Plotted _____ Job No. _____ Division No. _____ F.B. 1251

Date _____ Survey of _____

Checked _____ Survey by _____ Notes _____ Date _____

Date _____ Map No. _____ Indexed C. Johnson 7-9-46

BEACH EROSION SURVEY

AT

REDONDO BEACH

FROM

10TH ST. (BASE LINE STA. 5-12)

SOUTH TO

MALAGA COVE (BASE LINE STA. 5-29)

J.N. 8412
MAY & JUNE
1946

Meineck
Gunderson
Moore
Anderson
Hobson
Stock

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

FOR TIDE GAGE READINGS
SEE F.B. 1251

NOTE: ANY ALTERATIONS OR CHANGES On This SHEET MUST BE CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

PLEASE RETURN TO
ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

F.B. 185 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 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.

F.B. 1185 Pg. 3

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

Date _____ Date _____ Survey of _____

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

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

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 6-45

F.B. 1115 Pg. 4

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

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 At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
324 +00	5-23	1	R	6 35	91 00	Range Line ∡ = 90° Fd on 5-23
		2	Y		90 00	
		3	W		89 20	
		4	R	6 38	88 10	
		5	Y		88 40	
		6	W		89 30	
		7	R	6 40	88 50	
		8	Y		89 20	
		9	W		89 40	
		10	R	6 42	89 55	
		11	Y		89 30	
		12	W		89 30	
		13	R	6 44	89 55	
		14	Y		89 55	
		15	W		91 05	
		16	R	6 47	91 25	
		17	Y		91 55	
		18	W		92 00	
		19	R	6 50	91 30	
		20	Y		91 00	

Profile No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____

U.M.H. Job No. 8442 Division No. ____ Survey of Beach Erosion Redondo Survey by Kleineck Notes GWK Date 6-25-46 Map No. ____ Indexed C. Johnson Date 7-1-46

F.B. 1185

324+00 S
Range

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.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
324	5-23	21	W		9.40	Cont'd	
+00		22	R	6.52	9.40		
		23	Y		9.40		
		24	W		9.40		
		25	Z	6.54	9.00		
		26	Y		9.00		
		27	W		9.30		
		28	C	6.58	9.30		
		29	Y		9.35		
		30	W		9.00		
		31	R	7.00	8.[illegible]		
		32	Y		8.35		
		33	W		8.30		
		34	C	7.01	8.30		
		35	Y		8.30		
		36	W		8.50		
		37	R	7.02	9.00		
		38	Y		9.20		
		39	W		9.30		
		40	Z	7.04	9.40		

F.B. 1185 Pg. 6 Job No. 8412 Division No. Notes Red. Plotted 11.15.61 Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Heineck Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date 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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
324	S-23	41	Y		9045	Cont'd
400		42	W		9105	
		43	R	706	9120	
		44	Y		9140	

Profile No. ____ Date ____ Notes Chkd ____ Checked ____ Date ____ Job No. 641 Division No. ____ Survey of Beach Erosion - Redondo Survey by Hancock Notes Gulk Date 6-25-46 Map No. ____ Indexed C. Johnson

F.B. 1 No. 2

324400 S
Range

F.B. 1185 Pg. 8

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 8-48

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	
332+00	S-23	1	R	6 36	162° 35'	GOING OUT	RANGE 324+00
		2	Y		161° 50'		
		3	W		160° 10'		
		4	R	6 38	158° 30'		
		5	Y		157° 35'		
		6	W		156° 10'		
		7	R	6 40	154° 50'		
		8	Y		152° 25'		
		9	W		150° 50'		
		10	R	6 42	148° 50'		
		11	Y		147° 20'		
		12	W		146° 40'		
		13	R	6 44	144° 50'		
		14	Y		143° 40'		
		15	W		142° 30'		
		16	R	6 47	141° 50'		
		17	Y		141° 10'		
		18	W		140° 20'		
		19	R	6 50	138° 40'		
		20	Y		137° 35'		

324+00 S
Cut in.

Profile No. ____ Notes Red. ____ Date ____ Notes Chkd. ____ Date ____ Plotted H. U. M. H. Job No. 84-2 Division No. ____ Survey of Beach Erosion - Redondo Survey by Meinecke Notes Gulk Date 6-25-46 Map No. ____ Indexed C. Johnson

F.B. 11 Pg. 4

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	
332+00	S-23	21	W		136° 40'	GOING OUT	RANGE 324+00
		22	R	6 52	135° 40'		
		23	Y		134° 50'		
		24	W		134° 20'		
		25	R	6 53	133° 40'		
		26	Y		133° 50'		
		27	W		132° 50'		
		28	R	6 57	131° 25'		
		29	Y		130° 30'		
		30	W		130° 05'		
		31	R	7 00	129° 30'		
		32	Y		129° 0'		
		33	W		128° 40'		
		34	R	7 01	128° 10'		
		35	Y		127° 40'		
		36	W		127° 30'		
		37	R	7 03	127° 20'		
		38	Y		127° 10'		
		39	W		126° 50'		
		40	R	7 04	126° 30'		

F.B. 1180 G.A.D. Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date 6-25-46 No.
Survey by Meineck Notes Stock - 6-25-46 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	
332+00	S-23	41	Y		126° 10'	GOING OUT	RANGE 324+00
		42	W		126° 0'	Z	
		43	R	7.06	126° 0'		
		44	Y		126° 10'	END OF LINE	

324+00 S
Cut in.

Profile No. ____ Notes Red. ____ Date ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 4
X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Survey of Beach Erosion - Redondo
Date ____ Date ____ Survey by Meinert Notes Stock Date 6-25-46
Map No. ____ Indexed ____ Date ____

F.B. 1188 PG. 12 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date 6-25-46 | Date | No.

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

Indexed | Date | Date | Date | No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

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

Profile No. _____ Notes Rec'd Date _____ Dist. _____ Checked _____ Date _____ Map No. _____ Indexed _____

T.G.M.D. Job No. 8-1-1 Division No. _____

X-Sec. No. _____ Notes Chkd. Date 8-21-46 Survey of Beach Erosion - Ice Control Survey by Warnock Notes E.A. Date 10-24-46

STATION		B. S.	H. I.		F. S.	ELEV.				
#	Color	Time	Meas. Depth	Bottom		Ht. Tide	Adj. Depth		Remarks	
1	R	6 35	5.9 -	6.8	~~6.2~~	3.8	2.4	Range	329+00	
2	Y		6.8	7.6	7.1		3.3			
3	W		7.8	8.6	8.1		4.3	Going	Out	
4	R	6 38	8.8	9.5	9.0	3.8	5.2			
5	Y		9.5	10.3	9.8		6.0			
6	W		10.5	11.8	10.9		7.1			
7	R	6 40	11.3	12.6	11.7	3.8	7.9			
8	Y		12.8	13.5	13.0		~~10.2~~ 9.2			
9	W		13.2	12.6	12.8?		9.0?			
10	R	6 42	14.8	15.6	15.1	3.8	11.3			
11	Y		15.6	16.8	16.0		12.2			
12	W		16.3	17.2	16.6		12.8			
13	R	6 44	17.5	18.5	17.8	3.8	14.0			
14	Y		18.5	19.5	18.8		15.0			
15	W		19.7	21.0	20.1		16.3			
16	R	6 46	20.2	21.5	20.6	3.8	16.8			
17	Y		21.1	22.2	~~21.5~~		17.7			
18	W		22.2	23.2	21.5		18.7			
19	R	6 49	23.3	24.5	23.0	3.8	19.9			
20	Y		24.6	25.5	24.9		21.1			

Boat. 324+00 ES

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.		F. S.	ELEV.			
#	Color	Time	Meas. Depth		Bottom	Ht. Tide	Adj. Depth	Remarks	
21	W		25.5	26.6	25.9	3.8	22.1	Range	324+00
22	R	6 52	27.0	28.2	27.4	3.7	23.7		
23	Y		28.0	29.1	28.4		24.7	Going	Out
24	W		29.2	30.5	29.6		25.9		
25	R	6 53	30.8	32.0	31.2	3.7	27.5		
26	Y		32.0	33.2	32.4		28.7		
27	W		33.5	35.0	34.0		30.3		
28	R	6 57	35.0	36.4	35.5	3.7	31.8		
29	Y		36.4	37.2	36.7		33.0		
30	W		37.2	38.3	37.6		33.9		
31	R	6 59	38.2	39.3	38.6	3.7	34.9		
32	Y		39.5	40.5	39.8		36.1		
33	W		40.6	41.8	41.0		37.3		
34	R	7 01	42.0	43.2	42.4	3.7	38.7		
35	Y		43.5	44.3	43.8		40.1		
36	W		44.5	45.6	44.9		41.2		
37	R	7 03	45.8	47.2	46.3	3.7	42.6		
38	Y		47.0	48.2	47.4		43.7		
39	W		48.6	49.8	49.0		45.3		
40	R	7 04	49.0	50.5	49.5	3.7	45.8		

F.B. 1183 Pg. 14
Job No. 8412 Division No. Notes Red. Date 7-18-46 Plotted H.U.M.H. Date
Survey of Beach Erosion - Redondo Notes Chkd. LCW Checked No. X-Sec.
Survey by Wheeler Notes RA - 6-25-46 Date 8-20-46 Date No.
Indexed A. C. Johnson Date

FORM 307 2M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.		F. S.	ELEV.			
#	Color	Time	Meas. Depth		Bottom	Ht. Tide	Adj. Depth		Remarks
41	Y		50.0	50.8	50.3	3.7	46.6	Range	324+00
42	W		51.0	52.1	51.4		47.7		
43	R	7.06	52.5	53.6	52.9	3.7	49.2	Going	Out
44	Y		53.3	54.8	53.8		50.1	The	End

Profile No. ____ Notes Rec. [illegible] Plotted [illegible] Job No. [illegible] Division No. ____
Date 7-18-46 Date ____ Survey of Beach Erosion & Redondo
X-Sec. No. ____ Notes Chkd. [illegible] Checked ____ Survey by Reimeck Notes R.A. Date 6-25-46
Date 8-20-46 Date ____ Map No. ____ Indexed [illegible] C. Johnson Date ____

324+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		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. Notes Date

Survey of

Survey by

Indexed

F.B. 18 Pg. 46

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.		
324400	133	2230		2097	From pg. 17	
			142	2088	4' R. - Ed. Road	
			100	123	17' R - T.B. - Ed. Beach	
T.P.	046	1080	1196	1034		
			17	91	41' R - Beach	
			69	39	82' R - "	
			100	08	108' R - Water	
			116	-08	142' R - "	
			119	-11	172' R - "	
			124	-16	204' R - "	
			123	-15	226' R - "	
			135	-27	274' R - "	
			135	-27	277' R - "	

Range Line ∠ = 90°
F.S. on S-23

324+00 S
Shore.

Profile No. ____ Notes Red. ____ Plotted H.U.M.M. Job No. 842 Division No. ____ F.B. 1186 Pg. 17
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes Quit Date 6-7-46
Date ____ Date ____ Map No. ____ Indexed C. Jones Date ____

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.		
325+50	101	2256		2 55	From pg. 17	
			124	21[illegible]	6'R - Ed. Road.	
			17	20[illegible]	10'R - Brk.	
			96	13[illegible]	24'R - T.B. - Ed. Beach	
			115	[illegible]	37'R - Beach	
T.P.	0 32	1115	1173	10[illegible]3		
			36	[illegible]	69'R - "	
			106	[illegible]	117'R - Ed water.	
			124	-1[illegible]	142'R - Water	
			112	[illegible]	165'R - "	
			114	-[illegible]	203'R - "	
			120	-[illegible]	241'R - "	
			130	-1[illegible]	264'R - "	
			136	-[illegible]	280'R - "	

Range Line ∡ = 90°
F.S. on "S-23"

325+50
Shore

Job No. 842 Division No. Notes Red. Plotted H. U. M. H. Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Kleineck Notes Gulk - 6-7-46 Notes Chkd. Checked X-Sec.
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.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
325 ~~+50~~	5-23	1	R	720	90 40	Range Line ∡ = 90° F.S. on "5-23"
		2	Y		90 40	
		3	W		90 40	
		~~4~~	~~R~~	~~725~~	~~91 00~~	Out
		4 ~~5~~	R	727	91 10	
		5 ~~6~~	Y		90 35	
		6 ~~7~~	W		89 50	
		7 ~~8~~	R	730	90 05	
		8 ~~9~~	Y		90 10	
		9 ~~10~~	W		90 10	
		10 ~~11~~	R	733	90 10	
		11 ~~12~~	Y		90 15	
		~~13~~	~~W~~		~~90 30~~	Out
		12 ~~14~~	R	735	90 30	
		13 ~~15~~	Y		89 50	
		14 ~~16~~	W		90 05	
		15 ~~17~~	R	737	90 20	
		16 ~~18~~	Y		91 10	
		17 ~~19~~	W		91 45	
		18 ~~20~~	R	740	90 15	

325+50 S
Range.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1186 Pg. 17
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kloinack Notes GWK Date 6-25-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
325		19 ~~21~~	Y		8[illegible]		
450		20 ~~22~~	W		8[illegible]20		
		21 ~~23~~	R	744	8[illegible]45		
		22 ~~24~~	Y		89[illegible]5		
		23 ~~25~~	W		8[illegible]5		
		24 ~~26~~	R	746	8[illegible]5		
		25 ~~27~~	Y		9[illegible]30		
		26 ~~28~~	W		[illegible]0		
		27 ~~29~~	R	748	91[illegible]5		
		28 ~~30~~	Y		92[illegible]0		
		29 ~~31~~	W		89[illegible]5		
		30 ~~32~~	R	750	9[illegible]5		
		31 ~~33~~	Y		9[illegible]0		
		32 ~~34~~	W		92[illegible]0		
		33 ~~35~~	R	753	9[illegible]0		
		34 ~~36~~	Y		91[illegible]5		
		35 ~~37~~	W		[illegible]5		
		36 ~~38~~	R	756	8[illegible]5		
		37 ~~39~~	Y		89[illegible]5		
		38 ~~40~~	W		90[illegible]0		
		39 ~~41~~	R	758	90[illegible]0		

F.B. 1185 Pg. 20

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

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

Survey by Heineck Notes GWK-6-25-46 Notes Chkd. Checked

Indexed C. Johnson Date Date No.

FORM 807 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	
332+00	S-23	1	R	7 20	111° 35'	COMING IN	RANGE 325+50
		2	Y		111° 50'		
		3	W		112° 20'		
		4	R	7 27	116° 0'	?	
		5	Y		115° 50'	? 114.50	
		6	W		115° 30'	?	
		7	R	7 30	116° 30'		
		8	Y		117° 0'		
		9	W		118° 10'		
		10	R	7 33	118° 20'		
		11	Y		119° 0'		
		12	R	7 36	120° 30'	? 119.30	
		13	Y		120° 35'		
		14	W		121° 20'		
		15	R	7 38	121° 55'		
		16	Y		123° 30'	? 122 30	
		17	W		125° 0'	? 123	
		18	R	7 40	124° 30'	? 123 30	
		19	Y		124° 30'		
		20	W		125° 50'		

120 30

325+50 S
Cut in.

Profile No. ____ Notes Red. ____ Printed H.U.M.H. Job No. 841 Division No. ____
Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Hewett Notes Stock Date 6-25-46
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	
332+00	S-23	21	R	7 43	127° 10'	COMING IN	RANGE 325+50
		22	Y		128° 35'		
		23	W		129° 40'		
		24	R	7 45	130° 55'		
		25	Y		132° 40'		
		26	W		134° 10'		
		27	R	7 48	135° 05'		
		28	Y		137° 55'		
		29	W		139° 10'		
		30	R	7 50	140° 10'		
		31	Y		141° 50'		
		32	W		144° 35'		
		33	R	7 52	146° 0'		
		34	Y		148° 0'		
		35	W		149° 0'		
		36	R	7 55	149° 30'		
		37	Y		152° 0'		
		38	W		155° 15'		
		39	R	7 58	157° 30'	END OF LINE	

F.B. 1/1 PG. 22 Job No. 8412 Division No. Notes Red. Date 6-25-46 Plotted H.U.M.H. Date 6-25-46 Profile No. X-Sec.
Survey of Beach Erosion - Redondo Notes Chkd. Checked Date No.
Survey by Meineck Notes STOCK - 6-25-46 Date
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.			
#	Color	Time	Meas. Depth		Bottom	Ht. Tide	Adj. Depth		Remarks
1	R	7 19	53.2	54.3	53.6	3.6	50.0	Range	325+50
2	Y		52.1	53.0	52.4		48.8		
3	W		51.2	52.2	51.5		47.9	Going	In
4	R	7 27	49.8	50.7	50.1	3.5	46.6		
5	Y		48.8	49.8	49.1		45.6		
6	W		47.5	48.0	47.7		44.2		
7	R	7 30	46.5	47.2	46.7	3.5	43.2		
8	Y		45.2	47.0	45.8		42.3		
9	W		43.9	44.8	44.2		40.7		
10	R	7 32	43.0	44.0	43.3	3.5	39.8		
11	Y		41.8	42.8	42.1		38.6		
~~12~~	~~W~~		~~40.8~~	~~41.4~~					
12	R	7 35	38.8	40.0	39.2	3.4	35.8		
13	Y		37.5	38.3	37.8		34.4		
14	W		36.5	37.5	36.8		33.4		
15	R	7 37	35.5	37.0	36.0	3.4	32.6		
16	Y		34.5	35.5	34.8		31.4		
17	W		33.2	34.5	33.6		~~30.8~~ 30.2		
18	R	7 40	32.1	33.2	32.5	3.4	29.1		
19	Y		31.0	32.3	31.4		28.0		

325+50 S
Boat.

Profile No. ____ Notes Rec. RE Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. 115 No. 2
Date 7-18-46 Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. LCW Checked ____ Survey by Kleinert Notes RA Date 10-25-46
Date 8-20-46 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 #	Color	B. S. Time	H. I. Meas. Depth		F. S. Bottom	ELEV. Ht. Tide	Adj. Depth		Remarks
20	W		29.8	30.8	30.1	3.4	26.9	Range	325+50
21	R	7-43	28.5	29.6	28.9	3.4	25.5		
22	Y		27.1	28.0	27.4		24.0	Going	In
23	W		25.5	26.4	25.8		22.4		
24	R	7-45	24.2	25.2	24.5	3.3	21.2		
25	Y		22.8	23.8	23.1		19.8		
26	W		21.8	22.8	22.1		18.8		
27	R	7-48	20.0	22.0	20.7	3.3	17.4		
28	Y		18.3	19.5	18.7		15.4		
29	W		17.0	18.0	17.3		14.0		
30	R	7-50	16.0	17.0	16.3	3.3	13.0		
31	Y		15.2	16.5	15.6		12.3		
32	W		13.8	15.0	14.2		10.9		
33	R	7-53	13.0	14.0	13.3	3.2	10.1		
34	Y		11.8	13.0	12.2		9.0		
35	W		11.2	12.3	~~11.5~~ 11.6		~~8.3~~ 8.4		
36	R	7-55	10.0	11.2	10.4	3.2	7.2		
37	Y		8.2	9.8	9.1		5.9		
38	W		7.6	8.8	8.0		4.8		
39	R	7-58	5.8	7.0	6.2	3.1	3.1	The	End

F.B. 1185 Pg. 24
Survey of Beach Erosion - Redondo
Survey by Hleinek Notes R.A. - 6-25-46
Index C. Johnson Date
Job No. 8412 Division No.
Notes Red. [illegible] Date 7-18-46
Notes Chkd. [illegible] Date 8-20-46
Plotted H.U.M.H. Date
Checked Date
Profile No.
X-Sec. No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
327 +00	5-23	1	R	804	9200	
		2	Y		9000	
		3	W		9150	
		4	R	806	9210	
		5	Y		9150	
		6	W		9150	
		7	R	808	9120	
		8	Y		9010	
		9	W		8935	
		10	R	810	9040	
		11	Y		9050	
		12	W		9115	
		13	R	811	9115	
		14	Y		9245	
		15	W		9205	
		16	R	813	9055	
		17	Y		9025	
		18	W		9000	
		19	R	816	8935	
		20	Y		8900	

327+00
Range

Profile No. ____ Notes Red. ____ Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. [illegible]
X:Sec. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
No. ____ Notes Chkd. ____ Checked ____ Survey by Steinert Notes GWK Date 6-25-[illegible]
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	
327 +00	5-23	21	W		8[illegible]5	Cont'd.	
		22	R	818	8[illegible]5		
		23	Y		8[illegible]5		
		24	W		8[illegible]0		
		25	R	820	90[illegible]5		
		26	Y		90[illegible]5		
		27	W		91[illegible]5		
		28	R	822	9[illegible]5		
		29	Y		91[illegible]0		
		30	W		8[illegible]0		
		31	R	825	90[illegible]0		
		32	Y		90[illegible]0		
		33	W		90[illegible]5		
		34	R	828	90[illegible]5		
		35	Y		91[illegible]0		
		36	W		91[illegible]5		
		37	R	831	90[illegible]		
		38	Y		89[illegible]5		
		39	W		89[illegible]0		
		40	R	835	9000		

F.B. 1185 PG. 26 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Date No. X-Sec.
Survey by Meineck Notes GWK-6-25-46 Notes Chkd. Checked
Indexed A. C. Johnson Date Date No.

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
327	5-23	41	Y		8950	Contd
+00		42	W		8940	
		43	E	842	8955	
		44	Y		9000	
		45	W		8945	
		46	E	845	8940	
		47	Y		8915	
		48	W		8835	
		49	E	849	8840	
		50	Y		8925	

Profile No. ____ Notes Red. ____ Notted H.U.M.H. Job No. 842 Division No. ____ F.S. [illegible]
Date ____ Date ____ Survey of Beach Erosion - Redondo
R.Sec. ____ Notes Chkd. ____ Checked ____ Survey by Hardeck Notes Quit Date 6-25-[illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

327+00 S
Range.

F.B. 1185 Pg. 28 Job No. 8412 Division No. _____ Notes Red. _____ Plotted _____ Profile

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

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
332+00	S-23	1	R	8 04	156° 10'	GOING OUT	RANGE 327+00
		2	Y		153° 40'		
		3	W		151° 30'		
		4	R	8 06	150° 05		
		5	Y		148° 0'		
		6	W		145° 45'		
		7	R	8 08	143° 30'		
		8	Y		141° 10'		
		9	W		139° 15'		
		10	R	8 09	138° 20'		
		11	Y		136° 05'		
		12	W		134° 50'		
		13	R	8 11	133° 05'		
		14	Y		132° 35'		
		15	W		131° 05'		
		16	R	8 13	129° 05'		
		17	Y		127° 35'		
		18	W		126° 10'		
		19	R	8 15	123° 55'		
		20	Y		122° 15'		

327+00 S
Cut in.

Profile No. ____ Notes Red. ____ Date ____ Notes Chkd. ____ Date ____ Plotted H.U.M.H. Date ____ Job No. 8412 Division No. ____ Survey of Beach Erosion - Redondo Survey by Wlemark Notes Stock Date 6-25-46 Map No. ____ Indexed C. Johnson Date ____ F.B. 185 Pg. 2

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	
332+00	S-23	21	W		121° 20'	GOING OUT	RANGE 327+00
		22	R	8 17	120° 20'		
		23	Y		119° 50'		
		24	W		119° 0'		
		25	R	8 20	118° 45'		
		26	Y		118° 20'		
		27	W		118° 10'		
		28	R	8 22	117° 55'		
		29	Y		116° 50'		
		30	W		114° 40'		
		31	R	8 25	113° 50'		
		32	Y		113° 50'		
		33	W		113° 10'		
		34	R	8 28	112° 50'		
		35	Y		112° 45'		
		36	W		112° 05'		
		37	R	8 31	110° 20'		
		38	Y		108° 50'		
		39	W		108° 10'		
		40	R	8 35	107° 55'		

F.B. 1185 Pg. 30 Job No. 8417 Division No. Notes Red. Date 6-25-46 Plotted H.U.M. Date No. Profile
Survey of Beach Erosion - Redondo Notes Chkd. Date 6-25-46 Checked Date No. X-Sec.
Survey by Alemack Notes Stock - 6-25-46 Date
Indexed C. Johnson Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
332+00	S-23	41	Y		107° 10'	GOING OUT	RANGE 327+00
		42	W		105° 40'		
		43	R	8 43	104° 05'		
		44	Y		104° 0'		
		45	W		103° 40'		
		46	R	8 46	103° 05'		
		47	Y		102° 15'		
		48	W		101° 05'		
		49	R	8 49	100° 55'		
		50	Y		101° 35'	END OF LINE ? 99.35	

327+00 5
Cut in

Profile No. ____ Notes Red. ____ Plotted H. U. M. H. Job No. 8442 Division No. ____ F.B. 1156 Pg. 67
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. ____ Notes Chkd. ____ Checked ____ Survey by Klamack Notes Stock Date 6-25-46
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No.

Job No. Notes Date

Survey of Survey by Indexed

F.B. 1185 PG. 32

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 H.U.M.H. Job No. 6472 Division No.
No. Date Survey of Beach Erosion - Redondo
X-Sec. Notes Chkd. Checked Survey by Hamner Notes E.R. Date 6-25-46
No. Date 8-20-46 Date Map No. Indexed Jan. 7, Johnson

STATION		B. S.	H. I. Meas. Depth		F. S. Bottom	ELEV. Ft. Tide	Adj. Depth	Remarks
#	Color	Time						
1	R	8 04	4.0	5.0	4.3	3.1 ↙	1.2 ↙ Range	327+00
2	Y		4.8	5.8	5.1		2.0 ↙	
3	W		6.2	7.0	6.5		3.4 ↙ Going	Out
4	R	8 06	7.3	8.2	7.6	3.1 ↙	4.5 ↙	
5	Y		8.2	8.5	8.6		5.5 ↙	
6	W		9.0	9.8	9.3		6.2 ↙	
7	R	8 08	10.0	11.2	10.4	3.0 ↙	7.4 ↙	
8	Y		11.2	12.0	11.5		8.5 ↙	
9	W		12.0	13.0	12.3		9.3 ↙	
10	R	8 09	12.8	14.0	13.2	3.0 ↙	10.2 ↙	
11	Y		13.8	15.0	14.2		11.2 ↙	
12	W		14.7	16.0	15.1		12.1 ↙	
13	R	8 11	15.9	16.5	16.1	3.0 ↙	13.1 ↙	
14	Y		16.9	18.2	17.3		14.3 ↙	
15	W		18.6	18.6	18.2		15.2 ↙	
16	R	8 13	19.1	20.6	19.4	3.0 ↙	16.4 ↙	
17	Y		19.9	21.0	20.3		17.3 ↙	
18	W		21.0	22.2	21.4		18.4 ↙	
19	R	8 15	22.1	23.5	22.6	3.0 ↙	19.6 ↙	
20	Y		23.5	24.8	23.9		20.9 ↙	

327+00
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
21	W		24.5 25.5	24.8	3.0	21.8	Range 327+00
22	R	8 17	25.0 26.5	25.5	2.9	22.6	
23	W		26.1 27.0	26.4		23.5	
24	W		27.2 28.4	27.6		24.7	Going Out
25	R	8 20	28.6 29.9	29.0	2.9	26.1	
26	Y		29.6 31.0	30.1		27.2	
27	W		30.5 32.0	31.0		28.1	
28	R	8 22	31.8 32.3	32.0	2.9	29.1	
29	Y		33.2 34.0	~~33.6~~ 33.5		~~30.9~~ 30.6	
30	W		34.1 35.2	34.5		31.6	
31	R	8 25	35.8 36.8	36.1	2.9	33.2	
32	Y		36.8 38.8	37.5		34.6	
33	W		38.0 39.0	38.3		35.4	
34	R	8 28	38.8 40.0	39.2	2.8	36.4	
35	Y		40.0 41.1	40.4		37.6	
36	W		40.8 42.0	41.2		38.4	
37	R	8 31	41.8 43.0	42.2	2.8	39.4	
38	Y		42.8 43.7	43.1		40.3	
39	W		43.8 44.8	44.1		41.3	
40	R	8 34	44.5 45.3	44.8	2.8	42.0	

F.B. 11 Pg. 34 Job No. 8412 Division No. Notes Red. [illegible] Date 7-18-46 Plotted H.U.M.H. Date No. Profile
Survey of Beach Erosion - Redondo Notes Chkd. [illegible] Date 8-20-46 Checked No. X-Sec.
Survey by Meineck Notes RA-6-25-46 Date
Indexed C. Johnson Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.		F. S.	ELEV.			
#	Color	Time	Meas. Depth		Bottom	Ht. Tide	Adj. Depth		Remarks
41	Y		45.2	46.5	45.6	2.8 ✓	42.8 ✓		Range 327+00
42	W		44.5	46.6	44.9		42.1 ✓		
43	R	8 42	46.3	47.3	46.6	2.7 ✓	43.9 ✓		Going Out
44	Y		46.8	47.5	47.0		44.3 ✓		
45	W		47.0	47.6	47.2		44.5 ✓		
46	R	8 45	47.8	48.3	48.0	2.7 ✓	45.3 ✓		
47	Y		48.0	49.5	48.5		45.8 ✓		
48	W		50.2	51.8	50.7		48.0 ✓		
49	R	8 49	51.0	52.0	51.3		48.6 ✓		
50	Y		52.6	53.6	52.9	2.7 ✓	50.2 ✓		The End

Notes No. RE Plotted M.H.M.H. Job No. 842 Division No. F.B. [illegible]
No. Date 7-18-46 Date Survey of Beach Erosion-Redondo
X Sec. Notes Chkd. RCW Checked Survey by Atkinson Notes RB Date 6-25-46
No. Date 8-20-46 Date Map No. Indexed A. C. Johnson

327+00 S
Boat

P.B. 11/11 Pg. 36

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.		
# Color	Time	Noon. Depth	Bottom	Tide	Adj. Depth	Remarks

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

56 171 75 201

STATION	B. S.	H. I.	F. S.	ELEV.		
327+00	140	2349		2209	From pg. 17	
			13	222	8'R - Ed. Road	
			19	216	11'R - Brk. - T.B.	
			97	13.8	26'R - T.B. - Ed. Beach	
T.P.	051	1219	1181	1168		
			20	102	50'R - Beach	
			42	80	63'R - "	
			112	10	113'R - Ed. Water	
			133	-11	129'R - Water	
			130	-08	168'R - "	
			131	-09	187'R - "	
			132	-10	225'R - "	
			140	-18	254'R - "	
			150	-28	276'R - "	

Range Line ∡ = 90°
F.S. on "S-23"

327+00 S
Shore.

Profile No. ____ Date ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. ____
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of Beach Erosion - Red
Survey by Kleinert Notes Fulk Date 6-
Map No. ____ Date ____ Indexed ____ A. C. Johnson

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

FS 80

STATION	B. S.	H. I.	F. S.	ELEV.		
328+00	1[illegible]	2294		2[illegible]	From pg. 7 FB 1184	
			10	2[illegible]	9' R - Ed. Road	
			93	1[illegible]	25' R - T.B. - Ed. Beach	
T.P.	0[illegible]	1203	1175	11[illegible]9		
			16	[illegible]	50' R - Beach	
			36	[illegible]	68' R - "	
			110	1[illegible]	115 R - Ed. water	
			136	-1[illegible]	123' R - water	
			130	-1[illegible]	138' R - "	
			130	-[illegible]	171' R - "	
			120	[illegible]	181' R - "	
			131	-1[illegible]	231' R - "	
			143	-2[illegible]	253' R - "	
			145	-2[illegible]	265' R - "	

Range Line ∡ = 90°
F.S. 07" 5-23"

328+00
Shore

Pg. 38 Job No. 84[illegible] Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Fleneck Notes GWK - 6-7-46 Notes Chkd. Checked X-Sec.
Indexed R. 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
328	5-23	1	Y	931	89 20	Range Line ∡ = 90° F.S. on 5-23
400		2	W		89 10	
		3	R	933	90 15	
		4	Y		90 20	
		5	W		90 50	
		6	R	936	90 55	
		7	Y		91 00	
		8	W		91 10	
		9	R	940	90 55	
		10	Y		90 50	
		11	W		90 50	
		12	R	942	90 45	
		13	Y		90 30	
		14	W		90 00	
		15	R	944	90 20	
		16	Y		90 30	
		17	W		90 20	
		18	R	947	90 45	
		19	Y		91 00	
		20	W		90 45	

328+00 S
Range.

Profile No. ____ Notes Red. ____ Plotted H. U. M. M. Job No. 8412 Division No. ____ F.B. ____
Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Kleinert Notes Walk Date 6-25-46
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	
328	5-23	21	R	9 48	90 [illegible]		
+00		22	Y		90 [illegible]5		
		23	W		9[illegible]		
		24	R	9 50	90 [illegible]5		
		25	Y		90 [illegible]0		
		26	W		8[illegible]0		
		27	R	9 52	89 [illegible]0		
		28	Y		90 [illegible]0		
		29	W		90 [illegible]0		
			x	x x			
		30	R	11 07	91 30	Additional Shots	on outer end
		31	R	11 08	90 00		of line.
		32	Y		89 40		
		33	W		89 40		
		34	Y		89 20		
		35	W		90 00		
		36	R	11 20	89 30		
		37	Y		89 20		
		38	W		88 40		
		39	Y		89 20		

F.B. 118 Pg. 40 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date No.
Survey by Meinert Notes GWT 6-25-46 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
328 +00	"5-23"	40	W		8930	Contd
		41	R	11.27	8905	
		42	Y		8855	
		43	W		8945	

Profile No. ____ Notes Red. ____ Photo No. 11 [illegible] Job No. [illegible] Division No. ____ F.B. [illegible]
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 6-25-[illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

328+00 S
Range.

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	

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. 1180 PG. 45

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
S-24	S-25	1	Y	9 31	113° 10'	COMING IN	RANGE 328+00
		2	W		114° 20'		
		3	R	9 33	116° 10'		
		4	Y		118° 0'		
		5	W		120° 10'		
		6	R	9 37	122° 20'		
		7	Y		123° 40'		
		8	W		125° 50'		
		9	R	9 39	127° 15'		
		10	Y		127° 55'		
		11	W		129° 05'		
		12	R	9 42	130° 20'		
		13	Y		131° 50'		
		14	W		133° 45'		
		15	R	9 44	136° 10'		
		16	Y		137° 40'		
		17	W		139° 50'		
		18	R	9 47	140° 40'		
		19	Y		142° 20'		
		20	W		143° 50'		

328+00 S
Cut in.

Profile No. ____ Notes Red. AE Plotted H.U.M.H. Job No. 841 Division No. ____
X:Sec. ____ Date 7-18-46 Date ____ Survey of Beach Erosion - Redondo
No. ____ Notes Chkd. ____ Checked ____ Survey by Meinecke Notes STOCK Date 6-25-46
Date ____ Date ____ Map No. ____ Indexed R. 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	
S-24	S-25	21	R	9 48	148 10'	COMING IN² 145.10	RANGE 328+00
		22	Y		140° 10'		
		23	W		148° 20'		
		24	R	9 50	149° 15'		
		25	Y		150° 50'		
		26	W		153° 10'		
		27	R	9 52	154° 45'		
		28	Y		156 40'		
		29	W		158° 20'	END OF LINE	
		30	R	11 07	117° 25'	ADDITIONAL SHOTS	GOING OUT
		31	R	11 08	116° 40'		
		32	Y		114° 0'		
		33	W		112° 30'		
		34	Y		111° 20'		
		35	W		110° 40'		
		36	R	11 20	107° 25'		
		37	Y		106° 0'		
		38	W		104° 20'	105.20	
		39	Y		104° 25'		

F.B. 11/65 Pg. 44 Job No. 8417 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date Date No. X-Sec.
Survey by Fleineck Notes Stock 6-25-46 Notes Chkd. Checked No.
Indexed C. Johnson Date Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
S-24	S-25	40	W		104° 10'	ADDITIONAL SHOTS	RANGE 328+00
		41	R	11 27	103° 30'	GOING OUT	
		42	Y		102° 25'		
		43	W		103° 25'	END OF LINE 101+25 ?	

328+00 S
Cut in.

Notes Red. Plotted H.U.M.M. Job No. 8412 Division No.
No. Date Date Survey of Beach Erosion - Redondo
X-Sec. Notes Chkd. Checked Survey by Hanneck Notes STOCK Date 6-25-46
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.

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

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

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

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ No. _____

Indexed _____ Date _____ Date _____ Date _____

F.S. 28/Pg. 46

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 12	53.0	53.5				Range 328+00
	Y		51.3	52.4				
	W		49.8	50.5				Going In
	R	9 16	48.8	49.7				
	Y		47.5	48.5				
	W		46.7	47.5				
	R	9 19	45.7	46.8				
	Y		44.5	45.3				
	W		43.5	44.7				
	R	9 23	42.0	44.0				
1	Y		40.5	41.5	40.8	2.4	38.4	
2	W		39.2	40.3	39.6		37.2	
3	R	9 33	38.5	39.6	38.9	2.3	36.6	
4	Y		37.2	38.2	37.5		35.2	
5	W		35.5	36.5	35.8		33.5	
6	R	9 36	34.0	35.0	34.3	2.2	32.1	
7	Y		32.5	34.2	33.1		30.9	
8	W		30.8	32.0	31.2		29.0	
9	R	9 39	29.0	29.8	29.3	2.2	27.1	
10	Y		27.8	28.8	28.1		25.9	

N.G. - These shots retaken - See end of this section

328+00 S
Boat

Profile Notes Red. ____ Plotted H.U.M.W. Job No. SW2 Division No. ____ F.B. 18 Pg. 45
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. Notes Chkd. RCW Checked ____ Survey by Blanck Notes RA Date 6-25-46
No. ____ Date 8-20-46 Date ____ Map No. ____ Indexed A. C. Jamieson

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
11	W		26.5	27.2	26.7	2.2	24.5		Range 328+00
12	R	9 41	25.0	26.0	25.3	2.2	23.1		
13	Y		24.0	24.8	24.3		22.1		Going In
14	W		22.6	23.2	22.8		20.6		
15	R	9 44	21.1	21.8	21.3	2.2	19.1		
16	Y		19.7	20.2	19.9		17.7		
17	W		17.8	18.6	18.1		15.9		
18	R	9 46	16.6	17.2	16.8	2.1	14.7		
19	Y		15.6	16.9	16.0		13.9		
20	W		14.8	15.8	15.1		13.0		
21	R	9 48	13.0	14.2	13.4	2.1	11.3		
22	Y		12.3	13.5	12.7		10.6		
23	W		11.0	12.0	11.3		9.2		
24	R	9 50	10.2	11.2	10.5	2.1	8.4		
25	Y		9.5	10.8	9.9		7.8		
26	W		7.8	9.3	8.3		6.2		
27	R	9 52	6.3	8.0	6.9	2.1	4.8		
28	Y		5.0	6.0	5.3		3.2		
29	W		3.5	4.5	3.8		1.7		

F.B. [illegible] Pg. 48 Job No. 8442 Division No. Notes Red. [illegible] Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date 7-18-46 Date No.
Survey by Nemeck Notes RA - 6-25-46 Notes Chkd. SCW Checked X-Sec.
Indexed C. Johnson Date Date 8-22-46 Date No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht Tide	Adj. Depth	Remarks
30	R	11 07	39.0 39.8	393	1.6 ✓	37.7	Additional Shots taken
31	R	11 08	39.0 39.8	393	1.6 ✓	37.7	on outer end of line
32	Y		39.8 40.8	401		38.5 ✓	Range 328+00
33	W		40.5 41.5	408		39.2 ✓	
34	Y		41.1 42.1	414		39.8 ✓	Going Out
35	W		42.5 43.2	427		41.1 ✓	
36	R	11 20	42.8 43.5	430	1.6 ✓	41.4 ✓	
37	Y		43.8 44.2	439		42.3 ✓	
38	W		44.8 45.8	451		43.5 ✓	
39	Y		45.8 46.5	460		44.4 ✓	
40	W		47.5 48.9	480		46.4 ✓	
41	R	11 27	47.7 48.3	479	1.6 ✓	46.3 ✓	
42	Y		49.8 50.5	500		48.4 ✓	
43	W		51.5 52.2	517		50.1 ✓	The End

328+00 S
Boat

Profile No. ____ Notes Red. RR Plotted R.U.M.H. Job No. 8412 Division No. ____ F.B. ____
Date 7-18-46 Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. BCW Checked ____ Survey by Meineck Notes RA Date 6-25-
Date 8-22-46 Date ____ Map No. ____ Indexed ____ Johnson

F.B. 1185 Pg. 50 | 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.		
Color		Time	Rear. Depth	Bottom	Tide	Adj. Depth	Remarks

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
ZOO HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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
329	5.23	1	R	11 55	90 00	Range Line ∡ = 90° F.S. on "5.23"
+00		2	Y		90 25	
		3	W		90 50	
		4	Y		91 15	
		5	W		91 25	
		6	R	12 00	89 50	
		7	Y		89 45	
		8	W		89 40	
		9	Y		90 00	
		10	W		90 15	
		11	R	12 05	90 40	
		12	Y		90 35	
		13	W		89 55	
		14	Y		89 50	
		15	W		90 45	
		16	R	12 11	90 50	
		17	Y		91 05	
		18	W		90 55	
		19	Y		90 10	
		20	W		90 05	

329+00 S
Range.

Profile No. ____ Notes Red. ____ Date ____ Profile [illegible] Job No. 8417 Division No. ____
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Beach Erosion - Redondo
Survey by Kleinert Notes Sink Date 6-25-46
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.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
329	5-23	21	R	1214	90 10	Cont'd	
400		22	Y		90 0		
		23	W		90 10		
		24	Y		89 50		
		25	W		89 35		
		26	R	1216	89 10		
		27	Y		89 15		
		28	W		89 30		
		29	Y		90 [illegible]		
		30	W		90 00		
		31	R	1218	90 00		
		32	Y		90 00		
		33	W		90 00		
		34	Y		90 00		
		35	W		89 [illegible]		

F.B. [illegible] PG. 52 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date Date No. X-Sec.
Survey by Flamack Notes GWK - 6-25-46 Notes Chkd. Checked
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	
S-24	S-25	1	R	11 55	101°-40'	Coming in	RANGE 329+00
		2	Y		102-35		
		3	W		103-30		
		4	Y		104 25		
		5	W		105-10		
		6	R	12.00	104-35	? 105.35	
		7	Y		105-10	? 106.10	
		8	W		105-55	? 106.55	
		9	Y		107-10		
		10	W		108-15		
		11	R	12 06	111-10		
		12	Y		112-45		
		13	W		116-15		
		14	Y		118-15		
		15	W		120 55		
		16	R	12 11	122 10		
		17	Y		123 20		
		18	W		124 45		
		19	Y		125 35		
		20	W		126 30		

329+00 S
Cut in.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 118 Pg. 53
Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. ____ Notes Chkd. ____ Checked ____ Survey by Maurer Notes STOCK Date 6-25-46
No. ____ Date ____ Date ____ Map No. ____ Indexed by C. Johnson

FORM 307 2M 8-45.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
S 24	S 25	21	R	12 14	128-00	Coming In	Range 329+00
		22	Y		129 35		
		23	W		131 15		
		24	Y		133 20		
		25	W		134 40		
		26	R	12 17	136-25		
		27	Y		138 35		
		28	W		140 50		
		29	Y		142 40		
		30	W		144-50		
		31	R	12 19	145 30		
		32	Y		149-10		
		33	W		151-15		
		34	Y		153 25		
		35	W		155 55	End Line	

F.B. [illegible] Pg. 54 Job No. 8412 Division No. Notes Red. Plotted H. U. M. H. Profile
Survey of Beach Erosion - Redondo Date Date No. X-Sec.
Survey by Hemeck Notes Stock 6-25-146 Notes Chkd. Checked
Indexed C. Johnson Date Date No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.		F. S.	ELEV.			
#	Color	Time	Meas. Depth		Bottom	Ht. Tide	Adj. Depth		Remarks
1	R	11 55	52.0	53.0	523	1.7	50.6		Range 329+00
2	Y		50.5	51.6	509		49.2		
3	W		49.6	50.3	498		48.1		Going In
4	Y		48.0	49.2	484		46.7		
5	W		46.0	47.0	463		44.6		
6	R	12 00	45.0	46.0	453	1.7	43.6		
7	Y		44.0	45.0	443		42.6		
8	W		42.8	44.0	432		41.5		
9	Y		41.8	42.8	421		40.4		
10	W		40.5	41.5	408		39.1		
11	R	12 05	39.5	40.5	398	1.7	38.1		
12	Y		38.5	39.8	389		37.2		
13	W		35.8	36.9	362		34.5		
14	Y		33.8	35.2	343		32.6		
15	W		32.3	33.3	326		30.9		
16	R	12 11	31.0	32.2	314	1.8	29.6		
17	Y		30.0	31.0	303		28.5		
18	W		28.5	29.2	287		26.9		
19	Y		27.5	28.5	278		26.0		
20	W		26.0	27.0	263		24.5		

329+00 S
Boat

Profile No. ____ Notes Red. [illegible] Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. [illegible]
Date 7-18-46 Date ____ Survey of Beach Erosion - Recorded
X:Sec. Notes Chkd. [illegible] Checked ____ Survey by Plemel Notes R.G. Date [illegible]
No. ____ Date 8-22-46 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.		
#	Color	Time		Meas. Depth		Bottom	Ht. Tide	Adj. Depth	Remarks
21	R	12	13	24.8	25.8	251	1.8	23.3	Range 329+00
22	Y			23.5	24.5	238		22.0	
23	W			22.0	23.5	225		20.7	Coming In
24	Y			20.5	22.0	210		19.2	
25	W			19.5	20.8	199		18.1	
26	R	12	16	18.0	19.5	185	1.8	16.7	
27	Y			17.0	18.2	174		15.6	
28	W			15.5	16.5	158		14.0	
29	Y			14.0	16.0	147		12.9	
30	W			13.0	14.5	135		11.7	
31	R	12	18	11.5	13.0	120	1.8	10.2	
32	Y			10.0	11.0	103		8.5	
33	W			8.5	9.5	88		7.0	
34	Y			7.0	8.5	75		5.7	
35	W			4.8	5.8	51		3.3	The End

F.B. 1186 Pg. 56
Job No. 8412 Division No.
Survey of Beach Erosion - Redondo
Survey by Weigert Notes R.A. - 6-25-'46
Indexed A. C. Johnson Date
Notes Red. [illegible] Date 7-18-46
Notes Chkd. [illegible] Date 8-22-46
Plotted H.U.M.H. Date
Checked Date
Profile No.
X-Sec. No.

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

75

STATION	B. S.	H. I.	F. S.	ELEV.		
329+00	155	2260		2105	From pg. 17	
			14	212	9'R. - Edge Road	
			83	143	21'R - T.B. - Ed. Beach	
			98	128	34'R - Beach	
			117	109	51'R - "	
T.P.	038	1127	1171	1089		
			31	82	71'R - "	
			109	04	116'R - Ed water	
			126	-13	127'R - water	
			113	00	150'R - "	
			113	00	189'R - "	
			132	-19	246'R - "	
			140	-27	275'R - "	
			147	-34	281'R - "	

Range Line ∠ = 90°
F.S. on "S-23"

329+00 S
Shore

Profile No. ____ Plotted H.U.M.M. Job No. 8412 Division No. ____ F.S. ____
Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Kleinecke Notes Cult. Date 6-7-46
Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson Date ____

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

70'

STATION	B. S.	H. I.	F. S.	ELEV.		
330+50	092	2111		2019	From pg. 17	
			06	205	8'R. - Ed. Road	
			63	148	17'R - T.B. - Edge Beach	
			76	125	29'R - Beach	
			95	116	56'R - "	
T.P.	295	1218	1188	923		
			119	03	119'R - Ed. water	
			140	-18	126'R - Water	
			149	-27	164'R - "	

Range Line ∡ = 90°
F.S. on "5-23"

330+50
Shore

B 1144 Pg. 56 Job No. 8442 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Klamecke Notes Gulk - 6-7-46 Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

FORM 307 2M 6-48

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
330 +50	5-23"	1	R	7 07	92 10	Range Line ∡ = 90° F.J. on 5-23"
		2	Y		92 10	
		3	W		92 25	
		~~4~~	~~Y~~		~~91 45~~	out.
		4 ~~5~~	W		90 30	
		5 ~~6~~	R	7 23	90 00	
		6 ~~7~~	Y		89 05	
		7 ~~8~~	W		89 15	
		8 ~~9~~	Y		90 15	
		9 ~~10~~	W		90 05	
		10 ~~11~~	R	7 37	89 55	
		11 ~~12~~	Y		90 40	
		12 ~~13~~	W		89 40	
		13 ~~14~~	Y		88 45	
		14 ~~15~~	W		89 25	
		15 ~~16~~	R	7 47	89 05	
		16 ~~17~~	Y		89 20	
		17 ~~18~~	W		90 20	
		18 ~~19~~	Y		91 25	
		19 ~~20~~	W		91 35	

330 +50 S
Range.

No. ____ Date ____ Survey of Beach Erosion - Records
X-Sec. ____ Name Chkd. ____ Checked ____ Survey by Hewes Notes GWE Date 6-26-46
No. ____ 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	
330	5.23	20 ~~21~~	R	7.52	91.50	Contd.	
+50		21 ~~22~~	Y		92.15		
		22 ~~23~~	W		90.35		
		23 ~~24~~	Y		90.55		
		24 ~~25~~	W		91.00		
		25 ~~26~~	R	7.56	90.40		
		26 ~~27~~	Y		90.40		
		27 ~~28~~	W		92.00		
		28 ~~29~~	Y		89.35		
		29 ~~30~~	W		90.10		
		30 ~~31~~	R	8.00	92.00		
		31 ~~32~~	Y		91.55		
		32 ~~33~~	W		90.15		
		33 ~~34~~	Y		88.50		
		34 ~~35~~	W		88.50		
		35 ~~36~~	R	8.05	90.00		

F.B. 185 Pg. 80 Job No. 8412 Division No. Notes Red. Date Plotted M.U.M.K. Date No. Profile

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

Survey by Kleinert Notes Date

Indexed C. Johnson

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	
522 ~~S 23~~	523 ~~S 24~~	1	R	7 07	75° 35'	COMING IN	RANGE 330+50
		2	Y		75° 05'		
		3	W		74° 50'		
		4	W		72° 35'		
		5	R	7 23	71° 35'		
		6	Y		70° 15'		
		7	W		69° 30'		
		8	Y		70° 0'	— ? 68.00?	
		9	W		68° 40'		
		10	R	7 37	67° 15'		
		11	Y		67° 20'	— ? 66.20	
		12	W		64° 50'		
		13	Y		63° 15'		
		14	W		60° 30'		
		15	R	7 47	58° 45'		
		16	Y		58° 15'		
		17	W		58° 20'	— ? 57.20	
		18	Y		56° 20'		
		19	W		54° 15'		
		20	R	7 52	53° 0'		

330+50 S
Cut in.

Profile No. ____ Notes Red. ____ Plotted H.O.M.H. Job No. 847 Division No. ____ F.B. 145 Pg. 67
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meineck Notes Stock Date 6-26-46
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	
S22 ~~S 23~~	S23 ~~S 24~~	21	Y		52° 20'	COMING IN	RANGE 330+50
		22 ~~23~~	W		50° 10'		
		23 ~~24~~	Y		48° 30'		
		24 ~~25~~	W		46° 0'		
		25 ~~26~~	R	7 56	44° 10'		
		26 ~~27~~	Y		42° 15'		
		27 ~~28~~	W		41° 05'		
		28 ~~29~~	Y		37° 10'		
		29 ~~30~~	W		35° 40'		
		30 ~~31~~	R	8 00	32° 55'		
		31 ~~32~~	Y		30° 50'		
		32 ~~33~~	W		27° 50'		
		33 ~~34~~	Y		25° 45'		
		34 ~~35~~	W		25° 25'		
		35 ~~36~~	R	8 05	23° 20'	END OF LINE	

F.B. 1185 Pg. 62 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date 6-26-46 Date No. X-Sec.
Survey by Meineck Notes STOCK-6-26-46 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 Rec. Date 7-18-46 Plotted H.U.M.K. Job No. 8412 Division No.
No. Date Date
X-Sec. Notes Chkd. Checked Survey of Beach Erosion - Redondo area
No. Date Date Survey by Klein & Hubbell Notes Keyed Date
Map No. Indexed C. Jabbar

STATION		B. S.	H. I. Beach Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
#	Color	Time					
1	C	7:07	53.0 - 55.0	53.7	3.9	49.8	Range 330 +50
2			52.0 - 54.0	52.7		48.8	Going in
3			50.5 - 52.2	51.1 ~~50.6~~		47.2	
~~4~~			~~47.0 - 50.8~~	~~49.6~~			
4	W		48.0 - 49.8	48.6		44.7	
5	C	7:23	47.0 - 48.5	47.5	3.9	43.6	
6	Y		45.5 - 47.0	46.0		42.1	
7	W		44.0 - 46.0	44.7		40.8	
8			42.0 - 45.0	43.7		39.8	
9			41.9 - 43.0	42.3		38.4	
10		7:37	40.2 - 41.9	40.8	3.9	36.9	
11			39.5 - 40.8	39.9		36.0	
12			38.5 - 39.8	38.9		35.0	
13			37.5 - 39.0	38.0		34.1	
14			36.0 - 37.0	36.3		32.4	
15	C	7:47	34.5 - 35.8	34.9	3.9	31.0	
16			33.5 - 35.0	34.0		30.1	
17	W		32.0 - 34.0	32.7		28.8	
18	Y		30.5 - 32.0	31.0		27.1	
19	W		29.0 - 30.8	29.6		25.7	

330 +50 Boat S

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____
Job No. 647 Division No. 2 Redondo Notes Red. 7-12 Plotted H.U.M.H.
Survey of Beach Erosion Date 7-18-46 Date ____
Survey by Fenner Notes Hudson-Jacobsen-Johnson Notes Chkd. LCM Checked ____
Indexed A. C. Johnson Date ____ Date 8-22-46

STATION		B. S.	H. I.	F. S.	ELEV.		
#	Color	Time	Meas. Depth	Bottom	Tide	Adj. Depth	Remarks
20	R	7:52	27.8-30.0	28.5	3.8 ←	24.7 ←	Range 330 to 0 (Cont.)
21	Y		27.0-28.8	27.6		23.8 ←	Going in —
22	W		25.5-27.0	26.0		22.2 ←	
23	Y		24.0-25.5	24.5		20.7 ←	
24	W		23.0-24.5	23.5		19.7 ←	
25	R	7:56	21.5-23.0	22.0	3.8 ←	18.2 ←	
26	Y		20.0-22.5	20.8		17.0 ←	
27	W		19.5-21.0	20.0		16.2 ←	
28	Y		18.0-19.5	18.5		14.7 ←	
29	W		16.5-18.5	17.3		13.5 ←	
30	R	8:00	15.0-16.8	15.6	3.8 ←	11.8 ←	
31	Y		13.5-16.0	14.3		10.5 ←	
32	W		11.8-13.5	12.~~4~~		~~8.9~~ 8.6	
33	Y		10.5-12.5	11.~~2~~		~~7.3~~ 7.4	
34	W		9.2-10.3	9.6		5.8 ←	
35	R	8:05	7.0-8.9	7.6	3.8 ←	3.8	End of line —

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
332 +00	5-23	1	R	8 17	90 40	Range Line ∡ = 90° F.S. on "S 23"
		2	Y		89 30	
		3	W		90 25	
		4	Y		92 45	
		5	W		90 35	
		6	R	8 22	89 20	
		7	Y		89 25	
		8	W		89 25	
		9	Y		89 45	
		10	W		89 35	
		11	R	8 26	89 20	
		12	Y		90 15	
		13	W		91 00	
		14	Y		92 10	
		15	W		89 40	
		16	R	8 31	89 00	
		17	Y		91 20	
		18	W		92 00	
		19	Y		90 50	
		20	W		91 15	

332 +00 S
Range.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1185 Pg. ____
Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Meinecke Notes Gulf Date 6-26-46
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	
332	5-23	21	R	835	90 20	Cont'd	
400		22	Y		90 30		
		23	W		90 35		
		24	Y		90 40		
		25	W		90 40		
		26	R	839	90 15		
		27	Y		89 55		
		28	W		89 15		
		29	Y		89 50		
		30	W		89 50		
		31	R	844	90 15		
		32	Y		90 10		
		33	W		90 15		
		34	Y		89 20		
		35	W		89 30		
		36	R	852	89 40		
		37	Y		89 55		
		38	W		90 10		
		39	Y		90 10		
		40	W		90 15		

F.B. 4185 Pg. 66
Job No. 8412 Division No.
Survey of Beach Erosion - Redondo
Survey by Kleineck Notes Bwk. 6-26-46
Indexed C. Johnson Date
Notes Red. Date
Notes Chkd. Date
Plotted H.U.M.H. Date
Checked Date
Profile No.
X-Sec. No.

Profile No.______ Notes Rcd.______ Date______ Plotted H. U. M. H. Date______ Job No. 8417 Division No.______ F.B. 1104 Pg. 65

X:Sec. No.______ Notes Chkd.______ Date______ Checked______ Date______

Survey of Beach Erosion - Redondo

Survey by Klemeck Notes GWK. Date 6-26-46

Map No.______ Indexed A. C. Johnson

332+00 S
Range.

STATION At	B.S. Sight On	H.I. Color	F.S. Time	ELEV. Hor. Ang.	Remarks
332+00	5-23				Con't
	41	R	8:58	90 20	
	42	Y		90 25	
	43	W		90 30	
	44	Y		90 30	
	45	W		90 25	

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 8-45

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
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. 1185 PG. 68

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	
S22 ~~S-23~~	S23 S-24	1	R	8 17	20°-45'	Going Out	RANGE 332+00
		2	Y		21-50		
		3	W		22 45		
		4	Y		24-35		
		5	W		25-20		
		6	R	8 22	26-10		
		7	Y		27-50		
		8	W		28-45		
		9	Y		29-35		
		10	W		32-00		
		11	R	8 26	34-05		
		12	Y		36-40		
		13	W		38-15		
		14	Y		40-40		
		15	W		41-25		
		16	R	8 31	43-35		
		17	Y		44-35		
		18	W		46-15		
		19	Y		48-15		
		20	W		50-00		

332+00 S
Cut in

Profile No. ____ Notes Red. ____ Plotted H.U.M.W. Job No. 8412 Division No. ____ F.B. [illegible] Pg. [illegible]
Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Harmon Notes STOCK Date 6-26-46
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	
~~S 23~~ S22	~~S 24~~ S23	21	R	8 35	50-45	Going Out	Range 332+00
		22	Y		51-55		
		23	W		53-00		
		24	Y		54-40		
		25	W		55-35		
		26	R	8 40	56-55		
		27	Y		57-35		
		28	W		58-40		
		29	Y		59-25		
		30	W		60-40		
		31	R	8-45	61-35		
		32	Y		62-30		
		33	W		63-55		
		34	Y		64-35		
		35	W		65-25		
		36	R	8 53	66-20		
		37	Y		67-25		
		38	W		68-05		
		39	Y		68-55		
		40	W		69 35		

F.B. MSFG. PD Job No. 8412 Division No. Notes Red. Plotted H.U.M. Profile
Survey of Beach Erosion—Redondo Date 6-26-46 Date No.
Survey by Meineck Notes Stock-6-26-46 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	
S22 ~~S23~~	S23 ~~S24~~	41	R	8-58	70-00	Going Out	Range 332+00
		42	Y		70-30		
		43	W		71-00		
		44	Y		71-30		
		45	W		71-45	End of Line	

332+00 S
Cut in.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. [illegible]
No. ____ Date ____ Date ____ Survey of Beach Erosion-Redondo
X:Sec. ____ Notes Chkd. ____ Checked ____ Survey by Kleinert Notes Check Date 6-26-46
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.

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

F.B. 118 Pg. 72

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.

Profile Notes Red. Plotted H.U.M.M. Job No. 8412 Division No.
No. Date 7-18-46 Date Survey of Beach Erosion - Redondo Area
X-Sec. Notes Chkd. Checked Survey by Klemmedson Notes Hobson Date 6-26-46
No. Date 8-22-46 Date Map No. Indexed A. C. Jones

STATION		B. S.	H. I. Mean Depth	F. S. Bottom	ELEV. Mn. Tide	Adj. Depth	Remarks
#	Color	Time					
1	R	8:17	6.9-8.~~0~~ 7	7.3	3.7 ✓	3.6 ✓	Range 332+00 —
2	Y		8.0-10.5	~~8.7~~ 8.8		~~5.0~~ 5.1	Going out
3	W		8.8-12.0	9.9		6.2 ✓	
4	Y		10.2-13.0	11.1		7.4 ✓	
5	W		11.5-14.0	12.3		8.6 ✓	
6	R	8:22	12.5-14.2	~~13.4~~ 13.1	3.6 ✓	~~9.8~~ 9.5	
7	Y		13.5-15.2	~~14.4~~ 14.1		~~10.8~~ 10.5	
8	W		14.5-16.3	15.1		11.5 ✓	
9	Y		15.5-16.5	15.8		12.2 ✓	
10	W		16.8-18.0	17.2		13.6 ✓	
11	R	8:26	18.2-19.5	18.6	3.6 ✓	15.0 ✓	
12	Y		19.5-21.0	20.0		16.4 ✓	
13	W		20.8-22.0	21.2		17.6 ✓	
14	Y		22.2-23.8	22.7		19.1 ✓	
15	W		23.0-24.8	23.6		20.0 ✓	
16	R	8:31	24.0-25.0	24.3	3.6 ✓	20.7 ✓	
17	Y		24.8-26.8	25.6		21.9 ✓	
18	W		26.0-27.9	26.6		23.0 ✓	
19	Y		27.0-28.8	27.6		~~24.0~~ 24.0 ✓	
20	W		28.0-31.0	29.0		25.4 ✓	

Boat 332+00 S

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 1130 Pg. 24 — Job No. 842 — Division No. — Profile No. — X-Sec. No.

Survey of Beach Erosion—Redondo — Notes Hebbon-Latham — Plotted H.U.M.H. — Notes Red. AE — Date 7-18-46

Survey by A. C. Johnson — Date — Notes Chkd. LCM — Checked — Date 8-22-46

Indexed — Date

STATION #	Color	Time	H. I. Mean Depth	F. S. Bottom	ELEV. Ft Tide	Adj. Depth	Remarks
							26.3
21	R	8:35	29.0-31.5	~~29.5~~ 29.8	3.5	~~26.0~~	Range 532+00
22	Y		30.5-32.2	31.1		27.6	Going out
23	W		31.5-33.0	32.0		28.5	
24	Y		32.5-34.5	33.2		29.7	
25	W		33.5-35.2	34.1		30.6	
26	R	8:40	34.8-36.5	~~35.2~~ 35.4	3.5	~~31.7~~ 31.9	
27	Y		35.3-37.2	35.9		32.4	
28	W		36.5-38.0	37.0		33.5	
29	Y		37.5-38.8	37.9		34.4	
30	W		38.2-40.0	38.8		35.3	
31	R	8:45	39.3-40.3	39.6	3.5	36.1	
32	Y		40.0-41.8	40.6		37.1	
33	W		41.2-44.0	42.1		38.6	
34	Y		42.4-43.2	42.7		39.2	
35	W		43.3-44.8	43.8		40.3	
36	R	8:52	44.5-45.8	44.9	3.4	41.5	
37	Y		45.3-47.0	45.9		42.5	
38	W		46.3-47.8	46.8		43.4	
39	Y		47.0-49.0	47.7		44.3	
40	W		48.0-50.0	48.7		45.3	

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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
41	R	8:58	49.5-51.0	50.0	3.3 ✓	46.7 ✓	Range 332+00
42	Y		50.5-52.0	51.0		47.7 ✓	Going out —
43	W		51.2-52.6	51.7		48.4 ✓	
44	Y		52.6-53.8	53.0		49.7 ✓	
45	W		53.8-55.0	54.2		50.9 ✓	End of line —

332+00 S
Boat

Profile No. ____ Notes Rcd. [illegible] Plotted ____ Job No. 8412 Division No. ____
Date 7-18-46 Date ____ Survey of Beach Erosion-Redondo Area
X:Sec. Notes Chkd. CCW Checked ____ Survey by Reiner & Notes Hobson Date 6-26-46
No. ____ Date 8-22-46 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.		
Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks

F.B. 17 Pg. 76

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

Survey of ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

FORM 307 2M 11-41

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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.		
332+00	161	21 30		1969	From pg. 17	
			164	1966	7' R. - Ed. paved Road	
			16	197	9' R. - Brk. - T.B	
			61	152	15' R - " - Bot. B. - Ed. Beach	
			73	140	28' R - Beach.	
			89	124	41' R - "	
			91	122	63' R - "	
T.P.	080	10 57	1153	977		
			45	61	95' R - "	
			98	08	132' R. - Ed. Water	
			108	-02	135' R - water	
			107	-01	151' R. "	
			110	-04	190' R - "	
			112	-06	221' R - "	
			118	-12	252' R - "	
			125	-19	288' R - "	
			133	-27	296' R. - "	
			137	-31	305' R - "	

Range Line ∡ = 90° F.S. on 5-23

332+00 S
Shore

No. Date Date Survey of Beach Erosion - Redondo
X-Sec. Notes Checked Survey by [illegible] Notes [illegible] Date 6-18-46
No. Date Date Map No. Indexed A. C. Johnson

FORM 307 2M 11-41

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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.		
333+00	099	2110		2011	From pg. 17	
			105	2005	6' R. - Ed. paved Road.	
			07	204	8' R. - Brk. - T.B.	
			50	161	16' R - " - Bot. B. - Ed. Beach	
			69	142	42' R - Beach.	
			82	129	60' R - " .	
T.P.	197	1105	1202	[illegible]08		
			24	[illegible]6	90' R - " .	
			107	03	138' C - Ed. Water	
			125	-15	149' R - Water	
			130	-20	166' R - " .	
			122	-12	195' R - " .	
			122	-12	201' C - " .	
			123	-13	225' C - " .	
			124	-14	233' C - " .	
			136	-26	253' C - " .	
			139	-29	260' C - " .	
			142	-32	265' R - " .	

Range Line ∢ = 90° F.J. on "5-23"

333+00 Shore

P.B. 1155 Pg. 78 Job No. 8412 Division No. Notes Red. Plotted Date No.
Survey of Beach Erosion - Redondo Date Checked X-Sec.
Survey by Hamecke Notes Chkd. Date No.
Indexed C. Johnson Date

FORM 307 2M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
333	5-23	1	R	9.17	90.20	Range Line ∡ = 90° F.S. on 5-23
+00		2	Y		89.35	
		3	W		89.15	
		4	Y		88.25	
		5	W		87.50	
		6	R	9.24	87.15	
		7	Y		90.20	
		8	W		90.35	
		9	Y		90.45	
		10	W		90.50	
		11	R	9.34	90.50	
		12	Y		90.55	
		13	W		91.15	
		14	Y		91.35	
		15	W		91.30	
		16	E	9.40	91.25	
		17	Y		89.50	
		18	W		89.00	
		19	Y		89.00	
		20	W		88.50	

333+00 S
Range.

Project M.U.M.M. Job No. [illegible] Division No.
No. Date Date Survey of Beach Erosion - Redondo
Notes Chkd. Checked Survey by [illegible] Notes [illegible] Date 10-20-[illegible]
No. Date Date Map No. Indexed [illegible] C. Johnson Date
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	
333	5-23	21	Y		88 30	Cont'd	
+00		22	R	948	88 05		
		23	Y		88 50		
		24	W		89 20		
		25	Y		89 45		
		26	W		89 35		
		27	R	953	89 50		
		28	Y		89 45		
		29	W		90 00		
		30	Y		90 10		
		31	W		91 40		
		32	R	958	90 15		
		33	Y		92 30		
		34	W		91 15		
		35	Y		90 15		
		36	W		88 20		
		37	R	1006	91 20		

F.B. 1175 Pg. 30 Job No. 8412 Division No. Notes Red. Plotted M. Date No. Sec.
Survey of Beach Erosion - Redondo Date Checked No.
Survey by Alexander Notes Gwk. - 6-26-46 Notes Chkd. Date
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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
522 ~~523~~	523 ~~524~~	1	R	9 17	69° 50'	Coming In	Range 333+00
		2	Y		68° 35'		
		3	W		68° 10'		
		4	Y		66° 50'		
		5	W		65° 50'		
		6	R	9 24	64° 30'		
		7	Y		65° 50' — out	63.50	
		8	W		65° 10' — out	63.10	
		9	Y		64° 20'	62.20	
		10	W		63° 50'	61.50	
		11	R	9 34	63° 10'	61.10	
		12	Y		62° 15'	60.15	
		13	W		61° 40'	59.40	
		14	Y		60° 45'	58.45	
		15	W		59° 30'	57.30	
		16	R	9 40	58° 30'	56.30	
		17	Y		56° 05'		
		18	W		54° 20'		
		19	Y		53° 10'		
		20	W		52° 10'		

333+00 S
Cut in.

Profile No. ____ Date ____ Notes Chkd. ____ Date ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ Date ____ Checked ____ Map No. ____ Survey of Beach Erosion - Redondo Survey by Hamock Notes Stock Date 6-26-46 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	
S22 ~~S-23~~	S23 ~~S-24~~	21	Y		50° 50'	COMING IN	RANGE 333 + 00
		22	R	9 48	49° 30'		
		23	Y		48° 20'		
		24	W		47° 25'		
		25	Y		46° 25'		
		26	W		44° 15'		
		27	R	9 53	42° 10'		
		28	Y		40° 25'		
		29	W		38° 10'		
		30	Y		36° 50'		
		31	W		34° 05'		
		32	R	9 58	31° 20'		
		33	Y		29° 0'		
		34	W		27° 15'		
		35	Y		23° 45'		
		36	W		21° 10'		
		37	R	10 06	20° 0'	END OF LINE.	

F.B. 49 Pg. 82 Job No. 8412 Division No. Notes Red. Date 6-26-46 Plotted H.U.M.H. Date No. Profile
Survey of Beach Erosion - Redondo Notes Chkd. Date 6-26-46 Checked Date No. X-Sec.
Survey by Meineck Notes STOCK - 6-26-46 Date
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 Notes Red 245 Plotted R.U.M. Job No. 8417 Division No. F.B. 1165 P. 12
No. Date 7-18-46 Date Survey of Beach Erosion Redondo Area
X-Sec. Notes Chkd Checked Survey by Klauser Notes Hobson Date 6-6-46
No. Date 8-22-46 Date Map No. Indexed J. C. Johnson

STATION		B. S.	H. I. Mean Depth	F. S. Bottom	ELEV. Ft. Tide	Adj. Depth	Ck.	Remarks
#	Color	Time						
1	R	9:18	53.0-54.5	53.6	3.1	50.4	Range 333+00	
2	Y		52.0-53.5	52.5		49.4	Going In —	
3	W		50.5-52.0	51.0		47.9		
4	Y		49.5-51.0	50.0		46.9		
5	W		48.5-50.0	49.0		45.9		
6	R	9:24	47.0-48.8	47.6	3.1	44.5		
7	Y		45.5-47.0	46.0		42.9		
8	W		44.5-46.2	45.1		42.0		
9	Y		43.0-44.5	43.5		40.4		
10	W		42.0-43.6	42.5		39.4	or ↓	
11	R	9:34	40.8-42.2	41.3	3.0	38.3		
12	Y		40.2-42.0	40.8		37.8		
13	W		39.5-41.7	40.2		37.2		
14	Y		38.0-39.8	38.6		35.6		
15	W		37.0-39.0	37.7		34.7		
16	R	9:40	36.5-38.6	37.2	3.0	2.9	34.2	34.3
17	Y		35.5-36.8	35.9			32.9	33.0
18	W		34.0-35.6	34.5			31.5	31
19	Y		32.5-34.8	33.3			30.2	30
20	W		31.8-33.5	32.5			29.5	29.6

Boat 4 33+00 S

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 1185 Pg. 84 — Job No. 8412 Division No. — Survey of Rancho Encino-Tedemko — Survey by Palmer Notes Hydrographic Survey-Lake Hollywood — Indexed by C. Johnson Date — Profile No. — X-Sec. No. — Plotted H.U.M.M. Date 7-18-46 — Checked Date 8-22-46 — Notes Red. — Notes Chkd.

STATION #	Color	B. S. Time	H. I. Water Depth	F. S. Bottom	ELEV. Ft. Tide	Adj. Depth	Remarks
						28.9	
21	Y		31.2-33.0	31.8	~~3.0~~ 2.9	~~28.8~~ 26.0	~~33~~ Range 333100
22	R	9:49	29.8-31.0	30.2	2.9 ←	27.3 ←	Going in —
23	Y		28.8-30.2	29.3		26.4 ←	
24	W		27.8-29.5	28.4		25.5 ←	
25	Y		27.0-28.8	27.6		24.7 ←	
26	W		25.5-27.3	26.1		23.2 ←	
27	R	9:53	24.0-26.3	24.8	2.8 ←	22.0 ←	
28	Y		23.0-25.0	23.7		20.9 ←	
29	W		21.6-23.0	22.1		19.3 ←	
30	Y		20.5-22.0	21.0		18.2 ←	
31	W		18.8-20.0	19.2		16.4 ←	
32	R	9:58	17.0-19.0	17.7	2.8 ←	14.9 ←	
33	Y		15.5-16.8	15.9		13.1 ←	
34	W		14.0-15.5	14.5		11.7 ←	
35	Y		12.5-14.0	13.0		10.2 ←	
36	W		9.8-11.5	10.4		7.6 ←	
37	R	10:06	6.5-8.5	7.2	2.7 ←	4.5 ←	The End of line —

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		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
334	5-24	1	R	1017	9110	Range Line ∡ - 90° F.S. on 5-24	
400		2	Y		9030		
		3	W		9240		
		4	Y		8905		
		5	W		8935		
		6	R	1022	9055		
		7	Y		9050		
		8	W		9240		
		9	Y		9150		
		10	W		9220		
		11	R	1028	9050		
		12	Y		9040		
		13	W		9125		
		14	Y		9115		
		15	W		9040		
		16	R	1035	9130		
		17	Y		9100		
		18	W		8940		
		19	Y		9050		
		20	W		9105		

334+40 8
Range.

Profile No. ____ Notes Red. ____ Plotted N.U.M.H. Job No. 8440 Division No. ____ F.S. No. ____
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by Kleinert Notes G.W.K. Date 6-26-46
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.

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
334	5-24	21	R	1041	90 30	Cont'd	
+00		22	Y		91 10		
		23	W		91 10		
		24	Y		9[illegible] 30		
		25	W		91 20		
		26	R	1049	90 20		
		27	Y		89 25		
		28	W		91 30		
		29	Y		89 30		
		30	W		90 25		
		~~31~~	~~R~~	~~1058~~	~~90 10~~	cut.	
		31 ~~32~~	R	1059	90 25		
		32 ~~33~~	Y		91 20		
		33 ~~34~~	W		91 25		
		34 ~~35~~	Y		91 10		
		35 ~~36~~	W		91 25		
		36 ~~37~~	R	1110	90 20		
		37 ~~38~~	Y		89 20		
		38 ~~39~~	W		90 25		
		39 ~~40~~	Y		91 10		

F.B. 1186 Pg. 86 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date Date No. X-Sec.
Survey by Bleiner Notes Shelf - 6-26-46 Notes Chkd. Checked
Indexed L. 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		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
334	5-24	40 ~~44~~	W		90 30	Cont'd.	
400		41 ~~44~~	R	11 20	90 05		

Profile No. ____ Notes Red. ____ Plotted H. L. M. H. Job No. 842 Division No. ____ F.B. No. ____
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by Mainesh Notes Gwt Date 6-10-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson

334+00 S
Range.

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 ____ Notes ____

Survey by ____ Date ____

Indexed ____

F.B. 1199 pg. 86

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. Sight						
At On	#	Solar	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.		
~~Inst.~~ At	Sight On	#	Color	Time	Hor. Ang.	Remarks	
S22 ~~S-23~~	S23 ~~S-24~~	1	R	10 17	17°-20'	Going out	RANGE 334+00
		2	Y		19-10		
		3	W		20-10		
		4	Y		20-55		
		5	W		21-35		
		6	R	10 23	22-55		
		7	Y		23-40		
		8	W		25-25		
		9	Y		27-20		
		10	W		28-50		
		11	R	10 29	30-20		
		12	Y		31-35		
		13	W		33-30		
		14	Y		34-55		
		15	W		36-55		
		16	R	10 36	39-35		
		17	Y		41-45		
		18	W		42-35		
		19	Y		45-35		
		20	W		4[illegible]-45		

334+00 S
cut in.

Profile No. ____ Notes Red. ____ Date ____ Plotted H.U.M.H. Job No. 847 Division No. ____ F.B. [illegible]
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Survey of Beech Erosion - Redondo
Survey by Maurice Notes Stock Date 6-26-46
Map No. ____ Date ____ Indexed C. Johnson Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
S22 ~~S23~~	S23 ~~S24~~	21	R	10 42	48-50	Going Out	RANGE 334+00
		22	Y		50-40		
		23	W		52-00		
		24	Y		53-05		
		25	W		54-50		
		26	R	10 50	56-50		
		27	Y		56-0	?	
		28	W		58-35		
		29	Y		58-35	?	
		30	W		60-0		
		~~31~~	~~R~~	~~10 58~~	~~60-25~~	OUT	
		31 ~~32~~	R	10 59	61-40		
		32 ~~33~~	Y		63-15		
		33 ~~34~~	W		64-15		
		34 ~~35~~	Y		65-40		
		35 ~~36~~	W		67-15		
		36 ~~37~~	R	11 11	67-20		
		37 ~~38~~	Y		66-25		
		38 ~~39~~	W		68-00		
		39 ~~40~~	Y		69-30		

F.B. 119 Pg. 96 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date Date No. X-Sec.
Survey by Heineck Notes Stock 6-26-66 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		B. S.	H. I.	F. S.	ELEV.		
~~Inst.~~ At	~~Sight~~ On	#	Color	Time	Hor. Ang.	Remarks	
S22 ~~S23~~	S23 ~~S24~~	40 ~~41~~	W		69-45	Going out	Range 334+00
		41 ~~42~~	R	11 21	69-40	? End of Line	

334+00 S
Cut in.

Profile No. ____ Notes Red. ____ Plotted H.U.M. 14 Job No. 8412 Division No. ____ F.B. [illegible]
Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Meinock Notes Chk. Date 6-30-46
Date ____ Date ____ Map No. ____ 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.

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. 1176 Pg. 91

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

FORM 307 2M 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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. Mean Depth	F. S. Bottom	ELEV. Ft. Tide	Adj. Depth	Remarks
1	R	10:17	5.5 - 7.0	6.0	2.6	3.4	Range 334+00
2	Y		7.0 - 9.0	7.7		5.1	Going out
3	W		8.0 - 9.5	8.5		5.9	
4	Y		9.0 - 10.5	9.5		6.9	
5	W		9.8 - 11.0	10.2		7.6	
6	R	10:22	10.5 - 12.0	11.0	2.5	8.5	
7	Y		12.0 - 14.0	12.7		10.2	
8	W		13.0 - 15.5	13.8		11.3	
9	Y		14.5 - 15.6	14.9		12.4	
10	W		15.4 - 16.8	15.9		13.4	
11	R	10:29	15.8 - 16.8	16.1	2.4	13.7	
12	Y		17.0 - 18.8	17.6		15.2	
13	W		18.3 - 19.8	18.8		16.4	
14	Y		19.5 - 20.8	19.9		17.5	
15	W		20.8 - 23.0	21.6		19.1	
16	R	10:36	~~22.5~~ - 24.5	23.2	2.4	20.8	
17	Y		~~24.0~~ - 25.5	24.5		22.1	
18	W		26.0 - 26.0	25.3		22.9	
19	Y		26.5 - 28.5	27.2		24.8	
20	W		27.8 - 30.0	28.5		26.1	

Name Rec. [illegible] Date 7-18-46 Checked [illegible] Date 6-22-46

Form [illegible] Date [illegible] Checked [illegible] Date 6-26-46

No. [illegible] Sht. No. [illegible] Survey of Beach Erosion - Redondo Beach

Notes Checked [illegible] Survey by [illegible] Notes Taken by [illegible] Date 6-26-46

No. [illegible] Map No. [illegible] Indexed [illegible] J. Olsson

34 + 00 S

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Job No. 6412 Division No. Platted [illegible] No. X-Sec.
Survey of Rancho Encino-Topanga Notes Red. 1-18-46 Date Checked No.
Surveyed by Meinecke Notes Checked 1-26-46 Date 8-22-46 Date
Indexed A. C. Johnson Date

STATION #	Color	B. S. Time	H. I. Mean Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
21	R	10:42	29.2-31.0	29.8	2.3	27.5	Range 334700
22	Y		30.5-31.5	30.8		28.5	Going Out
23	W		32.2-33.5	32.6		30.3	
24	Y		33.0-34.0	~~33.7~~	33.3	~~31.4~~ 31.0	
25	W		34.5-36.0	35.0		32.7	
26	R	10:49	35.2-36.5	35.6	2.2	33.4	
27	Y	~~10:49~~	36.0-37.5	36.5		34.3	
28	W		37.0-38.8	37.6		35.4	
29	Y		38.0-40.0	38.7		36.5	
30	W		39.0-40.6	39.5		37.3	
31	R	10:59	40.0-42.0	40.7	2.1	38.6	
32	Y		40.8-42.2	~~41.5~~ 41.3		~~39.4~~ 39.2	
33	W		41.8-42.8	42.1		40.0	
34	Y		43.4-45.6	44.1		42.0	
35	W		44.6-45.8	45.0		42.9	
36	R	11:10	46.0-47.8	46.6	2.1	44.5	
37	Y		47.2-48.8	47.7		45.6	
38	W		48.5-50.0	49.0		46.9	
39	Y		50.0-51.8	50.6		48.5	
40	W		51.0-5.3	51.7		49.6	

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
41	R	11:20	52.5-54.0	53.0	2.0	51.0	Range Going out	334+00

334+00 S
Boat.

Profile No. ____ Notes Red. [illegible] Plotted H.U.M.H. Job No. 8417 Division No. ____ F.S. [illegible]
Date 7-18-46 Date ____ Survey of Beach Erosion - Redondo Area
X-Sec. No. ____ Notes Chkd [illegible] Checked ____ Survey by Kleinecke Notes Hobson Date 6-26-46
Date 8-22-46 Date ____ Map No. ____ Indexed [illegible] Job [illegible]

F.B. 118 Pg. 96

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

Do not extend notes this side of this line.

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

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

FORM 307 2M 11-61

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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.		
334+00	081	2134		2053	From pg. 17	
			093	2041	6'R. - Ed. paved Road	
			05	208	9'R - Brk - T. B.	
			53	160	21'R " - Bot. B. - Ed. Beach	
			84	129	63'R - Beach.	
			100	113	85'R - "	
T.P.	182	1154	1162	972		
			60	55	118'R - "	
			104	11	150'R - Ed. Water	
			124	-09	159'R - Water	
			117	-02	182'R - "	
			122	-07	219'R - "	
			125	-10	246'R - "	
			128	-13	272'R - "	
			139	-24	303'R - "	
			142	-27	308'R - "	

Range Line ∡ = 90° F.S. on "S-24"

334+00 S
Shore.

Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Alexander Notes Guest Date 6-16-47
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 2M 11-41

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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.		
335+50	1 02	22 35		21 33		
			1 17	21 18	6' R. - Ed. paved Road.	
			1 2	21 2	9' R. - Brk - T. B.	
			5 1	17 3	17' R - " - Bot. B. - Ed. Beach	
			7 3	15 1	28' R - Beach	
			8 0	14 4	49' R - "	
			9 1	13 3	63' R - "	
			9 9	12 5	91 R - "	
T.P.	1 59	12 00	11 94	10 4		
			4 9	7 1	122' R - "	
			10 7	1 3	164' R - Ed. water	
			13 0	-1 0	176' R - water	
			13 5	-1 5	202' R - "	
			12 6	-0 6	252' R - "	
			14 2	-2 2	264' R - "	
			14 0	-2 0	289' R -	

335+50 S
Shore.

Range Line ∡ = 90° F.S. on 5-24

F.B. 1185 Pg. 98 Job No. 842 Division No. Notes Red. Plotted M.J.
Survey of Beach Erosion - Redondo Date Date
Survey by Alaneck Notes G.W.H. - 6-18-46 Notes Chkd. Checked X-Sec
Indexed Sec. 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
335	5-24	1	R	6.47	88.25	Range Line ∡ = 90° F.S. on 5-24
450		2	Y		89.20	
		3	W		89.55	
		4	Y		89.55	
		5	W		90.05	
		6	R	6.58	89.35	
		7	Y		89.35	
		8	W		89.35	
		9	Y		89.55	
		10	W		90.00	
		11	R	7.07	89.55	
		12	Y		90.00	
		13	W		90.25	
		14	Y		90.30	
		15	W		90.20	
		16	R	7.14	90.25	
		17	Y		90.05	
		18	W		90.20	
		19	Y		89.55	
		20	W		90.25	

335+50 S
Range.

Profile No. ____ Plotted H.U.M.H. Job No. 8417 Division No. ____ F.B. [illegible]
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X.Sec. ____ Notes Chkd. ____ Checked ____ Survey by Hlemek Notes Gust Date 6-[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
335	5-24	21	E	718	8430	Contd	
450		22	Y		8945	End	

F.B. 1185 PG. 100

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

Survey of Beach Erosion - Redondo Date _____ No. _____

Survey by Heineck Notes Bwk. 6-27-'46 Notes Chkd. _____ Checked _____ X-Sec.

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

FORM 307 2M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
330+50	S-23	1	R	6.47	68° 10'	COMING IN	RANGE 335+50
		2	Y		68° 15'		
		3	W		67° 50'		
		4	Y		66° 50'		
		5	W		66° 10'		
		6	R	6.58	63° 50'		
		7	Y		62° 10'		
		8	W		61° 00'		
		9	Y		59° 55'		
		10	W		57° 50'		
		11	R	7.07	56° 20'		
		12	Y		54° 30'		
		13	W		53° 45'		
		14	Y		53° 00'		
		15	W		49° 55'		
		16	R	7.14	47° 20'		
		17	Y		45° 20'		
		18	W		44° 55'		
		19	Y		42° 40'		
		20	W		40° 40'		

335+50 S
Cut in.

Profile No. ____ Date ____ Notes Chkd. ____ Date ____ Plotted H.D.M.H. Job No. 5412 Division No. ____ Survey of Beach Erosion - Redondo Survey by Hearst Notes Stockman & Co. Inc. 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	
330+50	S-20	21	R	7 18	39° 20'	COMING IN	RANGE 335+50
		22	Y		38° 50'	END OF LINE	

F.B. 14 Pg. 02 Job No. 8442 Division No. Notes Red. Plotted H.U.M.K. Profile
Survey of Beach Erosion - Redondo Date Date No. X-Sec.
Survey by Meineck Notes STOCK 6-27-46 Notes Chkd. Checked No.
Indexed C. Johnson Date Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks
1	R	6:47	30.1-32.0	~~30.4~~ 30.7	3.3 ✓	~~27.1~~	27.4	Range 335 +50
2	Y		29.5-30.8	29.9		26.6 ✓		Going in. —
3	W		28.2-30.6	29.0		25.7 ✓		
4	Y		27.1-29.8	28.0		24.7 ✓		
5	W		25.6-29.5	26.9		23.6 ✓		
6	R	6:58	24.4-28.0	25.6	3.5 ✓	22.1 ✓		
7	Y		23.5-25.2	24.1		20.6 ✓		
8	W		22.1-25.1	23.1		~~20.6~~	19.6	
9	Y		20.7-24.5	22.0		18.5 ✓		
10	W		19.9-22.7	20.8		~~17.5~~	17.3	
11	R	7:07	18.7-20.5	~~19.2~~ 19.3	3.5 ✓	~~15.7~~	15.8	
12	Y		17.2-19.8	18.1		14.6 ✓		
13	W		16.3-20.1	17.6		14.1 ✓		
14	Y		15.1-18.5	16.2		12.7 ✓		
15	W		14.4-17.0	15.3		11.8 ✓		
16	R	7:13	13.2-15.2	13.9	3.6 ✓	10.3 ✓		
17	Y		12.2-15.0	13.1		9.5 ✓		
18	W		11.1-14.1	12.1		8.5 ✓		
19	Y		10.2-12.7	11.0		7.4 ✓		
20	W		9.2-12.5	10.3		6.7 ✓		

335 +50 S
Boat.

Profile No. ____ Notes Red. [illegible] Plotted H.U.M.H. Job No. [illegible] Division No. ____
Date 7-22-46 Date ____ Survey of Beach Erosion-Redondo [illegible]
X:Sec. No. ____ Notes Chkd. [illegible] Checked ____ Survey by Kleinecke Notes Hobson Date 6-27-46
Date 8-22-46 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.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
21	R	7:18	8.4-11.2	9:3	3.7	5.6	Range Line 335+50 Cont'd.
22	Y		7.5-9.2	~~8.2~~ 8.1		~~4.5~~ 4.4	End of Line
	~~W~~						

F.B. 118 Pg. 104 Job No. 8412 Division No. Notes Red. Plotted H.L.M. Profile
Survey of Beach Erosion - Redondo Date Date No. X-Sec.
Survey by Klemeck Notes Hobson 6-27-46 Notes Chkd. Lew. Checked No.
Indexed A. C. Johnson Date Date 8-22-46

FORM 307 2M 11-41

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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.		
337+00	1 37	2335		2198		
			142	2193	7' R – Edge paved Road.	
			11	223	10' R – Brk – T.B.	
			53	181	17' R – " – Bot. B – Ed. Beach	
			73	161	30' R – Beach	
			86	148	50' R – "	
T.P.	0 22	1172	1185	1150		
			49	68	126' R – "	
			107	10	185' R – Ed. water	
			130	-13	199' R – water	
			122	-05	230' R – "	
			127	-10	287' R – "	
			139	-22	326' R – "	
			140	-23	335' R – "	
			145	-28	345' R – "	

Range Line ∡ = 90° F.S. on "S 24"
Note: This line abandoned – No boat soundings.

337+00 S
Shore.

Notes Red. ____ Plotted M.I.M.H. Job No. 8472 Division No. ____ F.B. ____
Date ____ Date ____ Survey of Beach Erosion – Redondo
X Sec. ____ Notes Chkd. ____ Checked ____ Survey by Kleineck Notes G.W.K. Date 6-18-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 2M 11-41

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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.		
338+00	121	2364		2243		
			128	2236	6' R = Ed. paved Road.	
			11	225	10' R = Brk - T.B.	
			70	166	22' R = Brk - Bot. B. = Ed. of Beach.	
			95	141	60' R = Beach.	
			120	116	83' R = "	
T.P.	065	1245	1184	1180		
			66	58	131' R = "	
			129	-05	195' R = Ed. Water.	
T.P.	436	837	844	401		
			101	-17	201' R = water.	
			96	-12	214' R = "	
			95	-11	257' R = "	
			108	-24	271' R = "	
			99	-15	287' R = "	
			111	-27	305' R = "	
			111	-27	325' R = "	
			117	-33	346' R = "	
			113	-29	371 R = "	
			117	-33	388' R = "	

338+00 Shore

Range Line ∡ = 82°
F.S. on "5-25"

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

FORM 307 2M 8-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
338	5-25	1	R	734	8205	Range Line ∡ = 82° F.S. on 5-25
400		2	Y		8230	
		3	W		8150	
		4	Y		8145	
		5	W		8200	
		6	R	743	8205	
		7	Y		8140	
		8	W		8120	
		9	Y		8150	
		10	W		8140	
		11	R	748	8155	
		12	Y		8230	
		13	W		8145	
		14	Y		8130	
		15	W		8100	
		16	R	753	8200	
		17	Y		8220	
		18	W		8325	
		19	Y		8035	
		20	W		8255	End.

338400 S
Range.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8442 Division No. ____ F.B. 1156 Pg. 102
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meinert Notes SWK Date 6-27-46
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. ____

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

Survey of ____ Notes ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____

Survey by ____ Date ____ Date ____ Date ____

Indexed ____

F.B. 1105 Pg. 109

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.

39-40

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	7 35	56-40	COMING IN	RANGE 338+00
		2	Y		56-50		
		3	W		55-00		
		4	Y		54-15		
		5	W		51-30		
		6	R	7 44	50-35		
		7	Y		47-50		
		8	W		45-25		
		9	Y		44-20		
		10	W		42-40		
		11	R	7 49	42-40		
		12	Y		41-25		
		13	W		38-50		
		14	Y		37-30		
		15	W		34-35		
		16	R	7 53	34-40		
		17	Y		32-35		
		18	W		32-00		
		19	Y		29-45		
		20	W		27-35	End	

338+00 S
Cut in.

Profile No. ____ Notes Red. ____ Date ____ Plotted H. U. M. H. Job No. 84M Division No. ____ F.B. 1175 Pg 108
X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Beach Erosion - Redondo
Survey by Meineck Notes Stock Date 6-27-46
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.

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Job No. 8412 Division No. Redondo

Survey of Beach Erosion

Survey by Clement Notes ____ Date ____

Indexed ____

F.B. 1175 PG. 110

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Colbr	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	7:34	29.8-31.9	30.5	3.8 ✓	26.7	Range	338+00
2	Y		28.9-31.6	29.8		26.0	Going	in —
3	W		27.8-30.0	28.5		24.7 ✓		
4	Y		26.4-29.8	27.5		23.7 ✓		
5	W		24.0-27.3	25.1		21.3 ✓		
6	R	7:43	23.5-26.4	24.5	3.8 ✓	20.7 ✓		
7	Y		22.1-24.1	22.8		19.0 ✓		
8	W		20.4-23.4	21.4		17.6 ✓		
9	Y		19.0-21.3	19.8		16.0 ✓		
10	W		18.1-19.5	18.6		14.8 ✓		
11	R	7:48	17.0-19.3	17.8	3.9 ✓	13.9 ✓		
12	Y		16.2-19.4	17.3		13.4 ✓		
13	W		14.9-17.5	15.8		11.9 ✓		
14	Y		14.5-17.0	15.3		11.4 ✓		
15	W		12.8-14.6	13.4	3.9 ✓	9.5 ✓		
16	R	7:53	11.6-15.2	12.7		8.8 ✓		
17	Y		9.7-13.8	11.0		~~7.1~~ 7.2		
18	W		8.8-12.0	9.9		6.0 ✓		
19	Y		7.4-11.1	8.6		4.7 ✓		
20	W		6.2-9.0	7.1		3.2	End of line —	

338+00 S
Boat.

Profile No. ____ Notes Red. [illegible] Plotted H.U.M.H. Job No. 8476 Division No. ____ F.B. [illegible] Pg. 111
Date 7-22-46 Date ____ Survey of Beach Erosion-Redondo
X:Sec. No. ____ Notes Chkd. [illegible] Checked ____ Survey by Kleineck Notes Hobson Date 6-27-46
Date 8-22-46 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.

F.B. 111 Pg. 112

Job No. ____ Division No. ____ Profile No. ____ X-Sec. No. ____

Survey of ____ Notes ____ Plotted ____ Date ____ Checked ____ Date ____

Survey by ____ Date ____ Notes Red. ____ Date ____ Notes Chkd. ____ Date ____

Indexed ____

STATION	B. S.	H. I. Meas. Depth	F. S. Bottom	ELEV. Ft. Tide	Adj. Depth	Remarks
# Color	Time					
	1					1

FORM 307 2M 11-41

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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.	
339+00	141	2364		2223	From pg. 18
			14	222	1'R = Ed paved Road
			12	224	4'R = Brk - T. B.
			80	156	22'R = " - Bot. B. = Edge Beach
			102	134	56'R = Beach
T.P.	029	1225	1168	1196	
			13	109	77'R = "
			65	57	117'R = "
T.P.	487	1017	695	530	
			102	00	166'R - Water
			116	-14	174'R - "
			116	-14	202'R - "
			134	-32	263'R - "
			140	-38	290'R - "
			140	-38	297'R - "

Range Line ∡ = 82°
F.S. on "5-25"
Note: This line abandoned - No boat soundings.

339+00 S
Shore.

Project Name Rec. Date Date Survey of Beach Erosion - Redondo
No. Date Date Survey by Klaunck Notes GWK Date 6-19-'46
X-Sec. Notes Chkd. Checked Map No. Indexed C. Jon
No. Date Date Map No. Indexed

FORM 307 2M 11-41

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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.		
340+50	115	2152		2037	From pg. 18	
			125	2027	12'R - Ed. paved Road	
			14	201	17'R - Brk. - T.B.	
			48	167	25'R = Brk. Bot. 5 - Ed. Beach	
			73	142	39'R - Beach.	
			102	113	62'R - "	
TP	021	970	1203	949		
			39	58	100'R - "	
			93	0.4	145'R - Ed. Water	
			106	-09	155'R - Water.	
			105	-08	178'R - "	
			105	-08	218'R - "	
			109	-12	251'R - "	
			120	-23	288'R - "	
			122	-25	298'R - "	
			127	-30	320'R - "	
			133	-36	324'R - "	

Range Line ∡ = 82° F.S. on 5.25'

340+50
Shore.

F.B. 1875 Pg. 114 Job No. 8412 Division No. Notes Red. Plotted H.U.M.M. Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Alexeck Notes G.W.K. - 6-19-46 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
340	5-25	1	R	8.07	83.25	Range Line ∡ = 82° F.S. on 5-25
450		2	Y		81.30	
		3	W		82.05	
		4	Y		82.15	
		5	W		81.45	
		6	R	8.12	82.00	
		7	Y		81.15	
		8	W		81.50	
		9	Y		81.50	
		10	W		83.25	
		11	R	8.15	82.20	
		12	Y		82.25	
		13	W		81.50	
		14	Y		83.30	
		15	W		82.00	

340+50 S
Range.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1175 Pg. 1
Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Kleinecke Notes GWK Date 6-27-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

F.B. 188 Pg. 116 | 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.	Remarks
Inst. At	Sight On #	Color	Time Hor. Ang.		

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	
330+50	S23	1	R	8 06	49-35	Coming In	Range 340+50
		2	Y		4[illegible]-40		
		3	W		46-25		
		4	Y		46-20		
		5	W		44-05		
		6	R	8 13	42-10		
		7	Y		40-05		
		8	W		38-10		
		9	Y		36-20		
		10	W		35-40		
		11	R	8 19	32-10		
		12	Y		30-20		
		13	W		28-25		
		14	Y		27-10		
		15	W		24-10	End of Line	
		16					

340+50 S
Cut in.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 841-[illegible] Division No. ____ F.B. [illegible] 117
Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes Stock Date 6-27-46
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.

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

F.B. 118 Pg. 118

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

Survey of ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth	Remarks
1	R	8:05	29.1-30.9	29.7	3.9 ✓	25.8 ✓	Range 340+50
2	Y		28.1-29.5	28.6		24.7 ✓	Going in —
3	W		27.0-28.5	27.5		23.6 ✓	
4	Y		26.1-28.1	26.8		22.9 ✓	
5	W		25.1-27.2	25.8		21.9 ✓	
6	R	8:12	23.2-25.9	24.1	3.9 ✓	20.2 ✓	
7	Y		22.1-24.2	22.8		18.9 ✓	
8	W		21.0-22.7	21.6		17.7 ✓	
9	Y		19.6-21.7	20.3		16.4 ✓	
10	W		18.1-20.0	18.7		14.8 ✓	
11	R	8:18	16.6-18.5	17.2	3.9 ✓	13.3 ✓	
12	Y		14.8-16.1	15.2		11.3 ✓	
13	W		13.2-14.7	13.7		9.8 ✓	
14	Y		11.3 14.5	12.~~0~~4		~~8.1~~ 9.5	
15	W		9.0-13.2	10.4		6.5 ✓	
16	~~R~~		~~7.9-13.3~~	~~9.3~~	out		
17	Y						
18	W						
19	Y						
20	W						

340+50 S
Boat.

Profile No. ____ Notes Red. [illegible] Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 118 No. 119
Date 7-22-46 Date ____ Survey of Beach Erosion - Redondo Area
X:Sec. No. ____ Notes Chkd. [illegible] Checked ____ Survey by Kleineck Notes Hobson Date 6-27-46
Date 8-22-46 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.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks

F.B. 1175 PG. 120

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

Survey of ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

FORM 307 2M 11-41

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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.	
342+00	170	2092		1922	From pg. 18
			45	164	6' R - Brk - Edge Beach
			77	132	32' R - Beach
			116	93	62' R - "
TP.	234	1130	1196	896	
			96	17	128' R - Water
			113	00	150' R - "
			107	06	176' R - "
			112	01	213' R - "
			125	-12	265' R - "
			128	-15	275' R - "
			135	-22	289' R - "
			140	-27	295' R - "

Range Line ∡ = 82° F.S. on "5-25"
Note: This line abandoned - No boat soundings.

342+00 S
Shore.

No. ____ Date ____ Date ____ Survey of Beach Erosion Redondo
X-Sec. Notes Chkd. ____ Checked ____ Survey by Meinecke Notes G.W.E. Date 6-19-40
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 2M 11-41

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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.		
343+00	036	1739		1123	From pg. 18.	
			31	143	9' R - Edge Beach	
			64	110	31' R - Beach.	
			90	84	51' R - "	
T.P.	387	992	1134	605		
			52	47	79' R - "	
			91	08	105' R - Ed. water	
			112	-13	118' R - Water	
			113	-14	142' R - "	
			101	-02	160' R - "	
			110	-11	206' R - "	
			121	-22	249' R - "	
			130	-31	270' R - "	
			133	-34	274' R - "	
			134	-35	279' R - "	

Range Line ∡ = 82° F.S. on 5-25"

343+00 Shore.

F.B. 1185 Pg. 122 Job No. 8412 Division No. Notes Red. Plotted Checked Date No. Date No. X-Sec.
Survey of Beach Erosion - Redondo Date
Survey by Meineck Notes Q.W.K. - 6-20-46 Notes Chkd. Checked
Indexed C. Johnson Date Date No.

FORM 307 2M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
343 400	5-25	1	R	842	8200	Range Line ∡ = 82° F.S. on 5-25
		2	Y		8150	
		3	W		8125	
		4	Y		8120	
		5	W		8155	
		6	R	848	8120	
		7	Y		8120	
		8	W		8120	
		9	Y		8205	
		10	W		8110	
		11	R	853	8040	
		12	Y		8110	
		13	W		8115	
		14	Y		8120	
		15	W		8140	
		16	R	856	8120	
		17	Y		8120	
		18	W		8225	
		19	Y		8420	
		20	W		8240	

343400 S
Range.

Profile No. ____ Notes Red. ____ Plotted N.U.M.H. Job No. 842 Division No. ____ F.B. 1125 Pg. 1
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes G.W.K. Date 6-27-46
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 118 Pg. 124 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

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

Indexed | Date | Date | Date | No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

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

FORM 307 2M 8-48

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	
330+50	S 23	1	R	8 42	43° 40'	COMING IN	Range 343+00
		2	Y		41° 45'		
		3	W		40° 40'		
		4	Y	8 46	39° 50'		
		5	W		38° 30'		
		6	R	8 48	36° 30'		
		7	Y		34° 55'		
		8	W		33° 40'		
		9	Y		32° 40'		
		10	W		30° 50'		
		11	R	8 53	29° 20'		
		12	Y		27° 35'		
		13	W		26° 35'		
		14	Y		25° 20'		
		15	W		24° 20'		
		16	R	8 57	23° 10'		
		17	Y		20° 15'		
		18	W		20° 25'		
		19	Y		20° 00'		
		20	W		17° 50'	END OF LINE	

343+00 S
Cut in.

Profile No. ___ Notes Red. ___ Plotted H. U. M. H. Job No. 8417 Division No. ___
X:Sec. No. ___ Date ___ Date ___ Survey of Beach Erosion - Redondo
Notes Chkd. ___ Checked ___ Survey by Meineck Notes STOCK Date 6-27-46
Date ___ Date ___ Map No. ___ Indexed A. C. Johnson

F.B. 118 Fo. 12

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. 185 Pg. 126

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

Survey of ____ Date ____ No. ____

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

Indexed ____ Date ____ 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		B. S.	H. I.		F. S.	ELEV.			
#	Color	Time	Meas. Depth		Bottom	Ht. Tide	Adj. Depth	Rg.	Remarks
1	R	8 42	29.3	31.2	~~30.0~~ 29.9	3.8	~~26.2~~	Range	343+00
2	Y		28.0	29.8	28.6		24.8	Going in —	
3	W		27.1	29.3	27.8		24.0		
4	Y		26.2	28.4	26.9		23.1		
5	W		24.8	26.2	25.3		21.5		
6	R	8 48	23.6	25.8	24.3	3.8	20.5		
7	Y		22.5	24.2	23.1		19.3		
8	W		21.2	23.9	22.1		18.3		
9	Y		20.2	21.5	20.6		16.8		
10	W		19.0	20.9	19.6		15.8		
11	R	8:53	17.9	19.4	18.4	3.7	14.7		
12	Y		16.9	18.8	17.5		13.8		
13	W		15.4	17.4	15.9		12.2		
14	Y		14.5	15.9	15.0		11.3		
15	W		13.2	14.9	13.8		10.1		
16	R	8 56	12.5	14.3	13.1	3.7	9.4		
17	Y		11.0	13.0	11.7		8.0		
18	W		9.9	12.8	10.9		7.2		
19	Y		8.6	10.1	9.1		5.4		
20	W		7.5	9.0	8.0		4.3	The	End

343+00 S
Boat

Profile Notes Red. [illegible] Plotted H.U.M.M. Job No. 8412 Division No. F.B. [illegible]
No. Date 7-22-46 Date Survey of Beach Erosion-Redondo Area
X:Sec. Notes Chkd. [illegible] Checked Survey by Kleineck Notes [illegible] Date 6-27-[illegible]
No. Date 8-22-46 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. ____
Survey of ____ Notes ____
Survey by ____ Date ____
Indexed ____
F.B. 118 Pg. 21

STATION	B. S.	H. I.	F. S.	ELEV.		
# Color	Time	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
348 +00	S-26	1	R	915	8935	Range Line ∡=90° F.S. on S-26
		2	Y		8945	
		3	W		8900	
		4	Y		8905	
		5	W		8850	
		6	R	920	8830	
		7	Y		8910	
		8	W		8955	
		9	Y		9005	
		10	W		9005	
		11	R	927	8940	
		12	Y		9005	
		13	W		9020	
		14	Y		9205	
		15	W		9140	
		16	R	932	9040	
		17	Y		9305	End.

348+00 S
Range.

Profile No. ____ Notes Red. ____ Plotted H.U.M.M. Job No. 8412 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleinick Notes GWK Date 6-27-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 118 No. 129

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. ____

Job No. ____ Notes ____ Date ____

F.B. 1117 Pg. 130

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
S-25	S-26	1	R	9 15	69° 20'	COMING IN	RANGE 348+00
		2	Y		69° 20'		
		3	W		67° 05'		
		4	Y		65° 35'		
		5	W		64° 20'		
		6	R	9 20	62° 20'		
		7	Y		60° 20'		
		8	W		57° 50'		
		9	Y		57° 55'		
		10	W		53° 10'		
		11	R	9 28	51° 40'		
		12	Y		49° 05'		
		13	W		47° 10'		
		14	Y		46° 20'		
		15	W		43° 25'		
		16	R	9 32	41° 20'		
		17	Y		39° 00'	END OF LINE	

Profile No. ____ Notes Red. ____ Date ____ Plotted H.U.M.H. Job No. 842 Division No. ____ F.B. 1185 Pg. 107
X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Survey of Beach Erosion - Redondo
Date ____ Date ____ Survey by Meinert Notes Stock Date 6-27-46
Map No. ____ Indexed C. Johnson

348+00 S
Cut in.

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. 111 Pg. 92

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		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Mt. Tide	Adj. Depth		Remarks
1	R	9 15	28.5 30.2	29 1	3.6	25.5	Pacific	348+00
2	Y		27.6 29.1	28 1		24.5	Going	In
3	W		26.3 27.0	26 5		22.9		
4	Y		24.7 26.2	25 2		21.6		
5	W		23.9 25.8	24 5		20.9		
6	R	9 20	22.4 23.7	22 8	3.6	19.2		
7	Y		20.9 21.5	21 1		17.5		
8	W		19.4 20.3	19 7		16.1		
9	Y		16.9 18.8	17 5		13.9		
10	W		15.7 17.2	16 2		12.6		
11	R	9 27	14.9 19.3	~~16 4~~ 16.0	3.6	~~12.8~~ 12.4		
12	Y		13.0 14.0	13 3		9.7		
13	W		11.9 13.8	12 5		8.9		
14	Y		10.9 12.9	11 6		8.0		
15	W		9.8 11.2	10 3		6.7		
16	R	9 32	8.4 11.0	9 3	3.6	5.7		
17	Y		6.9 8.5	7 4		3.8	The End.	
18								
19								
20								

348+00. S
Bent.

Profile No. 242 Plotted H.U.M.M. Job No. 242 Division No. F.B. 1170
Notes Red. Date 7-22-46 Date Survey of Beach Erosion Study
X-Sec. No. Notes Chkd. LOWL Checked Survey by ATE USAE Notes EM Date 8-27-46
Date 8-22-46 Date Map No. Indexed A. C. Jahnsen

F.B. 118 PG. 134 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

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

Indexed | Date | Date | Date | No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

STATION	B. S.	H. I.	F. S.	ELEV.		Remarks
# Color	Tape	Rod	Bottom	Tide	Adj. Depth	
		Depth				

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.	
348+00	1 97	16 41		14 44	From pg 18
			6 1	10 3	26' R - Beach
			11 0	5 4	62' R -
TP	4 89	10 72	10 58	5 83	
			6 6	4 1	74' R - Ed. water
			10 2	0 5	107' R - water
			13 0	-2 3	115' R - "
			11 4	-0 7	136' R - "
			11 0	-0 3	151' R - "
			12 5	-1 8	214' R - "
			13 0	-2 3	245' R - "
			13 6	-2 9	270' R - "
			14 0	-3 3	274' R - "
			14 1	-3 4	277' R - "

Range Line ∡ = 90° F.S. on "5-26"

348+00 S
Shore.

Notes Red. Date. Date. Survey of Beach Erosion - Redondo
X-Sec. Notes Chkd. Checked Survey by Klamack Notes Gwk Date 6-20-4
No. Date. Date. Map No. Indexed C. Johnson

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.		
353+00	065	1971		1906	T.BM on wall at foot of conc. Stairs - See pg. 18.	
			5.1	146	Ground level at Sta. on beach	
			9.1	106	23' R - Beach.	
T.P.	384	1189	11.66	05		
			3.8	81	40' R - "	
			11.0	09	92' R - Ed water	
			13.5	-16	102' R - water	
			12.3	-04	141' R - "	
			13.6	-17	196' R - "	
			14.0	-21	233' R - "	
			14.5	-26	249' R - "	

353+00 Shore.

Range Line ∡ = 90°
F.S. on "5-26".

F.B. 1485 Pg. 136 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Meinecke Notes GWK 6-20-46 Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

FORM 307 2M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
353 400	5-26	1	R.	949	8825	Range Line ∡ = 90° F.S. on 5-26
		2	Y		9110	
		3	W		8940	
		4	Y		8855	
		5	W		8900	
		6	R	958	8950	
		7	Y		8950	
		8	W		9035	
		9	Y		9140	
		10	W		8840	
		11	R	1006	8940	
		12	Y		8630	
		13	W		8810	
		14	Y		9110	
		15	W		9130	
		16	R	1012	9240	End.

353400 S
Range

Profile No. ____ Notes Red. ____ Plotted H.D.M.H. Job No. 842 Division No. ____ F.B. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes GWE Date 6-27-46
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. ____

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

Survey of ____ Notes ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____

Survey by ____

Indexed ____

F.B. 1181 Pg. 138

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
348+00	S-26	1	R	9 49	61° 10'	COMING IN	RANGE 353+00
		2	Y		62° 45'		
		3	W		59° 50'		
		4	Y		57° 05'		
		5	W		54° 55'		
		6	R	9 58	53° 20'		
		7	Y		52° 30'		
		8	W		50° 50'		
		9	Y		49° 40'		
		10	W		44° 20'		
		11	R	10 06	43° 05'		
		12	Y		39° 50'		
		13	W		39° 05'		
		14	Y		37° 40'		
		15	W		34° 20'		
		16	R	10 12	31° 10'	END OF LINE	

353+00 S
Cut in.

Profile No. ____ Notes Red ____ Date ____ Plotted M.U.M.H. Date ____ Job No. 847 Division No. ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Meinert Notes STOCK Date 6-27-46
Map No. ____ Indexed A. C. Johnson Date ____

F.B. 118 Pg. 134

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 ____ Notes Chkd. ____ Checked ____

Survey by ____ Date ____ Date ____ Date ____

Indexed ____

F.B. 1818 Pg. 140

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Colbr	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
1	R	9 49	27.8	29.1	28 2	3.4	24.8	Range	353 + 00
2	Y		26.5	28.0	27 0		23.6	Going In	
3	W		25.0	26.6	25 5		22.1		
4	Y		24.6	25.1	24 8		21.4		
5	W		23.2	24.2	23 5		20.1		
6	R	9 58	21.7	23.0	22 2	3.3	18.9		
7	Y		19.9	21.2	20 3		17.0		
8	W		18.5	19.4	18 8		15.5		
9	Y		17.3	19.0	17 9		14.6		
10	W		16.0	17.2	16 4		13.1		
11	R	10 06	14.8	16.0	15 2	3.3	11.9		
12	Y		13.2	14.9	13 8		10.5		
13	W		12.3	14.0	12 9		9.6		
14	Y		10.9	12.5	11 4		8.1		
15	W		9.4	11.5	10 1		6.8		
16	R	10 12	7.9	10.0	8 6	3.2	5.4	The End	

353+00 S
Boat.

Profile No. ____ Notes Red. [illegible] Plotted H.U.M.H. Job No. [illegible] Division No. ____
X:Sec. ____ Date 7-22-46 Date ____ Survey of Beach Erosion - Redondo
No. ____ Notes Chkd. [illegible] Checked ____ Survey by [illegible] Notes R.A. Date [illegible]
Date 8-22-46 Date ____ Map No. ____ Indexed [illegible] 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 ____

F.B. 1175 Pg. 42

Survey of ____

Survey by ____

Indexed ____

STATION	B. S.	H. I.	F. S.	ELEV.		
# Color	Time	Meas. Depth	Bottom	Tide	Adj. Depth	Remarks
			1	1		1
						1

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
358 +00	526	1	R	1028	89 55	Range Line ∡ = 90° F.S. on S-26
		2	Y		90 35	
		3	W		90 45	
		4	Y		90 15	
		5	W		89 25	
		6	R	1034	90 15	
		7	Y		89 50	
		8	W		89 15	
		9	Y		90 45	
		10	W		89 50	
		11	R	1038	92 00	
		12	Y		91 35	
		13	W		95 20	
		14	Y		87 15	
		15	W		90 20	
		16	R	1043	92 55	End

358+00 S
Range.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. 1185 Pg. 143
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. ____ Notes Chkd. ____ Checked ____ Survey by Kleinert Notes EWK Date 6-27-46
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.

Profile No. ____ X-Sec. No. ____

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

Survey of ____ Notes ____ Date ____

Survey by ____

Indexed ____

F.B. 18 Pg. 144

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
353+00	S-26	1	R	10 27	63° 40'	COMING IN	RANGE 358+00
		2	Y		61° 40'		
		3	W		60° 05'		
		4	Y		57° 40'		
		5	W		55° 00'		
		6	R	10 35	54° 15'		
		7	Y		51° 30'		
		8	W		50° 10'		
		9	Y		49° 40'		
		10	W		47° 50'		
		11	R	10 39	46° 30'		
		12	Y		43° 50'		
		13	W		42° 50'		
		14	Y		37° 55'		
		15	W		35° 55'		
		16	R	10 43	34° 50'	END OF LINE	

358+00 S
Cut in.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8427 Division No. ____ F.E. 1185 Po. 165
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Hemmet Notes Stock Date 6-27-46
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 ____

Division No. ____

Job No. ____ Notes ____ Date ____

Survey of ____

Survey by ____

Indexed ____

F.B. 1119 Pg. 146

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.		F. S.	ELEV.			
#	Color	Time	Meas. Depth		Bottom	Ht. Tide	Adj. Depth		Remarks
1	R	10 27	28.0	29.8	28 6	3.1	25.5	Range	358+00
2	Y		26.6	29.0	27 4		24.3	Going In	
3	W		25.5	26.8	25 9		22.8		
4	Y		23.9	25.8	24 5		21.4		
5	W		22.5	24.2	23 1		20.0		
6	R	10 34	21.4	22.8	21 9	3.0	18.9		
7	Y		19.9	21.3	20 4		17.4		
8	W		18.4	19.6	18 8		15.8		
9	Y		17.0	19.3	17 8		14.8		
10	W		16.0	18.5	16 8		13.8		
11	R	10 39	14.8	17.1	15 6	3.0	12.6		
12	Y		13.3	15.2	13 9		10.9		
13	W		12.0	13.5	12 5		9.5		
14	Y		11.0	12.5	11 5		8.5		
15	W		9.8	10.8	10 1		7.1		
16	R	10 44	7.5	9.2	8 1	2.9	5.2	The End	

358+00 S
Boat

Profile No. ____ Notes Red. NZ Plotted H.U.M.H. Job No. 842 Division No. ____ F.B. 1185 Pg. 147
Date 7-27-46 Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Meinert Notes R.A. Date 6-29-46
Date 8-23-46 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. ____ Notes ____ Date ____

Survey of ____

Survey by ____

Indexed ____

F.B. 185 Pg. 148

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

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.	
358+00	1.97	16.24		14.27	From pg. 18 (on Beach)
			4.0	12.2	13'R - Beach
			6.7	9.5	33'R - "
			10.2	6.0	57'R - "
T.P.	1.98	8.00	10.22	6.02	
			7.5	0.5	87'R - Ed. Water
			9.0	-1.0	103'R - Water
			8.5	-0.5	108'R - "
			9.0	-1.0	181'R - "
			10.0	-2.0	227'R - "
			11.4	-3.4	277'R - "
			12.3	-4.3	286'R - "
			12.4	-4.4	292'R - "

Range Line ∡ = 90° F.S. on "S-26".

358+00 S
Shore

Profile No. ____ Date ____ Notes Chkd. ____ Date ____ Notes Date ____ Project H.U.M.H. Job No. 842 Division No. ____ Survey of Beach Erosion - Redondo Survey by Kleinecke Notes Date 6-21-[illegible] Map No. ____ Indexed A. C. Johnson

150	Job No. 8412	Division No.	Notes Red.	Plotted H.U.M.H.	Profile
Survey of Beach Erosion - Redondo			Date	Date	No.
Survey by Kleineck	Notes GWK - 6-21-46		Notes Chkd.	Checked	X-Sec.
Indexed A. C. Johnson		Date	Date	Date	No.

363+00
Shore

STATION	B.S.	H.I.	F.S.	ELEV.	
363+00	133	1599		1466	From pg. 19 (On Beach)
			47	113	27' R - Beach
			82	78	52' R - "
T.P.	325	883	1091	508	
			94	-06	113' R - Ed. water
			113	-25	143' R - Water
			115	-27	179' R - "
			108	-20	193' R - "
			118	-30	211' R - "
			118	-30	204' R - "
			119	-31	246' R - "
			119	-31	299' R - "
			124	-36	315' R - "
			131	-43	320' R - "
			133	-45	325' R - "

Range Line ∡ = 90° F.J. on "S-26"

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

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.	
Inst. At	Sight On	#	Color	Time	Hor. Ang.	Remarks
363 +00	S-26	1	R	650	9005	Range Line ∡ = 90° F.S. on S-26
		2	Y		8945	
		3	W		8940	
		4	Y		8930	
		5	W		8950	
		6	R	655	9000	
		7	Y		8955	
		8	W		8900	
		9	Y		8910	
		10	W		9000	
		11	R	659	9100	
		12	Y		9245	
		13	W		9230	
		14	Y		8920	
		15	W		8950	
		16	R	705	8700	
		17	Y		8730	

363+00 S
Range

Profile No. ____ Notes Red. ____ Date ____ Plotted H. U. M. H. Job No. 5412 Division No. ____
X Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Survey of Beach Erosion - Redondo
Date ____ Date ____ Survey by Pleinock Notes G.W.K. Date 6-28-46
Map No. ____ Indexed by C. Johnson

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. 118 Pg. 52 | 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.	Remarks
Inst. Sight At	On #	Color	Time Hor. Ang.		

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	
358+00	S-26	1	R	6 50	64° 20'	COMING IN	RANGE 363+00
		2	Y		63° 30'		
		3	W		60° 10'		
		4	Y		58° 30'		
		5	W		57° 05'		
		6	R	6 55	55° 50'		
		7	Y		53° 20'		
		8	W		51° 20'		
		9	Y		49° 30'		
		10	W		47° 35'		
		11	R	6 58	45° 10'		
		12	Y		43° 40'		
		13	W		43° 50'		
		14	Y		41° 40'		
		15	W		39° 10'		
		16	R	7 05	37° 40'		
		17	Y		36° 30'	END OF LINE	

363+00 S
Cut in.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 84m Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Wiemert Notes STOCK Date 6-28-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 1/8 No. 153

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. ____

Survey of ____ Notes ____

Survey by ____ Date ____

Indexed ____

F.B. 1886 pg. 154

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.

Profile Notes Red 7-21-46 Date Plotted H.U.M.H. Job No. 8422 Division No.
No. X-Sec. Date Checked Survey of Beach Erosion - Re-Survey
Notes Chkd RCM Date 8-23-46 Survey by Haines Notes EA Date 6-19-46
No. Date Map No. Indexed C. Johnson

STATION		B. S.	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
#	Color	Time					
1	R	6.49	27.0 28.9	27.6	2.3	25.2	Range Line 363+20
2	Y		26.5 27.6	26.9		24.5	
3	W		25.2 28.0	26.1		23.7	Going In
4	Y		23.7 26.0	24.5		22.1	
5	W		22.6 23.8	23.0		20.6	
6	R	6.55	21.4 23.0	21.9	2.5	19.4	
7	Y		20.0 22.0	20.7		18.2	
8	W		18.4 21.0	19.3		16.8	
9	Y		17.0 18.5	17.5		15.0	
10	W		15.5 17.0	16.0		13.5	
11	R	6.58	14.0 16.0	14.7	2.7	12.0	
12	Y		13.5 14.5	13.8		11.1	
13	W		12.0 13.5	12.5		9.8	
14	Y		11.2 13.0	11.8		9.1	
15	W		10.0 12.0	10.7		8.0	363+00 S
16	R	7.05	8.8 12.0	9.9	2.8	7.1	200 ft.
17	Y		6.8 10.0	7.9		5.1	The End

FORM 307 2M 8-45

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

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Job No. ____ Division No. 2

Survey of ____ Notes ____

Survey by ____ Date ____

Indexed ____

F.B. 1181 Pg. 152

STATION	B. S.	H. I. Meas. Depth	F. S. Bottom	ELEV. H.T. Tide			Remarks
# Color	Time				Adj. Depth		
					1	1	

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
368	5-27	1	R	738	89 05	Range Line ∡ = 90° F.S. on 5-27
400		2	Y		89 05	
		3	W		89 20	
		4	Y		89 55	
		5	W		90 15	
		6	R	742	90 40	
		7	Y		91 05	
		8	W		92 05	
		9	Y		89 20	
		10	W		90 40	
		11	R	747	90 00	
		12	Y		90 35	
		13	W		92 00	
		14	Y		89 20	
		15	W		88 55	
		16	R	750	90 45	
		17	Y		92 00	

368+00 S
Range.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8447 Division No. ____ F.B. [illegible]
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Klaineck Notes GWK Date 6-28-46
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 ____

F.B. 188 Pg. 158

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.		
~~Inst.~~ At	~~Sight~~	#	Color	Time	Hor. Ang.	Remarks	
363+00	S-26	1	R	7 38	69° 30'	COMING IN	RANGE 368+00
		2	Y		68° 25'		
		3	W		67° 55'		
		4	Y		66° 10'		
		5	W		65° 10'		
		6	R	7 42	63° 00'		
		7	Y		61° 15'		
		8	W		60° 45'		
		9	Y		57° 10'		
		10	W		56° 30'		
		11	R	7 46	53° 50'		
		12	Y		51° 50'		
		13	W		50° 45'		
		14	Y		47° 40'		
		15	W		45° 25'		
		16	R	7 50	44° 55'		
		17	Y		43° 50'	END OF LINE	

368+00 S.
Cut in.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. [illegible] Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes STOCK Date 6-28-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

F.S. [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 ____

F.B. 1185 G. 180

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.

Profile No. _____ Notes Red. [illegible] Plotted H.L.U.M.W. Job No. 3422 Division No. _____
X-Sec. _____ Date 9-22-46 Date _____ Survey of Beach Erosion Co-operation
Notes Chkd. [illegible] Checked _____ Survey by Thomas Notes Red Date 6-24-46
Date 8-23-46 Date _____ Map No. _____ Indexed A. C. Johansen

STATION #	Color	B. S. Time	H. I. Meas. Depth		F. S. Bottom	ELEV. Ft. Tide	Adj. Depth		Remarks
1	R	7 38	27.3	27.5	27.7	3.3	24.4	Range	368 +00
2	Y		26.2	29.0	27.1		23.8		
3	W		25.0	27.3	25.8		22.5	Going	In
4	Y		24.2	26.0	24.8		21.5		
5	W		22.8	25.4	23.7		20.4		
6	R	7 42	21.8	23.0	22.2	3.4	18.8		
7	Y		20.5	23.0	21.3		17.9		
8	W		19.5	21.0	20.0		16.6		
9	Y		18.5	20.0	19.0		15.6		
10	W		17.2	19.2	17.9		14.5		
11	R	7 46	15.8	18.0	16.5	3.4	13.1		
12	Y		14.8	16.2	15.3		11.9		
13	W		13.5	15.5	14.2		10.8		
14	Y		12.1	14.0	12.7		9.3		
15	W		10.8	12.8	11.5		8.1		
16	R	7 49	9.8	11.0	10.2	3.5	6.7		
17	Y		8.2	10.0	8.8		5.3	The	End

368+00 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		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. Notes Date

Survey of Survey by Indexed

F.B. 1185 Pg. 162

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.		
368+00	0.85	16.25		15.40	From pg. 19 (on Beach)	
			21	14.1	22' R – Beach	
			51	11.1	43' R – "	
			99	6.3	72' R – "	
T.P.	3.02	9.98	9.29	6.96		
			96	0.4	111' R = Ed. water	
			120	-2.0	137' R – water	
			125	-2.5	162' R – "	
			120	-2.0	217' R – "	
			142	-4.2	246' R – "	

Range Line 4 = 90° F.J. on "5-27"

368+00 S
Shore

Profile No. ____ Notes Red. ____ Plotted H.U.M. Jr. Job No. 8442 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion – Redondo
Notes Chkd. ____ Checked ____ Survey by Fleurest Notes Fink Date 6-21-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.		
373+00	091	1972		1881	1½" I.P. 14" Up. -	Page 19.
			87	110	Beach Level at	373+00 (Sta)
			112	85	25'R - Beach.	
T.P.	190	966	1196	776		
			100	-03	98'R - Edge water	
			95	02	103'R - water	
			100	-03	149'R - "	
			109	-12	199'R - "	
			114	-17	224'R - "	
			118	-21	249'R - "	

Range Line ∡ = 90° F.S. on "5-27"

373+00
Shore.

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Kleineck Notes GWK - 6-21-46 Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date Date No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
373 400	5-27	1	R	808	89 05	Range Line ∠ = 90 F.S. on 5-27
		2	Y		89 05	
		3	W		89 10	
		4	Y		88 45	
		5	W		88 30	
		6	R	812	87 50	
		7	Y		88 40	
		8	W		88 55	
		9	Y		89 15	
		10	W		88 50	
		11	R	816	89 10	
		12	Y		90 00	
		13	W		91 00	
		14	Y		92 20	
		15	W		90 50	
		16	R	820	91 00	

373400 5
Range.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8417 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Hlemech Notes GWK Date 6-28-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson

F.B. [illegible]

F.B. 118 PG. 166 | 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 On #		Color	Time Hor. Ang.		
At					

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	
368+00	S-27	1	R	8 07	60° 55'	COMING IN	RANGE 373+00
		2	Y		59° 40'		
		3	W		58° 50'		
		4	Y		56° 40'		
		5	W		54° 35'		
		6	R	8 12	53° 05'		
		7	Y		51° 45'		
		8	W		50° 30'		
		9	Y		49° 00'		
		10	W		47° 30'		
		11	R	8 16	45° 30'		
		12	Y		43° 20'		
		13	W		42° 30'		
		14	Y		40° 40'		
		15	W		37° 00'		
		16	R	8 19	35° 55'	END OF LINE	

Profile No. ____ Notes Red. ____ Plotted H. U. M. ____ Job No. 842 Division No. ____ F.B. 1118
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Mamack Notes STACK Date 6-28-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson

373+00 S
Cut in

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. 107 PG. 168

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.

Profile No. _____ Notes Red. _____ Plotted H.U. M.M. Job No. 5422 Division No. _____
X-Sec. No. _____ Date 7-23-46 Date _____ Survey of Beach Soundings Eastern
Notes Chkd. Jones Checked _____ Survey by Stewart Notes E.A. Date 6-19-46
Date 8-23-46 Date _____ Map No. _____ Indexed A. C. Johnson

STATION #	Color	B. S. Time	H. I. Meas. Depth		F. S. Bottom	ELEV. Ht. Tide	Adj. Depth		Remarks	
1	R	8 08	27.5	29.5	28.2	3.7	24.5	Range	373+00	
2	Y		26.5	29.2	27 4		23.7			
3	W		25.0	27.5	25 8		22.1	Going	In	
4	Y		24.2	25.8	24 7		21.0			
5	W		22.5	26.0	23 7		20.0			
6	R	8 12	21.0	24.0	22 0	3.7	18.3			
7	Y		20.0	22.0	20 7		17.0			
8	W		18.8	20.5	19 4		15.7			
9	Y		17.5	19.8	18 3		14.6			
10	W		17.0	19.0	17 7		14.0			
11	R	8 16	15.5	17.5	16 2	3.7	12.5			
12	Y		14.0	15.8	14 6		10.9			
13	W		12.6	14.8	13 3		9.6			
14	Y		11.5	13.0	12 0		8.3			
15	W		9.8	12.2	10 6		6.9			
16	R	8 19	8.5	10.2	9 1	3.7	5.4	The	End	

373+00 S
Boat

F.B. _____

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

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. ____

F.B. 1/2 Pg. 170

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
378 +00	5-27	1	R	8 29	90 55	Range Line ∡ = 90° F.S. on "5-27"
		2	Y		90 55	
		3	W		90 30	
		4	Y		90 30	
		5	W		90 20	
		6	R	8 33	90 10	
		7	Y		89 40	
		8	W		89 30	
		9	Y		89 15	
		10	W		89 15	
		11	R	8 36	89 10	
		12	Y		89 20	
		13	W		89 55	
		14	Y		90 20	
		15	W		90 05	
		16	R	8 39	89 30	
		17	Y		89 55	
		18	W		90 20	
		19	Y		91 15	

378+00 S
RANGE

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. [illegible]
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meneck Notes G.W.K. Date 6-28-46
Date ____ Date ____ Map No. ____ Index C. Johnson 7-9-46

B. 1185 PG. 172 | Job No. 8412 | Division No. | Notes Red. | Plotted | Profile

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

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

Indexed | Date | Date | Date | No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.		
~~Inst.~~ At	~~Sight~~ On	#	Color	Time	Hor. Ang.	Remarks	
373+00	S-27	1	R	8.28	61° 30'	COMING IN	RANGE 378+00
		2	Y		60° 45'		
		3	W		59° 45'		
		4	Y		58° 45'		
		5	W		57° 20'		
		6	R	8.32	55° 50'		
		7	Y		53° 50'		
		8	W		52° 00'		
		9	Y		50° 25'		
		10	W		49° 10'		
		11	R	8.36	46° 25'		
		12	Y		43° 30'		
		13	W		42° 00'		
		14	Y		40° 35'		
		15	W		39° 25'		
		16	R	8.38	38° 10'		
		17	Y		37° 10'		
		18	W		35° 20'		
		19	Y		33° 20'	END OF LINE	

378+00 S.
CUT-IN

Profile No. ____ Notes Red. ____ Plotted H.U.M.M. Job No. 847 Division No. ____ F.B. 1165 Pg. 173
No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
X:Sec. ____ Notes Chkd. ____ Checked ____ Survey by Hennek Notes STOCK Date 6-28-46
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.

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 ____

B. 100 Pg. 174

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	8 28	28.0	29.8	28 6	3.8	24.8	Range	378+00
2	Y		26.5	28.0	27 0		23.2		
3	W		25.5	28.5	26 5		22.7	Going	In
4	Y		25.0	27.0	25 7		21.9		
5	W		24.0	25.5	24 5		20.7		
6	R	8 32	22.8	24.8	23 5	3.8	19.7		
7	Y		21.5	23.8	22 3		18.5		
8	W		20.3	23.0	21 2		17.4		
9	Y		19.1	21.2	19 8		16.0		
10	W		18.0	21.0	19 0		15.2		
11	R	8 36	16.5	19.8	17 6	3.8	13.8		
12	Y		15.0	17.0	15 7		11.9		
13	W		13.5	16.0	14 3		10.5		
14	Y		12.0	15.5	13 2		9.4		
15	W		11.2	13.2	11 9		8.1		
16	R	8 38	10.8	12.2	11 3	3.8	7.5		
17	Y		9.8	11.0	10 2		6.4		
18	W		8.8	11.0	9 5		5.7		
19	Y		7.5	9.3	8 1		4.3	The	End

378+00 S
Boat

Profile No. ____ Notes Red. [illegible] Plotted H.U.M.H. Job No. [illegible] Division No. ____
Date 7-22-46 Date ____ Survey of Beach Erosion - Redondo
X:Sec. Notes Chkd. LCW Checked ____ Survey by Merwick Notes [illegible] Date 6-28-[illegible]
No. ____ Date 8-23-46 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.

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. 1176

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

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

3.

STATION	B. S.	H. I.	F. S.	ELEV.	
378+00	097	2117		2020	T.B.M. Chisled □ on Sly wall at foot of old conc. stairs - page 19
			108	104	→ Beach level at Sta. 378+00
T.P.	154	1100	1171	946	
			43	67	28' R - Beach
			108	-08	83' R - Water
			122	-12	94' R - "
			125	-15	118' R - "
			128	-18	145' R - "
T.P.	039	1075	064	1036	1x3 Stk. marker for Sta. 378
T.P.	374	731	718	357	7-2-'46
			92	-19	205' - water
			109	-36	286' - "
			115	-42	313' - "

Range Line ∠ = 90° F.S. on 5-27"

SHORE

378+00 S.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8442 Division No. ____ F.B. 1[illegible]
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleineck Notes Gwk Date 6-21-'46
Date ____ Date ____ Map No. ____ Indexed C. Johnson

Pg. 178 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

FORM 337 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

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

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
383 +00	S-27	1	R	903	8850	Range Line ∡ = 90° F.S. on S-27
		2	Y		8820	
		3	W		8725	
		4	Y		8705	
		5	W		8645	
		6	R	908	9015	
		7	Y		8955	
		8	W		8925	
		9	Y		8920	
		10	W		8925	
		11	R	911	8920	
		12	Y		8950	
		13	W		9030	
		14	Y		9030	
		15	W		8945	
		16	R	914	9045	
		17	Y		9130	

383+00 S.
RANGE

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. [illegible]
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meineck Notes Gulk Date 6-28-46
Date ____ Date ____ Map No. ____ Indexed R. 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. ____

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

Survey of ____ Notes ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____

Survey by ____

Indexed ____

F.B. 1185 Pg. 180

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 Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
378+00	S-27	1	R	9.03	62°.00'	COMING IN	RANGE 383+00
		2	Y		60°.15'		
		3	W		58°.55'		
		4	Y		57°.00'		
		5	W		55°.25'		
		6	R	9.07	56°.10'		
		7	Y		55°.20'		
		8	W		53°.10'		
		9	Y		51°.50'		
		10	W		49°.45'		
		11	R	9.11	48°.10'		
		12	Y		44°.45'		
		13	W		43°.00'		
		14	Y		40°.50'		
		15	W		38°.30'		
		16	R	9.14	36°.15'		
		17	Y		34°.00'	END OF LINE	

383+00 S.
CUT-IN

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 241 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Mineck Notes Stock Date 6-28-46
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 ____

Division No. ____

Job No. ____ Notes ____ Date ____

Survey of ____

Survey by ____

Indexed ____

FB. ____ Pg. ____

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. Date 7-22-46 Notes Chkd. Paul Date 8-23-46
No. ____ Date ____ Checked ____ Date ____
X-Sec. ____ Plotted M.U.W.H. Survey of Beach Erosion - Redondo
No. ____ Job No. 8999 Division No. ____ Survey by Thomas Notes EF Date 6-28-46 Indexed A. C. Jobins
Map No. ____

STATION #	Color	B. S. Time	H. I. Mean Depth	F. S. Bottom	ELEV. Mt. Tide	Adj. Depth		Remarks
1	R	9 03	28.5 30.0	29.0	3.9	25.1	Range	383+00
2	Y		27.5 29.0	28.0		24.1		
3	W		26.0 28.0	26.7		22.8	Going	In
4	Y		24.8 26.8	25.5		21.6		
5	W		24.0 25.5	24.5		20.6		
6	R	9 07	23.3 24.8	23.8	3.9	19.9		
7	Y		21.8 23.3	22.3		18.4		
8	W		20.8 22.8	21.5		17.6		
9	Y		19.8 22.0	20.5		16.6		
10	W		18.5 19.5	18.8		14.9		
11	R	9 11	17.0 19.0	17.7	4.0	13.7		
12	Y		15.5 17.3	16.1		12.1		
13	W		13.5 16.3	14.4		10.4		
14	Y		12.3 14.0	12.9		8.9		
15	W		10.8 13.0	11.5		7.5		
16	R	9 14	9.0 11.0	9.7	4.0	5.7		
17	Y		7.4 10.0	8.3		4.3		
							The	End

383+00
Beat 5

F.B. 1185 PG. 184

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

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

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.		
383+00	183	2203		20.20	T.B.M. = Chisled □ on Sly. wall at foot of old conc. stairs - pg. 19	
T.P.	170	1172	1201	10.02	(Beach)	
			17	100	Sand at Sta. 383+00	
			53	64	34' R - Beach.	
			79	38	65' R - "	
T.P.	438	743	867	305		
			65	09	122' R - Ed. water	
			90	-16	211' R = Water	
			97	-23	257' R = "	
			110	-36	313' R = "	
			120	-46	340' R = "	

Range Line ∡ = 90° F.S. on 5-27

383+00 S.
SHORE

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 1185 Division No. ____ F.B. 1185 No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meineck Notes Bulk Date 7-2-44
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.		
"S-27" 388+19.08	121	2114		1993	BM = L.T. = R.P. to "S-27" in top of circular conc. Stair pillar at foot of stairs leading from beach to Riviera Country Club - See pg 20	
			63	-8	Beach level at Sta. 388+19.08	
T.P.	009	945	1178	936		
			01	93	28'R - Beach	
			37	57	56'R - "	
			72	22	97'R - "	
			98	-04	170'R - Water	
			110	-16	231'R - "	
			124	-30	310'R - "	
			128	-34	348'R - "	

Range Line ∡ = 90° F.S. on "S-28"

388+19.08
SHORE

Job No. 842 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Kleineck Notes Gulf - 7-2-46 Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.
Pg. 186

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
388	5-28	1	R	1000	91 20	Range Line ∡ = 90° F.S. on 5-28
+19.08		2	Y		92 45	
= "5-29"		3	W		93 05	
		4	X		92 30	
		5	W		89 55	
		6	R	1003	88 55	
		7	Y		87 50	
		8	W		88 55	
		9	Y		91 10	
		10	W		92 20	
		11	R	1007	90 50	
		12	Y		90 20	
		13	W		90 20	
		14	Y		90 05	
		15	W		89 25	
		16	R	1010	91 50	
		17	Y		94 20	
		18	W		89 20	
		19	Y		93 15	
		20	W		92 20	

388+19.08 S
RANGE

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8472 Division No. ____ F.B. [illegible]
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion Redondo
Notes Chkd. ____ Checked ____ Survey by Meineck Notes GWK Date 6-28-46
Date ____ Date ____ Map No. ____ Indexed A. C. Jo 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 ____

F.B. 118 PG. 108

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	
383+00	S-27	1	R	9 59	66° 30'	COMING IN	RANGE 388 + 19.08
		2	Y		66° 25'		
		3	W		65° 35'		
		4	Y		64° 10'		
		5	W		60° 45'		
		6	R	10 03	58° 55'		
		7	Y		56° 25'		
		8	W		56° 40'		
		9	Y		56° 40'		
		10	W		55° 20'		
		11	R	10 07	52° 35'		
		12	Y		50° 30'		
		13	W		48° 35'		
		14	Y		46° 25'		
		15	W		44° 35'		
		16	R	10 10	44° 30'		
		17	Y		44° 25'		
		18	W		39° 50'		
		19	Y		40° 10'		
		20	W		37° 25'	END OF LINE	

388+19.08 S.
CUT-IN

Profile No. ____ Notes Red. ____ Date ____ Plotted H.U.M.M. Date ____ Job No. 242 Division No. ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Meinecke Notes Stock Date 6-28-46 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.

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 ____

P.B. 111 PG. 170

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
1	R	9 59	28.0	31.0	29 0	4.0	25.0	Range	388+19.08
2	Y		26.5	29.0	27 3		23.3		
3	W		25.2	28.0	26 1		22.1	Going	In
4	Y		24.0	26.0	24 7		20.7		
5	W		23.2	26.0	24 1		20.1		
6	R	10 03	21.8	25.6	22 9	4.0	18.9		
7	Y		21.2	23.2	21 9		17.9		
8	W		19.8	22.8	20 8		16.8		
9	Y		19.0	22.0	20 0		16.0		
10	W		18.6	20.2	19 1		15.1		
11	R	10 07	17.5	20.0	18 3	3.9	14.4		
12	Y		16.2	17.8	16 7		12.8		
13	W		15.0	17.0	15 7		11.8		
14	Y		14.0	16.0	14 7		10.8		
15	W		12.8	15.0	13 5		9.6		
16	R	10 10	11.8	14.0	12 5	3.9	8.6		
17	Y		10.8	13.2	11 6		7.7		
18	W		9.6	11.4	10 2		6.3		
19	Y		8.8	11.0	~~9 2~~	9.5	~~5.5~~ 5.6		
20	W		7.6	9.0	8 1		4.2	The	End

388+19.08 S.
Boat

Profile No. ___ Notes Red. 75 Plotted H. U. M. M. Job No. 8412 Division No. ___ F.S. 1/8 Fe.
Date 7-22-46 Date ___ Survey of Beach Erosion - Redon
X:Sec. Notes Chkd. ___ Checked ___ Survey by Meinert Notes R.A. Date 6-28-
No. ___ Date ___ Date ___ Map No. ___ Indexed A. C. Johnson

F.B. 4185 Pg. 192 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

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

Indexed | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	Adj. Depth	
↑ Color	Time	Depth	Bottom	Tide	Adj. Depth	Remarks

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
393	5-28	1	R	1025	87 40	Range Line ∡ 90° F.S. on 5-28
419		2	Y		88 20	
		3	W		89 25	
		4	Y		89 55	
		5	W		90 40	
		6	C	1029	91 05	
		7	Y		90 45	
		8	W		91 00	
		9	Y		91 25	
		10	W		89 10	
		11	C	1034	90 25	
		12	Y		88 00	
		13	W		87 40	
		14	Y		85 45	
		15	W		87 50	
		16	C	1037	89 45	
		17	Y		90 20	
		18	W		91 05	
		19	Y		89 20	

393+19 S.
RANGE

Profile No. ____ Notes Red. ____ Plotted H. U. M. ____ Job No. 842 Division No. ____ F.B. 1/18 Pg. 1/15
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleweck Notes Gulk Date 6-28-46
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. _____

Job No. _____ Division No. _____ Notes Red. _____ Date _____ Platted _____ Date _____

Survey of _____ Notes _____ Date _____ Notes Chkd. _____ Date _____ Checked _____ Date _____

Survey by _____ Date _____

Indexed _____

PG. 194

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.		
~~Inst.~~ At	~~Sight~~ On	#	Color	Time	Hor. Ang.	Remarks	
S-27	S-28	1	R	10.25	63°.00'	COMING IN	RANGE 393+19
		2	Y		63°.00'		
		3	W		63°.00'		
		4	Y		62°.20'		
		5	W		61°.40'		
		6	R	10.28	60°.30'		
		7	Y		57°.50'		
		8	W		56°.35'		
		9	Y		54°.30'		
		10	W		51°.05'		
		11	R	10.34	49°.35'		
		12	Y		46°.30'		
		13	W		44°.40'		
		14	Y		42°.30'		
		15	W		41°.05'		
		16	R	10.37	40°.10'		
		17	Y		39°.00'		
		18	W		37°.30'		
		19	Y		35.00'	END OF LINE	

393+19 S.
Cut In

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 847 Division No. ____ F.B. 1185 Pg. 1
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Manuel Notes Stock Date 6-28-48
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

FORM 307 2M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X.Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Job No. ____ Division No. ____

Survey of ____ Notes ____

Survey by ____ Date ____

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		B. S.	H. I.		F. S.	ELEV.			
#	Color	Time	Meas. Depth		Bottom	Ht. Tide	Adj. Depth		Remarks
1	R	10 25	28.0	31.5	28 8	3.8	25.0	Range	393+19
2	Y		27.0	28.8	27 6		23.8		
3	W		26.0	28.8	26 9		23.1	Going	In
4	Y		25.0	27.5	25 8		22.0		
5	W		24.2	26.0	24 8		21.0		
6	R	10 29	22.8	25.0	23 5	3.7	19.8		
7	Y		21.4	23.5	22 1		18.4		
8	W		20.0	23.0	21 0		17.3		
9	Y		18.6	20.5	19 2		15.5		
10	W		17.2	19.2	17 9		14.2		
11	R	10 33	15.5	17.2	16 1	3.7	12.4		
12	Y		14.2	16.2	14 9		11.2		
13	W		13.0	15.5	13 8		10.1		
14	Y		12.0	14.0	12 7		9.0		
15	W		11.0	13.0	11 7		8.0		
16	R	10 37	10.0	11.5	10 5	3.6	6.9		
17	Y		8.5	10.5	9 2		5.6		
18	W		7.0	10.0	8 0		4.4		
19	Y		6.0	9.0	7 0		3.4	The	End

393+19 S.
BOAT

Profile No. ____ Notes Red. [illegible] Plotted H.U.M.M. Job No. 8412 Division No. ____ F.S. [illegible]
Date 7-22-46 Date ____ Survey of Beach Erosion - Redondo
X:Sec. No. ____ Notes Chkd. [illegible] Checked ____ Survey by [illegible] Notes [illegible] Date 6-28-46
Date 8-23-46 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. ____

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

Survey of ____ Notes ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____

Survey by ____

Indexed ____

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

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.		
393+19	0.94	14.22		13.28	2x4 Stk. - Sta. marker - See pg. 20	
			03	13.9	Beach level at Sta. 393+19	
			76	6.6	36' R. - Beach	
T.P.	2.54	7.26	7.50	4.72		
			44	2.9	85' R. - Beach	
			74	-0.1	155' R. - Ed. water	
			89	-1.6	227' R. - Water	
			97	-2.4	287' R. - "	
			106	-3.3	335' R. - "	
			115	-4.2	361' R. - "	

Range Line ∡ = 90° F.S. on "S. 28"

393+19 S.
In Shore

Profile No. ____ Notes Red. ____ Plotted M.U.M.H. Job No. 8[illegible] Division No. ____ F.B. [illegible]
Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Meineck Notes G.W.K. Date 7-2-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.		
398+19	1.17	11.52		10.35	2x4 Stk. - Sta. marker - See pg. 20	
			08	10.7	Beach level at Sta. 398+00	
			63	5.2	45' R - Beach	
			83	[illegible]	80' R - "	
T.P.	4.38	7.52	8.38	[illegible]		
			65	1.0	139' R - Ed. Water	
			81	-0.6	183' R - Water	
			98	-2.3	229' R - "	
			110	-3.5	258' R - "	
			107	-3.2	271' R - "	
			107	-3.2	310' R - "	
			115	-4.0	340' R - "	

Range Line ∡ = 90° F.S. on "S-28"

398+19 S.
IN SHORE

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Kleinecke Notes Gulf - 7-2-46 Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

Profile No.	Notes Red.	Plotted H.U.M.H.	Job No. 8412	Division No.	F.B. 118 Pg.
	Date	Date	Survey of Beach Erosion - Redondo		
X.Sec. No.	Notes Chkd.	Checked	Survey by Meineck	Notes GWK	Date 6-28-46
	Date	Date	Map No.	Indexed A. C. Johnson	

398+19 S.

RANGE

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 8-45

STATION	B. S.	H. I.	F. S.	ELEV.	Remarks
Inst. Sight At	On #	Color	Time	Hor. Ang.	
398+19	528 1	R	1050	9155	Range Line # - 900 F.S. on 5-28
	2	Y		8950	
	3	W		[illegible]	
	4	Y		8735	
	5	W		[illegible]	
	6	R	1050	8855	
	7	Y		9015	
	8	W		9025	
	9	Y		9010	
	10	W		9015	
	11	R	1100	9015	
	12	Y		8930	
	13	W		9015	
	14	Y		9035	
	15	W		9120	
	16	R	1163	9020	
	17	Y		8930	
	18	W		9045	
	19	Y		8960	

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. 1195 G. 202

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

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	
393+19	S-28	1	R	10.50	68° 40'	COMING IN	RANGE 398+19
		2	Y		64° 20'		
		3	W		62° 00'		
		4	Y		60° 50'		
		5	W		58° 25'		
		6	R	10.56	58° 40'		
		7	Y		58° 15'		
		8	W		57° 00'		
		9	Y		55° 20'		
		10	W		53° 55'		
		11	R	10.59	51° 40'		
		12	Y		49° 30'		
		13	W		48° 10'		
		14	Y		46° 50'		
		15	W		44° 15'		
		16	R	11.02	42° 40'		
		17	Y		40° 15'		
		18	W		38° 25'		
		19	Y		34° 00'	END OF LINE	

Profile No. ____ Notes Red. ____ Date ____ Plotted H.U.M.K. Job No. 842 Division No. ____ F.B. ____
X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Survey of Beach Erosion - Redondo
Date ____ Date ____ Survey by Meinert Notes Stock Date 6-28-46
Map No. ____ Indexed A. C. Johnson

398+19 S
Cut In

F.B. 1171 Pg. 200

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth		F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	10 50	28.0	31.0	29 0	3.4	25.6	Range 398+19
2	Y		26.5	29.0	27 3		23.9	
3	W		25.0	28.0	26 0		22.6	Going In
4	Y		24.0	26.5	24 8		21.4	
5	W		23.0	26.0	24 0		20.6	
6	R	10 56	22.0	24.0	22 7	3.4	19.3	
7	Y		21.0	23.0	21 7		18.3	
8	W		20.0	22.2	20 7		17.3	
9	Y		18.6	20.5	19 2		15.8	
10	W		17.6	19.0	18 1		14.7	
11	R	10 59	16.5	18.5	17 2	3.3	13.9	
12	Y		15.0	17.0	15 7		12.4	
13	W		14.0	15.5	14 5		11.2	
14	Y		13.0	15.0	13 7		10.4	
15	W		12.0	14.5	12 7		9.4	
16	R	11 02	11.0	13.0	11 7	3.3	8.4	
17	Y		9.8	12.0	10 5		7.2	
18	W		8.2	10.5	9 0		5.7	
19	Y		6.0	8.0	6 7		3.4	The End

398+19 S
Boat.

Profile No. ____ Notes Red. [illegible] Plotted H.U.M.H. Job No. [illegible] Division No. ____
X:Sec. No. ____ Date 7-22-46 Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. [illegible] Checked ____ Survey by Meineck Notes RA. Date 6-28-46
Date 8-23-46 Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 1/18 Pg. 203

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

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

Survey of ____ Notes ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____

Survey by ____

Indexed ____

F.B. ____ Pg. 206

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
403	5-28	1	C	11:26	8800	Range Line ∡ = 90° F.S. on 5-28"
419		2	Y		8800	
		3	W		8800	
		4	Y		[illegible]	
		5	W		9050	
		6	C	11:29	[illegible]	
		7	Y		8120	
		8	W		8115	
		9	Y		8100	
		10	W		8700	
		11	C	11:32	8850	
		12	Y		8920	
		13	W		9020	
		14	Y		9030	
		15	W		9100	
		16	C	11:35	[illegible]	
		17	Y		[illegible]	
		18	W		9105	
		19	Y		9240	
		20	W		9240	

403+19 So.
RANGE

Profile No. ____ Notes Red. ____ Date ____ Plotted H.U.M.M. Job No. 84M Division No. ____ F.B. [illegible]
X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Survey of Beach Erosion - Redondo
Date ____ Map No. ____ Indexed A. C. Johnson Survey by Meinert Notes GWK Date 6-28-46

F.B. 48 Pg. 208 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

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

Indexed | Date | Date | Date | No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
393+19	S-28	1	R	11 23	66° 55'	COMING IN	RANGE 403+19
		2	Y		66° 10'		
		3	W		65° 00'		
		4	Y		65° 20'		
		5	W		65° 00'		
		6	R	11 28	62° 40'		
		7	Y		61° 15'		
		8	W		60° 10'		
		~~9~~	~~Y~~		~~59° 40'~~		
		9 ~~10~~	Y		58° 40'		
		10 ~~11~~	W		57° 25'		
		11 ~~12~~	R	11 32	54° 40'		
		12 ~~13~~	Y		53° 50'		
		13 ~~14~~	W		51° 45'		
		14 ~~15~~	Y		50° 10'		
		15 ~~16~~	W		48° 20'		
		16 ~~17~~	R	11 35	46° 10'		
		17 ~~18~~	Y		42° 40'		
		18 ~~19~~	W		40° 50'		
		19 ~~20~~	Y		40° 10'		

over

403+19 So.
Cut In.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. [illegible]
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meneck Notes Stock Date 6-28-46
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	
393+19	S-28	20 ~~21~~	W		38°00'	COMING IN END OF LINE	RANGE 403+19

F.B. 118 Pg. 210 Job No. 8412 Division No. Notes Red. Date Plotted H.U.M.H. Date No. Profile
Survey of Beach Erosion - Redondo Notes Chkd. Date Checked Date No. X-Sec.
Survey by Meineck Notes Stock - 6-28-46 Date
Indexed 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.

Profile No. _____ Notes Red [illegible] Plotted H.O.M. Job No. 2922 Division No. _____
X-Sec. No. _____ Date 7-22-46 Date _____ Survey of Beach Erosion - Egg Rock
Notes Chkd. [illegible] Checked _____ Survey by [illegible] Notes C.A. Date 8-22-46
Date 8-23-46 Date _____ Map No. _____ Indexed A. C. Johnson Date _____

STATION		B. S.	H. I. Meas. Depth	F. S. Bottom	ELEV. Ht. Tide		Adj. Depth		Remarks
#	Color	Time							
1	R	11 24	27.8 30.0	28 5	3.1		25.4	←	Range 403+19
2	Y		26.8 28.3	27 3			24.2	←	
3	W		25.9 28.1	26 6			23.5	←	Going In
4	Y		24.9 26.2	25 3			22.2	←	
5	W		24.0 26.0	24 7			21.6	←	
6	R	11 28	23.0 25.0	23 7	3.1		20.6	←	
7	Y		22.0 25.0	23 0			19.9	←	
8	W		20.8 22.8	21 3			18.2	←	
9	Y		19.8 23.0	20 9			17.8	←	
10	W		18.6 21.2	19 5			16.4	←	
11	R	11 32	17.2 18.8	17 7	3.0		14.7	←	
12	Y		16.0 18.0	16 7			13.7	←	
13	W		14.8 16.8	15 5			12.5	←	
14	Y		14.0 16.0	14 7			11.7	←	
15	W		12.8 14.6	13 4			10.4	←	
16	R	11 35	11.8 13.8	12 5	3.0		9.5	←	403+19 So. Boat.
17	Y		10.5 12.5	11 2			8.2	←	
18	W		9.2 11.2	9 9			6.9	←	
19	Y		8.0 10.0	8 7			5.7	←	
20	W		6.5 8.8	7 3			4.3	←	The End

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Noted Back ____ Date ____ Noted Chkd. ____ Date ____

Division No. ____

Notes ____ Date ____

Survey by ____

Indexed ____

STATION	B. S.	H. I.	F. S.	ELEV.		
# Color	Time	Meas. Depth	Bottom	M.L.L.W. 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.	
403+19	069	1717		1648	{B.M. = L.T. in conc. box at storm drain outlet - See pg. 20.
			6.9	10.3	Beach level at Sta. 403+19
			10.4	6.8	22' R - Beach
T.P.	181	758	11.40	5.77	
			3.3	4.3	55' R - "
			6.0	1.6	116' R - Ed water.
			8.7	-1.1	222' R - Water.
			10.1	-2.5	290' R - "
			11.3	-3.7	343' R - "
			12.0	-4.4	360' R - "

Range Line 4 = 90° Fl. on "5-28"

403+19 So.
IN SHORE

Note Red. Plotted H.U.M.M. Job No. 8612 Division No.
No. Date Date Survey of Beach Erosion - Redondo
X-Sec. Notes Chkd. Checked Survey by Klamack Notes G.W.K. Date 7-2-
No. Date Date Map No. Indexed A. C. Johnson

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.	
408+19	2.30	18.78		16.48	B.M. = L+T in conc. box at storm drain outlet - See pg. 20
T.P.	0.12	9.38	9.5	9.26	Top Stk., marker for Sta. 408+19
			0.2	9.2	Beach Level at Sta.
			3.6	5.8	31' R - Beach
			6.3	2.1	80' R - "
			9.1	0.3	173' R - Ed. water
			10.9	-1.5	237' R - water
			12.2	-2.8	318' R - "
			12.5	-3.1	326' R - "
			13.0	-3.6	336' R - "

Range Line ∡ = 90° F.S. on "S-28"

408+19 So.
IN SHORE

B 1185 Pg. 214 Job No. 8412 Division No. Notes Red. Plotted H.O.M.H. Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Maineck Notes QWK - 7-2-46 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.

STATION Inst. At	Sight	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
408 +19	5-28	1	R	653	89 20	Range Line ∡ = 90° F.S. on 5-28"
		2	Y		89 40	
		3	W		89 30	
		4	Y		89 10	
		5	W		88 55	
		6	R	659	89 10	
		7	Y		89 50	
		8	W		90 00	
		9	Y		90 00	
		10	W		90 20	
		11	R	703	90 30	
		12	Y		90 20	
		13	W		90 20	
		14	Y		90 00	
		15	W		90 05	
		16	R	707	90 10	
		17	Y		89 40	
		~~18~~				

408+19 So
Range

Profile No. ____ Date ____ Notes Chkd. ____ Date ____ Plotted R.U.M.H. Job No. [illegible] Division No. ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Date ____ Checked ____ Date ____ Survey by Kleinock Notes [illegible] Date 6-29
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. ____

Job No. ____ Division No. ____ Notes Rcd. ____ Date ____ Plotted ____ Date ____

Notes ____ Notes Chkd. ____ Checked ____

Survey of ____ Date ____ Date ____

Survey by ____ Date ____ Date ____

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.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
403+19	S-28	1	R	6 53	69° 25'	COMING IN	Range 408+19
		2	Y		69° 05'		
		3	W		68° 20'		
		4	Y		66° 15'		
		5	W		65° 00'		
		6	R	6 58	63° 50'		
		7	Y		62° 40'		
		8	W		60° 20'		
		9	Y		57° 15'		
		10	W		55° 00'		
		11	R	7 03	52° 25'		
		12	Y		51° 00'		
		13	W		49° 35'		
		14	Y		48° 15'		
		15	W		47° 00'		
		16	R	7 07	45° 20'		
		17	Y		40° 55'	END OF LINE	

408+19
Cut IN

Profile No. ____ Notes Red. ____ Date ____ Plotted H.U.M.H. Date ____ Job No. ____ Division No. ____
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Beach Erosion - Redondo
Survey by Meineck Notes STOCK Date 6-29-
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 ____

F.B. 1115 Pg. 218

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 #	Color	B. S. Time	H. I. Meas. Depth		F. S. Bottom	ELEV. Ht. Tide	Adj. Depth	Remarks
1	R	6 53	26.8	29.0	27 5	1.5	26.0	Range Line 408+19
2	Y		25.5	27.0	26 0		24.5	
3	W		24.8	26.3	25 3		23.8	Going In
4	Y		23.3	25.0	23 9		22.4	
5	W		22.2	24.2	22 9		21.4	
6	R	6 58	20.9	23.2	21 7	1.6	20.1	
7	Y		20.0	22.0	20 7		19.1	
8	W		18.5	22.5	19 8		18.2	
9	Y		16.5	18.3	17 1		15.5	
10	W		15.5	18.0	16 3		14.7	
11	R	7 04	14.2	16.0	14 8	1.7	13.1	
12	Y		13.0	15.2	13 7		12.0	
13	W		11.8	13.8	12 5		10.8	
14	Y		10.7	12.0	11 1		9.4	
15	W		9.8	11.2	10 3		8.6	
16	R	7 07	8.5	10.8	9 3	1.7	7.6	
17	Y		7.8	10.8	8 6		6.9	The End

408+19 So.
Boat

Profile No. ____ Notes Red. [illegible] Plotted H.U.M.H. Job No. 8412 Division No. ____ F.B. [illegible]
Date 7-22-46 Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. [illegible] Checked ____ Survey by Meinecke Notes R.A. Date 6-29-46
Date 8-23-46 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.			
#	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. Notes Date

Survey of Survey by Indexed

F.B. 1195 PG. 220

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	
413	5-28	1	R	7.23	90.00	Range Line ∡ = 90° F.S. on "S-28"	
+19		2	Y		90.05		
		3	W		90.05		
		4	Y		90.05		
		5	W		90.05		
		6	R	7.27	90.05		
		7	Y		90.10		
		8	W		90.40		
		9	Y		91.00		
		10	W		91.15		
		11	R	7.30	90.15		
		12	Y		90.15		
		13	W		90.30		
		14	Y		90.55		
		15	W		89.10		
		16	R	7.39	89.10		
		17	Y		89.15		
		18	W		89.20		
		19	Y		93.05		
		20	W		93.20		

413+19 So.
RANGE

Profile No. ____ Notes Red. ____ Plotted H. U. M. H. Job No. 841 Division No. ____ F.B. 118 Pg. 2-21
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleinrock Notes B.W.K. Date 6-29-46
Date ____ Date ____ Map No. ____ Indexed C. Johnson

F.B. 1185 Pg. 222 Job No. 8412 Division No. _____ Notes Red. _____ Plotted H.U.M.H. Profile

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

Survey by Kleinack Notes GWK - 6-29-'46 Notes Chkd. _____ Checked _____ X-Sec.

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. Sight At	On	#	Color	Time	Hor. Ang.	Remarks
413	528	21	X		8 30	Cont'd.
419						

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	
408+19	S-28	1	R	7 22	69° 40'	COMING IN	RANGE 413+19
		2	Y		69° 25'		
		3	W		68° 50'		
		4	Y		68° 00'		
		5	W		67° 05'		
		6	R	7 26	66° 05'		
		7	Y		64° 50'		
		8	W		63° 30'		
		9	Y		61° 50'		
		10	W		60° 15'		
		11	R	7 33	56° 50'		
		12	Y		54° 35'		
		13	W		52° 10'		
		14	Y		50° 10'		
		15	W		50° 00'		
		16	R	7 39	48° 00'		
		17	Y		45° 50'		
		18	W		43° 20'		
		19	Y		38° 15'		
		20	W		36° 40'	cont'd next pg.	

413+19 So.
Cut In

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8412 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meineck Notes Stock Date 6-29-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 118 Pg. 2

F.B. 119 Pg. 224 Job No. 8412 Division No. _____ Notes Red. _____ Plotted H.U.M.H. Profile

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

Survey by Kleineck Notes Stock - 6-29-'46 Notes Chkd. _____ Checked _____ X-Sec.

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. Sight At	On	#	Color	Time	Hor. Ang.	Remarks
408+19	5-28	21	Y		32° 50	END OF LINE
						RANGE 413+19

FORM 307 2M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Lt. Tide	Adj. Depth	Remarks
1	R	7 23	26.0 28.3	26.8	2.0 ←	24.8 ←	Rangle 413 ± 19
2	Y		25.0 27.0	25.7		23.7 ←	
3	W		24.5 26.0	25.0		23,0 ←	Boing In
4	Y		23.5 26.2	24.4		22.4 ←	
5	W		23.3 24.8	23.8		21.8 ←	
6	R	7 27	22.1 23.8	22.7	2.0 ←	20.7 ←	
7	Y		21.3 23.0	21.9		19.9 ←	
8	W		20.0 22.0	20.7		18.7 ←	
9	Y		18.5 21.0	19.3		17.3 ←	
10	W		18.0 24.0	18.7		16.7 ←	
11	R	7 33	16.5 18.3	17.1	2.1 ←	15.0 ←	
12	Y		16.0 16.5	15.5		13.4 ←	
13	W		14.0 15.5	14.5		12.4 ←	
14	Y		13.0 14.3	13.4		11.3 ←	
15	W		12.5 13.8	12.9		~~9.8~~ 10.8	
16	R	7 39	10.8 13.8	11.8	2.3 ←	9.5 ←	
17	Y		9.5 11.5	10.2		7.9 ←	
18	W		8.5 10.0	9.0		6.7 ←	
19	Y		7.0 9.3	7.8		5.5 ←	
20	W		5.5 7.0	6.0		3.7 ←	

413 ± 19 S.
Boat

Profile No. _____ Notes Red. [illegible] Plotted M.L.M.M. Job No. Ruv Division No. _____
No. _____ Date 7-22-46 Date _____ Survey of Redondo Beach Erosion - Recondo
X-Sec. _____ Notes Chkd. [illegible] Checked _____ Survey by Hancock Notes R.E.A. Date 6-12-46
No. _____ Date 8-23-46 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.

Job No. _____ Division No. _____ Notes Red. _____ Plotted H.U.M.H. Profile No. _____
Date _____ Date _____ X-Sec. No. _____
Survey of _____ Notes _____ Notes Chkd. _____ Checked _____
Survey by C. Johnson Date _____ Date _____ Date _____
Indexed _____

STATION #	Color	B. S. Time	H. I. Meas. Depth	F. S. Bottom	ELEV. Tide	Adj. Depth	Remarks
21	Y		5.2 7.0	5.8	2.3		Range 413 +19 Boing In The End

FORM 307 3M 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.		
413+19	340	1266		926	On T.P. top of marker for Sta. 408+19 - see pg.	
T.P.	026	992	300	966	on rock 20' beyond Sta.	
			200	79	Beach level at Sta. 413+19	
			4.9	50	36' R - Beach	
			6.9	30	75' R - "	
			8.8	11	138' R - Ed. Water	
			11.0	-11	238' R - Water	
			12.5	-26	301' R - "	
			13.0	-31	334' R - "	
			13.0	-31	339' R - "	

Range Line 4 = 90° F.S. on "5-28"

413+19 So.
IN SHORE

Profile No. ____ Notes Red. ____ Plotted H. U. M. H. Job No. 8417 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleinert Notes GWK Date 7-2-46
Date ____ Date ____ Map No. ____ Indexed C. Job 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.		
418+19	193	1159		966	T.P. on rock 20' beyond Sta 413+19 See preceding page.	
T.P.	089	800	448	711	Pt. on rock near Sta. 418+19	
			05	75	Beach level at Sta 418+19	
			38	42	45' R - Beach.	
			53	27	80' R - "	
			67	13	133' R - "	
			85	-05	216' R - Ed. water	
			99	-19	280' R - water	
			111	-31	328' R - "	
			124	-44	368' R - "	
			126	-46	377' R - "	

418+19 So. IN SHORE

Range Line ∡ = 90° F.S. on "5-28"

F.B. 1156 Pg. 228 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion - Redondo Date Date No.
Survey by Meineck Notes Gwk - 7-3-46 Notes Chkd. Checked X-Sec.
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.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
418	5-28	1	R	759	90 20	Range Line ∡ = 90° F.S. on "5-28"
+19		2	Y		90 05	
		3	W		90 00	
		4	Y		89 40	
		5	W		89 30	
		6	R	804	89 25	
		7	Y		89 40	
		8	W		90 15	
		9	Y		90 20	
		10	W		90 45	
		11	R	811	91 10	
		12	Y		91 50	
		13	W		91 40	
		14	Y		91 10	
		15	W		90 30	
		16	R	814	90 35	
		17	Y		90 10	
		18	W		91 20	
		19	Y		92 15	
		20	W		95 00	

418+19 S.
RANGE

Profile No. ____ Notes Red. ____ Plotted [illegible] Job No. 8412 Division No. ____ F.B. [illegible]
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Kleinrock Notes BWK Date 6-29-[illegible]
Date ____ Date ____ Map No. ____ Indexed C. Johnson

F.B. 117 Pg. 230

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 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 # 0616 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	
413+19	S-28	1	R	7.58	72° 10'	COMING IN	RANGE 418+19
		2	Y		70° 55'		
		3	W		70° 00'		
		4	Y		68° 30'		
		5	W		67° 00'		
		6	R	8 03	65° 20'		
		7	Y		63° 10'		
		8	W		62° 35'		
		9	Y		61° 20'		
		10	W		59° 10'		
		11	R	8 11	57° 40'		
		12	Y		55° 55'		
		13	W		54° 40'		
		14	Y		53° 15'		
		15	W		51° 40'		
		16	R	8 13	49° 50'		
		17	Y		46° 00'		
		18	W		42° 35'		
		19	Y		40° 15'		
		20	W		35° 05	END OF LINE	

418+19. So.
Cut In

Profile No. ____ Notes Red. ____ Date ____ Plotted H.U.M.H. Job No. 847 Division No. ____ F.B. 418+19
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Beach Erosion - Redondo
Survey by Meinock Notes Stack Date 6-29-46
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 ____

F.B. 110 Pg. 232

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. At / Sight On	#	Colcr	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	7 59	28.0	30.5	28 8	2.8	26.0	Range	418+19
2	Y		26.8	28.1	27 2		24.4		
3	W		25.8	27.0	26 2		23.4	Going	In
4	Y		24.5	26.2	25 1		22.3		
5	W		23.8	25.3	24 3		21.5		
6	R	8 03	22.5	24.8	23 3	2.9	20.4		
7	Y		21.4	23.8	22 2		19.3		
8	W		20.0	21.8	20 6		17.7		
9	Y		18.3	20.5	19 0		16.1		
10	W		16.6	19.2	17 5		14.6		
11	R	8 11	16.0	18.3	16 8	3.0	13.8		
12	Y		14.8	16.0	15 2		12.2		
13	W		13.8	14.8	14 1		11.1		
14	Y		13.0	14.2	13 4		10.4		
15	W		12.5	13.5	12 8		9.8		
16	R	8 14	11.0	13.0	11 7	3.1	8.6		
17	Y		9.8	12.0	10 5		7.4		
18	W		8.5	10.0	9 0		5.9		
19	Y		6.0	8.5	6 8		3.7		
20	W		5.6	8.5	6 2		3.1	The	End

418+19 So.
Boat

Profile No. ____ Notes Red. AZ Date 7-22-46 Plotted H.U.M.M. Date ____ Job No. 842 Division No. ____
X:Sec. No. ____ Notes Chkd. BCM Date 8-23-46 Checked ____ Date ____ Survey of Beach Erosion - Redondo Survey by Maineck Notes R.A. Date 6-29-46 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.

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. 1176 Pg. 234

STATION	B. S.	H. I.	F. S.	ELEV.		
# Color	Time	Meas. Depth	Bottom	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
423	5-29	1	R	833	78 55	Range Line ∡ = 78°21' F.S. on 5-29
+19		2	Y		79 00	
		3	W		78 45	
		4	Y		79 05	
		5	W		78 15	
		6	R	836	77 25	
		7	Y		76 55	
		8	W		77 00	
		9	Y		77 40	
		10	W		78 10	
		11	R	844	79 10	
		12	Y		78 55	
		13	W		78 55	
		14	Y		78 50	
		15	W		79 20	
		16	R	848	79 50	
		17	Y		76 20	
		18	W		75 30	

Profile No. ____ Date ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8442 Division No. ____
X:Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Survey of Beach Erosion - Redondo
Survey by Kleineck Notes GWC Date 6-29-44
Map No. ____ Date ____ Indexed A. C. Johnson

423+19 So.
RANGE

F.B. 1/8 Fa. 236

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 6-48

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 On #		Color	Time	Hor. Ang.	Remarks
At					

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	
418+19	S-28	1	R	8 33	72° 10'	COMING IN	RANGE 423+19
		2	Y		71° 30'		
		3	W		70° 40'		
		4	Y		70° 00'		
		5	W		68° 00'		
		6	R	8 38	65° 35'		
		7	Y		63° 50'		
		8	W		62° 00'		
		9	Y		60° 30'		
		10	W		59° 35'		
		11	R	8 44	57° 25'		
		12	Y		55° 20'		
		13	W		53° 35'		
		14	Y		51° 15'		
		15	W		48° 55'		
		16	R	8 47	45° 25'		
		17	Y		36° 55'		
		18	W		32° 20'	END OF LINE	

423+19 So.
CUT IN

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 842 Division No. ____ F.B. 118 Pg. 2
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meineck Notes STOCK Date 6-29-46
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson

F.B. 48 Pg. 238

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

STATION	B. S.	H. I.	F. S.	ELEV.	
Inst. Sight At On	#	Obst 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	Mt. Tide	Adj. Depth		Remarks
1	R	8.33	27.5	28.5	27.8	3.4	24.4	Range	423+19
2	Y		26.5	28.5	27.2		23.8		
3	W		25.0	28.2	26.1		22.7	Going	In
4	Y		24.5	26.5	25.2		21.8		
5	W		23.2	24.8	23.7		20.3		
6	R	8 38	21.6	23.0	22.1	3.5	18.6		
7	Y		20.5	21.5	20.8		17.3		
8	W		19.2	21.0	19.8		16.3		
9	Y		17.6	19.2	18.1		14.6		
10	W		16.2	18.0	16.8		13.3		
11	R	8 44	14.6	16.0	15.1	3.6	11.5		
12	Y		14.0	15.2	14.4		10.8		
13	W		12.8	15.0	13.5		9.9		
14	Y		11.5	13.0	12.0		8.4		
15	W		10.0	12.2	10.7		7.1		
16	R	8 48	9.0	12.0	10.0	3.6	6.4		
17	Y		7.5	9.3	8.1		4.5		
18	W		5.5	8.0	6.3		2.7	The	End

423+19 So.
Boat

Profile No. ____ Notes Red. NR Plotted H.U.M.H. Job No. 847 Division No. ____
X-Sec. No. ____ Date 7-22-46 Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. RCWT Checked ____ Survey by Memorie Notes RA Date 6-29-46
Date 8-23-46 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.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks

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

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

Survey by ____ Date ____

Indexed ____

F.B. 1115 Pg. 240

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.	
423+19	552	1263		711	T.P. on rock near Sta. 418+19
			255	1008	On 2x4 Stk-marker for Sta. 423+19 {El. 1006
T.P.	026	1178	111	1152	R.M. #2 for Sta. "5-28", pg. 21-El. 1152
			17	101	Beach at Sta. 423+19
			63	55	25' R - Beach
			77	41	56' R - "
			90	28	90' R - "
T.P.	417	724	871	307	
			60	12	155' R - "
			74	-02	220' R - Ed. Water
			86	-14	265' R - Water
			98	-26	317' R - "
			111	-39	356' R - "
			113	-41	365' R - "

Range Line ∡ = 78°21' F.S. on "5-29"

423+19 So.
In Shore

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8W Division No. ____ F.B. 1156 Pg. 24
X:Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meinert Notes Bulk Date 7-3-46
Date ____ Date ____ Map No. ____ Indexed L. 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.		
428+19	0.59	9.74		1.5	From pg. 21.	
			07	90	Beach level at Sta.	
			53	44	27' R – Beach	
			70	27	74' R – "	
T.P.	4.13	7.00	7.67	2.07		
			58	12	149' R – Ed. water	
			83	-13	249' R – Water	
			92	-22	284' R – "	
			100	-30	333' R – "	
			104	-34	350' R – "	
			116	-46	373' R – "	

428+19 So.
IN SHORE

Range Line ∡ = 78°21' F.S. on "5-29"

F.B. 1188 Pg. 242 Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile
Survey of Beach Erosion – Redondo Date Date No.
Survey by Bleneck Notes GWK – 7-3-46 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	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks
428 +19	5-29	1	R	903	7850	Range Line ∡ = 78°21' F.S. on "5-29"
		2	Y		7900	
		3	W		7755	
		4	Y		7740	
		5	W		7700	
		6	R	909	7750	
		7	Y		7740	
		8	W		7800	
		9	Y		7840	
		10	W		7910	
		11	C	15	7810	
		12	Y		7800	
		13	W		7810	
		14	Y		7805	
		15	W		7700	
		16	C	922	7735	
		17	Y		7700	
		18	W		7815	
		19	Y		7800	
		20	W		7810	

428+19 So.
RANGE

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 8442 Division No. ____ F.B. 118 Pg. 2-3
Date ____ Date ____ Survey of Beach Erosion - Redondo
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Meinecke Notes Gulk Date 6-29-46
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	

F.B. 1185 PG. 244

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

Survey of ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
S-28	S-29	1	R	9.02	60°.20'	COMING IN	RANGE 428+19
		2	Y		59°.35'		
		3	W		56°.40'		
		4	Y		55°.50'		
		5	W		54°.45'		
		6	R	9.08	54°.30'		
		7	Y		53°.30'		
		8	W		53°.00'		
		9	Y		51°.55'		
		10	W		50°.50'		
		11	R	9.15	48°.50'		
		12	Y		47°.10'		
		13	W		45°.30'		
		14	Y		44°.15'		
		15	W		41°.55'		
		16	R	9.21	35°.10'		
		17	Y		34°.10'		
		18	W		28°.30'		
		19	Y		27°.15'		
		20	W		21°.45'	END OF LINE	

428+19 So.
CUT IN.

Profile No. ____ Notes Red. ____ Date ____ Plotted H.U.M.M. Job No. 342 Division No. ____
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Beach Erosion - Redondo
Survey by Hancock Notes Stock Date 6-29-46
Map No. ____ Date ____ Indexed C. Job Pitch

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.		
Last Sight At	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. 118 PG. 246

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
1	R	9 02	28.6	30.2	29 1	3.8	25.3	Range	428+19
2	Y		27.2	29.0	27 8		24.0		
3	W		25.8	27.2	26 3		22.5	Going	In
4	Y		24.4	26.0	24 9		21.1		
5	W		23.5	25.8	24 3		20.5		
6	R	9 09	22.6	24.8	23 3	3.9	19.4		
7	Y		21.8	23.8	22 5		18.6		
8	W		20.6	22.5	21 2		17.3		
9	Y		19.2	20.7	19 7		15.8		
10	W		18.0	20.2	18 7		14.8		
11	R	9 15	16.6	18.6	17 3	3.9	13.4		
12	Y		15.0	17.5	15 8		11.9		
13	W		14.0	15.6	14 5		10.6		
14	Y		12.8	14.5	13 4		9.5		
15	W		11.5	13.6	12 2		8.3		
16	R	9 21	10.0	11.8	10 6	3.9	6.7		
17	Y		8.8	10.0	9 2		5.3		
18	W		7.3	8.2	7 6		3.7		
19	Y		6.0	8.0	6 7		2.8		
20	W		4.8	8.2	5 9		2.0	The	End

428+19 So.
Boat

Profile No. ____ Notes Red. [illegible] Plotted H.U.M.H. Job No. 8417 Division No. ____ F.B. [illegible]
X:Sec. No. ____ Date 7-22-46 Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. [illegible] Checked ____ Survey by Kleinert Notes R.D. Date 6-29-46
Date 8-23-46 Date ____ Map No. ____ Indexed A. C. Job Date ____

F.B. 118 Pg. 248 | 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 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

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

FORM 307 2M 6-48

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
430	S29	1	C	931	7720	Range Line ∡ = 78°21' F.S. on "S-29"
+19		2	Y		7725	
		3	W		7750	
		4	Y		7800	
		5	W		7810	
		6	R	943	7755	
		7	Y		7700	
		8	W		7640	
		9	Y		7725	
		10	W		7905	
		11	R	947	7950	
		12	Y		7745	
		13	W		7650	
		14	Y		7625	
		15	W		8140	
		16	C	953	7845	
		17	Y		7815	
		18	W		7855	
		19	Y		7950	
		20	W		7940	cont'd on next pg.

430+19.50
RANGE

Profile No. ___ Notes Red. ___ Date ___ Plotted H.U.M.K. Job No. 8447 Division No. ___ Survey of Beach Erosion - Redondo
X-Sec. No. ___ Notes Chkd. ___ Date ___ Checked ___ Date ___ Survey by Kleineck Notes GWK Date 6-29-48
Map No. ___ Indexed C. Johnson

[illegible] 250 Job No. 8412 Division No. _____ Notes Red. _____ Plotted H.U.M.W. Profile

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

Survey by Meineck Notes GWK - 6-29-46 Notes Chkd. _____ Checked _____ X-Sec.

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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
430	21	R	957	7955	Cont
49					

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION Inst. At	Sight On	B. S. #	H. I. Color	F. S. Time	ELEV. Hor. Ang.	Remarks	
S-28	S-29	1	R	9 38	53° 00'	COMING IN	RANGE 430+19
		2	Y		52° 40'		
		3	W		52° 20'		
		4	Y		52° 00'		
		5	W		50° 30'		
		6	R	9 42	49° 15'		
		7	Y		47° 05'		
		8	W		45° 50'		
		9	Y		45° 40'		
		10	W		45° 40'		
		11	R	9 46	43° 50'		
		12	Y		41° 40'		
		13	W		40° 05'		
		14	Y		38° 10'		
		15	W		35° 50'		
		16	R	9 52	31° 20'		
		17	Y		27° 55'		
		18	W		24° 50'		
		19	Y		23° 10'		
		20	W		19° 50'	Cont'd on next pg	

430+19 So.
CUT IN.

Profile No. ____ Notes Red. ____ Plotted H.U.M.H. Job No. 842 Division No. ____
X:Sec. ____ Date ____ Date ____ Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by Meinecke Notes Stock Date 6-29-46
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Jorgensen

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 H.U.M.M. Date ____ Checked ____ Date ____

Notes Red. ____ Date 6-29-46 Notes Chkd. ____ Date ____

Job No. 8412 Division No. Gardena-Redondo

Survey of Beach Erosion

Survey by Bennett Notes STOCK 6-27-46

Indexed A. C. Johnson Date ____

F.B. 1108 Pg. 252

STATION		B. S.	H. I.	F. S.	ELEV.		
Inst. At	Sight On	#	Color	Time Hor. Ang.		Remarks	
S-28	S-29	21	R	9 56	14° 50'	COMING IN	RANGE 430±19

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.

Profile Notes Red. Plotted H.U.M.R. Job No. 142 Division No.
No. Date 7-22-46 Date Survey of Beach Erosion Redondo
X-Sec. Notes Chkd. Checked Survey by H.U.M.R. Notes Ditto 6-24-46
No. Date 8-23-46 Date Map No. Indexed J. C. Johnson

STATION		B. S.	H. I. Meas. Depth		F. S. Bottom	ELEV. Ht. Tide	Adj. Depth		Remarks
#	Color	Time							
1	R	9 38	29.0	30.8	29 6	4.0	25.6	Range	430 +19
2	Y		27.8	29.8	28.5		24.5		
3	W		26.8	28.0	27 2		23.2	Going In.	
4	Y		25.8	28.0	26 5		22.5		
5	W		24.1	27.0	25.3		21.3	This completes the	
6	R	9 42	23.0	25.5	23 8	4.0	19.8	Redondo Area.	
7	Y		22.0	24.0	22 7		18.7		
8	W		21.0	23.4	21 8		17.8		
9	Y		19.8	22.0	20 5		16.5		
10	W		18.8	21.2	19 6		15.6		
11	R	9 47	17.6	18.1	18 2	4.1	14.1		
12	Y		16.0	18.0	17 0		12.9		
13	W		14.6	16.8	15 3		11.2		
14	Y		13.2	15.2	13 9		9.8		
15	W		12.0	14.5	12 8		8.7		
16	R	9 52	10.6	12.2	11 1	4.1	7.0		
17	Y		9.5	11.6	10 0		~~6.9~~ 5.9		
18	W		8.0	10.0	8 7		4.6		
19	Y		7.8	9.0	8 2		4.1		
20	W		5.5	7.3	6 1		~~2.4~~ 2.0		

430+19 So.
Bent

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION		B. S.	H. I.	F. S.	ELEV.			
#	Color	Time	Meas. Depth	Bottom	Ht. Tide	Adj. Depth		Remarks
21	R	9 5 6	4.5 6.0	5.0	4.1	0.9	Range	430+19
							Going	In - The End

Survey of ____ Job No. ____ Division No. ____ Notes Rad. ____ Date 7-22-46 Plotted H.D.M.M. Date ____ No. ____ K-Sec. ____

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

Indexed A. C. Johnson Date ____ Date ____

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
MAIL OF RECORDS

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE 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.	
430+19	354	1269		915	On Sta. 428+19. See pg. 21
			0.91	1178	ground level 4x4 Stk = marker for Sta. 430+19
			8.2	45	39' R - Beach
			10.3	24	97' R - "
T.P.	435	707	9.97	272	
			6.5	06	179' R - Ed water
			8.2	-1.1	258' R - Water
			9.7	-26	328' R - "
			10.8	-37	372' R - "

Range Line ∡ = 78°21' F.S. on "S-29"

430+19 Sa.
In Shore

Plotted By ___ Job No. ___ Surveyed By ___
Date ___ Survey of [illegible]
Checked ___ Survey by [illegible]
Date ___ Map No. ___ Indexed C. Johnson

Notes Notes Chkd. Checked

Indexed Date Date Date