Survey of BEACH EROSION ST. F. B. 2808 Pg. 5
Surveyed by W. D. BAY
Notes BAY Date 1-62
Indexed H. E. OTT JAN 22 62

J.N. 0300.02

BEACH EROSION STUDIES

FROM

MONSTAR PIER (STA. 302+14)

SOUTH, TO

MALAGA COVE STA. (428+19)

JANUARY 9 - 15, 1962

OFFSHORE:

BAY	(BOAT)
BAZEN	HALE J.
MYERS	SHOEMAKER
MATHER	
OHASHI	
VALDEZ	
LIEBER	

ONSHORE:

IND	DREIER
GAULT	MOODY
ARO	SMITH, N.
OODWIN	WORKMAN
ODRIGUEZ	KVAMMEN

[redacted] microfilmed. March 85

F. B. 2808 PG. 6

INDEX

S-16 = 294 + 09.98

PGS. 7-10

S-17 = 298 + 37.29

PGS. 11-16

MINSTAD PIER

S-18 = 301 + 70.06

PGS. 17-36

NOT TO SCALE

S-19 = 305 + 71.89

PGS. 37-66

S-20 = 312 + 00.85

GROIN

PGS. 67-112

S-21 = 317 + 96.73

PGS. 113-148

S-22 = 323 + 26.83

GROIN

PGS. 149-206

S-23 = 333 + 41.09

PGS. 207-216

S-24 = 337 + 12.81

PGS. 217- [redacted]

S-25 = 344 + 22.35

PGS. 235-252

CONT. IN F.B. 2809

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76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
S-19	4 05	25 61		21.56	S-19 EL = 21.56	EB. 2100
T.P.	5 87	24 52	6 96	18 65		
300+65			471	19 81	Spk & Tin	
298+65			495	19 57	Spk & Tin	
S-17			498	19 54	Spk & Tin	
296+65			578	18 74	Spk & Tin	
294+65			615	18 37	Spk. & Tin	
T.P.	755	26 15	592	18 60		
S-19			459	21 56	S-19 EL = 21.56	
						294+65 IN SHORE
294+65	322	21 59		18 37		
			32	18.4	2 FT LEFT BRK TOP BANK	
			30	18 6		7° RT EDGE DIRT
						20 RT ROCK BRK ABOUT SAME ELEV. 1.5 DIRT
T.P.	1 06	10 93	11 72	9 87		
	1 58	6 21	6 30	4 63		
			41	21	GUN AT S-17 SIGHT ON 16	45 FT RT.
			59	03	11° 14'	

CONT. NEXT PAGE

Profile No. X-Sec. Notes Rod Date Notes Chkd. Plotted Date Checked Job No. Survey of Survey by Map No. Division No. Notes Date F.B. 2808 Pg. 7

F.B. 2808 Pg. 8

Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date 1-12-62 Date _____ No. _____

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

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	
		621			
			75	-13.	
			91	-29.	
			103	-41.	
			129	-67.	
			154	-92.	
			175	-113.	
					CONT.
				2	16° 46'
				3	20 52
				4	27 02
				5	31 57
				6	37 50
				7	41 34

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.				
294+65	3.22	21.59		18.37	(CONT. FROM 294+65 INSHORE)			296+65 INSHORE
296+65			2.8	18.6				℄
			2.4	19.2				1 FT RT
			2.2	19.4				10 FT RT
								(20 FT RT ROCK EYE +8-, SAME ELEV AS 10 FT RT)
T.D	1.06	10.93	11.72	9.5				
	1.58	6.21	6.30	4.63				
			5.0	1.2				48 FT RIGHT
			7.1	-0.9	SET ON 17			SIGHT ON S-16
			8.4	-2.2	1	28°	15	
			9.4	-3.2	2	36	17	
			11.6	-5.4	3	44	09	
			15.9	-7.7	4	50	39	
			16.1	-9.9	5	56	30	
			17.5	-11.3	6	60	51	
					7	63	04	(± 10 INSIDE OUTER)

Profile Notes Red. ____ Plotted ____ Job No. 0.3.0.0.2 Division No. 11 F. B. 2808 Pg. 8
No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. ____ Checked ____ Survey by DREIER Notes DREIER Date 1-17-62
No. ____ Date ____ Date ____ Map No. ____ Index H. E. OTT Date ____

F. B. 2808 Pg. 10 Job No. 0300.02 Division No. 11 Notes Red Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

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

Indexed Date Date Date No.

STATION	S. S.	H. I.	F. S.	ELEV.
Blank				

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.				
298+65	295	2252		195.7	(CONT. FROM 294+65 INSHORE)			298+65
"			31	194.				8 FT RT EDGE PAVEMENT
"			21	204.4	ROCK SHOULDER 17± FT RT.			
T.P.	134	698	1688	564				
					GUN AT 300+65 SIGHT ON S-1			
			53	17.	1	13°	37	
			72	-02.	2	23	28	
			87	-17.	3	32°	43'	
			98	-28.	4	40	19	
			119	-49.	5	49	07	
			142	-72.	6	55	43	
			157	-87.	7	59	48	
			174	-104.	8	63	05	(10± INSIDE HORSESHOE)

Profile Notes Red. ____ Plotted ____ Job No. P3200.01 Division No. 11 F. B. 2808 Pg. 11
No. ____ X-Sec. Date ____ Date ____ Survey of Beach Erosion Studies
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes D Date [illegible]
Date ____ Map No. ____ Index H. E. OTT Date ____

F. B. 2808 Pg. 12 Job No. 8300.02 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

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

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
	2 95	22 52		1957	(CONT. FROM 294+65 INSHORE)	300 + 65 INSHORE
300+65			271	1981		
"			27	198		3 FT RT EDGE PAV.
T. P.	134	6 98	16 88	564		
					GUN AT S-17	SIGHT ON S-18
			51	19	1 11° 07	
			69	01	2 17 27	
			79	-09	3 22 13	
			88	-18	4 26 22	
			95	-25	5 30 22	
			107	-37	6 34 17	
			124	-54	7 38 13	
			143	-73	8 42 49	
			165	-95	9 46 16	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 030002 Division No. 11 F. B. 2808 Pg. 13
X-Sec. No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
Notes Chkd. ____ Checked ____ Survey by RCBUCK Notes REFER Date 1-12-62
Date ____ Date ____ Map No. ____ Index H. E. OTT Date ____

F. B. 2808 Pg. 14

Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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Profile No. ____ Notes Red. ____ Plotted ____ Job No. 23000 Division No. 11 F. B. 2808 PG. 15
X-Sec. No. ____ Date ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by DUSEK Notes G.E.D. Date 1-9-62
Map No. ____ Index H. E. OTT Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	INSHORE 301+75 87 LEFT	RIGHT
B.M.-S-19	277	24.33		21.56		
T.P.	090	12.94 ~~13.17~~	1229	12.04		INSHORE 301+87
			50	8.23	℄	(NLY SIDE OF GROIN)
			26	10.63	15 FT LEFT	
			26	10.63	28	
			13	11.96	37	
			08	12.31	90	
		5.95 ~~6.26~~	760	5.59		
	061		36	2.36		35 FT RIGHT
					GUN ON S-19 SIGHT 18	
			58	0.51	(1) 8° 06'	
			74	-1.85	(2) 11 52	
			88	-2.49	(3) 16 29	
			105	-4.96	(4) 21 21	

F. B. 2808 Pg. 16 Job No. 0300.01 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

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

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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INSHORE 302+14

STATION	B. S.	H. I.	F. S.	ELEV.		
BM S-19	277	34 33		26 56	BM S-19	
T.P.	420	16 64	1229	12 04		
	486	13 41	909	9 55		INSHORE 3+02.14 S. SIDE OF GROIN
3+02.14			48	96	CENTERLINE	
			31	103	16° Lt. Bell	
			14	120	42° Lt.	
			72	62		19° Rt.
T.P.	076	697	720	1 21	T.P. FOR SWING	PARTY
			52	8 8	GUN AT S-19	SIGHT ON S-18
			79	19	(1) 8° 06'	
			89	-19	(2) 15 36	
			169	-39	(3) 20 39	
			137	-67	(4) 25 22	
			175	-105	(5) 30 42	
					(6) 35 31	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2800 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by H. E. UTT Date 1-9-57
Notes ____ Date ____ Map No. ____ Date ____ Index H. E. UTT Date ____

F. B. 2800 P PG. 17

F. B. 2808 Pg. 18

Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

Survey by DREIER Notes G.E.D. Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76L-208 S & E #307—1-56

76L298 307 Cdb 1-62

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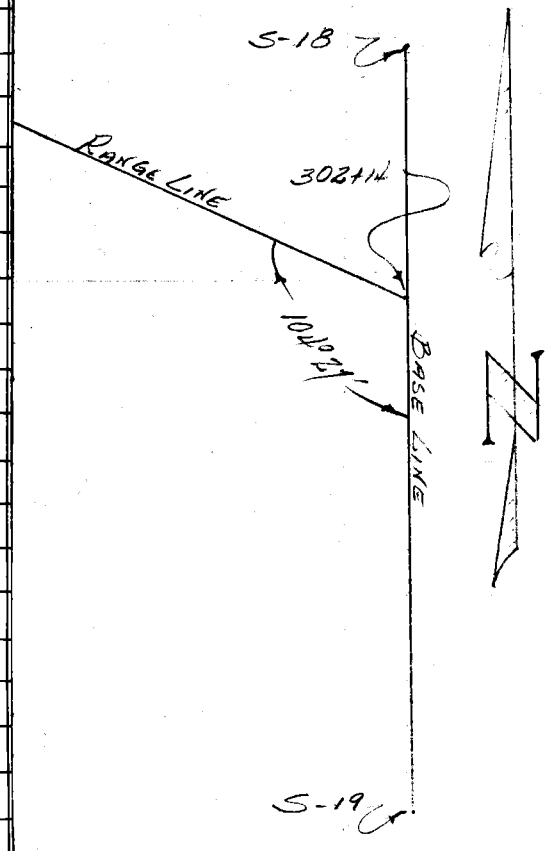
INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
302+14	S-19	8:12	1.	104°	27'			
			2	"	"			
			3	"	"			
			4	"	"			
			5	"	"			
			6	"	"			
			7	"	"			
			8	"	"			
			9	"	"			
			10	"	"			
			11	"	"			
			12	"	"			
			13	"	"			
			14	"	"			
			15	"	"			
			16	"	"			
			17	"	"			
			18	"	"			
			19	"	"			
			20	"	"			



Profile Notes Red. ____ Plotted ____ Job No. 03000 Division No. 11 F. B. 2000 Pg. 19

No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES

X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 1-19-62

No. ____ Date ____ Date ____ Map No. ____ Index H. E. OTT Date ____

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F. B. 2808 Pg. 20 | Job No. 830202 Division No. 11 | Notes Red. ____ Plotted ____ Profile

Survey of BEACH EROSION STUDIES | Date ____ Date ____ No. ____

Survey by BAY | Notes VALDEZ | Notes Chkd. ____ Checked ____ X-Sec.

Indexed H F OTT | Date ____ Date ____ No. ____

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
3024 14	S-19		21	104°	27			
			22	"	"			
			23	"	"			
			24	"	"			
			25	"	"			
			26	"	"			
			27	"	"			
			28	"	"			
			29	"	"			
			30	"	"			
			31	"	"			
			32	"	"			
			33	"	"			
			34	"	"			
			35	"	"			
			36	"	"			
			37	"	"			
			38	"	"			
			39	"	"			
			40	"	"			

76L298 307 Cdb 1-62

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INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
30244	S-19		41	10 20°	27'			
			42	"	"			
			43	"	"			
			44	"	"			
			45	"	"			
			46	"	"			
		8:22.	47	"	"			

SKETCH PG. 19

Profile Notes Red. ____ Plotted ____ Job No. 23000 Division No. 11 F. B. 2000 Pg. 21
No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

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INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					

Profile

Plotted ____ Date ____ No. ____ X-Sec.

Notes Red. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ No. ____

Division No. 11

Job No. 2300.02

F. B. 2808 Pg. 22

Survey of BEACH EROSION STUDIES

Survey by BAY

Notes VAL DEZ

Indexed ____ Date ____

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CUT GUN

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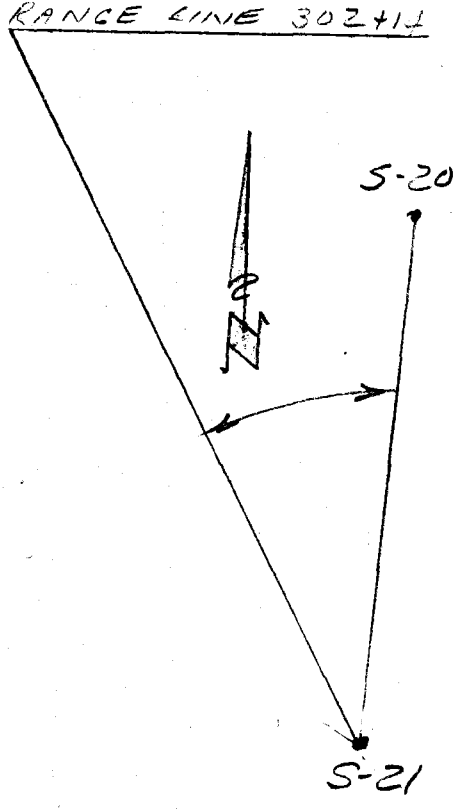
INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
S-21	S-20	8:12	1	66.	20.			
			2	64.	40.			
			3	63.	07.			3021506
			4	61.	33.			
			5	60.	38.			
			6	59.	40.			3021507
			7	58.	35.			
			8	57.	45.			
			9	56.	40.			3021508
			10	55.	34.			
			11	54.	39.			
			12	53.	30.			3021509
			13	52.	14.			
			14	51.	10.			
			15	50.	00.			3021510
			16	49.	00.			
			17	47.	40.			
			18	46.	33.			3021511
			19	44.	32.			
			20	41.	44.			

RANGE LINE 3021+1



Profile No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 3[illegible] Division No. 11 F. B. 2808 Pg. 23
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of BEACH EROSION STUDIES
Survey by [illegible] Date 1-10-62 Notes [illegible] Date ____ Map No. ____ Date ____ Index H. E. OTT

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Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
S-21	S-20		21	40.	05.			3021512
			22	39.	00.			
			23	37.	19.			
			24	35.	53.			3021513
			25	33.	50.			
			26	32.	03.			
			27	31.	04.			3021514
			28	30.	00.			
			29	29.	00.			
			30	28.	16.			3021515
			31	27.	47.			
			32	27.	04.			
			33	26.	20.			3021516
			34	25.	30.			
			35	24.	49.			
			36	24.	04.			3021606
			37	23.	30.			
			38	22.	45.			
			39	22.	00.			3021607
			40	21.	12.			

continued on next page #25

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red. ____ Date ____ Notes Chkd. ____ Date ____
Division No. 11 Job No. 0300.02
Survey of BEACH EROSION STUDIES
Survey by Ray Notes BAZEN
Indexed H. E. OTT Date ____
F.B. 2808 Pg. 24

76L298 307 Cdb 1-62

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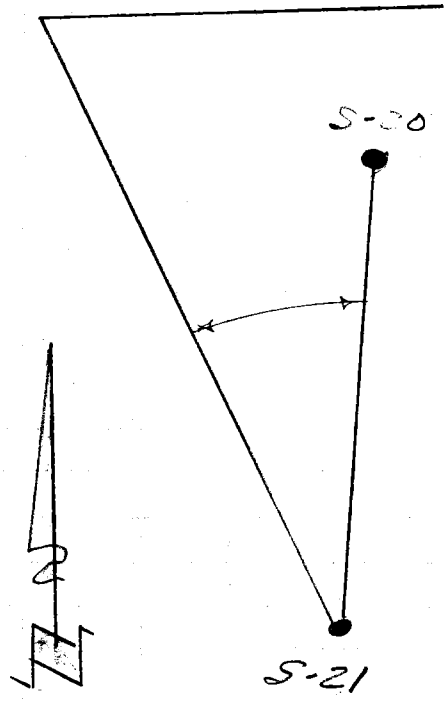
CUT GUN

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
S-21	S-20		41	20.	32.			
			42	19.	47.			3021608
			43	19.	00'			
			44	18'	18'			
			45	17.	18.			3021609
			46	16.	33.			
		8:22	47	16.	13.			
				00.	00.			3021610
				00.	00.			
				00.	00.			
				00.	00.			3021611
						104.	27.	
						00.	00.	
						00.	00.	3021612
						00.	00.	
						00.	00.	
						00.	00.	[illegible]

RANGE 302+14



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 2808 Pg. 25
No. Date Date Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. Checked Survey by [illegible] Notes [illegible] Date 1-10-62
No. Date Date Map No. Indexed H. E. OTT Date

F. B. 2808 PG. 26 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Do not extend notes this side of this line.

761298 307 Cdb 1-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L-298 S & E #307—1-56

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		13 4				INSHORE
T.P.	+32	17 43	075	1260		304+65
304+65			+3	127	CONTROL	LINE
			47	128	40° Lt.	
			63	112		35° Lt. T. BAR
			123	52		82° Lt.
T.P.	117	635	1230	518	TR. FOR SWIM PARTY	
					GUN ON S-19	SIGHTING 18
			61	02	(1) 41° 43'	
			76	18	(2) 47 16	
			88	-24	(3) 51 15	
			105	-42	(4) 55 13	
			138	-75	(5) 59 18	
			168	-105	(6) 61 56	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8300.02 Division No. 11 F. B. 2808 PG. 27
X-Sec. No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
Notes Chkd. ____ Checked ____ Survey by LINO & DRIFTER Reg. ____ Date 1-9-62
Date ____ Date ____ Map No. ____ Indexed ____ Date ____
R. E. OTT

F. B. 2808 Pg. 28 | Job No. 0300.02 | Division No. 11 | Notes Red | Plotted | Profile

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

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

Indexed | Date | Date | Date | No.

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

Blank

792.06
- 06
12
669.

Do not extend notes this side of this line.

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L-298 S & K #307—1-56

76L298 307 Cdb 1-62

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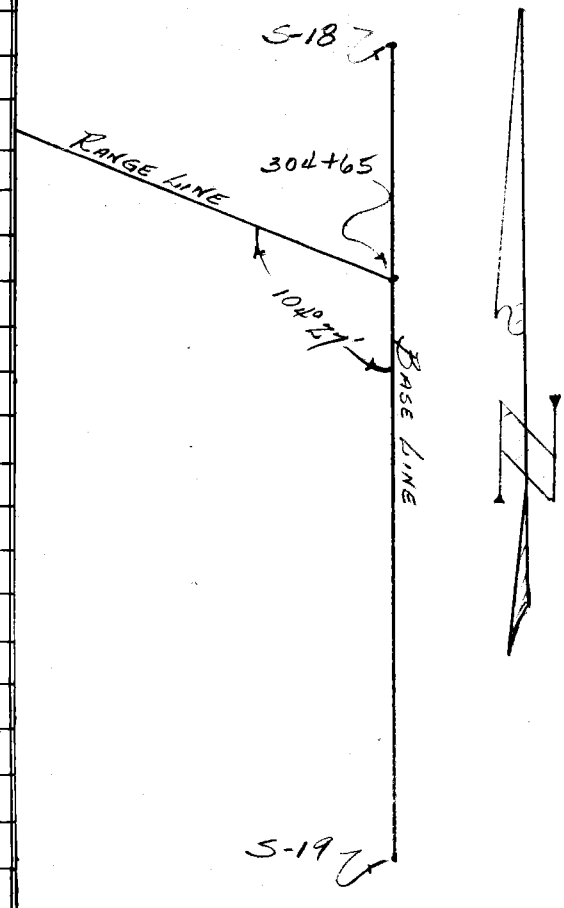
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
304+65	S-19	8:41	1	104°	27'			
			2	"	"			
			3	"	"			
			4	"	"			
			5	"	"			
			6	"	"			
			7	"	"			
			8	"	"			
			9	"	"			
			10	"	"			
			11	"	"			
			12	"	"			
			13	"	"			
			14	"	"			
			15	"	"			
			16	"	"			
			17	"	"			
			18	"	"			
			19	"	"			
			20	"	"			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 03000.02 Division No. 11 F. B. 2808 Pg. 29

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

Survey by ____ Notes BUILDER Date 1-10-62

Map No. ____ Date ____ Index H. E. OTT Date ____

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
304+65	S-19		21	104	27			
			22	"	"			
			23	"	"			
			24	"	"			
			25	"	"			
			26	"	"			
			27	"	"			
			28	"	"			
			29	"	"			
			30	"	"			
			31	"	"			
			32	"	"			
			33	"	"			
			34	"	"			
			35	"	"			
			36	"	"			
			37	"	"			
			38	"	"			
			39	"	"			
			40	"	"			

F. B. 2808 Pg. 30

Job No. 0300.02 Division No. 11

Survey of BEACH EROSION STUDIES

Survey by BAY Notes KALDEL

Indexed H. E. OTT Date

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
304+65	5-19		41	102°	27'			
			42	"	"			
			43	"	"			
			44	"	"			
			45	"	"			
			46	"	"			
			47	"	"			
			48	"	"			
			49	"	"			
			50	"	"			
			51	"	"			
			52	"	"			
			53	"	"			
			54	"	"			
			55	"	"			
			56	"	"			
			57	"	"			
		8:52	58	"	"			

SKETCH PG. 29

Profile Notes Red. ____ Plotted ____ Job No. 23000 Division No. 11 F. B. 28098 Pg. 31

No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES

X-Sec. Notes Chkd. ____ Checked ____ Survey by BOY Notes WALDEN Date 1-10-62

No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Job No. 03002 Division No. 11

Notes Date

F. B. 2808 Pg. 32

Survey of

Survey by

Indexed

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

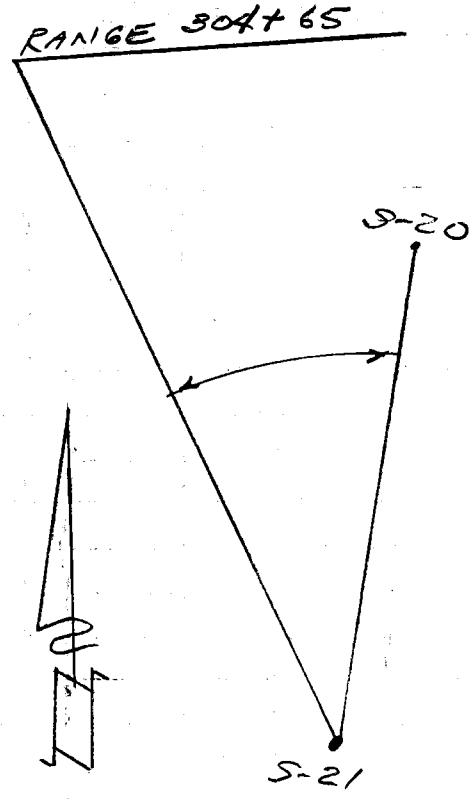
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
S-21	S-20	8:42	1	74.	45.			
			2	74.	08.			
			3	73.	10.			3046606
			4	72.	11.			
			5	70.	33.			
			6	69.	20.	✓		3046607
			7	67.	40.			
			8	66.	44.			
			9	65.	46.			3046608
			10	64.	43.			
			11	63.	23.			
			12	62.	50.			3046609
			13	60.	23.			
			14	58.	45.			
			15	55.	49.			3046610
			16	54.	57.			
			17	53.	10.			
			18	52.	19.			3046611
			19	51.	47.			
			20	51.	29.			

over

RANGE 304+65



Profile Notes Red. ____ Plotted ____ Job No. 03300.02 Division No. 11 F. B. 2808 Pg. 53
No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 1-10-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F. B. 2808 Pg. 34 | Job No. 0300.02 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of BEACH EROSION STUDIES | Date | No. | X-Sec.
Survey by BAY | Notes BAZEN | Notes Chkd. | Checked
Indexed H. E. OTT | Date | Date | No.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
S-21	S-20		21	50.	50.			3046612
			22	50.	04.			
			23	49.	29.			
			24	48.	50.			3046613
			25	48.	14.			
			26	47.	32.			
			27	46.	28.			3046614
			28	45.	29.			
			29	44.	25.			
			30	43.	52.			3046615
			31	41.	37.			
			32	40.	33.			
			33	39.	30.			3046616
			34	38.	20.			
			35	37.	23.			
			36	36.	09.			3046706
			37	34.	40.			
			38	33.	32.			
			39	32.	30.			3046707
			40	31.	37.			

continued on next page - #35

76L298 307 Cdb 1-62

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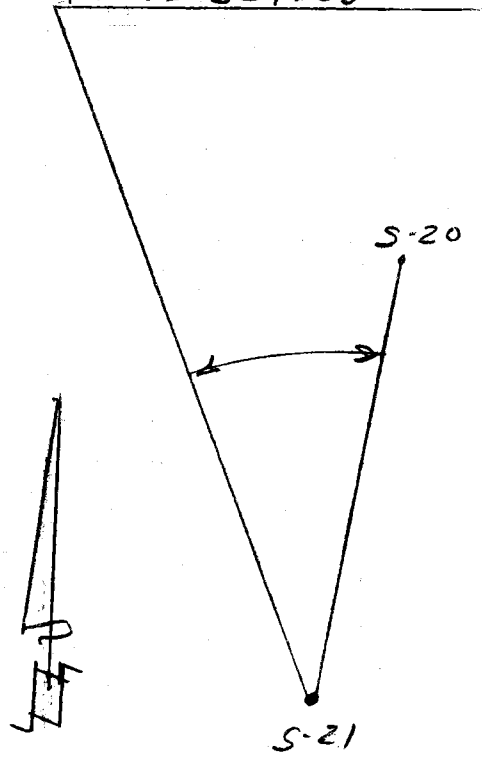
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
S-21	S-20		41	31.	00.			
			42	30.	30.			3046708
			43	30.	15.			
			44	29.	47.			
			45	29.	28.			3046709
			46	28.	30.			
			47	27.	39.			
			48	26.	40.			3046710
			49	25.	38.			
			50	24.	24.			
			51	23.	21.			3046711
			52	22.	20.			
			53	20.	55.			
			54	19.	30.			3046712
			55	18.	28.			
			56	17.	30.			
			57	16.	15.			3046713
		8:53	58	14.	44.			
				00.	00.			
				00.	00.			3046714

RANGE 304+65



Profile

No. Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 2808 Pg. 35

X-Sec. Date Date Survey of BEACH EROSION STUDIES

No. Notes Chkd. Checked Survey by Rod Notes BARFN Date 1-10-62

Date Date Map No. Indexed H. E. OTT Date

F. B. 2808 PG. 36 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Do not extend notes this side of this line.

76L298 307 Cdb 1-62

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726 Los Angeles County Engineering Bldg.

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

76L-299 S & E #307—1-56

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	S. S.	H. I.	F. S.	ELEV.		
		17 43				INSHORE 306+65
	11 04	27 15	137	16 11		
S-19	4 56	26 12	559	21 56	S-19 EL= 21.56	
					CONTROL LINE	
306+65						
			49	21 2		10 FT. RT. T. BANK
			110	151		29 FT RT. B. BANK
			135	126		40 FT RT. BRIK
T.P.	0 86	12 38	1660	952	T.P.	60 FT. RIGHT
T.P.	0 45	4 95	588	450		90 FT RIGHT
					GUN AT S-19 SIGHT ON S 20	
			43	07	1 57 21	
			60	-10	2 58 23	
			71	-21	3 61 25	
			93	-43	4 67 22	
			129	-79	5 70 10	
			162	-112	6 71 23	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 03300.02 Division No. 11 F. B. 28608 Pg. 37
X-Sec. No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Notes ____ Date ____
Map No. ____ Date ____ Indexed H. E. OTT Date ____

F. B. 2808 Pg. 38 | 0300.02

Job No. Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Blank

76L-299 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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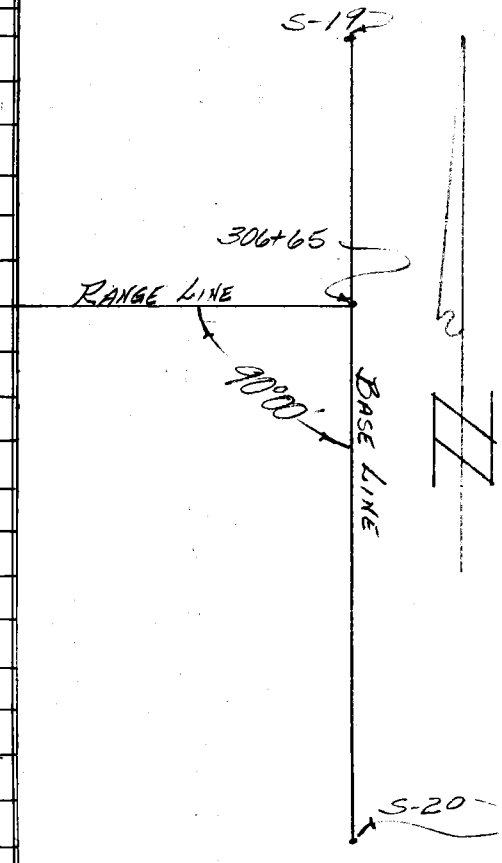
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
306+65	S-20	9:16	1	90°	00'			
			2	"	"			
			3	"	"			
			4	"	"			
			5	"	"			
			6	"	"			
			7	"	"			
			8	"	"			
			9	"	"			
			10	"	"			
			11	"	"			
			12	"	"			
			13	"	"			
			14	"	"			
			15	"	"			
			16	"	"			
			17	"	"			
			18	"	"			
THIS SHOT MISSED BY			19	"	"			
CUT	GUN.		20	"	"			



Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 03 [illegible] Division No. 11 F. B. 2808 Pg. 39

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

Survey by [illegible] Notes [illegible] Date ____

Map No. ____ Date ____ Indexed H. E. OTT

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
306+65	S-20		21	90°	00'			
			22	"	"			
			23	"	"			
			24	"	"			
			25	"	"			
			26	"	"			
			27	"	"			
			28	"	"			
			29	"	"			
			30	"	"			
			31	"	"			
			32	"	"			
			33	"	"			
			34	"	"			
			35	"	"			
			36	"	"			
			37	"	"			
			38	"	"			
			39	"	"			
			40	"	"			

F. B. 2808 Pg. 40

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Job No. 03000 Division No. 11

Survey of BEACH EROSION STUDIES

Survey by BAY Notes VALDEZ

Indexed H. E. OTT Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
306+65	S-20		61	90°	00			
			62	"	"			
			63	"	"			
			64	"	"			
			65	"	"			
			66	"	"			
			67	"	"			
			68	"	"			
			69	"	"			
			70	"	"			
			71	"	"			
			72	"	"			
			73	"	"			
			74	"	"			
			75	"	"			
		9:27	76	"	"			

SKETCH PG. 39

Profile Notes Red. Plotted Job No. 2302.0 Division No. 11 F. B. 2802 Pg. 4

No. Date Date Survey of BENCH ELEVATION STUDIES

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

No. Date Date Map No. Indexed H. E. OTT Date

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
306+65	S-20		41	90°	00			
			42	"	"			
			43	"	"			
			44	"	"			
			45	"	"			
			46	"	"			
			47	"	"			
			48	"	"			
			49	"	"			
			50	"	"			
			51	"	"			
			52	"	"			
			53	"	"			
			54	"	"			
			55	"	"			
			56	"	"			
			57	"	"			
			58	"	"			
			59	"	"			
			60	"	"			

F. B. 2808 Pg. 42 Job No. 28000 Division No. 11 Notes Red. Plotted Profile

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

Survey by BAY Notes VALDEZ Notes Chkd. Checked

Indexed H. E. OTT Date Date Date No.

76L298 307 Cdb 1-62

PLEASE RETURN TO
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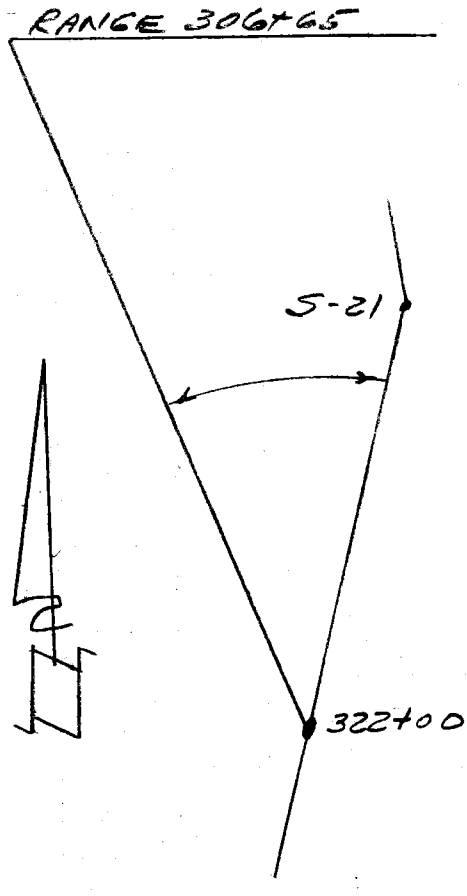
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Range Min.	Line	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch						
322+00	S-21	9:16	1	66.	45.				
			2	66.	23.				
			3	65.	56.				3066606
			4	65.	25.				
			5	64.	35.				
			6	64.	07.				3066607
			7	63.	36.				
			8	62.	58.				
			9	62.	20.				3066608
			10	61.	44.				
			11	61.	08.				
			12	60.	23.				3066609
			13	59.	47.				
			14	58.	36.				
			15	57.	50.				3066610
			16	57.	18.				
			17	56.	39.				
			18	56.	09.				3066611
			19	55.	14.				
			20	54.	50.				



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 03300.02 Division No. 11 F. B. 2808 Pg. 43
X-Sec. No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 1-10-62
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

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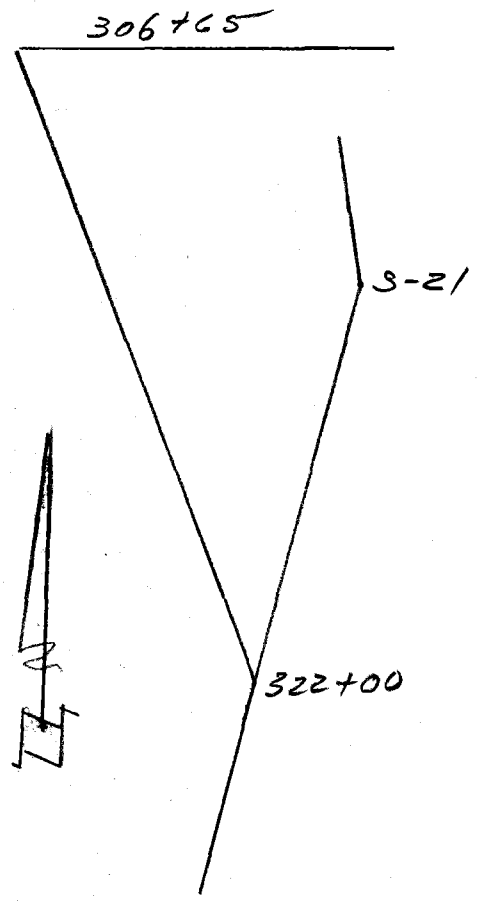
Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
322+00	S-21		21	54.	20.			3066612
			22	53.	33.			
			23	52.	32.			
			24	51.	43.			3066613
			25	50.	48.			
			26	50.	23.			
			27	49.	38.			3066614
			28	49.	00.			
			29	48.	00.			
			30	47.	33.			3066615
			31	46.	55.			
			32	46.	15.			
			33	45.	45.			3066616
			34	45.	13.			
			35	44.	20.			
			36	43.	00.			3066706
			37	42.	30.			
			38	41.	39.			
			39	41.	00.			3066707
			40	40.	13.			

continued on next page - #45



F. B. 2808 Pg. 44 Job No 0300.07 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

Survey by BAY Notes BAZEN Notes Chkd. Checked X-Sec.

Indexed H. E. OTT Date Date Date No.

76L298 307 Cdb 1-62

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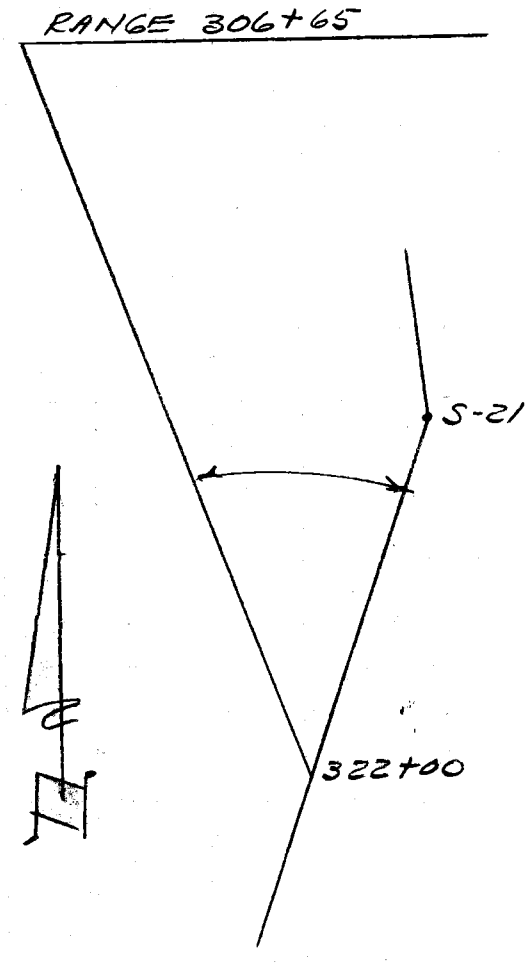
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
322+00	S-21		41	39.	26.			
			42	38.	50.			3066708
			43	38.	25.			
			44	37.	50.			
			45	37.	23.			3066709
			46	36.	43.			
			47	36.	16.			
			48	35.	51.			3066710
			49	35.	20.			
			50	34.	50.			
			51	34.	24.			3066711
			52	33.	55.			
			53	33.	22.			
			54	32.	14.			3066712
			55	31.	23.			
			56	30.	35.			
			57	29.	45.			3066713
			58	28.	30.			
			59	28.	04.			
			60	27.	33.			3066714



Profile Notes Red. Plotted Job No. 300.02 Division No. 11 F. B. 2808 Pg. 45

No. Date Date Survey of BEACH EROSION STUDIES

X-Sec. Notes Chkd. Checked Survey by Notes Date 1-10-62

No. Date Date Map No. Indexed H. E. OTT Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
322+00	S-21		61	27.	06.			
			62	26.	16.			
			63	25.	24.			3066715
			64	24.	30.			
			65	23.	37.			
			66	23.	04.			3066716
			67	22.	08.			
			68	21.	34.			
			69	20.	57.			3066806
			70	20.	05.			
			71	19.	14.			
			72	18.	17.			3066807
			73	17.	30.			
			74	16.	38.			
		9:27	75	15.	31.			3066808
				00.	00.			
				00.	00.			
				00.	00.			3066809

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Job No. 0300.02 Division No. 11

Survey of BEACH EROSION STUDIES

Survey by BAY Notes BAZEH

Indexed H. E. OTT Date ____

F.B. 2808 PG. 46

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		26 12				308 +65
308 + 65	5 00	23 94	7 18	19 94		INSHORE
					SOUTHERN	LINE
			11 0	12 9		17° Rt.
			14 5	9 4	MIDDLE OF BEACH	57° Rt.
			19 3	4 6		96° Rt.
TP	0 22	4 87	19 24	4 65	TP. [illegible]	96° Rt.
					GUN AT S-19 SHOT ON S-20	
			42	0 8	23° 08	
			56	-0 7	30 07	
			70	-2 1	36 22	
			95	-4 6	42 38	
			124	-7 5	48 18	
			168	-11 9	53 02	

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 0300.02 Division No. 4 Survey of BEACH EROSION STUDIES
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by LOUD & DREIER Notes " Date 1-9-62
Map No. ____ Date ____ Indexed H. E. OTT Date ____

F. B. 2808 Pg. 47

F. B. 2808 Pg. 48 | Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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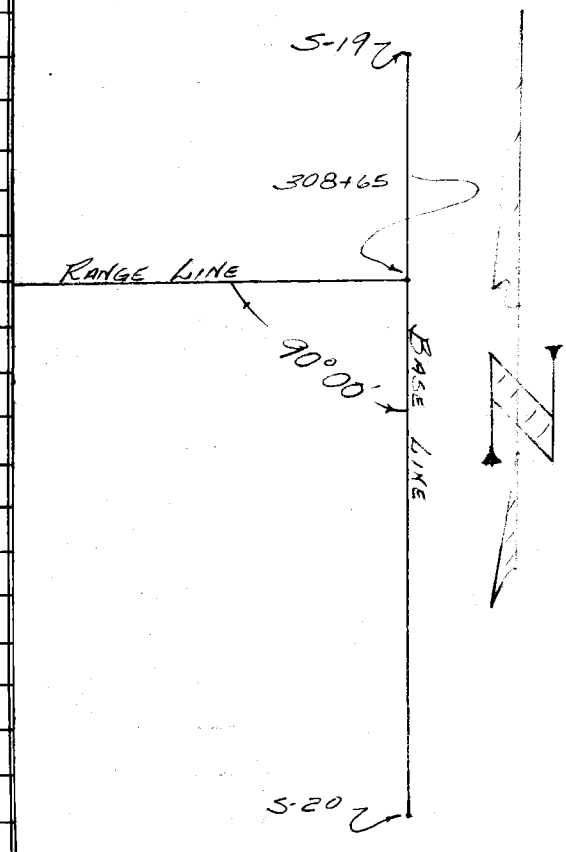
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
308+65	S-20	9:57	1.	90°	00'			
			2.	"	"			
			3	"	"			
			4	"	"			
			5	"	"			
			6	"	"			
			7	"	"			
			8	"	"			
			9	"	"			
			10	"	"			
			11	"	"			
			12	"	"			
			13	"	"			
			14	"	"			
			15	"	"			
			16	"	"			
			17	"	"			
			18	"	"			
			19	"	"			
			20	"	"			



Profile Notes Red. Plotted Job No. 030002 Division No. 11 F. B. 2006 Pg. 17

No. Date Date Survey of BEACH EROSION STUDIES

X-Sec. Notes Chkd. Checked Survey by Bill Notes Calculated Date 1-10-62

No. Date Date Map No. Index H. E. OTT Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
30B+65	S-20		21	90°	00'			
			22	"	"			
			23	"	"			
			24	"	"			
			25	"	"			
			26	"	"			
			27	"	"			
			28	"	"			
			29	"	"			
			30	"	"			
			31	"	"			
			32	"	"			
			33	"	"			
			34	"	"			
			35	"	"			
			36	"	"			
			37	"	"			
			38	"	"			
			39	"	"			
			40	"	"			

F. B. 2808 Pg. 50 | Job No 03000.02 | Division No 11

Survey of BEACH EROSION STUDIES

Survey by BGY Notes VAL DEZ

Indexed H. E. OTT Date

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
308465	S-20		41	90°	00'			
			42	"	"			
			43	"	"			
			44	"	"			
			45	"	"			
			46	"	"			
			47	"	"			
			48	"	"			
		10:04	49	"	"			

SKETCH PG. 49

Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2808 Pg. 51

No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES

X-Sec. Notes Chkd. ____ Checked ____ Survey by PAY Notes KUDRA Date 1-10-62

No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2808 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. ____

76L298 307 Cdb 1-62

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LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Blank

76L298 307 Cdb 1-62

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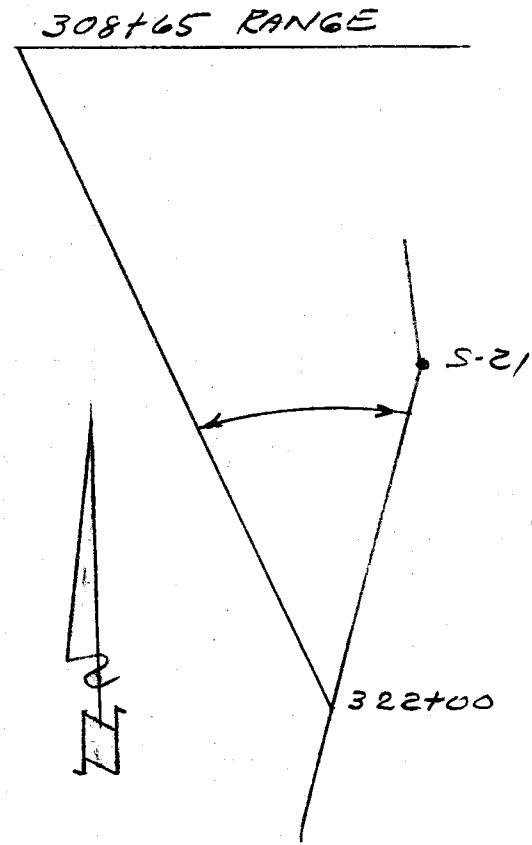
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
322+00	S-21	9:56	1	69.	18.			
			2	68.	35.			
			3	67.	43.			3036606
			4	66.	05.			
			5	64.	22.			
			6	62.	48.			3036607
			7	61.	50.			
			8	60.	43.			
			9	59.	09.			3036608
			10	57.	33.			
			11	55.	58.			
			12	54.	21.			3036609
			13	52.	18.			
			14	49.	56.			
			15	48.	45.			3036610
			16	47.	58.			
			17	47.	08.			
		—	18	44.	50.			3036611
			19	43.	49.			
			20	41.	36.			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2808 Pg. 53
X-Sec. No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
Notes Chkd. ____ Checked ____ Survey by BM Notes DRILLING Date 1-10-62
Date ____ Date ____ Map No. ____ Index H. E. OTT Date ____

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
322+00	S-21		21	40.	40.			3086612
			22	39.	44.			
		—	23	38.	30.			
			24	37.	29.			3086613
			25	36.	16.			
			26	35.	15.			
			27	34.	20.			3086614
			28	33.	20.			
			29	32.	20.			
			30	31.	34.			3086615
			31	31.	09.			
			32	30.	20.			
			33	29.	55.			3086616
			34	29.	18.			
			35	28.	47.			
			36	28.	30.			3086706
			37	27.	54.			
			38	27.	09.			
			39	26.	13.			3086707
			40	25.	19.			

F. B. 2808 Pg. 54
Survey of BEACH EROSION STUDIES
Survey by Bay
Indexed H. E. OTT
Job No. 0300-02 Division No. 11
Notes BAZEN
Date
Notes Red
Date
Notes Chkd.
Date
Plotted
Date
Checked
Date
Profile No.
X-Sec. No.

#33

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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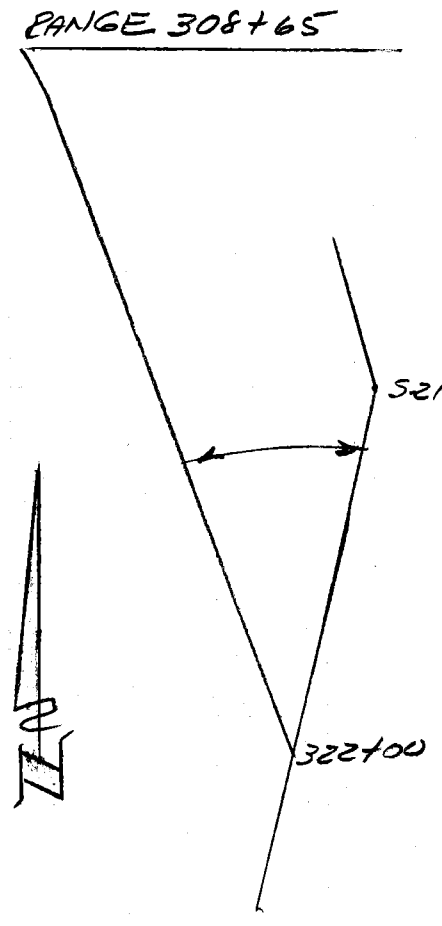
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
322+00	S-21		41	24.	28.			
			42	23.	35.			3086708
			43	22.	39.			
			44	21.	20.			
			45	20.	46.			3086709
			46	20.	04.			
			47	18.	46.			
			48	17.	50.			3086710
			49	16.	44.			
		10:04	50	16.	00.			
			51	00.	00.			3086711
			52	00.	00.			
			53	00.	00.			
			54	00.	00.			3086712
			55			90.	00.	
			56			00.	00.	
			57			00.	00.	3086713
			58			00.	00.	
			59			00.	00.	
			60			00.	00.	3086714



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

Notes Red. Plotted
Date Date
Checked
Date

Job No. 0300.02 Division No. 11
Survey of BEACH EROSION STUDIES
Survey by Notes BURKE Date 1-10-62
Map No. Indexed H. E. OTT Date

F. B. 2808 Pg. 55

F. B. 2808 PG. 56 | 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. ____

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Do not extend notes this side of this line.

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

761298 307 Cdb 1-62

Blank

76L-298 S & E #307—1-56

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	S. S.	H. I.	F. S.	ELEV.			
		23 94'					310 + 65 00
310 + 65	203	23 14	533	1911			INSHORE
						CONTINUE	LOS
			41	140'			10° CH. [illegible]
			94	137'			20° CH. BRK
			137	94'			50° MODE BEACH
			189	42'			72°
TP.	533	4 57	1890	4 24	T.P. for [illegible]		110°
					Job at 5-19		SIGHT ON 5-20
			39	[illegible]	D	12° 32'	
			65	-[illegible]	2	17 13	
			73	-27'	3	23 10	
			103	-57'	4	28 28	
			152	-106'	5	35 00	

Profile Notes Red. Plotted Job No. Division No. 11
No. X-Sec. Date Date Survey of LIND & DRESSER BEACH EROSION STUDIES
No. Date Notes Chkd. Checked Survey by Notes " Date 1-9-62
Date Map No. Index H. E. OTT Date

F. B. 2808 PG. 57

F. B. 2808 Pg. 58

Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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

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

76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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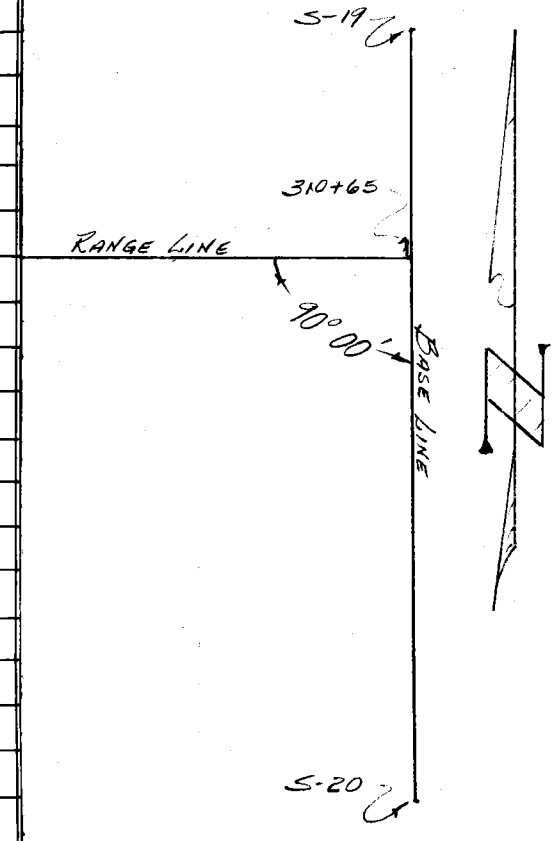
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
310+65	S-20	10:17	1	90°	00'			
			2	"	"			
			3	"	"			
			4	"	"			
			5	"	"			
			6	"	"			
			7	"	"			
			8	"	"			
			9	"	"			
			10	"	"			
			11	"	"			
			12	"	"			
			13	"	"			
			14	"	"			
			15	"	"			
			16	"	"			
			17	"	"			
			18	"	"			
			19	"	"			
			20	"	"			



Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 03002 Division No. 11 F. B. 3808 Pg. 59

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of BERCH EROSION STUDIES Survey by ____ Notes VALDEZ Date 1-10-62

Date ____ Date ____ Map No. ____ Indexed H. F. OTT Date ____

76L298 307 Cdb 1-62

PLEASE RETURN TO

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
310+65	S-20		21	90°	00'			
			22	"	"			
			23	"	"			
			24	"	"			
			25	"	"			
			26	"	"			
			27	"	"			
			28	"	"			
			29	"	"			
			30	"	"			
			31	"	"			
			32	"	"			
			33	"	"			
			34	"	"			
			35	"	"			
			36	"	"			
			37	"	"			
			38	"	"			
			39	"	"			
			40	"	"			

F. B. 2808 PG. 60 | Job No. 23000 Division No. 11 | Notes Red. | Plotted | Profile

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

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

Indexed H. E. OTT | Date | Date | Date | No.

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
310+65	S-20		41	90°	00			
			42	"	"			
			43	"	"			
			44	"	"			
			45	"	"			
			46	"	"			
			47	"	"			
			48	"	"			
			49	"	"			
			50	"	"			
			51	"	"			
			52	"	"			
			53	"	"			
			54	"	"			
			55	"	"			
			56	"	"			
			57	"	"			
			58	"	"			
			59	"	"			
			60	"	"			

SKETCH PG. 59

Profile Notes Red. ____ Plotted ____ Job No. 030002 Division No. 11 F. B. 28038 Pg. 61

No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES

X-Sec. Notes Chkd. ____ Checked ____ Survey by BSV Notes HOUSED Date 1-10-62

No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

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

Do not extend notes this side of this line.

Inst. At (Don't Punch)	Sight On (Don't Punch)	Time (Don't Punch)	Angle No. (Don't Punch)	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
310+65	S-20		61	90°	00'			
			62	"	"			
			63	"	"			
			64	"	"			
			65	"	"			
			66	"	"			
			67	"	"			
			68	"	"			
			69	"	"			
			70	"	"			
			71	"	"			
			72	"	"			
			73	"	"			
			74	"	"			
			75	"	"			
		10:28	76	"	"			

F. B. 2808 Pg. 62 Job No. 03002 Division No. 11 Notes Red. Plotted. Profile No.

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

Survey by BAY Notes VALDEZ Notes Chkd. Checked

Indexed H. E. OTT Date. Date. Date. No.

76L298 307 Cdb 1-62

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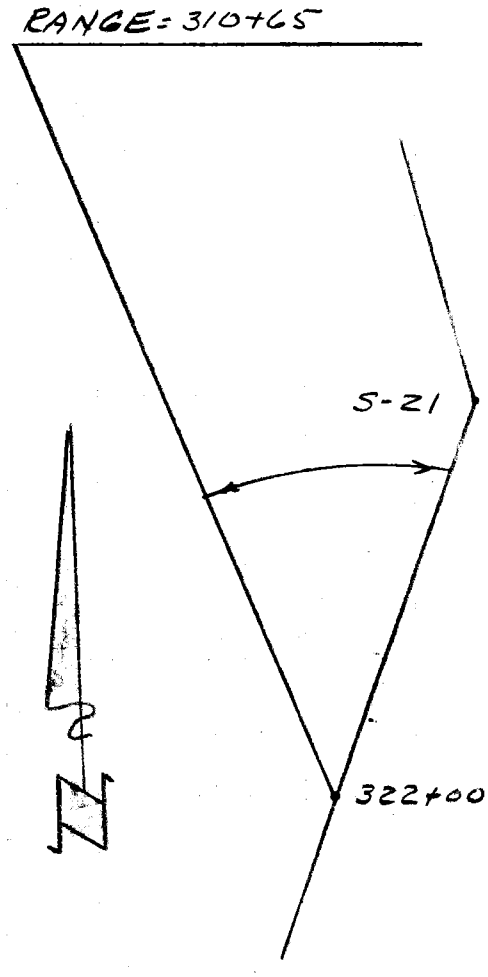
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
322+00	S-21	10:18	1	73.	48.			
			2	73.	20.			
			3	72.	49.			3106606
			4	72.	26.			
			5	71.	54.			
			6	71.	30.			3106607
			7	70.	54.			
			8	70.	20.			
			9	69.	06.			3106608
			10	68.	17.			
			11	67.	35.			
			12	66.	33.			3106609
			13	65.	44.			
			14	64.	50.			
			15	64.	38.			3106610
			16	64.	06.			
			17	63.	43.			
			18	62.	55.			3106611
			19	62.	19.			
			20	61.	32.			



Profile No. ____ Date ____ Date ____
Notes Red. ____ Date ____ Date ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____
Plotted ____ Date ____ Date ____
Job No. 0300.02 Division No. 11 Map No. ____ Index ____ Date ____
Survey of BEACH EROSION STUDIES
Survey by BAY Notes SAFER Date 1-10-62
F. B. 3806 Pg. 63

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
322+00	S-21		21	60.	32.			3106612
			22	59.	40.			
			23	58.	50.			
			24	57.	50.			3106613
			25	57.	00.			
			26	56.	02.			
			27	55.	14.			3106614
			28	54.	43.			
			29	54.	00.			
			30	53.	13.			3106615
			31	52.	00.			
			32	50.	48.			
			33	49.	16.			3106616
			34	48.	28.			
			35	47.	16.			
			36	46.	15.			3106706
			37	45.	00.			
			38	44.	00.			
			39	43.	13.			3106707
			40	42.	05.			
				Go to next card - page 65				

F. B. 2808 Pg. 64 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile
Survey of BEACH EROSION STUDIES Date Date No.
Survey by BAY Notes BAZEN Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

76L298 307 Cdb 1-62

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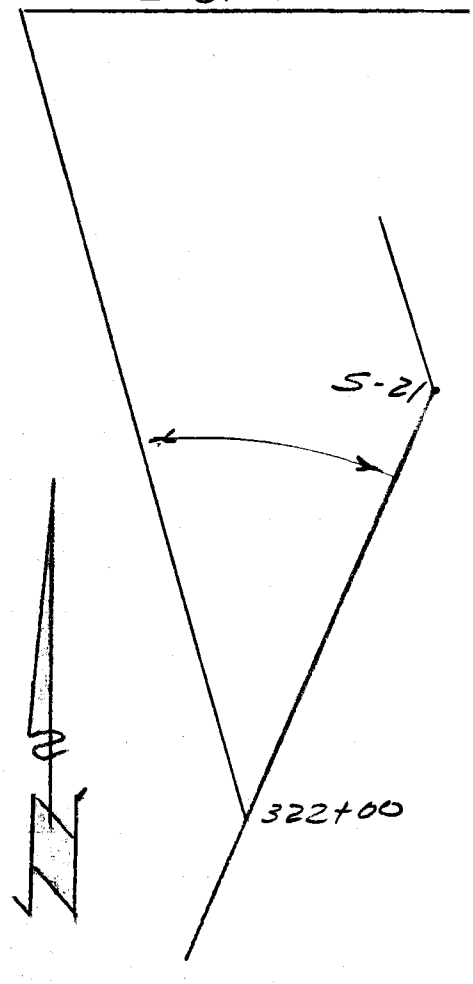
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
322+00	S-21		41	41.	13.			
			42	40.	30.			3106708
			43	39.	30.			
			44	38.	47.			
			45	37.	47.			3106709
			46	37.	00.			
			47	35.	50.			
			48	35.	08.			3106710
			49	34.	13.			
			50	33.	30.			
			51	32.	50.			3106711
			52	32.	22.			
			53	31.	55.			
			54	31.	28.			3106712
			55	31.	03.			
			56	30.	32.			
			57	30.	14.			3106713
			58	29.	48.			
			59	29.	22.			
			60	29.	08.			3106714

RANGE 310+65



Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job Nº 0300.02 Division No. 11 F. B. 2508 Pg. 65
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ Survey of BEACH EROSION STUDIES
Survey by BAY Notes BAZEN Date 1-10-62
Map No. ____ Date ____ Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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F. B. 2808 Pg. 66 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile
Survey of BEACH EROSION STUDIES Date Date No.
Survey by BAY Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Notes BAZEN Date Date Date No.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
322+00	S-21		61	26.	25.			
			62	27.	34.			
			63	26.	30.			3106715
			64	25.	44.			
			65	24.	57.			
			66	24.	00.			3106716
			67	23.	17.			
			68	22.	28.			
			69	21.	36.			3106806
			70	20.	35.			
			71	19.	43.			
			72	18.	45.			3106807
			73	17.	58.			
			74	17.	10.			
			75	16.	32.			3106808
		10:28	76	15.	48.			
				00.	00.			
				00.	00.			3106809
				00.	00.			
				00.	00.			
				00.	00.			3106810

76L-298 S & E #307—1-56

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		23 14				INSHORE
S-20	4 78	22 13	574	17 40	S-20 EL= 17.40	312+65
			93	129		16° Rt. Toe Slope
			144	78	MIDDLE BEACH	40° Rt.
			1900	32		76° Rt.
T.P.	[illegible]	[illegible]	1900	313	T.P. FOR SWIM PARTY	76° Rt.
					SWIM AT STA. 312+45	SWIM OF S-20
			33	02	D 23° 00'	
			58	-18	2 32 23	
			74	[illegible]	3 39 14	
			109	-69	4 45 09	
			154	[illegible]	5 53 20	

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 28608 Pg. 67
No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND & DREYER Notes ____ Date 1-9-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. F. OTT Date ____

F. B. 2808 Pg. 68 | Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Blank

Do not extend notes this side of this line.

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

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

76L-296 S & E #307—1-56

76L298 307 Cdb 1-62

PLEASE RETURN TO

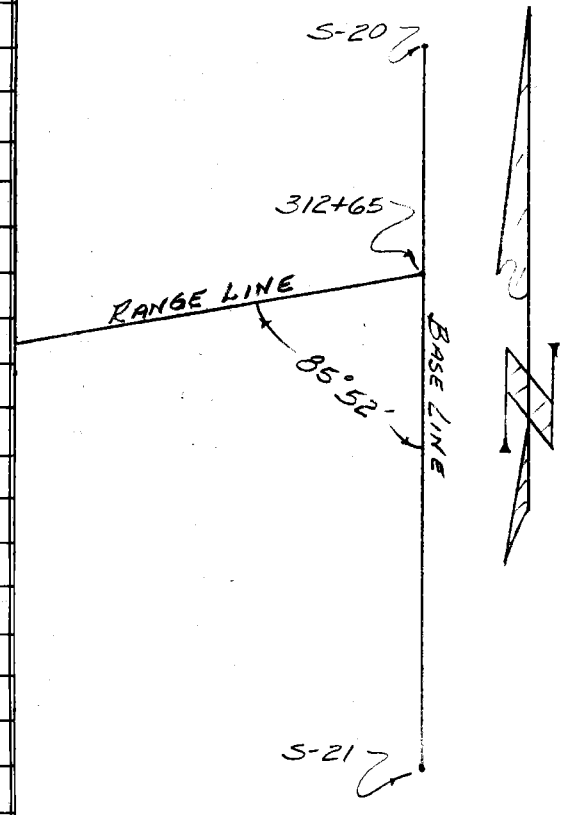
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
312+65	S-21	10:40	1.	85°	52'			
			2.	"	"			
			3.	"	"			
			4.	"	"			
			5	"	"			
			6	"	"			
			7	"	"			
			8	"	"			
			9	"	"			
			10	"	"			
			11	"	"			
			12	"	"			
			13	"	"			
			14	"	"			
			15	"	"			
			16	"	"			
			17	"	"			
			18	"	"			
			19	"	"			
			20	"	"			



Profile No. X-Sec. No.

Notes Red. Date Notes Chkd. Date

Plotted Date Checked Date

Job No. 03002 Division No. 11 Survey of BEACH EROSION STUDIES

Survey by BAY Notes VALDEZ Date 1-10-62

Map No. Indexed H. E. OTT Date

F. B. 2808 Pg. 69

76L298 307 Cdb 1-62

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
312+65	S-21		21	85°	52'			
			22	"	"			
			23	"	"			
			24	"	"			
			25	"	"			
			26	"	"			
			27	"	"			
			28	"	"			
			29	"	"			
			30	"	"			
			31	"	"			
			32	"	"			
			33	"	"			
			34	"	"			
			35	"	"			
			36	"	"			
			37	"	"			
			38	"	"			
			39	"	"			
			40	"	"			

F. B. 2808 Pg. 70 | Job No. 03000 | Division No. 11

Survey of BEACH EROSION STUDIES

Survey by BAY Notes HALDEL

Indexed H. E. OTT Date

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
312+65	S-21		41	85°	52			
			42	"	"			
			43	"	"			
			44	"	"			
			45	"	"			
			46	"	"			
			47	"	"			
			48	"	"			
			49	"	"			
			50	"	"			
			51	"	"			
			52	"	"			
			53	"	"			
			54	"	"			
			55	"	"			
			56	"	"			
			57	"	"			
			58	"	"			
			59	"	"			
			60	"	"			

SKETCH PG. 69

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 03000 Division No. 11 F. B. 2808 Pg. 71

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

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by BAY Notes WILDER Date 1-10-62

Map No. ____ Date ____ Indexed H. E. OTT Date ____

F. B. 2808 PG. 72 | Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

Survey by BAY Notes VALDEZ Notes Chkd. Checked X-Sec.

Indexed H. E. OTT Date Date Date No.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No. Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
32765	S-21		61	85°	52'			
			62	"	"			
			63	"	"			
			64	"	"			
			65	"	"			
			66	"	"			
		10:49	67	"	"			

Do not extend notes this side of this line.

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L298 307 Cdb 1-62

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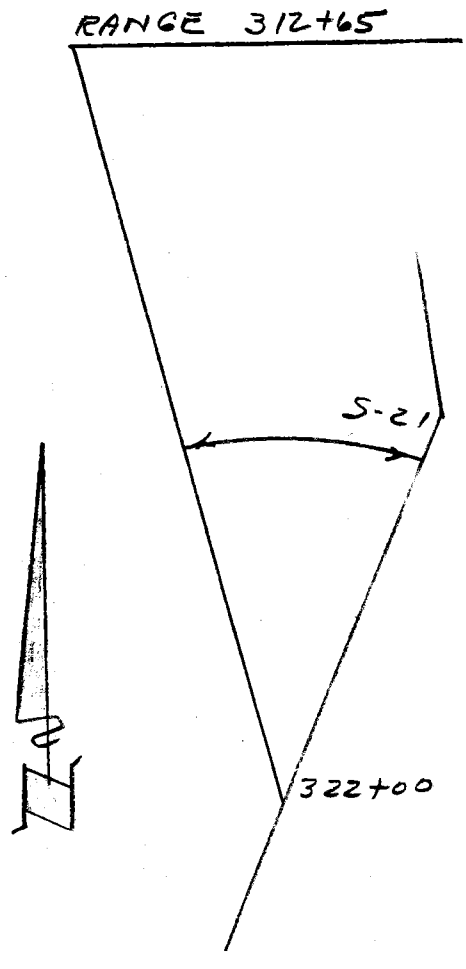
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
322+00	S-21	10:40	1	78.	40.			
			2	77.	00.			
			3	76.	05.			3126605
			4	75.	28.			
			5	74.	24.			
			6	73.	29.			3126606
			7	72.	30.			
			8	71.	15.			
			9	69.	46.			3126607
			10	68.	40.			
			11	67.	22.			
			12	66.	17.			3126608
			13	65.	04.			
			14	64.	14.			
			15	63.	47.			3126609
			16	63.	05.			
			17	62.	23.			
			18	61.	08.			3126610
			19	60.	32.			
			20	59.	50.			

over



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 2808 Pg. 73
No. Date Date Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. Checked Survey by BOY Notes BAZEN Date 1-10-62
No. Date Date Map No. Indexed H. E. OH Date

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
322+00	S-21		21	59.	16.			3126611
			22	58.	28.			
			23	57.	50.			
			24	56.	58.			3126612
			25	56.	30.			
			26	55.	48.			
			27	55.	04.			3126613
			28	54.	21.			
			29	53.	20.			
			30	52.	21.			3126614
			31	51.	28.			
			32	50.	00.			
			33	49.	29.			3126615
			34	48.	30.			
			35	47.	32.			
			36	46.	25.			3126705
			37	45.	10.			
			38	44.	16.			
			39	43.	47.			3126706
			40	42.	47.			

over - continued on page 75

F. B. 2808 Pg. 74 Profile No. X-Sec. No.
Job No. 8300.05 Division No. 11 Plotted Date Checked Date
Survey of BEACH EROSION STUDIES Notes Red. Date Notes Chkd. Date
Survey by BAY Notes BAZEN
Indexed H. E. OTT Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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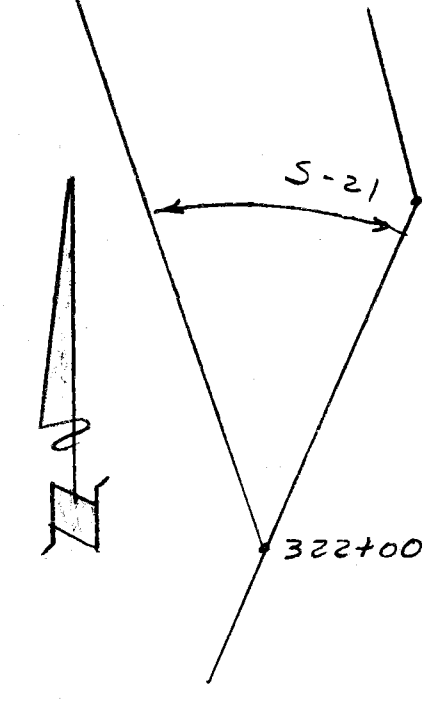
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
322+00	S-21		41	41.	57.			
			42	40.	57.			3126707
			43	39.	10.			
			44	38.	58.			
			45	38.	13.			3126708
			46	37.	17.			
			47	36.	45.			
			48	36.	02.			3126709
			49	35.	28.			
			50	34.	46.			
			51	34.	03.			3126710
			52	33.	10.			
			53	32.	19.			
			54	31.	41.			3126711
			55	30.	23.			
			56	29.	18.			
			57	28.	18.			3126712
			58	27.	15.			
			59	26.	05.			
			60	24.	49.			3126713

RANGE = 312+65



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2608 Pg. 75
No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. ____ Checked ____ Survey by BAY Notes BREEN Date 1-10-62
No. ____ Date ____ Date ____ Map No. ____ Index H. E. OTT Date ____

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
			61	23.	33.			
			62	22.	13.			
			63	21.	00.			3126714
			64	19.	32.			
			65	18.	20.			
			66	16.	36.			3126805
		10:50	67	15.	29.			
				00.	00.			
				00.	00.			3126806
				00.	00.			
				00.	00.			
				00.	00.			3126807
						85.	52.	
						00.	00.	
						00.	00.	3126808
						00.	00.	
						00.	00.	
						00.	00.	3126809

F. B. 2808 Pg. 76 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile No.
Survey of BEACH EROSION STUDIES Date Date X-Sec. No.
Survey by BAY Notes BAZEN Notes Chkd. Checked
Indexed H. E. OTT Date Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
		22 18					INSHORE
	503	2233	488	1730			314+66
					CONTROL		LINE
314+65			54	169	T. BANK		10° RT.
			97	126	B. BANK		22° RT
			141	82	MIDDLE BEACH		40° RT.
			182	41			70° RT
T.P. –	105	5 16	1820	413	T.P. FOR SWING		PARTY 70° RT.
					GUN AT	S-20	SIGHT ON S-21
			46		1	22°	17'
			69		2	28	02
					3	36	50
			87		4	40	49
			112		5	47	00
			136		6	51	50
			180		7	55	44

Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2802 PG. 77

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

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

Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2808 Pg. 78 | 0300.02

Job No. Division No. 11 Notes Red Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Blank

Do not extend notes this side of this line.

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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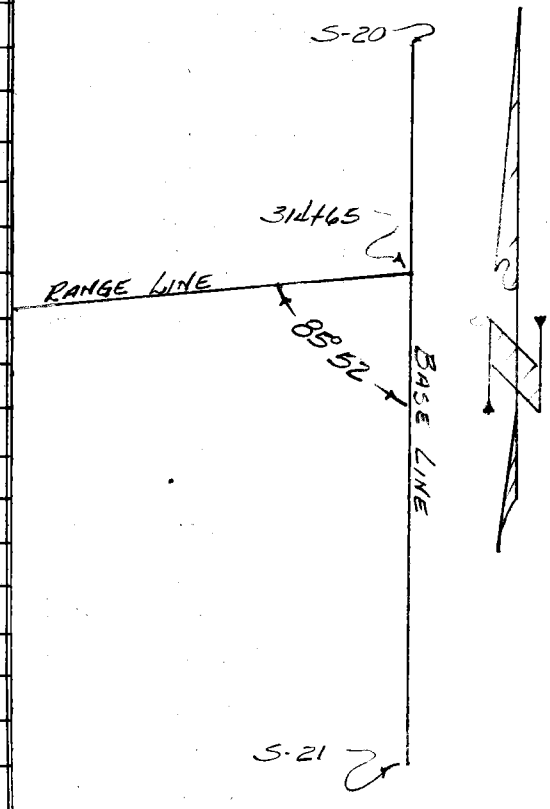
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
314465	S-21	11:14	1	85°	52′			
			2	"	"			
			3	"	"			
			4	"	"			
			5	"	"			
			6	"	"			
			7	"	"			
			8	"	"			
			9	"	"			
			10	"	"			
			11	"	"			
			12	"	"			
			13	"	"			
			14	"	"			
			15	"	"			
			16	"	"			
			17	"	"			
			18	"	"			
			19	"	"			
			20	"	"			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 23002 Division No. 11 F. B. 2808 Pg. 79

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Date ____ Checked ____ Date ____ Survey of BEACH EROSION STUDIES Survey by BAY Notes VALDEZ Date 1-10-62 Map No. ____ Index H. E. OTT Date ____

76L298 307 Cdb 1-62

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F. B. 2808 Pg. 80 Job No. 03007 Division No. 11

Survey of BEACH EROSION STUDIES

Survey by BAY Notes VALDEZ

Indexed H. E. OTT Date

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Inst. At	Sight On	Time	Angle No.	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
314465	S-21		21	85°	52'			
			22	"	"			
			23	"	"			
			24	"	"			
			25	"	"			
			26	"	"			
			27	"	"			
			28	"	"			
			29	"	"			
			30	"	"			
			31	"	"			
			32	"	"			
			33	"	"			
			34	"	"			
			35	"	"			
			36	"	"			
			37	"	"			
			38	"	"			
			39	"	"			
			40	"	"			

76L298 307 Cdb 1-62

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
314465	S-21		41	85°	52'			
			42	"	"			
			43	"	"			
			44	"	"			
			45	"	"			
			46	"	"			
			47	"	"			
			48	"	"			
			49	"	"			
			50	"	"			
			51	"	"			
			52	"	"			
			53	"	"			
			54	"	"			
			55	"	"			
			56	"	"			
			57	"	"			
			58	"	"			
			59	"	"			
			60	"	"			

SKETCH PG. 79

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 03000 Division No. 11 F. B. 2808 Pg. 81
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of BEACH EROSION STUDIES
Survey by BAY Notes VALDEZ Date 1-10-62
Map No. ____ Date ____ Index H. E. OTT Date ____

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
314+65	S-21		61	85°	52'			
			62	"	"			
			63	"	"			
			64	"	"			
			65	"	"			
			66	"	"			
			67	"	"			
			68	"	"			
			69	"	"			
			70	"	"			
			71	"	"			
			72	"	"			
			73	"	"			
			74	"	"			
			75	"	"			
			76	"	"			
			77	"	"			
			78	"	"			
		11:26	79	"	"			

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. 11 Job No. 08000 Notes ____ Date ____

Survey of BEACH EROSION STUDIES

Survey by BAY Notes VALDEZ

Indexed H. E. OTT

F. B. 2808 Pg. 82

76L298 307 Cdb 1-62

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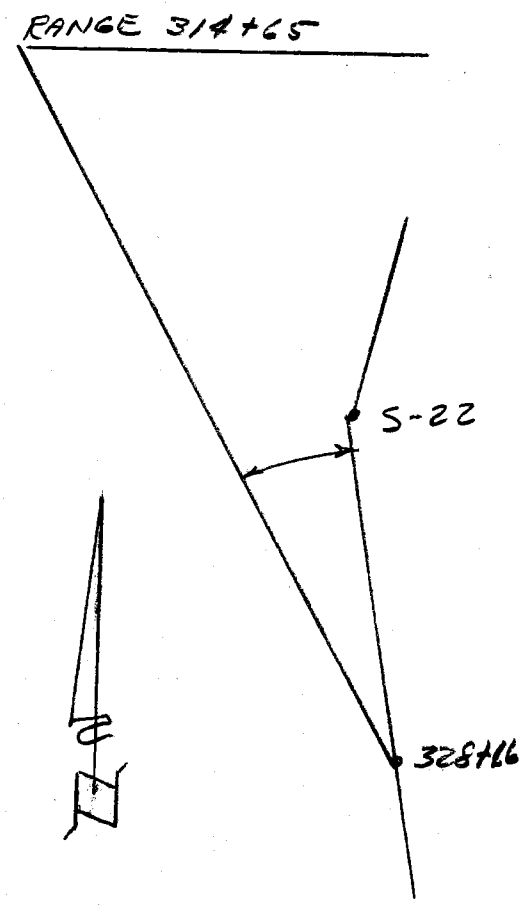
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
328+16	S-22	11:14	1	64.	08.			
			2	64.	00.			
			3	63.	54.			3146606
			4	63.	32.			
			5	63.	14.			
			6	63.	05.			3146607
			7	62.	55.			
			8	62.	40.			
			9	62.	20.			3146608
			10	61.	54.			
			11	61.	31.			
			12	61.	06.			3146609
			13	60.	31.			
			14	60.	00.			
			15	59.	38.			3146610
			16	59.	00.			
			17	58.	22			
			18	57.	46.			3146611
			19	57.	16.			
			20					

Put on same card with shot #35 - 22 [illegible]



Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 28008 Pg. 83
No. ____ Date ____ Date ____ Survey of B BEACH EROSION STUDIES
X-Sec. Notes Chkd. ____ Checked ____ Survey by BAY Notes BAZEN Date 1-10-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2808 PG. 84 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

Survey by BAY Notes BAZEN Notes Chkd. Checked X-Sec.

Indexed H. E. OTT Date Date Date No.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No. Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
328+16	S-22		21					
			22					
			23					
			24					
			25	Lost Radio Contact				
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34	← Put shot #19 with these				
			35	45.	05.			
			36	44.	30.			3146612
			37	43.	23.			
			38	43.	00.			
			39	42.	11.			3146613
			40	41.	29.			

next page #85

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761298 307 Cdb 1-62

76L298 307 Cdb 1-62

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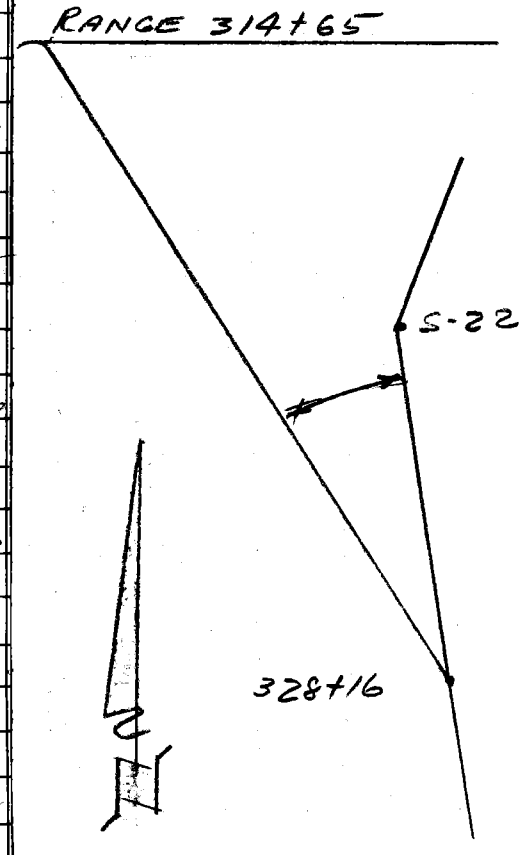
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
328+16	S-22		41	40.	20.			
			42	39.	28.			3146614
			43	38.	50.			
			44	37.	27.			
			45	37.	23.			3146615
			46	36.	23.			
			47	35.	48.			
			48	35.	06.			3146616
			49	34.	32.			
			50	33.	30.			
			51	32.	28.			3146706
			52	31.	30.			
			53	30.	37.			
			54	29.	32.			3146707
			55	28.	24.			
			56	27.	25.			
			57	26.	26.			3146708
			58	25.	28.			
			59	24.	02.			
			60	22.	46.			3146709

over



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F.B. 0800 Pg. 85
No. Date Date Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. Checked Survey by BAY Notes BAZEN Date 1-10-62
No. Date Date Map No. Index H. E. OTT Date

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
328+16	5-22		61	21.	51.			
			62	20.	43.			
			63	19.	30.			3146710
			64	18.	00.			
			65	17.	21.			
			66	16.	20.			3146711
			67	15.	34.			
			68	15.	00.			
			69	14.	04.			3146712
			70	12.	33.			
			71	11.	45.			
			72	11.	00.			3146713
			73	10.	13.			
			74	09.	20.			
			75	08.	10.			3146714
			76	06.	55.			
			77	05.	41.			
			78	04.	44.			3146715
		11:26	79	03.	33.			
				00.	00.			
				00.	00.			3146716

F. B. 2808 Pg. 86 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile
Survey of BEACH EROSION STUDIES Date Date No.
Survey by BAY Notes BAZEN Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
		22 33					INSHORE
	4 99	22 30	4 92	17 41			315 + 10
315 + 10						CONTROL	LINE
			71	152			20 RT. BOK
			122	101			40 RT. TOE
			177	46			76° RT.
TP	0 66	5 26	170	4 20	TP	RE SWIN PARTY	GUN SET RT.
			43	1 0	(8)	18° 12'	ON S-20 SIGHT [illegible]
			48	0 5	7	22 16	(3+01.57)
			60	- 0 7	6	26 30	
			66	- 1 3	5	29 13	
			71	- 1 8	4	32 13	
			77	- 2 4	1	33 58	
			54	- 3 1	2	36 35	
			93	- 4 0	3	39 15	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300 62 Division No. 11 F. B. 2802 Pg. 87
X-Sec. No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
Notes Chkd. ____ Date ____ Checked ____ Date ____ Map No. ____ Indexed ____ Date ____ Survey by ____ Notes ____ Date ____
H. E. OTT

F. B. 2808 Pg. 88 | 0300.02

Job No. Division No. 11 Notes Red Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Blank

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		22.30				INSHORE
	4.84	22.43	4.71	17.59		315+40
					CONTROL	LINE
315+40			72	15.2	BRK	28° RT.
			115	10.9	TOE	40° RT.
			198	2.6		96° RT.
T.P.	1.95	25.2	1.93	2.63	T.P. FOR SWIM PARTY	96° RT.
					CLINOM S-20	HT ON S-21
			45	[illegible]	19° 50'	
			[illegible]	-1.4	23 45	
			65	-3.9	29 05	
			79	[illegible]	32 47	
			99	-5.[illegible]	36 47	
			125	-7.[illegible]	41 45	
			154	-10.8	45° 17'	

Profile Notes Red. ____ Plotted ____ Job No. 03-0-02 Division No. 11
No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Index H. E. OTT Date ____

F. B. 2808 Pg. 89

F. B. 2808 Pg. 90 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Blank

Do not extend notes this side of this line.

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 Cdb 1-62

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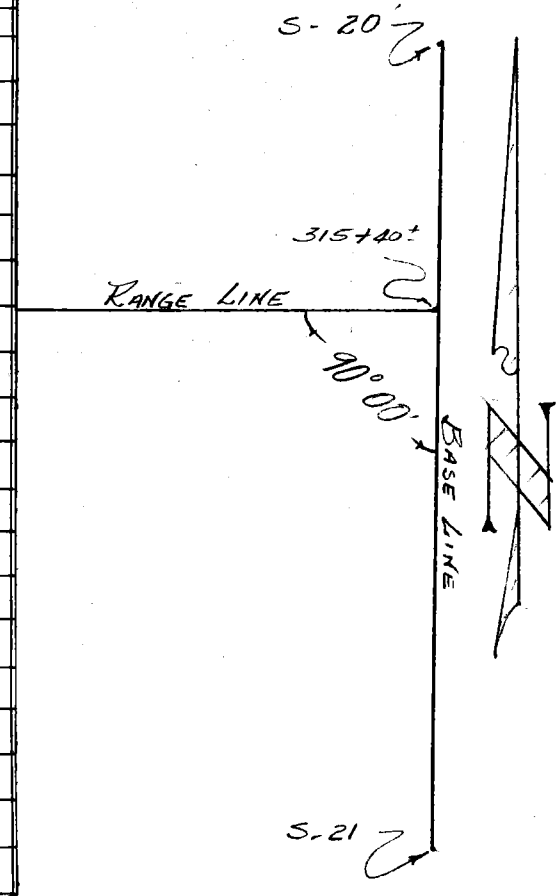
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
315+40±	S-21	11:51	1.	90°	00'			
			2	"	"			
			3	"	"			
			4	"	"			
			5	"	"			
			6	"	"			
			7	"	"			
			8	"	"			
			9	"	"			
			10	"	"			
			11	"	"			
			12	"	"			
			13	"	"			
			14	"	"			
			15	"	"			
			16	"	"			
			17	"	"			
			18	"	"			
			19	"	"			
			20	"	"			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 03000 Division No. 11 F. B. 2608 Pg. 91
X-Sec. No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by BAY Notes VALDEZ Date 1-10-62
Map No. ____ Date ____ Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

PLEASE RETURN TO

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No.	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
315+40	S-21		21	90°	00'			
			22	"	"			
			23	"	"			
			24	"	"			
			25	"	"			
			26	"	"			
			27	"	"			
			28	"	"			
			29	"	"			
			30	"	"			
			31	"	"			
			32	"	"			
			33	"	"			
			34	"	"			
			35	"	"			
			36	"	"			
			37	"	"			
			38	"	"			
			39	"	"			
			40	"	"			

F. B. 2808 Pg. 92 Profile

Survey of BEACH EROSION STUDIES Job No. 03002 Division No. 11 Notes Red. Plotted No. X-Sec.

Survey by BAY Notes Chkd. Date Checked Date

Indexed H. E. OTT Notes Date Date

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
315+40	S-21		41	90°	00'				
			42	"	"				
			43	"	"				
			44	"	"				
			45	"	"				
			46	"	"				
			47	"	"				
			48	"	"				
			49	"	"				
			50	"	"				
			51	"	"				
			52	"	"				
			53	"	"				
			54	"	"				
			55	"	"				
			56	"	"				
			57	"	"				
			58	"	"				
			59	"	"				
			60	"	"				

SKETCH PG. 91

Profile Notes Red. Plotted Job No. 63000.07 Division No. 11 F. B. 2808 Pg. 93

No. Date Date Survey of BEACH EROSION STUDIES

X-Sec. Notes Chkd. Checked Survey by BAY Notes KALDES Date 1-10-62

No. Date Date Map No. Indexed H. E. OTT Date

76L298 307 Cdb 1-62

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F. B. 2808 Pg. 94 Job No. 030002 Division No. 11 Notes Red. Plotted. Profile No.

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

Survey by BOY Notes H. E. OTT Notes Chkd. Checked.

Indexed. Date. Date. Date.

Inst. At	Sight On	Time	Angle No.	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
315+40	S-21		61	90°	00'			
			62	"	"			
			63	"	"			
			64	"	"			
			65	"	"			
			66	"	"			
			67	"	"			
			68	"	"			
			69	"	"			
			70	"	"			
			71	"	"			
			72	"	"			
			73	"	"			
			74	"	"			
			75	"	"			
			76	"	"			
			77	"	"			
			78	"	"			
			79	"	"			
			80	"	"			

76L298 307 Cdb 1-62

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
315+40	S-21		81	90°	00'			
			82	"	"			
			83	"	"			
			84	"	"			
			85	"	"			
			86	"	"			
			87	"	"			
		12:10	88	"	"			

STATION PG. 91

Profile Notes Red. Plotted Job No. 030002 Division No. 11 F. B. 3208 Pg. 95

No. Date Date Survey of BEACH EROSION STUDIES

X-Sec. Notes Chkd. Checked Survey by BAY Notes LALOPEZ Date 1-10-62

No. Date Date Map No. Indexed H. E. OTT Date

F. B. 2808 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. _____

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Do not extend notes this side of this line.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.

Blank

76L298 307 Cdb 1-62

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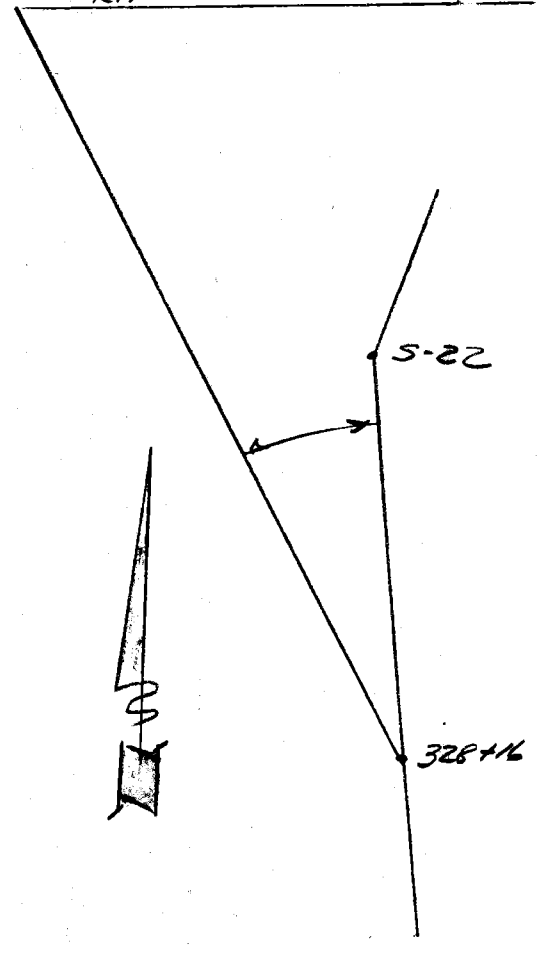
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
328+16	S-22	11:57	1	60.	09.			
			2	58.	50.			
			3	58.	34.			3154106
			4	58.	10.			
			5	57.	55.			
			6	57.	46.			3154107
			7	57.	20.			
			8	56.	38.			
			9	56.	13.			3154108
			10	55.	57.			
			11	55.	23.			
			12	55.	04.			3154109
			13	54.	52.			
			14	54.	30.			
			15	54.	13.			3154110
			16	53.	51.			
			17	53.	33.			
			18	53.	10.			3154111
			19	52.	58.			
			20	52.	50.			

RANGE = 315+40



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 2808 Pg. 97
No. Date Date Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. Checked Survey by BAY Notes BAY Date 1-10-62
No. Date Date Map No. Indexed H. E. OTT Date Date

Sheet

76L298 307 Cdb 1-62

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
328416	S-22		21	52.	36.			3154112
			22	52.	14.			
			23	51.	25.			
			24	51.	04.			3154113
			25	50.	41.			
			26	50.	18.			
			27	49.	49.			3154114
			28	49.	27.			
			29	48.	57.			
			30	48.	43.			3154115
			31	48.	14.			
			32	47.	50.			
			33	47.	10.			3154116
			34	46.	42.			
			35	46.	00.			
			36	45.	43.			3154206
			37	45.	09.			
			38	44.	38.			
			39	44.	11.			3154207
			40	43.	34.			
				next page - #99				

F. B. 2808 Pg. 98 | Job No. 0300.02 Division No. 11 | Notes Red. | Plotted | Profile
Survey of BEACH EROSION STUDIES | Date | Date | No.
Survey by BAY | Notes | Notes Chkd. | Checked | X-Sec.
Indexed H. E. OTT | Date | Date | Date | No.

76L298 307 Cdb 1-62

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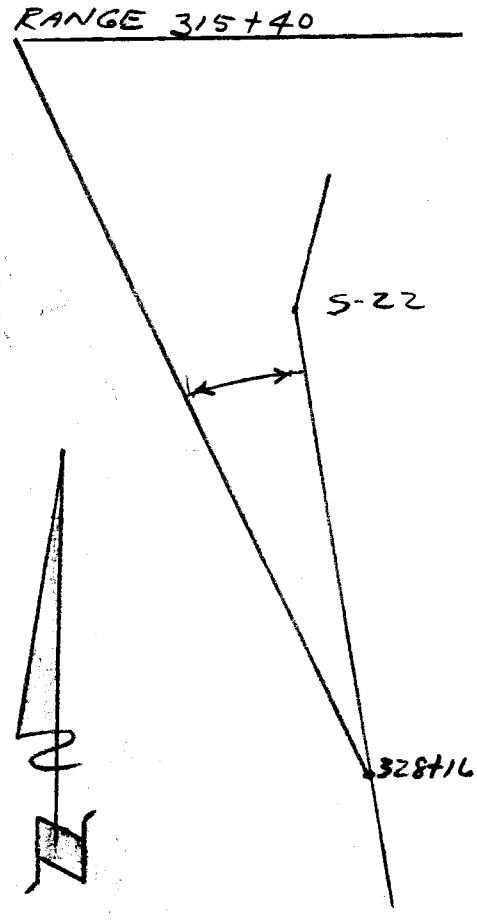
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
328+16	S-22		41	42.	55.			
			42	42.	12.			3154208
			43	41.	31.			
			44	40.	50.			
			45	40.	03.			3154209
			46	39.	27.			
			47	38.	48.			
			48	38.	08.			3154210
			49	37.	30.			
			50	36.	45.			
			51	36.	04.			3154211
			52	35.	35.			
			53	34.	44.			
			54	34.	17.			3154212
			55	33.	43.			
			56	32.	58.			
			57	32.	03.			3154213
			58	31.	16.			
			59	30.	34.			
			60	29.	30.			3154214

over



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 03 00.0 Division No. 11 F. B. 2808 Pg. 99

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of BEACH EROSION STUDIES Survey by ____ Map No. ____ Notes BRZEN Date 1-10-62 Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
326416	S-22		61	28.	50.			
			62	28.	10.			
			63	27.	21.			3154215
			64	26.	28.			
			65	25.	22.			
			66	23.	48.			3154216
			67	22.	47.			
			68	21.	40.			
			69	20.	43.			3154306
			70	19.	47.			
			71	19.	10.			
			72	18.	57.			3154307
			73	18.	35.			
			74	18.	12.			
			75	17.	43.			3154308
			76	17.	00.			
			77	16.	00.			
			78	15.	05.			3154309
			79	14.	17.			
			80	13.	32.			
				next page #101				

F. B. 2808 Pg. 100 Job No. 0300.0 Division No. 11 Notes Red. Plotted Profile

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

Survey by H.L. OTT Notes BAZEN Notes Chkd. Checked

Indexed Date Date No.

76L298 307 Cdb 1-62

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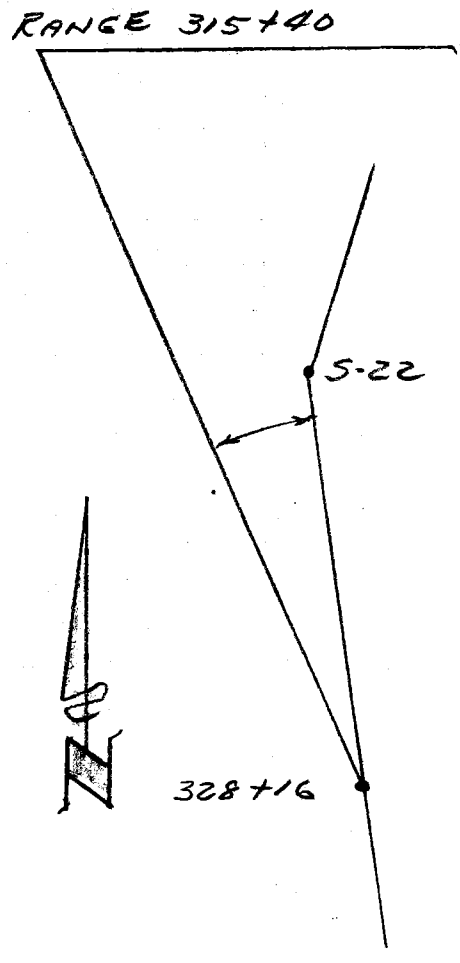
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY RANGE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
328+16	S-22		81	12.	20.			3154310
			82	11.	12.			
			83	10.	10.			
			84	08.	45.			3154311
			85	07.	32.			
			86	06.	10.			
			87	05.	08.			3154312
		12:10	88	03.	35.			
				00.	00.			
				00.	00.			3154313
				00.	00.			
				00.	00.			
				00.	00.			3154314
						90.	00.	
						00.	00.	
						00.	00.	3154315
						00.	00.	
						00.	00.	
						00.	00.	3154316



Profile No.____ Notes Red.____ Plotted____ Job No. 03000.07 Division No. 11 F. B. 128808 Pg. 101
X-Sec. No.____ Date____ Date____ Survey of BEACH EROSION STUDIES
Notes Chkd.____ Checked____ Survey by BAY Notes BAER Date 1-10-62
Date____ Date____ Map No.____ Indexed H. E. OTT Date____

F. B. 2808 PG. 102 | Job No. 0300.02 Division No. " Notes Red. _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		22 43				INSHORE
317+00	[illegible]	23 18	4.17	18.26		317+00
					CONTROL	LINE
			43	13.7	700 [illegible]	120 RT
			97	13.5	700	200 RT
			144	9.8	[illegible] BEACH	300 RT
			190	4.2		300 RT
TP	0.67	4.85	1.00	4.18	TP FOR SWIN PARTY	300 RT
					SUN AT [illegible]	[illegible] 21
			[illegible]	[illegible]	(1) 22° 43'	
			52	-2.4	2 27 52	
			72	-2.4	3 38 51	
			91	-4.3	4 44 44	
			125	-7.7	5 50 46	
			142	-9.4	6 54° 46'	

Profile Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 0300 02 Division No. 11 F. B. 28008 Pg. 103
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of BEACH EROSION STUDIES Survey by ____ Map No. ____ Notes ____ Date ____ Indexed H. E. OTT Date ____

F. B. 2808 Pg. 104 | Job No. 0300.02 | Division No. 11 | Notes Red | Plotted | Profile

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

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

Indexed | Date | Date | Date | No.

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

Blank

Do not extend notes this side of this line.

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L.299 S & E #307—1.56

76L298 307 Cdb 1-62

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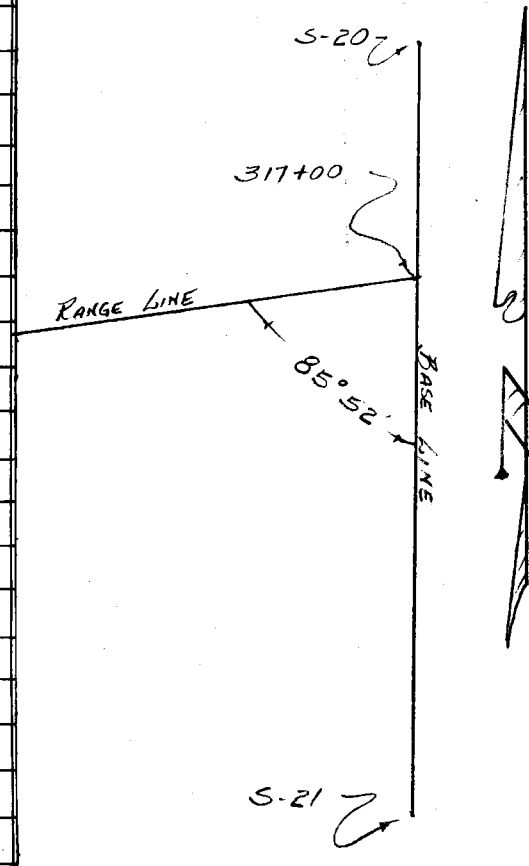
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
317+00	S-21	9:17	1	85°	52'			
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile Notes Red. ____ Plotted ____ Job No. 03.20.02 Division No. 11 F. B. 2808 Pg. 145
No. ____ Date ____ Date ____ Survey of Beach Erosion Studies
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 1-11-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2808 PG. 106 | Job No. 6300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Studies Date 1-11-62 Date _____ No. _____

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

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

76L298 307 Cdb 1-62

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

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
317+60	S-21		21	85°	52'			
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
			35					
			36					
			37					
			38					
			39					
			40					

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
31+00	S-21		41	85°	52'			
			42					
			43					
			44					
			45					
			46					
			47					
			48					
			49					
			50					
			51					
			52					
			53					
			54					
			55					
		7:26						

See Sketch on page 105

Profile Notes Red. ____ Plotted ____ Job No. 23002 Division No. 11 F. B. 2800 Pg. 101
No. ____ Date ____ Date ____ Survey of Beach Erosion Studies
X-Sec. Notes Chkd. ____ Checked ____ Survey by Ray ____ Notes Marshall Date 1-11-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2808 PG. 108 | Job No. 0300.02 | Division No. 11 | Notes Red. | Plotted | Profile

Survey of Beach Erosion Studies | Date 1-11-62 | Date | No.

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

Indexed H. E. Ott | Date | Date | Date | No.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Do not extend notes this side of this line.

76L298 307 Cdb 1-62

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726 Los Angeles County Engineering Bldg.

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

Blank

76L298 307 Cdb 1-62

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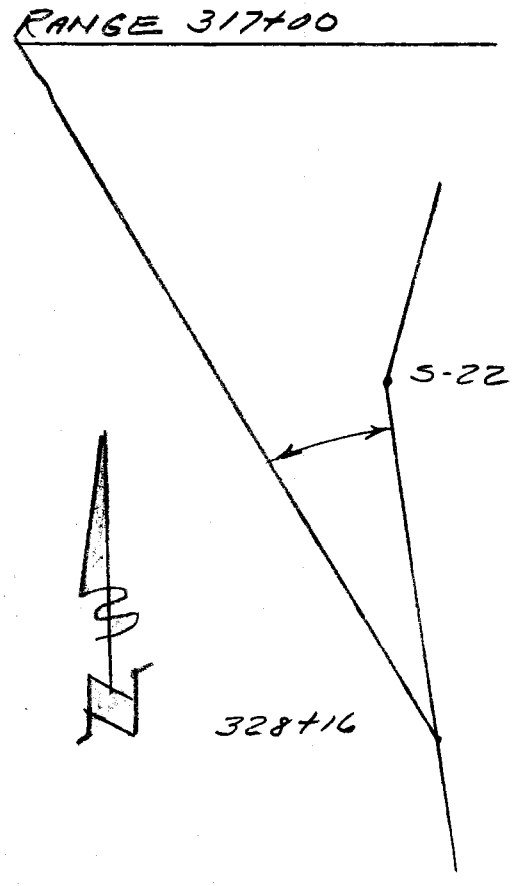
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
328+16	S-22	7:17	1	50.	13.			
			2	48.	45.			
			3	47.	48.			3170106
			4	46.	40.			
			5	45.	45.			
			6	44.	50.			3170107
			7	43.	45.			
			8	42.	52.			
			9	42.	33.			3170108
			10	42.	11.			
			11	41.	34.			
			12	41.	04.			3170109
			13	40.	50.			
			14	40.	22.			
			15	40.	00.			3170110
			16	39.	16.			
			17	38.	15.			
			18	37.	14.			3170111
			19	36.	00.			
			20	35.	00.			



over

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 030002 Division No. 11 F. B. 2806 Pg. 104

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

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by JAY Notes BAZEN Date 1-11-62

Map No. ____ Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
328+16	S-22		21	34.	00.			3170112
			22	33.	07.			
			23	32.	24.			
			24	31.	32.			3170113
			25	30.	42.			
			26	30.	00.			
			27	29.	10.			3170114
			28	28.	24.			
			29	27.	29.			
			30	27.	00.			3170115
			31	26.	22.			
			32	25.	32.			
			33	24.	29.			3170206
			34	23.	57.			
			35	23.	12.			
			36	22.	30.			3170207
			37	21.	40.			
			38	20.	50.			
			39	19.	35.			3170208
			40	18.	44.			
				next page		#111		

F. B. 2808 Pg. 110 Job No. 0500.02 Division No. 11 Notes Red. Plotted Profile

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

Survey by BAY Notes BAZEN Notes Chkd. Checked

Indexed H. E. OTT Date Date Date No.

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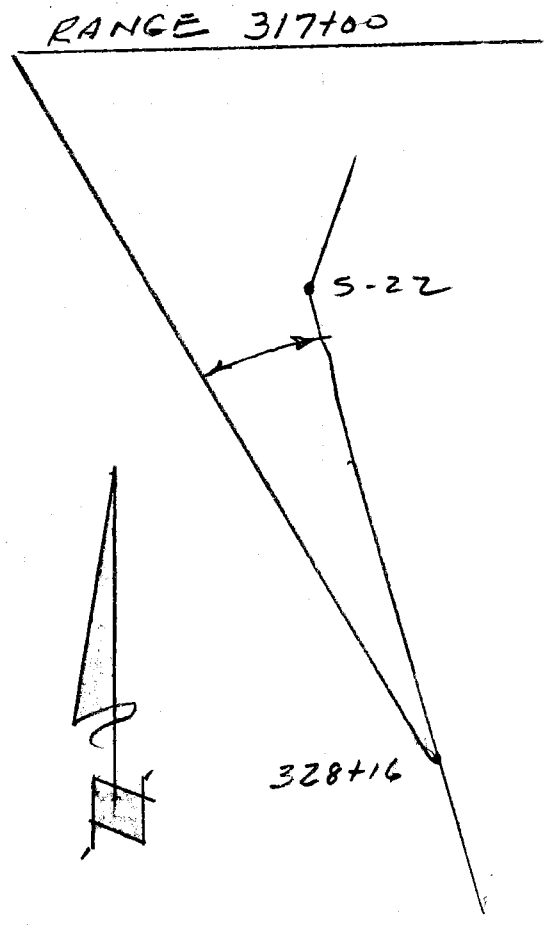
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
328+16	S-22		41	18.	05.			
			42	17.	29.			3170209
			43	16.	34.			
			44	15.	57.			
			45	15.	06.			3170210
			46	14.	14.			
			47	13.	28.			
			48	12.	40.			3170211
			49	11.	36.			
			50	10.	45.			
			51	09.	29.			3170212
			52	08.	44.			
			53	07.	50.			
			54	06.	47.			3170213
		7:26	55	06.	00.			
			56	00.	00.			
			57	00.	00.			3170214
			58	00.	00.			
			59	00.	00.			
			60	00.	00.			3170215



Profile No.____ Notes Red.____ Plotted____ Job No. 2300.02 Division No. 11 F. B. 3808 Pg. 111

X-Sec. No.____ Date____ Notes Chkd.____ Date____ Checked____ Date____ Survey of BEACH EROSION STUDIES Survey by BAY Notes BAZEY Date 1-11-62 Map No.____ Indexed H. E. OTT Date____

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
328416	S-22		61					
			62					
			63					
			64					
			65					
			66					
			67					
			68					
			69					
			70					

F. B. 2808 PG. 112 Job No. 0300.02 Division No. 11 Notes Red. Date Plotted Date Profile No.

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

Survey by H. E. OTT Date

Indexed

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		23 18				INSHORE
21	5 4	24 11	22	18 50	S-21	319+00
	0 15	56			T.P.	
					SET GON AT 322+00	
					1	22° 27'
					2	28 45
					3	36 31
					4	44 32
					5	48 50
					6	54 26
			155	-109	7	60° 53'

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 1-9-62
No. ____ Date ____ Date ____ Map No. ____ Index H. E. OTT Date ____

F. B. 2808 PG. 113

F. B. 2808 Pg. 114 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Blank

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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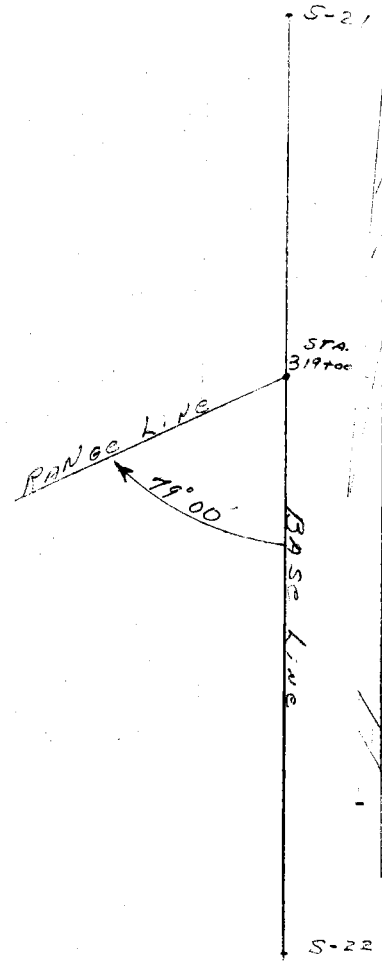
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
319+00	5-22	7:46	1	79°	00'			
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 3320.3 Division No. 11 F. B. 2808 Pg. 115

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

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Notes Patrick Date 11-62

Map No. ____ Date ____ Index H. E. Off. Date ____

F. B. 2808 PG. 116 Job No. 1300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Studies Date 1-11-62 Date _____ No. _____

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

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At (Don't Punch)	Sight On (Don't Punch)	Time (Don't Punch)	Angle No (Don't Punch)	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
319+00	S-22		21	179°	00'			
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
			35					
			36					
			37					
			38					
			39					
			40					

76L298 307 Cdb 1-62

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	79°	00'	DEG.	MIN.	
319+00	S-22		41					
			42					
		7:53						

See page 115 for sketch

Profile Notes Red. ____ Plotted ____ Job No. 3602 Division No. 11 F. B. 28608 Pg. 112

No. ____ Date ____ Date ____ Survey of Beach Erosion Studies

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

No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2808 PG. 118 | Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Studies Date 1-11-62 Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Do not extend notes this side of this line.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 Cdb 1-62

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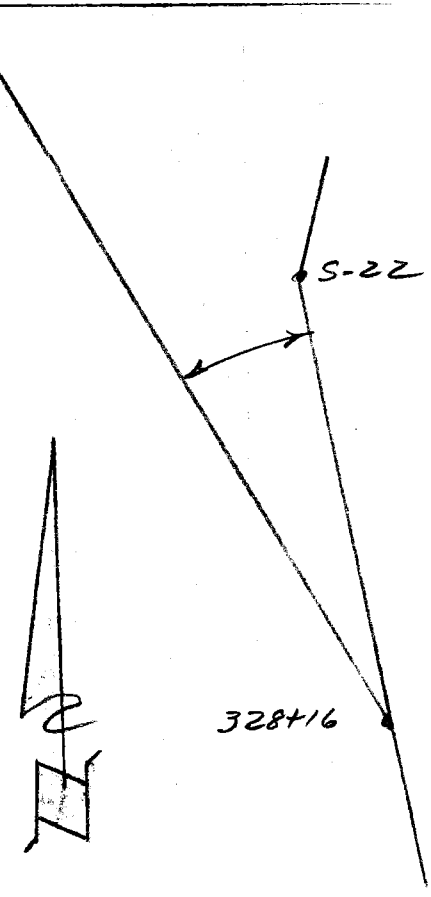
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
328+16	S-22	7:46	1	50.	56.			
			2	49.	41.			
			3	48.	30.			3190105
			4	47.	15.			
			5	46.	20.			
			6	45.	04.			3190106
			7	43.	56.			
			8	42.	39.			
			9	41.	32.			3190107
			10	40.	20.			
			11	38.	50.			
			12	37.	30.			3190108
			13	36.	05.			
			14	35.	10.			
			15	33.	48.			3190109
			16	32.	49.			
			17	32.	22.			
			18	31.	52.			3190110
			19	31.	00.			
			20	30.	26.			

RANGE = 319+00



Profile Notes Red ____ Plotted ____ Job No. 23000.02 Division No. 11 F. B. 2808 Pg. 119

No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES

X-Sec. Notes Chkd. ____ Checked ____ Survey by RAY Notes BAZEN Date 1-11-62

No. ____ Date ____ Date ____ Map No. ____ Indexed H. F. OTT Date ____

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
			21	29.	54.			3190111
			22	28.	32.			
			23	27.	44.			
			24	27.	00.			3190112
			25	26.	13.			
			26	25.	18.			
			27	24.	27.			3190113
			28	23.	40.			
			29	22.	50.			
			30	22.	04.			3190114
			31	21.	15.			
			32	20.	24.			
			33	19.	40.			3190205
			34	18.	49.			
			35	18.	02.			
			36	16.	42.			3190206
			37	15.	57.			
			38	15.	22.			
			39	14.	23.			3190207
			40	13.	49.			
				next page =		121		

F. B. 2808 PG. 120 Profile

Survey of BEACH EROSION STUDIES Job No. 0300.02 Division No. 11 Notes Red. Plotted No.

Survey by BAY Notes BAZEN Date Date X-Sec.

Indexed H. E. OIT Date Notes Chkd. Checked Date No.

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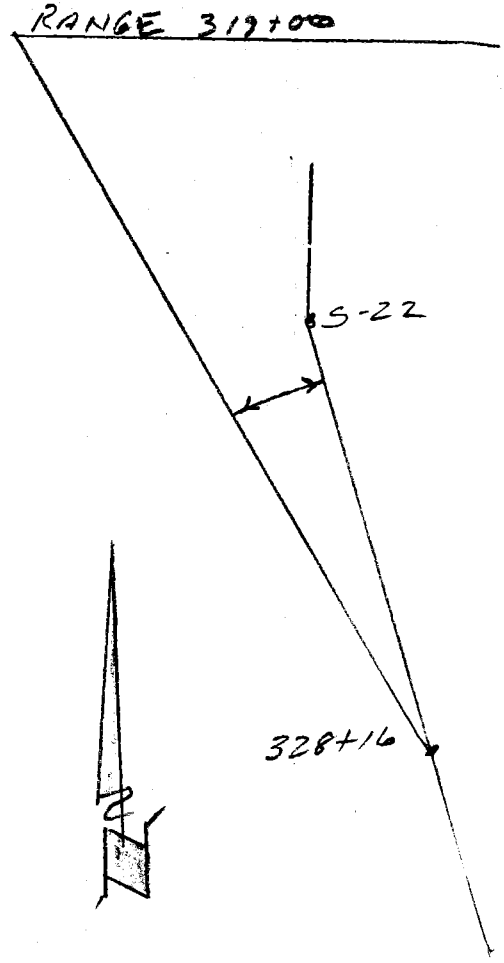
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
328+16	S-22		41	12.	12			
		7:53	42	10.	50.			3190208
			43	00.	00.			
				00.	00.			
				00.	00.			3190209
						79.	00.	
						00.	00.	
						00.	00.	3190210
						00.	00.	
						00.	00.	
						00.	00.	3190211



Profile

X-Sec. No.

Notes Red. Date

Notes Chkd. Date

Plotted Date

Checked Date

Job No. 83000.00

Division No. 11

Survey of BEACH EROSION STUDIES

Survey by BAY

Notes BAZEN Date 1-11-62

Map No.

Indexed E. OTT Date

F. B. 28608 Pg. 121

F. B. 2808 PG. 122 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Blank

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		34 H.				320+50
320+50	5.11	24.14	455	19.63		1H SHORE
					CENTRE	Line
			93	193	Toe Slope	100 [illegible]
			123	113	Toe "	50 [illegible]
			162	86	Middle Slope	60 [illegible]
			16[illegible]	46		90 [illegible]
TP	6.77	5.41	16.10	4.41	Then [illegible] away	90 [illegible]
					[illegible]	[illegible]
			39	[illegible]	33° 28'	
			[illegible]	[illegible]	41 45	
			[illegible]	[illegible]	45 12	
			[illegible]	[illegible]	53 47	
			[illegible]	[illegible]	55 47	
			[illegible]	[illegible]	59 24	
			[illegible]	[illegible]	61° 32'	

Profile Notes Red. ____ Plotted ____ Job No. [illegible] Division No. 11 F. B. 2808 PG. 123
No. ____ Date ____ Date ____ Survey of [illegible] Date ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____
No. ____ Date ____ Date ____ Map No. ____ Index H. E. OTT Date ____

F. B. 2808 Pg. 124 Job No. 8300.03 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Blank

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76L-298 S & E #307—1-56

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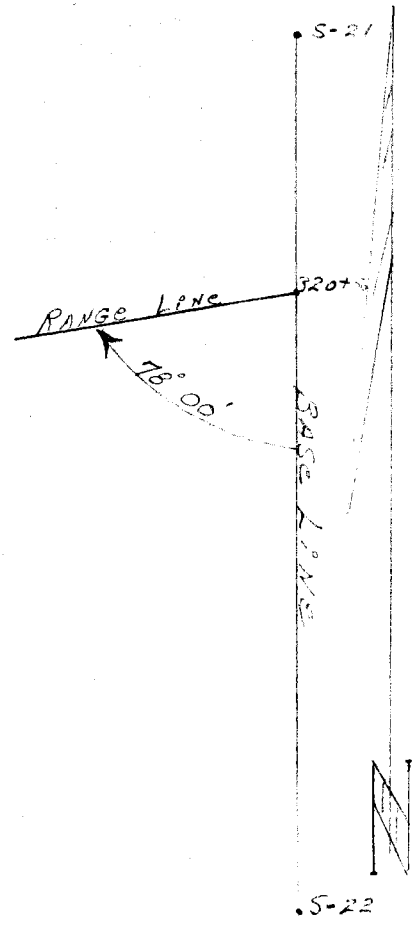
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	78°	00'			
320+50	S-22	8:10	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 23002 Division No. 11 F. B. 2006 Pg. 125

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Beach Erosion Studies Date ____ Survey by B.D. Notes ____ Date ____ Map No. ____ Date ____ Indexed H. E. OIT Date ____

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F. B. 2808 Pg 26 | Job No. 83002 Division No. 11 | Notes Red. Date 1-11-62 | Plotted Date | Profile No.

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

Survey by Bay | Notes Matter Date

Indexed

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	78°	00'			
320+50	S-22		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
			35					
			36					
			37					
			38					
			39					
			40					

76L298 307 Cdb. 1-62

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	78°	00'	DEG.	MIN.	
320+50	S-22		41					
			42					
			43					
			44					
			45					
			46					
		8:17						

See page 125 for sketch

Profile Notes Red. ____ Plotted ____ Job No. 2322.2 Division No. 11 F. B. 2808 Pg. 127

No. ____ Date ____ Date ____ Survey of Beach Erosion Studies

X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes Matrix Date 1-11-62

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

F. B. 2808 PG. 128 | Job No. 300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile No. _____

Survey of Beach Erosion Studies Date 1-11-62 Date _____ X-Sec.

Survey by Bay Notes Mather Notes Chkd. _____ Checked _____

Indexed _____ Date _____ Date _____ Date _____ No. _____

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Do not extend notes this side of this line.

76L298 307 Cdb 1-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Blank

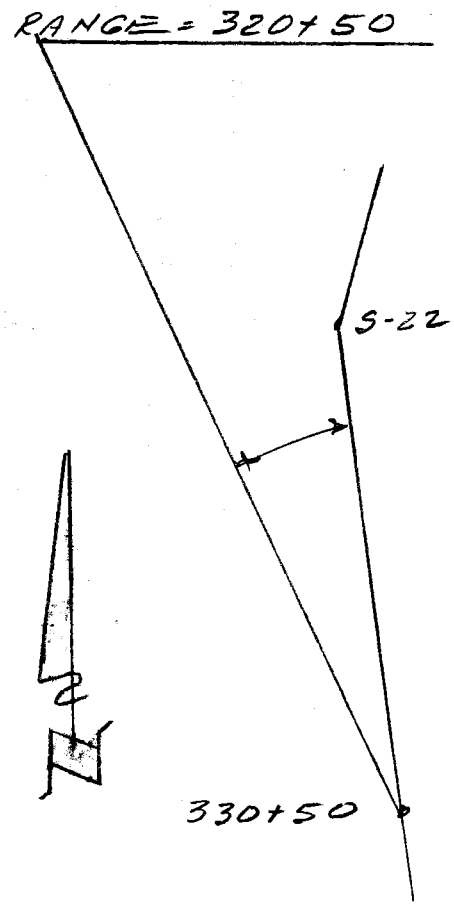
76L298 307 Cdb 1-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
330+50	S-22	8:10	1	59.	11.			
			2	58.	08.			
			3	57.	16.			3205105
			4	56.	24.			
			5	55.	32.			
			6	54.	44.			3205106
			7	53.	47.			
			8	52.	51.			
			9	52.	19.			3205107
			10	51.	40.			
			11	50.	50.			
			12	49.	49.			3205108
			13	48.	49.			
			14	47.	54.			
			15	46.	56.			3205109
			16	45.	56.			
			17	44.	51.			
			18	43.	44.			3205110
			19	42.	21.			
			20	41.	05.			



Profile Notes Red. Plotted Job No. 03002 Division No. 11 F.B. 2808 Pg. 129
No. Date Date Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. Checked Survey by BRY Notes BRY Date 1-11-62
No. Date Date Map No. Indexed H. E. OTT Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
330+50	S-22		21	39.	43.			3205111
			22	38.	10.			
			23	37.	45.			
			24	36.	54.			3205112
			25	36.	20.			
			26	35.	34.			
			27	35.	00.			3205113
			28	34.	26.			
			29	33.	31.			
			30	32.	10.			3205114
			31	31.	19.			
			32	30.	16.			
			33	29.	45.			3205115
			34	28.	40.			
			35	27.	40.			
			36	26.	21.			3205205
			37	25.	16.			
			38	24.	04.			
			39	22.	20.			3205206
			40	20.	22.			
				see page #131				

F. B. 2808 Pg. 130

Survey of BEACH EROSION STUDIES

Survey by H. E. OTT

Indexed

Job No. 03 00.02 Division No. 11

Notes

Date

Notes Red. Date

Notes Chkd. Date

Plotted Date

Checked Date

Profile No.

X-Sec. No.

76L298 307 Cdb 1-62

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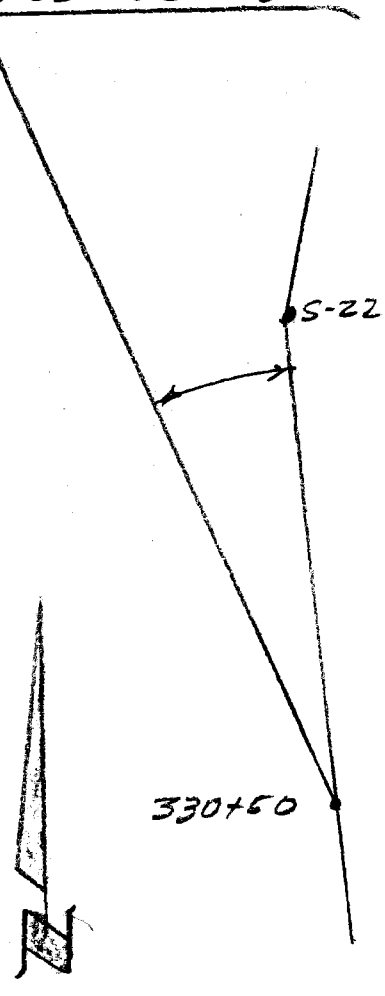
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
330+50	S-22		41	19.	00.			
			42	17.	16.			3205207
			43	15.	25.			
			44	11.	55.			
			45	10.	32.			3205209
		8:17	46	09.	41.			
				00.	00.			
				00.	00.			3205207
				00.	00.			
				00.	00.			
				00.	00.			3205210
						70.	00.	
						00.	00.	
						00.	00.	3205211
						00.	00.	
						00.	00.	
						00.	00.	3205212

RANGE = 320+50



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 3200.02 Division No. 11 F. B. 2338 Pg. 131

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

Notes Chkd. ____ Checked ____ Survey by BAY Notes BAZEN Date 1-11-61

Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2808 PG. 132 | Job No. 0300.02 Division No. 11 Notes Red. Plotted

Profile

Survey of Date Date No.

X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed Date Date Date No.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Do not extend notes this side of this line.

761.298 307 Cdb 1-62

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726 Los Angeles County Engineering Bldg.

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

Blank

76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		[illegible]				322+00
	[illegible]	[illegible]	[illegible]	[illegible]		INSHORE
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]
					Centerline	Line
			[illegible]	[illegible]	[illegible] Face	[illegible]
			[illegible]	[illegible]	[illegible] Face	[illegible]
			[illegible]	[illegible]	Middle Span	400
			[illegible]	[illegible]		
			[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
					319+00	
			[illegible]	[illegible]	[illegible]° 17'	
			[illegible]	[illegible]	[illegible]° 12'	
			[illegible]	[illegible]	32 16	
			[illegible]	[illegible]	36 36	
			[illegible]	[illegible]	39 52	
			[illegible]	[illegible]	45 06	
			[illegible]	[illegible]	49 34	

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F. B. 2808 PG. 133

No. ____ Date ____ Date ____ Survey of ____

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

No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2808 Pg. 134 | Job No. 0300.02 | Division No. 11 | Notes Red | Plotted | Profile

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

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

Indexed | Date | Date | Date | No.

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

Blank

Do not extend notes this side of this line.

76L-298 S & E #307—1-56

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700 Los Angeles County Engineering Bldg.

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76L298 307 Cdb 1-62

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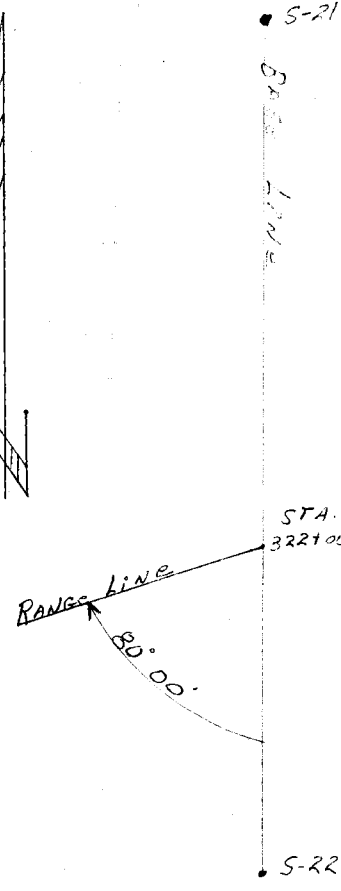
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	80°	00'			
322+00	S-22	8:43	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile Notes Red. ____ Plotted ____ Job No. 2300.02 Division No. 11 F. B. 2808 Pg. 135

No. ____ Date ____ Date ____ Survey of Reach EP Sta STUDIES

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

No. ____ Date ____ Date ____ Map No. ____ Index H. E. OTT Date ____

F. B. 2808 PG. 136 Job No. 2300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Studies Date 1-11-62 Date _____ No. _____

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

Indexed H. E. OTT Date _____ Date _____ Date _____ Date _____ No. _____

761298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
32210	S-22		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
		0824						
				80°	00'			

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

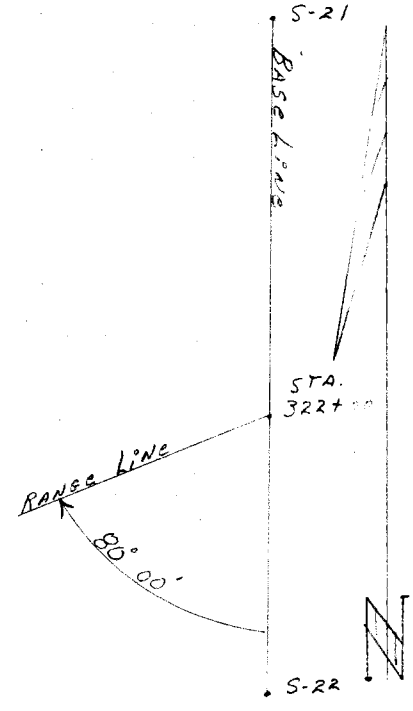
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	80°	00'			
322+00	S-22	9:01	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					

Note

Pick up on Deep State on Line 322+00



Profile Notes Red. Plotted Job No. 8300.02 Division No. 11 F. B. 2808 Pg. 137

No. Date Date Survey of Beach Estates Date

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

No. Date Date Map No. Indexed H. E. OTT Date Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch	80°	00'			
322+00	S-22		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
		09:06						

F. B. 2808 Pg. 138 Job No. 2Zee.02 Division No. 11 Notes Red. Plotted. Profile

Survey of Beach Erosion Studies Date 1-11-62 Date. No. X-Sec.

Survey by Bay Notes Mather Notes Chkd. Checked. Date. No.

Indexed H. E. OTT Date Date

76L298 307 Cdb 1-62

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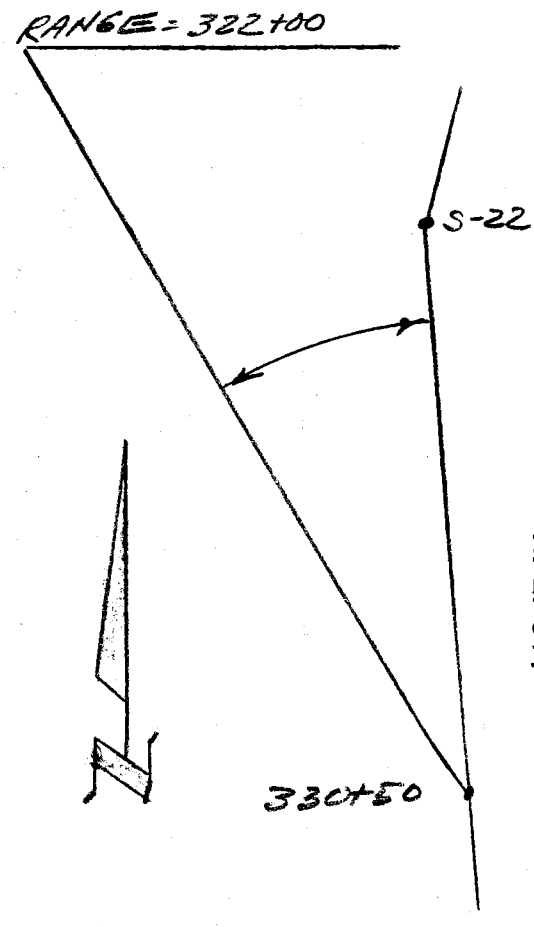
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
330+50	S-22	8:43	1	56.	11.			
			2	55.	03.			
			3	54.	00.			3220105
			4	53.	00.			
			5	51.	11.			
			6	50.	29.			3220106
			7	49.	13.			
			8	48.	04.			
			9	46.	58.			3220107
			10	46.	07.			
			11	44.	50.			
			12	43.	49.			3220108
			13	43.	05.			
			14	42.	28.			
			15	41.	51.			3220109
			16	40.	52.			
			17	40.	16.			
			18	39.	45.			3220110
			19	39.	14			
			20	38.	10.			



Profile No. ____ Date ____ Notes Red ____ Plotted ____ Job No. 03000.02 Division No. 11 F. B. 2808 Pg. 139
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of BEACH EROSION STUDIES Survey by 3?? Notes BAZEN Date 1-11-62
Map No. ____ Index H. E. OTT Date ____

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At (Don't Punch)	Sight On (Don't Punch)	Time (Don't Punch)	Angle No. (Don't Punch)	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
330+50	S-22		21	36.	46.			3220111
			22	35.	23.			
			23	33.	43.			
			24	32.	02.			3220112
			25	30.	09.			
			26	28.	25.			
			27	26.	32.			3220113
			28	23.	16.			
			29	21.	20.			
			30	19.	36.			3220114
			31	17.	00.			
			32	14.	55.			
			33	12.	44.			3220205
		8:48	34	11.	21.			
			35	00.	00.			
			36	00.	00.			3220206
			37	00.	00.			
			38	00.	00.			
			39	00.	00.			3220207
			40					

F. B. 2808 Pg. 140 Job No. 030002 Division No. 11 Notes Red. Plotted Profile No.
Survey of BEACH EROSION STUDIES Date Date X-Sec. No.
Survey by BAY Notes BAZEN Notes Chkd. Checked
Indexed H. E. OTT Date Date

76L298 307 Cdb 1-62

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

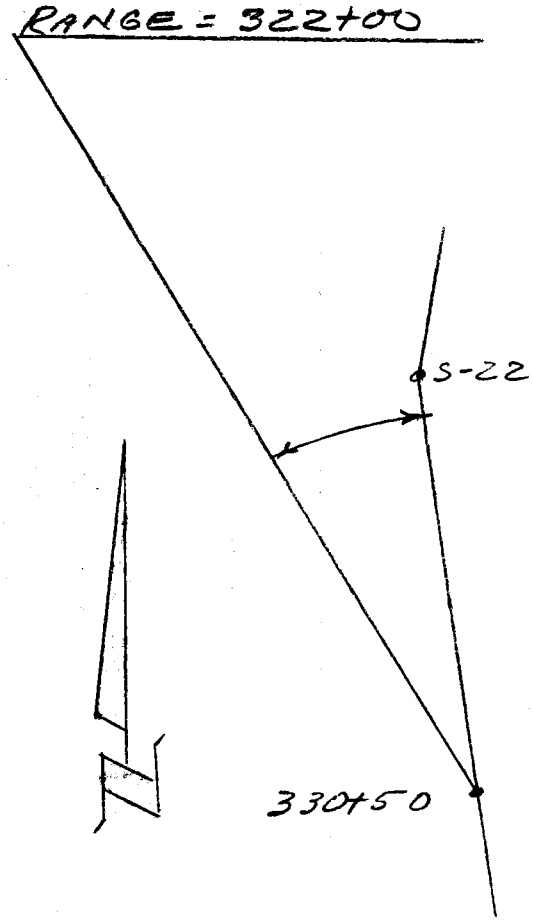
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
330+50	S-22	9:01	1	63.	20.			
			2	62.	50.			
			3	62.	31.			3220305
			4	62.	16.			
			5	62.	10.			
			6	62.	04.			3220306
			7	61.	25.			
			8	61.	00.			
			9	60.	30.			3220307
			10	60.	02.			
			11	59.	07.			
			12	58.	29.			3220308
			13	57.	50.			
			14	57.	13.			
			15	56.	33.			3220309
			16	55.	38.			
			17	54.	51.			
			18	54.	09.			3220310
			19	53.	25.			
			20	52.	28.			

PICK UP OF DEEP WATER SHOTS
RANGE 322+00

RANGE = 322+00



Profile
No. Notes Red. Plotted Job No. 03000.02 Division No. 11 F. B. 28008 Pg. 141
X-Sec. Date Date Survey of BEACH EROSION STUDIES
No. Notes Chkd. Checked Survey by BAY Notes BAZEN Date 1-11-62
Date Date Map No. Indexed H. E. OTT Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
330450	S-22		21	51.	32.			3220311
			22	50.	40.			
			23	49.	42.			
			24	48.	49.			3220312
			25	47.	27.			
			26	46.	18.			
			27	45.	22.			3220313
			28	44.	18.			
			29	43.	10.			
		9:06	30	42.	00.			3220314
				00.	00.			
				00.	00.			
				00.	00.			3220315
						80.	00.	
						00.	00.	
						00.	00.	3220316
						00.	00.	
						00.	00.	
						00.	00.	3220317

F. B. 2808 Pg. 142 | Job No. 0300.02 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of BEACH EROSION STUDIES | Date | No.
Survey by BAY | Notes BAZEN | Notes Chkd. | Checked | X-Sec.
Indexed H. E. OTT | Date | Date | Date | No.

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
BM S-22	4.65	25.20		20.61	BM S-22 EL = 20.61.	IN SHORE 323+00
323+00			48	20.5	T. BANK	5° R.
			131	12.2	B. BANK	20° R.
			153	10.0	BRK	34° R.
			198	5.5		65° R.
TP.	2.50	7.98	1980	5.44	T.P. 1"x2" "BLUE TOP" FOR SWIM PARTY	65° R.
					GUN SET AT 320+50 SIGHT ON S-22	
			48	32	(1) 11° 38'	
			62	18	2 20 10	
			74	06	3 24 47	
			87	-07	4 29 16	
			95	-15	5 32 43	
			105	-25	6 38 00	
			125	-45	7 43 05	
			150	-70	8 48 05	
			178	-98	9 52° 36'	

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0300-01 Division No. 6 F.B. 2808 PG. 45
Survey of Beach Erosion Study Date 6-18-61
Map No. ____ Indexed H. F. OTT Date ____

F. B. 2808 PG. 144 Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Blank

76L-298 CE 307 11-58

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

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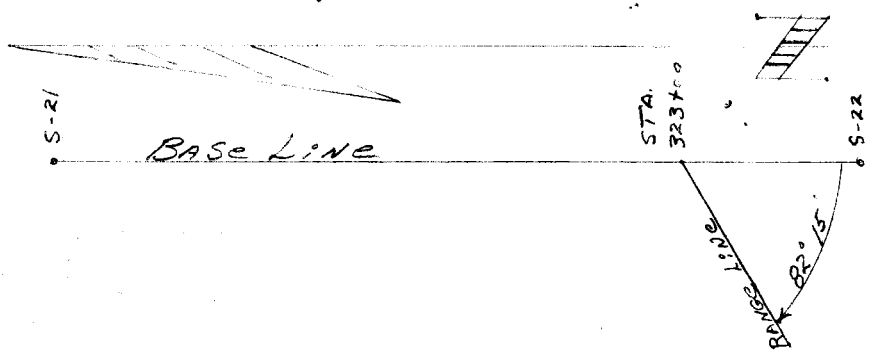
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Profile No.	Notes Red.	Plotted	Job No. 0300.02	Division No. 11	F. B. 2805	Pg. 195
	Date	Date	Survey of Beach Erosion Studies			
X-Sec. No.	Notes Chkd.	Checked	Survey by Ray	Notes Mathel	Date 1-11-62	
	Date	Date	Map No.	Index H. E. OTT	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
726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No.	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
323+00	S-22	10:11	1	82°	15'			
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					

76L298 307 Cdb 1-62

F. B. 2808 PG. 146 | Job No. 030002 Division No. 11 | Notes Red. | Plotted | Profile

Survey of Beach Erosion Studies | Date 1-11-62 | Date | No.

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

Indexed H. E. OTT | Date | Date | Date | No.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Min.	Card No.
223+00	S-22		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
		10:13						

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

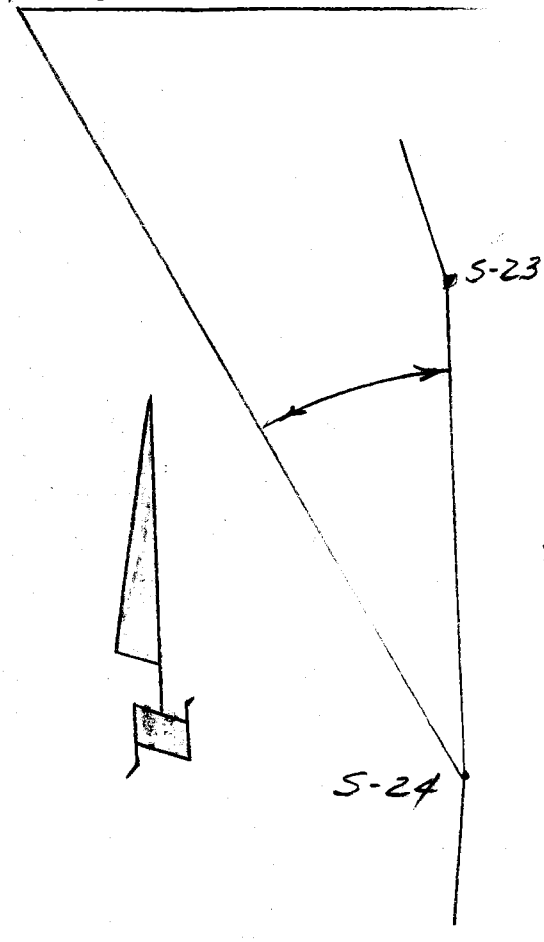
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
5-24	5-23	10:11	1	54.	14.			
			2	53.	48.			
			3	51.	41.			3230006
			4	50.	28.			
			5	49.	25.			
			6	48.	21.			3230007
			7	47.	17.			
			8	46.	00.			
			9	44.	32.			3230008
			10	42.	49.			
			11	41.	06.			
			12	39.	10.			3230009
			13	37.	11.			
			14	34.	54.			
			15	32.	32.			3230010
			16	30.	25.			
			17	28.	47.			
			18	27.	00.			3230011
			19	25.	35.			
			20	23.	43.			

over

RANGE = 323+00



Profile Notes Red. Plotted Job No. 8300.01 Division No. 11 F. B. 2808 Pg. 147
No. Date Date Survey of BEACH & EROSION STUDIES
X-Sec. Notes Chkd. Checked Survey by RAY Notes 3-22-62 Date 1-11-62
No. Date Date Map No. Index H. E. OTT Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
5-24	5-23		21	21.	46.			3230012
			22	20.	02.			
			23	18.	01.			
			24	16.	26.			3230013
			25	14.	48.			
			26	13.	49.			
			27	12.	18.			3230014
			28	10.	31.			
			29	09.	34.			
		10:18	30	08.	14.			3230015
			31	00.	00.			
			32	00.	00.			
			33	00.	00.			3230016
			34					
			35					
			36					
			37					
			38					
			39					
			40					

F. B. 2808 Pg. 148 Job No. 03000.02 Division No. 11 Notes Red. Plotted Profile
Survey of BEACH EROSION STUDIES Date Date No.
Survey by BAY Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Notes BAZEN Date Date Date No.

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		324+00
		25 26				INSHORE
	463	25 51	438	20 88		CONTROL LINE
324+00					CONTROL	LINE
			45	21 0	T. BANK	5° R.
			130	12 5	B. BANK	20° R.
			144	11 1	BRK	40° R.
			197	58		65° R.
TP	105	685	1970	531	TP FOR SWIM PARTY	65° R.
					GUN AT 327+00	SIGHT ON 5-22
			43	25	① 11° 38'	
			54	14	2 19 49	
			66	03	3 23 13	
			78	-19	4 28 34	
			92	-23	5 35 38	
			103	-34	6 39 44	
			126	-57	7 45 48	
			145	-76	8 50 13	
			170	-101	9 53° 34'	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 3000-00 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of Barney Fuson Sta 327+55
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Notes ____ Date ____
Map No. ____ Index M. F. OTT Date ____

F.B. 2608 PG. 140

F.B. 2808 Pg. 150

Job No. 03.00.02 Division No. " Notes Red _____ Plotted _____ Profile

Survey of BRUCE EL2.310K ENV DIES Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Blank

Do not extend notes this side of this line.

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76L-298 CE 307 11-58

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76L298 307 Cdb 1-62

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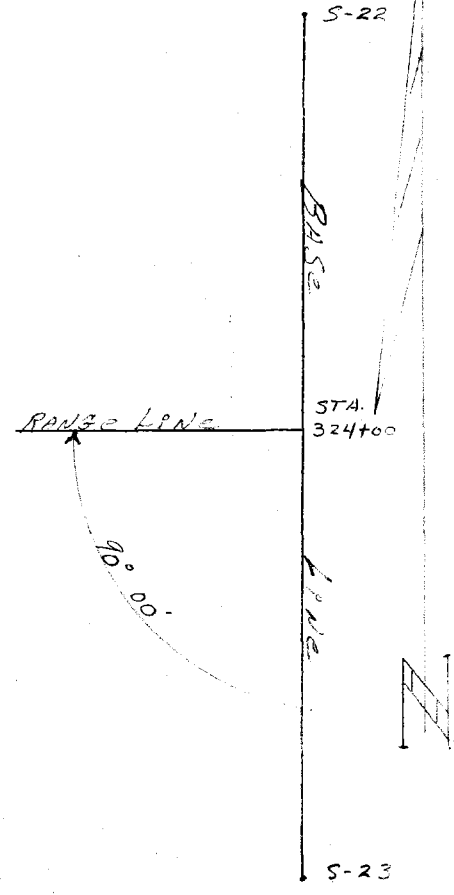
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00'	DEG.	MIN.	
324+00	S-23	10:39	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile

Notes Red. ____ Plotted ____ Job No. 2202 Division No. 11

No. ____ Date ____ Date ____ Survey of Beach Erosion Studies

X-Sec. Notes Chkd. ____ Checked ____ Survey by Ray Notes Matthew Date 1-11-62

No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2808 Pg. 151

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. 2808 Pg. 152 Job No. 0300 Division No. 11 Notes Red. Plotted

Survey of Beach Erosion Studies Date 1-11-62 Date

Survey by H. E. OTT Notes Mather Notes Chkd. Checked

Indexed Date Date No. X-Sec. No. Profile

Inst. At	Sight On	Time	Angle No.	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch	90°	00'			
324+00	S-23		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
			35					
			36					
			37					
			38					
			39					
			40					

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00'	DEG.	MIN.	
324+00	5-23		41					
			42					
			43					
			44					
			45					
			46					
			47					
			48					
			49					
			50					
			51					
			52					
			53					
			54					
			55					
			56					
			57					
			58					
			59					
			60					

See Page 151 For Sketch

Profile Notes Red. ____ Plotted ____ Job No. 23002 Division No. 11 F. B. 2898 Pg. 153

No. ____ Date ____ Date ____ Survey of Beach Erosion Studies

X-Sec. Notes Chkd. ____ Checked ____ Survey by Ray Notes Written Date 1-11-62

No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2808 PG. 154 | Job No. 0700.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date 1-11-62 Date _____ No. _____

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

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

761.298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
324+00	5-23		61					
			32					
			63					
			64					
		10:47						

76L298 307 Cdb 1-62

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LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

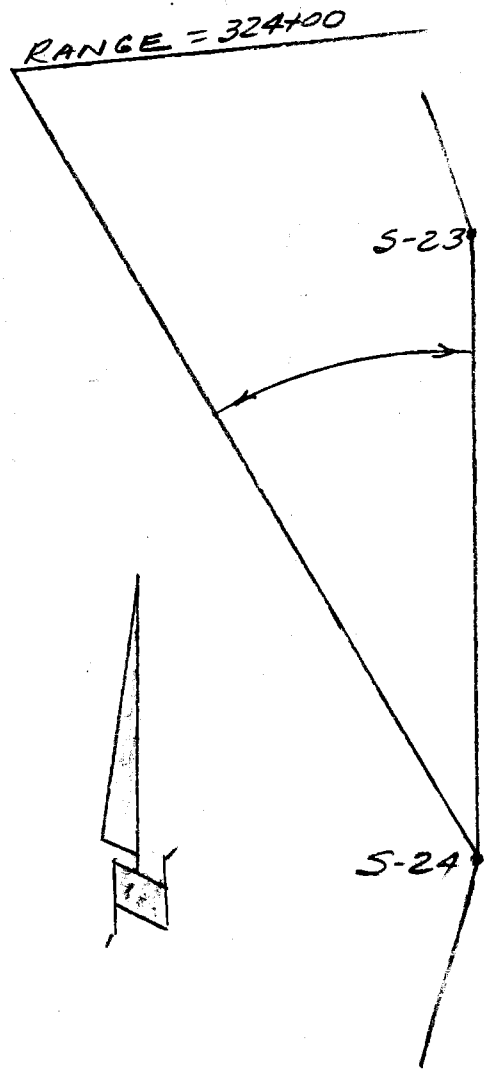
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
5-24	5-23	10:37	1	66.	19.			
			2	66.	07.			
			3	65.	37.			32400005
			4	65.	09.			
			5	64.	49.			
			6	64.	44.			32400006
			7	64.	38.			
			8	64.	35.			
			9	64.	32.			32400007
			10	64.	12.			
			11	64.	00.			
			12	63.	47.			32400008
			13	63.	44.			
			14	63.	29.			
			15	63.	00.			32400009
			16	62.	30.			
			17	62.	04.			
			18	61.	37.			32400010
			19	61.	07.			
			20	60.	42.			

over

RANGE = 324400



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 03000.02 Division No. 11 F. B. 2608 Pg. 155

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

Survey by RAY Notes BAZEN Date 1-11-62

Map No. ____ Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
5-24	5-23		21	60.	08.			3240011
			22	59.	37.			
			23	59.	10.			
			24	58.	37.			3240012
			25	57.	57.			
			26	56.	47.			
			27	56.	09.			3240013
			28	55.	20.			
			29	54.	28.			
			30	53.	40.			3240014
			31	53.	00.			
			32	52.	07.			
			33	51.	12.			3240015
			34	50.	20.			
			35	49.	35.			
			36	48.	42.			3240105
			37	47.	46.			
			38	46.	28.			
			39	44.	58.			3240116
			40	44.	03.			
				[illegible]			(#157)	

Profile

Plotted ____ No. ____ X-Sec. ____

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

Checked ____ Date ____

F. B. 2808 PG. 156 Job No. 030002 Division No. 11

Survey of BEACH EROSION STUDIES

Survey by BAY Notes BALEN

Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

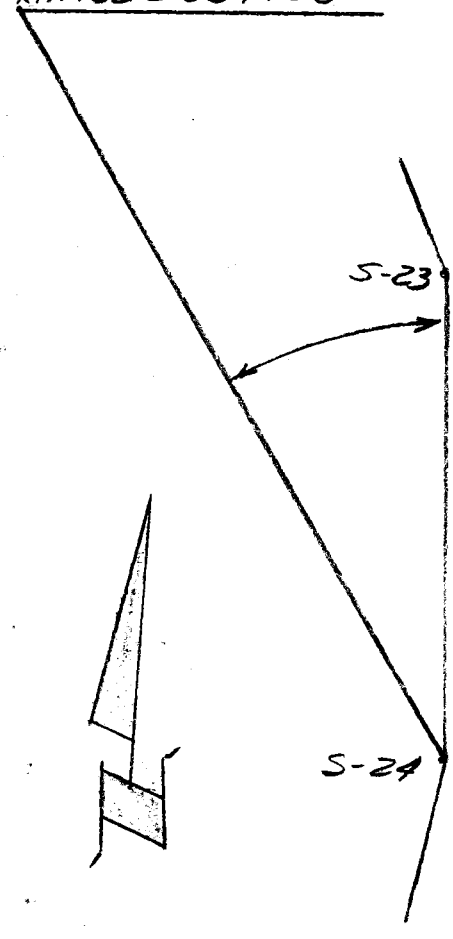
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
5-24	5-23		41	42.	30.			
			42	41.	15.			3240137
			43	39.	56.			
			44	38.	15.			
			45	37.	11.			3240108
			46	36.	00.			
			47	34.	48.			
			48	33.	38.			3240109
			49	32.	28.			
			50	31.	05.			
			51	29.	35.			3240110
			52	28.	48.			
			53	28.	03.			
			54	25.	55.			3240111
			55	24.	31.			
			56	23.	17.			
			57	21.	44.			3240112
			58	20.	28.			
			59	18.	45.			
			60	17.	17.			3240113

over

RANGE = 324+00



Profile Notes Red. Plotted Job No. 030002 Division No. 11 F. B. 2808 Pg. 157

No. Date Date Date Survey of BEACH EROSION STUDIES

X-Sec. Notes Chkd. Checked Survey by BOY Notes PAGEN Date 1-11-62

No. Date Date Map No. Index H. E. OTT Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
S-24	S-23		61	15.	29.			
			62	13.	17.			
			63	11.	40.			3240114
		10:47	64	09.	18.			
				00.	00.			
				00.	00.			3240115
				00.	00.			
				00.	00.			
				00.	00.			3240116

F. B. 2808 Pg. 158

Job No. 030002 Division No. 11 Notes Red. Plotted. No. Profile

Survey of BEACH EROSION STUDIES Date Date X-Sec.

Survey by BAY Notes Chkd. Checked.

Indexed H. E. OTT Date Date No.

Notes BAZEN

76L-298 CE 307 11-58

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		25 51				LAKESHORE
TP	4 65	25 53	4 63	20 88		325+50
325+50					CONTROL	LINE
			.40	21 5	T. BANK	5° R.
			13 5	12 0	B. BANK	30° R.
			14 3	11 2	BANK	50° R.
			18 7	6 8		80 R.
TP	0 58	7 41	18 70	6 83	T.P. FOR SWING PARTY	80 R.
					GUN SET AT 330+00	SIGHT ON 5-22
			34	40	1 11° 50'	
			48	26	2 13 10	
			58	16	3 15 02	
			70	04	4 18 06	
			76	-02	5 20 16	
			90	-16	6 24 07	
			102	-28	7 29 00	
			121	-47	8 33 43	
			142	-68	9 38 00	
			167	-93	10 42 00	

Profile Notes Red ____ Plotted ____ Job No. 07500 02
No. ____ Date ____ Date ____ Date ____ Survey of BEACH EROSION STUDY Division No. 11
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Index ____ Date ____

F.B. 28608 Pg. 158

F. B. 2808 Pg. 160

Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Blank

76L-296 CE 307 11-58

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 Cdb 1-62

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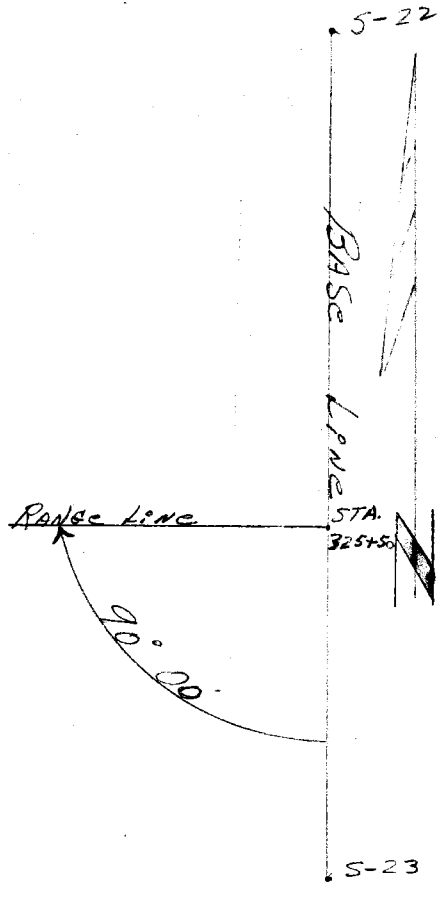
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00'			
325+50	5-23	11.04	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile Notes Red ____ Plotted ____ Job No. 03202 Division No. 11 F. B. 3800 Pg. 161

No. ____ Date ____ Date ____ Survey of Beach Erosion Studies

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

No. ____ Date ____ Map No. ____ Indexed H. E. Ott Date ____

76L298 307 Cdb 1-62

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F. B. 2808 Pg. 162 Job No. 2300.02 Division No. 11 Notes Red. Plotted Profile No.
Survey of Beach Erosion Studies Date 1-11-62 Date X-Sec. No.
Survey by Bay Notes Mather Notes Chkd. Checked
Indexed H. E. OTT Date Date Date

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch	90°	00'			
325+50	5-23		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
			35					
			36					
			37					
			38					
			39					
			40					

76L298 307 Cdb 1-62

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00'			
325+50	S-23		41					
			42					
			43					
			44					
			45					
			46					
			47					
			48					
			49					
			50					
			51					
			52					
		1113						

See Sketch on page 161

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2808 Pg. 163
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion Studies
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 1-11-62
Date ____ Date ____ Map No. ____ Indexed H. E. Ott Date ____

F. B. 2808 PG. 164 Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Studies Date 1-11-62 Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Do not extend notes this side of this line.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L298 307 Cdb 1-62

Blank

76L298 307 Cdb 1-62

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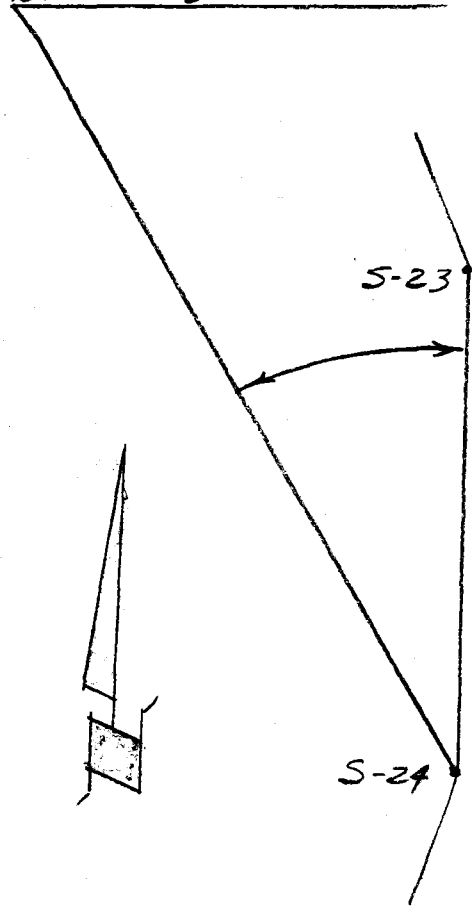
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
S-24	S-23	11:04	1	69.	33.			
			2	67.	50.			
			3	67.	39.			[illegible]
			4	67.	16.			
			5	66.	48.			
			6	66.	40.			3250106
			7	66.	22.			
			8	65.	50.			
			9	65.	24.			3250107
			10	64.	51.			
			11	64.	20.			
			12	63.	47.			3250108
			13	63.	42.			
			14	63.	02			
			15	62.	36.			3250109
			16	62.	12.			
			17	61.	46.			
			18	61.	02.			3250210
			19	60.	44.			
			20	60.	10.			

RANGE = 325+50



Profile Notes Red. ____ Plotted ____ Job No. 3300.02 Division No. 11 F. B. 2802 Pg. 465
No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. ____ Checked ____ Survey by BAY Notes BAKER Date 1-11-62
No. ____ Date ____ Date ____ Map No. ____ Index H. E. OTT Date ____

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
S-24	S-23		21	59.	37.			3250111
			22	59.	05.			
			23	58.	24.			
			24	57.	04.			3250112
			25	55.	49.			
			26	54.	44.			
			27	53.	42			3250113
			28	52.	36.			
			29	51.	07.			
			30	49.	50.			3250114
			31	48.	44.			
			32	45.	56.			
			33	44.	39.			3250205
			34	43.	00.			
			35	41.	24.			
			36	39.	20.			3250206
			37	37.	49.			
			38	35.	47.			
			39	34.	05.			3250207
			40	32.	50.			
				next page (#167				

F. B. 2808 Pg. 166 Job No. 0300.01 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

Survey by BAY Notes BAZEN Notes Chkd. Checked X-Sec.

Indexed H. E. Ott Date Date Date No.

76L298 307 Cdb 1-62

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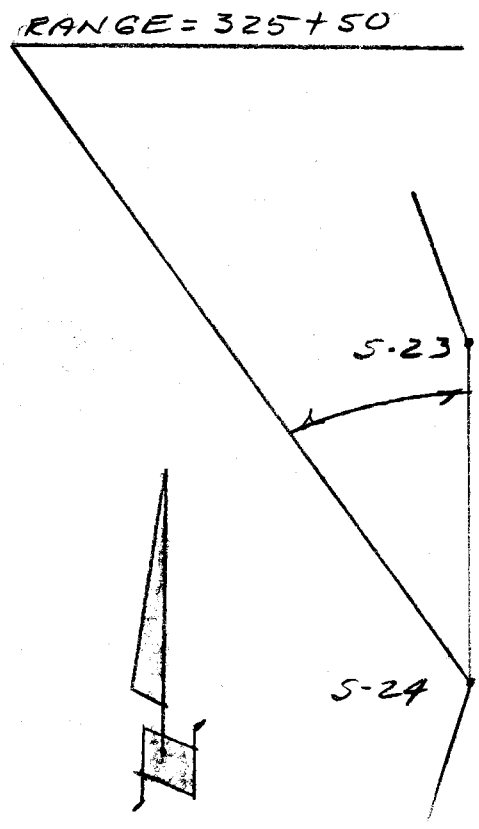
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
5-24	5-23		41	31.	20.			
			42	29.	44.			3250208
			43	28.	05.			
			44	26.	00.			
			45	24.	30.			3250209
			46	22.	35.			
			47	20.	50.			
			48	19.	10.			3250213
			49	17.	50.			
			50	15.	15.			
			51	13.	17.			3250211
		11:13	52	11.	14.			
			53	00.	00.			
			54	00.	00.			3250212
			55	00.	00.			
			56	00.	00.			
			57	00.	00.			3250213
			58					
			59					
			60					



Profile Notes Red. Plotted Job No. 03000 Division No. 11 F. B. 2800 Pg. 167
No. Date Date Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. Checked Survey by BAY Notes BAZEN Date 1-11-62
No. Date Date Map No. Index E. E. OTT Date

F. B. 2808 PG. 168 | Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Blank

76L-298 CE 307 11-58

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		25 53				INSHORE
TP	417	26 14	356	21 97		327+00
327+00					CONTROL	LINE
			42	21 9	T. BANK	8° RT
			139	12 2	T. BANK	40° RT
			164	9 7	BRK	60° RT
			190	7 1		80° RT
TP	034	7 48	190	7 14	TP FOR SWING PARTY	90° RT
					GUN SET AT 330+00	SIGHT ON S-22
			40	3 75	1 19° 16'	
			55	20	2 22 24	
			65	10	3 25 49	
			73	02	4 29 45	
			84	-09	5 33 33	
			95	-20	6 38 48	
			105	-30	7 41 58	
			125	-50	8 46 47	
			143	-68	9 51 07	
			160	-85	10 53 52	
			175	-100	11 56° 33	

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 0300 02 Survey of BEACH Survey by Map No. Division No. 11 EA-SIDE SPUR PIER Notes Indexed H. E. OTT Date Date 1-10-72

F.B. 2808 Pg. 169

F.B. 2808 Pg. 170

Job No. 0300.02 Division No. " Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Blank

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 Cdb 1-62

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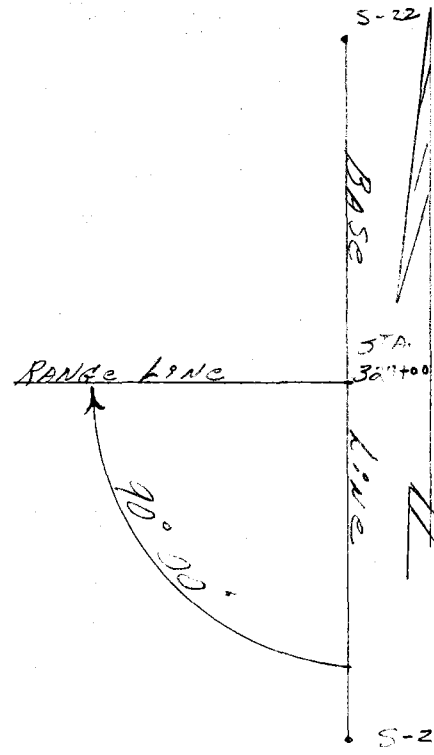
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE	LINE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00'				
327+00	S-23	11:30	1						
			2						
			3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						



Profile

Notes Red. ____ Plotted ____ Job No. 0300-02 Division No. 11 F. B. 28018 Pg. 171

No. ____ Date ____ Date ____ Survey of Powell Expressway Studies

X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by DAY Notes MATHEW Date 1-11-62

No. ____ Date ____ Date ____ Map No. ____ Index H. E. OTT Date ____

76L298 307 Cdb 1-62

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F. B. 2808 Pg. 172 Job No. 2200.02 Division No. 11 Notes Red. Plotted Profile

Survey of Beach Erosion Studies Date 1-11-62 Date No. X-Sec.

Survey by RAY H. E. OTT Notes Mather Notes Chkd. Checked No.

Indexed Date Date Date

Inst. At	Sight On	Time	Angle No.	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch	90°	00'			
327+00	S-23		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
			35					
			36					
			37					
			38					
			39					
			40					

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00'	DEG.	MIN.	
327+00	S-23		41					
			42					
			43					
			44					
		11:37						

Sketch on page 171

Profile Notes Red. Plotted Job No. 2300 Division No. 11 F. B. 2808 Pg. 173

No. Date Date Survey of Beach Erosion Studies

X-Sec. Notes Chkd. Checked Survey by Rg Notes Mathot Date 1-11-62

No. Date Date Map No. Indexed H. E. OTT Date

F. B. 2808 PG. 174 | Job No. 2300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Studies Date 1-11-62 Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.

Blank

Do not extend notes this side of this line.

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761298 307 Cdb 1-62

76L298 307 Cdb 1-62

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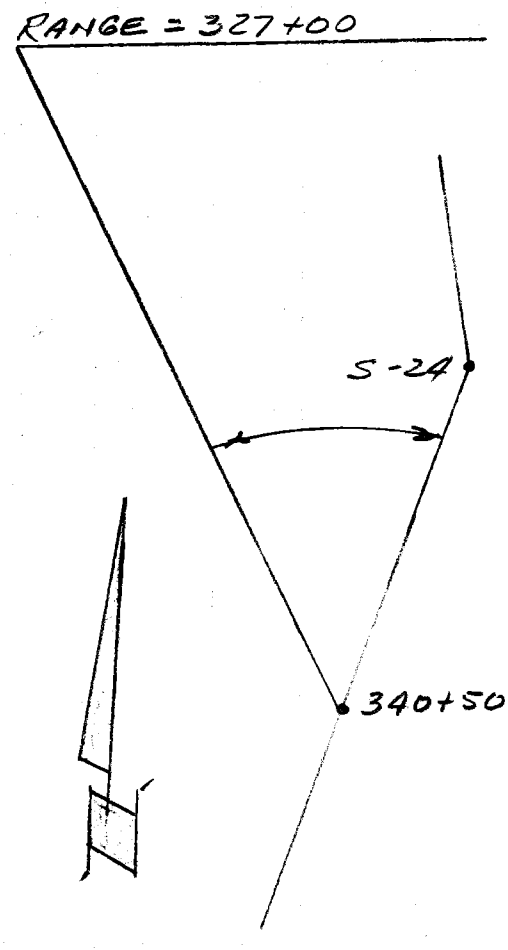
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
340+50	S-24	11:30	1	70.	40.			
			2	70.	08.			
			3	70.	02.			3270006
			4	69.	52.			
			5	69.	37.			
			6	69.	28.			3270007
			7	68.	52.			
			8	68.	38.			
			9	68.	10.			3270008
			10	67.	42.			
			11	67.	14.			
			12	66.	48.			3270009
			13	66.	25.			
			14	65.	47.			
			15	64.	41.			3270010
			16	64.	05.			
			17	63.	23.			
			18	62.	29.			3270011
			19	61.	41.			
			20	60.	30.			



Profile
Notes Red. Plotted Job No. 3300.02 Division No. 11 F. B. 2608 Pg. 175
No. Date Date Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. Checked Survey by BAY Notes BAZEN Date 1-11-62
No. Date Date Map No. Indexed H. E. OTT Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
340+50	5-24		21	59.	23.			3270012
			22	58.	11.			
			23	56.	46.			
			24	55.	40.			3270013
			25	54.	05.			
			26	52.	18.			
			27	50.	40.			3270014
			28	48.	39.			
			29	46.	39.			
			30	44.	45.			3270015
			31	42.	38.			
			32	40.	20.			
			33	38.	10.			3270106
			34	36.	02.			
			35	33.	58.			
			36	30.	40.			3270107
			37	27.	48.			
			38	25.	48.			
			39	23.	00.			3270108
			40	20.	28.			
				[illegible]				

F. B. 2808 Pg. 76 Job No. 0300.02 Division No. 11 Notes Red. Plotted
Survey of BEACH EROSION STUDIES Date Date No.
Survey by BAY Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Notes BAZEN Date Date Date No. Profile

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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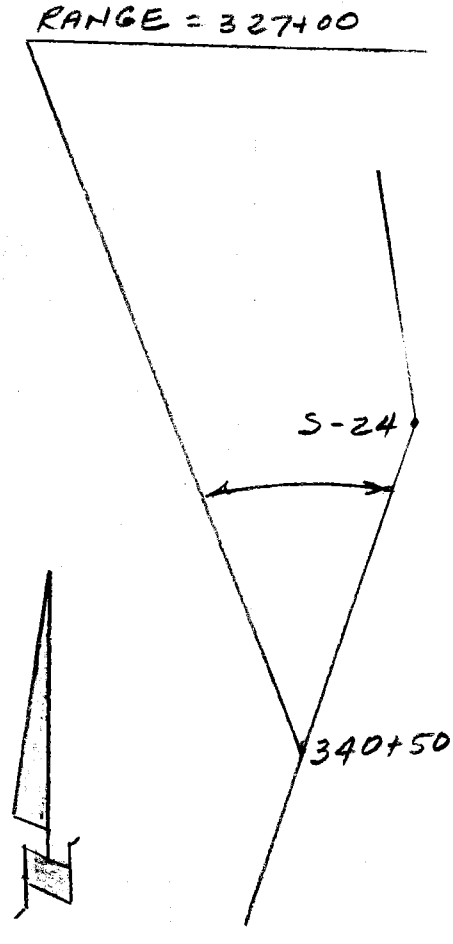
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
340+50	S-24		41	18.	44.				
			42	17.	15.				3270107
			43	14.	45.				
		11:37	44	13.	27.				
				00.	00.				3270110
				00.	00.				
				00.	00.				
				00.	00.				3270111
						00.	00.		
						00.	00.		
						00.	00.		3270112
						00.	00.		
						00.	00.		
						00.	00.		3270113



Profile

Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 F. B. 2808 Pg. 177

No. _____ Date _____ Date _____ Survey of BEACH EROSION STUDIES

X-Sec. Notes Chkd. _____ Checked _____ Survey by _____ Notes _____ Date 1-11-62

No. _____ Date _____ Date _____ Map No. _____ Indexed H. E. OTT Date _____

F. B. 2808 PG. 178 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Blank

Do not extend notes this side of this line.

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LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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761298 307 Cdb 1-62

76L-298 CE 307 11-58

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		26 14				1/2 SHORE
T.P.	4 31	25 92	4 73	21 41		328 + 16
						N. SIDE GROIN
328 + 16					CONTROL	LINE
			43	21 4	T. BANK	9° R.
			82	17 5	B. BANK	30° R.
			83	17 4	T. BANK	38° R.
			138	11 9	B. BANK	60° R.
			182	7 5		80° R.
T.P.	0 04	7 56	18 20	7 52	T.P. FOR SWING PARTY	80° R. (N.Y.)
					GUN AT 330+00	SIGHT ON S 22
			36	4 0	1 28° 42'	
			56	2 0	2 32 10	
			65	1 1	3 35 28	
			69	0 5	4 41 52	
			83	-0 7	5 45 48	
			91	-2 5	6 49° 35'	

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 2800 02 Division No. 11
X-Sec. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of BEACH & BOSTON STREET
Survey by [illegible] Notes [illegible] Date 1 10 62
Map No. ____ Indexed H. E. OTT Date ____

F.B. 2808 Pg. 179

F.B. 2808 Pg. 180

Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Blank

Do not extend notes this side of this line.

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

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

76L-298 CE 307 11-58

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		25 72				328 + 44
T.P.	427	25 52	443	21 29		INSHORE
						SOUTH SIDE CREEK
328 + 44						
			42	21 4	1. BANK	9° RT
			34	17 2	2. BANK	20° RT
			106	15 0	BANK	40° RT
			153	10 3	3. BANK	55° RT
			182	7 4		80° RT
T.P.	000	7 3/4 6	1820	7 3/4 2	T.P. FOR SWIM PARTY	90° RT
					GUN AT 325 + 50	SIGHT ON S-23
			19	56 5/7	1 14° 00'	
			57	1 8/7	2 19 32	
			65	~~+0~~ 9	3 25 32	
			81	-06 7	4 31 55	
			91	-16 7	5 37 16	
			110	-35 6	6 43 25	
			141	-66 7	7 50 07	
			175	-100 1	8 56 03	

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

F. B. Pg. 181

F.B. 2808 Pg. 182 Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 Cdb 1-62

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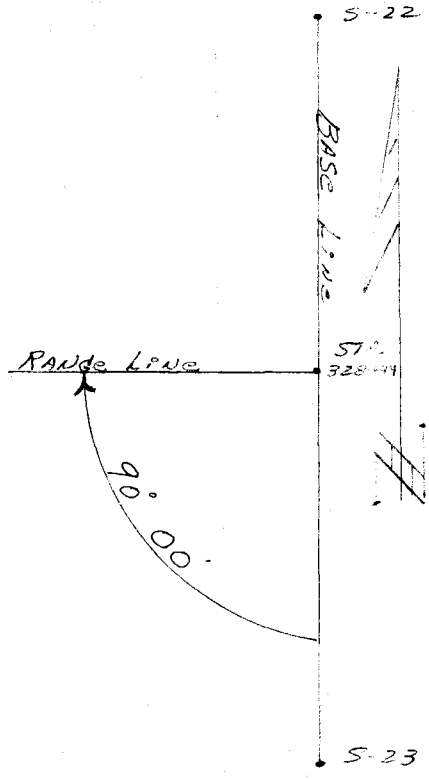
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00'	DEG.	MIN.	
328+44	S-23	11:49	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile Notes Red. Plotted Job No. 3202.02 Division No. 11 F. B. 2842 Pg. 183

No. Date Date Survey of Beach Erosion Studies

X-Sec. Notes Chkd. Checked Survey by Notes Date 1-11-63

No. Date Date Map No. Indexed H. E. OTT Date

F. B. 2808 PG. 184 | Job No. 6300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Studies Date 1-11-62 Date _____ No. _____

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

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
308+44	S-23		21	90°	00'			
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
			35					
			36					
			37					
			38					
			39					
			40					

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00			
328+44	S-23		41					
			42					
			43					
			44					
			45					
			46					
			47					
			48					
			49					
			50					
			51					
			52					
			53					
			54					
			55					
			56					
		11:59						

See Sketch on page 183

Profile No. ____ X-Sec. No. ____

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

Plotted ____ Date ____ Checked ____ Date ____

Job No. 23002 Division No. 11 Survey of Beach Erosion Survey by ____ Notes ____ Date ____ Map No. ____ Date ____

Indexed H. E. OTT Date ____

F. B. 28008 Pg. 185

F. B. 2808 PG. 186 Job No. B00.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Studies Date 1-11-62 Date _____ No. _____

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

Indexed _____ Date: _____ Date _____ Date _____ No. _____

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
338+44	S-23							
				90°	00'			

Do not extend notes this side of this line.

76L298 307 Cdb 1-62

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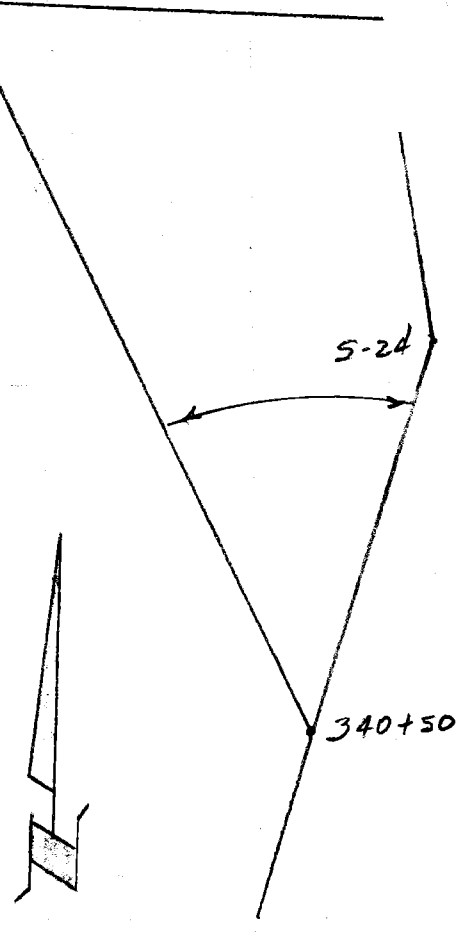
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
340+50	5-24	11:49	1	75.	24.			
			2	75.	04.			
			3	74.	53.			3284505
			4	74.	45.			
			5	74.	38.			
			6	74.	22.			3284506
			7	74.	07.			
			8	73.	53.			
			9	73.	40.			3284507
			10	73.	15.			
			11	72.	53.			
			12	72.	36.			3284508
			13	72.	17.			
			14	72.	03.			
			15	71.	32.			3284509
			16	71.	11.			
			17	70.	48.			
			18	70.	24.			3284510
			19	69.	57.			
			20	69.	30.			

over

RANGE = 328+44



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 03000.02 Division No. 11 F. B. 2808 Pg. 187

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

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by BAL Notes ____ Date 1-11-62

Map No. ____ Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
340+50	S-24		21	69.	09.			3284511
			22	68.	24.			
			23	67.	44.			
			24	66.	55.			3284512
			25	66.	10.			
			26	65.	25.			
			27	64.	36.			3284513
			28	63.	43.			
			29	62.	47.			
			30	61.	22.			3284514
			31	60.	21.			
			32	59.	16.			
			33	58.	08.			3284606
			34	56.	55.			
			35	55.	36.			
			36	54.	11.			3284607
			37	52.	35.			
			38	51.	04.			
			39	49.	28.			3284608
			40	47.	37.			

next page (Pg #139)

F. B. 2808 Pg. 188 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile No.
Survey of BEACH EROSION STUDIES Date Date X-Sec. No.
Survey by BAY Notes BAZEN Notes Chkd. Checked
Indexed H. E. OTT Date Date

76L298 307 Cdb 1-62

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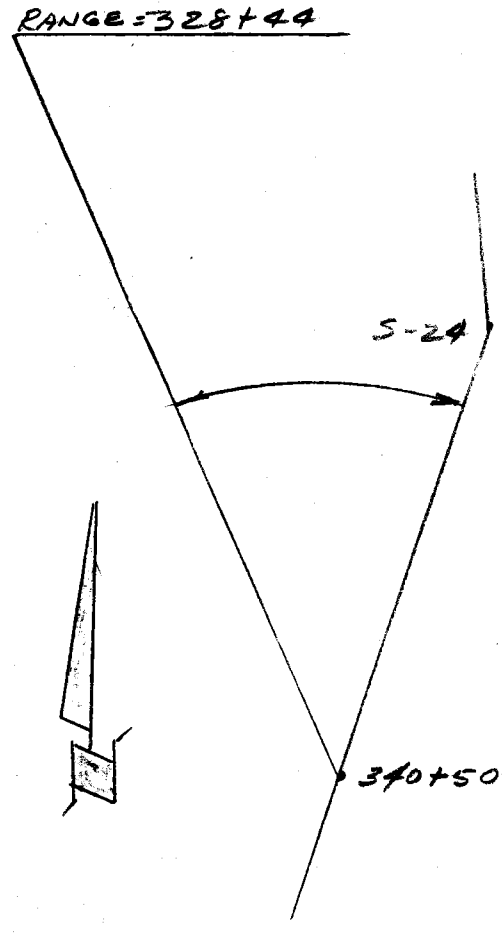
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
340+50	S-24		41	34.	13.			
			42	42.	36.			3284609
			43	40.	14.			
			44	37.	45.			
			45	36.	06.			3284610
			46	33.	54.			
			47	31.	54.			
			48	29.	34.			3284611
			49	27.	18.			
			50	24.	56.			
			51	22.	40.			3284612
			52	20.	45.			
			53	18.	40.			
			54	16.	35.			3284613
			55	15.	20.			
		11:59	56	13.	28.			
				00.	00.			3284614
				00.	00.			
				00.	00.			
				00.	00.			3284615



Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 28608 Pg. 188

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of BEACH EROSION STUDIES Survey by ____ Notes ____ Date 1-11-62

Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2808 PG. 190 | Job No. 0300.02 Division No. 11 Notes Red. Plotted. Profile

Survey of BEACH EROSION STUDIES Date Date No.

Survey by BAY Notes BAZEN Notes Chkd. Checked X-Sec.

Indexed Date Date Date Date No.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Blank

Do not extend notes this side of this line.

761298 307 Cdb 1-62

PLEASE RETURN TO

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L-298 CE 307 11-58

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		25 56				INSHORE
T.P.	4 06	24 59	5 03	20 53		330+00
					CENTER	LINE
330+00			42	20 4	T. BANK	9° R.
			105	14 1	B. BANK	25° R.
			124	12 2	BLK	50 R.
			156	9 0		60 R.
T.P.	1 77	10 7.6	15 60	3 99	T.P. FOR SWING PARTY	60 R.
T.P	0 90	6 ~~39~~ 37	5 49	5 27	GUN AT 325+50	SIGHT ON S-23
			38	26 4	1 13° 15'	
			57	07 5	2 15 16	
			65	-01 3	3 20 12	
			75	-11 3	4 24 20	
			94	-30 2	5 30 29	
			128	-64 6	6 37 00	
			161	-97 7	7 43 14	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of ____
Notes Chkd. ____ Checked ____ Survey by ____
Date ____ Date ____ Map No. ____ Indexed H. F. OTT Notes ____ Date ____ Date ____

F.B. 2808 Pg. 191

F.B. 2808 Pg. 192 | Job No. 0300.02 | Division No. 11 | Notes Red | Plotted | Profile

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

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

Indexed | Date | Date | Date | No.

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

76L-298 CE 307 11-58

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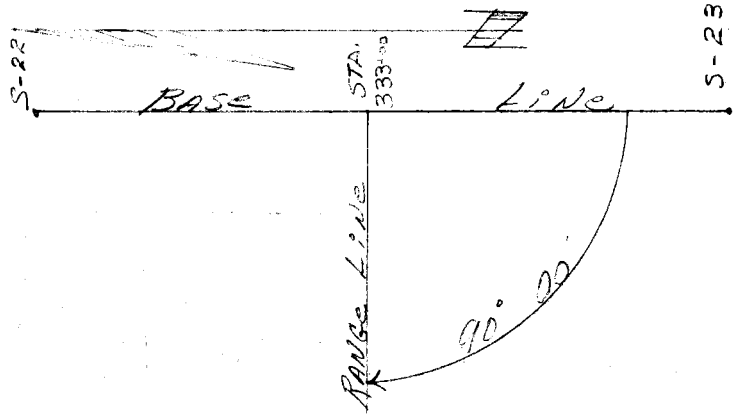
Profile	Notes Red.	Plotted	Job No. 2300.02	Division No. 11	F. B. 2808	Pg. 193
No.	Date	Date	Survey of Beach Erosion Studies			
X-Sec.	Notes Chkd.	Checked	Survey by SA	Notes Marsh	Date 1-11-62	
No.	Date	Date	Map No.	Indexed H. E. OTT	Date	



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
726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Line Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
330+00	S-23	12:12	1	90°	00			
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					

76L298 307 Cdb 1-62

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F. B. 2808 PG. 194 Job No. 3200 Division No. 11 Notes Red. Plotted. Profile No.

Survey of Road Erosion Studies Date 1-11-62 Date X-Sec. No.

Survey by Party Notes MATHER Notes Chkd. Checked

Indexed H. E. OTT Date Date Date

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00'			
330+00	S-23		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
			35					
			36					
		12:18						

76L298 307 Cdb 1-62

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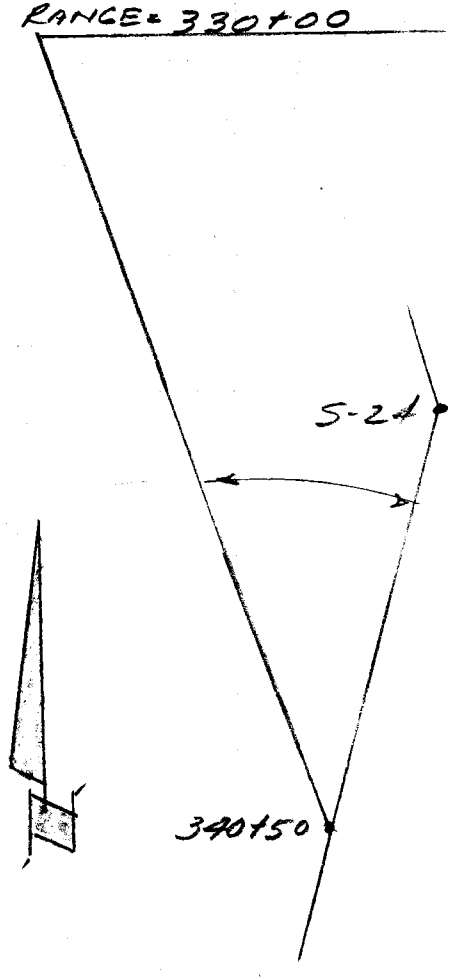
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
340+50	S-24	12:12	1	75.	30.			
			2	74.	34.			
			3	73.	44.			3300106
			4	73.	03.			
			5	72.	08.			
			6	71.	06.			3300107
			7	70.	34.			
			8	69.	52.			
			9	69.	05.			3300108
			10	68.	10.			
			11	66.	50.			
			12	65.	32.			3300109
			13	64.	35.			
			14	63.	20.			
			15	62.	04.			3300110
			16	60.	10.			
			17	58.	39.			
			18	56.	47.			3300111
			19	54.	49.			
			20	51.	49.			

over



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2808 Pg. 195
X-Sec. No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by BAY Notes Taken Date 1-11-62
Map No. ____ Date ____ Indexed H. F. OTT Date ____

76L298 307 Cdb 1-62

PLEASE RETURN TO

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
340+50	S-24		21	49.	49.			3300112
			22	47.	48.			
			23	45.	45.			
			24	43.	24.			3300113
			25	40.	45.			
			26	38.	20.			
			27	35.	40.			3300114
			28	32.	47.			
			29	30.	15.			
			30	28.	14.			3300115
			31	26.	12			
			32	23.	46.			
			33	21.	55.			3300206
			34	19.	27.			
			35	17.	17.			
		12:18	36	14.	48.			3300207
			37	00.	00.			
			38	00.	00.			
			39	00.	00.			3300208
			40					

F. B. 2808 Pg. 196 | Job No. 0300.02 | Division No. 11 | Notes Red. | Plotted | Profile

Survey of BEACH EROSION STUDIES | Date | Date | No. | X-Sec.

Survey by H. E. OTT | Notes BAZEN | Notes Chkd. | Checked | No.

Indexed | Date | Date | Date

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		24 59				INSHORE
T.P.	435	24 41	453	20 06		333 + 00
333 + 00					Control	Line
			43	20 1	T. Bank	7° R
			98	14 6	B. Bank	35° R
			113	13 1	Bank	40° R
			146	9 8		65° R
T.P.	209	11 90	1460	9 81	TP FOR SWIMMERS	65° R
	137	7 41	586	6 04	GUN AT 325+50	SIGHT ON S-23
			18	5 66		94 FT R
			40	3 4	1 09° 65'	?
			58	1 6	2 09 40	
			70	0 4	3 10 47	
			80	-0 6	4 12 55	
			88	-1 4	5 14 31	
			96	-2 2	6 13 28	
			107	-3 3	7 19 28	
			125	-5 1	8 21 28	
			139	-6 5	9 25 08	

CONTINUED NEXT PAGE

Profile No. X-Sec. No.
Notes Red Date
Notes Chkd Date
Plotted Date
Checked Date
Job No. 030002
Survey of Beach Erosion Study
Survey by
Map No.
Division No. 11
Indexed H. E. OTT Date
F.B. 2808 Pg. 197

F.B. 2808 Pg. 198 Job No. 030.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

STATION	B.S.	H.I.	F.S.	ELEV.
		741		
			161	
			170	
				-87.10
				-96.11
				27° 52
				28° 45

76L-256 CE 307 11-58

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

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76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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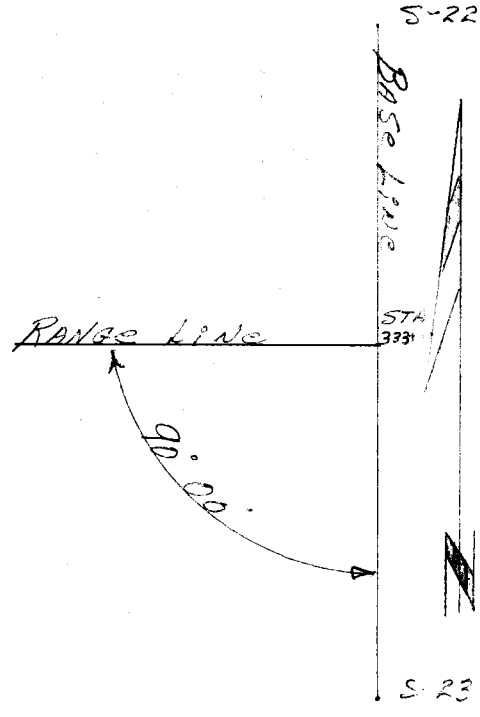
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00'			
333+00	5-23	07:22	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile

Notes Red. ____ Plotted ____ Job No. Base & Division No. 11 F. B. 7008 Pg. 144

No. ____ Date ____ Date ____ Survey of Base & Division Studies

X-Sec. Notes Chkd. ____ Checked ____ Survey by Bay Notes ____ Date 1-12-62

No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00			
333+00	5-23		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
		07:27						

F. B. 2808 PG. 200 Job No. 03-0202 Division No. 11 Notes Red. Plotted

Survey of Beach Erosion Studies Date 1-12-62 Date X-Sec. No.

Survey by Bay Notes Mather Notes Chkd. Checked

Indexed H. E. Ott Date Date Date Profile No.

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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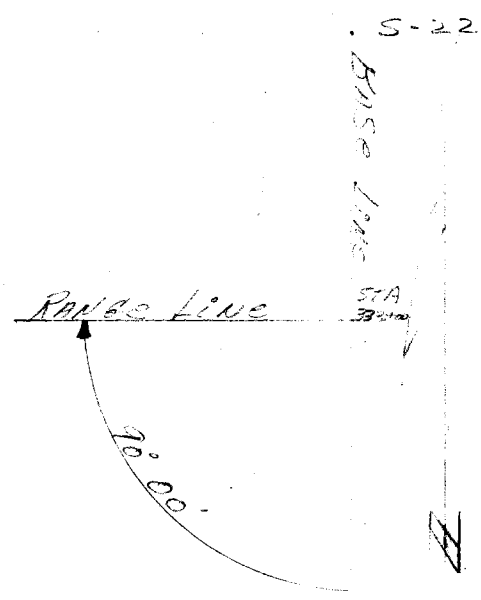
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00'			
333+00	S-23	7:35	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
		7:39						

NoTe
Pick up on Base Sho's
on STA. 333+00



Profile
Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 28008 Pg. 201
No. Date Date Survey of Beach Erosion Study
X-Sec. Notes Chkd. Checked Survey by Notes Date
No. Date Date Map No. Index H. E. OTT Date

F. B. 2808 PG. 202 Job No. 0300002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Studies Date 1-12-62 Date _____ No. _____

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

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
333+00	5-23			90°	00'			

Profile

761298 307 Cdb 1-62

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726 Los Angeles County Engineering Bldg.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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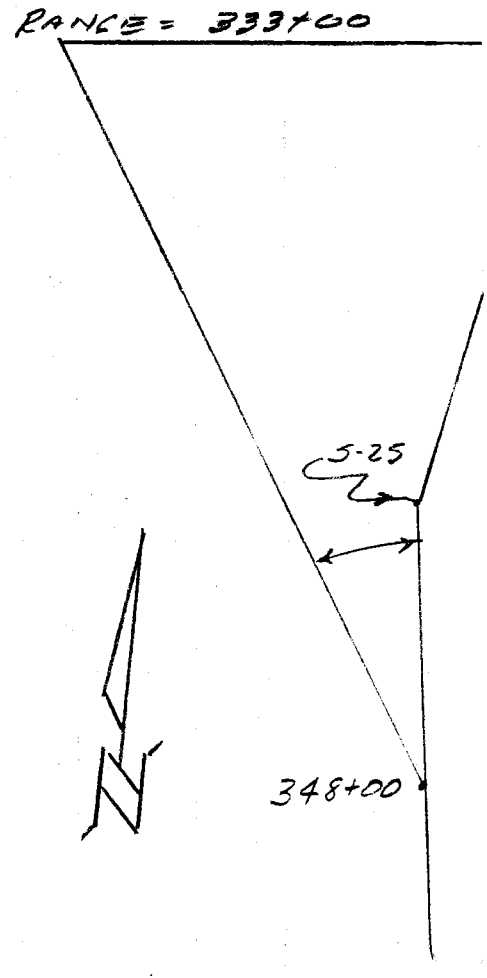
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
348+00	5-25	7:22	1	39.	09.			
			2	38.	20.			
			3	36.	41.			3330107
			4	35.	41.			
			5	34.	36.			
			6	33.	45.			3330108
			7	32.	40.			
			8	31.	41.			
			9	30.	36.			3330109
			10	29.	18.			
			11	28.	17.			
			12	27.	00.			3330110
			13	25.	35.			
			14	24.	20.			
			15	23.	13.			3330111
			16	22.	04.			
			17	20.	36.			
			18	19.	16.			3330112
			19	17.	36.			
			20	16.	08.			



Profile Notes Red. Plotted Job No. 830002 Division No. 11 F. B. 2808 Pg. 203

No. Date Date Survey of BEACH EROSION STUDIES

X-Sec. Notes Chkd. Checked Survey by CAY Notes CAY Date 1-12-62

No. Date Date Map No. Indexed F. O. Date Date

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At (Don't Punch)	Sight On (Don't Punch)	Time (Don't Punch)	Angle No. (Don't Punch)	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
348+00	S-25		21	14.	36.			3330113
			22	13.	16.			
			23	11.	44.			
			24	10.	11.			3330114
			25	08.	35.			
			26	07.	31.			
			27	06.	02.			3330115
			28	05.	20.			
		7:27	29	04.	12.			
			30	00.	00.			3330116
			31	00.	00.			
			32	00.	00.			
			33	00.	00.			3330117
			34			00.	00.	
			35			00.	00.	
						00.	00.	3330118
						00.	00.	
						00.	00.	
						00.	00.	3330119

F. B. 2208 Pg. 204 Job No. 030001 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION STUDIES Date Date No.

Survey by H. E. OTT Notes Chkd. Checked X-Sec.

Indexed Date Date No.

76L298 307 Cdb 1-62

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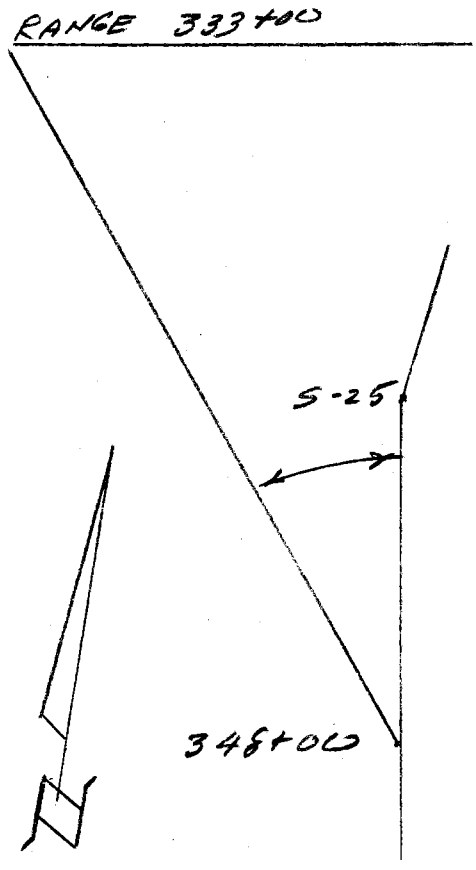
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
348+00	5-25	7:36	1	58.	32.			
			2	57.	00.			
			3	55.	20.			3330207
			4	53.	53.			
			5	52.	12.			
			6	50.	36.			3330208
			7	48.	22.			
			8	46.	26.			
			9	44.	40.			3330209
			10	41.	31.			
			11	39.	00.			
			12	36.	21.			3330210
		7:39	13	33.	00.			
			14	00.	00.			
			15	00.	00.			3330211
				00.	00.			
				00.	00.			
				00.	00.			3330212
						90.	00.	
						00.	00.	
						00.	00.	3330213

5 SHOTS ON WATER

RE RUN OF DEEP WATER RANGE 333+00



Profile Notes Red. Plotted Job No. 03000.01 Division No. 11 F. B. 2808 Pg. 205
No. Date Date Survey of BEACH EROSION STUDIES
X-Sec. Notes Chkd. Checked Survey by BAY Notes BAZELL Date 1-12-62
No. Date Date Map No. Index H. E. OTT Date

F. B. 2808 PG. 206 | Job No. 0300.02 | Division No. 11 | Notes Red. | Plotted | Profile

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

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

Indexed | Date | Date | Date | No.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		24 41				INSHORE 335+00
S-23 335+00	5 28	25 34	435	20.06	S-23 EL= 20.06	
					CONTROL	LINE
			45	20 8	T.B	6° RT.
			105	14 8	BRK	35° RT
			117	13 6	BRK	60° RT
			147	10 6		80° RT
TP.	190	12 54	1470	10 64	TP. FOR SWIM PARTY	80° RT.
	123	639	743	5 11	S-23 GUNAT 333+41.73	SIGHT ON S-24
			16	8 7	1 38° 43'	
			41	22	2 42- 28	
			60	03	3 45 28	
			79	-16	4 49 04	
			75	-12	5 53 58	
			86	-23	6 57 42	
			93	-30	7 59 44	
			102	-39	8 61 50	
			115	-52	9 63 46	CONT. NEXT PAGE

Profile Notes Red ____ Plotted ____ Job No. 8300.01 Division No. 11
No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDY
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Index ____ Date ____

F.B. 28068 Pg. 207

F.B. 2808 Pg. 208

Job No. 0300.02 Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed H. E. OTT Date _____ Date _____ Date _____ Date _____ No. _____

STATION	B.S.	H.I.	F.S.	ELEV.	
		6 34			
			128	-6.5.	10
			148	-8.5	11
			165	-10.2	12

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
335+00	5-24		41	90°	00'			
			42					
			43					
		07:58						

See Sketch on page 207

Profile Notes Red. ____ Plotted ____ Job No. 2300-02 Division No. 1

No. ____ Date ____ Date ____ Survey of Beach Erosion Study

X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 1-12-62

No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2808 Pg. 209

F. B. 2808 PG. 210 | Job No. 0300.02 Division No. 11 | Notes Red. | Plotted | Profile

Survey of Beach Erosion Studies | Date 1-12-62 | Date | No.

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

Indexed H. E. OTT | Date | Date | Date | No.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.

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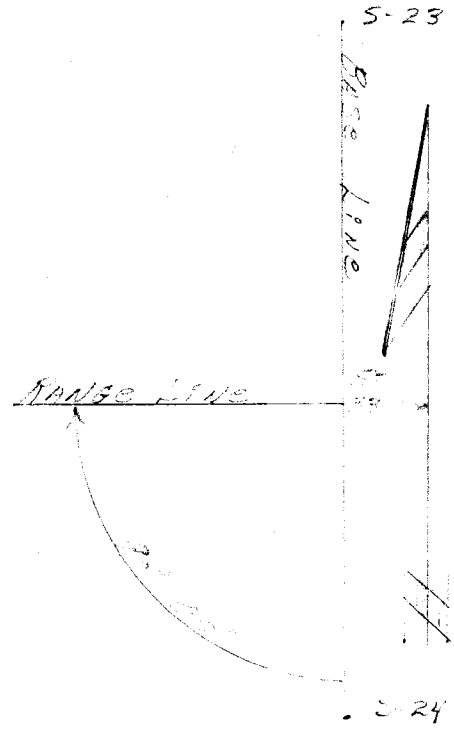
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00'			
325+00	5-24	07:50	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile Notes Red. Plotted Job No. Division No.

No. Date Date Survey of

X-Sec. Notes Chkd. Checked Survey by Notes

No. Date Date Map No. Index H. E. OTT Date Date

F. B. 2808 Pg. 211

76L298 307 Cdb 1-62

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F. B. 2808 PG. 212 Job No. 0320.02 Division No. 11 Notes Red. Plotted

Survey of Bonita Frontage Street Improvements Date 1-18-62 Date

Survey by Notes Chkd. Checked

Indexed H. E. OTT Date Date

Profile No. X-Sec. No.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00'			
385+00	S-24		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
			35					
			36					
			37					
			38					
			39					
			40					

76L298 307 Cdb 1-62

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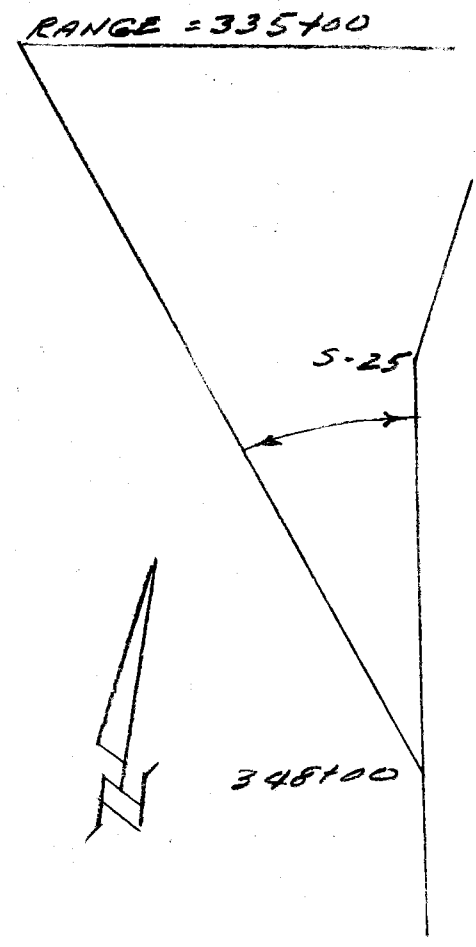
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
348+00	5.25	7:50	1	59.	45.			
			2	59.	18.			
			3	58.	45.			3350106
			4	57.	10.			
			5	56.	32.			
			6	55.	51.			3350107
			7	55.	09.			
			8	54.	33.			
			9	53.	53.			3350108
			10	53.	11.			
			11	52.	18.			
			12	51.	35.			3350109
			13	50.	35.			
			14	49.	30.			
			15	48.	32.			3350110
			16	47.	32.			
			17	46.	20.			
			18	45.	13.			3350111
			19	44.	00.	?		
			20	42.	55.			
				00.	90.			over 3350116



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

Notes Red. ____ Notes Chkd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 2800-2 Division No. 11 Survey of BEACH EROSION STUDIES Survey by ____ Notes ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2806 Pg. 213

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
348100	5.25		21	41.	40.			
			22	40.	25.			
			23	38.	49.			3350112
			24	37.	22.			
			25	35.	48.			
			26	34.	07.			3350113
			27	32.	34.			
			28	30.	44.			
			29	29.	07.			3350114
			30	27.	22.			
			31	25.	25.			
			32	23.	19.			3350115
			33	21.	51.			
			34	20.	28.			
			35	18.	50.			3350206
			36	17.	00.			
			37	15.	49.			
			38	13.	50.			3350207
			39	12.	08.			
			40	10.	38.			
			next page -			#215		

F. B. 2808 Pg. 214

Job No. 8300.02 Division No. 11

Survey of BEACH EROSION STUDIES

Survey by BAY Notes BAZEN

Indexed H. E. OTT Date

Profile No. X-Sec. No.

Plotted Date Notes Red. Date

Checked Date Notes Chkd. Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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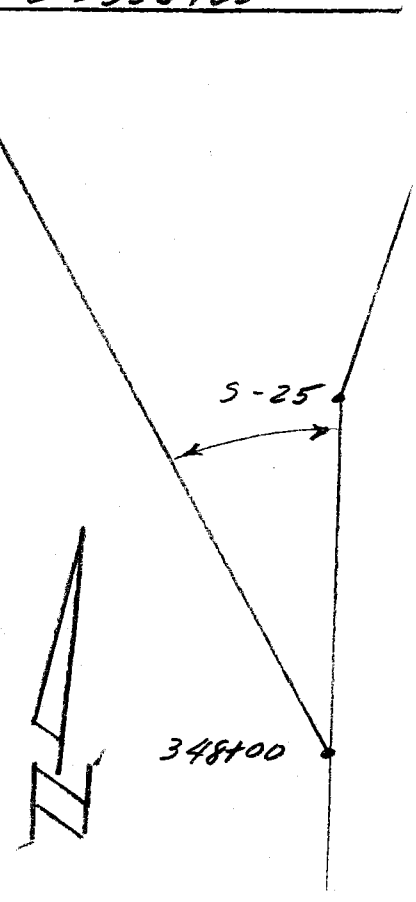
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
348+00	5-25		41	09.	00.			3350208
			42	07.	24.			
		7:58	43	05.	50.			
				00.	00.			3350209
				00.	00.			
				00.	00.			
				00.	00.			3350210
						90.	00.	
						00.	00.	
						00.	00.	3350211
						00.	00.	
						00.	00.	
						00.	00.	3350212

RANGE = 335+00



Profile
No. X-Sec.
Notes Red. Date
Notes Chkd. Date
No. Date
Plotted Date
Checked Date
Job No. 030002
Division No. 11
Survey of BEACH EROSION STUDIES
Survey by CAY Notes CA. EX Date 1-12-62
Map No. Indexed H. E. OTT Date
F. B. 2800 Pg. 215

F. B. 2808 PG. 216 | Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Do not extend notes this side of this line.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L298 307 Cdb 1-62

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		25 34				INSHORE
T.P.	463	26 94	303	22 31	✓	338+00
338+00						
			45	224	T. BANK	7° RT.
			103	16 6	B. BANK	25° RT
			135	13 4	BRK	55° RT
			160	10 9		90° RT
T.P.	0.24	11 18	16 00	10 94	T.P. FOR SWIM PARTY	90° RT
			10	10 2		100 RT
			34	7 8		125 RT
T.P.	232	6 27	723	395		155 RT & T.P
					GUN AT 340+50 SIGHT ON 5-24	
			60	0 3	① 40° 10'	
			67	-0 4	2 46 46	
			85	-2 2	3 53 15	
			95	-3 2	4 56 39	
			121	-5 8	5 63 28	
			160	-9 7	6 68° 58'	

Profile Notes Red ____ Plotted ____ Job No. 0300.01 Division No. 11
No. X-Sec. Date ____ Date ____ Survey of Fishermen's Division Survey
No. ____ Notes Chkd ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed H. F. OTT Date ____

F.B. 2808 Pg. 217

F.B. 2808 Pg. 218 Job No. 0301.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Blank

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76L-296 CE 307 11-58

76L298 307 Cdb 1-62

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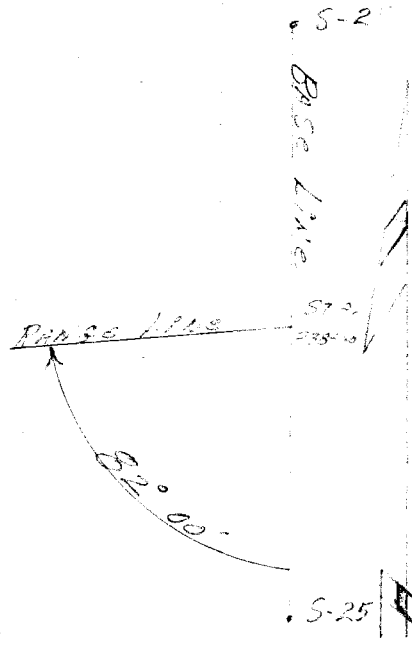
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	62°	00'			
338+00	S-25	08:12	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile Notes Red. ____ Plotted ____ Job No. 3[illegible] Division No. 1 F. B. 280[illegible] Pg. 21[illegible]

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

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

No. ____ Date ____ Date ____ Map No. ____ Index 41 E. OTT Date ____

F. B. 2808 PG. 220 | Job No. 2300.02 | Division No. 11 | Notes Red. | Plotted | Profile

Survey of Beach Erosion Studies | Date 1-13-62 | Date | No.

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

Indexed H. E. OTT | Date | Date | Date | No.

Inst. At (Don't Punch)	Sight On (Don't Punch)	Time (Don't Punch)	Angle No (Don't Punch)	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
338+00	5-25		21	52°	00'			
			22					
			23					
			24					
		08:11						

Do not extend notes this side of this line.

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726 Los Angeles County Engineering Bldg.

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76L298 307 Cdb 1-62

76L298 307 Cdb 1-62

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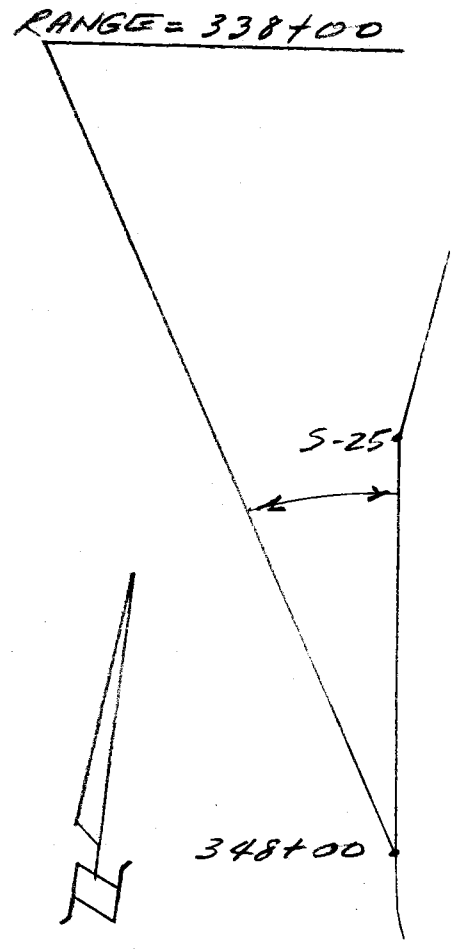
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
348+00	S-25	8:13	1	58.	00.			
			2	56.	31.			
			3	55.	12.			3380105
			4	54.	01.			
			5	52.	25.			
			6	51.	04.			3380106
			7	49.	35.			
			8	47.	53.			
			9	45.	54.			3380107
			10	43.	49.			
			11	41.	30.			
			12	39.	26.			3380108
			13	37.	00.			
			14	34.	24.			
			15	31.	30.			3380109
			16	29.	34.			
			17	27.	52.			
			18	25.	53.			3380110
			19	24.	13.			
			20	22.	07.			

over



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8300.02 Division No. 11 F. B. 2808 Pg. 221
X-Sec. No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Notes ____ Date 12-62
Map No. ____ Date ____ Indexed ____ Date ____
H. E. OTT

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Deg.	Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
348+00	5-25		21	20.	00.			3380111
			22	17.	53.			
			23	15.	17.			
		8:18	24	13.	10.			3380112
			25			82.	00.	
			26			00.	00.	
			27			00.	00.	3380113
						00.	00.	
						00.	00.	
						00.	00.	3380114

F. B. 2808 PG. 322

Job No. 0300002

Division No. 11

Survey of Beach Erosion Studies

Survey by Bay Notes Bazen

Indexed H. E. Ott Date

Plotted Date

Notes Red. Date

Notes Chkd. Date

Checked Date

Profile No.

X-Sec. No.

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		26 94				INSHORE
TP	+62	24 95	661	20 33		340 + 50
TBM # 3			1 67	23 28	TBM #3 EL = 23.28	
340 + 50						
					CONTROL	LINE
			49	20 0	T.B.	15° RT
			77	17 2	PARK	45° RT
			117	13 2		65° RT
TP	085	14 10	11 70	13 25	T.P. FOR SWIM PARTY	65 ± RT
			15	12 6		70
			45	9 6		90
T.P	226	6 81	9 55	4 55		122
			24	44		122 FT
					GUN AT S-24	SIGHT ON S-25
			48	20	1 21° 31'	
			65	03	2 23 24	
			72	-04	3 26 16	
			72	-04	4 29 00	
			82	-14	5 32 11	
			92	-24	6 36 11	
			115	-47	7 41 00	CONT. ON NEXT PG.

Profile Notes Red ____ Plotted ____ Job No. #300, et al Division No. 11
No. ____ X-Sec. ____ Date ____ Date ____ Survey of Section Stations
No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Map No. ____ Indexed ____ Notes Chkd. ____ Date ____ Date ____
H. E. OTT

F.B. 2808 PG. 223

F.B. 2808 Pg. 224 Job No. 0700.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed H. E. OTT Date _____ Date _____ Date _____ Date _____ No. _____

STATION	B.S.	H.I.	F.S.	ELEV.	
		681.			
			140	-72.	
			168	-100.	
					CONT.
					8 44° 50'
					9 48° 45'

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 Cdb 1-62

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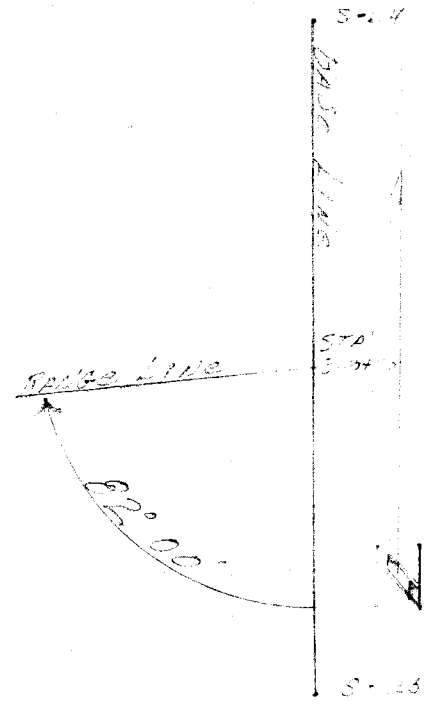
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	52°	00			
340+50	5-25	08:23	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile Notes Red. Plotted Job No. 2200.02 Division No. 11 F. B. 2806 Pg. 275

No. Date Date Survey of Studies

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

No. Date Date Map No. Index H. F. OTT Date

F. B. 2808 PG. 226 Job No. 03 20 02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Bend Erosion Studies Date 1-12-62 Date _____ No. _____ X-Sec.

Survey by Bay Notes Market Notes Chkd. _____ Checked _____

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
340+50	9-25		21	82°	00'			
			22					
			23					
			24					
			25					
			26					
		08:35						

Do not extend notes this side of this line.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L298 307 Cdb 1-62

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

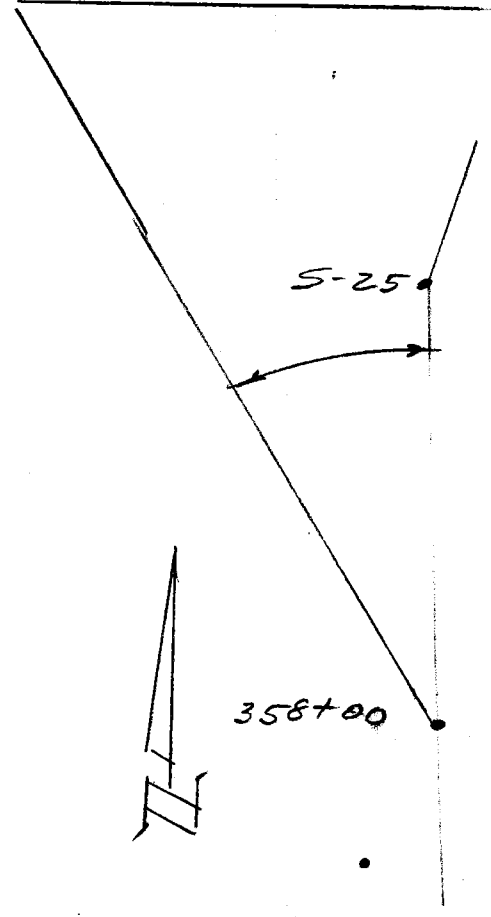
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
358+00	5-25	8:27	1	43.	38.			
			2	41.	55.			
			3	40.	45.			3405105
			4	38.	40.			
			5	37.	23.			
			6	35.	21.			3405106
			7	33.	36.			
			8	31.	41.			
			9	29.	54.			3405107
			10	27.	47.			
			11	25.	46.			
			12	23.	44.			3405108
			13	22.	02.			
			14	19.	48.			
			15	18.	39.			3405109
			16	17.	30.			
			17	16.	27.			
			18	15.	46.			3405110
			19	15.	07.			
			20	13.	51.			

over

RANGE = 340+50



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

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

Plotted ____ Date ____ Checked ____ Date ____

Job No. 23008 Division No. 11 Survey of BEACH EROSION STUDIES Survey by CAY Notes GREEN Date 1-12-62 Map No. ____ Indexed H F OTT Date ____

F. B. 28008 Pg. 227

76L298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
358+00	S-25		21	12.	53.			3405111
			22	12.	02.			
			23	10.	49.			
			24	09.	44.			3405112
			25	08.	28.			
		8:33	26	07.	45.			
				00.	00.			3405113
				00.	00.			
				00.	00.			
				00.	00.			3405114
						82.	00.	
						00.	00.	
						00.	00.	3405115
						00.	00.	
						00.	00.	
						00.	00.	3405116

F. B. 2308 Pg. 228 Job No. 030002 Division No. 11 Notes Red. Plotted. Profile
Survey of BEACH EROSION STUDIES Date Date X-Sec.
Survey by BAY Notes BAZEN Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.B.M. #3	147	24 75		23 28	T.B.M. #3 BF. SPK 1/2 M. OF SLY END OF WALL	INSHORE 343+00
T.P.	256	21 86	545	19 30		
			47	17 2	43 FT LEFT, TOE OF SLOPE	
			45	17 4	20 " "	
			30	18 9		
			29	19 0		8 FT RIGHT
			79	14 0		16 " "
			100	11 9		35 " "
			164	5 5		78 " "
T.P.	136	7 03	16 19	5 67		
					GUN AT S-24	SIGHT ON S-25
			54	1 6	1 9° 44'	
			74	-0 4	2 11 02	
			87	-1 7	3 12 35	
			70	0 0	4 14 09	
			87	-1 7	5 18 15	
			93	-2 3	6 21 40	
			115	-4 5	7 25 56	
			148	-7 8	8 31 09	
			170	-100	9 35° 35'	

Profile Notes Red. Plotted Job No. 030002 Division No. 11
No. X-Sec. Date Date Survey of BEACH EROSION STUDIES
No. Notes Chkd. Checked Survey by PRELIM NOTES Date 1-11-62
Date Date Map No. Indexed H. E. OTT Date
F. B. 2608 PG. 229

F. B. 2808 Pg. 230 | 0300.02

Job No. _____ Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

Survey by DREIER Notes G. E. D. Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Blank

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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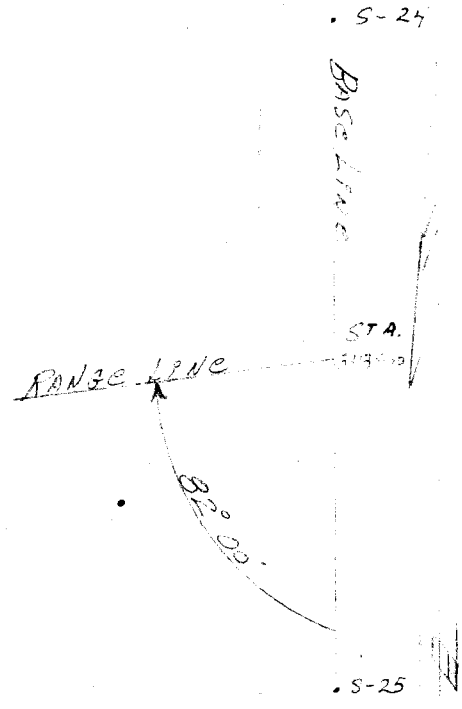
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	82°	00'	DEG.	MIN.	
343+00	S-25	08:45	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
		08:49	20					



Profile Notes Red. ____ Plotted ____ Job No. 3802 Division No. 1

No. ____ Date ____ Date ____ Survey of ____

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

No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2808 Pg. 231

F. B. 2808 PG. 232 Job No. 3002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Study Date 1-10-62 Date _____ No. _____

Survey by BM Notes MS 7/64 Notes Chkd. _____ Checked _____ X-Sec.

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
3467.00	5.00							

Do not extend notes this side of this line.

76L298 307 Cdb 1-62

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726 Los Angeles County Engineering Bldg.

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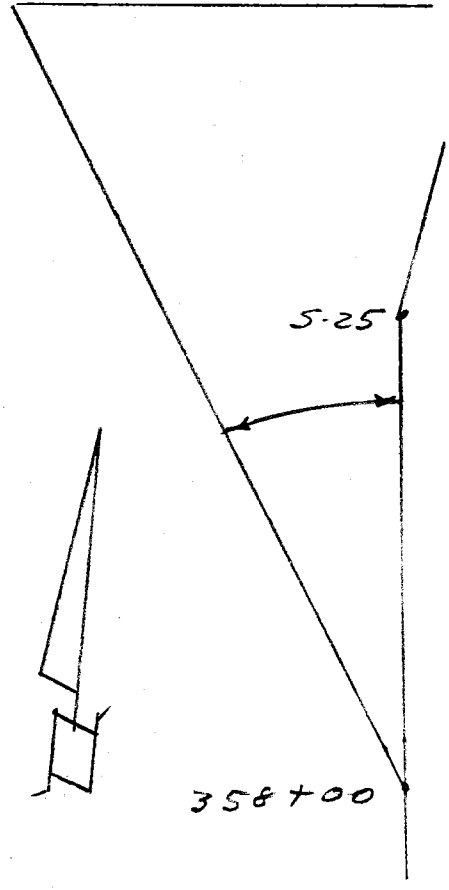
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
358+00	S-25	8:45	1	45.	52.			
			2	44.	19.			
			3	43.	00.			3430105
			4	41.	26.			
			5	39.	44.			
			6	37.	44.			3430106
			7	35.	23.			
			8	33.	50.			
			9	32.	10.			3430107
			10	29.	55.			
			11	28.	05.			
			12	25.	44.			3430108
			13	23.	26.			
			14	20.	54.			
			15	18.	00.			3430109
			16	15.	47.			
			17	13.	37.			
			18	12.	06.			3430110
			19	10.	17.			
		8:49	20	09.	02.			

OVER

RANGE = 343+00



Profile No. ____ Notes Red. ____ Plotted ____ Job No. C300,02 Division No. 11 F. B. 28608 Pg. 233

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

Survey by SAY Notes SAY Date 1-12-62

Map No. ____ Indexed H. E. OTT Date ____

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				00.	00.			3430111
				00.	00.			
				00.	00.			
				00.	00.			3430112
						82.	00.	
						00.	00.	
						00.	00.	3430113
						00.	00.	
						00.	00.	
						00.	00.	3430114

F. B. 2808 Pg. 234 Job No. 0300.02 Division No. 11 Notes Red. Plotted

Survey of BEACH EROSION STUDIES Date Date No.

Survey by BAY Notes BALEN Notes Chkd. Checked X-Sec.

Indexed Date Date Date No. Profile

76L-298 CE 307 11-58

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		21 86				IN SHORE
T.P.	490	17 78	898	12 88		348+00
348+00			52	12 6	CONTROL	LINE
			38	14 8	20° L. TOE Slope	
			82	9 6	MIDDLE BEACH	30° R.
			104	7 4		60° R.
T.P.	015	7 53	1040	7 38	T.P. FOR SWIM PARTY	60° R.
					GUN SET AT S-25 SIGHT ON S-26	
			32	4 3	1 12° 08	
			65	1 0	2 16 40	
			77	-0 2	3 20 06	
			86	-1 1	4 25 39	
			95	-2 0	5 32 57	
			119	-4 4	6 40 48	
			174	-9 9	7 48° 52'	

Profile No. X-Sec. No.
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Job No. 0305.02
Division No. 11
Survey of BEACH FILL STUDIES
Survey by
Notes
Map No.
Index H. E. OTT
Date
F.B. 2808 Pg. 235

F.B. 2808 Pg. 236 | Job No. 0300.02 | Division No. 11 | Notes Red | Plotted | Profile

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

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

Indexed | Date | Date | Date | No.

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

Blank

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78L-298 CE 307 11-58

76L298 307 Cdb 1-62

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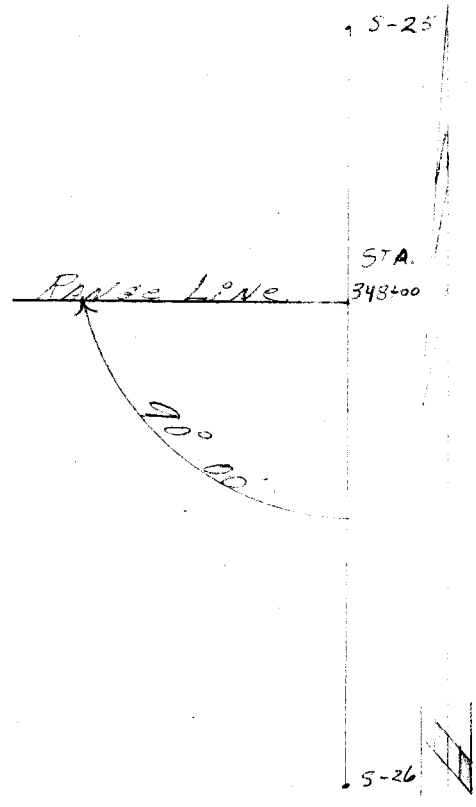
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
238+00	S-26	09101	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile Notes Red. ____ Plotted ____ Job No. 2800 Division No. 1 F. B. 2808 Pg. 237

No. ____ Date ____ Date ____ Survey of Beach Erosion Studies

X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 1/12

No. ____ Date ____ Date ____ Map No. ____ Index H. F. OTT Date ____

F. B. 2808 PG. 238 | Job No. 03002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Studies Date 1-12-62 Date _____ No. _____

Survey by Ray H. E. OTT Notes Mathet Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

761298 307 Cdb 1-62

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Do not extend notes this side of this line.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
348+00	5-26	08:05	21	80°	00'			

76L298 307 Cdb 1-62

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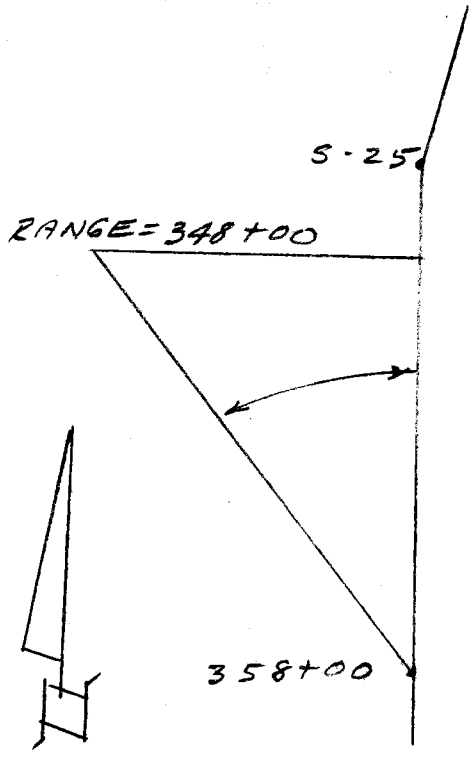
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
358+00	5-25	9:01	1	56.	37.			
			2	54.	22.			
			3	52.	50.			3480104
			4	51.	11.			
			5	49.	12.			
			6	47.	25.			3480105
			7	45.	10.			
			8	42.	50.			
			9	40.	21.			3480106
			10	37.	31.			
			11	35.	35.			
			12	34.	25.			3480107
			13	32.	14.			
			14	30.	24.			
			15	28.	30.			3480108
			16	26.	06.			
			17	24.	16.			
			18	22.	17.			3480109
			19	20.	31.			
			20	17.	54.			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 03000.02 Division No. 11 F. B. 2808 PG. 239
X-Sec. No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 1-12-62
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

over

76L298 307 Cdb 1-62

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
358+00	5-25	9:05	21	16.	47.			3480110
				00.	00.			
				00.	00.			
				00.	00.			3480111
						90.	00.	
						00.	00.	
						00.	00.	3480112
						00.	00.	
						00.	00.	
						00.	00.	3480113

F. B. 2808 Pg. 240 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile
Survey of BEACH EROSION STUDIES Date Date No. X-Sec.
Survey by BAY Notes BAZEN Notes Chkd. Checked
Indexed H. E. OTT Date Date No.

76L-298 CE 307 11-58

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		17 78				INSIGNIA
	481	18 45	414	13 64		~~3 152~~ 353+00
			52	13 2	CONTROL	LINE
			46	13 8	5° L. B. BANK	
			99	9 5	MIDDLE BEACH	30° R.
			115	6 9		60° R.
TP.	009	7 04	1150	6 95	T.P. FOR SWIM PARTY	60° R.
					GUN AT 348+00	SIGHT ON S-26
			30	4 0	① 8° 54'	
			58	1 2	2 11 40	
			66	0 4	3 13 13	
			78	-08	4 14 43	
			67	+0 3	5 16 20	
			77	-07	6 18 16	
			79	-09	7 21 25	
			84	-14	8 24 14	
			97	-27	9 28 25	
			115	-45	10 32 40	
			136	-66	11 36 25	
			159	-89	12 39 51	
			175	-105	13 42 09	

Profile No. ~~X-Sec.~~ Notes Red. Plotted Job No. 07200.02 Division No. 11 F.B. 2808 Pg. 244
Date Date Date Survey of BEACH EROSION STUDY
~~Notes Chkd.~~ ~~Checked~~ ~~Survey by~~ ~~Notes~~ ~~Date~~ 1-11-66
No. Date Date Map No. Indexed H. E. OTT Date

F. B. 2808 PG. 242 Job No. 03000.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Blank

761-298 CE 307 11-58

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76L298 307 Cdb 1-62

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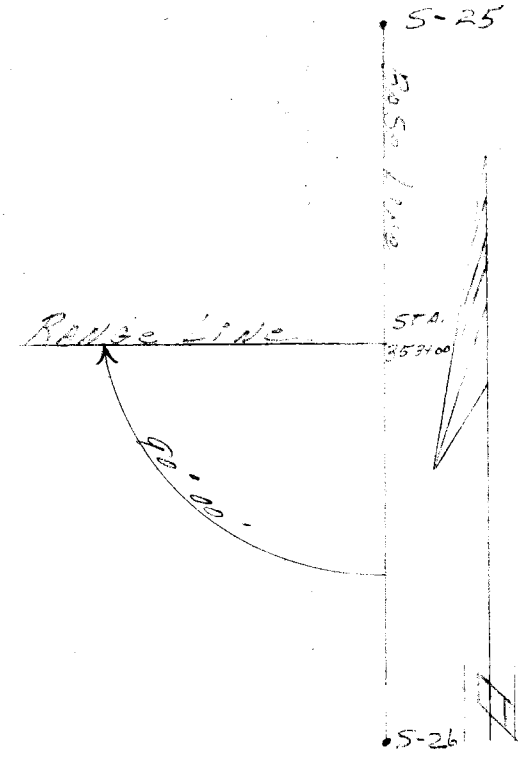
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	90°	00'			
3534.00	S-26	09:20	1					
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile Notes Red. Plotted Job No. 2300 Division No. 1 F. B. 3606 Pg. 273

No. Date Date Survey of Base Line Stations

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

No. Date Date Map No. Indexed H. E. OTT Date

F. B. 2808 PG. 244 | Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Studies Date 1-12-62 Date _____ No. _____

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

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

761298 307 Cdb 1-62

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

Do not extend notes this side of this line.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
353+00	5-26		21	90°	00'			
		09:24	22	~	~			

76L298 307 Cdb 1-62

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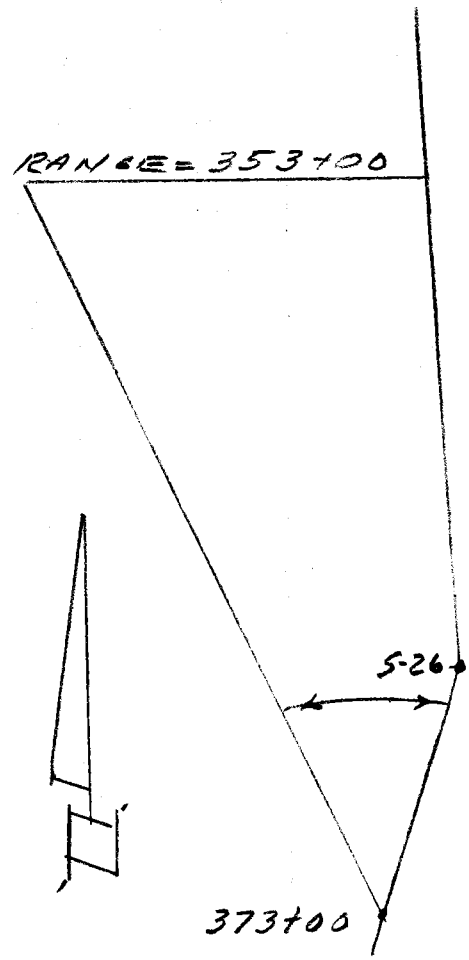
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Deg.	Range Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
373+00	5-26	9:20	1	44.	45.			
			2	43.	19.			
			3	41.	27.			3530105
			4	39.	53.			
			5	38.	31.			
			6	37.	06.			3530106
			7	35.	10.			
			8	33.	15.			
			9	31.	51.			3530107
			10	29.	55.			
			11	27.	40.			
			12	26.	11.			3530108
			13	24.	18.			
			14	22.	50.			
			15	21.	40.			3530109
			16	20.	07.			
			17	18.	55.			
			18	18.	05.			3530110
			19	17.	00.			
			20	16.	15.			

over



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0301.02 Division No. 11 F. B. 28808 Pg. 245

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

Notes Chkd. ____ Checked ____ Survey by BAY Notes Taken Date 1-12-61

Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

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Do not extend notes this side of this line.

Inst. At (Don't Punch)	Sight On (Don't Punch)	Time (Don't Punch)	Angle No (Don't Punch)	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
373+00	S-26		21	15.	00.			3530111
		9:24	22	14.	12.			
				00.	00.			
				00.	00.			3530112
				00.	00.			
				00.	00.			
				00.	00.			3530113
						90.	00.	
						00.	00.	
						00.	00.	3530114
						00.	00.	
						00.	00.	
						00.	00.	3530115

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red ____ Date ____ Notes Chkd. ____ Date ____

Division No. 11 Job No. 0300.02

Survey of BEACH EROSION STUDIES

Survey by BAY Notes BAZEN

Indexed H. E. OTT Date ____

F. B. 2808 PG. 296

76L-298 CE 307 11-58

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		18.45				INSHORE
T.P.	5.27	19.60	4.12	14.33		358+00
			5.2	14.4	CONTROL	LINE
			2.2	17.4	35' L B. BANK	
			9.1	10.5	MIDDLE BENCH	30 R.
			11.8	7.8		60 R.
T.P.	0.15	7.95	11.80	7.80	T.P. FOR SWIM PARTY	60 R.
					GUN SET AT 353+00 SIGHT ON S-26	
			2.2	5.68	1 8° 40'	
			6.1	1.9	2 10 17	
			8.5	-0.5	3 12 44	
			10.0	-2.0	4 15 19	
			7.8	0.2	5 17 43	
			9.2	-1.2	6 22 28	
			9.8	-1.8	7 25 58	
			11.6	-3.6	8 30 14	
			13.1	-5.1	9 33 58	
			15.2	-7.2	10 37 00	
			17.3	-9.3	11 39° 56'	

Profile No. ____ Notes Red ____ Plotted ____ Job No. C 300.02 Division No. 11 F.B. 2808 Pg. 247
Before No. ____ Date ____ Notes Checked ____ Date ____ Checked ____ Date ____ Survey of BEACH EROSION STUDIES Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Index H. F. OTT Date ____

F. B. 2808 PG. 248

Job No. 0360.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

761-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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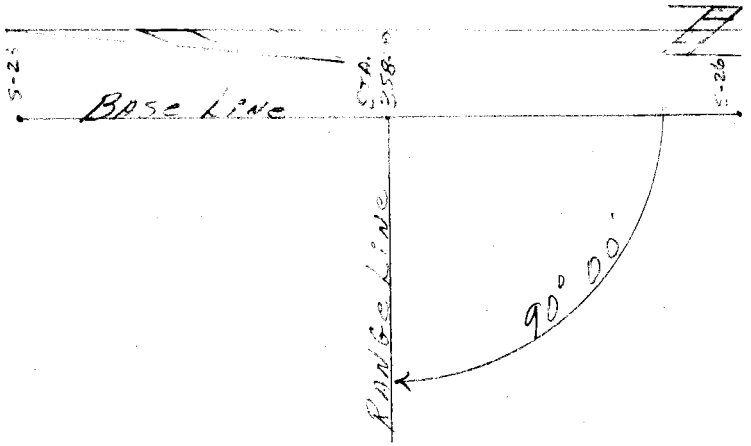
Profile No.	Notes Red.	Plotted	Job No. 03ec22	Division No. 11	F. B. 2806 Pg. 249
	Date	Date	Survey of Beach Erosion Study		
X-Sec. No.	Notes Chkd.	Checked	Survey by Lay	Notes	Date
	Date	Date	Map No.	Indexed H. E. OTT	Date



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

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
[illegible]	[illegible]	09:36	1	[illegible]	00'			
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					

761298 307 Cdb 1-62

F. B. 2808 PG. 250 | Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Ferry Road Bridge Date 1-18-62 Date _____ No. _____

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

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
358+00	5-26		21	4	4			
		08:39						

Do not extend notes this side of this line.

76L298 307 Cdb 1-62

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726 Los Angeles County Engineering Bldg.

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

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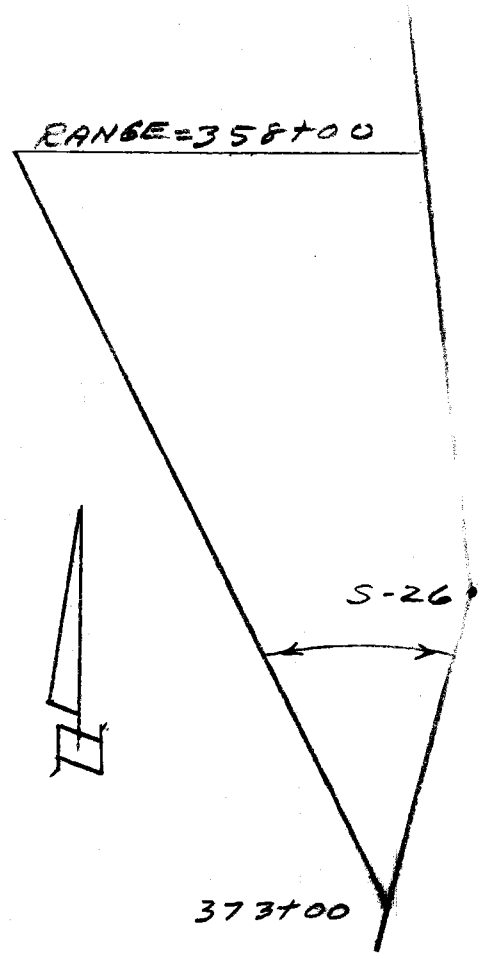
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
373+00	S-26	9:36	1	52.	00.			
			2	51.	07.			
			3	50.	00.			3580105
			4	48.	00.			
			5	46.	25.			
			6	45.	00.			3580106
			7	43.	00.			
			8	41.	00.			
			9	38.	53.			3580107
			10	36.	40.			
			11	34.	26.			
			12	32.	05.			3580108
			13	30.	10.			
			14	28.	30.			
			15	26.	48.			3580109
			16	25.	10.			
			17	23.	09.			
			18	21.	58.			3580110
			19	19.	42.			
			20	18.	22.			

over



Profile
Notes Red. Plotted
No. Date Date
X-Sec. Notes Chkd. Checked
No. Date Date
Job No. 030902 Division No. 11
Survey of BEACH EROSION STUDIES
Survey by RAP Notes BAZEN Date 1-12-62
Map No. Indexed H. E. OTT Date
F. B. 2808 Pg. 251

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
		9:39	21	16.	27.			3580111
				00.	00.			
				00.	00.			
				00.	00.			3580112
						90.	00.	
						00.	00.	
						00.	00.	3580113
						00.	00.	
						00.	00.	
						00.	00.	3580114

F. B. 2808 PG. 252 Job No. 03002 Division No. 11 Notes Red. Plotted Profile No.

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

Survey by H. E. OTT Notes BALEN Notes Chkd. Checked

Indexed Date Date

Notes Ck'd by	Survey of Beach Erosion Studies
Map No.	JN 2300.02 Tape Std °F
Office Work K.A.C.	Surveyed by
Checked	Notes Date
Date	Indexed H. E. OTT

F. B. 2808 PG. 253

TIDE GAUGE READINGS

JAN. 10, 1962

DATUM-M.L.L.W.

TIME-P.S.T.

TIME P.S.T.	GAUGE READING M.L.L.W.
5:30 AM	24
6:00	24
6:30	25
7:00	27
7:30	30
8:00	33
8:30	37
9:00	40
9:30	43
10:00	47
10:30	495
11:00	51
11:30	52
12:00 N	51
12:30 PM	49
1:00	47
1:30	43

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

Do not extend this side of this line.

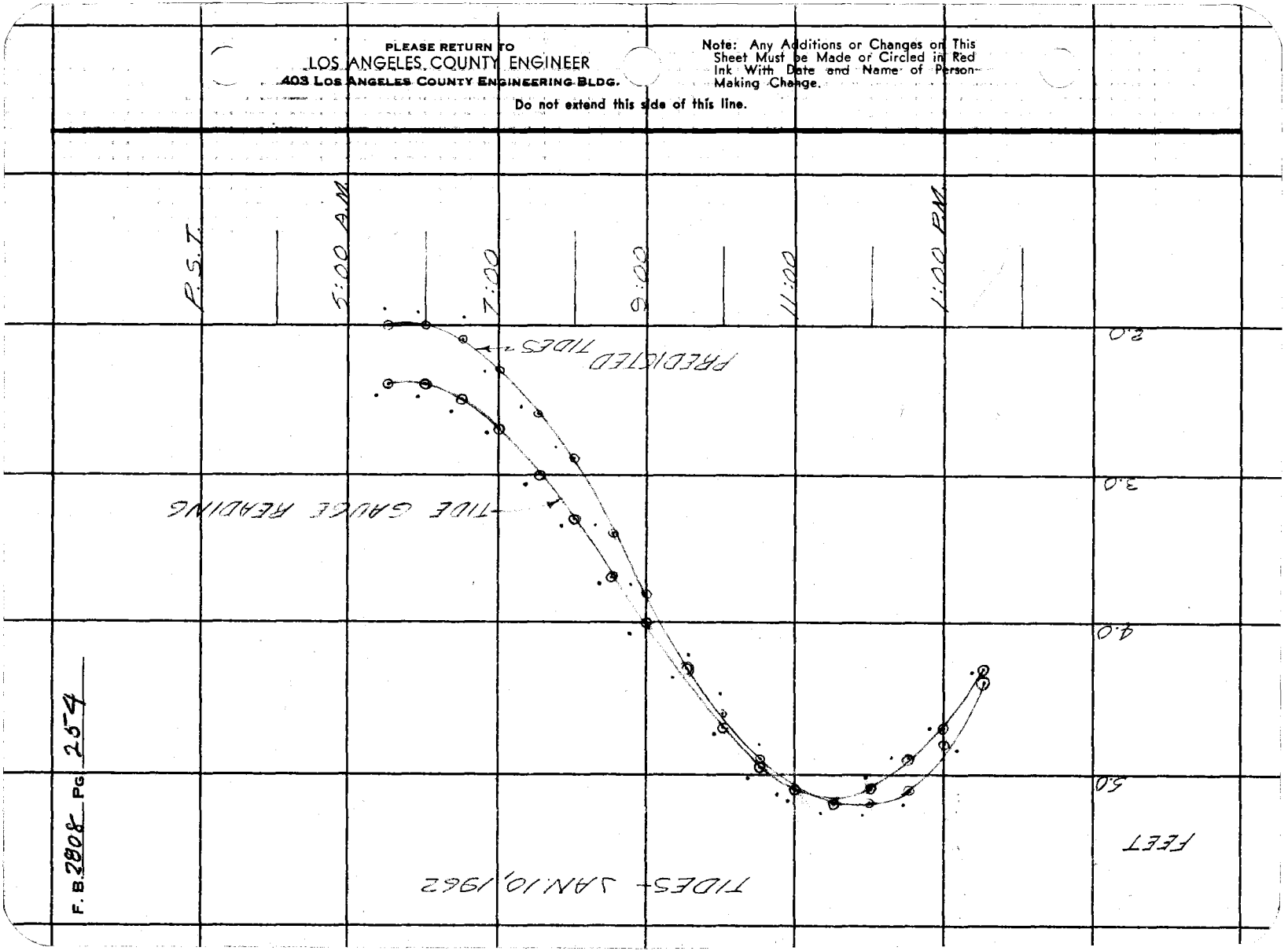
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

78F308S CE # 310 3-61

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

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

Do not extend this side of this line.



F. B. 2808 PG 2574

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

Survey of Beach Erosion Studies
JN 0300.02 Tape Std °F
Surveyed by
Notes Date
Indexed H. E. OTT

F. B. 2808 PG. 255

TIDE GAUGE READINGS

JAN. 11, 1962

DATUM - M.L.L.W

TIME - P.S.T.

TIME P.S.T.	GAUGE READING M.L.L.W.
5:30 A.M.	21
6:00	20
6:30	19
7:00	18
7:30	19
8:00	20
8:30	22
9:00	25
9:30	29
10:00	31
10:30	335
11:00	36
11:30	38
12:00 N.	40
12:30 P.M.	40
1:00	40
1:30	38

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

Do not extend this side of this line.

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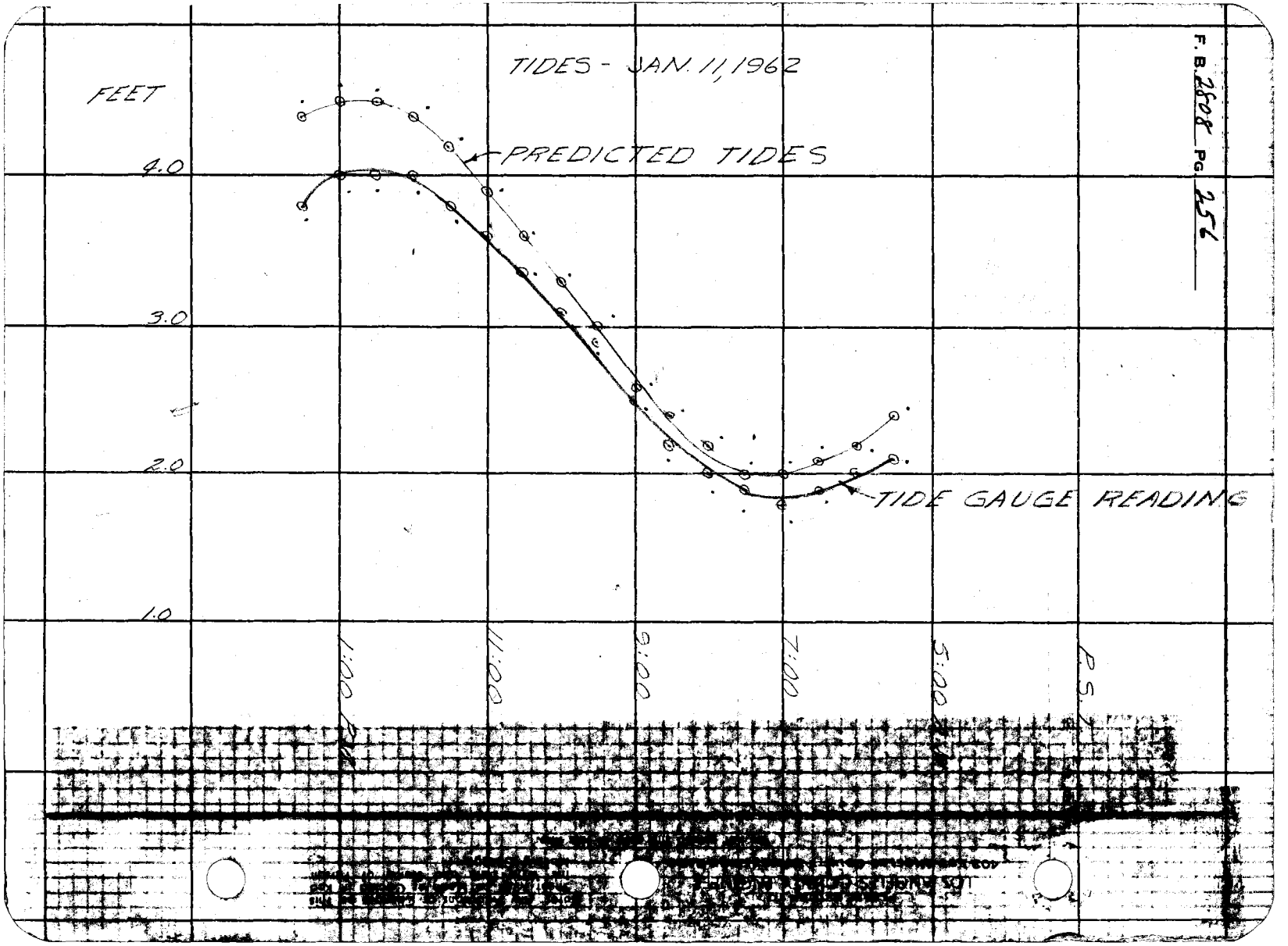
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

78F3008 CE # 310 3-61


TIDES - JAN. 11, 1962
FEET
4.0
3.0
2.0
1.0
PREDICTED TIDES
TIDE GAUGE READING
1:00
11:00
9:00
7:00
5:00
P.S.
F.B. 2608 PG. 256