 2.9	0.5 1.1	Going out
2	Y		6.2			2.7 3.3	
3	W		8.0			4.5 5.1	
4	R	11:06	10.0		3.4 2.9	6.6 7.1	
5	Y		12.0			8.6 9.1	
6	W		13.0			9.6 9.9 10.1	
7	R	11:09	13.8		3.4 2.9	10.4 10.9	
8	Y		14.8			11.4 11.9	
9	W		15.3			11.9 12.4	
10 Boat	R	11:12	15.8		3.4 2.9	12.4 12.9	
11	Y		16.8			13.4 13.9	
12	W		18.0			14.6 15.1	
263+65	R	11:16	20.0		3.3 2.9	16.7 17.1	
264+65	Y		21.2			17.9 18.3	Cont'd on pg. 87

(5.) Form 307 5M 5-39

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
262+65 (cont.)					3.3		Going out. Cont'd from pg 86
15	W		22.2			18.9 ~~19.3~~	
16	R	11:19	23.0		3.3 ~~2.8~~	19.7 ~~20.2~~	
17	Y		24.2			20.9 ~~21.4~~	
18	W		25.2			21.9 ~~22.4~~	
19	R	11:21	27.0		3.3 ~~2.8~~	23.7 ~~24.2~~	
20	Y		28.1			24.8 ~~25.3~~	
21	W		28.9			25.6 ~~26.1~~	
22	R	11:24	29.8		3.3 ~~2.8~~	26.5 ~~27.0~~	
23	Y		30.6			27.3 ~~27.8~~	
24	W		30.8			27.5 ~~28.0~~	
25	R	11:27	30.5		3.3 ~~2.8~~	27.3 ~~27.7~~	
26	Y		28.9			25.7 ~~26.1~~	
27	W		28.0			24.8 ~~25.2~~	Inside toe of breakwater

See pg. 90 for completion of Thiessen.

Profile No. ____ Date 5-20-46 Notes Sent L R F Plotted ____ Job No. 5417 Notes Rec. ____ Survey of Beach Erosion - Redondo Area
X-Sec. No. ____ Date 5-20-46 Notes Chkd. LCW Checked ____ Survey by Klemeck Notes Hob. Date Feb. 1946
Map No. ____ Indexed C. Johnson Date ____

262+65 Beach South

Form 307 5M 5-39

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. Side	Adj. Depth	Remarks
264	+65						
1	R	11:40	29.2		3.1 ~~2.6~~	26.1 ~~26.6~~	Going in
2	Y		28.0			24.9 ~~25.4~~	
3	W		26.0			22.9 ~~23.4~~	
4	R	11:43	24.8		3.1 ~~2.6~~	21.7 ~~22.2~~	
5	Y		23.0			19.9 ~~20.4~~	
6	W		19.8			16.7 ~~17.2~~	
7	R	11:49	17.0		3.0 ~~2.5~~	14.0 ~~14.5~~	
8	Y		15.5			12.5 ~~13.0~~	
9	W		14.2			11.2 ~~11.7~~	
10	R	11:51	12.8		3.0 ~~2.5~~	9.8 ~~10.3~~	
11	Y		10.2			7.2 ~~7.7~~	Cont'd on pg. 91

R.B. 1494 Pg. 88 Job No. 8417 Division No. Notes Red. L. K. F. Plotted Profile
Survey of Beach Erosion - Redondo Area Date 5-20-46 Date No.
Survey by Bleineck Notes Hobson - 5-16-46 Notes Chkd. LCW Checked X-Sec.
Inspector A. C. Johnson Date 5-20-46 Date No.
264+65 S.D. 0.47

Form 307 5M 5-39

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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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	[illegible]
254+65		A. M.					
1	R	6:39	18.0		1.1 ~~0.6~~	16.9 ~~17.4~~	Outside toe of breakwater
2	R		20.8			19.7 ~~20.2~~	(Going out)
3	R		23.0			22.9 ~~22.4~~	For other portion of this
4	R	6:45	25.8		1.2 ~~0.7~~	24.6 ~~25.1~~	line see pg. 79
5	R		29.0			27.8 ~~28.3~~	
256+65							
1	R	6:59	31.0		1.4 ~~0.9~~	29.6 ~~30.1~~	Going in
2	R		29.5			28.1 ~~28.6~~	For other portion of
3	R		28.0			26.6 ~~27.1~~	this line see pg. 81
4	R	7:03	26.4		1.5 ~~0.9~~	24.9 ~~25.5~~	
5	R		25.2			23.7 ~~24.3~~	
6	R		23.0			21.5 ~~22.1~~	Outside toe of breakwater
258+65							
1	R	7:15	20.3		1.7 ~~1.1~~	18.6 ~~19.2~~	Outside toe of breakwater
2	R		26.0			24.3 ~~24.9~~	(Going out)
3	R		28.0			26.3 ~~26.9~~	For other portion of this
4	R	7:19	29.2		1.7 ~~1.2~~	27.5 ~~28.0~~	line see pg. 82

Soundings outside of breakwater

254+65

256+65

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line

#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
258	+65 (cont.)				1.7		
5	R		30.2			28.5 ~~29.0~~	
6	R	" "	32.2			30.5 ~~31.0~~	End " "
260	+65						
1	R	7:32	31.0		1.9 ~~1.4~~	29.1 ~~29.6~~	Going in
2	R		30.0			28.1 ~~28.6~~	For other portion of this line
3	R		29.0			27.1 ~~27.6~~	see pg. 85
4	R	7:35	28.0		2.0 ~~1.5~~	26.0 ~~26.5~~	
5	R		28.0			26.0 ~~26.5~~	Outside toe of breakwater
262	+65						
1	R	7:48	20.0		2.1 ~~1.6~~	17.9 ~~18.4~~	Outside toe of breakwater
2	R		29.5			27.4 ~~27.9~~	(Going out)
3	R		30.5			28.4 ~~28.9~~	For other portion of this
4	R	7:52	31.0		2.2 ~~1.7~~	28.8 ~~29.3~~	line see pg. 86
5	R		31.2			29.0 ~~29.5~~	
6	R		31.8			29.6 ~~30.1~~	
7	R	7:55	33.0		2.2 ~~1.7~~	30.8 ~~31.3~~	
8	R		34.0			31.8 ~~32.3~~	End

Survey of Beach Erosion - Redondo Area Date 5-20-46 Notes Chkd. LCW Date 5-20-46
Survey by Kleineck Notes Hobson 5-17-46 Date
Index C. Johnson Date
258+65 Boat
260+65 Boat
262+65 South Boat

16

Form 307 SM 5-39

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. Meas. Depth	F. S. Setting	ELEV. Rt Plus - Adj. Depth	Remarks
264+65 (cont.)						Contd from pg. 88
12	W		6.0		3.0 ~~2.5~~ $1.03.5	
266+65						
1	R	12:01	5.0		2.9 ~~2.4~~ 2.12.6	Going out
2	Y		8.5		5.6 ~~6.1~~	
3	W		10.0		7.1 ~~7.6~~	
4	R	12:03	11.0		2.9 ~~2.4~~ 8.1 ~~8.6~~	
5	Y		13.0		10.1 ~~10.6~~	
6	W		14.0		11.1 ~~11.6~~	
7	R	12:05	14.7		2.9 ~~2.4~~ 11.8 ~~12.3~~	
8	Y		15.6		12.7 ~~13.2~~	
9	W		17.6		14.7 ~~15.2~~	
10	R	12:08	18.9		2.8 ~~3.3~~ 16.1 ~~16.6~~	
11	Y		19.8		17.0 ~~17.5~~	
12	W		20.8		18.0 ~~18.5~~	
13	R	12:11	20.9		2.8 ~~3.3~~ 18.1 ~~18.6~~	
14	Y		21.8		19.0 ~~19.5~~	
15	W		22.0		19.2 ~~19.7~~	
16	R	12:13	22.8		2.8 ~~3.3~~ 20.0 ~~20.5~~	Contd on pg. 92

Profile No. _____ Notes Red. E.K.F. Plotted _____ Ref. No. 2W2 Shown to _____
No. _____ Date 5-20-46 Date _____ Survey of Beach Erosion Control
X-Sec. _____ Notes Chkd. LCW Checked _____ Survey by H. Lamack Notes Rbkd. _____ Date _____
No. _____ Date 5-20-46 Date _____ Map No. _____ Inked G. Johansen Date _____
266+65 Back Sloth.

Form 307 5M. 5-39

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700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.

Division No. 8412 Notes Red. L.K. + Plotted Date. 5-20-46 Checked Date.

Survey of Beach Erosion - Redondo Beach Survey by Gleim and C. Johnson Notes Hobson-5/16 Notes Chkd. LCW Date. 5-20-46

I.B. 1184 Pg. 82

STATION #	Color	Time	B. S. Hours Depth	H. I. Bottom	F. S.	ELEV. Ht. Tide	Adj. Depth	Remarks
260+65 (cont.)						2.8		Contd from pg 91
17	Y		23.5				20.7 ~~21.7~~	
18	W		23.2				20.4 ~~20.4~~ 20.9	
19	R	12:16	23.8			2.8 ~~2.2~~	21.0 ~~21.6~~	
20	Y		24.4				21.6 ~~22.2~~	
21	W		25.2				22.4 ~~23.0~~	
22	R	12:19	25.2			2.7 ~~2.2~~	22.5 ~~23.0~~	
23	Y		26.2				23.5 ~~24.0~~	
24	W		26.4				23.7 ~~24.2~~	
25	R	12:23	26.4			2.7 ~~2.2~~	23.7 ~~24.2~~	
26	Y		28.0				25.3 ~~25.8~~	
27	W		28.8				26.1 ~~26.6~~	End.
268+65								
1	R	12:34	28.0			2.6 ~~2.1~~	25.4 ~~25.9~~	Going in
2	Y		25.8				23.2 ~~23.7~~	
3	W		25.0				22.4 ~~22.9~~	
4	R	12:37	24.3			2.5 ~~2.0~~	21.8 ~~22.3~~	
5	Y		22.8				20.3 ~~20.8~~	
6	W		21.0				18.5 ~~19.0~~	Contd on pg 93
274+65 South end								

Form 307 SM 5-39

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700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. _____ Date 5-20-46 Checked _____ Date 5-20-46

X-Sec. No. _____ Date _____ Checked _____ Date _____

Notes Calc'd C.C. W.J. Survey of Beach Erosion Study Survey by Interbeach Party Notes by Interbeach Party Date 5-17-46

Map No. _____ Inked C. Johansen Date 5-17-46

Job No. 8417 Drawing No. _____

Notes by L. K. F. Plotted _____

STATION		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Setting	Elev.	Adj. Depth	Remarks	
268+65							Contd from pg. 92	
7	R	5/16/46 12:41	18.5		2,520	16.0 16.5		
8	Y		16.5			14.0 14.5		
9	W		15.2			12.7 13.2		
10	R	12:43	13.5		2,520	11.0 11.5		
11	Y		11.0			8.5 9.0		
12	Y		9.0			6.5 7.0		
270+65								
1	R	5/17/46 8:11	7.2		2,520	4.7 5.2	Going out	5/17/46
2	Y		8.8			6.3 6.8		
3	W		10.3			7.8 8.3		
4	R	8:14	12.3		2,520	9.8 10.3		
5	Y		13.8			11.3 11.8		
6	W		15.0			12.5 13.0		
7	R	8:16	15.5		2,520	13.0 13.5		
8	Y		16.5			14.0 14.5		
9	W		17.8			15.3 15.8		
10	R	8:18	18.8		2,520	16.3 16.8		
11	Y		19.8			17.3 17.8	Contd on pg. 94	

268+65 Base
270+65 South Base

Form 307 5M 5-39

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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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
270	+65 (cont.)				2.5		Cont'd from pg. 93.
12	W		20.8			18.3 ~~18.7~~	
13	R	8:21	21.5		2.6 ~~2.1~~	18.9 ~~19.4~~	
14	Y		22.4			19.8 ~~20.3~~	
15	W		23.0			20.4 ~~20.9~~	
16	R	8:23	23.4		2.6 ~~2.1~~	20.8 ~~21.3~~	
17	Y		23.7			21.1 ~~21.6~~	
18	W		24.8			22.2 ~~22.7~~	
19	R	8:26	24.8		2.6 ~~2.1~~	22.2 ~~22.7~~	
20	Y		25.2			22.6 ~~23.1~~	
21	W		26.2			23.6 ~~24.2~~	
22	R	8:29	26.8		2.7 ~~2.2~~	24.1 ~~24.6~~	
23	Y		28.0			25.3 ~~25.8~~	End
272	+65						
1	R	8:41	28.2		2.8 ~~2.3~~	25.4 ~~25.9~~	Going in
2	Y		25.5			22.7 ~~23.2~~	
3	W		24.5			21.7 ~~22.2~~	
4	R	8:45	23.5		2.9 ~~2.4~~	20.6 ~~21.1~~	
5	Y		22.5			19.6 ~~20.1~~	Cont'd on pg. 95

270+65 Boat
272+65 Boat South

F. B. 1184 pg. 94 Job No. 8412 Division No. Notes Red. L. K. F. Plotted Profile
Survey of Beach Erosion-Redondo Area Date 5-20-46 Date No.
Survey by Hlenek Notes Hobson 5-16-46 Notes Chkd. LCW Checked X-Sec.
Indexed A. C. Johnson Date 5-17-46 Date 5-20-46 Date No.

Form 307 5M 5-39

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

Do not extend notes this side of this line

STATION		B. S.	H. I.	F. S.	ELEV.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
272	+65 (cont.				2.9		Cont'd from pg. 94
6	W		21.2			18.2 ~~18.8~~	
7	R	8:48	19.8		2.9 ~~2.4~~	16.9 ~~17.4~~	
8	Y		18.0			15.1 ~~15.6~~	
9	W		17.0			14.1 ~~14.6~~	
10	R	8:51	15.3		2.9 ~~2.4~~	12.4 ~~12.9~~	
11	Y		14.0			11.1 ~~11.6~~	
12	W		12.3			9.4 ~~9.9~~	
13	R	8:53	9.5		3.0 ~~2.5~~	6.5 ~~7.0~~	
14	Y		8.0			5.0 ~~5.5~~	End
274	+65						
1	R	8:59	8.2		3.0 ~~2.5~~	5.2 ~~5.7~~	Going out
2	Y		9.8			6.8 ~~7.3~~	
3	W		12.0			9.0 ~~9.5~~	
4	R	9:01	13.2		3.1 ~~2.6~~	10.1 ~~10.6~~	
5	Y		13.6			10.5 ~~11.0~~	
6	W		14.2			11.1 ~~11.6~~	
7	R	9:03	15.5		3.1 ~~2.6~~	12.4 ~~12.9~~	
8	Y		16.8			13.7 ~~14.2~~	Cont'd on pg. 96.

Notes Red L. K. F. Plotted
No. Date 5-20-46 Date
X-Sec. Notes Chkd. L.C.W. Checked
No. Date 5-20-46 Date
Job No. 8412 Division No.
Survey of Beach Erosion - Redondo Area
Survey by Kleinek Notes Hobson Date 5-17-46
Map No. Max C. Johnson Date

272+65 Boat
274+65 Boat
So.

Form 307 5M 5-39

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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.		
Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
274+65 (cont.)				3.1		Cont'd from pg 95
9	W	18.0			14.9 ~~15.4~~	
10	R	9:06 19.0		3.1 ~~2.6~~	15.9 ~~16.4~~	
11	Y	20.2			17.1 ~~17.6~~	
12	W	21.0			17.9 ~~18.4~~	
13	R	9:09 22.0		3.1 ~~2.6~~	18.9 ~~19.4~~	
14	Y	22.8			19.7 ~~20.2~~	
15	W	23.8			20.7 ~~21.2~~	
16	R	9:12 25.2		3.1 ~~2.7~~	22.1 ~~22.5~~	
17	Y	26.2			23.1 ~~23.5~~	
18	W	27.5			24.4 ~~24.8~~	
19	R	9:17 28.5		3.2 ~~2.7~~	25.3 ~~25.8~~	End—
276+65						
1	R	9:25 29.3		3.2 ~~2.7~~	26.1 ~~26.6~~	Going in—
2	Y	28.5			25.3 ~~25.8~~	
3	W	26.5			23.7 ~~23.8~~	
4	R	9:30 25.2		3.3 ~~2.8~~	21.9 ~~22.4~~	
5	Y	23.0			19.7 ~~20.2~~	
6	W	22.2			18.9 ~~19.4~~	Cont'd on pg 97

274+65 Boat
276+65 Beet South

F.B. 1184 Pg. 96 Job No. 8412 Division No. Notes Red. L. K. F. Plotted Profile No.
Survey of Beach Erosion - Redondo Area Date 5-20-46 Date X-Sec.
Survey by Kleineck Notes Hobson 5-17-46 Notes Chkd LCW Checked No.
Indexed by C. Johnson Date Date 5-20-46 Date

Form 307 5M 5-39

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LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tier	Adj. Depth	Remarks
276	+65	(cont.)					Cont'd from pg. 96
7	R	9:34	20.0		3.3 ~~2.8~~	16.7 ~~17.2~~	
8	Y		18.8		—	15.5 ~~16.0~~	
9	W		17.8			14.5 ~~15.0~~	
10	R	9:37	16.3		3.3 ~~2.8~~	13.0 ~~13.5~~	
11	Y		14.0		—	10.7 ~~11.2~~	
12	W		12.2		—	8.9 ~~9.4~~	
13	R	9:39	9.5		3.3 ~~2.8~~	6.2 ~~6.7~~	
14	Y		7.8		—	4.5 ~~5.0~~	End
278	+65				—		
1	R	9:48	5.0		3.4 ~~2.9~~	1.6 ~~2.1~~	Going out
2	Y		8.3			4.9 ~~5.4~~	
3	W		9.6			6.2 ~~6.7~~	
4	R	9:50	11.0		~~2.9~~ 3.4	7.6 ~~8.1~~	
5	Y		13.0			9.6 ~~10.1~~	
6	W		14.5			11.1 ~~11.6~~	
7	R	9:52	16.0		~~2.9~~ 3.4	12.6 ~~13.1~~	
8	Y		17.5			14.1 ~~14.6~~	
9	W		19.0		—	15.[illegible]	Cont'd on pg. 98

Profile No. ____ Notes Red. L. K. F. Plotted ____ Job No. 8412 Division No. ____ F.B. [illegible]
X-Sec. No. ____ Date 5-20-46 Date ____ Survey of Beach Erosion - Redonda Area
Notes Chkd. L.G.W. Checked ____ Survey by Kleineck Notes Hobson Date 5-17-46
Date 5-20-46 Date ____ Map No. ____ Mark C. Johnson Date ____

276+65 Beat
278+65 Beat
Sol.

Form 307 5M 5-39

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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
278	+65 (cont.)						Cont'd from pg. 97.
10	R	9:54	19.5		~~2.9~~ 3.4	16.1 ~~16.6~~	
11	Y		20.2			16.8 ~~17.3~~	
12	W		20.7			17.3 ~~17.8~~	
13	R	9:57	22.3		~~2.9~~ 3.4	18.9 ~~19.4~~	
14	Y		24.0			20.6 ~~21.1~~	
15	W		25.0			21.6 ~~22.1~~	
16	R	10:00	26.0		~~2.9~~ 3.4	22.6 ~~23.1~~	
17	Y		26.8			23.4 ~~23.9~~	
18	W		28.2			24.8 ~~25.3~~	
19	R	10:04	29.0		~~2.9~~ 3.4	25.6 ~~26.1~~	End
280	+65						
1	R	10:16	29.5		~~2.9~~ 3.5	26.0 ~~26.6~~	Going in —
2	Y		28.0			24.5 ~~25.1~~	
3	W		26.3			22.8 ~~23.4~~	
4	R	10:20	25.3		~~3.0~~ 3.5	21.8 ~~22.3~~	
~~5~~	~~Y~~		~~24.0~~				
5	W		22.3			18.8 ~~19.3~~	
6	R	10:23	21.2		~~3.0~~ 3.5	17.7 ~~18.2~~	Cont'd on pg. 99.

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. L. K. F. Date 5-20-46

Notes Chkd. LCW Date 5-20-46

Division No. Redondo Area

Job No. P412

Survey of Beach Erosion - Redondo Area

Survey by Kleineck Notes Hobson 5-17-46

Indexed by C. Johnson Date

278 +65 Boat

280 +65 Boat

F.B. 1184 Pg. 98

Form 307 5M 5-39

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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
280+65 (cont.)					3.5		Cont'd from pg. 98
7	Y		20.0		—	16.5 ~~17.0~~	
8	W		18.2			14.7 ~~15.2~~	
9	R	10:25	16.8		~~3.8~~ 3.5	13.3 ~~13.8~~	
10	Y		14.8			11.3 ~~11.8~~	
11	W		12.8			9.3 ~~9.8~~	
12	R	10:27	11.0		~~9.0~~ 3.5	7.5 ~~8.0~~	
13	Y		9.2			5.7 ~~6.2~~	
14	W		5.8			2.3 ~~2.8~~	End
282+65							
1	R	11:27	4.0		3.3 ~~2.9~~	0.7 ~~1.1~~	Going out
2	Y		5.0			1.7 ~~2.1~~	
3	W		8.2			4.9 ~~5.3~~	
4	R	11:29	8.2		3.3 ~~2.8~~	4.9 ~~5.4~~	
5	Y		9.5			6.2 ~~6.7~~	
6	W		11.5			8.2 ~~8.7~~	
7	R	11:32	14.0		3.3 ~~2.8~~	10.7 ~~11.2~~	
8	Y		15.2			11.9 ~~12.4~~	
9	W		16.0			[illegible]	Cont'd on pg. 100

Profile No. ____ Date 5-20-46 Notes Chkd. LCW Date 5-20-46 Notes Red. L. K. F. Plotted ____ Date ____ Job No. 8412 Division No. ____ Survey of Beach Erosion - Redondo Area Survey by Kleinecke Notes [illegible] Date 5-17-46 Map No. ____ Date ____ Job No. C. Johnson Date ____

280+65 Boat
282+65 Boat
South [illegible]

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#	STATION Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
282	+65 (Cont.)						Cont'd from pg. 99
10	R	11:36	17.3		~~2.8~~ 3.3	14.0 ~~14.5~~	
11	Y		19.0			15.7 ~~16.2~~	
12	W		20.0			16.7 ~~17.2~~	
13	R	11:38	20.3		~~2.8~~ 3.3	17.0 ~~17.5~~	
14	Y		21.0			18.7 ~~18.2~~	
15	W		22.0			18.7 ~~19.0~~	
16	R	11:43	22.0		~~2.8~~ 3.3	18.7 ~~19.2~~	
17	Y		23.0			19.7 ~~20.2~~	
18	W		24.5			21.2 ~~21.7~~	
19	R	11:47	25.0		~~2.8~~ 3.2	21.8 ~~22.2~~	
20	Y		26.0			22.8 ~~23.2~~	
21	W		27.0			23.8 ~~24.2~~	
22	R	11:54	27.0		~~2.7~~ 3.2	23.8 ~~24.3~~	
23	Y		29.2			26.0 ~~26.5~~	End
284	+65						
1	R	12:07	29.5		~~2.7~~ 3.1	26.4 ~~26.8~~	Going in
2	Y		25.3			22.2 ~~22.6~~	
3	W		24.5			21.4 21.8	Cont'd on pg 101

282+65 Boat
284+65 Boat
So.

F.B. [illegible] Pg. 100 Job No. 8412 Division No. Notes Red. L. K. F. Plotted Profile
Survey of Beach Erosion - Redondo Area Date 5-20-46 Date No.
Survey by Kleinock Notes Hobson 5-17-46 Notes Chkd. LCW Checked X-Sec.
Inspector C. Johnson Date Date 5-20-46 Date No.

Form 307 5M 5-39

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STATION		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks
284	+65 (cont.)							Cont'd from pg. 100
4	R	12:13	22.3		~~2.6~~ 3.1	~~19.7~~ 19.2		
5	Y		20.8			17.7 ~~18.2~~		
6	W		19.3			16.2 ~~16.7~~		
7	R	12:16	17.5		~~2.6~~ 3.1	~~14.9~~ 14.4		
8	Y		15.3			~~12.7~~ 12.2		
9	W		14.4			~~11.8~~ 11.3		
10	R	12:19	12.5		~~2.6~~ 3.1	~~9.9~~ 9.4		
11	Y		9.5			6.4 ~~6.9~~		
12	W		7.8			4.7 ~~5.2~~		
13	R	12:20	6.0		~~2.5~~ 3.0	~~3.5~~ 3.0		End
286	+65							
1	R	12:28	5.5		~~2.5~~ 3.0	~~3.0~~ ~~3.5~~ 2.5		Going out
2	Y		7.0			~~4.5~~ 4.0		
3	W		9.0			~~6.5~~ 6.0		
4	R	12:30	11.4		3.0 ~~2.5~~	~~8.9~~ 8.4		
5	Y		12.5			~~10.0~~ 9.5		
6	W		13.5			~~11.0~~ 10.5		
7	R	12:32	16.0		3.0 ~~2.5~~	~~13.5~~ 13.0		Cont'd on pg. 102

Profile No. ____ Notes Red L. R. F. Plotted ____ Job No. 8412 Division No. ____
X-Sec. No. ____ Date ____ Notes Chkd. L.C.W. Checked ____ Date 5-20-46 Survey of Beach Erosion - Redondo Area
Date 5-20-46 Survey by Klepeck Notes Hobson Date 5-17-46
Map No. ____ Indexed C. Johnson Date ____

284+65
286+65

Form 307 5M 5-39

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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
286	+65 (Cont.)				3.0		Cont'd from pg. 101
8	Y		17.0			14.0 ~~14.5~~	
9	W		17.5			14.5 ~~15.0~~	
10	R	12:34	18.8		3.0 ~~2.5~~	15.8 ~~16.3~~	
11	Y		20.0			17.0 ~~17.5~~	
12	W		21.0			18.0 ~~18.5~~	
13	R	12:38	22.0		2.9 ~~2.4~~	19.1 ~~19.6~~	
14	Y		22.0			19.1 ~~19.6~~	
15	W		24.0			21.1 ~~21.6~~	
16	R	12:45	25.0		2.9 ~~2.4~~	22.1 ~~22.6~~	
17	Y		25.0			22.1 ~~22.6~~	
18	W		25.5			22.6 ~~23.1~~	
19	R	12:52	28.2		2.8 ~~2.3~~	25.4 ~~25.9~~	End
288	+65						
1	R	1:02	28.8		2.7 ~~2.2~~	26.1 ~~26.6~~	Going in
2	Y		25.0			22.3 ~~22.8~~	
3	W		23.0			20.3 ~~20.8~~	
4	R	1:06	21.2		2.7 ~~2.2~~	18.5 ~~19.0~~	
5	Y		19.5			16.8 ~~17.3~~	Cont'd on pg. 103

286 + 65 Boat
288 + 65 Boat
50.

F.B. 1184 Pg. 102 Job No. 8412 Division No. Notes Red. E.K.F. Plotted Profile
Survey of Beach Erosion - Redondo Area Date 5-20-46 Date No.
Survey by Kleineck Notes Hobson 5-17-46 Notes Chkd. L.C.W. Checked X-Sec.
Indexed By C. Johnson Date 5-20-46 Date No.

Form 307 SM 5-39

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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	
288	+65 (cont.)				2.7		Cont'd from pg 102.	
6	W		17.8			15.1 ~~15.6~~		
7	R	1:08	16.2		2.7 ~~2.2~~	13.5 ~~14.0~~		
8	Y		14.0			11.3 ~~11.8~~		
9	W		12.8			10.1 ~~10.6~~		
10	R	1:10	11.0		2.6 ~~2.1~~	8.4 ~~8.9~~		
11	Y		9.2			6.6 ~~7.1~~		
12	W		7.4			4.8 ~~5.3~~		
13	R	1:11	5.5		2.6 ~~2.1~~	2.9 ~~3.4~~		

Profile No. ____ Notes Rod L. K. F. Plotted ____ Job No. 8412 Division No. ____ F B. 1184 Pg. ____
X-Sec. No. ____ Date 5-20-46 Date ____ Survey of Beach Erosion - Redondo Area
Notes Chkd L.C.W. Checked ____ Survey by Kleineck Notes Hobson Date 5-17-46
Date 5-20-46 Date ____ Map No. ____ Inv. C. Johnson Date ____

288+65 Bad So.

P.B. 1192 Pg. 104 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.

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Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.
0	Color Tine	Mass. Depth	Bottom	Ht. Tide
				441 Depth
				[illegible]

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 On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
290+65	5-16	1	R	1153	76 00	Range Line ∡ 76°01' Note This
		2	Y		77 00	Sta. on 2' offset to R. of line
		3	Y		74 00	
		4	W		76 05	
		5	W		75 55	
		6	R	[illegible]8	74 10	
		7	Y		74 10	
		8	Y		77 40	
		9	W		73 55	
		10	W		75 50	
		11	R	1204	76 20	
		12	Y		74 55	
		13	Y		74 40	
		14	W		76 30	
		15	W		76 30	End.

Profile No. ____ Date ____ Job No. ____ Division No. ____
Survey of Beach Erosion Reconstruction
Survey by [illegible] Notes [illegible]
Map No. ____ Indexed by C. Johnson 12-[illegible]

290+65
Range Line

F.B. 1184 Pg. 106 | Job No. 847 | Division No. | Notes Red. | Plotted | Profile

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

Survey by Meineck | Notes GWK | 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 8-48

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		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
Pt. "Y"	317	1	R	11 52	260° 55'	Range 290+65	
		2	Y		260 40	Going Out	
		3	Y		258 25		
		4	W		251 45	Note: For position of Pt. "Y"	
		5	W		249 05	See F.B. 589-32	
		6	R	11 57	248 45		
		7	Y		240 50		
		8	Y		232 00		
		9	W		225 55		
		10	W		218 50		
		11	R	12 03	218 15		
		12	Y		212 10		
		13	Y		208 45		
		14	W		203 15		
		15	W		202 20		

290+65
Cut In

Profile No. ___ Date ___ Notes Red. ___ Plotted ___ Date ___ Job No. ___ Division No. ___ Survey of Beach Erosion-Redondo to Survey by [illegible] Date [illegible] Notes Chkd. ___ Checked ___ Date ___ Map No. ___ Indexed ___ Date ___ Sec. ___ Sec. ___ No. ___ 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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	

F.B. [illegible] Pg. 108

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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
Station 290+65							Range Line 290+65
1	R	11:52	7.0 9.5	7.8	1.9	~~6.9~~ 5.9	
2	Y		8.5 10.2	9.1		7.2 ✓	
3	Y		9.5 10.2	9.7		7.8 ✓	
4	W		10.7 12.0	11.1		9.2 ✓	
5	W		12.5 15.0	13.3		11.4 ✓	
6	R	11:57	13.4 15.5	14.1	1.8	12.3 ✓	
7	Y		14.7 17.0	15.5		13.7 ✓	
8	Y		16.3 19.0	17.2		15.4 ✓	
9	W		18.7 20.0	19.1		17.3 ✓	
10	W		19.9 21.8	20.5		18.7 ✓	
11	R	12:04	21.5 24.0	22.3	1.8	20.5 ✓	
12	Y		23.6 25.2	24.1		22.3 ✓	
13	Y		25.0 27.0	25.7		23.9 ✓	
14	W		26.0 28.8	26.9		25.1 ✓	
15	W		28.7 30.0	29.1		27.3 ✓	

Boat

290+65 S

Profile No. ____ Notes Red. FE Plotted ____ Job No. 8412 Division No. ____
Date ____ Date 7-16/46 Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. LCW Checked ____ Survey by Meiners Notes Hobson Date 6-11-46
Date 8-19-46 Date ____ Map No. ____ Indexed C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No.

Job No.

Survey of

Survey by Notes

Indexed A. C. Johnson Date

F.B. [illegible] PG. 110

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	B. S.	H. I.	F. S.	ELEV.		
290+65					This sta on 2' Offset to right - dist's are from true line	
	2.24	9.90		7.66	T.P. on pg. 35	
			+7.0	16.9	19' L. Top rock riprap	
			7.8	2.1	7' R. - toe rock rip	
			8.8	1.1	29' R. beach	
			9.7	0.2	53' R. - water	
			10.7	-0.8	67' R. "	
			11.9	-2.0	87' R. "	
			12.4	-2.5	107' R "	
			14.6	-4.7	121 R "	

Range Line ∡ = 76°01' 290+65
F.S. = 5-16" Inshore

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 Meinick Notes GWK Date 5-23-
Date ____ Date ____ Map No. ____ Indexed C. Johnson

F.B. 1184 Pg. 112 | Job No. 8442 | Division No. | Notes Red. | Plotted | Profile
Survey of Beach Erosion - Redondo | Date | Date | No.
Survey by Klaineck | Notes GAK 5-23-46 | Notes Chkd. | Checked | X-Sec.
Indexed A. C. Johnson | Date | Date | Date | No.

292+65
~~Range Line~~ Inshore
See F.B. 1284-31
for ~~re-run~~ add'l. data

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.	
292+65	266	1639		1[illegible]13	From pg. 15
			+12	116	21' L. Top rock riprap.
			46	[illegible]	0.0' (E) on " " "
TP	352	844	1147	492	
			79	05	22' R. - toe rock riprap.
			85	-01	48' R. - water
			100	-[illegible]	76' R. - "
			105	-[illegible]	94' R. - "
			125	-11	114' R. - "

Range Line ∡ = 76°01
F.S. on "5-16"

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
292+65	5-16	1	R	10.04	76.10	Range Line ∡ 76°01, F.S. on 5-16'
		2	Y		72.40	
		3	Y		75.50	
		4	W		78.20	
		5	W		75.25	
		6	R	10.11	76.40	
		7	Y		76.45	
		8	Y		75.45	
		9	W		73.10	
		10	W		78.00	
		11	R	10.16	78.10	
		12	Y		76.00	
		13	Y		76.40	
		14	W		76.40	
		15	W		76.40	
		16	R	10.25	76.05	
		17	Y		74.50	End

Range Line

292+65 S

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8442 Division No. ____ F.B. 1182 Pg. 11
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Hemmer Notes Built Date 6-11-46
Date ____ Date ____ Map No. ____ Indexed P. G. Johnson Drawn

F.B. 1184 PG. 114 | Job No. 8412 | Division No. | Notes Red. | Plotted | Profile

Survey of Beach Erosion – Redonda | Date | Date | No.

Survey by Kleinert | Notes GWK – | 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 8-48

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 On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
Pt. Y	517	1	R	10 03	269° 20"	Range 292+65 Going Out
		2	Y		266 55	
		3	Y		262 20	Note: For position of Pt "Y"
		4	W		256 55	See F.B. 589-32.
		5	W		254 50	
		6	R	10 10	250 30	
		7	Y		243 50	
		8	Y		241 10	
		9	W		235 40	
		10	W		229 30	
		11	R	10 16	220 40	
		12	Y		219 10	
		13	Y		209 50	
		14	W		203 30	
		15	W		201 00	
		16	R	10 24	202 10	?
		17	Y		194 05	

292+65 S

See F.B. 1284-33 Cut In for add'l. data

Notes Red. Plotted Job No. 8442 Division No.
Date Date Survey of Beach Erosion - Redondo to Venice
Notes Chkd. Checked Survey by Merwick Notes Chkd. Date
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.

Job No. _____ Division No. _____ Notes Fed. _____ Date _____ Notes Chkd. _____ Date _____ Plotted _____ Date _____ Checked _____ Date _____ Profile No. _____ X-Sec. No. _____

Survey of _____ Notes _____

Survey by _____ Date _____

Indexed _____

FB _____ Pg. _____

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. Sight At On	#	Co Hor	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 7-16-46 Plotted _____ Job No. _____ Division No. _____
X-Sec. No. _____ Notes Chkd. Date _____ Checked _____ Survey of Branch Canyon - Redondo
Date 8-19-46 Date _____ Survey by Hamner Notes Hoke 2 Date 6-14-46
Map No. _____ Indexed _____ Job Book _____

STATION	B. S.	H. I.	F. S.	ELEV.			
# Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks
Station 292+65						Range Line 292+65	
1 R	10:04	7.8	84	2.6	5.8 ✓		
2 Y		9.5	89		6.3 ✓		
3 Y		10.5	100		7.4 ✓		
4 W		11.0	107		8.1 ✓		
5 W		11.5	118		9.2 ✓		
6 R	10:10	12.5	118	2.6	9.2 ✓		
7 Y		13.0	136		11.0 ✓		
8 Y		14.8	143		11.7 ✓		
9 W		15.5	157		13.1 ✓		
10 W		17.0	166		14.0 ✓		
11 R	10:16	17.8	183	2.5	15.8 ✓		
12 Y		19.2	198		17.3 ✓		
13 Y		21.0	212		18.7 ✓		
14 W		22.5	235		21.0 ✓		
15 W		24.7	254		22.9 ✓		
16 R	10:24	25.4	259	2.5	23.4 ✓		
17 Y		27.8	285		26.0 ✓	Finish	
18							

Reel Fort Address Date 5-6-46 FB 1264-65

292+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.

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 ____

STATION	B. S.	H. I.	F. S.	ELEV.		REMARKS
# Color	Time	Mean Depth	Bottom	Tide Ft.	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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks R.L. 294+75
						outside of Horseshoe Pier.
POT. A⊥ on Range Line 294+75	Pt. "A" on Range Line 294+75	1	R	7.54	172.30	Range Line ∡ = 180° at POT-A⊥ F.S. on "A"
		2	Y		170.50	" " ∡ at Pt. "A" = 86°37 F.S. on "S-17"
		3	Y		170.00	Note: For points "A" & "POT-A⊥"
		4	W		170.10	See pg. 5.
		5	W		171.00	
		6	R	8.00	172.10	
		7	Y		177.30	
		8	Y		176.20	
		9	W		176.50	
		10	W		180.50	
		11	R	8.07	178.30	
		12	Y		177.00	
		13	Y		178.00	
		14	W		179.30	
		15	W		181.20	
		16	R	8.12	181.05	
		17	Y		179.10	
		18	Y		180.00	End

294+75 S

Range Line

Add'l data F.B. 1284-32

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8442 Division No. ____ F.B. [illegible]

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

Notes Chkd. ____ Checked ____ Survey by Meiners Notes Gwk Date 6-11-46

Date ____ Date ____ Map No. ____ Indexed C. Johnston

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. 118 PG. 120

Job No. 8412 Division No.

Survey of Beach Erosion - Redondo

Survey by Kleinack Notes GWK

Indexed 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 A.M.	Hor. Ang.	Remarks	
300+65	S-18	1	R	7 53	154° 10'	GOING	OUT
		2	Y		151 10	RANGE	294+75
		3	Y		148 05		
		4	W		145 10		
		5	W		141 30		
		6	R	8 00	141 20		
		7	Y		139 55		
		8	Y		137 10		
		9	W		136 35		
		10	W		136 40		
		11	R	8 07	135 00		
		12	Y		133 30	Should be 2 Yellows	Shot Missed
		14 ~~13~~	W		132 05		
		15 ~~14~~	W		132 10		
		16 ~~15~~	R	8 12	131 20		
		17 ~~16~~	Y		130 15		
		18 ~~17~~	Y		128 40		

294+75 S
Cut In
Add'l. data F.B. 1284-34

Profile No. Notes Red. Plotted Date Job No. 24/12 Division No. Date
X-Sec. No. Date Notes Chkd. Checked Date Survey of BEACH EXCISION - REDONDO Date
No. Date Date Map No. Survey by R. KLEINER & Notes W.D.A. Date 6-14-34
Indexed C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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. [illegible] Pg. 122

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
Station 294+75							Range Line 294+75
1	R	7:53	9.8 / 11.2	103 ✓	3.4	6.9 ✓	
2	Y		11.3 / 13.0	119 ✓		8.5 ✓	
3	Y		12.2 / 13.8	127		9.3 ✓	
4	W		14.0 / 15.5	145		11.1 ✓	
5	W		15.0 / 16.8	156		12.2 ✓	
6	R	8:00	15.5 / 17.0	160	3.4	12.6 ✓	
7	Y		16.8 / 18.8	175		14.1 ✓	
8	Y		18.0 / 19.8	186		15.2 ✓	
9	W		19.0 / 20.5	195		16.1 ✓	
10	W		20.0 / 21.5	205		17.1 ✓	
11	R	8:06	20.5 / 22.0	210	3.4	17.6 ✓	
12	Y		21.0 / 23.0	217		18.3 ✓	
13	Y		23.0 / 24.2	234		20.0 ✓	
14	W		23.5 / 26.0	243		20.9 ✓	
15	W		25.0 / 27.0	257		22.3 ✓	
16	R	8:12	26.0 / 27.3	264	3.4	23.0 ✓	
17	Y		27.0 / 28.5	275		24.1 ✓	
18	Y		29.5 / 31.0	300		26.6 ✓	

Add'l data FB 1284-36 Boot

294+75 S

Profile No. ____ Notes Red. H. Plotted ____ Date 7-16-46 Date ____
X:Sec. No. ____ Notes Chkd. RCW Checked ____ Date 8-19-46 Date ____
Job No. 8412 Division No. ____
Survey of Beach Erosion - Redondo
Survey by Meneck Notes Hobson Date 6-11-46
Map No. ____ Indexed C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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 ____

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

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.

33

STATION	B. S.	H. I.	F. S.	ELEV.		
294+75	516	2460		1944	→ From pg. 15 Sta. on new Strand walk	
			51	195	5' R. Ed. walk.	
T.P.	291	1782	969	1491		
			8.8	90	5' R Inside edge rock riprap	
			2.6	152	15' R Top of " "	
T.P.	076	672	1186	596		
			44	23	33' R. Toe of rock riprap	
			6.8	-01	63' R. Ed. water	
			86	-19	88' R water	
			90	-23	102' R "	
			100	-33	129' R. "	
			106	-39	143' R.	

Range line ∡ = 86°37' ~~Range~~
F.S. on 5.17' Dashed

294+75 S

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Plaineck Notes Quik Date 5-24-
Map No. ____ Date ____ Date ____ Indexed C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

30

STATION	B. S.	H. I.	F. S.	ELEV.	
296+65	494	2497		2003	- From pg. 15 - (Sta. on new Strand walk)
			49	201	6'R - Ed. Strand walk
			120	130	6'R - On rock riprap
~~T.P.~~			~~1195~~	~~1302~~	
			125	125	18'R. Top rock riprap.
T.P.	039	1341	1195	1302	
T.P.	465	780	1026	315	
			54	21	32'R - Toe rock riprip
			66	12	43'R - Ed. water
			81	-03	61 R - water
			89	-11	78'R. - "
			99	-21	99'R. - "
			110	-32	113'R. - "
			120	-42	121'R - "

Range line ∡ = 86°37'
F.S. on "S-17"

296+65
~~Range line~~
Inshore

Survey of Beach Erosion - Redondo
Survey by Meineck Notes GWK - 5-24-46
Indexed C. Johnson Date
Job No. 8412 Division No.
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	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
296+65	S-17	1	R	726	84.25	Range Line ∡ 86°37' F.S. on S-17
= "B"		2	Y		85.00	
		3	Y		85.00	
		4	W		86.25	
		5	W		87.50	
		6	R	734	87.50	Shift made on acct. of pier. {Last reading on inside
P.O.T.B'	"B"	7	C	845	171.40	Range Line ∡ 180° F.S. on "B" {1st reading on outside of pier
		8	Y		179.00	Note: For points "B" + P.O.T.-B'
		9	Y		171.00	See pg. 5.
		10	W		174.50	
		11	W		180.40	
		12	C	850	181.05	
		13	Y		180.15	
		14	Y		181.40	
		15	W		180.00	End.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 84 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Niemert Notes Chk. Date 6-11-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date

F.B. 1180 Pg. 127

296+65 S
Range Line
For Addtl. data
See F.B. 1284-37

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	#	Colbr	Time	Hor. Ang.	Remarks	

F.B. 1180 Pg. 128

Job No. 8422 Division No.

Survey of Beach Erosion - Redondo

Survey by Kleineck Notes GWK

Indexed Date

Notes Red. Date

Notes Chkd. Date

Plotted Date

Checked Date

Profile No.

X-Sec. 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		B. S.		H. I.	F. S.	ELEV.			
Inst. At	Sight On		#	Color	Time A.M.	Hor. Ang.		Remarks	
300+65	S	18	1	R	7 26	151° 30"		GOING	Out
			2	Y		145 40		RANGE	296+65
			3	Y		140 20			
			4	W		138 00			
			5	W		131 20			
			6	R	7 34	128 40			
Pt "Z"	S	17/7	X	R	8 42	266 50		Going Out	
		8	2	Y		259 45			
		9	3	Y		251 40		Note:- For position of	
		10	4	W		249 20		Pt. "Z" See F.B. 589-32	
		11	5	W		248 55			
		12	6	R	8 49	241 15			
		13	7	Y		235 55			
		14	8	Y		238 00			
		15	9	W		233 20			

296+65 S

Cut In

For Addtl. Data See F.B. 1284-3

Profile No. ___ Notes Red. ___ Plotted ___ Job No. 8 of 12 Division No. ___ of dot

Date ___ Date ___ Survey of BEACH EROSION - REDONDO to venue

X-Sec. No. ___ Notes Chkd. ___ Checked ___ Survey by B. KLINECK Notes R.D.A. Date 6-16-[illegible]

Date ___ Date ___ Map No. ___ Indexed C. Johnson bearing

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. Misc. 130

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
	Station 296+65						Range Line 296+65
1	R	7:26	9.5 10.5	98	3.5	~~6.5~~ 6.3	Going out
2	Y		10.5 12.0	110		7.5	
3	Y		12.8 14.0	132		9.7	
4	W		14.0 15.5	145		11.0	
5	W		17.0 19.0	177		14.2	
6	R	7:33	18.0 19.5	185	3.5	15.0	Shift made acct of pier.
7	R	8:42	18.0 19.0	183	3.2	15.1	Resumed.
8	Y		19.0 20.4	195		16.3	
9	"		20.0 23.5	212		18.0	
10	W		21.5 22.5	218		18.6	
11	"		22.0 23.0	223		19.1	
12	R	8:50	23.5 25.0	240	3.2	20.8	
13	Y		25.0 27.0	257		22.5	
14	Y		27.0 29.0	277		24.5	
15	W		28.0 29.8	286		25.4	Finish

296+65 S

Boat

For Addtl. Data See F.B. 1284-4

Profile No. ____ Notes Red. HE Plotted ____ Date 7-18-46 Notes Chkd. RCW Checked ____ Date 8-19-46 Job No. RE 12 Division No. ____ Survey of Beach Erosion - Redondo Survey by Maineck Notes Hobson Date 6-11-46 Map No. ____ Indexed C. Johnson

F.B. [illegible]

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. _____ X-Sec. No. _____

Plotted _____ Date _____ Checked _____ Date _____

Notes Rad. _____ Date _____ Notes Chkd. _____ Date _____

Job No. _____ Division No. _____

Survey of _____ Notes _____

Survey by _____ Date _____

Indexed _____

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

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 On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
298+65	5-18	~~1~~	~~R~~	~~7 08~~	~~80 30~~	Range ∡ = 80° 31' F.S. on "5-18"
= "C"		1 ~~2~~	R	7 10	80 20	
		2 ~~3~~	Y		80 10	
		3 ~~4~~	Y		80 40	
		4 ~~5~~	W		81 00	
		5 ~~6~~	W		80 40	Inside of Horseshoe Pier
		6 ~~7~~	R	7 40	81 25	{Outside Note "change" for Cut in inst.
		7 ~~8~~	Y		81 30	
P.O.T.-C¹	"C"	8 ~~9~~	R	9 06	177 05	Range ∡ = 180° F.S. on "C"
		9 ~~10~~	Y		182 50	Note: For points "C" & "P.O.T.-C¹"
		10 ~~11~~	Y		185 20	See pg. 5.
		11 ~~12~~	W		174 40	
		12 ~~13~~	W		179 40	
		13 ~~14~~	R	9 16	180 00	
		14 ~~15~~	Y		177 15	End

Addl. data F.B. 12-84-78

Range Line

298+65 S

Profile No. ____ Notes Rad. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meineux Notes Built Date 8-11-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

[illegible] Job No. 8417 Division No. _____ Notes Red. _____ Plotted _____ Profile

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

Survey by Kleineck Notes GWK.— 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	B. S.	H. I.	F. S.	ELEV.		Remarks
~~Inst.~~ Sight At	~~On~~ #	Color	A.M. Time	Hor. Ang.		
294+75	S-17 ~~1~~	~~R~~	~~7.08~~	~~20° 00'~~		RANGE 298+65
	1 ~~2~~	R	7 10	19 10		GOING OUT
	2 ~~3~~	~~Y~~		23 40		
	3 ~~4~~	Y		27 25		
	4 ~~5~~	W		32 00		
	5 ~~6~~	W		35 40		Inside of Horseshoe Pier
300+65	S-18 6 ~~7~~	R	7 40	109 35		Outside " " "
	7 ~~8~~	Y		107 40		
Pt. Y	S-17 8 ~~1~~	R	9.06	75° 50'		Going Out
	9 ~~2~~	Y		82 05		
	10 ~~3~~	Y		87 30		Note: For position of Pt. "Y"
	11 ~~4~~	W		85 25 (9)		See F.B. 589-32
	12 ~~5~~	W		89 40		
	13 ~~6~~	R	9 15	91 30		
	14 ~~7~~	Y		92 40		

Add'l. data F.B. 1284-40

Out 1a

298+65 S

Profile No. Notes Red. Plotted Job No. 8442 Division No.
X-Sec. No. Date Date Survey of Beach Erosion - Redondo
Notes Chkd. Checked Survey by R. Kleinecke Notes R.D.A. Date 6-14-46
No. Date Date Map No. Indexed C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Job No. ____ Division No. ____

Notes ____ Date ____

Survey of ____

Survey by ____

Indexed ____

F.B. [illegible]

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At / Sight 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
Station		298+65					Range Line 298+65
1	R	7:09	5.0 8.0	60 ✓	3.4	2.6 ✓	Going out
2	Y		7.8 9.8	85 ✓		5.1 ✓	
3	Y		9.6 12.0	104 ✓		7.0 ✓	
4	W		11.8 13.4	123 ✓		8.9 ✓	
5	W		13.0 15.0	137 ✓		10.3 ✓	Shift made acct. of pier.
6	R	7:40	17.0 19.5	178 ✓	3.5	14.3 ✓	Resumed
7	Y		19.0 21.0	197 ✓		16.2 ✓	Shift made
8	R	9:07	19.5 21.0	200 ✓	3.1	16.9 ✓	Resumed.
9	Y		21.5 22.5	218		18.7 ✓	
10	Y		23.5 25.2	241		21.0 ✓	
11	W		25.0 26.8	256		22.5 ✓	
12	W		26.0 27.8	266		23.5 ✓	
13	R	9:16	27.5 30.0	283	3.0	25.3 ✓	
14	Y		29.0 31.0	297		26.7 ✓	

Add'l data F.B. 1284-42 Boat

298+65 S

Profile No. ____ Notes Red. HE Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date 7-16-46 Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. Scott Checked ____ Survey by Hemmock Notes Hobson Date 6-11-46
Date 8-19-46 Date ____ Map No. ____ Indexed C. Johnson

F.B. 1284-42

F.B. 1188 Pg. 138 | Job No. _____ Division No. _____ | Notes Red. _____ Date _____ | Plotted _____ Date _____ | Profile No. _____

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

Indexed _____ Date _____

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.			NOTATE
#	Color	Time	Mode Depth	Bottom	Ht. Tide	Adj. Depth	Remarks

FORM 307 2M 8-45

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.

35

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
298+65	4.76	24.93		20.17	From pg. 15 (This sta. on New Strand Walk)
			4.7	20.2	4' R - Ed. walk
			6.2	18.7	4' R - On rock riprap
			6.9	18.0	12' R - Brk - top "
T.P.	2.03	15.27	11.69	13.24	
T.P.	3.70	7.39	11.58	3.69	
			5.5	1.9	38' R - Toe rock - Ed. Water
			7.5	-0.1	63' R - Water
			8.9	-1.5	88' R - "
			10.0	-2.6	113' R - "
			11.2	-3.8	128' R - "
			11.5	-4.1	136' R - "

Range line ∡ = 80°01' Range Line
F.S. on "S-18" onshore
Add'l data F.B. 1284-38

298+65

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 842 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meneck Notes GWH Date 5-24-[illegible]
Date ____ Date ____ Map No. ____ Indexed C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
300+65	495	2504		2009	From pg. 15 - Sta. on new Strand walk.	
			50	200	2,8' R. = Ed. walk	
			150	100	3' R - On rock riprap	
			125	125	14' R. - Top " "	
T.P.	318	1620	1202	1302		
T.P.	176	616	1180	440	R.	
			44	18	35' - Toe rock - Ed. water	
			58	04	65' R - Water	
			76	-14	105' R - "	
			91	-29	121' R - " "	
			95	-33	129' R - "	
			100	-38	139' R - "	

300+65
Inshore

Range line ∡ = 80°31'
F.S. on "5-18"

F.B. 1/8 Pg. 140 Job No. 8412 Division No. Notes Red. Date Plotted Date No. Profile
Survey of Beach Erosion - Redondo Notes Chkd. Date Checked Date No. X-Sec.
Survey by Kleineck Notes GWK - 5-24-46
Indexed A. C. Johnson Date

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 Last At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
300+65	5-18	1	R	649	80 35	Range ∡ 80°31' F.S. on 5-18
= "D"		2	Y		81 40	
		3	Y		81 20	
		4	W		81 30	
		5	W		81 15	
		6	R	700	81 15	
POT-D'	"D"	7	R	926	180 25	Range Line ∡ = 180°00 F.S. on "D"
		8	Y		179 55	Note: For points "D" + "POT-D'"
		9	Y		179 00	See pg. 5.
		10	W		178 55	End.

300+65
Range Line
For Rerun see
P.B. 1284-43

Profile Notes Red. ____ Plotted ____ Job No. 147 Division No. ____
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. Notes Chkd. ____ Checked ____ Survey by Stewart Notes GWK Date 6-11-20
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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

Job No. 8412 Division No.

Survey of Beach Erosion - Redondo

Survey by Kleineck Notes Sub

Indexed Date

FORM 307 [illegible]

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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.		
~~Last~~ Sight At	~~On~~	#	Color	Time AM	Hor. Ang.	Remarks	
294+75	S17	1	R	6 49	26° 15'	RANGE	300+65
		2	Y		30 55	GOING	OUT
		3	Y		28 05		
		4	W		31 50		
		5	W		34 20		
		6	R	7 01	35 50		
Pt. Y	S17	7 ~~1~~	R	9 25	68° 00'	Going	Out
		8 ~~2~~	Y		69 40		
		9 ~~3~~	Y		71 55	Note:- For position of Pt. "Y"	
		10 ~~4~~	W		72 10	See F.B. 589-32.	

300+65
Cut In

For Return See
F.B. 1284-45

Profile Notes Red. ____ Plotted ____ Job No. [illegible] Division No. ____
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo [illegible]
X:Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes R.B. [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] C. Johnson

F.B. 1184 Pg. 144 Job No. 8412 Division No. _____ Notes Red. _____ Plotted _____ Profile _____

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

Survey by Meineck Notes R.B. [illegible] #44 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
	300+65						
1	R	6:48	12.2 13.6	12.7	3.2	9.5 ✓	Going out (Sta. 300+65)
2	Y		16.0 17.0	16.3		13.1 ✓	
3	Y		13.8 15.0	14.2		11.0 ✓	
4	W		17.2 19.2	17.9		14.7 ✓	
5	W		19.4 21.4	20.1		16.9 ✓	
6	R	7:00	22.8 24.8	23.5	3.3	20.2 ✓	
7	R	9:26	23.5 25.0	24.0	3.0	21.0 ✓	
8	Y		24.8 26.5	25.4		22.4 ✓	
9	Y		27.4 29.5	28.1		25.1 ✓	
10	W		28.5 30.0	29.0		26.0 ✓	Finish

300+65
Boat
For Barun
F.E. 1284-47

Notes Nos. 14 Plotted
No. Date 7-16-46 Date
X-Sec. Notes Chkd. Kerr Checked
No. Date 8-19-46 Date
Job No. [illegible]
Survey of [illegible]
Survey by [illegible]
Map No. Indexed A. C. Johnson

F.B. 1180 Pg. 146 Job No. 8412 Division No. _____ Notes Red. _____ Plotted _____ Profile

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

Survey by Kleineck Notes Hobson 6-11-'46 Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV. Ft.				NOTATS
Color	Time	Mong. Depth	Bottom	Tide	Adj. Depth		Remarks	

FORM 307 2M 8-45

FORM 307 2M 9-45

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
302+65	S-19	1	R	12 37	95 00	Range ∡ = 95°00'30" F.S. on S-19
		2	Y		96 50	
		3	Y		95 50	
		4	W		95 40	
		5	W		95 50	
		6	R	12 40	94 50	
		7	Y		95 10	
		8	Y		95 35	
		9	W		97 25	
		10	W		94 50	
		11	R	12 45	97 50	
		12	Y		95 50	
		13	Y		95 15	
		14	W		95 40	
		15	W		97 00	
		16	R	12 50	95 40	
		17	Y		95 50	

302+65
Range Line
For Recup. [illegible]
F.B. 1284-49

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 84N Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleinert Notes GWK Date 6-11-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 1184 [illegible]

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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

F.B. 1184 Pg. 148
Job No 8412 Division No.
Survey of Beach Erosion-Redondo
Survey by Kleineck Notes Gwk.
Indexed Date
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. 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 On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
520	521	1	R	12 36	156° 35"	Range 302+65	Going Out
		2	Y		154 55		
		3	Y		153 20		
		4	W		151 30		
		5	W		150 00		
		6	R	12 39	147 50		
		7	Y		145 20		
		8	Y		143 40		
		9	W		144 20	142.20	
		10	W		142 50		
		11	R	12 44	142 45		
		12	Y		141 05		
		13	Y		140 20		
		14	W		139 40		
		15	W		140 40		
		16	R	12 50	138 25		
		17	Y		138 50		

302+65 S
Cut In
For Bar in
F.B. 1284-51

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Klamack Notes Moore Date 6-11-
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 1184 Pg. [illegible]

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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 ____

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

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.

Profile Notes Red. [illegible] Plotted _____ Job No. 241 Division No. _____
No. _____ Date 1-16-46 Date _____ Survey of Coastal Erosion - Eleanor
X-Sec. Notes Chkd. [illegible] Checked _____ Survey by Tennant Notes [illegible] Date [illegible]
No. _____ Date 8-19-46 Date _____ Map No. _____ Indexed A. C. Johnson

STATION		B. S.	H. I. Meas. Depth	F. S. Bottom	ELEV. Ft. Tide	Adj. Depth	Remarks
#	Color	Time					
Station 302+65							Range Line 302+65
1	R	12:37	6.0 7.0	63	1.8	4.5	
2	Y		7.0 8.2	74		5.6	
3	Y		8.0 9.1	84		6.6	
4	W		9.0 10.3	94		7.6	
5	W		10.0 11.7	106		8.8	
6	R	12:40	11.2 13.8	~~118~~ 110	1.8	~~9.7~~ 10.0	
7	Y		13.5 15.1	140		12.2	
8	Y		15.0 17.0	157		13.9	
9	W		16.8 18.0	167		14.9	
10	W		16.9 18.0	173		15.5	
11	R	12:45	18.0 19.8	186	1.8	16.8	
12	Y		19.0 22.0	200		18.2	
13	Y		20.5 21.7	209		19.1	
14	W		22.8 24.5	234		21.6	
15	W		24.0 25.2	244		22.6	
16	R	12:50	25.0 26.2	254	1.8	23.6	
17	Y		26.2 28.0	268		25.0	
18							
19	Y						

302+65
Body
Fair Beacon
F. B. 1284-53

F.B. 18 Pg. 152

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	Tide	Adj. Depth	Remarks

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.	
302+65	0.59	16.82		16.23	from pg. 16 T.B.M. on sawed off
			7.06	9.76	2x4 marker (New) for (302+65) Filing
			7.2	9.6	5'R. - Beach
			11.1	5.7	32'R. "
T.P.	2.92	8.46	11.28	5.54	
			7.4	1.0	69'R. - Ed water
			9.2	-0.7	124'R. - Water
			10.1	-1.6	142'R. "
			10.8	-2.3	158'R. "
			11.7	-3.2	176'R. "
			*	* *	
		16.82	4.4	12.4	21'L. - beach } Add'tl shots.
			3.8	13.0	75'L. - Edge beach }

Range Line 4 = 90° 00' 35"
F.S. on "5-19"

302+65
Inshore

Profile No. ____ Date ____ Notes Chkd. ____ Date ____ Plotted ____ Job No. 7422 Survey of Beach Erosion - Redondo Survey by Meineck Notes Gulk Date 6-6-40 Map No. ____ Indexed A. C. Johnson Date ____ P.B. 1190

Pg. 154 Job No. 842 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Meineck Notes G.W.K. - 6-6-'46 Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

304+65
Inshore

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.	
304+65	168	1510	09	1.02	From Pt. 16
			17	1.02	18' L. = Edge Bargb.
			32	[illegible]	3' C. Bergh
			42	[illegible]	19' R.
			71	[illegible]	44' R.
			90	[illegible]	55' R.
			955	[illegible]	67' R.
			50	[illegible]	
			75	[illegible]	81' C.
			106	[illegible]	106' C. Ed. water
			107	[illegible]	144' R. water
			114	[illegible]	168' C.
			115	[illegible]	148' R.
				[illegible]	207' R.

TP 328 843

Range Line ∡ = 95°00' 30"
F.S. on "S-19"

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
304+65	5-19	1	R	100	96 00	Range Line ∡ = 95°00'30" F.S. on 5-19
		2	Y		95 40	— One "Y" missed. Should be two.
		4 ~~3~~	W		94 20	
		5 ~~4~~	W		96 55	
		6 ~~5~~	R	107	95 20	
		7 ~~6~~	Y		94 25	
		8 ~~7~~	Y		95 50	
		9 ~~8~~	W		94 45	
		10 ~~9~~	W		95 40	
		11 ~~10~~	R	110	96 05	
		12 ~~11~~	Y		95 00	
		13 ~~12~~	Y		94 30	
		14 ~~13~~	W		95 05	End.

Add'l data F.B. 1284-50

304+65 S
Range Line

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 842 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleinert Notes Gulf Date 6-1
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 1180 p. 156 | Job No. 8417 | Division No. | Notes Red. | Plotted | Profile

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

Survey by Heineck | Notes G.W.K. | 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
5-20	5-21	1	R	1 00	130° 30"	Range 304+65 Coming In
		2	Y		129 35	(?) 131
		3	Y		132 10	
		4	W		132 20	
		5	W		134 40	
		6	R	1 06	135 50	
		7	Y		137 35	
		8	Y		139 10	
		9	W		140 20	
		10	W		142 30	
		11	R	1 10	143 30	
		12	Y		145 55	
		13	Y		149 40	
		14	W		153 20	

Add'l data F.B. 1284-32

304+65 Cut-In

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 842 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleinert Notes Moore Date 6-6-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

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

Survey of ____

Survey by ____

Indexed ____

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight 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
Station 304+65							Range Line 304+65
1	R	1:00	27.5 28.8	27.9	1.8	26.1 ✓	
2	Y		25.3 27.0	25.9		24.1 ✓	
3	Y		23.7 25.2	24.2		22.4 ✓	
4	W		21.5 23.8	22.3		20.5 ✓	
5	W		19.9 21.0	20.3		18.5 ✓	
6	R	1:07	18.5 20.0	19.0	1.8	17.2 ✓	
7	Y		17.0 18.8	17.6		15.8 ✓	
8	Y		16.0 17.9	16.6		14.8 ✓	
9	W		15.0 16.2	15.4		13.6 ✓	
10	W		13.5 15.0	14.0		12.2 ✓	
11	R	1:10	12.3 14.5	13.0	1.8	11.2 ✓	
12	Y		10.5 12.5	11.2		9.4 ✓	
13	Y		9.8 11.2	10.3		8.5 ✓	
14	W		7.5 9.5	8.0		6.2 ✓	

Add'l data F.B. 12-84-54 Boat 304+65

Profile No. ____ Notes Red. HF Plotted ____ Job No. 842 Division No. ____
Date 7-16-46 Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. RCW Checked ____ Survey by Klemmer Notes Hobson Date 6-11-46
Date 8-19-46 Date ____ Map No. ____ Indexed A. C. Johnson

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.

Job No. _____ Division No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ No. _____ X-Sec. _____ No. _____

Survey of _____ Notes _____ Notes Chkd. _____ Checked _____

Survey by _____ Date _____ Date _____ Date _____

Indexed _____ Date _____

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

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 On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
306+65	5-20	1	R	7.17	89.00	Range ∡ = 90°00'	F.J. on "5.20"
		2	Y		89.00		
		3	W		89.40		
		4	Y		89.10		
		5	W		89.00		
		6	R	7.24	89.30		
		7	Y		90.00		
		8	W		90.10		
		9	Y		89.50		
		10	W		89.40		
		11	R	7.32	90.40		
		12	Y		89.40		
		13	W		89.40		
		14	Y		90.30		
		15	W		91.40		

306+65 S
Range Line
~~For Remarks~~
F.B. 1284-55

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. [illegible] Division No. ____
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Depth Erosion - Redondo
Survey by Meinecke Notes Fulk Date 6-12-46
Map No. ____ Indexed A. C. Jordan

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 ____

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

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.

Profile Notes Red. Plotted Job No. 8412 Division No.
No. Date Date Survey of Beach Erosion-Redondo Area
X:Sec. Notes Chkd. Checked Survey by Kleinsteiber Notes Hobson Date 6-12-46
No. Date Date Map No. Indexed C. Johnson

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. Sight							
At	On	#	Color	Time	Hor. Ang.	Remarks	
314+65	SZ					Going in -	(Range 306+65)
		1	R	7:17	140 - 40		
		2	Y		141 - 50		
		3	W		143 - 15		
		4	Y		143 - 20		
		5	W		144 - 40		
		6	R	7:24	146 - 00		
		7	Y		146 - 25		
		8	W		147 - 35		
		9	Y		149 - 35		
		10	W		151 - 00		
		11	R	7:32	152 - 20		
		12	Y		154 - 15		
		13	W		156 - 20		
		14	Y		158 - 10		
		15	W		159 - 50	End of line -	

306+65 S
Cut In
Fd. Book
F.B. 1284-57

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.

Job No. Division No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date

Survey of Notes

Survey by Date

Indexed Date

FB 1110 Pg 164

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At / Sight 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.

Notes Red. HE Plotted _____ Job No. 8412 Division No. _____
No. _____ Date 7-14-46 Date _____ Survey of Beach Strip - Redondo
X Sec. _____ Notes Chkd. EGW Checked _____ Survey by Meinzer Notes Pfau Date 8-12-46
No. _____ Date 8-19-46 Date _____ Map No. _____ Indexed A. C. Johnson

STATION		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks
		306+65						Range Line 306+65
1	R	7:16	28.5	28.9	3.3	25.6	✓	
2	Y		29.8	27.3		24.0	✓	
3	W		26.2	25.4		22.1	✓	
4	Y		25.8	24.4		21.1	✓	
5	W		24.5	23.4		20.1	✓	
6	R	7:24	24.8	21.6	3.3	18.3	✓	
7	Y		21.5	20.0		16.7	✓	
8	W		18.7	19.2		15.9	✓	
9	Y		20.2	17.5		14.2	✓	
10	W		17.4	16.3		13.0	✓	
11	R	7 32	18.0	14.3	3.4	10.9	✓	
12	Y		14.8	13.6		10.2	✓	
13	W		13.1	11.9		8.5	✓	
14	Y		12.8	10.8		7.4	✓	
15	W		10.6	9.1		5.1	✓	
	R							

306+65 ⊙
Boat
Ref. Mon. Line
F.B. 1284-5

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile
Survey of _____ Notes _____ Date _____ Date _____ No. _____ X-Sec.
Survey by _____ Date _____ Notes Chkd. _____ Checked _____ No. _____
Indexed _____ Date _____ Date _____ Date _____

STATION	B. S.	H. I.	F. S.	ELEV.		
# Color	Time	Meas. Depth	Bottom	Ft. 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.	
306+65	0.90	2189		2099	From pg. 16
			0.9	210	7' R. - Ed. Road.
			6.0	159	16' R. - side bank
			9.1	128	27' R. Ed. beach
TP.	0.02	1061	11.30	10.59	
			16	90	66' R. - beach.
			5.2	54	85' R - "
			7.9	27	107' R - "
			9.0	16	129' R - "
			11.0	-0.4	161' R - "
			13.0	-2.4	214' R - "
			14.7	-4.1	220 R - "

Range line ∡ = 90° Inshore
F.S. on 5-20"

306+65 S

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 9412 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo Area
Notes Chkd. ____ Checked ____ Survey by Kleinert Notes Gulk Date 5-22-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson

F.B. 11 [illegible]

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		60'
308+65				1405	From pg. 16	
	103	2008		"		
			12	189	7' R - Top. bank - Ed. Road.	
			59	142	16' R - Ed. Beach.	
			86	115	33' R - Beach.	
			108	93	56' R - "	
T.P.	029	895	1142	866		
			34	56	74' R - "	
			61	29	97' R - "	
			82	08	138' R - Water.	
			95	-05	165' R - "	
			107	-17	184' R - "	
			118	-28	208' R - "	
			125	-35	216' R - "	

Range line ∡ = 90°
F.S. on "S-20"

308+65
Inshore

F.B. 1142 Pg. 168 Job No. 842 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Area Date Date No.
Survey by Hleineck Notes GWK - 5-23-46 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
308+65	5-20	~~1~~	~~R~~	~~756~~	~~89.30~~	Range Line ∡ = 90° F.S. on "5-20"
		1 ~~2~~	R	757	90.20	Going in
		2 ~~3~~	Y		90.05	
		3 ~~4~~	W		88.55	
		4 ~~5~~	Y		90.20	
		5 ~~6~~	W		91.25	
		6 ~~7~~	R	802	90.15	
		7 ~~8~~	Y		90.10	
		8 ~~9~~	W		90.00	
		9 ~~10~~	Y		91.10	
		10 ~~11~~	W		89.50	
		11 ~~12~~	R	808	90.45	
		12 ~~13~~	Y		90.55	
		13 ~~14~~	W		89.15	
		14 ~~15~~	Y		90.00	
		15 ~~16~~	W		89.00	
		16 ~~17~~	R	814	91.10	

Add'l data F.B. 1284-56

308+65 S
Range Line

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 118 No. 169
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meineck Notes GWK Date 6-12-
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 118 Pg. 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 6-45

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	Colbr	Time	Hor. Ang.	
At	On	#			

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
314+65	S21					Going in (Range 308+65)
		~~1~~	~~R~~	~~7:55~~	~~137-35~~	
		1 ~~2~~	R	7:57	137-50	
		2 ~~3~~	Y		138-10	
		3 ~~4~~	W		138-20	
		4 ~~5~~	Y		139-15	
		5 ~~6~~	W		140-00	
		6 ~~7~~	R	8:02	140-05	
		7 ~~8~~	Y		140-50	
		8 ~~9~~	W		141-45	
		9 ~~10~~	Y		143-20	
		10 ~~11~~	W		143-40	
		11 ~~12~~	R	8:08	144-20	
		12 ~~13~~	Y		147-15	
		13 ~~14~~	W		148-05	
		14 ~~15~~	Y		149-30	
		15 ~~16~~	W		150-50	
		16 ~~17~~	R	8:14	154-20	End of line

Add'l data F.B. 1284-58

308+65 S
Cut In

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo Area
No. ____ Notes Chkd. ____ Checked ____ Survey by Kleineck Notes Hobson Date 6-12-58
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. ____

Job No. ____

Survey of ____

Survey by ____ Notes ____

Indexed ____ Date ____

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

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		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks
	308+	65					Range	Line 308+65
1	R	7:56	28.4 30.5	29.1	3.5	25.6 ✓		
2	Y		27.0 28.6	27.5		24.0 ✓		
3	W		26.0 27.8	26.6		23.1 ✓		
4	Y		23.5 25.7	24.2		20.7 ✓		
5	W		21.5 23.8	22.3		18.8 ✓		
6	R	8:02	20.2 22.4	20.9	3.5	17.4 ✓		
7	Y		19.6 21.5	20.2		16.7 ✓		
8	W		17.8 20.0	18.5		15.0 ✓		
9	Y		16.2 18.5	17.0		13.5 ✓		
10	W		15.0 16.8	15.6		12.1 ✓		
11	R	8:08	14.8 17.0	15.5	3.5	12.0 ✓		
12	Y		13.0 14.5	13.5		10.0 ✓		
13	W		12.2 14.8	13.1		9.6 ✓		
14	Y		10.0 13.2	11.4		7.9 ✓		
15	W		9.5 11.7	10.2		6.7 ✓		
16	R	8:13	8.5 10.2	9.1	3.5	5.6 ✓		

Add'l data F.B. 1284-60

308+65 S
Boot

Profile No. ____ Notes Red. [illegible] Plotted ____ Date 7-16-46 Notes Chkd. [illegible] Checked ____ Date 8-19-46 Job No. 8412 Division No. ____ Survey of Beach Erosion - Redondo Survey by Klement Notes Stock Date 6-12-46 Map No. ____ Indexed C. Johnson

F.B. [illegible]

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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 ____

STATION	B. S.	H. I.	F. S.	ELEV.		
# Color	Time	Meas. Depth	Bottom	Ft. 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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
310+65	5-20	1	R	8 21	88 10	Range Line ∡ = 90° F.S. on "5-20"
		2	Y		90 00	
		3	W		90 15	
		4	Y		88 05	
		5	W		88 05	
		6	R	8 26	90 25	
		7	Y		89 05	
		8	W		91 00	
		9	Y		91 00	
		10	W		89 40	
		11	R	8 30	89 10	
		12	Y		90 30	
		13	W		90 10	
		14	Y		89 45	
		15	W		89 25	
		16	R	8 36	90 50	
		17	Y		91 00	
		18	W		90 40	
		19	Y		90 00	
		20	R	8 48	92 15	

310+65 5
Range Line
~~Flat Bar~~
F.B. 1284+61

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Kleinecke Notes Gulk Date 6-12-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 118 No. [illegible]

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. X-Sec. No.

Plotted Date Checked Date

Notes Rel. Date Notes Chkd. Date

Contract No.

Job No. Notes Date

Survey of

Survey by

Indexed

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
314+65	S21					Going out - Range (310+65)
		1	R	8:21	147-10	
		2	Y		145-50	
		3	W		143-20	
		4	Y		139-40	
		5	W		136-25	
		6	R	8:26	137-45 ?	
		7	Y		135-50	
		8	W		134-55	
		9	Y		132-30	
		10	W		131-05	
		11	R	8:30	131-55 ?	
		12	Y		130-40	
		13	W		129-50	
		14	Y		129-15	
		15	W		129-20 ?	
		16	R	8:36	128-20 ?	
		17	Y		128-45	
		18	W		127-25	
		19	Y		128-50	

(over)

310+65 S
Cut In
~~For Rerun~~
F.B. 1284-63

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
Date ____ Date ____ Survey of Beach Erosion - Redondo Area
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Kleineck Notes Hobson Date 6-12-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 1184-[illegible]

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	
314+65	S21					Going out – Range (310+65)	
		20	R	8:48	129-50	End of line –.	

F.B. 178 Pg. 178 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Area Date Date No. X-Sec.
Survey by Kleineck Notes Hobson - 6-12-46 Notes Chkd. Checked
Indexed 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.

Profile Notes Red. 45 Plotted 7/16/46 Job No. 8412 Division No.
No. Date Date Survey of Beach Erosion - Leeward
X-Sec. Notes Chkd. Jour. Checked Survey by Engineer Notes Topo. Drn. by 12-46
No. Date 8-19-46 Date Map No. Indexed C. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.			
# Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks	
310+65					Range Line 310+65		
1 R	8:21	8.2	8.6	3.5	5.1		
2 Y		9.5	9.8		6.3		
3 W		9.0	10.9		7.4		
4 Y		11.3	11.5		8.0		
5 W		10.07	13.3		9.8		
6 R	8:25	12.7	13.6	3.5	10.1		
7 Y		13.0	14.1		10.6		
8 W		14.7	15.1		11.6		
9 Y		13.5	16.7		13.4		
10 W		15.2	18.6		15.1		
11 R	8:31	15.8	18.8	3.5	15.3		
12 Y		16.0	19.6		16.1		
13 W		18.8	21.2		17.7		
14 Y		18.2	21.5		18.0		
15 W		18.5	23.0		19.5		
16 R	8:36	18.1	24.4	3.5	20.9		
17 Y		20.1	25.5		22.0		
18 W		19.1	26.7		23.2		
19 Y		20.5	27.7		24.2		

310+65 Boat
Fort Point
F.P. 1284+68

(Extend by 180)

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	Ft. Tide	Adj. Depth	Remarks
20	R	8 48	28.0 30.2	28.7	3.5	25.2	

F.B. 1184 Pg. 180 Job No. 8412 Division No. Notes Red. FE Plotted Profile
Survey of Beach Erosion - Redondo Date 7-17-46 Date No.
Survey by Meineck Notes Stack 6-12-'46 Notes Chkd. RCW Checked X-Sec.
Indexed A. C. Johnson Date Date 8-19-46 Date No.

Form 307 5M 5-39

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.	
310+65	2.07	20.24		18.17	From pg. 16
			2.22	18.02	7' R - Edge paved Road
			7.1	13.1	17 R - Toe
			9.6	10.6	22' R - Toe back
T.P.	1.13	9.44	11.83	8.41	
			2.0	7.4	50' R - beach
			5.9	3.5	75' R - "
			10.6	-1.2	104' R - water
			10.5	-1.1	129' R - "
			11.0	-1.6	164' R - "
			12.5	-3.1	211' R - "
			14.3	-4.9	220' R - "

Range line ∡ = 90° Inshore
F.S. on "5+20"

310+65 S

Project Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1184 Page ____
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. Notes Chkd. ____ Checked ____ Survey by Kleineck Notes Gulf Date 6-6-'45
No. ____ Date ____ 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	B. S.	H. I.	F. S.	ELEV.		
312+65	2 58	1 92		[illegible]	[illegible]	
			2 8	[illegible]	8' R - Edge road	
			4 8	15 1	14' R - Brk - Top wall	
			7 8	12 1	14' R - " - bot " - Ed. beach	
			10 7	9 2	36' R - beach	
T.P.	1 38	9 48	11 82	8 10		
			4 3	5 2	61' R - "	
			7 6	9	85' R - water	
			10 7	-1 2	105' R - "	
			10 9	-1 4	118' R - "	
			10 7	-1 2	131' R - "	
			10 2	-0 7	146' R - "	
			11 0	-1 5	173' R - "	
			12 0	-2 5	193' R - "	

312+65
Inshore

Range line ∡ = 85°52'
F.S. on "S-21"

B. 1184 Pg. 182 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Kleineck Notes GWK - 6-6-46 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
312+65	"S-21"	1	R	9.19	85 30	Range Line ∡ = 85°52' F.S. on "S-21"
		2	Y		85 30	
		3	W		85 00	
		4	Y		87 35	
		5	W		88 30	
		6	R	9.31	86 20	
		7	Y		87 05	
		8	W		87 15	
		9	~~W~~ Y		88 15	
		10	~~Y~~ W		86 25	
		11	R	9.37	85 15	
		12	Y		85 30	
		13	W		85 50	
		14	Y		86 20	
		15	W		87 00	
		16	R	9.40	90 20	
		17	Y		85 35	
		18	W		86 20	
		19	Y		88 15	

Add'l data F.B. 1284-62

312+65 S
Range Line

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1412 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Wleneck Notes Gulk Date 6-12-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 1184

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. ____

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

Survey of ____ Notes ____ Date ____ Date ____

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____

Indexed ____ Date ____ Date ____ Date ____

F.B. Misc. 124

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

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 On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
322+00	S22					Going in Range (312+65)
		1	R	9:20	147-10	
		2	Y		148-30	
		3	W		147-20	
		4	Y		147-20	
		5	W		147-40	
		6	R	9:31	148-50	
		7	Y		148-50	
		8	W		149-45	
		9	Y		150-50	
		10	W		151-45	
		11	R	9:38	150-50	
		12	Y		152-15	
		13	W		153-00	
		14	Y		153-45	
		15	W		154-45	
		16	R	9:40	157-10	
		17	Y		158-20	
		18	W		159-30	
		19	Y		161-25	End of line

For Add'l data see FB1284-64

312+65 Cut In

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8512 Division No. ____
X:Sec. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo Area
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes Hobson Date 6-12-
No. ____ Date ____ Date ____ Map No. ____ Indexed A. 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.

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 _____

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At / Sight 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	9 19	29.0 31.8	298	3.4	26.4 ✓	Range 312+65 Coming In
2	Y		27.8 29.5	284		25.0 ✓	
3	W		27.8 30.2	28.6 ~~28.3~~		~~24.9~~ 25.2	
4	Y		27.0 29.8	279		24.5 ✓	
5	W		26.0 28.8	269		23.5 ✓	
6	R	9 31	24.2 25.3	246	3.4	21.2 ✓	
7	Y		23.0 24.8	236		20.2 ✓	
8	W		21.0 24.6	222		18.8 ✓	
9	Y		21.0 24.2	221		18.7 ✓	
10	W		20.6 21.7	210		17.6 ✓	
11	R	9 37	18.0 19.8	186	3.3	15.3 ✓	
12	Y		17.0 19.2	177		14.4 ✓	
13	W		16.0 18.1	167		13.4 ✓	
14	Y		15.0 18.6	162		12.9 ✓	
15	W		13.5 15.4	141		10.8 ✓	
16	R	9 42	12.2 14.4	129	3.3	9.6 ✓	
17	Y		11.0 13.5	118		8.5 ✓	
18	W		10.1 12.2	108 ~~10.0~~		~~7.2~~ 7.5	
19	Y		8.5 10.5	92		5.9 ✓	

For Add'l data see FB 1284-66

312+65 Boat

Profile No. ____ Notes Red. FE Plotted ____ Date 7-16-46 Job No. [illegible] Division No. ____ Survey of [illegible] Extension - Redondo

X:Sec. No. ____ Notes Chkd. [illegible] Checked ____ Date 8-19-46 Survey by [illegible] Notes [illegible] Date [illegible]

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

F.B. [illegible]

F.B. 1184 Pg. 188 | 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.	Adj. Depth	Remarks
#						
Color						
Time						
Meas. Depth						
Bottom						
Tide						

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	
314465	5-21	1	R	9.52	86.20	Range Line ∡ = 85°52' F.S. on "5-21"	
		2	Y		86.40		
		3	W		86.10		
		4	Y		85.40		
		5	W		85.00		
		6	R	9.55	85.00		
		7	Y		87.10		
		8	W		87.05		
		9	Y		87.55		
		10	W		86.55		
		11	R	10.00	84.40		
		12	Y		87.00		
		13	W		87.05		
		14	Y		87.00		
		15	W		86.50		
		16	R	10.04	86.35		
		17	Y		87.25		
		18	W		88.00		
		19	Y		87.25		
		20	W		85.00		

314+65 S
Range Line
For Re-Run
F.B. 1284-67

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Bernardo Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleinecke Notes GWK Date 6-12-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. [illegible]

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
314465	"S-21"	21	R	1015	8620	Contd	
		22	Y		8420		
		23	W		8550		
		24	Y		8830		
		25	W		8615		
		26	R	1022	8620		
		27	Y		8620		
		28	~~W~~ Y		8655		
		29	W		8550		
		30	Y		8510		
		31	R	1026	8630		
		32	Y		8700		
		33	W		8610		
		34	Y		8350		

F.B. 118 Pg. 190 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date No. X-Sec.
Survey by Blemeck Notes Chkd. Checked
Indexed A. 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 On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
322+00	S22					Going out - Range (314+65)
		1	R	9:52	158-30	
		2	Y		157-10	
		3	W		152-10	
		4	Y		150-50	
		5	W		149-30	
		6	R	9:56	148-40	
		7	Y		147-10	
		8	W		144-55	
		9	Y		144-35	
		10	W		143-55	
		11	R	10:00	142-25	
		12	Y		142-50	
		13	W		141-50 ✓	
		14	Y		140-55 ○	
		15	W		141-20 ✓	
		16	R	10:05	140-55 ○	
		17	Y		141-25 ✓	
		18	W		141-00 ✓	
		19	Y		140-25 ○	

(over)

314+65 S
Cut In
For Rarin
F.B. 1284-69

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8612 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo Area
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes Hobson Date 6-12-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
322+00	522					Going out - Range (314+65)	
		20	W		139- 05	x	
		21	R	10:15	140- 10	o	
		22	Y		140- 20	o	
		23	W		139- 00	x	
		24	Y		140- 20	o	
		25	W		138- 50	*	
		26	R	10:22	138- 30	*	
		27	Y		138- 05	*	
		28	Y		138- 05	*	
		29	W		136- 45		
		30	Y		135- 50		
		31	R	10:26	136- 55		
		32	Y		136- 15		
		33	W		138- 50	*	
		34	Y		134- 40		
		~~35~~	~~R~~	~~10:30~~	~~135- 50~~	End of line	

314+65 Cut-in.

F.B. 1184 c. 192 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Area Date Date No. X-Sec.
Survey by Kleineck Notes Hobson 6-12-46 Notes Chkd. Checked
Indexed A. C. Johnson Date Date No.

FORM 307 SM 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.

Profile No. _____ Notes Red. LE Plotted _____
Date _____ Date _____ Job No. 2442 Division No. _____
X-Sec. _____ Notes Chkd. LCW Checked _____ Survey of Regatta Estates Tract Notes _____
Notes _____ Date 8-19-48 Date _____ Survey by Leland Notes Date 8-19-48
Date _____ Map No. _____ Indexed A. C. Johnson

STATION		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks
						5.5		
1	R	9 52	8.0 10.0	8.7	3.2	Rudja 314465		going out
2	Y		8.0 10.0	8.7		5.5		
3	W		9.6 11.6	10.2		7.0		
4	Y		11.0 12.5	11.5		8.3		
5	W		12.4 13.8	12.9		9.7		
6	R	9 56	13.2 15.2	13.9	3.2	10.7		
7	Y		14.8 16.2	15.3		12.1		
8	W		16.0 19.5	17.2		14.0		
9	Y		17.5 20.0	18.3		15.1		
10	W		19.5 22.7	20.6		17.4		
11	R	10 00	20.0 22.0	20.7	3.2	17.5		
12	Y		21.5 24.0	22.3		19.1		
13	W		23.8 26.0	24.5		21.3		
14	Y		25.0 28.0	26.0		22.8		
15	W		27.0 29.5	27.8		24.6		
16	R	10 04	28.1 30.0	28.7	3.2	25.5		
17	Y		26.0 29.3	27.1		23.9		
18	W		28.0 30.0	28.7		25.5		
19	Y		30.0 33.5	31.2		28.0		
20	W		30.8 34.3	31.9		28.7		

Boat F.B. 1284-7

314465

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	Ft. Tide	Adj. Depth	Remarks
21	R	10-15	30.0 32.0	30.7	3.1	27.6	Range 314+65 going out
22	Y		34.0 35.5	34.5		31.4	
23	W		35.0 37.5	35.8		32.7	
24	Y		38.5 41.0	39.3		36.2	
25	W		39.0 41.0	39.7		36.6	
26	R	10-22	40.0 42.0	40.7	3.0	37.7	
27	Y		41.0 42.5	41.5		38.5	
28	Y		44.0 46.0	44.7		41.7	
29	W		45.0 48.0	46.0		43.0	
30	Y		46.1 48.8	47.0		44.0	
31	R	10-26	48.0 50.2	48.7	3.0	45.7	
32	Y		49.0 51.0	49.7		46.7	
33	W		51.5 53.5	52.2		49.2	
34	Y		53.8 54.0	53.9		50.9	

314+65 Boat.

Profile No. X-Sec. No.

Job No. 8412 Division No. Notes Red. HE Plotted
Survey of Beach Erosion - Redondo Date 7-17-46 Date
Survey by Heineck Notes Chkd. LAW Checked
Indexed A. C. Johnson Date 8-19-46 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

50'

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.		
314+65	2.54	19.91		17.37	From pg. 16	
			2.9	17.0	10' R. - Ed. Road	
			4.8	15.1	17' R. - Brk - Top wall	
			7.5	12.4	17' R. - " - Bot.	" - Ed. Beach
			8.9	11.0	25' R. - Beach	
			10.5	9.4	39' R. - "	
T.P.	2.42	10.47	11.86	8.05		
			7.3	3.2	82' R. - Ed. water	
			11.9	-1.4	112' R. - water	
			11.4	-0.9	153' R. - "	
			12.0	-1.5	190' R. - "	
			13.0	-2.5	214' R. - "	
			14.0	-3.5	230' R. - "	

Range line ∡ = 85°52' Inshore
F.S. on #5.20"

314+65 S

Notes Kept _____ Plotted _____ Job No. 8412 Division No. _____ F B 1184 Pg. 5
No. _____ Date _____ Date _____ Survey of Beach Erosion - Redondo
X-Sec. Notes Chkd. _____ Checked _____ Survey by Meineck Notes GWK Date 6-6-'48
No. _____ Date _____ Date _____ Map No. _____ Indexed A. 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	B. S.	H. I.	F. S.	ELEV.	
315+65	202	1975		1773	From pg. 16
			223	1752	9' R - Edge Road
			51	147	15' R - Brk. Top bank
			78	[illegible]	17' R - Toe bk.
			100	[illegible]	31' R - Beach
T.P.	105	882	1198	777	
			24	[illegible]4	50' R - "
			84	[illegible]4	91' R - Ed. Water
			102	-14	106' R - Water
			88	00	120' R - "
			102	-14	156' R - "
			120	-30	201' R - "
			128	-[illegible]	212' R - "

Range Line ∡ = 85°52'
F.S. on "S-20"

315+65
Inshore

Job No. 8612 Division No. Notes Red. Plotted No.
Survey of Beach Erosion - Redondo Date Date No.
Survey by G. Kleiner Notes GWK-6-7-46 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
315+65	5-21"	1	R	7 35	85 40	Range Line ∡ = 85°52' F.S. on "5.21"
		2	Y		85 40	
		~~3~~	~~W~~		~~85 05~~	Out.
		4	Y		84 10	
		5	W		84 20	
		6	R	7 41	87 15	
		7	Y		86 40	
		8	W		86 40	
		9	Y		85 30	
		10	W		84 25	
		11	R	7 45	84 45	
		12	Y		83 55	
		13	W		86 05	
		14	Y		85 10	
		15	W		85 20	
		16	R	7 55	84 55	
		17	Y		85 35	
		18	W		85 35	
		19	Y		86 00	
		20	W		85 45	

For Add'l data see F.B. 1284-73
315+65
Range Line

Profile No. ____ Notes Red. ____ Plotted ____ Date ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____
Job No. 8417 Division No. ____
Survey of Beach Erosion - Redondo
Survey by Klemmer Notes Gwk Date 6-10-42
Map No. ____ Indexed A. C. Johnson
F.B. 1184

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	808	85 10	Cont'd.	
		22	Y		87 15		
		23	W		85 25		
		24	Y		84 20		
		25	W		86 30		
		26	R	815	86 35		
		27	Y		86 55		
		28	W		86 10		
		29	Y		86 35		
		30	W		87 00		
		31	R	818	87 10		
		32	Y		87 25		
		33	W		87 50		
		34	Y		88 40		
		35	W		88 40		
		36	R	821	87 45		
		37	Y		87 25		
		38	W		86 55		
		39	Y		86 15		
		40	W		85 50		

F.B. 1184 G. 198 Job No. 8412 Division No. Notes Red. Date Plotted Date No. Profile
Survey of Beach Erosion Notes G.W.K. 6-13-46 Notes Chkd. Date Checked Date No. X-Sec.
Survey by Kleinock Date
Indexed A. C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
315+65	521	41	R	826	8645	Cont'd
		42	Y		8705	
		43	W		8635	
		44	Y		8630	
		45	W		8640	
		46	R	833	8600	
		47	Y		8555	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. 1182 Pg. 1[illegible]
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Niemeck Notes Gulf Date 6-13-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

315+65 S
Range 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		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	

F.B. 1180 PG. 200 Job No. 8429 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Meineck Notes Notes Chkd. Checked X-Sec.
Indexed 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.

316+65

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
322+00	S-22	1	R	7 34	155° 15'	GOING OUT	RANGE 315+65
		2	Y		153° 35'	white missed	
		3 ~~3~~	Y		150° 15'		
		4 ~~4~~	W		146° 50'		
		5 ~~5~~	R	7 40	146° 45'		
		6 ~~6~~	Y		144° 55'		
		7 ~~7~~	W		142° 50'		
		8 ~~8~~	Y		140° 20'		
		9 ~~9~~	W		138° 55'		
		10 ~~10~~	R	7 44	138° 30'		
		11 ~~11~~	Y		137° 05'		
		12 ~~12~~	W		136° 05'		
		13 ~~13~~	Y		134° 35'		
		14 ~~14~~	W		134° 10'		
		15 ~~15~~	R	7 54	133° 05'		
		16 ~~16~~	Y		132° 30'		
		17 ~~17~~	W		132° 40'		
		18 ~~18~~	Y		132° 35'		
		19 ~~19~~	W		131° 40'		
		20 ~~20~~	R	8 07	131° 40'		

For Re-run see FB 1284-75

315+65 S

Cut In

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X-Sec. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo Area
No. ____ Notes Chkd. ____ Checked ____ Survey by Kleinecke Notes Sheet Date 6-13-46
Date ____ Date ____ Map No. ____ Indexed A. 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	
322+00	S-22	22 ~~21~~	Y		133° 0'	GOING OUT	RANGE 315+65
		23 ~~22~~	W		130° 40'	o	
		24 ~~23~~	Y		129° 10'		
		25 ~~24~~	W		131° 45'	✓	
		26 ~~25~~	R	8 14	130° 45'	o	
		27 ~~26~~	Y		130° 35'	o	
		28 ~~27~~	W		130° 30'	o	
		29 ~~28~~	Y		131° 0'	✓	
		30 ~~29~~	W		130° 35'	o	
		31 ~~30~~	R	8 17	130° 15'	o	
		32 ~~31~~	Y		130° 25'	o	
		33 ~~32~~	W		130° 20'	o	
		34 ~~33~~	Y		130° 25'	o	
		35 ~~34~~	W		130° 25'	o	
		36 ~~35~~	R	8 20	130° 40'	o	
		37 ~~36~~	Y		130° 20'	o	
		38 ~~37~~	W		130° 15'	o	
		39 ~~38~~	Y		129° 35'	✓	
		40 ~~39~~	W		129° 05'		
		41 ~~40~~	R	8 25	128° 20'		

F.B. 118 Pg. 202 Job No. 8412 Division No. Notes Red. Plotted No. Profile
Survey of Beach Erosion - Redondo Area Date Date X-Sec.
Survey by Kleinock Notes Stock - 6-13-46 Notes Chkd. Checked No.
Indexed A. 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	
322+00	S-22	42 ~~41~~	Y		127° 50'	GOING OUT	RANGE 315+65
		43 ~~42~~	W		127° 25'		
		44 ~~43~~	Y		124° 30'		
		45 ~~44~~	W		123° 10'		
		46 ~~45~~	R	8 32	123° 0'		
		47 ~~46~~	Y		121° 15'		
						END OF LINE	

315+65 S
Cut In

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____ F.B. [illegible]
Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes Stock Date 6-13
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Job No. 5447-2 Division No. ____

Survey of ____ Notes ____

Survey by ____ Date ____

Indexed ____

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At / Sight 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
Station 315+65							Going out (Range Line 315+65)
1	R	7:35	6.2 9.0	71 ✓	3.0	4.1 ✓	
2	Y		7.5 10.0	83 ✓		5.3 ✓	
~~3~~	~~W~~		~~9.0~~	~~95~~			Out
4	Y		10.5 10.0 13.4	111 ✓		8.1 ✓	
5	W		12.0 15.0	130 ✓		10.0 ✓	
6	R	7:41	13.0 14.5	135 ✓	3.0	10.5 ✓	
7	Y		14.2 15.7	147 ✓		11.7 ✓	
8	W		15.3 17.6	161 ✓		13.1 ✓	
9	Y		16.2 19.2	172 ✓		14.2 ✓	
10	W		17.8 20.4	187 ✓		15.7 ✓	
11	R	7:45	19.1 21.0	197 ✓	3.1	16.6 ✓	
12	Y		20.1 22.5	209 ✓		17.8 ✓	
13	W		22.4 24.5	231 ✓		20.0 ✓	
14	Y		24.5 27.5	255 ✓		22.4 ✓	
15	W		25.5 28.2	264 ✓		23.3 ✓	
16	R	7:55	27.0 29.2	277 ✓	3.1	24.6 ✓	
17	Y		28.5 30.5	292 ✓		26.1 ✓	
18	W		30.1 32.8	310 ✓		27.9 ✓	
19	Y		31.2 33.5	321 ✓		29.0 ✓	

For re-run see F.B. 12 84+77

315+65 S
Boat

Profile No. ____ Notes Red. KE Plotted ____ Date 7-16-46 Date ____
X:Sec. No. ____ Notes Chkd. RCW Checked ____ Date 8-19-46 Date ____
Job No. 8412 Division No. ____
Survey of Beach Erosion-Redondo Area
Survey by Kleineck Notes Hobson Date 6-13-46
Map No. ____ Indexed A. C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Job No. 5112 Division No. Profile
Survey of Beach Erosion - Redondo Area No. X-Sec.
Survey by Klemeier Notes Hudson 6-13-46 Notes Red. HE Plotted
Indexed by C. Johnson Date Notes Chkd. LOW Checked
Date 8-19-46 Date 7-16-46 Date

STATION		B. S.	H. I.	F. S.	ELEV.		
#	Color	Time	Meas. Depth	Bottom	Ft. Tide	Adj. Depth	Remarks
Station 315+65 - Coast							Range Line 315+65 Contd
20	W		38.0 35.0	337 ✓	3.1	30.6 ✓	
21	R	8:08	34.2 36.5	350 ✓	3.2	31.8 ✓	
22	Y		37.0 39.8	379 ✓		34.7 ✓	
23	W		38.2 40.5	390 ✓		~~36.8~~ 35.8	
24	Y		38.8 40.5	394 ✓		36.2 ✓	
25	W		41.5 45.0	427 ✓		39.5 ✓	
26	R	8:14	42.0 44.8	429 ✓	3.3	39.6 ✓	
27	Y		43.5 45.2	441 ✓		40.8 ✓	
28	W		43.0 42.8	436 ✓		40.3 ✓	
29	Y		41.5 43.5	422 ✓		38.9 ✓	
30	W		44.9 46.5	448 ✓		41.5 ✓	
31	R	8:18	45.0 47.0	457 ✓	3.3	42.4 ✓	
32	Y		46.0 48.6	469 ✓		43.6 ✓	
33	W		47.5 49.5	482 ✓		44.9 ✓	
34	Y		49.8 51.0	495 ✓		46.2 ✓	
35	W		49.5 52.0	503 ✓		47.0 ✓	
36	R	8:21	50.5 52.5	518 ✓	3.4	48.4 ✓	
37	Y		47.5 50.0	483 ✓		44.9 ✓	Bar
38	W		46.0 48.0	467 ✓		43.3 ✓	

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
Station 315+65 - Cont'd.					3.4		Range Line 315+65 Cont'd
39	Y		47.5 49.5	48.2 ✓		44.8 ✓	Bar
40	W		46.0 49.0	47.0 ✓		43.6 ✓	"
41	R	8:36	47.8 50.5	48.7 ✓	3.5	45.2 ✓	"
42	Y		49.8 52.4	50.7 ✓		47.2 ✓	
43	W		50.6 52.5	51.2 ✓		47.7 ✓	
44	Y		48.6 51.0	~~49.4~~ 49.4 ✓		~~46.6~~ 45.9	
45	W		49.9 51.5	50.4 ✓		46.9 ✓	
46	R	8:33	51.0 53.0	51.7 ✓	3.5	48.2 ✓	
47	Y		52.5 56.0	53.7 ✓	3.5	50.2 ✓	End of line
~~48~~	~~W~~						

Profile No. ____ Notes Red. 7/16/46 Plotted ____ Job No. [illegible] Division No. ____
Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. Notes Chkd. [illegible] Checked ____ Survey by Kleinman Notes Hobson Date [illegible]
No. ____ Date 8-19-46 Date ____ Map No. ____ Indexed A. C. Johnson Date ____

315+65 Boat

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

Profile No. X-Sec. No.

Notes Red. Date Plotted Date Checked Date

Notes Chkd. Date

Survey by Alleneck Notes Date

Indexed

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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
317+00	"S-21"	1	R	846	85 20	Range Line ∡ = 85°52' F.S. on "S-21"
		2	Y		85 15	
		3	W		85 20	
		4	Y		85 10	
		5	W		85 00	
		6	R	849	85 00	
		7	Y		84 40	
		8	W		85 25	
		9	Y		84 35	
		10	W		84 35	
		11	R	859	84 10	
		12	Y		84 30	
		13	W		84 30	
		14	Y		84 55	
		15	W		86 20	
		16	R	903	85 40	
		17	Y		86 35	
		18	W		86 30	
		19	Y		86 30	
		20	W		86 35	

317+00 S
Range

Profile No. ____ Plotted ____ Job No. 8417 Division No. ____
No. ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. Notes Chkd. ____ Checked ____ Survey by Klemmer Notes GWK Date 6-13-46
No. ____ Date ____ Date ____ Map No. ____ Indexed by C. Jones 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	
317+00	5-21	21	R	907	86 45	Cont'd	
		22	Y		86 30		
		23	W		86 00		
		24	Y		86 15		
		25	W		85 50		
		26	R	912	86 20		
		27	Y		86 10		
		28	W		86 05		
		29	Y		86 15		
		30	W		85 55		
		31	R	915	86 05		
		32	Y		86 10		
		33	W		87 05		
		34	Y		88 15		
		35	W		88 40		
		36	R	918	91 40		
		37	Y		90 40		
		38	W		88 20		

F.B. 1184 G.210 Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Kleineck Notes GWK - 6-13-46 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	
322+00	S-22	1	R	8 45	113° 50'	COMING IN	RANGE 317+00
		2	Y		114° 50'		
		3	W		115° 15'		
		4	Y		115° 45'		
		5	W		115° 55'		
		6	R	8 48	116° 25'		
		7	Y		116° 0'		
		8	W		116° 10'		
		9	Y		116° 10'		
		10	W		117° 50'		
		11	R	8 58	116° 20'		
		12	Y		118° 0'		
		13	W		118° 20'		
		14	Y		119° 30'		
		15	W		121° 25'		
		16	R	9 02	119° 40'		
		17	Y		119° 50'		
		18	W		120° 20'		
		19	Y		122° 15'		
		20	W		123° 40'		

317+00 S
Cut in.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo Pier
Notes Chkd. ____ Checked ____ Survey by Meineck Notes Stock Date 6-13-[illegible]
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. [illegible]

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
322+00	S-22	21	R	9 06	124° 40'	COMING IN	RANGE 317+00
		22	Y		125° 25'		
		23	W		127° 05'		
		24	Y		127° 55'		
		25	W		129° 50'		
		26	R	9 10	129° 40'		
		27	Y		131° 10'		
		28	W		133° 10'		
		29	Y		134° 25'		
		30	W		135° 40'		
		31	R	9 14	137° 30'		
		32	Y		140° 20'		
		33	W		142° 20'		
		34	Y		145° 0'		
		35	W		146° 0'		
		36	R	9 17	151° 20'		
		37	Y		154° 30'		
		38	W		157° 55'		
						END OF LINE	

Job No. 8417 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Area Date Date No.
Survey by Nemecek Notes Stock - 6-13-46 Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

FORM 307 3M 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.

Profile Notes Red. Date 7-1-46 Picked Date Survey of Beach Erosion - Redondo
No. Xr.Sec. Notes Chkd. Date Checked Survey by Notes Hoffmeister
No. Date 8-19-46 Date Map No. Indexed J. C. Jobbins

STATION		B. S.	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth		Remarks
#	Color	Time						
317	+00 (Station)							Going in (Range Line 317+00)
1	R	8:46	52.5 55.5 51.5	525	3.6	49.9	↵	
2	Y		54.5	525		48.9	↵	
3	W		50.2 52.5	510		47.4	↵	
4	Y		49.1 51.0	507		42.1	↵	
5	W		48.0 50.5	488		45.2	↵	
6	R	8:49	47.0 50.0	480	3.7	44.3	↵	
7	Y	~~8:49~~	46.2 46.0	468		43.1	↵	
8	W		44.7 47.2	455		41.8	↵	
9	Y		44.0 46.5	448		41.1	↵	
10	W		42.8 43.8	428		39.1	↵	
11	R	8:59	41.0 44.5	422	3.8	38.4	↵	
12	Y		40.2 42.0	410		37.1	↵	
13	W		39.0 42.0	400		36.2	↵	
14	Y		37.3 40.0	382		34.4	↵	
15	W		31.0 33.0	317		27 32.9	↵	high spot on bar
16	R	9:03	32.5 34.5	332	3.8	29.4	↵	
17	Y		35.0 37.5	358		32.0	↵	
18	W		33.9 36.0	346		30.8	↵	bot depression
19	Y		29.5 32.0	303		26.5	↵	

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
317+00 (Station)							Range Line 317+00 Cont'd
20	W		27.5 / 29.8	28.3	3.7	24.6	
21	R	9:07	26.0 / 30.0	27.3	3.7	23.6	
22	Y		24.9 / 27.5	25.8		22.1	
23	W		23.7 / 25.0	24.1		20.4	
24	Y		22.4 / 24.5	23.1		19.4	
25	W		21.0 / 23.0	21.7		18.0	
26	R	9:11	20.0 / 22.2	20.7	3.7	17.0	
27	Y		18.5 / 20.5	19.2		15.5	
28	W		17.5 / 20.8	18.6		14.9	
29	Y		16.0 / 19.0	17.0		13.3	
30	W		15.1 / 17.5	15.9		12.2	
31	R	9:15	14.1 / 16.0	14.7	3.6	11.1	
32	Y		13.0 / 15.5	13.8		10.2	
33	W		12.5 / 15.5	13.5		9.9	
34	Y		11.0 / 14.7	12.2		8.6	
35	W		10.1 / 14.6	11.6		8.0	
36	R	9:18	9.2 / 12.0	10.1	3.6	6.5	
37	Y		7.2 / 10.0	8.1		4.5	
38	W		6.0 / 9.[illegible]	7.2		3.6	End of line

Survey of Beach Erosion - Redondo Notes Red. [illegible] Date 1-17-46 Plotted Date
Survey by Meineck Notes Hobson - 6-13-46 Notes Chkd. [illegible] Checked Date
Indexed C. Johnson Date Date 8-20-46 Date
Profile No. X-Sec. 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 50

STATION	B. S.	H. I.	F. S.	ELEV.	
317+00	182	2008		1826	From pg. 16
			189	1819	8' R. - Edge road
			85	116	18' R. - T. Bank
	108	934	1182	826	37' R. - Beach
			50	43	64' R. - "
			91	02	95' R. - Brk - Ed. trough - water
			110	-17	106' R. - Bot. trough - "
			94	-01	126' R. - Ed. " - "
			97	-04	150' R. - Water
			105	-12	174' R. - "
			115	-22	192' R. - "

Range Line ∡ = 85°52'
A.J. on "5+21"
317+00 S
Shore.

Job No. 8412 Division No. F.B. 1184 Pg. 20
Survey of Beach Erosion - Redondo
Survey by Helmock Notes GWK Date 6-7-44
Map No. Indexed C. Johnson
Plotted Date
Notes Chkd. Checked Date
No. Date
X-Sec. No. 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	B. S.	H. I.	F. S.	ELEV.		
318+15.87	2.75	21.48		1[illegible].73	From pg. 17	
			2.6	1[illegible].9	10' R. – Ed. Road.	
			9.9	11.6	20' R. – T. Bank – Ed. Beach	
			11.7	[illegible]	38' R – Beach	
TP	0.30	10.07	11.71	[illegible]		
			4.7	[illegible]	64' R – "	
			10.0	[illegible]	104' R – Ed. water – Ed trough	
			11.8	– [illegible]	121' R – Bot. trough	
			11.5	– [illegible]	145' R –	
			10.5	– [illegible]	157' R – Ed. "	
			12.5	– [illegible]	215' R – Water	
			13.7	– [illegible]	225' R – "	
			13.7	– [illegible]	230' R – "	

Range Line ∡ = 82° 30'
F.S. on "5-22"

318+15.87
Shore.

Survey of Beach Erosion – Redondo
Survey by Hemack Notes GWK – 6-7-46
Indexed C. Johnson Date
Job No. 8412 Division No. Notes Red. Date Plotted No. X-Sec.
Checked Date No.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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.	
Test Sight At	On	#	Color	Time	Hor. Ang.	Remarks
318+15.87	"5-22"	1	R	9.42	82.00	Range Line ∡ = 82°30' F.S. on "5-22"
		2	Y		82.05	
		3	W		82.20	
		4	Y		82.05	
		5	W		81.50	
		6	R	9.45	81.35	
		7	Y		82.05	
		8	W		82.10	
		9	Y		81.05	
		10	W		81.05	
		11	R	9.50	82.25	
		12	Y		82.10	
		13	W		82.40	
		14	Y		82.50	
		15	W		82.55	
		16	R	9.53	81.45	
		17	Y		81.05	
		18	W		81.00	
		19	Y		81.20	
		20	W		82.50	

For re-run see F.B. 1284-79

318+15.87 S

Range

Project
Job No.
Date
Survey of Beach Erosion - Redondo
Checked
Survey by
Date
Date
Map No.
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		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
318	5-22	21	R	959	8255	Contd	
+15.87		22	Y		8[illegible]0		
		23	W		8[illegible]5		
		24	Y		8[illegible]05		
		25	W		8[illegible]5		
		26	R	1004	8230		
		27	Y		8[illegible]20		
		28	W		8305		
		29	Y		8155		
		30	W		8[illegible]20		
		31	R	1012	8330		
		32	Y		8420		
		33	W		8510		
		34	Y		82[illegible]0		
		35	W		8310		
		36	R	1017	83[illegible]0		
		37	Y		8250		
		38	W		8305		
		39	Y		8310		
		40	W		83[illegible]0		

Survey of Beach Erosion - Redondo
Survey by Hlarack Notes Gwk. 6-13-46
Indexed C. Johnson Date
Job No. 8442 Division No.
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

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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
318 +15.87	5-22	41	R	1021	8400	
		42	Y		8400	
		43	W		8315	
		44	Y		8240	
		45	W		8330	
		46	R	647	8120	To be cont'd — 6-24-'46
		47	Y		8220	
		48	W		8225	

318+15.87 S
Range.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8442 Division No. ____ F.B. 118 [illegible]
Date ____ Date ____ Survey of Beach Erosion - Redonds
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 6-13-'46
Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson

F.B. 118 Pg. 220 Job No. 8412 Division No. _____ Notes Red. _____ Plotted _____ Profile

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

Survey by Kleineck Notes GWK - 6.13.'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

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

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 On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
314+65	S-21	1	R	9 41	31° 40'	GOING OUT	RANGE 318+15.87
		2	Y		31° 10'		
		3	W		36° 05'		
		4	Y		38° 0'		
		5	W		40° 0'		
		6	R	9 44	41° 20'		
		7	Y		42° 40'		
		8	W		44° 10'		
		9	Y		46° 40'		
		10	W		47° 45'		
		11	R	9 49	50° 40'		
		12	Y		51° 10'		
		13	W		52° 40'		
		14	Y		54° 0'		
		15	W		55° 40'		
		16	R	9 53	55° 40'		
		17	Y		55° 55'		
		18	W		57° 05'		
		19	Y		57° 30'		
		20	W		59° 20'		

For re-run see F.B. 1284-81

318+15.87 S
Cut in

Notes Red. _____ Plotted _____ Division No. _____
Date _____ Date _____ Survey of Beach Erosion - Redondo
Notes Chkd. _____ Checked _____ Survey by Kleinert Notes Shot Date 6-13-46
Date _____ Date _____ Map No. _____ Indexed C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
314+65	S-21	21	R	9.58	59° 50'	GOING OUT	RANGE 318+15.87
		22	Y		60° 20'		
		23	W		60° 55'		
		24	Y		61° 0'		
		25	W		60° 0'		
		26	R	10.02	60° 25'		
		27	Y		60° 40'		
		28	W		61° 30'		
		29	Y		60° 30'		
		30	W		60° 50'		
		31	R	10.10	60° 30'		
		32	Y		62° 10'		
		33	W		62° 55'		
		34	Y		59° 35'		
		35	W		60° 20'		
		36	R	10.16	60° 30'		
		37	Y		60° 45'		
		38	W		61° 20'		
		39	Y		60° 55'		
		40	W		61° 20'		

F.B. Map 220 Job No. 8412 Division No. Notes Red. Date Plotted Date No. Profile
Survey of Beach Erosion - Redondo Notes Chkd. Date Checked Date No. X-Sec.
Survey by Kleineck Notes Stock - 6-13-46 Date
Indexed A. C. Johnson

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	
314+65	S-21	41	R	10.20	62° 0'	GOING OUT	RANGE 318+15.87
		42	Y		62° 10'		
		43	W		61° 50'		
		44	Y		61° 50'		
		45	W		62° 30'		
						Incomplete	6-24-46
		46	R	6.49	61° 0'		
		47	Y		61° 45'		
		48	W		63° 0'	END OF LINE	

318+15.87 S
Cut in

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6412 Division No. ____
X:Sec. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
No. ____ Notes Chkd. ____ Checked ____ Survey by Hlaneck Notes Stock Date 6-13-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson

F.B. 118 Pg. 27

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. 118 Pg. 222

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

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

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ No. ____

Indexed ____ Date ____ Date ____ Date ____

FORM 307 [illegible]

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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
Sta. 318+15.87							Range Line 318+15.87
1	R	9:42	5.5 / 8.0	63	3.4	2.9	Going out
2	Y		6.3 / 8.5	70		3.6	
3	W		7.5 / 9.0	80		4.6	
4	Y		8.5 / 11.0	93		5.9	
5	W		9.7 / 12.0	105		7.1	
6	R	9:45	10.5 / 12.5	112	3.4	7.8	
7	Y		11.2 / 13.5	120		8.6	
8	W		12.5 / 14.0	130		9.6	
9	Y		13.4 / 14.8	139		10.5	
10	W		14.5 / 16.0	150		11.6	
11	R	9:50	15.2 / 17.8	161	3.4	12.7	
12	Y		16.0 / 18.5	168		13.4	
13	W		17.5 / 19.8	183		14.9	
14	Y		18.8 / 20.4	193		15.9	
15	W		20.0 / 22.2	207		17.3	
16	R	9:53	21.0 / 23.5	218	3.4	18.4	
17	Y		22.0 / 24.2	227		19.3	
18	W		23.2 / 26.0	241		20.7	
19	Y		24.6 / 27.0	254		22.0	

For re-run see F.B. 1284-83

318+15.87 S
Boat

Profile Notes Red. 12 Plotted _____ Job No. [illegible] Division No. _____ F.B. [illegible]
No. _____ Date 7-17-46 Date _____ Survey of Beach Erosion - Redondo Acc.
X-Sec. Notes Chkd. [illegible] Checked _____ Survey by Kleinrock Notes Hobson Date [illegible]
No. _____ Date 8-20-46 Date _____ Map No. _____ Indexed A. C. Johnson

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. Ft Tide	Adj. Depth	Remarks
Station 318+15.87							Range Line 318+15.87 Cont'd.
20	W	~~25.2~~	25.2 27.6	26.0	3.4	22.6	
21	R	9:59	26.0 28.9	27.0	3.4	23.6	
22	Y		27.0 29.4	27.8		24.4	
23	W		28.8 31.0	29.5		26.1	
24	Y		30.2 34.1	31.5		28.1	
25	W		31.0 34.5	32.2		28.8	
26	R	10:03	33.1 35.2	33.8	3.4	30.4	
27	Y		28.0 30.2	28.7		25.3	
28	W		30.2 32.7	31.0		27.6	
29	Y		31.0 33.5	31.8		28.4	
30	W		32.0 34.5	32.8		29.4	
31	R	10:12	28.8 31.5	29.7	3.3	26.4	
32	Y		29.0 32.0	30.0		26.7	
33	W		31.0 34.5	32.2		28.9	
34	Y		34.6 33.5	32.2		28.9	
35	W		27.5 29.5	28.2		24.9	
36	R	10:17	28.9 31.0	29.6	3.3	26.3	
37	Y		30.0 32.0	30.7		27.4	
38	W		31.0 33.7	31.9		28.6	

Job No. 8412 Division No. — Notes Red. ME Plotted — Profile
Survey of Beach Erosion - Redondo Date 7-17-46 Date — No.
Survey by Alameda Notes Hobson 6-13-46 Notes Chkd. LCW Checked — X-Sec.
Indexed A. G. Johnson Date Date 8-20-46 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		B. S.	H. I.	F. S.	ELEV.		
#	Color	Time	Meas. Depth	Bottom	St. Tide	Adj. Depth	Remarks
Sta 318+15.87					3.3		Range Line 318+15.87 Cont'd
39	Y		32.1 34.4	329		29.6 ✓	
40	W		30.0 33.0	310		27.7 ✓	
41	R	10:20	31.0 33.0	317	3.3	28.4 ✓	
42	Y		32.5 34.0	330		29.7 ✓	
43	W		34.6 38.0	357		32.4 ✓	
44	Y		36.0 38.5	368		33.5 ✓	
45	W		41.0 43.5	418		38.5 ✓	
46	R	6:47	42.0 44.0	427	3.1	396 ✓	Not complete - Lost sounding line.
47	Y		42.2 44.0	428		397 ✓	
48	W		55.0 57.0	557		52.6 ✓	? Brk - Edge ravine

These soundings taken on 6-24-46

318+15.87 S
Bent

Profile No. ____ Notes Red. KE Plotted ____ Date 7-17-46 Notes Chkd. [illegible] Checked ____ Date 8-20-46 Job No. [illegible] Division No. ____ Survey of Beach Erosion - Redondo Area Survey by [illegible] Notes [illegible] Date [illegible] Map No. ____ Indexed [illegible] Date [illegible]

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. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. ____

Job No. ____

Survey of ____ Notes ____

Survey by ____ Date ____

Indexed ____

No. 22-4

STATION	B. S.	H. I.	F. S.	ELEV.		
Color	Time	Meas. Depth	Bottom	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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
319+00	5-22	1	R	656	83 40	Range Line ∡ = 79° F.S. on "5-22"
		2	Y		83 20	
		3	W		79 30	
		4	Y		80 20	
		5	W		77 50	
		6	R	700	79 45	
		7	Y		79 45	
		8	W		79 50	
		9	Y		78 50	
		10	W		79 35	
		11	R	706	78 55	
		12	Y		78 20	
		13	W		79 20	
		14	Y		78 15	
		15	W		78 50	
		16	R	714	78 40	
		17	Y		79 50	
		18	W		77 50	
		19	Y		77 25	
		20	W		79 35	

For re-run see F.B. 1284-85

319+00 S
Range

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 84/3 Division No. ____ F.B. 1184
Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Newnes Notes Gulk Date 6-24-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 2M 8-45

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. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
319+00	"5-22"	21	R	721	7835	cont'd	
		22	Y		7830		
		23	W		7755		
		24	Y		7725		
		25	W		7915		
		26	R	731	7900		
		27	Y		7840		
		28	W		7830		
		29	Y		7755		
		30	W		7820		

F.B. 1184 Pg. 228 Job No. 842 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No. X-Sec.
Survey by Heineck Notes GWK - 6-24-46 Notes Chkd. Checked
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	
314+65	S-21	1	R	6 58	29° 05'	GOING OUT	RANGE 319+00
		2	Y		29° 55'		
		3	W		31° 15'		
		4	Y		33° 50'		
		5	W		35° 05'		
		6	R	7 01	38° 30'		
		7	Y		40° 10'		
		8	W		42° 05'		
		9	Y		44° 40'		
		10	W		47° 10'		
		11	R	7 07	48° 40'		
		12	Y		49° 10'		
		13	W		50° 40'		
		14	Y		50° 50'		
		15	W		51° 10'		
		16	R	7 15	51° 45'		
		17	Y		52° 40'		
		18	W		51° 45'		
		19	Y		52° 10'		
		20	W		53° 05'		

319+00 S

Cut in.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 84 26 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meineck Notes Start Date 6-24-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 2M 8-45

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. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
314+65	S-21	21	R	7 22	52° 40'	GOING OUT	RANGE 319+00
		22	Y		53° 40'		
		23	W		53° 35'		
		24	Y		53° 05'		
		25	W		54° 30'		
		26	R	7 33	54° 40'		
		27	Y		54° 50'		
		28	W		55° 20'		
		29	Y		57° 25'		
		30	W		57° 55'	END OF LINE	

P.B. 1184 Pg. 230 Job No. 8412 Division No. Notes Red. Date Plotted Date No. Profile
Survey of Beach Erosion - Redondo Notes Chkd. Date Checked Date No. X-Sec.
Survey by Klamack Notes Stock - 6-24-46
Indexed A. C. Johnson Date

FORM 307 2M 8-45

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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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
Sta. 319+00						Range Line	319+00
1	R	6:56	5.0 / 7.5	58	3.0	2.8	Going out
2	Y		5.9 / 8.6	68		3.8	
3	W		6.9 / 9.9	79		4.9	
4	Y		8.2 / 10.2	89		5.9	
5	W		9.0 / 12.0	100		7.0	
6	R	7:00	10.0 / 12.8	109	3.0	7.9	
7	Y		11.2 / 12.9	118		8.8	
8	W		12.8 / 14.2	133		10.3	
9	Y		14.4 / 17.0	153		12.3	
10	W		17.0 / 18.8	176		14.6	
11	R	7:06	18.6 / 21.0	194	2.9	16.5	
12	Y		20.0 / 22.2	207		17.8	
13	W		21.8 / 24.0	225		19.6	
14	Y		23.2 / 26.0	241		21.2	
15	W		24.1 / 25.7	246		21.7	
16	R	7:14	25.2 / 27.8	261	2.8	23.3	
17	Y		27.1 / 28.8	277		24.9	
18	W		28.7 / 30.8	294		26.6	
19	Y		30.1 / 32.0	311		28.3	

For re-run see F.B. 1284-89

319+00 S
Boat

Profile No. ____ Notes Red. KF Plotted ____ Date 7-17-46 Job No. [illegible] Division No. ____
X:Sec. No. ____ Notes Chkd. [illegible] Date 8-20-46 Checked ____ Date ____ Survey of Beach Erosion - Redondo Area
Survey by Fleineck Notes Hobson Date 6-24-46
Map No. ____ Indexed ____ Date ____

F.B. 1184 Pg. 29

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	Ft. Tide	Adj. Depth	Remarks
Station 319+00						Range Line 319+00 Cont'd	
20	W		30.9 32.0	313	2.8	28.5	
21	R	7:21	31.6 32.2	321	2.7	29.4	
22	Y		33.7 36.2	345	7 Brk.	31.8	
23	W		41.1 43.9	420		39.3	
24	Y		42.8 44.2	433		40.6	
25	W		45.0 47.0	457		43.0	
26	R	7:31	46.2 48.5	470	2.6	44.4	
27	Y		48.8 50.9	49.5 ~~40.0~~		~~43.6~~ 46.9	
28	W		49.9 52.0	50.6 ~~50.3~~		~~47.7~~ 48.0	
29	Y		51.1 53.0	524		49.8	
30	W		52.5 57.5	542		51.6	

Job No. 8412 Division No. Notes Red. 7-19-46 Plotted Date
Survey of Beach Erosion - Redondo Date HE Checked No. X-Sec.
Survey by Meinecke Notes GWK. - 6-24-46 Notes Chkd. LCW. Date 8-20-46 Date No.
Indexed C. Johnson Date

1184 Ac. 232

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

501 207

STATION	B.S.	H.I.	F.S.	ELEV.		
319+00	109	2015		1906	From pg. 17.	
			120	1895	8' R. - Ed. Road	
			48	154	17' R. - Brk - Bank.	
			83	119	22' R. - T. B. - Ed. beach	
			104	98	41' R. - Beach	
T.P.	088	948	1155	860		
			58	37	82' R - Ed. water	
			95	00	111' R - " trough	
			109	-14	127' R - Bot "	
			105	-10	154' R - Ed. "	
			107	-12	200' R. - water	
			131	-36	246' R. - "	
			139	-44	257' R. - "	

Range Line ∡ = 79°00
F.S. on "S-22"
319+00 S
Shore.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8[illegible] Division No. ____ F.B. [illegible]
Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Kleinecke Notes Chk. Date 6-[illegible]
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

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

STATION	B. S.	H. I.	F. S.	ELEV.		
320+50	1.43	2107		19[illegible]4	From pg. 17	
			157	1[illegible]0	9' R - Ed. Road	
			89	1[illegible]	25' R - T. B. - Ed. beach.	
			112	9[illegible]	41' R - Beach	
T.P.	070	997	1180	9[illegible]7		
			14	[illegible]6	50' R - "	
			60	[illegible]	83' R - "	
			99	[illegible]	117' R - Ed. water	
			107	-[illegible]	126' R - water	
			125	-[illegible]	186' R - "	
			129	-[illegible]	247' R "	
			124	-[illegible]	274' R "	
			13.8	-[illegible]	300' R "	

Range Line ∡ = 78000'
F.S. on "5.22"

320+50
Shore.

Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Klemack Notes GWK - 6-7-46 Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

FORM 307 2M 8-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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+50	5-22	~~1~~	~~R~~	~~743~~	~~7730~~	Range Line ∠ = 78° F.S. on "5-22" out.
		1 ~~2~~	Y		7940	
		2 ~~3~~	W		7840	
		3 ~~4~~	R	746	7730	
		4 ~~5~~	Y		7755	
		5 ~~6~~	W		7720	
		6 ~~7~~	R	750	7600	
		7 ~~8~~	Y		7800	
		8 ~~9~~	W		7750	
		9 ~~10~~	Y		7720	
		10 ~~11~~	W		7745	
		11 ~~12~~	R	757	7830	
		12 ~~13~~	Y		7745	
		13 ~~14~~	W		7750	
		14 ~~15~~	R	801	7805	
		15 ~~16~~	Y		7755	
		16 ~~17~~	W		7800	
		17 ~~18~~	R	804	7800	
		~~19~~	~~Y~~		~~7810~~	out.
		18 ~~20~~	W		7815	

For Add'l data see FB 1284-91

320+50 S
Range

Profile Notes Red. ____ Plotted ____ Job No. 841 Contract No. ____
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. Notes Chkd. ____ Checked ____ Survey by Pierce Notes GWK Date 10-24-40
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
320+50		19 ~~21~~	R	8.06	78 10		
		~~22~~	~~Y~~		~~77 15~~	out.	
		20 ~~23~~	W		77 20		
		21 ~~24~~	R	8.09	77 05		
		22 ~~25~~	Y		77 00		
		23 ~~26~~	W		77 15		
		24 ~~27~~	R	8.15	77 15		
		25 ~~28~~	Y		77 10		
		26 ~~29~~	W		77 15		
		27 ~~30~~	R	8.18	77 05		
		28 ~~31~~	Y		76 05		
		29 ~~32~~	W		77 10		
		30 ~~33~~	R	8.22	76 50		
		31 ~~34~~	Y		76 30		
		32 ~~35~~	W		76 15		
		33 ~~36~~	R	8.24	76 00		
		34 ~~37~~	Y		77 40		

F.B. 1184 PG. 236

Job No. 8412 Division No. Notes Red. Plotted

Survey of Beach Erosion - Redondo Date Date No.

Survey by Kleineck Notes Chkd. Checked X-Sec.

Indexed A. G. Johnson Date Date No.

FORM 307 2M 8-45

LEASE RETURN TO
LOS ELES COUNTY SURVEYOR
HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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	
314+65	S-21 1	Y		32° 25'	GOING OUT	RANGE 320+50
	2	W		34° 45'		
	3	R	7 48	34° 10'		
	4	Y		36° 10'		
	5	W		37° 20'		
	6	R	7 51	38° 30'		
	7	Y		41° 10'		
	8	W		31° 55'		
	9	Y		42° 20'		
	10	W		43° 40'		
	11	R	7 59	44° 20'		
	12	Y		44° 30'		
	13	W		45° 30'		
	14	R	8 02	45° 50'		
	15	Y		46° 20'		
	16	W		47° 30'		
	17	R	8 05	47° 50'		
	18	W		50° 15'		
	19	R	8 07	50° 55'		
	20	W		50° 55'		

Add'l data F.B. 1284-93

320+50 S
Cut in.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 842 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Memorex Notes Stock Date 6-24-'46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

F.B. 1184 Pg. 209

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	
314+65	S-21	21	R	8 11	51° 20'	GOING OUT	RANGE 320+[illegible]
		22	Y		51° 0'		
		23	W		51° 05'		
		24	R	8 16	50° 50'		
		25	Y		51° 20'		
		26	W		51° 10'		
		27	R	8 19	51° 15'		
		28	Y		51° 05'		
		29	W		51° 10'		
		30	R	8 24	51° 40'		
		31	Y		51° 35'		
		32	W		51° 45'		
		33	R	8 25	51° 25'		
		34	Y		52° 10'	END OF LINE	

F.B. 1174 Pg. [illegible] Job No. E-4[illegible] Division No. Notes Red. Plotted No. Profile
Survey of Beach Erosion - Redondo Date Date X-Sec.
Survey by Heinecke Notes Stock - 6-24-46 Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date

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
	320+50						Going Out
~~1~~	~~R~~	~~7 43~~	~~6.00~~	Out			Range Line 320+50
1	Y		7.5	8.2	2.5	5.7 ✓	
2	W		9.5	9.8		7.3 ✓	
3	R	7 46	11.0	11.5	2.4	9.1 ✓	
4	Y		12.5	13.2		10.8 ✓	
5	W		14.5	14.1		11.7 ✓	
6	R	7 50	15.0	15.8	2.4	13.4 ✓	
7	Y		16.5	17.3		14.9 ✓	
8	W		19.0	18.7		16.3 ✓	
9	Y		20.2	20.1		17.7 ✓	
10	W		21.0	21.7		19.3 ✓	
11	R	7 57	23.0	23.5	2.3	21.2?	
12	Y		23.8	24.5		22.2 ✓	
13	W		26.0	25.8		23.5 ✓	
14	R	8 01	25.2	26.5	2.3	~~25.5~~ 24.5	
15	Y		27.0	28.1		25.8 ✓	
16	W		28.2	29.3		27.0 ✓	
17	R	8 05	30.0	30.3	2.3	28.0 ✓	
	Y		31.0	Out			
			32.5				

Add'l data F.B. 1284-95

320+50 Boot

Profile No. ____ Notes Red. HE Plotted ____ Date 7-17-46 Job No. 841 Division No. ____ Survey of Beach Erosion - Redondo

X:Sec. No. ____ Notes Chkd. RCW Checked ____ Date 8-20-46 Survey by Memock Notes QWK Date 6-24-46

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

F.B. 1284 Pg. 307

FORM 307 2M 8-45

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. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
	320+50						Going Out
18	W		33.1 / 35.2	338	2.3	31.5	Range Line 320+50
19	R	8 06	34.3 / 36.8	351	2.2	32.9	
	Y		35.8 / 38.3	Out			
20	W		37.2 / 39.9	381		35.9	
21	R	8 09	38.5 / 40.4	391	2.2	36.9	
22	Y		39.9 / 42.3	407		38.5	
23	W		38.0 / 40.5	388		36.6	
24	R	8 15	39.0 / 40.9	396	2.1	37.5	
25	Y		40.0 / 41.5	405		38.4	
26	W		41.0 / 42.8	416		39.5	
27	R	8 18	42.5 / 44.3	431	2.1	41.0	
28	Y		43.7 / 45.1	442		42.1	
29	W		45.2 / 48.0	461		44.0	
30	R	8 22	46.7 / 48.3	472	2.0	45.2	
31	Y		48.0 / 50.0	487		46.7	
32	W		49.5 / 51.5	502		48.2	
33	R	8 24	52.1 / 53.9	527	2.0	50.7	
34	Y		53.0 / 54.2	534		51.4	The End

F.B. 1884 p. 240 Job No. 842 Division No. Notes Red. HE Plotted Profile
Survey of Beach Erosion - Redondo Date 7-17-46 Date No.
Survey by Merriset Notes R.A. - 6-24-46 Notes Chkd. LOW Checked X-Sec.
Indexed A. C. Johnson Date Date 8-20-46 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 On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
322+00	"S-22"	1	R	8 48	81 25	Range Line ∡ = 80° F.S. on "S-22"
		2	Y		80 55	
		3	W		81 30	
		4	R	854	80 55	
		5	Y		80 50	
		6	W		80 30	
		7	R	859	81 40	
		8	Y		79 20	
		x 9	R	903	80 00	W. missed
		10	Y		80 30	
		11	W		81 00	
		12	R	905	81 25	
		13	Y		81 50	
		14	W		81 55	
		15	R	907	81 40	
		16	Y		80 15	
		17	W		80 10	
		18	R	909	80 30	
		19	Y		80 55	
		20	W		80 45	

Add) data FB 1284-47

322+00 S
R

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8442 Division No. ____ F.B. [illegible]
Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Klemens Notes GWK Date 6-24-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

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. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
322+00	"5-22"	21	R	910	8115	Contd	
		22	Y		8130		
		23	W		8200		
		24	R	913	8045		
		25	Y		8105		
		26	W		7945		
		27	R	915	8120		
		28	Y		7900		
		29	W		8040		
		30	R	917	8150		
		31	Y		8145		

F.B. 1184 PG. 242
Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Kemmac Notes Gwk 6-24-46 Notes Chkd. Checked X-Sec.
Indexed A. 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 On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
314+65	S-21	1	R	8 49	50° 40'	COMING IN	RANGE 322+00
		2	Y		49° 50'		
		3	W		49° 30'		
		4	R	8 55	48° 40'		
		5	Y		48° 30'		
		6	W		48° 50'		
		7	R	9 01	49° 25'		
		8	Y		48° 40'		
		~~9~~	~~W~~		~~48° 15'~~	OUT	
		9 ~~10~~	R	9 04	48° 10'		
		10 ~~11~~	Y		47° 45'		
		11 ~~12~~	W		47° 40'		
		12 ~~13~~	R	9 06	47° 10'		
		13 ~~14~~	Y		46° 50'		
		14 ~~15~~	W		46° 25'		
		15 ~~16~~	R	9 08	45° 40'		
		16 ~~17~~	Y		44° 30'		
		17 ~~18~~	W		43° 40'		
		18 ~~19~~	R	9 10	43° 20'		
		19 ~~20~~	Y		42° 45'		

322+00 S
Cut in.
For Add'l data See F.B. 1284-29

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 847 Division No. ____ F.B. 1284 No. 2-43
Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Alemeck Notes Stock Date 6-24-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

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	
314+65	S-21	~~20~~ ~~21~~	W		41° 45'	COMING IN	RANGE 322+00
		21 ~~22~~	R	9 12	41° 05'		
		22 ~~23~~	Y		40° 35'		
		23 ~~24~~	W		39° 25'		
		24 ~~25~~	R	9 14	36° 40'		
		25 ~~26~~	Y		36° 0'		
		26 ~~27~~	W		34° 20'		
		27 ~~28~~	R	9 16	32° 10'		
		28 ~~29~~	Y		30° 40'		
		29 ~~30~~	W		29 10'		
		30 ~~31~~	R	9 19	26° 30'		
		31 ~~32~~	Y		24° 50'	END OF LINE	

F.B. 1184 PG. 244 Job No. 842 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Meineck Notes Stock - 6-24-46 Notes Chkd. Checked X-Sec.
Indexed A. 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 #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
	322+00						Going In
1	R	8 47	52.5 / 54.5	532	1.7	51.5 ✓	Range Line 322+00
2	Y		50.9 / 52.1	513		49.6 ✓	
3	W		47.5 / 49.0	480		46.3 ✓	
4	R	8 53	46.0 / 47.2	464	1.7	44.7 ✓	
5	Y		44.5 / 46.0	450		43.3 ✓	
6	W		43.2 / 45.0	438		42.1 ✓	
7	R	8 59	41.0 / 42.5	415	1.6	39.9 ✓	
8	Y		39.5 / 41.0	400		38.4 ✓	
~~9~~	~~W~~		~~38.0 / 39.2~~	out			
9	R	9 03	36.0 / 37.0	363	1.6	34.7 ✓	
10	Y		34.5 / 35.1	347		33.1 ✓	
11	W		33.0 / 34.2	334		31.8 ✓	
12	R	9 05	32.0 / 34.1	327	1.6	31.1 ✓	
13	Y		30.8 / 32.0	309		29.3 ✓	
14	W		29.4 / 31.0	299		28.3 ✓	
15	R	9 07	27.8 / 28.0	279	1.6	26.3 ✓	
16	Y		25.8 / 26.0	253		23.7 ✓	
17	W		23.8 / 25.1	242		22.6 ✓	
18	R	9 09	23.0 / 24.1	233	1.5	21.8 ✓	

For Add'l data see FB.1284-101

322+00 S
Boat.

Profile No. ____ Notes Red. FE Plotted ____ Date 7-17-46 Date ____
X-Sec. No. ____ Notes Chkd. LOW Checked ____ Date 8-20-46 Date ____
Job No. 8412 Division No. ____ Survey of Beach Erosion - Redondo
Survey by Mamer Notes R.A. Date 6-24-46
Map No. ____ Indexed A. C. Johnson
F.B. 1184-[illegible]

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Job No. 8411 Division No. Ledgewood
Survey of Beach Erosion - Ledgewood
Survey by Atlantic Notes 68 - 6-24-46
Indexed by C. Johnson Date
Plotted No.
Notes Red. HE Date 7-17-46
Notes Chkd. Lowe Date 8-20-46
X-Sec. No.
R.B. 118 Pg. 246

STATION		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ft. Tide	Adj. Depth		Remarks
	322+00							Going In
19	Y		21.8					
			22.3	220	1.5	20.5	Range	Line 322+00 Cont'd.
20	W		20.8					
			21.3	208		19.3		
			19.8					
21	R	9 10	22.0	205	1.5	19.0		
			19.5					
22	Y		18.8	188		17.3		
			19.2					
23	W		16.1	181		16.6		
			17.4					
24	R	9 13	17.8	165	1.5	15.0		
			16.0					
25	Y		14.5	152		13.7		
			13.0					
26	W		12.0	140		12.5		
			12.6					
27	R	9 15	13.6	125	1.5	11.0		
			10.5					
28	Y		9.0	113		9.8		
			9.0					
29	W		11.0	97		8.2		
			9.5					
30	R	9 17	9.5	81	1.5	6.6		
			7.5					
31	Y		7.5	68		5.3		The 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.		
322+00	1.17	2143		2026	From pg. 17	
			135	20.08	10' R. - Ed. Road.	
			25	18.9	13' R - Brk - T.B.	
			96	11.8	22' R - T.B. - Ed beach	
			121	9.3	39' R - Beach	
T.P.	0.34	1005	1172	971		
			20	8.0	50' R - "	
			58	4.2	79' R. - "	
			96	0.4	107' R - Ed. water	
			110	-1.0	151' R - water	
			103	-0.3	171' R - "	
			112	-1.2	215' R - "	
			131	-3.1	256' R - "	
			140	-4.0	272' R - "	

Range Line 4 = 80°00'
F.S. on #5-22"

322+00 Shore

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 842 Division No. ____ F.B. 1188
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Steineck Notes Gwk. Date 6-7-44
Date ____ Date ____ Map No. ____ Indexed A. C. Job Pstor

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.		
323+00	099	2164		20[illegible]5	From pg. 17	
			110	2[illegible]4	5' R. - Ed Road.	
			70	14[illegible]	16' R - Brk on bank	
			94	[illegible]	16' R - Bot. " - Ed. Beach	
			110	[illegible]	25' R - Beach	
TP	029	1010	1183	9[illegible]1		
			24	[illegible]	50' R - " "	
			62	[illegible]	75' R - "	
			97	[illegible]	102' R - Ed. water	
			108	-[illegible]	136' R - Water	
			106	-[illegible]	192' R - "	
			122	-[illegible]	233' R - "	
			126	-[illegible]	244' R - "	
			132	-[illegible]	252' R - "	

Range Line ∡ = 82°15'
F.S. on "S-22"

323+00
Shore

Job No. 8412 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Klemeck Notes Chkd. Checked X-Sec.
Indexed A. 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 On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
323+00	"5-22"	1	R	931	8125	Range Line ∡ = 82°15' F.S. on "5-22"
		2	Y		8120	
		3	W		8445	
		4	R	933	8355	
		5	Y		8340	
		6	W		8210	
		7	R	936	8220	
		8	Y		8155	
		9	W		8200	
		10	R	939	8250	
		11	Y		8315	
		12	W		8335	
		13	R	942	8145	
		14	Y		8200	
		~~15~~	~~W~~		~~8340~~	out
		15 ~~16~~	R	947	8355	
		16 ~~17~~	Y		8305	
		17 ~~18~~	W		8245	
		18 ~~19~~	R	951	8255	
		19 ~~20~~	Y		8235	

For Add'l. data see FB 1284-103

323+00 S
Range

Profile Notes Red. ____ Plotted ____ Job No. [illegible] Division No. ____
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
323+00		20 ~~21~~	W		8400	cont'd	
		21 ~~22~~	R	957	8255		
		22 ~~23~~	Y		8350		
		23 ~~24~~	W		8325		
		24 ~~25~~	R	959	8335		
		25 ~~26~~	Y		8325		
		26 ~~27~~	W		8530		
		27 ~~28~~	R	1004	8510		
		28 ~~29~~	Y		8[illegible]0		
		29 ~~30~~	W		8255		
		30 ~~31~~	R	1015	8[illegible]0		
		31 ~~32~~	Y		82[illegible]0		
		32 ~~33~~	W		82[illegible]5		
		33 ~~34~~	R	1017	8[illegible]0		
		34 ~~35~~	Y		8310		
		35 ~~36~~	W		8[illegible]0		
		36 ~~37~~	R	1019	8300		
		37 ~~38~~	Y		8[illegible]0		
		38 ~~39~~	W		8[illegible]00		
		39 ~~40~~	R	1025	84[illegible]5		

F.B. [illegible] G. 250 Job No. 8442 Division No. Notes Red. Plotted Profile
Survey of Beach Erosion - Redondo Date Date No. X-Sec.
Survey by Klemack Notes Gwk-6-24-46 Notes Chkd. Checked
Indexed A. C. Johnson Date Date No.

FORM 307 2M 8-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
330+50	S-23	1	R	9 32	161° 10'	GOING OUT	RANGE 323+00
		2	Y		160° 15'		
		3	W		159° 30'		
		4	R	9 34	155° 20'		
		5	Y		154° 20'		
		6	W		153° 0'		
		7	R	9 38	149° 50'		
		8	Y		148° 55'		
		9	W		146° 50'		
		10	R	9 40	146° 26'		
		11	Y		144° 40'		
		12	W		143° 50'		
		13	R	9 44	141° 05'		
		14	Y		139° 25'		
		15	R	9 49	139° 0'		
		16	Y		138° 30'		
		17	W		137° 20'		
		18	R	9 52	136° 10'		
		19	Y		135° 40'		
		20	W		136° 20'	(?)	

For Add'l data see P.B. 1284-105

323+[illegible] S
Cut in.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2[illegible] Division No. ____
Date ____ Date ____ Survey of Beach Erosion - Redondo
R.Sec. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 6-24-[illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
330+50	S-23	21	R	9 58	135° 0'	GOING OUT	RANGE 323+00
		22	Y		135° 10'		
		23	W		134° 50'		
		24	R	10 01	133° 20'		
		25	Y		133° 30'		
		26	W		135° 45'		
		27	R	10 06	135° 15'		
		28	Y		132° 25'		
		29	W		133 20'		
		30	R	10 17	132° 0'		
		31	Y		131° 25'		
		32	W		131° 15'		
		33	R	10 19	132° 0'		
		34	Y		131° 50'		
		35	W		131° 40'		
		36	R	10 21	131° 15'		
		37	Y		132° 20'		
		38	W		129° 20'		
		39	R	10 26	132° 40'	END OF LINE	

Survey of Beach Erosion - Redondo
Survey by Kleinock Notes Stock - 6-24-46
Indexed C. Johnson Date
Job No. 8412 Division No.
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Profile No. X Sec. No.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Notes Rel. LE Plotted _____ Job No. 6442 Sheet No. _____
Date 7-17-46 Date _____ Survey of Beach Erosion - Redondo
Notes Chkd. LWW Checked _____ Survey by Meuser Notes C.H. Date 6-24-46
Date 8-20-46 Date _____ Map No. _____ Indexed R. C. Johnson

#	Color	Time	Stress Depth	Bottom	Ft. Tide	Adj. Depth	Remarks
	323+00						Going Out
1	R	9 30	5.0 / 6.5	6.0	1.4	4.6	Range Line 323+00
2	Y		7.2 / 7.8	7.4		6.0	
3	W		9.2 / 9.8	8.5		7.1	
4	R	9 34	10.5 / 10.8	9.5	1.4	8.1	
5	Y		10.8	10.2		8.8	
6	W		10.6 / 11.2	11.0		~~8.6~~ 9.6	
7	R	9 36	13.2 / 13.6	12.4	1.4	11.0	
8	Y		14.9 / 14.2	13.6		12.2	
9	W		15.2 / 15.6	14.9		13.5	
10	R	9 39	16.2 / 16.6	15.4	1.4	14.0	
11	Y		17.5 / 17.2	16.7		15.3	
12	W		18.3 / 18.7	17.7		16.3	
13	R	9 42	20.3 / 20.1	18.9	1.4	17.5	
14	Y		21.6 / 21.1	20.6		19.2	
15	W		22.5 Out				
15	R	9 47	24.8 / 23.0	23.3	1.3	22.0	
16	Y		24.5 / 25.1	23.6		22.2	
17	W		25.8 / 25.5	24.6		23.3	
18	R	9 51	27.8	26.0	1.3	24.7	

For Audit data see F.B. 1284-107

323+00 S Boat

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
	323+00				1.3		Going Out
19	Y		26.3 27.8	26.8		25.5	Range Line 323+00
20	W		27.4 29.0	27.9		26.6	
21	R	9 56	28.7 30.0	29.1	1.3	27.8	
22	Y		29.9 31.7	30.5		29.2	
23	W		30.8 32.1	31.2		29.9	
24	R	9 59	32.2 33.8	32.7	1.3	31.4	
25	Y		32.6 34.5	33.2		31.9	
26	W		33.4 35.0	33.9		32.6	
27	R	10 03	34.2 35.4	34.6	1.3	33.3	
28	Y		35.4 37.0	35.9		34.6	
29	W		36.5 37.5	36.8		35.5	
30	R	10 15	38.0 39.0	38.3	1.2	37.1	
31	Y		39.5 41.0	40.0		38.8	
32	W		41.1 43.0	41.7		40.5	
33	R	10 17	42.6 44.8	43.3	1.2	42.1	
34	Y		43.8 45.0	44.2		43.0	
35	W		45.2 46.0	45.5		44.3	
36	R	10 19	46.8 48.8	47.2	1.2	46.0	
37	Y		47.3 49.9	48.2		47.0	

F.B. 1184 Pg. 254 Job No. 842 Division No. Notes Red. FE Plotted No. X-Sec.
Survey of Beach Erosion - Redondo Date 7-17-46 Date No.
Survey by Wieneck Notes R.A. - 6-24-46 Notes Chkd. RCW Checked
Indexed C. Johnson Date Date 8-20-46 Date

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
100 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	Time	Meas. Depth	F.S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
	323+00						Going Out
38	W		49.9 51.5	504	1.2	49.2	Range Line 323+00
39	R	10 25	51.6 53.3	522	1.2	51.0	The End

Note: Notes of this survey are cont'd in F.B. 1185,-5

Plotted
Date 7-17-46
Checked
Date 8-20-46
Job No.
Survey of Beach Erosion - Redondo
Survey by Kleinrock
Map No.
Indexed
Date
Date
Date

323+00 S
Boat

Job No. _____ Section No. _____ Notes Red. _____ Plotted _____

_____ Date _____ Date _____

_____ Notes _____ Notes Chkd. _____ Checked _____

_____ Date _____ Date _____ Date _____

1084