J.N. 0300.02

BEACH EROSION STUDIES

OF

REDONDO-CLIFTON BEACH

FROM STATION 294+65

TO STATION 430+19

NOTE: All time recorded on this job were Pacific Standard Time.

The datum of MLLW was used for all elevations.

AUGUST 1962

BOAT PARTY	SHORE PARTY
Lind	Brooks
Bazen	Maldonado
Shoemaker	Cook
Foulger	Martinez
Valdez	Beck
Huckaby	Merritt
Mather	Stidham
Rodriguez R.R.	
Rodriguez R.J.	
MCKnight	
Masuda	
Ohashi	

microfilmed. March 85.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE IN CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.
Return to LOS ANGELES COUNTY ENGINEER
403 Hall of Records, County Engineer's Office
70-296 CE-207 3-61

F. B. 2811 PG. 6 | Job No. 2300.02 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.	

76-L298 CE 307 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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

76L-298 S & E #307—1-56

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.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	294+65	Inshore
S-19	5 44	27 00		21 56	S-19 Elev. 21.565	F.B. 2100-159
T.P.	4 09	24 43	6 66	20 34		
T.P.	4 79	24 06	5 16	19 27		
T.P.	4 97	24 58	4 45	19 61		
T.P.	2 67	15 02	12 03	12 55		
T.P.	3 11	12 69	5 44	9 56		
					TC 300+35 sight @	2+T Prod on upper Deck N of S-17 FB 2100-239
			+61	18 8	6° 24'	Top of Bank
			93	3 4	7° 19'	Bot of Bank
			13	3 4	9° 54'	Water
			100	[illegible]	10° 27'	"
			118	0 9	13° 12'	"
			138	-2 4	17° 32'	"
			170	-4 3	23° 01'	"
			174	-4 7	27° 15'	"
			190	-6 3	30° 55'	"

Profile Notes Red. Plotted Job No. Division No.
No. X-Sec. Date Date Survey of Notes
Notes Chkd. Checked Survey by Date 9-28-62
Date Map No. Inspector Date
F. B. 2011 Pg. 7

F. B. 2811 Pg. 9 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. _____

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

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-293 S & E #307—1-56

76L298 307 Cdb 1-62

PLEASE RETURN TO

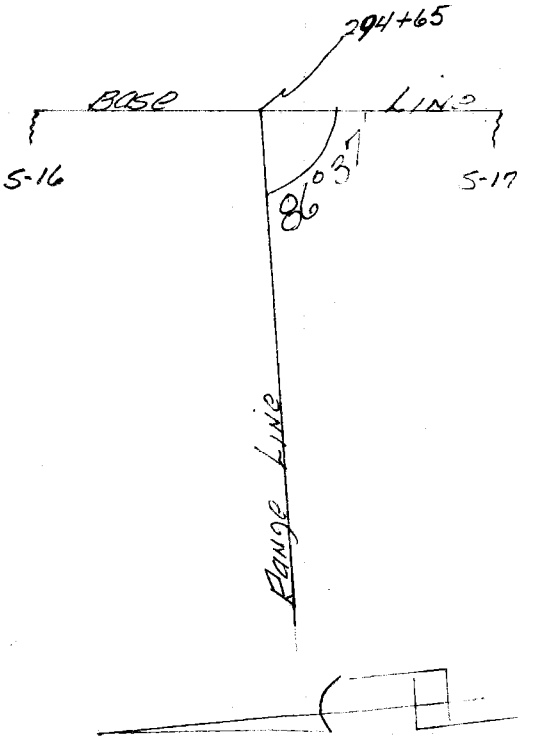
LOS ANGELES COUNTY SURVEYOR

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.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
294+65	5-17	6:40	1	86°	37'			
			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. F. B.

No. Date Date Survey of Notes Date

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

No. Date Date Map No. Indexed C. J. GALL Date

Pg.

F. B. 2811 PG. 10 | Job No. 0300.02 | Division No. 11 | Notes Red. | Plotted | Profile

Survey of Beach EROSION | Date | Date | No.

Survey by C-K-Lind | Notes R.J. Radrigues | Notes Chkd. | Checked | X-Sec.

Indexed C. J. GALLI | 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.
3944.65	5-12		21	86°	31'			
			22					
			23					
			24					
			25					
		6:44	26					

76L298 307 Cdb 1-62

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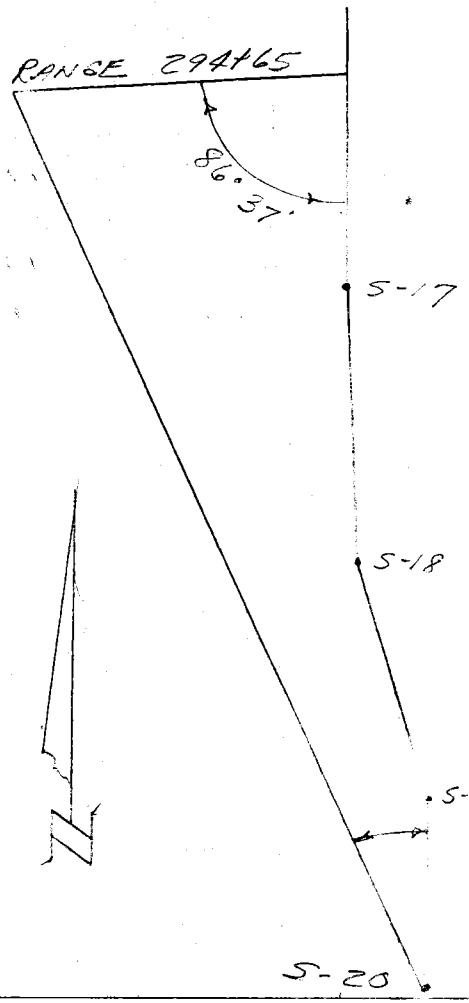
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
5-20	5-19	6:40	1	55.	37.			
			2	53.	45.			
			3	52.	15.			2946606
			4	50.	45.			
			5	49.	12.			
			6	47.	40.			2946607
			7	46.	12.			
			8	44.	45.			
			9	43.	05.			2946608
			10	41.	07.			
			11	39.	10.			
			12	37.	29.			2946609
			13	35.	43.			
			14	33.	40.			
			15	32.	16.			2946610
			16	30.	27.			
			17	28	32			
			18	26	45			2946611
			19	25	15			
			20	23	15			



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

No. ____ Date ____ Date ____ Survey of ____ Date ____

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

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL 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	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					
			21	21	35			2946612
			22	20	05			
			23	19	24			
			24	18	32			2946613
			25	17	33			
		6:44	26	16	30			
			27	00	00			2946614
				00	00			
				00	00			
				00	00			2946615
						86	37	
						00	00	
						00	00	2946616
						00	00	
						00	00	
						00	00	2946617

F. B. 2811 Pg. 12 Job No. 23002 Division No. 11 Notes Red. Plotted. Profile

Survey of BE. STUDIES (REDONDO) Date Date No. X-Sec.

Survey by LIND Notes Hucsaby Notes Chkd. Checked.

Indexed C. J. GALLI Date Date Date No.

76L-298 S & E #307—1-56

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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	S. S.	H. I.	F. S.	ELEV.	296+65 Inshore	
		12 69				
					TC 300+86 Sight @ LET Prod on Upper Deck Not S-17 FB. 2100-2	
			+65	19 2	4° 50'	Top of bank
			103	2 4	9° 05'	Bot of bank
			132	-0 5	19° 48'	Water
			145	-1 8	24° 32'	"
			175	-4 8	30° 09'	"
			10[illegible]	-6 3	34° 37'	"

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

F. B. [illegible] Pg. [illegible]

F. B. 2811 Pg. 14

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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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.

76L-299 B & E #307—1-56

76L298 307 Cdb 1-62

PLEASE RETURN TO

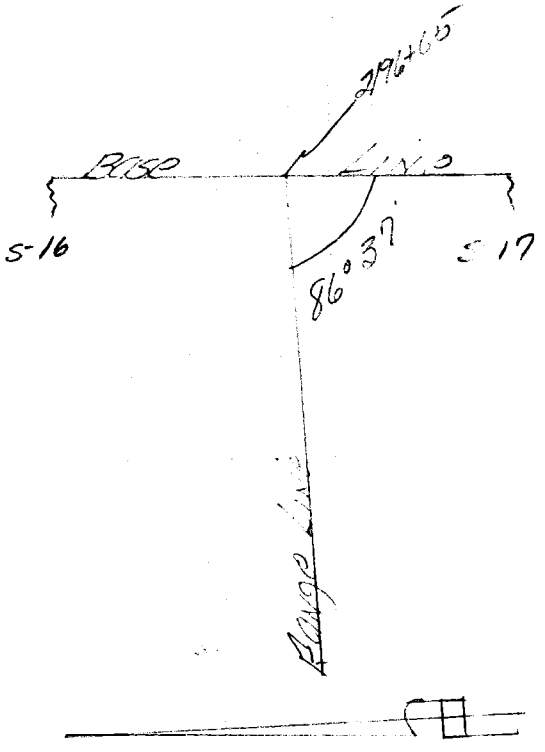
LOS ANGELES COUNTY SURVEYOR

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. #1

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					
296+65	5-17	7:13	1	86°	37'			
			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. 6300 Division No. 4 F. B. Pg.

No. Date Date Survey of BASE LINE EXTENSION Date 1962

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

No. Date Date Map No. Indexed C. J. GALL Date

F. B. 2811 PG. 14 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of Beach Erosion Date Date No.

Survey by E-K-Ind Notes RJ Rodriguez Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI 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.
RJ Rodriguez	S-17		21	360	37'			
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
			35					
			36					
			37					
			38					
			39					
			40					

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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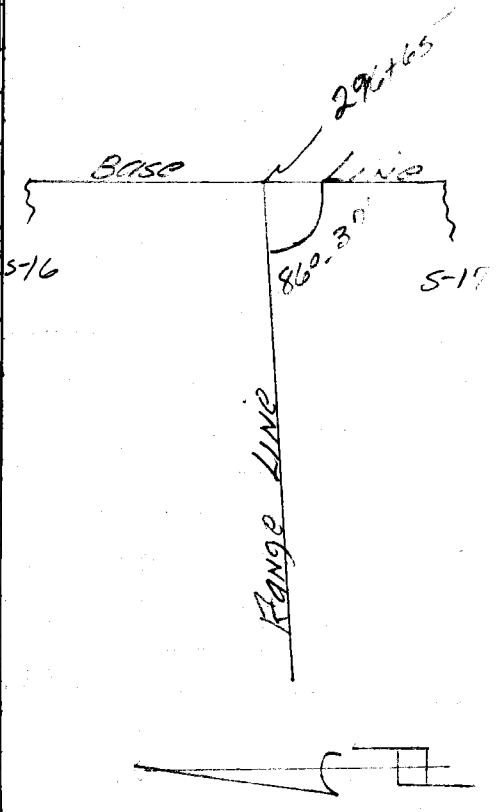
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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. I 2

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					
296+65	S-17		41	86°	37'			
			42					
			43					
			44					
			45					
			46					
			47					
			48					
			49					
			50					
			51					
			52					
			53					
			54					
			55					
			56					
			57					
		7:23	58					



Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 4 F. B. 2411 Pg. 17

No. ____ Date ____ Date ____ Survey of BOND EXTENSION

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

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F. B. 2011 Pg. 18 | Job No. 030002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of BEACH EROSION Date _____ Date _____ No. _____

Survey by C. KLIND Notes RODRIGUEZ 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.

Do not extend notes this side of this line.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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761298 307 Cdb 1-62

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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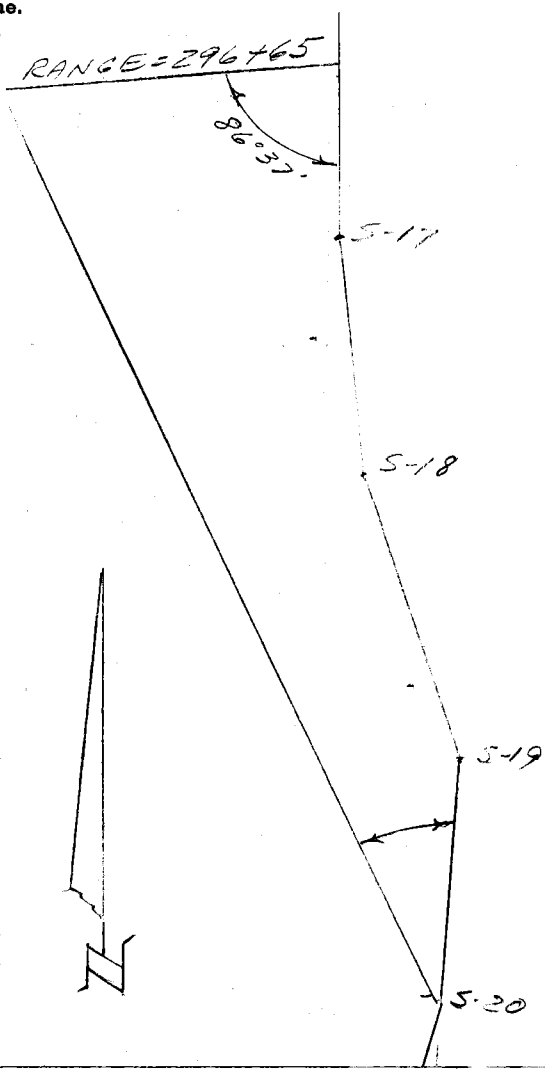
Do not extend notes this side of this line.

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-20	S-19	7:12	1	83	16			
			2	82	52			
			3	82	37			2966609
			4	82	13			
			5	81	46			
			6	81	13			2966610
			7	80	35			
			8	80	00			
			9	79	15			2966611
			10	78	35			
			11	78	00			
			12	77	31			2966612
			13	76	26			
			14	75	30			
			15	74	28			2966613
			16	73	43			
			17	72	52			
			18	72	03			2966614
			19	71	02			
			20	70	02			



Profile Notes Red.____ Plotted____ Job No. 03266.02 Division No. 11 F. B. ____ Pg. ____

No.____ Date____ Date____ Survey of BE STREET (REDONDO)

X-Sec. Notes Chkd.____ Checked____ Survey by LAND Notes____ Date 8-28-68

No.____ Date____ Date____ Map No.____ Indexed C. J. GATTI 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					
			21	69	12			2966615
			22	68	10			
			23	67	12			
			24	66	07			2966616
			25	64	39			
			26	63	12			
			27	62	05			2966617
			29	60	50			
			29	59	45			
			30	59	05			2966618
			31	58	00			
			32	56	50			→19
			33	55	20			2966706
			34	53	45			
			35	52	35			
			36	52	50			2966707
			37	48	46			
			38	47	14			
			39	45	20			2966708
			~~40~~	~~43~~	~~35~~			

F. B. 2811 Pg. 20 Job No. 22032 Division No. 11 Notes Red. Plotted
Survey of BE STUDIES (REDONDO) Date Date No.
Survey by LIND Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Profile
Notes Huckaby

Profile No.	Notes Red.	Plotted	Job No. 030004	Division No. 11	F. B. [illegible]	Pg. 21	
	Date	Date	Survey of B.E. STUDIES (REDONDO)				
X-Sec. No.	Notes Chkd.	Checked	Survey by [illegible]	Notes [illegible]	Date [illegible]		
	Date	Date	Map No.	Indexed	Date		

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

OVER

76L298 307 Cdb 1-62

76L298 307 Cdb 1-62

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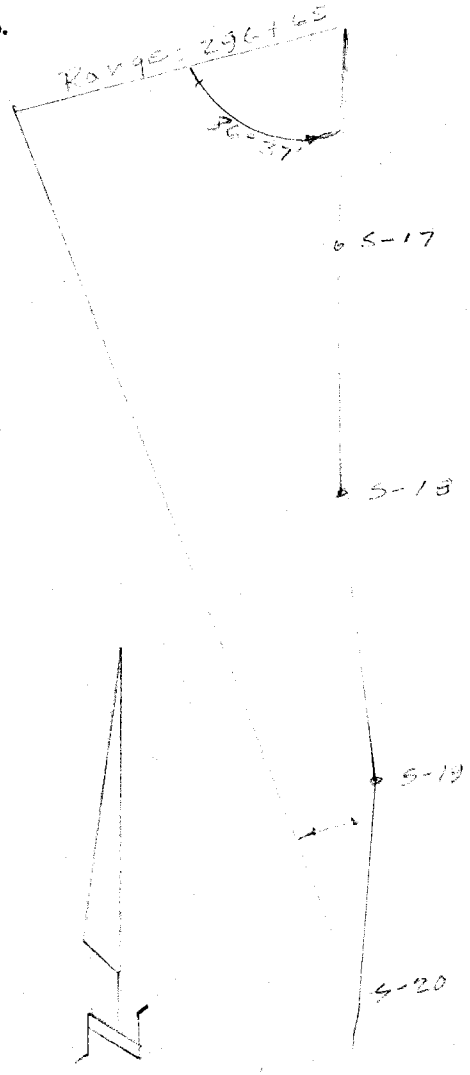
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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. 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					
			40	43	35			
S-20	S-19		41	41	32			
			42	39	47			2966709
			43	38	04			
			44	36	30			
			45	35	12			2966710
			46	33	40			
			47	32	12			
			48	30	20			2966711
			49	28	30			
			50	27	47			
			51	25	40			2966712
			52	23	27			
			53	22	27			
			54	21	00			2966713
			55	19	40			
			56	18	14			
			57	17	05			2966714
		7:23	58	16	12			
				00	00			
				00	00			2966715



F. B. 2911 Pg. 72 Job No 2208.02 Division No. 11 Notes Red. Plotted Profile
Survey of BE STUDIES (REDONDO) Date No. X-Sec.
Survey by LIND Notes Hucl c.by Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

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.	298+65 Inshore	
		12 69 ✓				
					T.P. @ 300+86 Sight @	L+T Rod on upper Deck N of S-17 F.B. 2100-2
				17 9		
			+72	~~17 9~~	2° 47'	Top of bank
			10 2	25 ✓	10° 53'	Bot of bank
			11 6	11 ✓	15° 57'	Water
			12 7	00 ✓	27° 40'	"
			14 0	-13 ✓	37° 21'	"
			15 4	-29 ✓	44° 07'	"
			16 5	-58 ✓	51° 42'	"
T.P.			3 40	8 99 ✓		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2[illegible] Division No. [illegible] F. B. 2[illegible] Pg. 2[illegible]

X-Sec. No. ____ Date ____ Date ____ Survey of HEALH [illegible] 2nd [illegible]

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Notes ____ Date ____

Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 24

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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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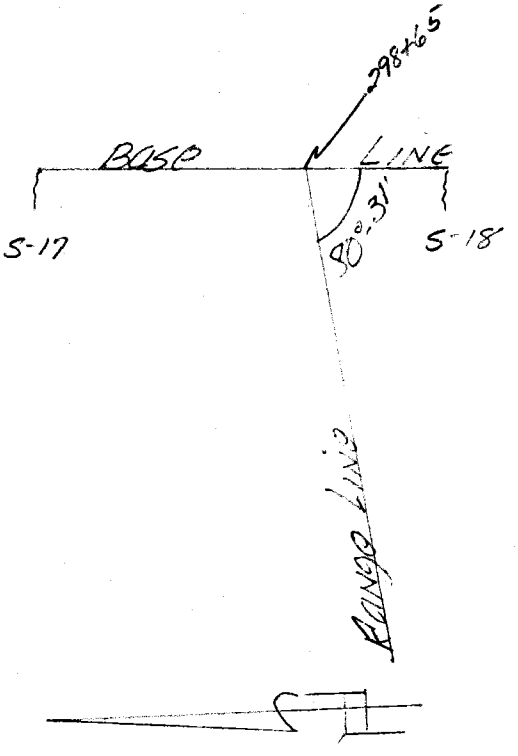
LOS ANGELES COUNTY SURVEYOR

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					
298+65	5-18	7:46	1	80°	31'			
			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. 11 F. B. Pg. 75

No. Date Date Survey of BEACH EROSION Notes

X-Sec. Notes Chkd. Checked Survey by Notes Date 9-28-62

No. Date Date Map No. Indexed C. J. GALL Date

0300 02

F. B. 2811 Pg. 76 | Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of Beach EROSION Date Date No.

Survey by LND-C-K Notes Rodriguez R.S. Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI 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.
28+45	S-18		21	29°	31'			
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
			35					
			36					
			37					
		2:33	38					

76L298 307 Cdb 1-62

PLEASE RETURN TO
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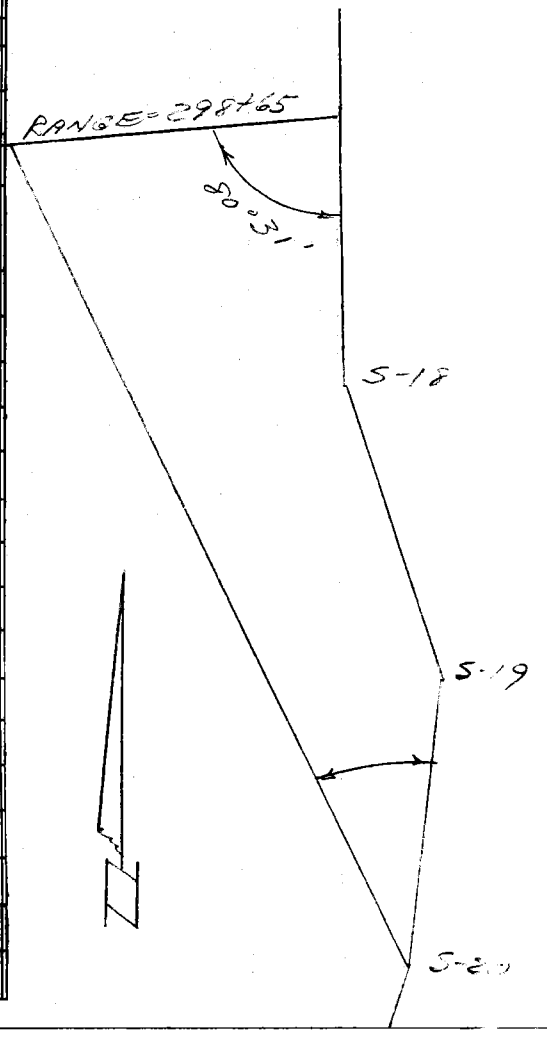
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
S-20	S-19	7:45	1	75	07			
			2	74	15			
			3	73	07			2986606
			4	72	15			
			5	71	07			
			6	70	15			2986607
			7	69	05			
			8	68	00			
			9	67	25			2986608
			10	66	00			
			11	64	40			
			12	63	40			2986609
			13	62	00			
			14	60	20			
			15	58	30			2986610
			16	56	45			
			17	54	30			
			18	52	27			2986611
			19	50	05			
			20	47	57			



Profile Notes Red. Plotted. Job No. Division No. 11 F. B.
No. Date Date Survey of BE 27 WHITE PINE (DESIGN) Pg.
X-Sec. Notes Chkd. Checked Survey by Notes Date
No. Date Date Map No. Indexed C. J. GALLI 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. 2811 Pg. 78 Job No. 030.02 Division No. 11 Notes Red. Plotted Profile

Survey of B.E. STUDIES (REDONDO) Date Date No.

Survey by LIND Notes Hu elc a by Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI Date Date Date No.

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					
			21	45	47			2986612
			22	43	50			
			23	41	47			
			24	40	32			2986613
			25	37	55			
			26	36	00			
			27	33	40			2986614
			28	31	45			
			29	29	35			
			30	27	35			2986615
			31	25	07			
			32	23	09			
			33	21	07			2986706
			34	19	32			
			35	13	09			
			36	17	16			2986707
			37	16	20			
			38	15	27			
		7:56	39	14	45			2986708
			40					

76L-298 S & E #307—1-56

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.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	300+65	Inshore
T.P.	8.70	17.69		8.99		
T.P.	1.50	7.21	11.68	6.01		
					TO 294+65 sight @	Range line on pipe & Turn Rec. & for Bk. PB 21 11-23
			+125	19.7	3° 28'	Top of bank
			44	2.6	6° 33'	bot of bank
			62	1.9	11° 03'	Water
			75	-0.3	14° 17'	"
			101	-2.9	20° 17'	"
			138	-6.6	23° 58'	"
			150	-7.8	24° 42'	"

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F. B. 381 Pg. 10

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

No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 30

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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.

76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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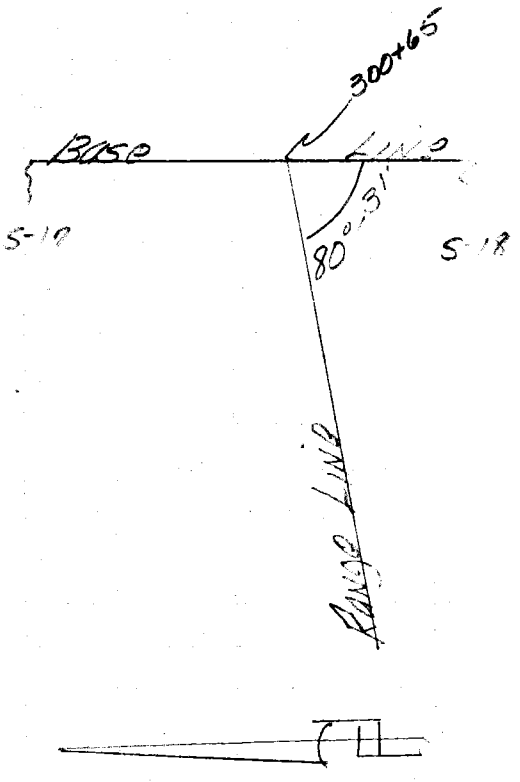
LOS ANGELES COUNTY SURVEYOR

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					
300+65	5-18	8 26	1	80°	31'			
			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. 11 F. B. ____ Pg. ____

No. ____ Date ____ Date ____ Survey of BASE LINE EXTENSION

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

No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GAULL Date ____

0300.02

F. B. 2811 Pg. 32 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION Date Date No.

Survey by C.K. LIND Notes R.J. Rodriguez Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI Date Date Date No.

761.298 307 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 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.	For Office Use Only Range Line Min.	For Office Use Only Card No.
300+65	S-18		21	80°	31'			
			22					
			23					
			24					
			25					
		8:32	26					

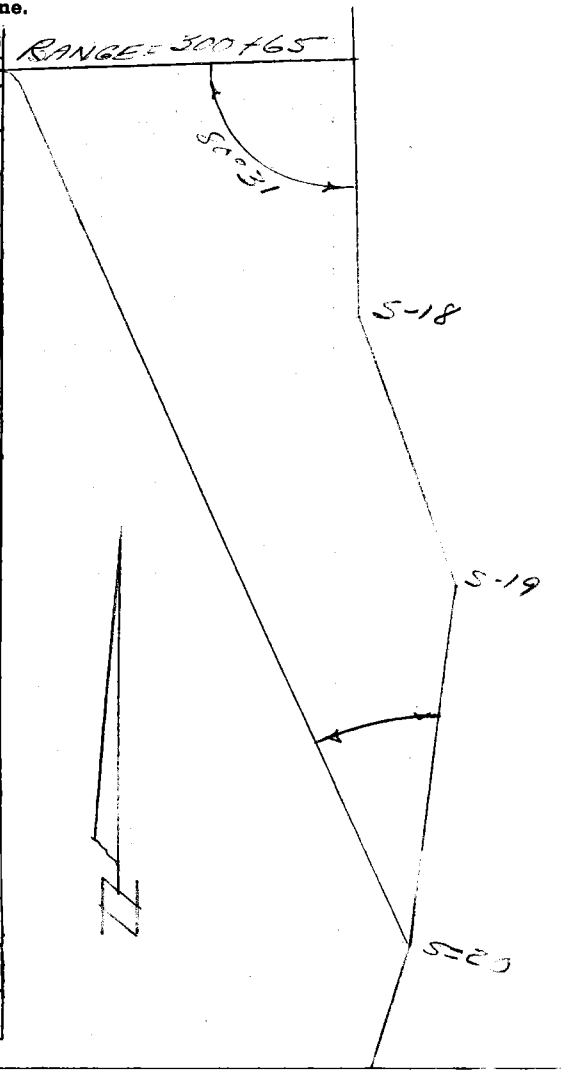
76L298 307 Cdb 1-62

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					
5-20	5-19	8:26	1	72	12			
			2	70	15			
			3	68	55			3006606
			4	67	00			
			5	65	10			
			6	63	00			3006607
			7	60	32			
			8	58	25			
			9	55	30			3006608
			10	53	00			
			11	49	52			
			12	47	07			3006609
			13	44	15			
			14	42	31			
			15	39	52			3006610
			16	36	55			
			17	34	42			
			18	33	07			3006611
			~~19~~	~~32~~	~~27~~			
			~~20~~	~~29~~	~~32~~			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 63-0002 Division No. 11 F. B. ____ Pg. ____
X-Sec. No. ____ Date ____ Date ____ Survey of B.E. STUBBLES (KLUCGINO)
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 8-29-62
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI 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					
			20	29	32			
			21	25	30			
			22	26	55			3006612
			23	23	49			
			24	21	46			
			25	20	07			3006613
			26	19	00			
				00	00			
				00	00			3006614
				00	00			
				00	00			
				00	00			3006615
				60	31			
				00	00			
				00	00			3006616
				00	00			
				00	00			
				00	00			3006617

F. B. 2811 Pg. 34 Job No. 03000.02 Division No. 11 Notes Red. Plotted Profile

Survey of BE STUDIES Date Date No. X-Sec.

Survey by LIND Notes Hucleaby Notes Chkd. Checked

Indexed C. J. GALLI Date Date Date No.

76L-298 CE 307 11-58

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.

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	Aux A	Inshore
		7 21			Range North Side Pier	
					See pg. 39 for control	
			07	6 5	20 ft Lt from Boat π control hub	
					π @ 294 + 65 sight @ Range line on Pier & Turn Rec x for Boat FB 2100-031	
			48	2 4	8° 05'	Water
			65	0 7	11° 55'	"
			74	-0 2	14° 56'	"
			124	-5 2	22° 01'	"
			160	-8 8	26° 20'	"
T.P.			221	5 00		

Profile Notes Red. Plotted Job No. Division No. F.B. 2011 Pg. 33
No. Date Date Date Survey of
X-Sec. Notes Chkd. Checked Survey by Notes Date
No. Date Date Map No. Indexed C. J. GALLI Date

F.B. 2811 Pg. 36

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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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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

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LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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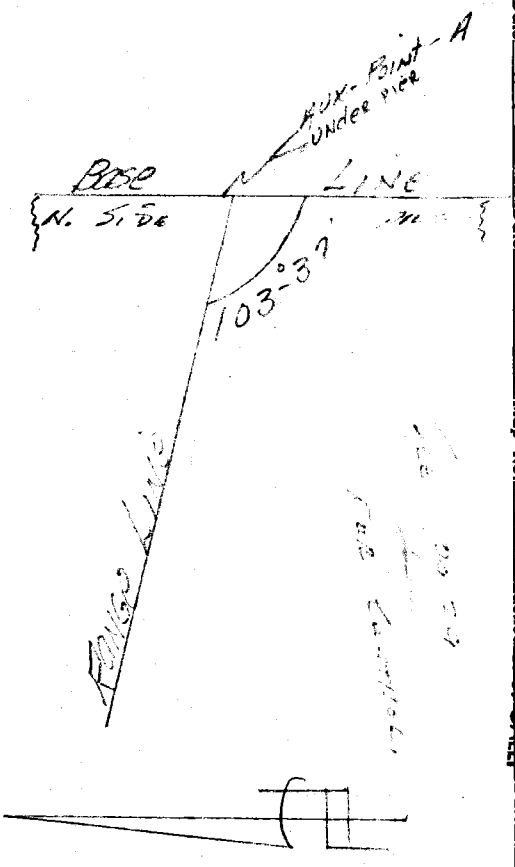
Do not extend notes this side of this line.

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					
No. Side Point-A		9:37	1	103°	37'			
			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. F. B.

No. Date Date Survey of

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

No. Date Date Map No. Indexed C. J. GALL Date

F. B. 2811 PG. 38 | Job No. 0200 02 Division No. 11 Notes Red. Plotted Profile

Survey of Beach Expansion Date Date No.

Survey by C.K. Lind Notes R.J. Rodriguez Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI Date Date Date 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 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.
Bry. Cap		9:40	21					

76L298 3D7 Cdb 1-62

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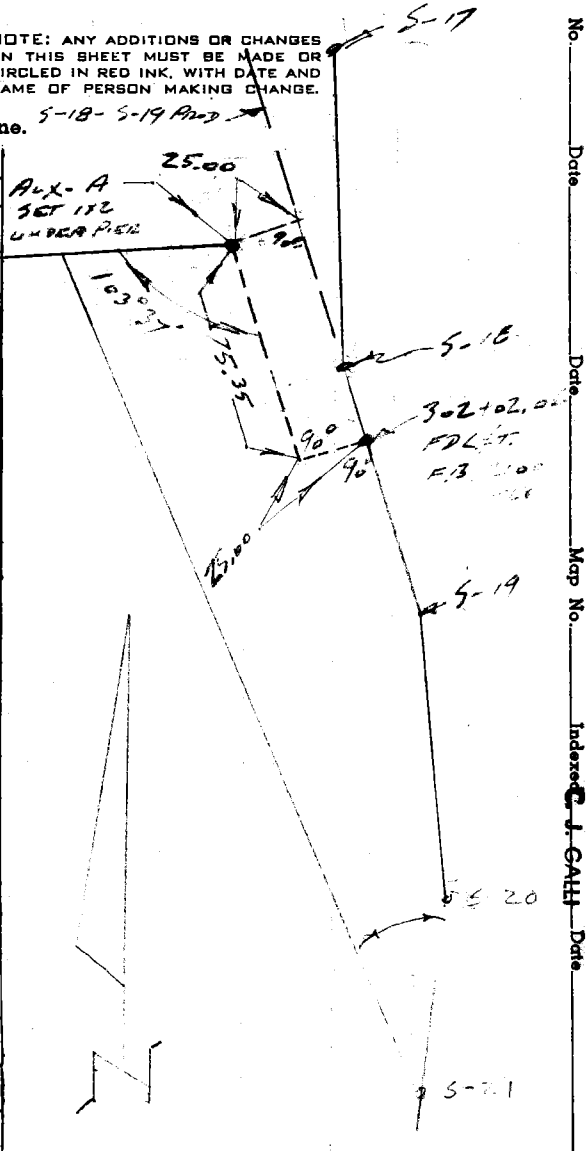
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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	9:35	1	42	25		N. SIDE	PIER
			2	40	52			
			3	39	00			0001108
			4	37	30			
			5	35	50			
			6	34	12			0001109
			7	32	40			
			8	31	00			
			9	28	47			0001110
			10	27	35			
			11	25	50			
			12	24	30			0001111
			13	22	50			
			14	21	45			
			15	20	20			0001112
			16	19	12			
			17	18	00			
			18	16	27			0001113
			19	15	33			
			20	15	00			



Profile

No. Date Notes Red. Plotted Job No. 03002 Division No. 11 F. B. 2011 Pg.

X-Sec. Date Date Survey of PIER SHELTERS (REDONDO)

Notes Chkd. Checked Survey by Notes Date

No. Date Date Map No. Indexed C. J. CALL 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.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
		9:39	21	14	25			0001114
				00	00			
				00	00			
				00	00			0001115
				103	37			
				00	00			
				00	00			0001116
				00	00			
				00	00			
				00	00			0001117

F. B. 2811 Pg. 40

Job No. 0300-02 Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of B.E. STUDIES (REDONDO) Date ____ Date ____ No. ____

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

Indexed C.J. GALLI Date ____ Date ____ Date ____ No. ____

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.	301+90 Inshore	
T.P.	194	694		500		
			+30	99		Control line
			+16	85		14.0 RT
			04	65		26.0 RT
			11	53		36.0 RT
			40	29		61 RT
			+45	114	91.5 Lt. building	
					T @ 5-19 sight @ 5-18	
			58	11	13° 02'	Water
			80	-11	20° 54'	
			120	-51	27° 18'	
			148	-79	30° 47'	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____ Notes ____ Date ____
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. I. GALL Date ____

F. B. 2811 Pg. 7

F. B. 2811 Pg. 42 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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

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.	302+02.06	Inshore
		6 94				
			+54	123		Control line
			+32	101		30.4 RT
			+10	79		64.9 RT
			02	67		82.0 RT
			24	45		100 RT
			+54	123	65 Lt	
					TO @ 5-19	Sight @ 5-18
			71	-02	17°46'	Water
			79	-10	20°28'	"
T.P.			228	466		

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F.B. ____
No. ____ Date ____ Date ____ Survey of ____ Pg. ____
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 2811 Pg. 44

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-298 CE 307 11-58

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

Do not extend notes this side of this line.

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76L298 307 Cdb 1-62

PLEASE RETURN TO

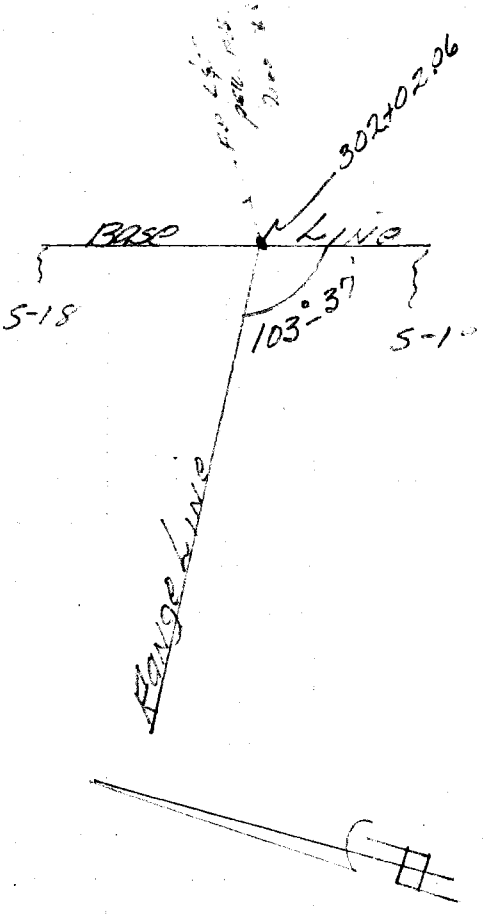
LOS ANGELES COUNTY SURVEYOR

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					
3+02+02.06	5-19	9:16	1	103°	37'			
			2	00	00			
			3	00	00			3020314
			4	00	00			
			5	00	00			
			6	00	00			3020315
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
		9.19	20					



Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. 11 F. B. 2011 Pg. 4

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

Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____

Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 46 | Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile

Survey of ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

76L298 307 Cab 1-62

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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.	For Office Use Only Range Line Min.	For Office Use Only Card No.

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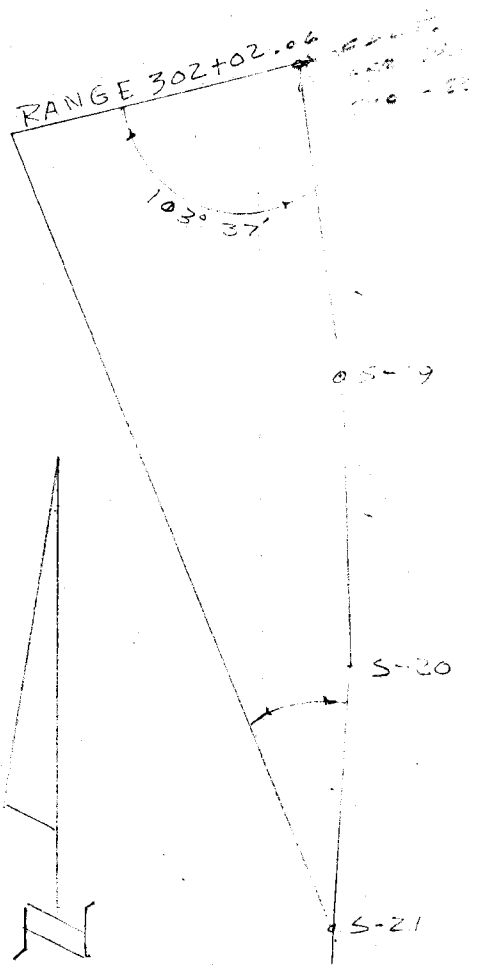
Do not extend notes this side of this line.

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					
S-21	S-20	9:15	1	44	07			
			2	42	00			
			3	39	52			3020306
			4	38	20			
			5	36	07			
			6	34	00			3020307
			7	32	07			
			8	30	28			
			9	28	30			3020308
			10	27	00			
			11	25	45			
			12	23	57			3020309
			13	22	17			
			14	20	50			
			15	19	40			3020310
			16	18	40			
			17	17	40			
			18	16	15			3020311
			19	15	00			
		9:18	20	14	17			
				00	00			3020312



Profile Notes Red_____ Plotted_____ Job No. 43204 Division No. 11 F. B. 2011 Pg. 11

No._____ Date_____ Date_____ Survey of BEST STUDIES (REDONDO)

X-Sec. Notes Chkd._____ Checked_____ Survey by LIND Notes Hurlbut Date 3-13-62

No._____ Date_____ Date_____ Map No._____ Indexed C. J. GALLI Date_____

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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					
				00	00			
				00	00			
				00	00			3020313

F. B. 2711 PG. 49

Job No. 03C002 Division No. 11

Survey of BE. STUDIES (REDONDO)

Survey by LIND Notes HUCIGA BY

Indexed Date

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

76L-298 S & E #307—1·56

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STATION	B. S.	H. I.	F. S.	ELEV.	302+14	Inshore
TP	2.31	7.03		4.66		
			+45	1.15		Control line
			+45	1.15		4 RT Break
			00	7.0		13 RT Toe slope
			19	5.1		24.5 RT
			44	2.6		52.6 RT
			+49	1.19	34.1 LT building	
					TT @ 5-19	sight @ 5-18
			62	0.8	15° 25'	Water
			75	-0.5	21° 14'	"
			90	-2.0	25° 41'	"
			121	-5.1	30° 01'	"
			145	-7.5	33° 13'	"

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

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of ____ Survey by ____ Map No. ____ Notes ____ Date ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 4

F. B. 2811 Pg. 50 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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70L-298 S & E #307—1-56

298 307 Cdb 1-62

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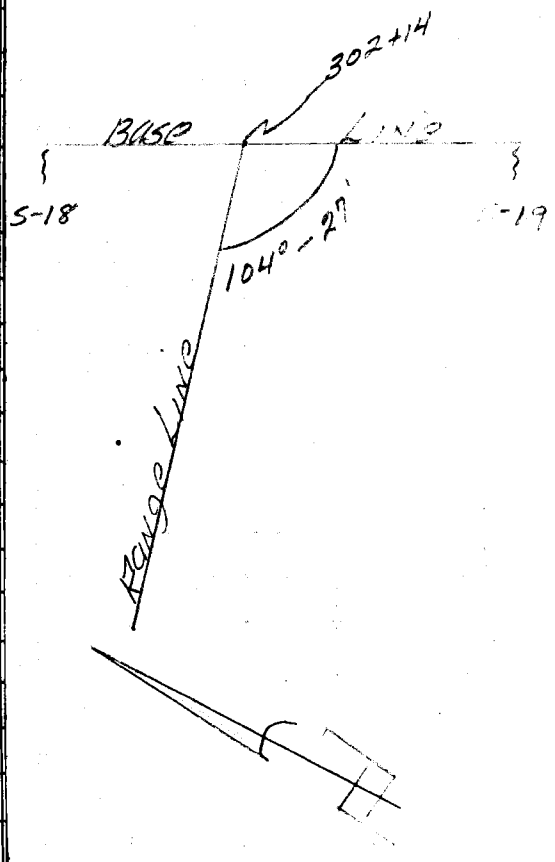
Do not extend notes this side of this line.

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					
302+14	5-19	8:50	1	104°	27'			
			2	00	00			
			3	00	00			3021512
			4	00	00			
			5	00	00			
			6	00	00			3021513
			7					
			8					
			9					
			10					
			11					
			12					
		8:52	13					



Profile Notes Red ____ Plotted ____ Job No. 8300 02 Division No. 1 F. B. 2311 Pg. 1

No. ____ Date ____ Date ____ Survey of BLOCK EXPANSION

X-Sec. Notes Chkd. ____ Checked ____ Survey by CK LINK Notes RIP Date 8-28-62

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F. B. 2811 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. _____

761298 307 Cdb 1-62

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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.	For Office Use Only Range Line Min.	For Office Use Only Card No.

76L298 307 Cdb 1-62

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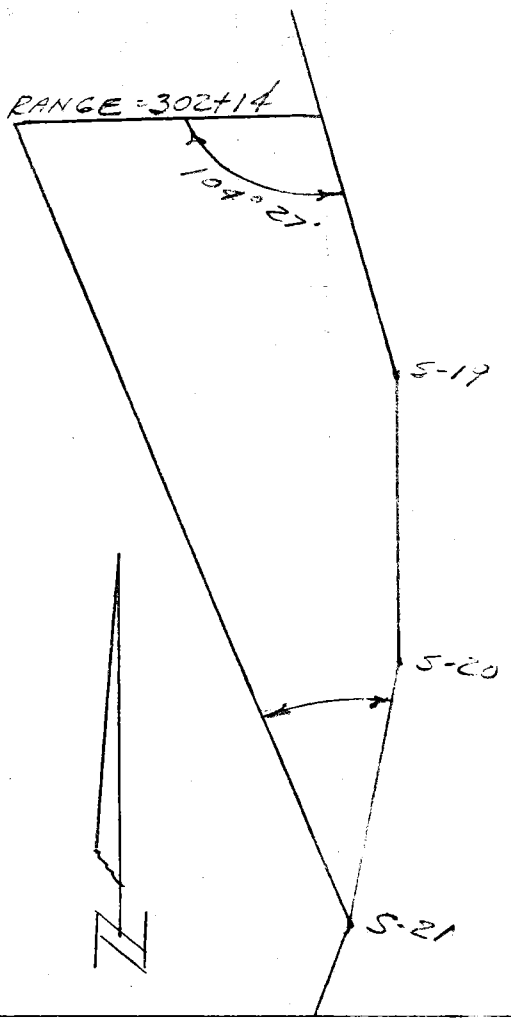
Do not extend notes this side of this line.

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					
5-21	5-20	8:50	1	29	35			
			2	27	52			
			3	26	32			3021506
			4	25	00			
			5	23	33			
			6	22	03			3021507
			7	20	30			
			8	19	22			
			9	18	16			3021508
			10	17	02			
			11	15	47			
			12	14	33			3021509
		9:52	13	13	30			
			14	00	00			
			15	00	00			3021510
				00	00			
				00	00			
				00	00			3021511



Profile Notes Red ____ Plotted ____ Job No. 6500.62 Division No. 11 F. B. 7111 Pg. 1

No. ____ Date ____ Date ____ Survey of B.E. STURIES (REDONDO

X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes checked by ____ Date 8-28-62

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F. B. 2811 PG. 72 | Job No. 030002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of B.E. STUDIES (REDONDO) Date _____ Date _____ No. _____

Survey by LIND Notes Huckaby 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.	For Office Use Only Range Line Min.	For Office Use Only Card No.

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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.	304+65	Inshore
		703				
			+72	14.2		Control line
			26	4.4		65.0 Rt
			34	3.6		100.0 Rt
			+100	17.0	19 Lt Toe slope	
			+158	22.9	38.5 Lt edge drive	
					T @ S-19 Sight @ S-18	
			60	1.5	43° 25'	Water
			78	-0.8	50° 10'	"
			85	-1.5	52° 53'	"
			128	-5.8	55° 39'	"
			160	-9.0	56° 52'	"
T.P.			085	6.18		
T.P.	10.76	16.94	095	15.99		
"	10.34	26.36				
S-19			477	21.59	S-19 Elev. 21.55 F.B. 2100-159	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F. B. 2011 Pg. 55

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

Map No. ____ Date ____ Indexed C. J. GALLI Date ____

F. B. 2811 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.

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

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76L-298 S & E #307—1-56

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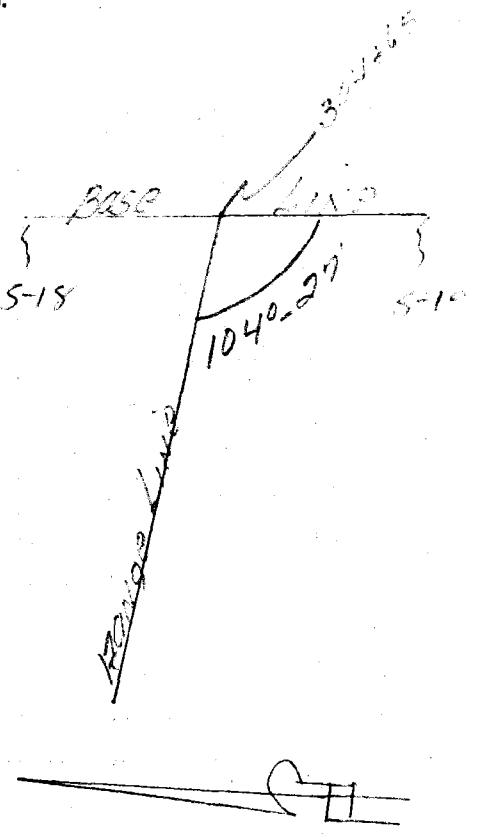
Do not extend notes this side of this line.

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					
304465	5-19	9:00	1	104	27			
			2	00	00			
			3	00	00			3046611
			4	00	00			
			5	00	00			
			6	00	00			3046612
			7					
			8					
			9					
			10					
			11					
		9:02	12					



Profile

Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. 2311 Pg. 5

No. ____ Date ____ Date ____ Survey of BENCH FROSTON Date 7-27-62

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

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F. B. 2811 Pg. 58 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of Beach Erosion Date Date No.

Survey by C.K. Lind Notes R.J. Rodriguez 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					

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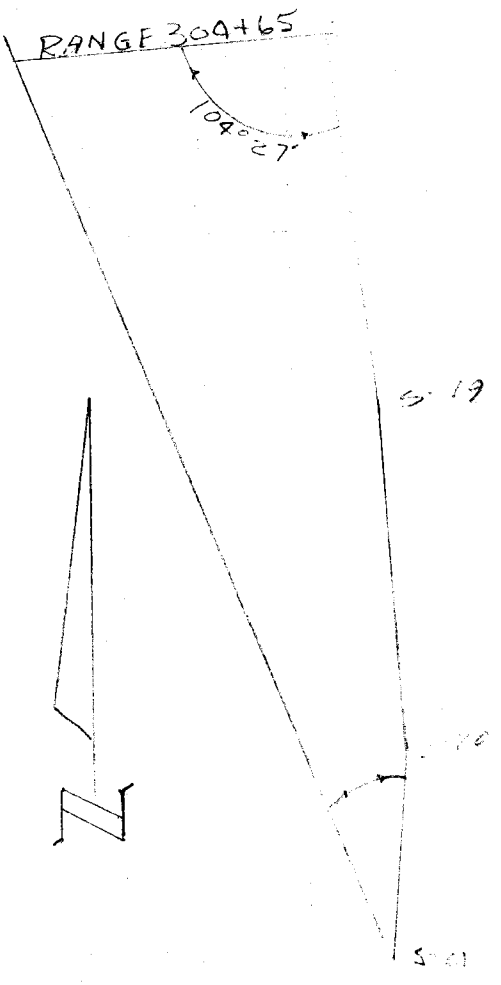
INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY: RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
S-21	S-20	9:00	1	32	32			
			2	29	52			
			3	27	35			3046606
			4	25	15			
			5	23	00			
			6	20	45			3046607
			7	19	07			
			8	17	00			
			9	15	10			3046608
			10	14	00			
			11	12	45			
		9:02	12	11	45			3046609
				00	00			
				00	00			
				00	00			3046610



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 13208 Division No. 11 F. B. 2411 Pg. 11
X-Sec. No. ____ Date ____ Date ____ Survey of BE STREET (REDONDO)
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Notes ____ Date 8-28-62
Map No. ____ Indexed C. A. GALL Date ____

F. B. 2811 PG. 60 | Job No. 0300-07 Division No. 11 | Notes Red. | Plotted | Profile

Survey of BE STUDIES (REDONDO) | Date | Date | No.

Survey by LIND | Notes Hu c 1c abcq | 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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Profile No.	Notes Red.	Plotted	Job No. 0300.02	Division No. 11	F. B. 2811 PG. 61
	Date	Date	Survey of Beach Erosion Surveys		
X-Sec. No.	Notes Chkd.	Checked	Survey by F.E. Brooks	Notes	Date
	Date	Date	Map No.	Indexed C. J. GALLI	Date

JW 0300.02

BEACH EROSION SURVEYS

Cross Sections of Redondo Beach

STATION	B. S.	H. I.	F. S.	ELEV.
	G. Merritt J. Stidham	G.E. Cook E. Martinez A.O. Beck	F.E. Brooks J.M. Maldonado's	

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76L-298 S & E #307—1-56

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F. B. 2011 Pg. 62 | Job No. 500.02 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of Beach Erosion Survey | Date | Date | No.
Survey by FEB | Notes FEB | Notes Chkd. | Checked | X-Sec.
Indexed C. J. GALLI | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	306+65	Inshore
BM 3-19	1 08			21 56	BM 3-19 Elev. 21.56 F.B. 2100-159	
T.P.		22 64	9 67	12 97	306+65 Inshore	
306+65					Control line	
			2 0	20 6	7.5 Rt edge drive	
			7 9	14 7	35.5 " Break	
			9 7	12 9	61.5 " Break	
			5 4	12	100.	
T.P.	1 26	14 23				
T.P.	1 26	8 49	7 30	6 93		
					T @ 310+65 Sight on 306+65	
			6 4	21	18° 42' 135	Water
			8 1	04	23° 51'	"
			8 5	00	28° 40'	"
			9 6	-11	32° 17'	"
			10 9	-24	34° 24'	"
			13 0	-45	37° 02'	"
			15 3	-68	39° 48'	"
			18 4	-99	42° 50'	"
T.P.			2 49	6 20		

76L298 307 Cdb 1-62

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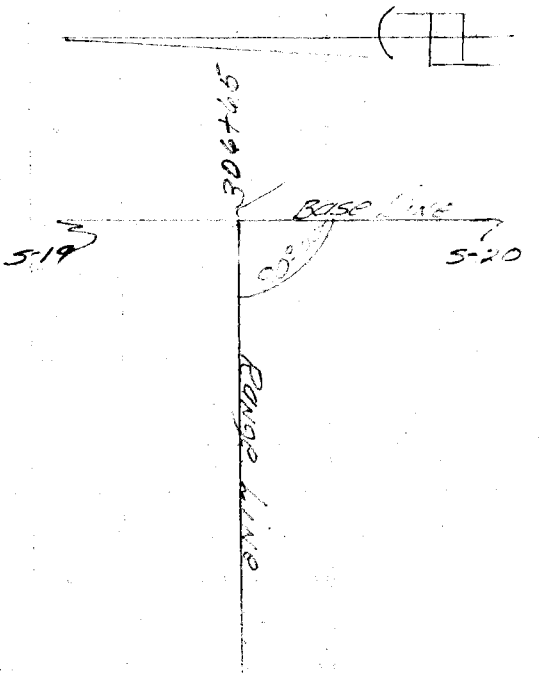
INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
266465	5-20	6:43	1	90°	00'			
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



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

Notes Red.____ Date____ Notes Chkd.____ Date____

Plotted____ Date____ Checked____ Date____

Job No.____ Survey of [illegible] Survey by [illegible] Notes [illegible] Date [illegible]

Division No.____ Map No.____ Indexed C. J. GALLI Date____

F. B. 2911 Pg. 63

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					
306+65	5-20		21					
			22					
			23					
			24					
			25					
		6:47	26					

F. B. 2811 Pg. 4 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile No.

Survey of BEACH EROSION Notes R.J. RODRIGUEZ Date Date X-Sec. No.

Survey by C.K. LUND Notes Date Checked Chkd. Date

Indexed C. J. GALLI Date

76L298 307 Cdb 1-62

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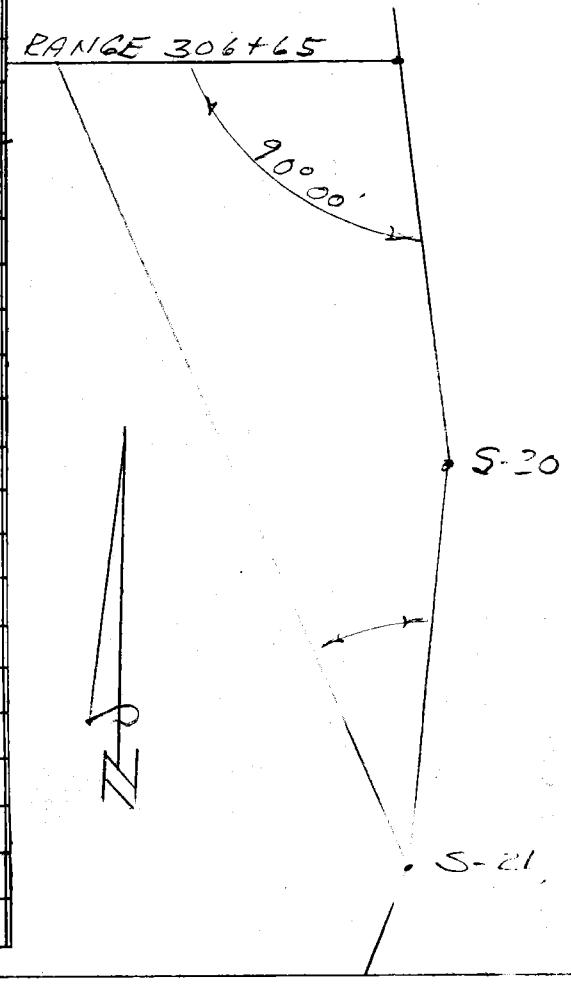
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
S-21	S-20	6:43	1	52°	34'			
			2	51°	37'			
			3	50°	41'			3066605
			4	50°	03'			
			5	48°	49'			
			6	47°	12'			3066606
			7	46°	06'			
			8	44°	23'			
			9	43°	06'			3066607
			10	41°	10'			
			11	40°	12'			
			12	38°	44			3066608
			13	37°	13'			
			14	35°	37'			
			15	33°	42'			3066609
			16	32°	32'			
			17	30°	55			
			18	29°	20'			3066610
			19	27°	32'			
			20	25°	57'			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2300.02 Division No. 11 F. B. 2811 Pg. 3
X-Sec. No. ____ Date ____ Date ____ Survey of BEACH EROSION STUDIES Notes ____ Date 8-22-62
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by GANG Map No. ____ Indexed C. J. GALL Date ____

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. 2811 PG. 56 Job No. 1300.02 Division No. 11 Notes Red. Plotted Profile No.

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

Survey by C.G. LIND Notes C.S. VALDEZ Notes Chkd. Checked

Indexed C. I. GALLI 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					
S-21	S-20		21	24°	01'			3066611
			22	22°	40'			
			23	21°	36'			
			24	19°	49'			3066612
			25	17°	40'			
		6:47	26	16°	39			
				00	00			3066613
				00	00			
				00	00			
				00	00			3066614
						00	00	
						00	00	
						00	00	3066615
						00	00	
						00	00	
						00	00	3066616

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.	308+65	Inshore
TP	2.21	3.21		620		
308+65			+0 2	18.6	64 Rt	edge shrub
			+5 1	13.5	30.6	Break
			+2 0	10.4	71.0	Break
			25	5.9	100	
					TB @ 310+45 sight at 306.65	
			5 2	1.2	38° 45' 160'	Water
			8 2	0.2	46° 40'	"
			9 2	0.2	46° 38'	"
			9 8	-1.4	52° 44'	"
			11 1	-2.7	56° 58'	"
			14 2	-5.8	59° 22'	"
			15 8	-7.4	60° 59'	"
			18 0	-9.1	63° 26'	"
T.P.			2.58	5.33		

Profile Notes Red_____ Plotted_____ Job No. 1306.02 Division No. 11 F. B. 2811 Pg. 71
No. X-Sec. Date_____ Date_____ Survey of Beach Blvd. Survey
Notes Chkd_____ Checked_____ Survey by [illegible] Notes [illegible] Date [illegible]
No._____ Date_____ Date_____ Map No._____ Indexed C. J. GALLI Date_____

F. B. 2811 Pg. 68

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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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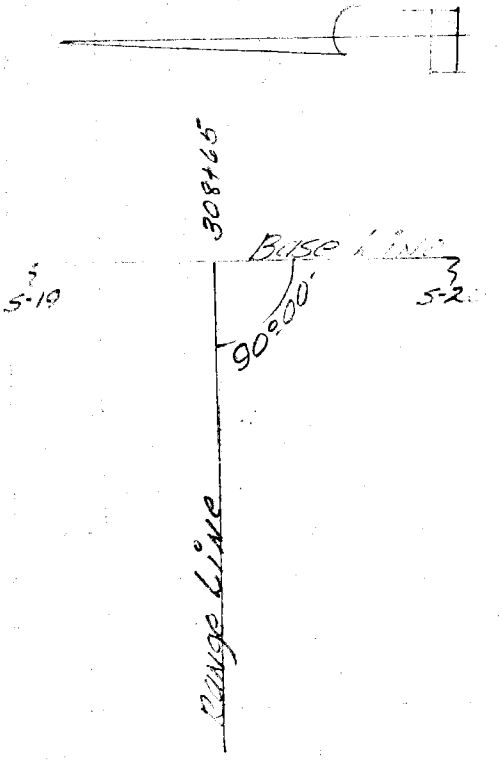
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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			DEG.	MIN.	
308+65	5-20	7:10	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 ____

X-Sec. No. ____ Date ____

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

Notes Chkd. ____ Checked ____ Survey of ____ Date ____

Survey by ____ Notes ____ Date ____

Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 69

76L298 307 Cdb 1-62

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Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Job No. Notes Date

F. B. 2811 PG. 70

Survey of

Survey by C. J. GALLI

Indexed

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					
308+65	5-20		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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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	520		41					
			42					
			43					
			44					
			45					
			46					
		7:30	47					

Profile Notes Red. ____ Plotted ____ Job No. 3-0-8 Division No. ____ F. B. 2811 Pg. 71

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

X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 8-66-67

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 PG. 72 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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					

76L298 307 Cdb 1-62

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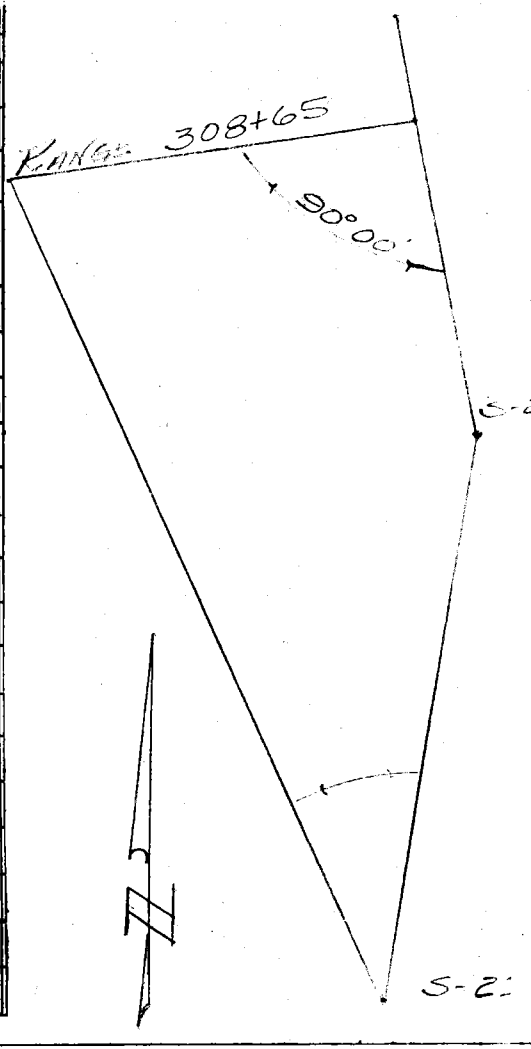
Do not extend notes this side of this line.

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					
S-21	S-20	7:10	1	63°	47'			
			2	67°	48'			
			3	67°	00'			3086505
			4	66°	32'			
			5	66°	20'			
			6	66°	00'			3086506
			7	65°	17'			
			8	64°	35'			
			9	64°	09'			3086507
			10	63°	26'			
			11	62°	35'			
			12	62°	00'			3086508
			13	61°	17'			
			14	60°	32'			
			15	59°	30'			3086509
			16	58°	33'			
			17	57°	27'			
			18	56°	48'			3086510
			19	55°	23'			
			20	54°	21'			



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

Notes Red. ____ Plotted ____ Job No. 230002 Division No. 11 F. B. 2411 Pg. 72

Notes Chkd. ____ Checked ____ Survey of BEACH EROSION STUDIES

Survey by ____ Notes ____ Date ____

Map No. ____ Indexed C. J. GALLI Date ____

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F. B. 2811 Pg. 74 Job No. 030002 Division No. 11 Notes Red. Plotted Profile No.

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

Survey by [illegible] KLEIND Notes C. J. VALDEZ Notes Chkd. Checked

Indexed C. J. GALLI 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					
S-21	S-20		21	53°	27'			6 3086511
			22	51°	47°			
			23	50°	15'			
			24	48°	37'			6 3086512
			25	47°	26'			
			26	45°	47'			
			27	43°	48'			6 3086513
			28	41°	55'			
			29					
			30					
		7:17	31					
		7:27	32	46°	22'			6
			33	44°	20'			3086514
			34	43°	05'			
			35	41°	03'			
			36	39°	07'			3086605
			37	37°	24'			
			38'	35°	09'			
			39	33°	22'			3086606
			~~40~~	~~31°~~	~~48'~~			

76L298 307 Cdb 1-62

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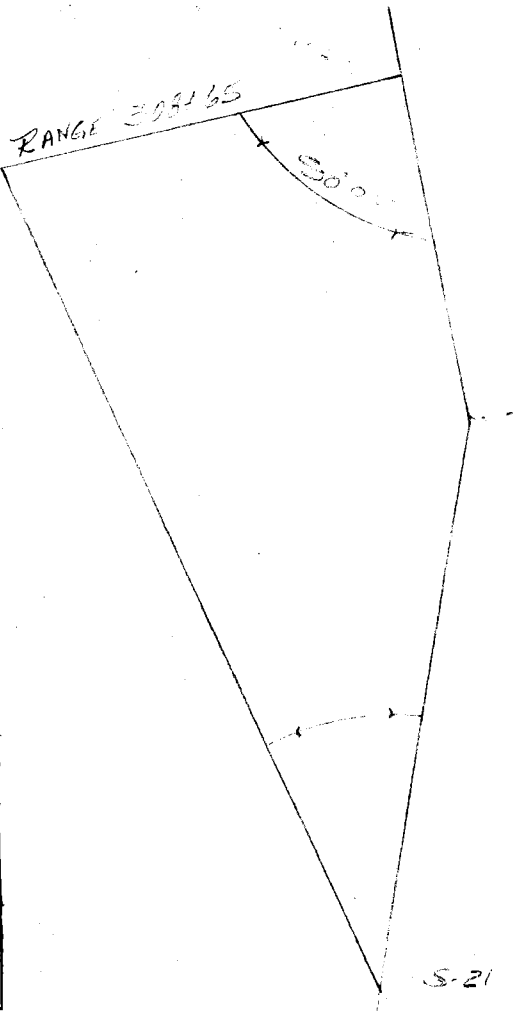
Do not extend notes this side of this line.

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	31°	48'	Deg.	Min.	
S-21	S-22		41	30°	00'			
			42	27°	47'			3086607
			43	25°	45'			
			44	23°	45'			
			45	22°	15			3086608
			46	21°	04			
		7:30	47	20°	00			
				00	00			3086609
				00	00			
				00	00			
				00	00			3086610
						90	00	
						00	00	
						00	00	3086611
						00	00	
						00	00	
						00	00	3086612



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2300.02 Division No. 11 F. B. 2111 Pg. 75

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

Date ____ Map No. ____ Indexed C. J. GALLI Date ____ Survey by ____ Notes ____ Date ____

F. B. 2811 PG. 76 | Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH E. STUDIES Date Date No.

Survey by LIND Notes VALDEZ 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.	For Office Use Only Range Line Min.	For Office Use Only Card No.

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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.	310 + 65	Inshore
T.P.	250	833		583		
310+65			+100	183	6.8 Rt edge drive	
			+92	175	16.5 " Break	
			+50	133	36.4 " Break	
			+25	108	56.7 "	
			40	43	100	
					T @ 306+25 sight at 310+65	
			72	11	24° 08'	Water
			82	01	26° 01'	"
			93	-10	31° 17'	"
			128	-45	35° 10'	"
			154	-71	38° 53'	"
			190	-107	43° 13'	"
T.P.			265	569		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2280 Division No. 11 F. B. 2811
X-Sec. No. ____ Date ____ Date ____ Survey of Beach Erosion Survey Pg. 77
Notes Chkd. ____ Checked ____ Survey by L.E.B. Notes L.E.B. Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 78

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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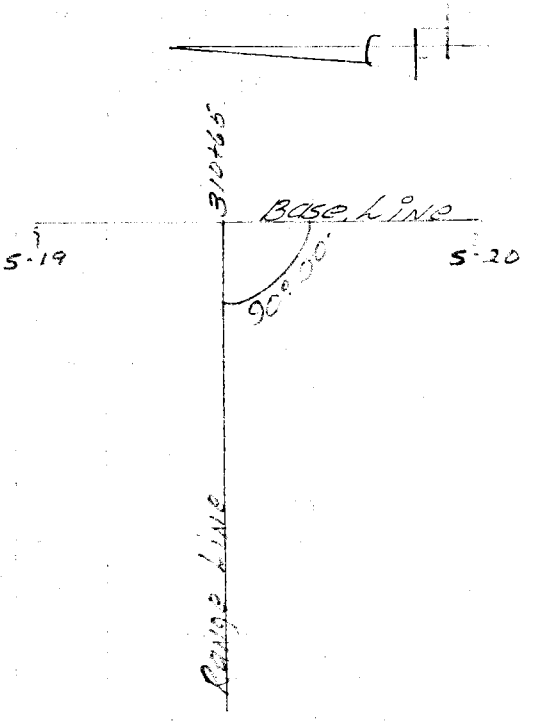
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
310465	5-20	7:45	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. 0300.02 Division No. F. B. 2811 Pg. 19

No. Date Date Survey of Harris & Erickson Notes Calc Date

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

No. Date Date Map No. Indexed C. J. GALLI Date

76L298 307 Cdb 1-62

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F. B. 2811 Pg. 90 Job No. 03002 Division No. 11 Notes Red. Plotted Profile No.

Survey of Bank Erosion Date 8-22-62 Date X-Sec. No.

Survey by C. Lund Notes R.J. Rodriguez Notes Chkd. Checked

Indexed C. J. GALLI Date Date Date

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					
310465	520		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
			35					
			36					
			37					
			38					
		7:53	39					

76L298 307 Cdb 1-62

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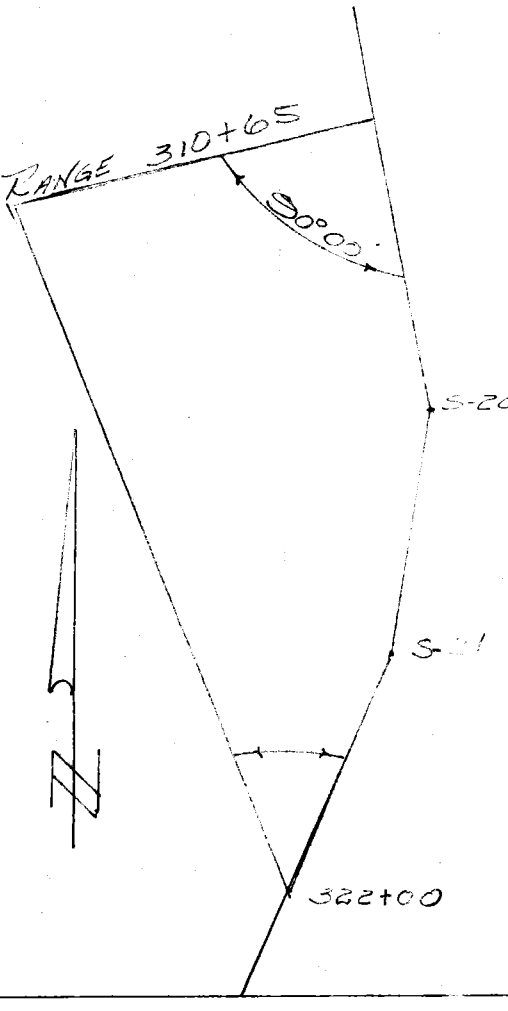
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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			Deg.	Min.	
322+00	S-21	7:45	1	68°	58'			
			2	68°	23'			
			3	67°	41'			3106606
			4	66°	40'			
			5	65°	39'			
			6	64°	20'			3106607
			7	63°	23'			
			8	63°	00'			
			9	62°	00'			3106608
			10	61°	00'			
			11	60°	17'			
			12	60°	01'			3106609
			13	59°	19'			
			14	58°	33'			
			15	57°	40'			3106610
			16	56°	40'			
			17	55°	29'			
			18	54°	21'			3106611
			19	53°	31'			
			20	52°	22'			



Profile Notes Red. Plotted Job No. 1300.02 Division No. 11 F. B. 2811 Pg. 81

No. Date Survey of BEACH ERST.

X-Sec. Notes Chkd. Checked Survey by BLOUP Notes WALKER Date 8-22-62

No. Date Date Map No. Indexed C. J. GALLI Date

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. 2811 Pg. 82 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile No.

Survey of BEACH E. S. Date Date X-Sec. No.

Survey by LIND Notes VALDEZ Notes Chkd. Checked

Indexed C. J. GALLI 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					
322400	S-21		21	50°	55'			3106612
			22	49°	19'			
			23	47°	17'			
			24	45°	27'			3106613
			25	44°	00'			
			26	42°	26'			
			27	40°	35'			3106614
			28	38°	37'			
			29	36°	54'			
			30	35°	00'			3106615
			31	33°	00'			
			32	31°	48'			
			33	30°	06'			3106706
			34	28°	33'			
			35	26°	40'			
			36	25°	03'			3106707
			37	23°	15'			
			38	21°	17'			
		7:53	39	20°	17'			3106707

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	S. S.	H. I.	F. S.	ELEV.	312+65 Inshore	
T. P.	273	841		568		
312+65			+86	170	8.5 Rt	edge drive
			+63	147	18.6 "	Break
			+25	109	45.8 "	
			20	64	75 "	
			46	38	100 "	
					TC@ 315+10	sight 312+65
			53	31	29° 14'	Water
			82	02	36° 21'	"
			92	-08	42° 38'	"
			104	-20	50° 30'	"
			142	-58	56° 49'	"
			190	-106	62° 23'	"
T.P.			283	558		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 28111 Pg. 83
Sec. ____ Date ____ Date ____ Survey of Bracon Erosion Survey
Notes Chk'd ____ Checked ____ Survey by EEB Notes EEB Date 22 Aug 02
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 84 Job No. Division No. Notes Red. Plotted. Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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

76L296 307 Cdb 1-62

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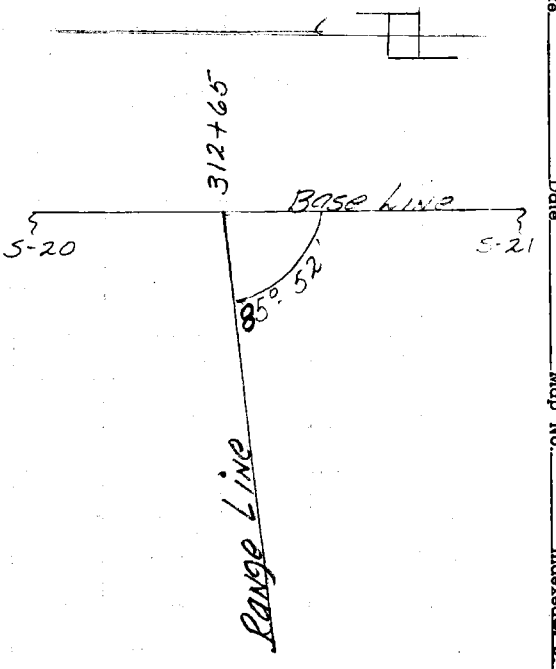
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
312+65	5-21	8:10	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. 03002 Division No.

No. Date Date Survey of Beach & Rosecrans

X-Sec. Notes Chkd. Checked Survey by Kuna Notes Date 8-22-62

No. Date Date Map No. Indexed C. I. GALL Date

F. B. 2011 Pg. 65

F. B. 2811 PG. 86 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of Beach Erosion Date Date No.

Survey by C.K. Lind Notes R.J. Rodriguez Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI 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.
3/2465-5-21			21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
			35					
			36					
		8:17	37					

76L298 307 Cdb 1-62

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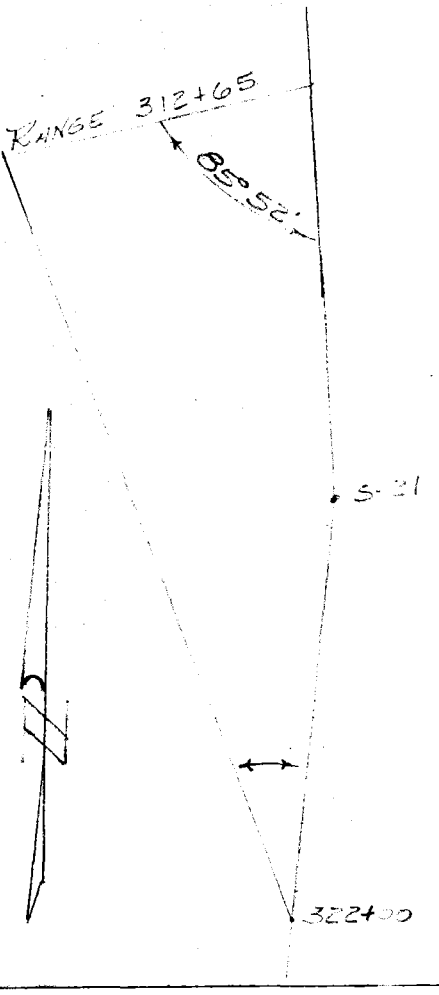
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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.	Range Line Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
322400	S-21	8:10	1	75°	34'			
			2	74°	43'			
			3	74°	00'			6 3126505
			4	73°	08'			
			5	72°	29'			
			6	71°	38'			6 3126506
			7	71°	08'			
			8	70°	00'			
			9	68°	49'			6 3126507
			10	67°	55'			
			11	66°	50'			
			12	65°	34'			6 3126508
			13	64°	44'			
			14	63°	28'			
			15	62°	05'			6 3126509
			16	61°	09'			
			17	59°	33'			
			18	58°	03'			6 3126510
			19	56°	35'			
			20	54°	54'			



Profile Notes Red. Plotted Job No. 830002 Division No. 11 F. B. 2811 Pg. 87

No. Date Date Survey of 12 E 5

X-Sec. Notes Chkd. Checked Survey by LUND Notes WALLACE Date 8-22-62

No. Date Date Map No. Indexed C. J. GALL Date

76L298 307 Cdb 1-62

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F. B. 2111 Pg. 88 | Job No. 8300.02 | Division No. 11 | Notes Red. | Plotted | Profile

Survey of B. E. S. (REDONDO) | Date | Date | No.

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

Indexed C. J. GALLI | Date | Date | Date | No.

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					
222400	S-21		21	53°	09'			6 3126511
			22	51°	29'			
			23	49°	50'			6
			24	47°	50'			3126512
			25	45°	58'			
			26	44°	28'			6
			27	42°	52'			3126513
			28	40°	20'			
			29	38°	03'			6
			30	36°	05'			3126514
			31	33°	33'			
			32	31°	17'			
			33	29°	00'			3126705
			34	26°	21'			
			35	24°	35'			
			36	22°	41'			3126706
		8:17	37	21°	09'			
				[illegible]	[illegible]			
				[illegible]	[illegible]			3126707

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	S. S.	H. I.	F. S.	ELEV.	314+65	Inshore
T.P.	2 51	8 09		5 58		
314+65			+92	17.3	10.8 Rt. edge Rd	
			+92	17.3	14.6 Rt Break	
			+34	11 5	40.6 "	
			16	6 5	70.8 "	
			50	3 1	100 "	
					T.G. 310+65 sight at 316+0'	
			54	27	35° 20'	Water
			75	06	39° 56'	
			82	-3 1	47° 42'	
			100	-19	50° 44'	
			103	-27	53° 30'	
			127	-45	56° 20'	
			141	-60	59° 15'	
			165	-84	61° 37'	
			185	-104	64° 15'	

Profile Notes Red. ____ Plotted ____ Job No. 7700.26 Division No. 11 F. B. 2811 Pg. 5
No. ____ Date ____ Date ____ Survey of Beach Erosion Survey
X-Sec. Notes Clkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 90 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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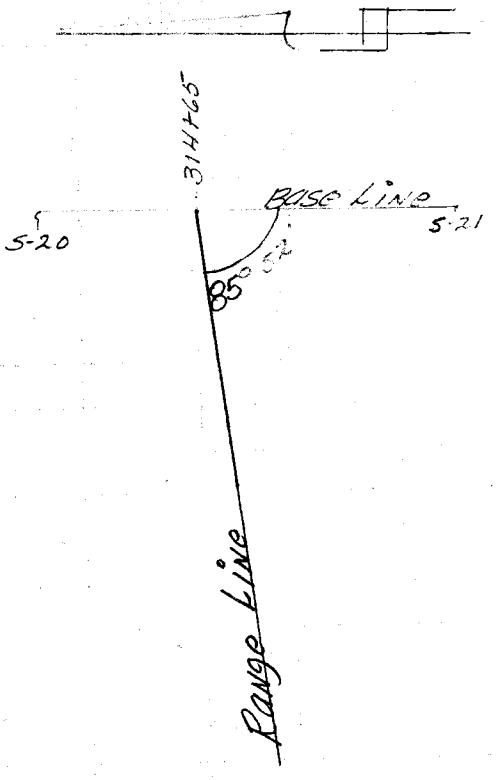
Do not extend notes this side of this line.

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					
314+65	5-21	8:32	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. 03000 C2 Division No. ____ F. B. 28111 Pg. 91

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Bearing & Distance Survey by C. KLINE Notes E.K. Date 8-22-62 Map No. ____ Indexed C. J. GALL 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					
3H465	5-21		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
			31					
			32					
			33					
			34					
		8:40	35					

F. B. 2811 Pg. 92 Job No. 030002 Division No. 11 Notes Red. Plotted Profile No.

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

Survey by CK LIND Notes R.J. Rodriguez Notes Chkd. Checked

Indexed C. J. GALLI Date Date Date

76L298 307 Cdb 1-62

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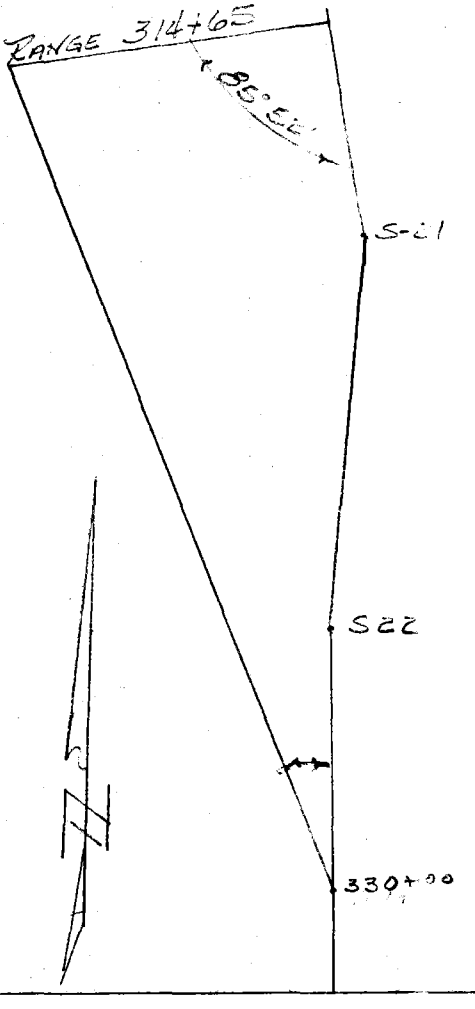
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH			DEG.	MIN.	
330+00	S-22	8:32	1	53°	27'			
			2	53°	05'			6
			3	52°	02'			3146506
			4	51°	32'			
			5	50°	18'			6
			6	49°	15'			3146507
			7	48°	18'			
			8	47°	52'			6
			9	46°	15'			3146508
			10	44°	47'			
			11	43°	11'			6
			12	41°	36'			3146509
			13	40°	01'			
			14	38°	00'			6
			15	36°	00'			3146510
			16	34°	27'			
			17	32°	30'			6
			18	30°	06'			3146511
			19	28°	05'			
			20	26°	25			



Profile Notes Red. ____ Plotted ____ Job No. 23000 Division No. 11 F. B. 2811 Pg. 93
No. ____ Date ____ Date ____ Survey of B.E.S. REDONDO
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes WHITE Date 8-
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

76L298 307 Cdb 1-62

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F. B. 2811 Pg. 94 | Job No. 8300.02 Division No. 11 (REDONDO) | Notes Red. ____ Date ____ Notes Chkd. ____ Date ____ | Plotted ____ Date ____ Checked ____ Date ____ | Profile No. ____ X-Sec. No. ____

Survey of B.E.S.
Survey by LALD Notes VALDEZ
Indexed C. J. GALLI

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					
330400	S-22		21	24°	52'			6 3146512
			22	23°	18'			
			23	21°	40'			6
			24	20°	02'			3146513
			25	18	39'			
			26	16°	19'			6
			27	15°	03'			3146514
			28	13°	23'			
			29	11°	59'			6
			30	10°	49'			3146515
			31	09°	50'			
			32	09°	03'			
			33	08°	19'			3146619
			34	06°	50'			
		8:40	35	05°	52'			
				00	00			3146620
				00	00			
				00	00			
				00	00			3146621

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.	316+10	Inshore
		809				
315+10			+94	175	19.9 2+ edge drive	
			+84	165	17.6 "	
			+54	135	36.3 "	
			+45	126	51.5 " Top Slope	
			00	81	62.9 " Toe Slope	
			45	36	100.0 "	
					T @ 317+00	Sight 312+65
			74	07	37°19'	water
			80	01	46°19'	"
			97	-16	50°31'	"
			107	-26	52°43'	
			123	-42	55°06	
			141	-60	57°36'	
			165	-84	60°23'	
			187	-106	63°44'	
T.P.	10 69	16 99	179	630		
	630	23 29	000	16 99		
			466	18 63	BM S-21 Elev. 18.500 F.B. 2100-150	

Profile No. X-Sec. No. Notes Rod. Date Notes Chkd. Date Plotted Date Checked Date Job No. 2300.06 Survey of Beach Erosion Survey by LEB Map No. Division No. 11 Notes LEB Indexed C. J. GALLI Date F. B. 2811 Pg. 23

F. B. 2811 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.

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

Do not extend notes this side of this line.

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76L-298 S & E #307—1-56

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.	315 + 40 Inshore
BM 5-21	2 72	21 22		18 50	BM 5-21 Elev. 18.500 F.B. 2100 - 58
T.P.	1 92	12 31	10 83	1039	
T.P.	3 72	9 21	6 82	549	
315+40				+ 8.3	9.5 Rt edge Rd. ?
				+ 48	27.6 " Toe Slope ?
				+ 36	63.1 " Break ?
				05	73.0 " Toe Slope ?
				- 32	95.7 " Break ?
				- 39	100.0 " ?
					@ 314.65 Sight @ 5 21
			8 2	10	[illegible] 07' Water
			8 2	10	65° 49' "
			9 2	00	71° 07' "
			11 4	- 22	74° 24' "
			14 5	- 53	76° 39' "
			170	- 78	79° 05' "
			185	- 93	75° 57' "

Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2811 Pg. 74
No. ____ Date ____ Date ____ Survey of Beach Erosion Survey
X-Sec. Notes Chkd. ____ Checked ____ Survey by F.E.K. Notes F.E.K. Date 22 Aug 196[illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 98 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

LOS ANGELES COUNTY ENGINEER

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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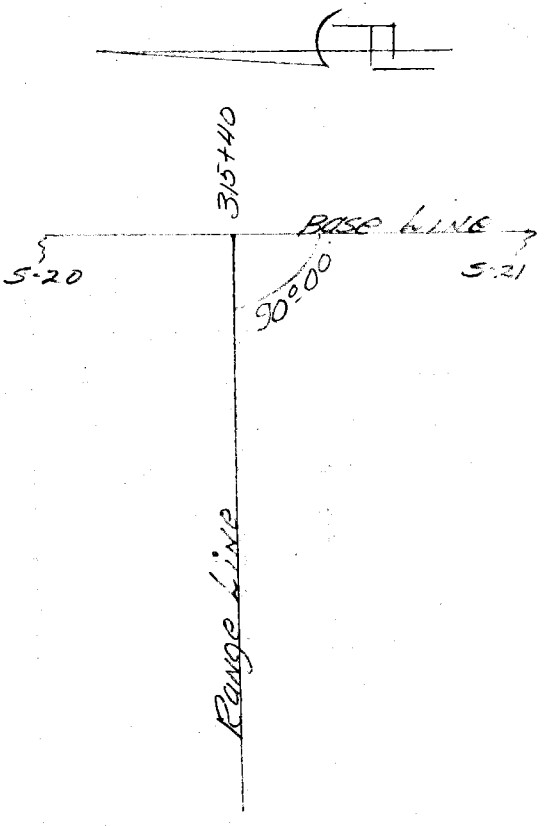
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
315+40	5-21	8:55	1	90°	00			
			2	00	00			
			3	00	00			3154112
			4	00	00			
			5	00	00			
			6	00	00			3154113
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
		8:58	15					



Profile No.____ Notes Red.____ Plotted____ Job No. 0300 02 Division No. 11 F. B. 2211 Pg. 99

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

Notes Chkd.____ Date____ Checked____ Survey by K. Kline Notes K. K. Date 8-22-62

Map No.____ Date____ Indexed C. J. Gallf Date____

F. B. 2811 Pg. 100 | 0300.02 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of Beach Erosion Date 8-22-62 Date ____ No. ____

Survey by C.K. Lind Notes R.J. Rodriguez 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					

76L298 307 Cdb 1-62

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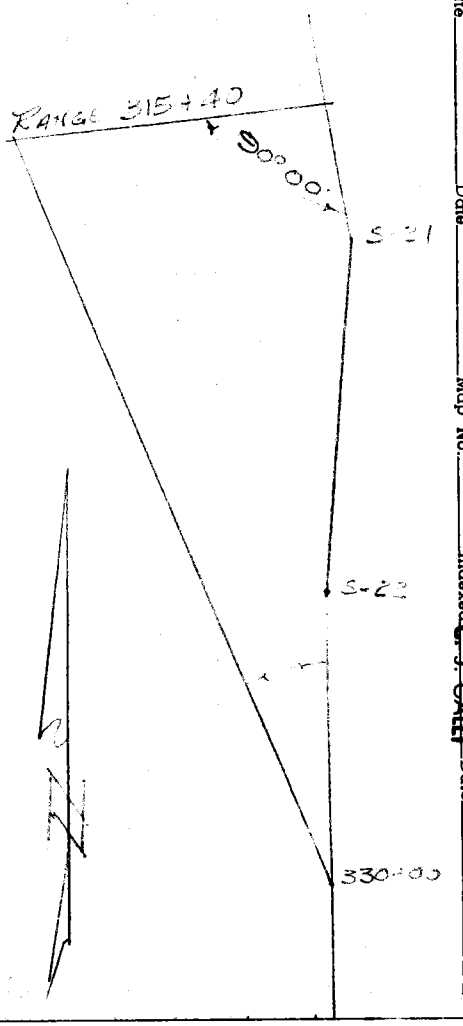
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	Line	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch						
330+00	S-22	8:22	1	24°	37'				
			2	23°	22'				
			3	22°	00'				3154106
			4	20°	17'				
			5	18°	52'				
			6	17°	18'				3154107
			7	16°	21'				
			8	15°	06'				
			9	13°	30'				3154108
			10	12°	22'				
			11	11°	35'				
			12	10°	30'				3154109
			13	09°	02'				
			14	07°	15'				
		8:58	15	03°	47'				3154110
				00	00				
				00	00				
				00	00				3154111



Profile Notes Red ____ Plotted ____ Job No. 330-02 Division No. 11 (REDONDO) F. B. 2111 Pg. 101

No. ____ Date ____ Date ____ Survey of B.E.S.

X-Sec. Notes Chkd ____ Checked ____ Survey by SNID Notes Chkd Date 5-22-62

No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F. B. 2811 Pg. 102 Job No. 030002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of B. E. S. (REDONDO) Date _____ Date _____ No. _____

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

Indexed C. J. GALLI 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					
330+00	S-22							

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. B.	H. I.	F. S.	ELEV.	316+00 Inshore	
		921				
316+00					8.8 Rt edge pav't	
			+45	137	30.3 Rt Toe slope	
			+19	111	54.4 Rt Break	
			32	60	93.0 Rt "	
			42	50	100 Rt	
					T @ 314+65 Sight @ 521	
			90	02	43° 15'	Water
			100	-08	47° 54'	"
			112	-20	53° 04'	"
			120	-28	56° 14'	"
			142	-50	59° 10'	"
			168	-76	61° 46'	"
			185	-93	61° 19'	"

Profile Notes Red. ____ Plotted ____ Job No. 0500.02 Division No. 11 F. B. 2811 Pg. 103
No. X-Sec. Date ____ Date ____ Survey of Beach Erosion Survey
No. ____ Notes Chkd. ____ Checked ____ Survey by EEB Notes EEB Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 PG. 104 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

761-298 S & E #307—1-56

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76L298 307 Cdb 1-62

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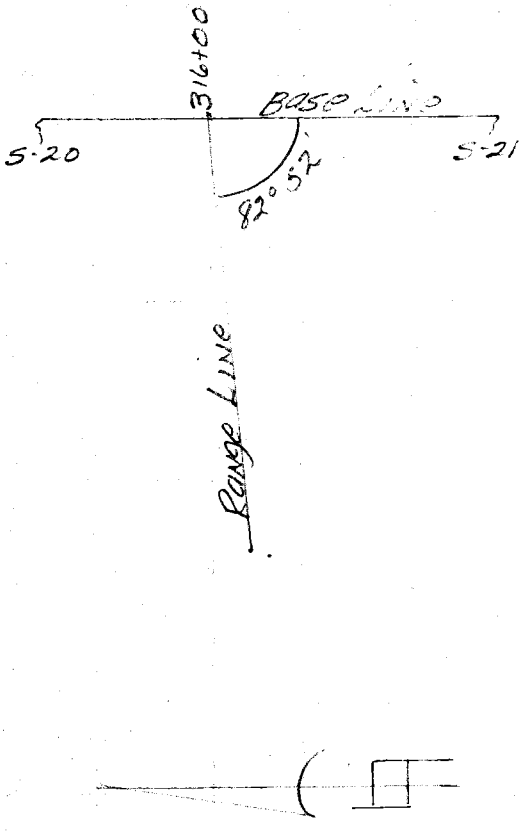
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
316+00	5-21	9:09	1	82°	52'			
			2	00	00			
			3	00	00			3160112
			4	00	00			
			5	00	00			
			6	00	00			3160113
			7					
			8					
			9					
			10					
			11					
			12					
		9:12	13					



Profile

Notes Red. Plotted Job No. Division No. 11

No. Date Date Survey of BATCH EXCAVATION

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

No. Date Date Map No. Indexed C. J. GALLI Date

F. B. 3611 Pg. 103

F. B. 2811 Pg. 106 Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Date _____ Date _____ No. _____

Survey by C.K. Lind Notes R.J. Rodriguez 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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76L298 307 Cdb 1-62

76L298 307 Cdb 1-62

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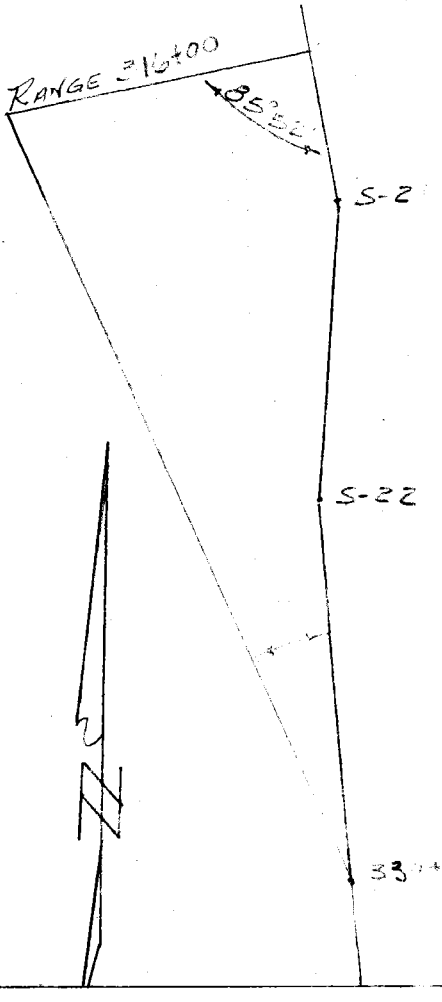
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
33+00	S-22	9:09	1	29°	30'			
			2	27°	39'			
			3	25°	30'			3160106
			4	22°	40'			
			5	20°	30'			
			6	18°	33			3160107
			7	16°	43'			
			8	14°	42'			
			9	12°	47'			3160108
			10	11°	15'			
			11	09°	34'			
			12	08°	17'			3160109
		9:12	13	07°	14'			
				00	00			
				00	00			3160110
				00	00			
				00	00			
				00	00			3160111



Profile Notes Red. ____ Plotted ____ Job No. 23002 Division No. 11 F. B. 2011 Pg. 107

No. ____ Date ____ Date ____ Survey of B.F.S. (PERMANENT)

X-Sec. Notes Chkd. ____ Checked ____ Survey by LLOYD Noted WADE Date 8-22-62

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 PG. 108 Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of B.E.S. (REDONDO) Date _____ Date _____ No. _____

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

Indexed C. J. GALLI 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.

Do not extend notes this side of this line.

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76L298 307 Cdb 1-62

76L-298 S & E #307—1-56

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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.	317+00 Inshore	
		9 21				
317+00			+29	181	8.1 Rt edge pvmt	
			+48	140	34.6 Rt Toe Slope	
			+12	104	63.6 " Break	
			42	50	100. Rt	
					T@ 314+65 sight @ S 21	
			90	02	38° 01'	water
			102	-10	40° 28'	
			114	-22	45° 00'	
			155	-63	48° 14'	
			180	-86	51° 12'	
T.P.			080			
				841		

Profile Notes Red. Plotted Job No. 03002 Division No. 11 F. B. 2811 Pg. 169
No. Date Date Survey of Beach Erosion Survey
X-Sec. Notes Chkd. Checked Survey by [illegible] Notes [illegible] Date [illegible]
No. Date Date Map No. Indexed Date

F. B. 2811 Pg. 110 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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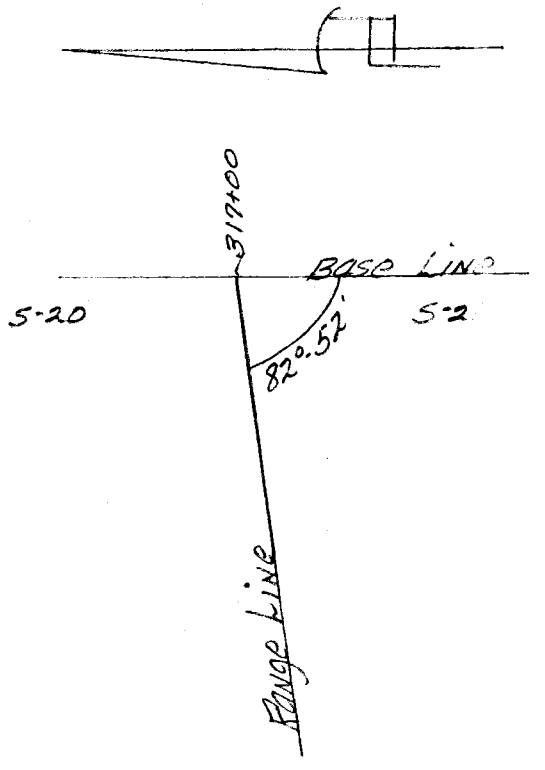
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
317+00	5-21	9:23	1	82°	52'			
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
		9:25	11					



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

No. Date Date Survey of Beach Erosion

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

No. Date Date Map No. Indexed C. J. GALLI Date

F. B. 2811 Pg. 112 | Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach EROSION Date _____ Date _____ No. _____

Survey by C.K. LIND Notes R.S. Rodriguez 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.

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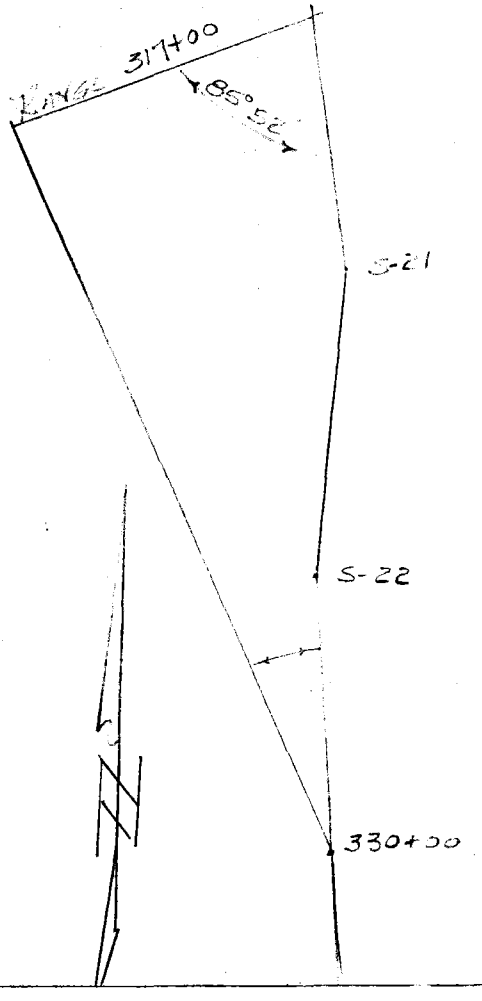
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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+00	S-22	9:23	1	25°	08'			
			2	23°	30'			
			3	22°	15'			3170106
			4	20°	32			
			5	18°	03'			
			6	15°	27'			3170107
			7	13°	36'			
			8	11°	27'			
			9	10°	01'			3170108
			10	08°	39			
		9:25	11	07°	22			
				00	00			3170109
				00	00			
				00	00			
				00	00			3170110
						85	52	
						00	00	
						00	00	3170111
						00	00	
						00	00	
						00	00	3170112



Profile Notes Red. ____ Plotted ____ Job No. 330.02 Division No. 11 F. B. 2811 Pg. 113

No. 1 Date ____ Date ____ Survey of S.E.S. (REDONDO)

X-Sec. Notes Chkd. ____ Checked ____ Survey by LINES Notes ____ Date ____ S-22 ____

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F. B. 2811 PG. 114 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of B.E.S. (REDONDO) Date Date No.

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

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	319+00 Inshore	
	0 70	9 11		8 41		
318+00			+95	12 6	75 Rt edge pvmt	
			+95	12 6	18 Rt Break	
			+55	14 6	29 " Toe slope	
			+30	12 1	63.5 " Break	
			31	6 0	100 "	
					TC 322+00 sight @ 319+00	
			98	13	26° 02'	Water
			87	04	31° 51'	"
			87	04	37° 43'	"
			100	-09	43° 06'	"
			110	-19	47° 18'	"
			135	-44	52° 00'	"
			160	-69	57° 01'	"
			184	-93	60° 30'	"
T.P			209	702		

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F. B. 2011 Pg. 115
No. ____ Date ____ Date ____ Survey of ____ Notes ____ Date ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 116 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

76L-298 S & E #307—1-56

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76L298 307 Cdb 1-62

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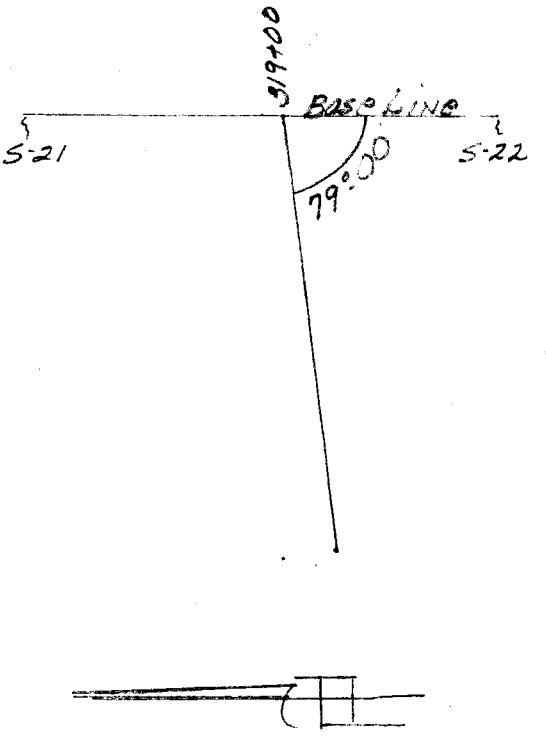
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
319+00	5-22	9:37	1	79°	00'			
			2	00	00			
			3	00	00			3190111
			4	00	00			
			5	00	00			
			6	00	00			3190112
			7					
			8					
			9					
			10					
			11					
			12					
		9:40	13					



Profile Notes Red ____ Plotted ____ Job No. 03000.62 Division No. ____ F. B. 2011 Pg. 117

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

X-Sec. Notes Chkd. ____ Checked ____ Survey by CKLIND Notes RJR Date 8-22-62

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F. B. 2811 PG. 118 | Job No. 030002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of BEACH EROSION Date 8-22-62 Date _____ No. _____ X-Sec.

Survey by C.K. LIND Notes R.J. Rodriguez 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.	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

76L298 307 Cdb 1-62

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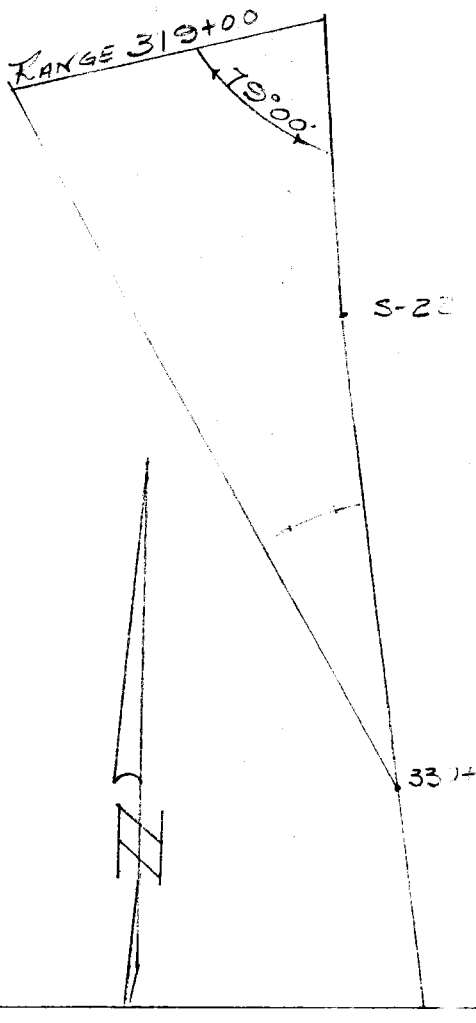
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED IN INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

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-22	9:37	1	34°	24'			
			2	32°	25			
			3	30°	00'			3190109
			4	27°	59'			
			5	26°	15'			
			6	24°	21'			3190106
			7	22°	13'			
			8	20°	02'			
			9	18°	19'			3190107
			10	16°	34'			
			11	14°	49'			
			12	12°	49'			3190108
		9:40	13	10°	55'			
				00	00			
				00	00			3190109
				00	00			
				00	00			
				00	00			3190110



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 03002 Division No. 11 F. B. 2811 Pg. 119
X-Sec. No. ____ Date ____ Date ____ Survey of B.E.S. (REDONDO) Notes ____ Date 8-22-43
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 PG. 120 Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of B.E.S. (REDONDO) Date _____ Date _____ No. _____

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

Indexed _____ 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 Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

76L-298 9 & 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.	320+50	Inshore
	225	9 24		702		
320+50			+102	195	9.0 Rt edge drive	
			+102	195	18.0 " Break	
			+64	157	31.0 " Toe slope	
			+48	141	46.5 " Break	
			+1	52	100 "	
					TG 322+00 sight @ 319+00	
			75	15	46° 51'	Water
			85	08	52° 52'	"
			88	05	58° 20'	"
			97	-04	62° 36'	"
			110	-17	65° 59'	"
			160	-67	70° 03'	"
			165	-72	74° 50'	"
			180	-87	77° 44'	"

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F. B. 3611 Pg. 121
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 122 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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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.

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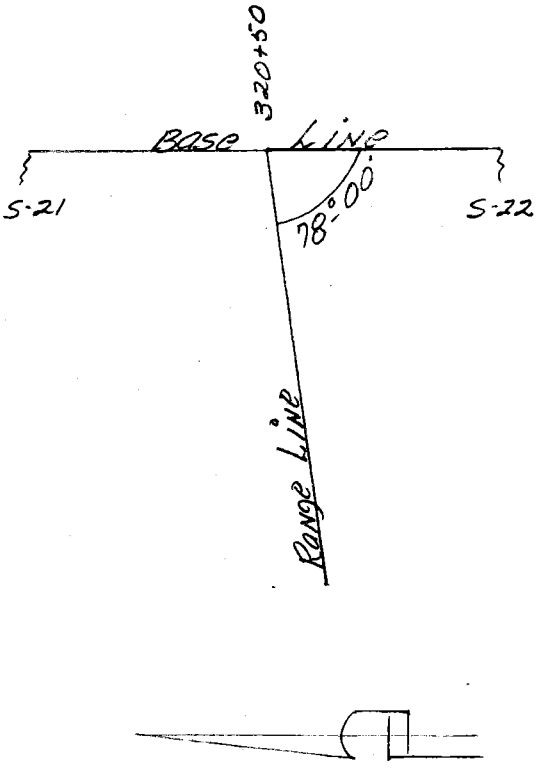
Do not extend notes this side of this line.

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					
320+50	S-22	9:47	1	78°	00'			
			2	00	00			
			3	00	00			3205109
			4	00	00			
			5	00	00			
			6	00	00			3205110
			7					
			8					
			9					
			10					
		9:49	11					



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300 02 Division No. 11 F. B. 6211 Pg. 123

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Beach Erosion Survey by C.K. Lind Notes R.R. Date 8-22-62 Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 PG. 124 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of Beach Erosion Date Date No.

Survey by C-K-Lind Notes R.J. Rodriguez 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	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	For Office Use Only Range Line Min.	For Office Use Only Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

76L298 307 Cdb 1-62

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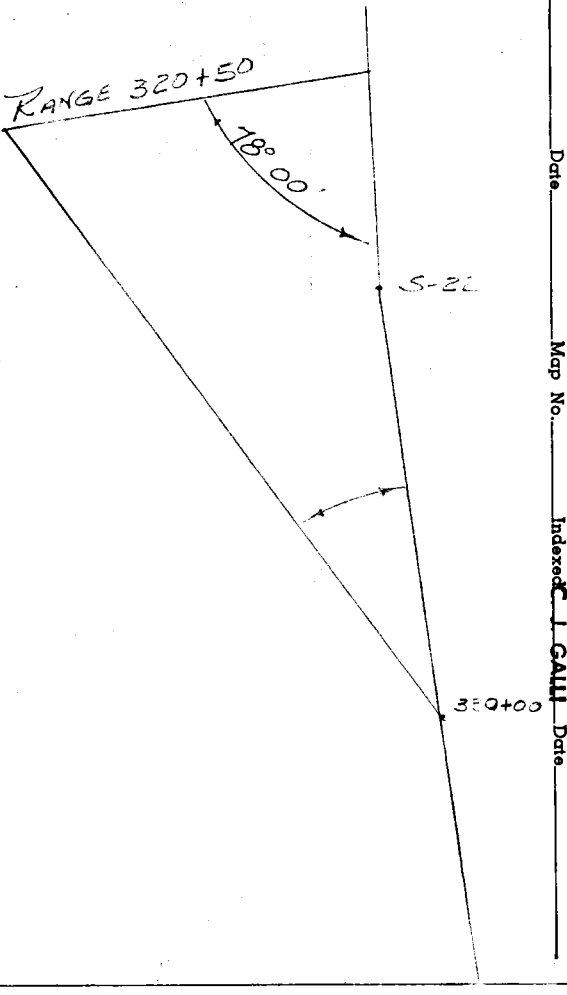
Do not extend notes this side of this line.

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					
330+00	S-22	9:47	1	35°	30'			
			2	31°	34'			
			3	28°	25			3205105
			4	25°	49'			
			5	23°	09'			
			6	21°	20'			3205106
			7	18°	04'			
			8	16°	19'			
			9	14°	29'			3205107
			10	12°	55'			
		9:49	11	11°	40'			
				00	00			3205107
				00	00			
				00	00			
				00	00			3205108



Profile Notes Red. ____ Plotted ____ Job No. 2300-02 Division No. 11 F. B. 2811 Pg. 125

No. ____ Date ____ Date ____ Survey of B.S.S. (RE CONDO)

X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 5-22-62

No. ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 126 Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES (REDONDO) Date 9-52 Date _____ No. _____

Survey by [illegible] Notes [illegible] 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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761298 307 Cdb 1-62

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.	322+00	Inshore
		9 21				
			+114	204	10 edge pvmt	
			+84	177	21 "	
322+00			+40	133	35.5 " Toe slope	
			+10	103	55. Break	
			02	91	59 " Toe slope	
			58	35	100 "	
					T @ 319+00 sight @ 322+00	
			38	05	24°30'	water
			92	[illegible]	[illegible]12'	"
			100	-07	38°14'	"
			108	-15	42°41'	"
			140	-43	44°21'	"
			180	-87	47°57'	"
T.P.			305	622		

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F. B. 2811 Pg. 127
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Ckd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 128 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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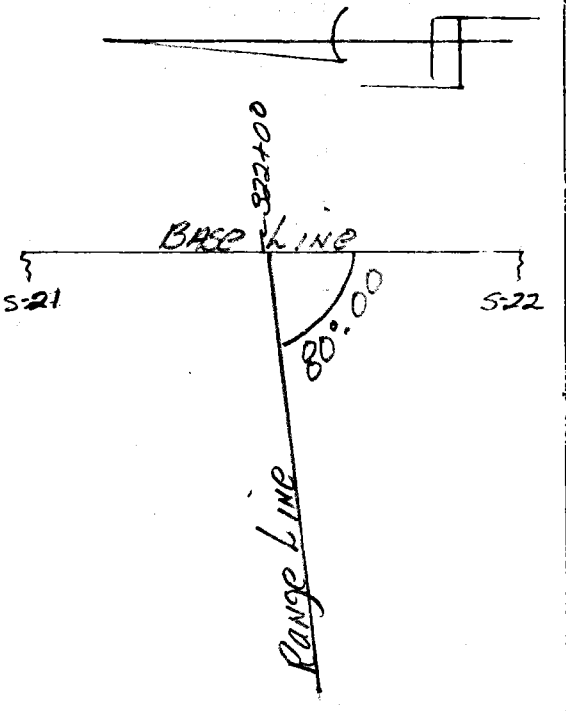
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
322+00	S-22	6:21	1	80°	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. 2300.02 Division No. 11 F. B. 2011 Pg. 124

X-Sec. No. ____ Date ____ Date ____ Survey of Range & Position

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by C.K. Lind Notes R.P. Date 8-23-62

Map No. ____ Date ____ Indexed C. J. GALLI Date ____

F. B. 2811 PG. 130 | 0300.02 Job No. Division No. 11 Notes Red. Plotted

Profile

Survey of BEACH EROSION Date Date No.

X-Sec.

Survey by C.K. LIND Notes Notes Chkd. Checked

Indexed C. J. GALLI 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 Deg.	For Office Use Only Line Min.	For Office Use Only Card No.
322400	5-22	6:24	21					

Do not extend notes this side of this line.

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76L298 307 Cdb 1-62

76L298 307 Cdb 1-62

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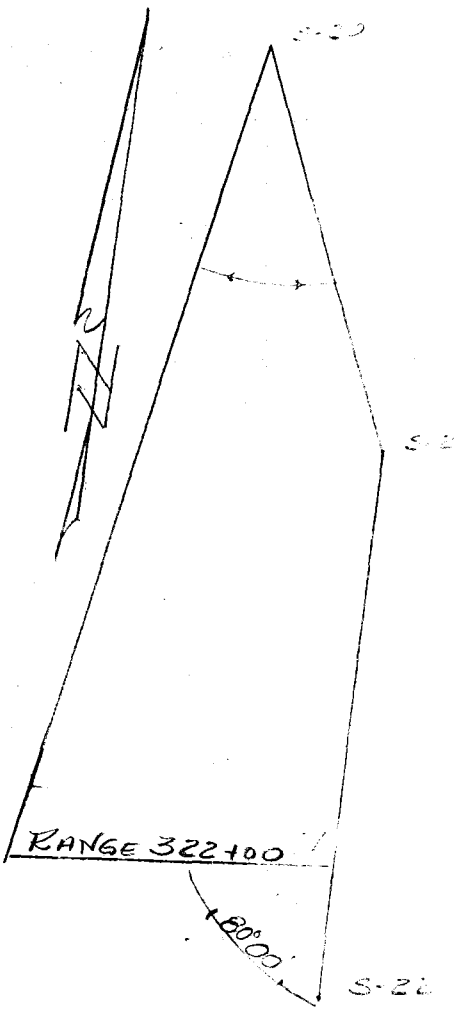
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
S-20	S-21	6:21	1	48°	22'			
			2	47°	09'			
			3	45°	09'			3220107
			4	43°	36'			
			5	42°	26'			
			6	40°	53'			3220108
			7	39°	23'			
			8	37°	32'			
			9	35°	49'			3220109
			10	34°	06'			
			11	32°	19'			
			12	30°	35'			3220110
			13	28°	44'			
			14	26°	49'			
			15	25°	19'			3220111
			16	24°	07'			
			17	22°	50'			
			18	22°	32'			3220112
			19	21°	14'			
			20	20°	05'			



Profile Notes Red.____ Plotted____ Job No. 23[illegible] Division No.____ F. B. 2611 Pg. 131

No.____ Date____ Date____ Survey of [illegible]

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

No.____ Date____ Date____ Map No.____ Indexed C. J. GATH Date____

F. B. 2811 Pg. 132 Job No. 2300-07 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Studies (Redondo) Date 8-62 Date _____ No. _____

Survey by J. Rund Notes J. Yarbro Notes Chkd. _____ Checked _____ X-Sec.

Indexed C. J. GALLI 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.
S-20	S-21	6:25	21	15	18			320113
				00	00			
				00	00			
				00	00			320114

Do not extend notes this side of this line.

761298 307 Cdb 1-62

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76L-298 S & E #307—1-56

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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.	323 + 00	Inshore
T.P.	2 28	8 50		6 22		
			+11 8	2 03	5.0 edge Rd	
323+00			+11 3	1 98	8.5 " Break	
			+5 5	1 40	16.5 " Toe slope	
			+2 5	1 10	44.5 " Break	
			1 3	7 2	62.5	
			5 3	3 2	100.	
					π @ 319+00 sight @ 322+00	
			7 0	1 5	16° 19'	Water
			8 1	0 4	20° 06'	"
			9 0	-0 5	26° 14'	"
			11 2	-2 7	32° 15'	"
			15 0	-6 5	37° 49'	"
			17 5	-9 0	41° 19'	"
			19 0	-10 5	43° 22'	"
T.P.	10 67	18 45	0 72	7 78		
T.P.	7 60	23 71	2 34	16 11		
S-22			3 22	20 49	S-22 Elev. 20.610	F.B. 2100-157

Profile Notes Red. ____ Plotted ____ Job No. 0322 Division No. ____ F. B. 2611 Pg. 133
No. ____ Date ____ Date ____ Survey of ____ Notes ____ Date ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F. B. 2811 PG. 134 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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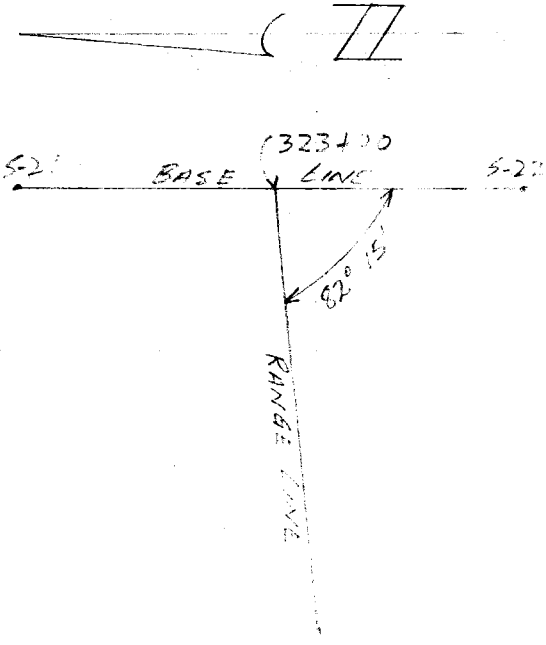
Do not extend notes this side of this line.

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					
323+00	5-22	6:38	1	82	15			
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
		6:42	19					



Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. 11 F. B. 2611 Pg. 35

No. ____ Date ____ Date ____ Survey of BEACH EROSION

X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LINZ Notes S.M. Date 8/3/62

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F. B. 2811 PG. 136 | Job No. _____ Division No. _____ Notes Red. _____ Plotted _____

Profile

Survey of _____ Date _____ Date _____ No. _____

X-Sec.

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____

Indexed _____ Date _____ Date _____ Date _____ No. _____

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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					

76L298 307 Cdb 1-62

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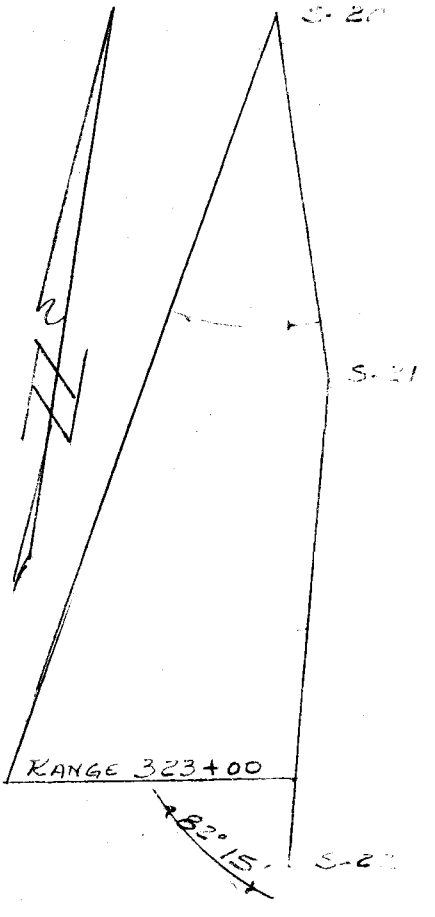
Do not extend notes this side of this line.

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					
S-20	S-21	6:38	1	49°	44'			
			2	48°	33'			
			3	46°	59'			3230107
			4	45°	05'			
			5	43°	03'			
			6	41°	00'			3230108
			7	39°	09'			
			8	36°	40			
			9	34°	23'			3230109
			10	31°	25'			
			11	28°	51'			
			12	26°	35'			3230109
			13	25°	00'			
			14	23°	02'			
			15	21°	05'			3230110
			16	19°	49'			
			17	18°	29'			
			18	16°	30			3230111
		6:42	19	15°	42'			
				00	00			
				00	00			3230112



Profile

Notes Red. ____ Plotted ____ Job No. 2200-93 Division No. 11 F. B. 2011 Pg. 132

No. ____ Date ____ Date ____ Survey of Beach Erosion Studies (Pa ...)

X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 1-23-62

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 PG. 138 Job No. 0300:02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES (REDONDO) Date 8-62 Date _____ No. _____

Survey by C.K. LIND Notes C.G. VALDEZ 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					
				00	00			
				00	00			
				00	00			323014

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76L298 307 Cdb 1-62

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.	324 + 00	Inshore
S-22	3 22	23 83		20 61	S-22 Elev. 20.610	F.B. 2100-157
T.P.	0 38	16 51	7 60	16 23		
T.P.	2 53	8 51	10 63	5 98		
324+00			+12 8	21 3	3.8 Rt edge drive	
			+12 5	21 0	8.8 " Break	
			+58	14 3	26.0 " Toe Slope	
			+34	11 9	45.0 " Break	
			00	8 5	59.0 "	
			50	3 5	100.0 "	
					TG 327+00	Sight @ 324+00
			75	10	25° 52'	Water
			92	-0 7	31° 26'	"
			95	-1 0	39° 41'	"
			115	-3 0	44° 46'	"
			147	-6 2	49° 47'	"
			180	-9 5	54° 43'	"

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 1 F. B. 2611 Pg. 139
No. ____ Date ____ Date ____ Survey of ____ Notes ____ Date ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALL Date ____

F. B. 2811 Pg. 140 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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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.

76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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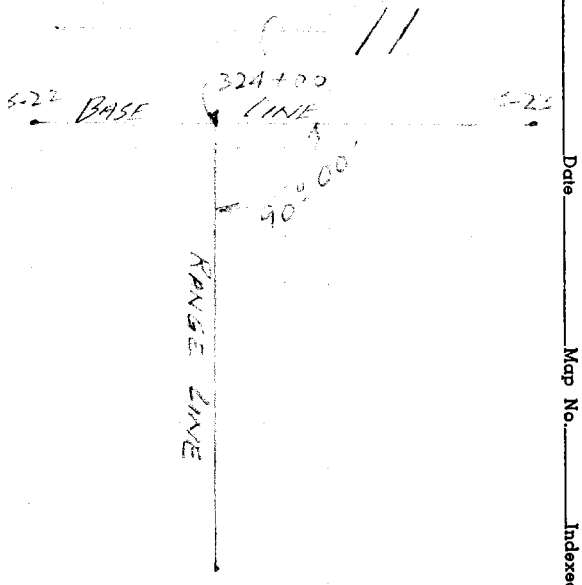
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
[illegible]	[illegible]	7:00	1	90	00			
			2	00	00			
			3	00	00			3240106
			4	00	00			
			5	00	00			
			6	00	00			3240107
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



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

Notes Red.____ Date____ Notes Chkd.____ Date____

Plotted____ Date____ Checked____ Date____

Job No. 03-00-02 Division No. 11 Survey of BEALL EXPRESSWAY Survey by [illegible] Notes [illegible] Date [illegible]

Map No.____ Indexed C. J. GALLI Date____

F. B. 2211 Pg. 144

F. B. 2811 PG. 142 | 0300.02 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of BEACH EROSION Date ____ Date ____ No. ____

Survey by E.K. LIND Notes G.M. Notes Chkd. ____ Checked ____ X-Sec.

Indexed C. J. GALLI 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.
		7:05	22					
			21					

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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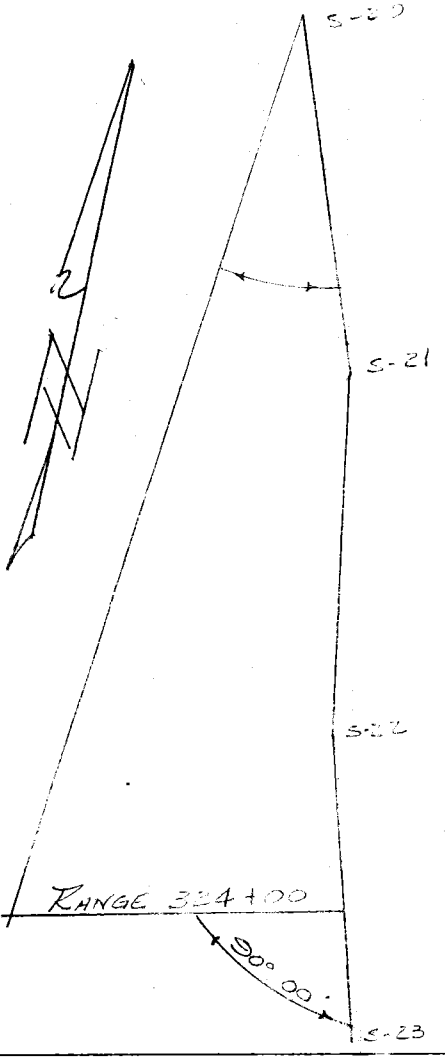
Do not extend notes this side of this line.

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-20	S-21	7:01	1	48°	19'			
			2	46°	20'			
			3	49°	02'			3240108
			4	42°	19'			
			5	41°	49'			
			6	40°	00'			3240107
			7	37°	43'			
			8	35°	40'			
			9	33°	40'			3240109
			10	32°	00'			
			11	29°	55'			
			12	27°	52'			3240110
			13	25°	58'			
			14	24°	19'			
			15	22°	48'			3240111
			16	21°	30'			
			17	20°	32'			
			18	19°	27			3240112
			19	18°	35'			
			20	17°	29'			



Profile

Notes Red.____ Plotted____ Job No. 0300.02 Division No. 11 F. B. 2811 Pg. 143

No.____ Date____ Date____ Survey of BEACH EROSION STUDIES (CONTINUED)

X-Sec. Notes Ckd.____ Checked____ Survey by LAKLAND Notes YALBEE Date 4-23-62

No.____ Date____ Date____ Map No.____ Indexed____ C. J. GALLI Date____

F. B. 2811 PG. 144 Job No. 0300-03 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of BEACH EROSION STUDIES (REDONDO) Date _____ Date _____ No. _____

Survey by LIND Notes E.G. ALVEZ Notes Chkd. _____ Checked _____ X-Sec.

Indexed C. J. GALLI 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.
		1406	22	16	32			
			21	17	18			324013
				00	00			
				00	00			
				00	00			324013
				00	00			
				00	00			324014

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.	325+50	Inshore
		8 51				
			+136	221	6.0 Rt edge pvmt	
			+133	218	12.5 " Break	
325+50			+30	115	45.0 " Toe Slope	
			20	85	67.0 "	
			44	41	100 "	
					T @ 327+00 sight @ 324+00	
			68	17	42° 00'	Water
			82	03	49° 54'	"
			94	-09	54° 32'	"
			100	-15	61° 15'	"
			125	-40	65° 45'	"
			165	-80	70° 29'	"
			185	-100	72° 16'	"
TP			215	636		

Profile Notes Red. ____ Plotted ____ Job No. 03 40.02 Division No. 11 F. B. 2011 PG. 145
No. ____ Date ____ Date ____ Survey of Beach Erosion Survey
X-Sec. Notes Chkd. ____ Checked ____ Survey by F E B Notes F E B Date 2-15-89 Date
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F. B. 2811 Pg. 146 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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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.

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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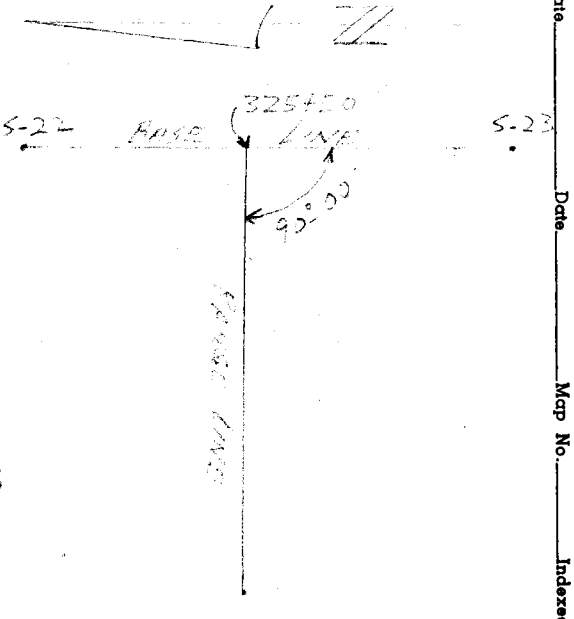
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
3255150	5-23	7:25	1	90	00			
			2	00	00			
			3	00	00			3255106
			4	00	00			
			5	00	00			
			6	00	00			3255107
			7			90	00	
			8			00	00	
			9			00	00	3255206
			10			00	00	
			11			00	00	
			12			00	00	3255207
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile Notes Red. Plotted Job No. Division No. 11 F. B. 2811 Pg. 142

No. Date Date Survey of BERGH SEWER

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

No. Date Date Map No. Indexed C. J. GALLI 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	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					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
		7:30	31					

F. B. 2811 Pg. 148 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile No.

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

Survey by C.K. LMP Notes Chkd. Checked

Indexed C. J. CALL Date Date

76L298 307 Cdb 1-62

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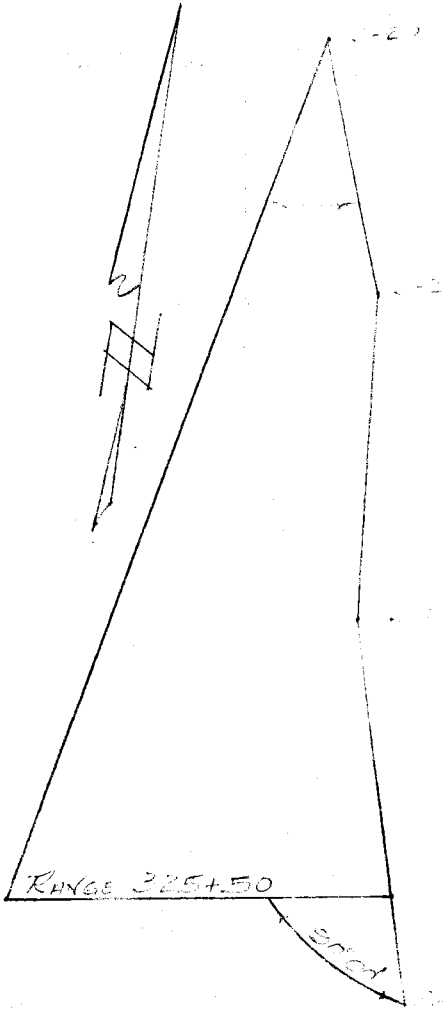
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	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-20	S-21	[illegible]	1	[illegible]	[illegible]			
			2	[illegible]	15'			
			3	59°	25'			3255108
			4	58°	42'			
			5	57°	45'			
			6	56°	35'			3255109
			7	55°	25'			
			8	54°	00'			
			9	52°	49'			3255110
			10	52°	00'			
			11	50°	49'			
			12	49°	11'			3255111
			13	47°	22'			
			14	45°	12'			
			15	42°	55'			3255112
			16	40°	35'			
			17	38°	17'			
			18	35°	35'			3255113
			19	33°	22'			
			20	31°	05'			



Profile Notes Red.____ Plotted____ Job No. 230-06 Division No. 11 F. B. 2311 Pg. 149

No.____ Date____ Date____ Survey of BEACH CROSSING STUDIES (CASTAIC)

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

No.____ Date____ Date____ Map No.____ Indexed C. J. GALLI Date____

76L298 307 Cdb 1-62

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F. B. 2811 Pg. 150 | Job No. 23000-02 Division No. 11 | Notes Red. | Plotted | Profile No.

Survey of BEACH EROSION STUDIES (REDONDO) | Date 3-6-62 | Date | X-Sec. No.

Survey by C. K. LIND | Notes C.G. VALDEZ | Notes Chkd. | Checked

Indexed G. J. GALLI | 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					
S-20	S-21		21	23°	45'			3255114
			22	23°	13'			
			23	21°	20'			
			24	22°	54'			3255115
			25	21°	14'			
			26	19°	55			
			27	13°	45'			3255116
			28	18°	32'			
			29	17'	09'			
			30	15'	41'			3255117
		7:32	31	15	17'			
				00	00			
				00	00			3255208
				00	00			
				00	00			
				00	00			3255209

76L-298 S & E #307—1-56

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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.	327+00	Inshore
T.P.	196	832		636		
			+148	231	7.7 Rt edge pvmt	
			+148	231	14.5 " Break	
			+30	113	51.5 " Toe slope	
			09	77	79.0 "	
			34	49	100.0 "	
					Π @ 324+00 sight @ 328+16	
			75	08	29° 10'	Water
			85	-02	34° 50'	"
			90	-07	40° 46'	"
			112	-29	44° 51'	"
			135	-52	49° 16'	"
			165	-82	52° 14'	"
			190	-107	57° 13'	"

Profile Notes Red. _____ Plotted _____ Job No. 1300.02 Division No. 11 F. B. 2811 PG. 151
No. _____ Date _____ Date _____ Survey of Beach Erosion Survey
X-Sec. Notes Chkd. _____ Checked _____ Survey by LES Notes LES Date 23 Aug
No. _____ Date _____ Date _____ Map No. _____ Indexed C. J. GALL Date _____

F. B. 2811 Pg. 152 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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 #907—1-86

76L298 307 Cdb 1-62

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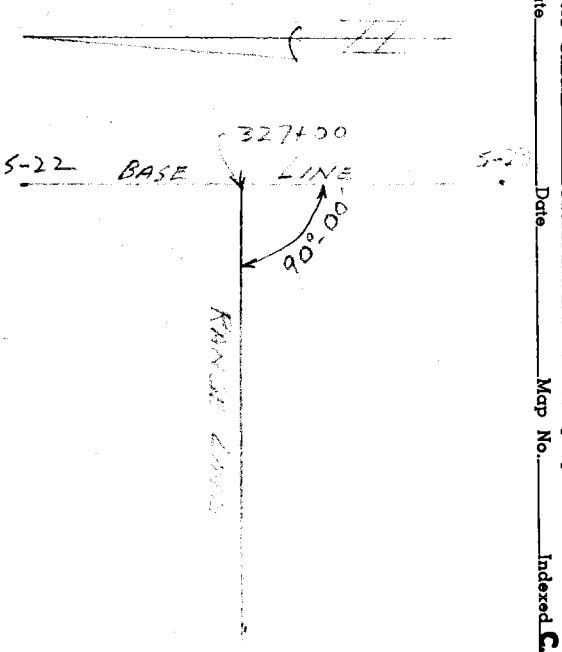
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
327+00	5-23	7:48	1	90	00			
			2	00	00			
			3	00	00			3270106
			4	00	00			
			5	00	00			
			6	00	00			3270107
			7			90	00	
			8			00	00	
			9			00	00	3270206
			10			00	00	
			11			00	00	
			12			00	00	3270207
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile Notes Red. Plotted Job No. 0300.62 Division No. 11 F. B. 2211 Pg. 152

No. Date Date Survey of Section Line

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

No. Date Date Map No. Indexed C. J. GALLI 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					
327+00	5-23		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					
		7:54	31					

F. B. 2811 PG. 154 Job No. 0300.02 Division No. 11 Notes Red. Plotted No.

Profile X-Sec.

Survey of BEACH EROSION Date Date

Survey by C.R. LINO Notes 64.4 Notes Chkd. Checked

Indexed C. J. GALLI Date Date No.

76L298 307 Cdb 1-62

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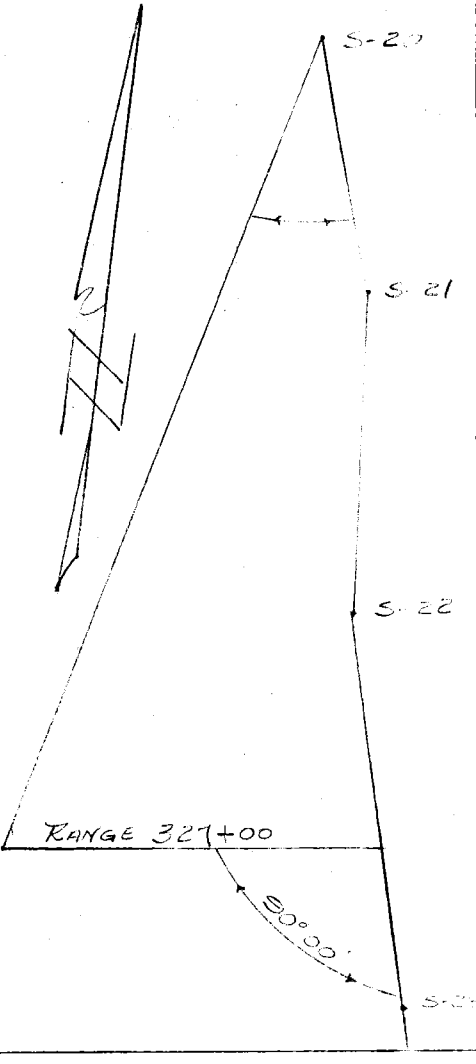
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
S-20	S-21	[illegible]	1	59°	51'			
			2	58°	04'			
			3	57°	19'			3270108
			4	56°	29'			
			5	55°	29'			
			6	54°	04'			3270109
			7	[illegible]	[illegible]			
			8	51°	29'			
			9	50°	51'			3270110
			10	49°	43'			
			11	48°	14'			
			12	46°	39'			3270111
			13	45°	05'			
			14	42°	19'			
			15	41°	37'			3270112
			16	39°	49'			
			17	37°	40'			
			18	35°	20'			3270113
			19	32°	57'			
			20	31°	15'			



Profile Notes Red.____ Plotted____ Job No. 2200-02 Division No.____ F. B. 2911 Pg. 153

No.____ Date____ Date____ Survey of EARTH EROSION STUDIES (REDONDO)

X-Sec. Notes Chkd.____ Checked____ Survey by____ Notes____ Date 8-23-62

No.____ Date____ Date____ Map No.____ Indexed C. J. GALL Date____

76L298 307 Cdb 1-62

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Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

F. B. 2811 PG. 156 Job No. 2300-02 Division No. 11

Survey of BEACH EROSION STUDIES (RECORDS)

Survey by C.C. LIND Notes C.G. VALDEZ

Indexed C. J. GALLI 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					
S-20	S-21		21	25°	14'			3270114
			22	26°	27'			
			23	24°	35'			
			24	22°	45'			3270115
			25	21°	15'			
			26	19°	30'			
			27	18°	15'			3270116
			28	16°	52'			
			29	15°	35'			
			30	14°	07'			3270117
		7:00 A	31	13°	14'			
				00	00			
				00	00			3270208
				00	00			
				00	00			
				00	00			3270209

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.	328+16	Inshore
		8 32				
			+137	220	8.5 Rt edge pvmt	
328+16			+137	220	16.0 " Break	
			+70	153	40 " Toe slope	
			+53	136	59 " Break	
			+31	114	64.5 " Toe slope	
			33	50	100 "	
					T @ 324+00 sight at 328+16	
			65	18	18° 28'	Water
			75	08	22° 02'	"
			80	03	25° 18'	"
			90	-07	27° 30'	"
			90	-07	32° 30'	"
			107	-24	36° 08'	"
			130	-47	39° 50	"
			156	-73	43° 46	"
			170	-87	45° 43	"
			190	-107	47° 30	"

Profile No. ~~X-Sec.~~ Notes Red ____ Plotted ____ Job No. 03001.02 Division No. 11 F. B. 2811 Pg. 135
Notes Blkd ____ Checked ____ Survey of Beach Erosion Survey
Survey by EEB Notes EEB Date 2-3-69
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 158 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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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.	328 + 44	Inshore
		8 32				
T.P.	4 39	9 12	359	4 73		
			+135	22.6	9.0 Rt edge pvmt	
			+135	22.6	15.0 " Break	
			+117	20.8	19.0 " Toe Slope	
			+70	16.1	39.5 " " "	
			+50	14.1	61.0 "	
			+22	11.3	81.8 " Break	
			+05	9.6	35.0 " Toe slope	
			18	7.3	00.0	
					TO @ 333+00 Sight @ 328+44	
			85	06	20° 43'	172' Water
			95	-04	24° 30'	"
			95	-04	27° 54'	"
			110	-19	32° 37'	"
			125	-34	35° 33'	"
			140	-49	38° 49'	"
			160	-69	40° 52	"
			180	-89	43° 27	"

Profile Notes Red. ____ Plotted ____ Job No. 03000.02 Division No. 11 F. B. 2811 Pg. 1359
No. ____ X-Sec. Date ____ Date ____ Survey of Beach Erosion Survey
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by L.K.K. Notes L.K.K. Date 2-Aug
Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 160 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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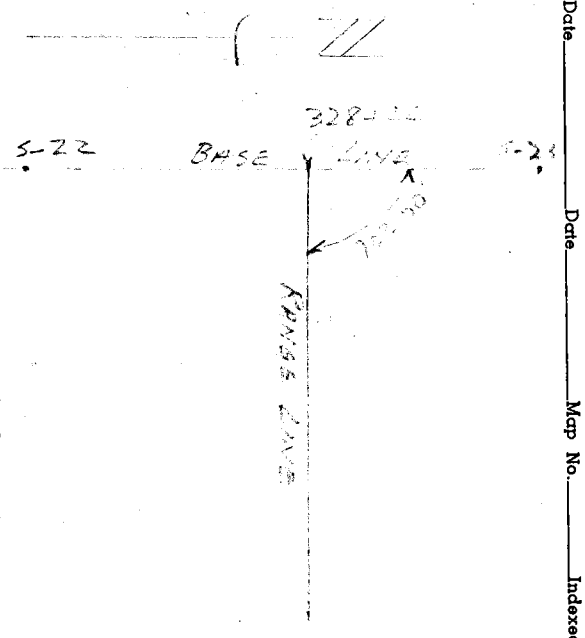
Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range	Line	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch			Deg.	Min.	
3284[illegible]	5-23	8:07	1	90	00			
			2	00	00			
			3	00	00			3284506
			4	00	00			
			5	00	00			
			6	00	00			3284507
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile No. ____ Notes Red. ____ Plotted ____ Job No. ____ Division No. 11 F. B. 2111 Pg. 161

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

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

Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 162 | 0300.02 Job No. ____ Division No. 11 ____ Notes Red. ____ Plotted ____ Profile

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

Survey by C.K. LIND ____ Notes GM ____ Notes Chkd. ____ Checked ____ X-Sec.

Indexed C. J. GALLI ____ 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.
			21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
			29					
		5:13	30					

76L298 307 Cdb 1-62

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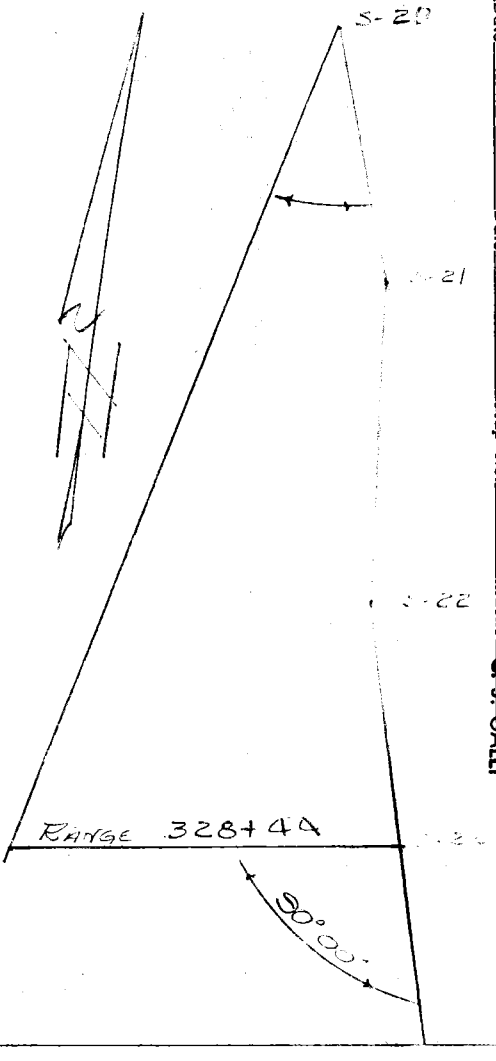
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
		5:07	1	55°	30'			
			2	54°	29'			
			3	53°	43'			3284508
			4	53°	15'			
			5	52°	09'			
			6	50°	43'			3284509
			7	48°	37'			
			8	46°	46'			
			9	45°	31'			3284510
			10	44°	25'			
			11	42°	29'			
			12	39°	46'			3284511
			13	37°	32'			
			14	35°	39'			
			15	33°	25'			3284512
			16	31°	12'			
			17	29°	15'			
			18	27°	07'			3284513
			19	24°	50'			
			20	22°	23'			



Profile Notes Red_____ Plotted_____ Job No. 2300-02 Division No. 11 F. B. 2811 Pg. 62

No._____ Date_____ Date_____ Survey of REACH EXPANSION STUDIES (REDONDO)

X-Sec. Notes Chkd._____ Checked_____ Survey by_____ Notes VIEW Date 12-2-62

No._____ Date_____ Map No._____ Indexed C. J. GALL 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-20	S-21		21	20°	32'			3284514
			22	19°	00'			
			23	17°	47'			
			24	16°	35°			3284515
			25	15°	22'			
			26	14°	01'			
			27	13°	05'			3284516
			28	13°	00'			
			29	12°	39'			
		8:13	30	11°	38'			3284517
				00	00			
				00	00			
				00	00			3284518

F. B. 2811 Pg. 164 Job No. 0230.02 Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION STUDIES (REDONDO)

Survey by C. K. GIND Notes U.S. VALDEZ Date Notes Chkd. Date Checked X-Sec.

Indexed C. J. GALLI Date Date No. 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.	330+00	Inshore
		912				
			+119	~~200~~ 210	8.0 RH edge pvmt	
			+119	~~200~~ 210	16.0 Break	
			+69	160	32.0 " Toe slope	
			+15	106	89.0 "	
			04	87	100.0 "	
			17	44	130.0 "	
					TC @ 333+00 sight @ 328+44	
			92	-01	31° 11'	Water
			95	-04	32° 07'	
			115	-24	35° 09'	
			120	-29	50° 16'	"
			165	-74	54° 10'	"
			190	-99	55° 09	"
T.P.			268	644		
T.P.	222	866				

Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2811 PG. 165
No. ____ Date ____ Date ____ Survey of Beach Erosion Survey
X-Sec. Notes Chkd. ____ Checked ____ Survey by FEF Notes FEF Date 2-14-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 166 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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

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761L-298 S & E #307—1-56

76L298 3D7 Cdb 1-62

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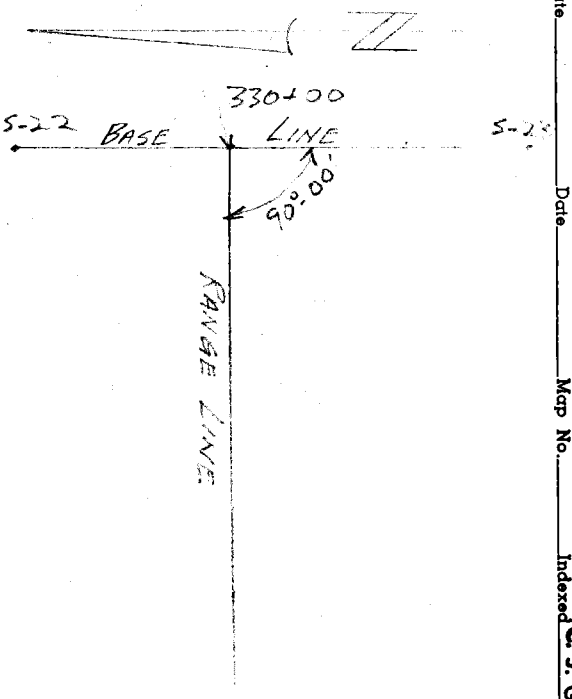
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
330+00	5-22	8:28	1	90	00			
			2	00	00			
			3	00	00			3300106
			4	00	00			
			5	00	00			
			6	00	00			3300107
			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 Date

No. Date Date Map No. Indexed C. J. GALLI Date

F. B. 2611 Pg. 167

76L298 307 Cdb 1-62

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F. B. 2811 PG. 162 | 03002.0 Job No. Division No. 11 Notes Red. Plotted Profile No.

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

Survey by C.K. LIND Notes G.M. Notes Chkd. Checked

Indexed C. I. GALLI 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					
330+00	5-23		21					
			22					
			23					
			24					
			25					
			26					
			27					
			28					
		8:34	29					

76L298 307 Cdb 1-62

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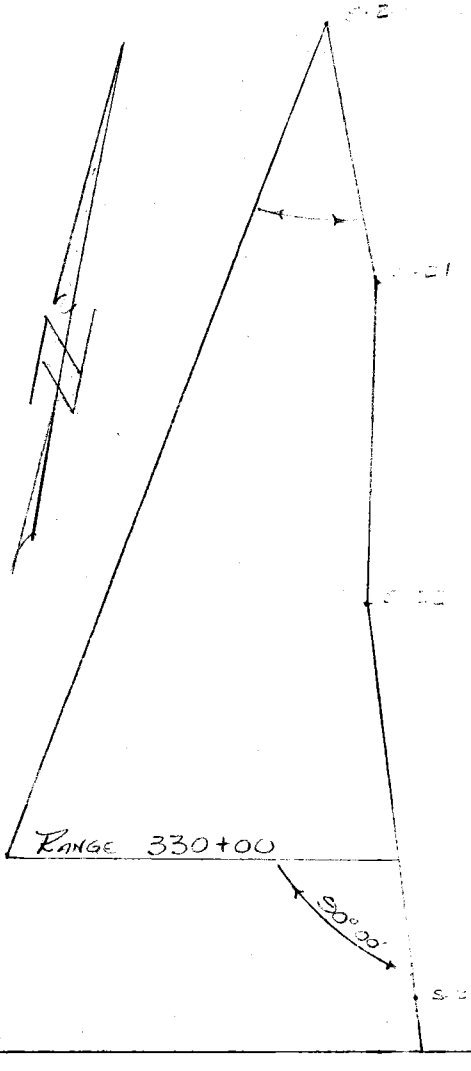
Do not extend notes this side of this line.

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					
S-20	S-21	8:28	1	53°	21'			
			2	52°	31'			
			3	51°	22'			3300108
			4	50°	04'			
			5	49°	00'			
			6	47°	34'			3300109
			7	46°	00'			
			8	44°	45'			
			9	43°	16'			3300110
			10	41°	30'			
			11	39°	52'			
			12	38°	16'			3300111
			13	36°	38'			
			14	34°	52'			
			15	33°	00'			3300112
			16	30°	39'			
			17	28°	29'			
			18	26°	20'			3300113
			19	23°	54'			
			20	21°	29'			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 03306 Division No. 11 F. B. 8811 Pg. 16

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of BEACH EROSION STUDIES (KLUMPH) Survey by ____ Date 2-23-67 Map No. ____ Notes ____ Indexed C. J. GALLI Date ____

76L298 307 Cdb 1-62

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F. B. 2811 PG. 170 Job No. 0300 OL Division No. 1 Notes Red. Plotted Profile

Survey of BENCH EROSION STUDIES (REDONDO) Date No. X-Sec.

Survey by C.K. CINO Notes Chkd. Checked

Indexed C. J. GALLI 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					
S-20	S-21		21	20°	06'			3300114
			22	18°	35'			
			23	17°	23'			
			24	15°	59'			3300115
			25	14°	59'			
			26	14°	01'			
			27	12°	59'			3300116
			28	12°	04'			
		8:34	29	11°	26'			
				00	00			3300117
				00	00			
				00	00			
				00	00			3300118

76L-298 S & E #307—1-56

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Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1300.02 Division No. 11 F. B. 2811 Pg. 171
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Beach Erosion Survey Survey by L.R.B. Notes L.R.B. Date 23 Aug 62
Map No. ____ Indexed C. J. GALLI Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	333+00	Inshore
		866				
			+11 6	20 3	6.0 Rt	Edge pvmt
			+11 6	20 3	15.5 "	Break
			+81	16 8	29.0 "	Toe slope
			+40	12.7	64.5 "	Break
			+26	11.3	106.7 "	
			48	39	165.0 "	
					PI @ 328+44 sight @ 333+00	
			78	09	31° 35'	
			93	-06	34° 45'	
			93	-06	41° 00'	
			100	-13	46° 28'	
			115	-28	50° 30'	
			135	-48	52° 47'	
			152	-65	55° 35	
			180	-93	59° 03'	
TP.			122	744		

F. B. 2811 PG. 172 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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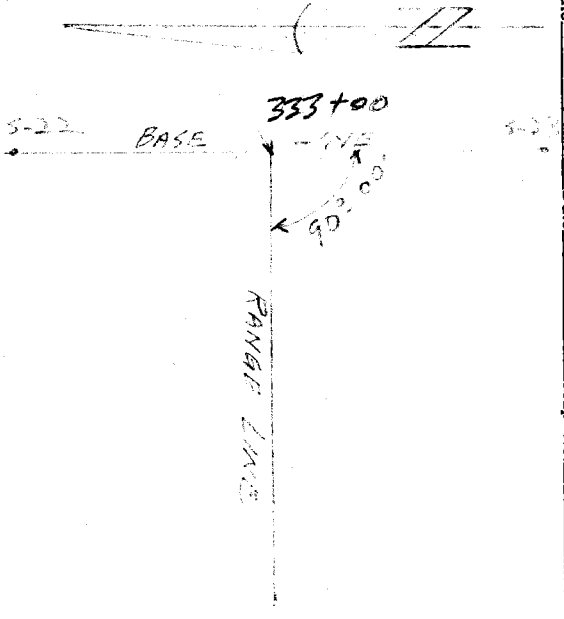
Do not extend notes this side of this line.

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					
3331 00	[illegible]	8:45	1	90	00			
			2	00	00			
			3	00	00			3330106
			4	00	00			
			5	00	00			
			6	00	00			3330107
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile No.____ Date____ Notes Red.____ Plotted____ Job No.____ Division No.____ F. B. ____ Pg. ____

X-Sec. No.____ Date____ Notes Ckd.____ Checked____ Survey of ____ Survey by ____ Notes ____ Date____

Date____ Map No.____ Indexed C. J. GALL Date____

F. B. 2811 PG. 174 | 0300.02 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of BEACH EROSION Date ____ Date ____ No. ____

Survey by G.K. LIND Notes G.M. Notes Chkd. ____ Checked ____ X-Sec.

Indexed C. J. GALLI 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.
8/1/00			21					
			22					
			23					
			24					
			25					
		8/5/1	26					

Do not extend notes this side of this line.

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76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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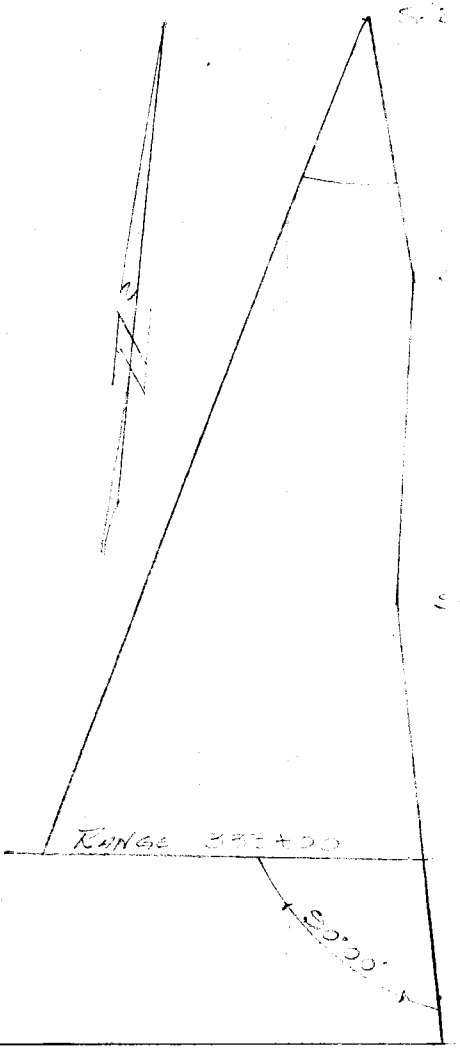
Do not extend notes this side of this line.

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					
S-20	S-21	3:15	1	48°	09'			
			2	47°	13'			
			3	46°	05'			3330108
			4	44°	57'			
			5	44°	00'			
			6	43°	52'			3330109
			7	41°	34'			
			8	40°	39'			
			9	39°	28'			3330110
			10	38°	19'			
			11	36°	49'			
			12	35°	20'			3330111
			13	33°	32'			
			14	31°	21'			
			15	29°	28'			3330112
			16	27°	40'			
			17	26°	03'			
			18	24°	09'			3330113
			19	22°	07'			
			20	20°	05			



Profile

Notes Red_____ Plotted_____ Job No. 2300-C2 Division No. 11 F. B. 2811 Pg. 175

No._____ Date_____ Date_____ Survey of [illegible]

X-Sec. Notes Chkd._____ Checked_____ Survey by [illegible] Notes [illegible] Date 2-1-62

No._____ Date_____ Date_____ Map No._____ Indexed C. J. GALLI Date_____

76L298 307 Cdb 1-62

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F. B. 2811 Pg. 176 Job No. 02200.02 Division No. 11 Notes Red. Plotted Profile

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

Survey by G. K. LIND Notes J. S. YALDEN Notes Chkd. Checked

Indexed C. J. GALLI 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.
5-20	5-21		21	18°	20'			3330114
			22	16°	46'			
			23	15°	44'			
			24	14°	30'			3330115
			25	13°	33'			
		8:51	26	12°	19'			
				00	00			3330116
				00	00			
				00	00			
				00	00			3330117

76L-298 S & E #307—1-56

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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.	335 +00	Inshore
T.P.	134	8 76		744		
			+123	211	6.0 Rt edge Pvmt	
			+123	211	14.0 " Break	
			+100	188	27.7 Toe Slope	
			+37	125	82.0 "	
			+20	108	122 " Break	
			45	43	148 "	
					T@ S-23	sight @ 335+00
			80	08	51° 52'	Water
			80	08	55° 33'	"
			94	-06	60° 59'	"
			105	-17	65° 26'	"
			104	-16	68° 47'	"
			115	-27	72° 12'	"
			135	-47	73° 03'	"
			142	-54	72° 04'	"
			157	-69	73° 09'	"
			170	-82	74° 45'	"
TP			136	742		

Profile Notes Red. ____ Plotted ____ Job No. 2500.55 Division No. ____ No. ____ X-Sec. Date ____ Date ____ Survey of Beach Erosion Survey
No. ____ Notes Clkd. ____ Checked ____ Survey by LEB Notes LEB Date ____ Date ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2001 Pg. 177

F. B. 2811 Pg. 178 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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.

76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

PLEASE RETURN TO

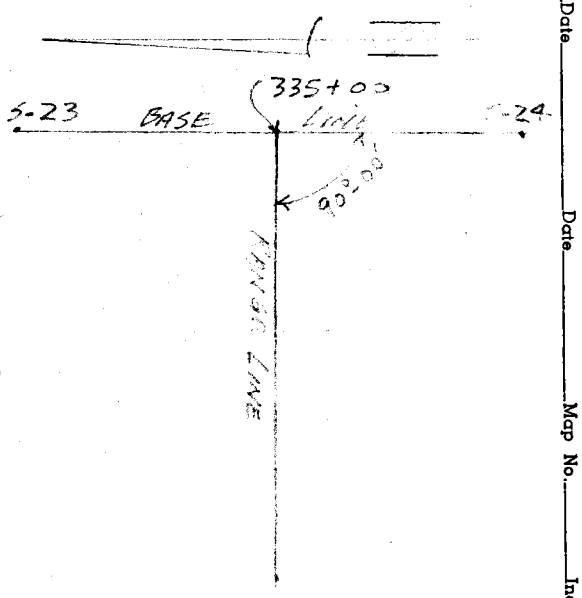
LOS ANGELES COUNTY SURVEYOR

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	Line	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch			Deg.	Min.	
335+00	S-24	9:05	1	90	00			
			2	00	00			
			3	00	00			3350105
			4	00	00			
			5	00	00			
			6	00	00			3350106
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



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

Notes Red ____ Date ____ Notes Chkd ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. ____ Survey of LEGAL DESCRIPTION Survey by ____ Map No. ____

Division No. 11 Notes ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 179

F. B. 2811 PG. 180 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION Date Date No.

Survey by C.K. Hill Notes G.M. Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI Date Date Date No.

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 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.
335+00	5-24		21					
			22					
			23					
			24					
			25					
			26					
		9:10	27					

76L298 307 Cdb 1-62

PLEASE RETURN TO

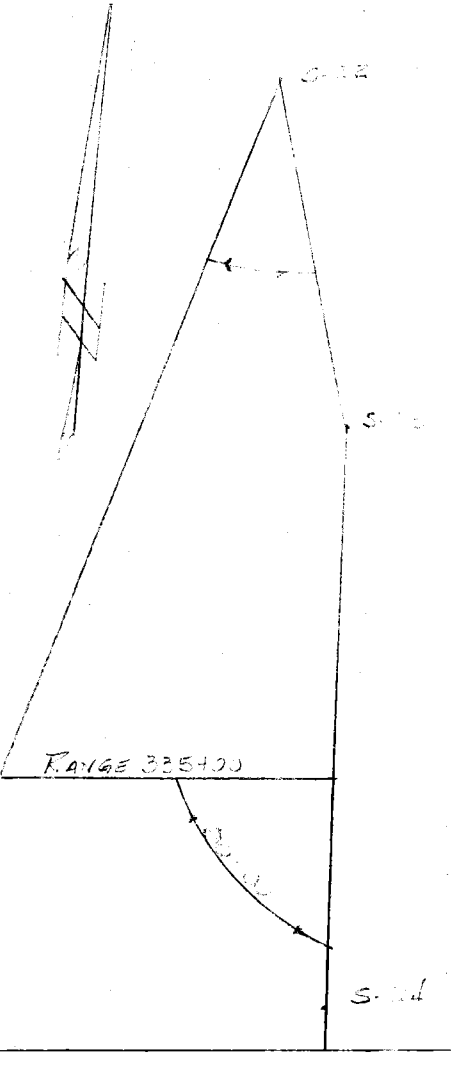
LOS ANGELES COUNTY SURVEYOR

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					
S-22	S-23	9:01	1	71°	11'			
			2	70°	22'			
			3	69	34'			3350107
			4	68°	55'			
			5	67°	56'			
			6	67°	03'			3350108
			7	66°	09'			
			8	65°	06'			
			9	64°	11'			3350109
			10	62°	45'			
			11	61°	13'			
			12	59°	45'			3350110
			13	57°	39'			
			14	55°	34'			
			15	53°	00'			3350111
			16	50°	49'			
			17	48°	05'			
			18	45°	46'			3350112
			19	42°	42'			
			20	40°	05'			



Profile Notes Red_____ Plotted_____ Job No. 5300-12 Division No. 11 F. B. 2811 Pg. 112

No._____ Date_____ Survey of_____

X-Sec. Notes Chkd_____ Checked_____ Survey by_____ Notes Ver. Date 1-23-62

No._____ Date_____ Date_____ Map No._____ Indexed C. J. GALLI Date_____

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 (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.
S-22	S-23		21	36°	39'			3350113
			22	33°	15'			
			23	30°	14'			
			24	27°	29'			3350114
			25	22°	00'			
			26	22°	52'			
9' DEPTH		9:10	27	21°	24'			3350115
				00	00			
				00	00			
				00	00			3350116

F. B. 2811 Pg. 1/20 Job No. 23[illegible] Division No. 11 Notes Red. Plotted Profile

Survey of REDONDO BEACH ELEVATION STUDIES Date Date No. X-Sec.

Survey by C. KLUND Notes C. KLUND Chkd. Checked

Indexed C. J. GALLI Date Date No.

76L-298 S & E #307—1-56

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.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	338+00	Inshore
TP	2 70	10 12		7 42		
			+123	22 4	6.5 Rt edge pvmt	
			+117	21 8	16.0 " Break	
			+73	17 4	38.0 "	
			-19	12 0	94.0 "	
			00	10 12	116.0 Break	
			52	4 9	157.0 "	
					Tot 5-24 sight @ 340+50	
			100	0 1	61°01'	
			100	0 1	63°35'	
			104	-0 3	66°19'	
			130	-2 9	69°56'	
			155	-5 4	71°07'	
			182	-8 1	70°43'	
T.P.			282	7 30		

Profile Notes Red. _____ Plotted _____ Job No. [illegible] Division No. [illegible] F. B. 2811 Pg. 163

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

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

Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date _____

F. B. 2811 Pg. 184 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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.

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

PLEASE RETURN TO

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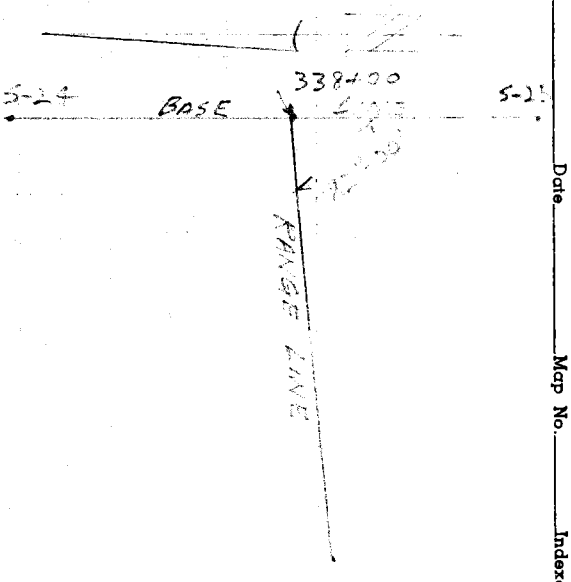
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
338400	[illegible]	9:39	1	92	00			
			2			98	00	
			3			00	00	
			4			00	00	3380106
			5			00	00	
			6			00	00	
			7			00	00	3380107
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
		9:42	18					



Profile Notes Red. Plotted Job No. Division No. 11 F. B. 2[illegible] Pg. 185

No. Date Date Survey of [illegible] EROSION

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

No. Date Date Map No. Indexed C. J. GALLI 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 DEG.	RANGE MIN.	LINE CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					

F. B. 2811 PG. 126

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

Date ____ Date ____ No. ____ Profile

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

Date ____ Date ____ No. ____

Survey of ____

Survey by ____

Indexed ____

76L298 307 Cdb 1-62

PLEASE RETURN TO

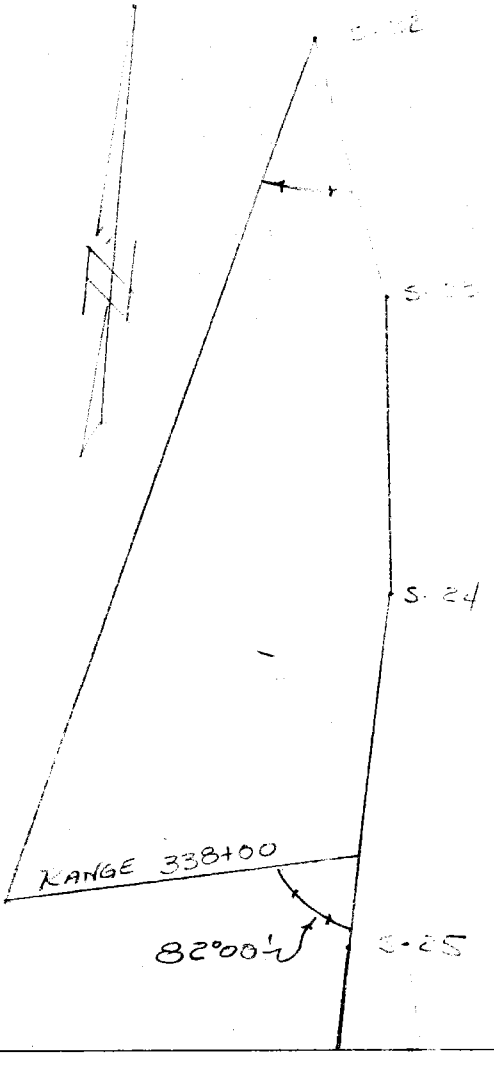
LOS ANGELES COUNTY SURVEYOR

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.	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-22	S-23	9:39	1	51°	29'			
			2	49°	32'			
			3	48°	00'			3380108
			4	45°	43'			
			5	44°	00'			
			6	42°	09'			3380109
			7	39°	21'			
			8	36°	25'			
			9	32°	15'			3380110
			10	29°	49'			
			11	27°	25'			
			12	25°	00'			3380111
			13	22°	42'			
			14	20°	19'			
			15	19°	12'			3380112
			16	18°	02'			
			17	17°	00'			
		9:43	18	16°	12'			3380113
				00	00			
				00	00			
				00	00			3380114



Profile Notes Red.____ Plotted____ Job No. 0300.02 Division No. 11 F. B. ____ Pg. ____

No.____ Date____ Date____ Survey of REDONDO BEACH EROSION STUDIES

X-Sec. Notes Chkd.____ Checked____ Survey by ____ Notes ____ Date____

No.____ Date____ Map No.____ Indexed C. J. GALLI Date____

F. B. 2811 PG. 188 Job No. 030002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of REDONDO BEACH EROSION STUDIES Date 8-62 Date _____ No. _____ X-Sec.

Survey by C.K. LIND Notes C.S. VALDEZ 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.

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.

761.298 307 Cdb 1-62

76L-298 S & E #307—1-56

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.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	340+50	Inshore
T.P.	241	9 71		7 30		
			+114	211	12.0 Rt edge pavmt	
			+100	197	29.3 Rt Break	
			+32	129	72.0 "	
			53	~~37~~ 44	130 "	
					T@ 5-24 Sight @ 340+50	
			90	07	24° 55'	
			90	07	29° 13'	
			110	-13	38° 56'	
			124	-27	44° 02'	
			150	-53	45° 00'	
			180	-83	48° 37'	
T.P.			217	754		
T.P.	11 28	18 82	157	1725		
TBM #3	8 44	25 69	226	2343	TBM #3 Elev. 23 280 F.B. 2100-156	

Profile Notes Red. ____ Plotted ____ Job No. 2106 Division No. 11
No. ____ X-Sec. Date ____ Date ____ Survey of Plot Survey
No. ____ Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 1

F. B. 2811 Pg. 190 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

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

Indexed | Date | Date | Date | No.

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

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.

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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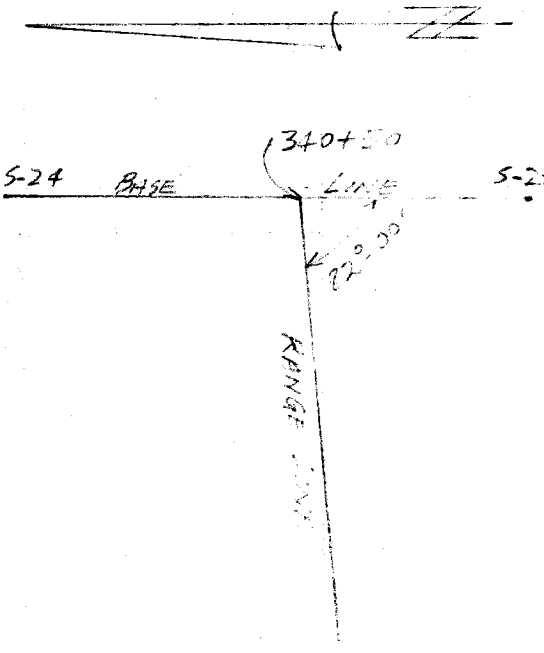
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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-25	9:56	1	82	00			
			2			98	00	
			3			00	00	
			4			00	00	3405106
			5			00	00	
			6			00	00	
			7			00	00	3405107
			8					
			9					
			10					
			11					
			12					
		1:59	13					



Profile Notes Red. Plotted Job No. Division No.
No. Date Date Survey of
X-Sec. Notes Chkd. Checked Survey by Notes Date
No. Date Date Map No. Indexed C. J. CALH Date

F. B. 2811 Pg. 191

F. B. 2811 PG. 192 Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

761.298 307 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					

76L298 307 Cdb 1-62

PLEASE RETURN TO

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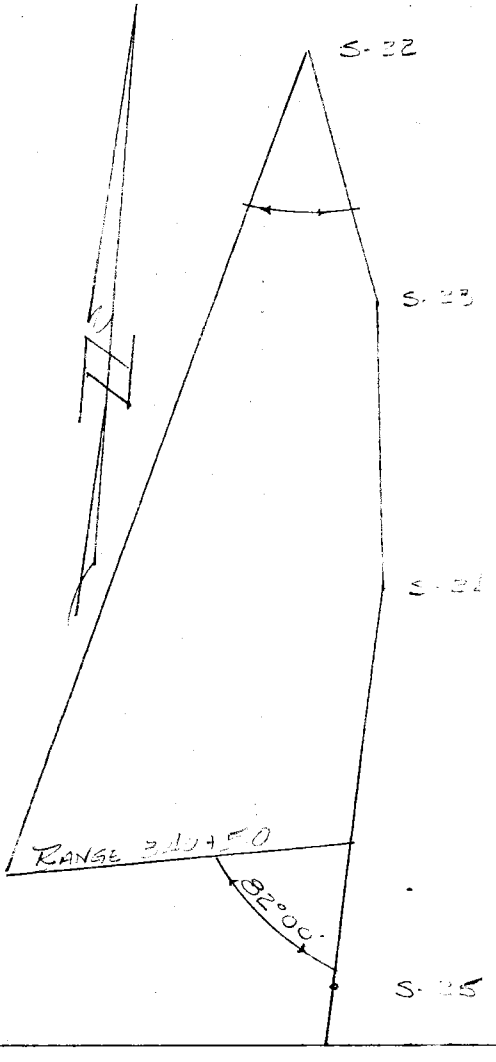
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	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-22	S-23	9:56	1	38°	06'			
			2	36°	09'			
			3	33°	34'			3405108
			4	30°	35'			
			5	28°	25'			
			6	25°	50'			3405109
			7	23°	50'			
			8	22°	50'			
			9	19°	50'			3405110
			10	17°	53'			
			11	16°	04'			
			12	14°	22'			3405111
		9:59	13	13°	14'			
				00	00			
				00	00			3405112



Profile

Notes Red_____ Plotted_____ Job No. 23062 Division No. 11 F. B. 2911 Pg. 125

No._____ Date_____ Date_____ Survey of [illegible]

X-Sec. Notes Chkd_____ Checked_____ Survey by CKB Notes Taken C. J. GALLI Date 6-23-[illegible]

No._____ Date_____ Date_____ Map No._____ Indexed_____ Date_____

F. B. 2811 PG. 194 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. _____

761298 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					

76L-298 S & E #307—1-56

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.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	343+00	Inshore
TBM #3	180	25 09		23 28	TBM #3 Elev. 23.280 F.B. 21 - 15	
TP	246	16 25	11 31	13 77		
TP	242	11 43	7 24	9 01		
343+00			+81	19 5		Center line
			+77	19 1		14.0 Rt Bro
			+22	13 6		34.5" Toe slope
			48	6 6		72.0"
			+80	19 4	46.0 rt Toe slope	
					TG @ S 25 Sight @ 343+00	
			114	0 0	47° 57'	Water
			125	-11	50° 15'	"
			120	-06	60° 31'	"
			130	-16	68° 56'	"
			155	-41	76° 23'	"
			185	-71	80° 02'	"
T.P.			303	0 40		

Profile Notes Red. Plotted Job No. 5300.02 Division No. 11 F. B. 2811 Pg. 145
No. X-Sec. Date Date Survey of Beach Erosion Survey
No. Date Date Notes Chkd. Date Checked Date Survey by Notes Date
Date Date Map No. Indexed C. J. GALLI Date

F. B. 2811 Pg. 196 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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

PLEASE RETURN TO

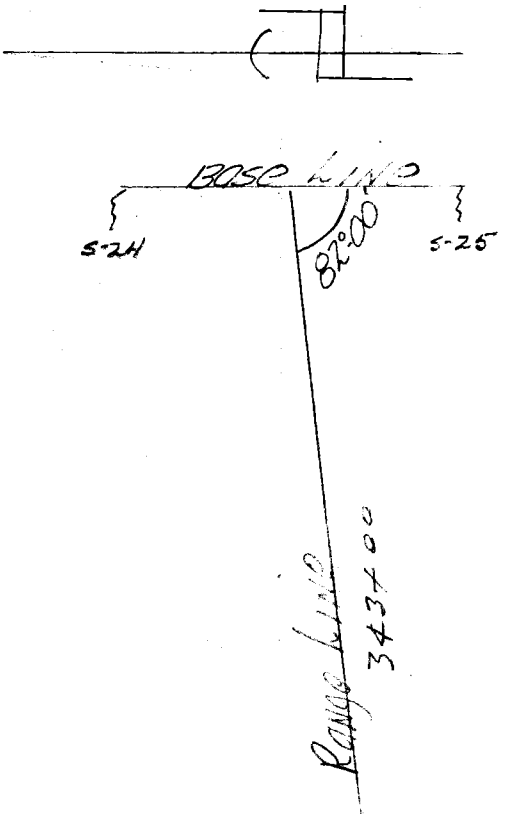
LOS ANGELES COUNTY SURVEYOR

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.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
3430	5-25	6/11	1	82°	00'			
			2	00	00			
			3	00	00			3430113
			4	00	00			
			5	00	00			
			6	00	00			3430114
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile Notes Red. Plotted Job No. 0300.02 Division No. 4 F. B. 6411 Pg. 192

No. Date Date Survey of RANCH EPOSTON

X-Sec. Notes Chkd. Checked Survey by C. K. LING Notes C.R. Date 8-24-62

No. Date Date Map No. Indexed C. J. GALLI Date

F. B. 2811 PG. 198 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of BEACH EROSION Date Date No.

Survey by C. K. LINCI Notes R. J. RODRIGUEZ Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI 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.
343100	5-25			82	00			
		6:17	22					

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.

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76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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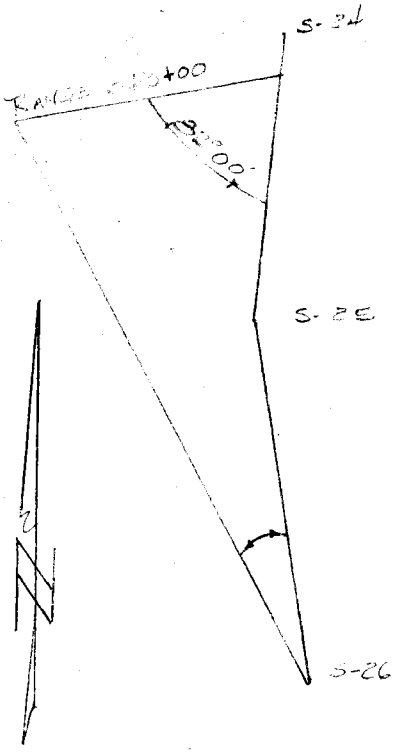
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	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-26	S-25		1					
			2					
			3					3430105
			4					
			5					
			6					3430106
			7					
			8					
			9	11°	[illegible]			3430107
			10	[illegible]				
			11	15°	14'			
			12	14°	03'			3430108
			13	[illegible]	[illegible]			
			[illegible]	11°	[illegible]			
			[illegible]	10°	[illegible]			3430109
			[illegible]	[illegible]	[illegible]			
			[illegible]	[illegible]	[illegible]			
			18	07°	15'			3430110
			[illegible]	08°	22'			
			[illegible]	07°	25'			



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

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

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

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI 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	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-26	[illegible]		21	06°	46′			3430111
		6:17	[illegible]	06°	09′			
				00	00			
				00	00			3430112

F. B. 2811 Pg. 200 Job No. 2300-2 Division No. 11 Notes Red. Plotted

Survey of Kelsey Bench Erosion Studies Date Date No.

Survey by J. Kelsey Notes Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI Date Date Date No. Profile

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.	348+00	Inshore
T.P.	2.13	11.13		8.40		
[illegible]			+23	13.4		Center line
			+14	12.5		13.0 ft break
			17	9.4		28.0 Rt
			63	4.8		60.0 Rt
			+31	14.2	18.0 Lt Toe slope	
					TO 5.25 sight @ 348+00	
			103	0.8	14° 45'	
			125	-1.4	19° 20'	
			120	-0.9	24° 46'	
			125	-1.4	29° 37'	
			142	-3.1	34° 48'	
			170	-5.9	39° 33'	
			185	-7.4	43° 51'	
T.P.			197	9.16		

Profile Notes Rod ____ Plotted ____ Job No. 0300.18 Division No. 11 F. B. 2811 Pg. 201
No. ____ Date ____ Date ____ Survey of Beach Erosion Survey
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes ____ Date 5/4/63 1962
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GAHH Date ____

F. B. 2811 Pg. 202 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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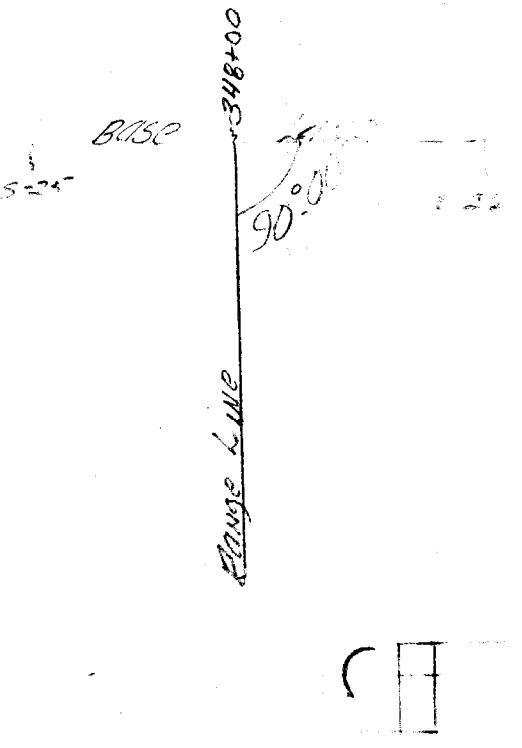
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
348+00	5-26	6:00	1	90°	00			
			2	00	00			
			3	00	00			3480113
			4	00	00			
			5	00	00			
			6	00	00			3480114
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					



Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F. B. 2811 Pg. 205

No. ____ Date ____ Date ____ Survey of ____ Date ____

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

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 PG. 204 | 0300.02 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of Beach Erosion Date ____ Date ____ No. ____

Survey by E. Lund Notes R.J. Rodriguez Notes Chkd. ____ Checked ____ X-Sec.

Indexed C. J. GALLI 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.
34PR00	5-26							
		6:41	23					
			21					

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.

761298 307 Cdb 1-62

76L298 307 Cdb 1-62

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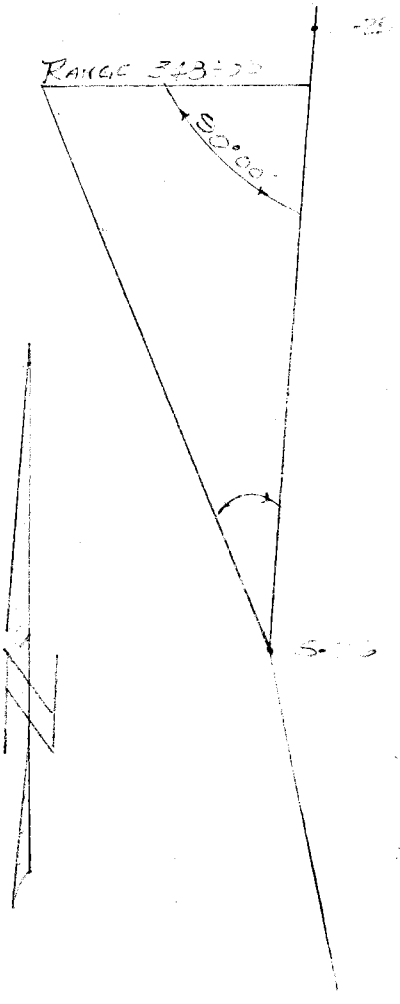
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	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-26	S-27		1	36°	39'			
			2	[illegible]	15'			
			3	[illegible]	32'			3480104
			4	35°	02'			
			5	[illegible]	51'			
			6	[illegible]	00'			3480105
			7	27°	09'			
			8	26°	01'			
			9	24°	52'			3480106
			10	[illegible]	12'			
			11	21°	03'			
			12	19°	06'			3480107
			13	17°	33'			
			14	16°	09'			
			15	14°	32'			3480108
			16	12°	31'			
			17	11°	29'			
			18	10°	24'			3480109
			19	09°	50'			
			20	08°	52'			



Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. 11 F. B. 2811 Pg. 263

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

X-Sec. Notes Chkd ____ Checked ____ Survey by [illegible] Notes [illegible] Date 24-62

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI 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					
			1	[illegible]	[illegible]			3480110
		[illegible]	[illegible]	[illegible]	[illegible]			
				00	00			
				00	00			3480111
				0 0	0 0			
				0 0	0 0			
				00	00			3480112

F. B. 2811 Pg. 206 Job No. [illegible] Division No. 1 Notes Red. Date [illegible] Plotted Date Profile No.

Survey of [illegible] Notes Chkd. Date Checked Date X-Sec. No.

Survey by [illegible] Notes Date

Indexed C. J. GALLI

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.	353+00	Inshore
T.P.	365	12 81		9 16		
T.P.	349	11 10	420	8 61		
353+00			+32	14 3		Control line
			+23	13 4		10.0 Rt Break
			39	7 2		43.0 RT
			54	5 7		60.0 RT
			+47	15 8	9.0 Rt Toe slope	
					T @ 348+00 Sight @ 353+00	
			100	11	11° 00' 97'	
			114	-03	16° 39'	
			115	-04	18° 42'	
			126	-15	24° 25'	
			140	-29	27° 10'	
			164	-53	32° 30°	
			183	-72	38° 35'	
T.P.			203	9 04		

Profile Notes Red. _____ Plotted _____ Job No. _____ Division No. 11 F. B. 2811 Pg. 207
No. _____ Date _____ Date _____ Survey of Beach Erosion Study
X-Sec. Notes Chkd. _____ Checked _____ Survey by _____ Notes _____ Date 2/14/56
No. _____ Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date _____

F. B. 2811 Pg. 208 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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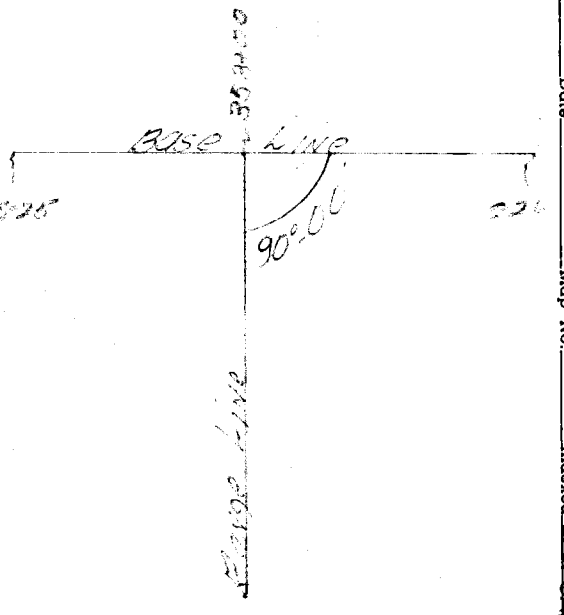
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
353400	5-26		1	90°	00			
			2	00	00			
			3	00	00			3530110
			4	00	00			
			5	00	00			
			6	00	00			3530111
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
		2100	15					



Profile Notes Red. Plotted Job No. 0300.02 Division No. F. B. 2011 PG. 209

No. Date Date Survey of BEACH EROSION

X-Sec. Notes Chkd. Checked Survey by Notes Date 84

No. Date Date Map No. Indexed C. J. GALL Date

F. B. 2811 PG. 21d Job No. 0300 07 Division No. 11 Notes Red. _____ Plotted _____ Profile

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

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

Indexed C. J. GALLI Date _____ Date _____ Date _____ No. _____

761298 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					

76L298 307 Cdb 1-62

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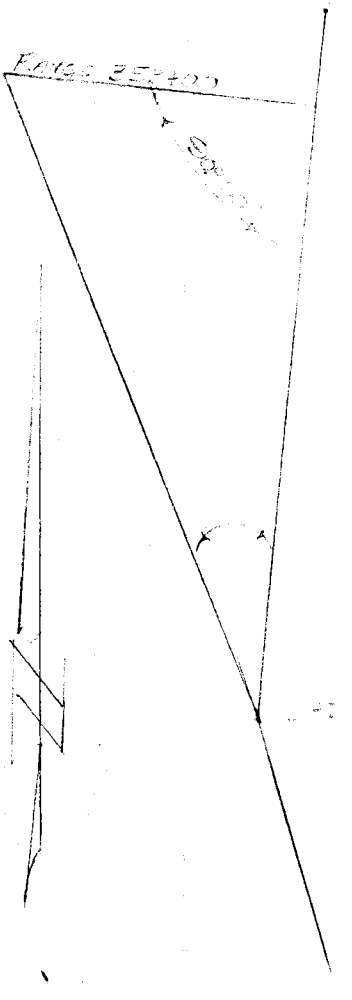
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
S-26	S-25	6:58	1	39	13			
			2	36	12			
			3	33	17			3530104
			4	31	16			
			5	29	00			
			6	26	52			3530105
			7	24	46			
			8	22	56			
			9	20	46			3530106
			10	19	12			
			11	17	00			
			12	14	32			3530107
			13	12	46			
			14	11	07			
		7:00	15	09	18			3530108
			16	00	00			
			17	00	00			
			18	00	00			3530109
			19					
			20					



Profile Notes Red____ Plotted____ Job No.____ Division No.____ F. B. 2811 Pg. 21

No.____ Date____ Date____ Survey of____

X-Sec. Notes Chkd.____ Checked____ Survey by____ Notes____ Date____

No.____ Date____ Date____ Map No.____ Indexed C. J. GALLI Date____

F. B. 2811 PG. 212 Job No. 030012 Division No. 11 Notes Red. _____ Plotted _____ Profile

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

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

761.298 307 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.	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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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.	358+00	Inshore
	296	12 03 ✓		907 ✓		
358+00			+28	148 ✓		Control [illegible]
			+14	134 ✓		13.5 RT.
			07	119 ✓		27.7 RT
			36	84 ✓		43.0 RT
			77	43 ✓		74.0 RT
			+52	172 ✓	33 LT Toe slope	
					T @ 353+00 Sight @ 358+00	
			110	10 ✓	14° 52'	Water
			130	-10 ✓	15° 10'	"
			121	-01 ✓	15° 33'	"
			130	-10 ✓	23° 50'	"
			151	-31 ✓	29° 15'	"
			180	-60 ✓	33° 41'	"
T.P.			243	930 ✓		

Profile No. _____ Notes Red. _____ Plotted _____ Job No. [illegible] Division No. 11 F. B. [illegible] Pg. 213

X-Sec. No. _____ Date _____ Date _____ Survey of Beach Erosion Survey [illegible]

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

Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date _____

F. B. 2811 Pg. 214 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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

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76L-298 S & E #307—1-56

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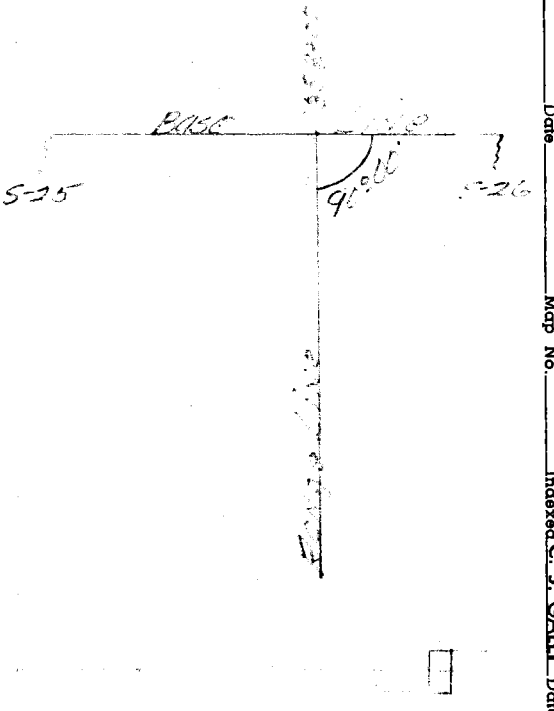
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
358400	5-26	7:15	1	00	00			
			2	00	00			
			3	00	00			3580110
			4	00	00			
			5	00	00			
			6	00	00			3580111
			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 Date

No. Date Date Map No. Indexed C. J. GALLI Date

F. B. 2011 Pg. 215

F. B. 2811 PG. 216 Job No. _____ Division No. _____ Notes Red. _____ Plotted _____

Profile

Survey of _____ Date _____ Date _____ No. _____

X-Sec.

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____

Indexed C. J. GALLI Date _____ Date _____ Date _____ No. _____

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

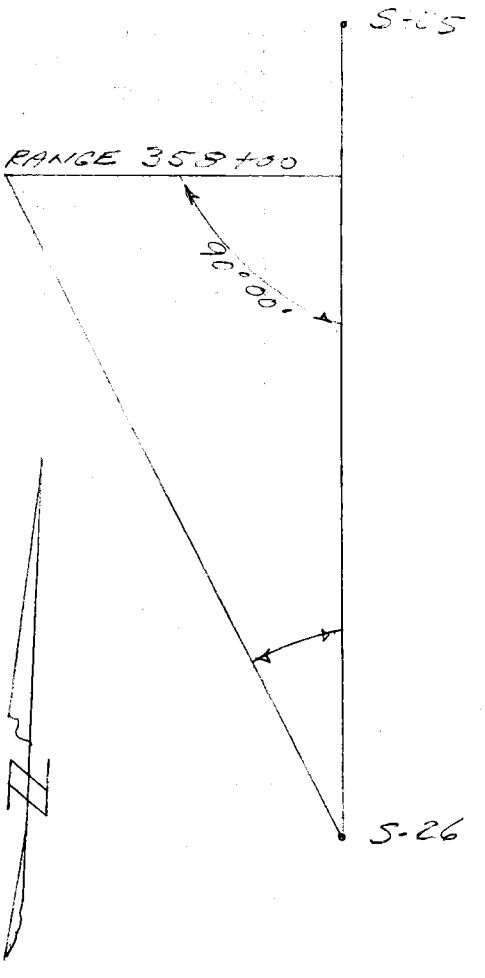
76L298 307 Cdb 1-62

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.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
5-26	5-25	7:15	1	48	43			
			2	46	49			
			3	45	05			3580104
			4	43	00			
			5	40	47			
			6	39	05			3580104
			7	36	37			
			8	35	15			
			9	33	22			3580105
			10	31	25			
			11	29	23			
			12	27	03			3580105
			13	25	00			
			14	22	49			
			15	20	39			3580106
			16	18	37			
		7:18	17	16	37			
			18	23	23			3580107
			19	18	50			
			20	16	16			



Profile Notes Red. ____ Plotted ____ Job No. 0500.02 Division No. 11 F. B. 3111 Pg. 2111
No. ____ Date ____ Date ____ Survey of BENCH PROJECT STUDIES (FEDINO)
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 8-17-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI 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		Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch			Deg.	Min.	
S-26	S-25	7:20	21	14	16			3580108
				00	00			
				00	00			
				00	00			3580109

F. B. 2111 Pg. 218 Job No. 0320.02 Division No. 11 Notes Red. ____ Date ____ Plotted ____ Date ____ Profile No. ____

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

Survey by LAND BAZEN

Indexed C. J. GALLI

76L-298 S & E #307—1-56

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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.	363 + 00	Inshore
T.P.	269	11 99		9 30		
T.P.	245	10 65	409	7 70		
363+00			+26	133		Centerline
			+20	127		44.0 RT Bank
			21	86		63.0 RT
			69	38		100.0 RT
			+35	142	14.5 RT Top slope	
					TC @ 358+00	Sight @ [illegible]
			94	13	15° 38'	Water
			118	-4 31	19° 42'	"
			110	-04 3	20° 33'	"
			122	-15	24° 03'	"
			134	-27	30° 53'	"
			156	-49	34° 09'	"
			180	-73	37° 45'	"
T.P.	732	16 12	185	860		
T.P.	731	23 52	041	1571		
TBM #2			215	2137		

Profile Notes Red. ____ Plotted ____ Job No. 0300.00 Division No. 11 F. B. 2811 Pg. 219
No. ____ X-Sec. Date ____ Date ____ Survey of Beach Erosion Survey
No. ____ Notes Clkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 220 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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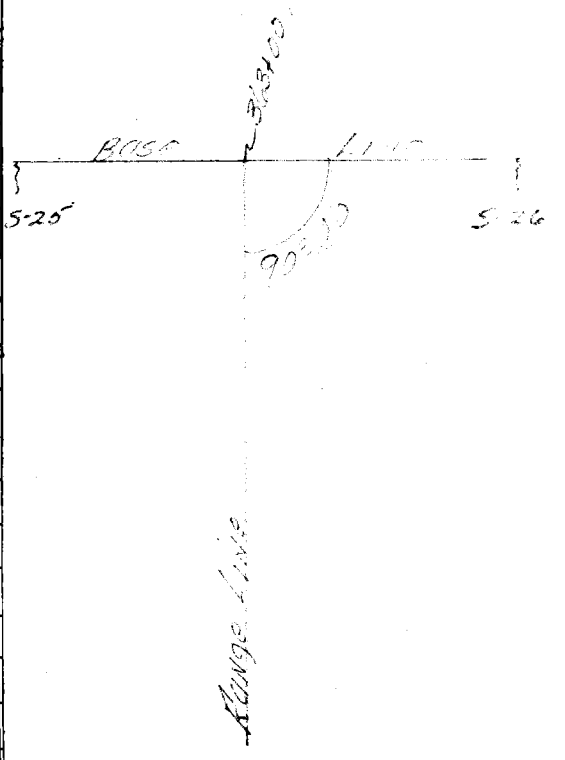
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
[illegible]	[illegible]	7:38	1	90°	00			
			2	00	00			
			3	00	00			3630111
			4	00	00			
			5	00	00			
			6	00	00			3630112
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
		[illegible]	17					



Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F. B. 2411 Pg. 221

No. ____ Date ____ Date ____ Survey of ____

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

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 222 Job No. 2820 32 Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI 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.

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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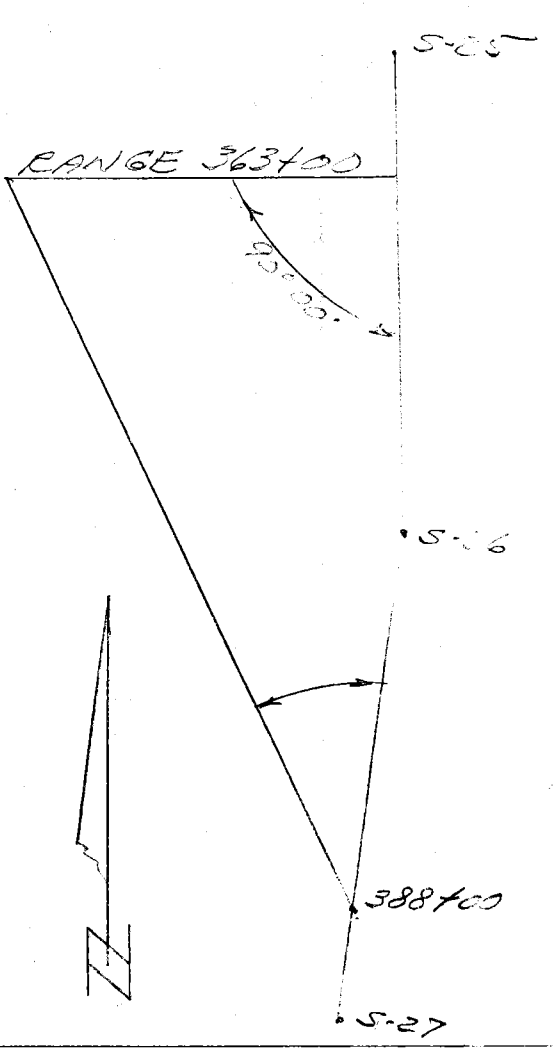
Do not extend notes this side of this line.

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+00	S-26	7:38	1	26	07			
			2	23	55			
			3	22	20			3630105
			4	20	37			
			5	18	45			
			6	17	26			3630106
			7	16	00			
			8	14	33			
			9	13	40			3630107
			10	12	40			
			11	12	20			
			12	11	55			3630108
			13	11	24			
			14	11	00			
			15	09	56			3630109
			16	09	17			
		7:4[illegible]	17	08	37			
			18	00	00			3630109
			19	00	00			
			20	00	00			
				00	00			3630110



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

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of B. E. STAPLES (REVISED) Survey by [illegible] Notes [illegible] Date 5-[illegible]-62 Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 224 Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of B.E. STUDIES (REDONDO) Date _____ Date _____ No. _____

Survey by LIND 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.

76L298 307 Cdb 1-62

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76L-298 S & E #307—1-56

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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.	368+00	Inshore
T.B.M.2				2132	TBM 2 Elev. 2131.9 F.B. 2100 - 155	
T.P.	215	2347	781	1566		
T.P.	106	1672	833	839		
T.P.	186	1025				
363+00			+48	151		Centerline
			+26	129		54.5 Rt
			16	87		79.0 Rt
			44	59		100.0 Rt
			+64	167	24 Lt Toe Slope	
					T @ 363+00 Sight @ S 26	
			96	07	23° 20' 164'	Water
			110	-07	24° 11'	"
			120	-17	29° 05'	"
			125	-22	34° 24'	"
			152	-49	40° 12'	"
			170	-67	43° 22'	"
			186	-83	47° 02'	"
T.P.			285	740		

Profile Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 F. B. 2811 Pg. 2225
No. _____ Date _____ Date _____ Survey of Beach Erosion Survey
X-Sec. Notes Clkd. _____ Checked _____ Survey by C. B. Notes F.B. Date 2/14/69
No. _____ Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date _____

F. B. 2811 Pg. 226 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

LOS ANGELES COUNTY ENGINEER

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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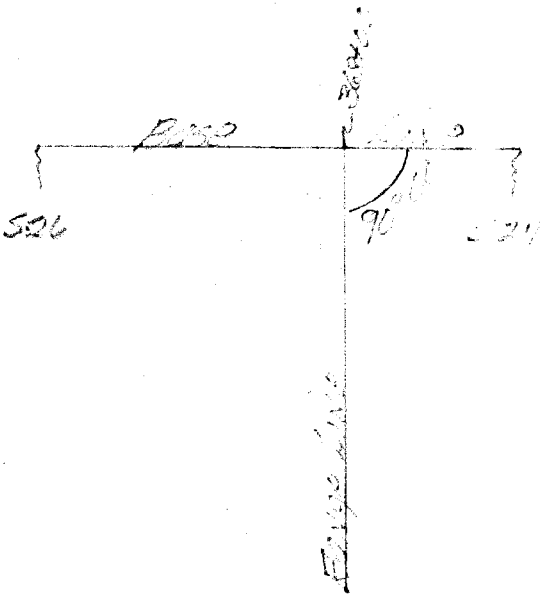
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH			DEG.	MIN.	
3684000	5-27	7:37	1	90°	00'			
			2	00	00			
			3	00	00			3680111
			4	00	00			
			5	00	00			
			6	00	00			3680112
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
		2:00	16					



Profile Notes Red. Plotted Job No. Division No. F. B. 2811 Pg. 227

No. Date Survey of

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

No. Date Date Map No. Indexed C. I. GALLI Date

F. B. 2811 PG. 228 Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Date _____ Date _____ No. _____

Survey by E. Lind Notes R. Rodriguez Notes Chkd. _____ Checked _____ X-Sec.

Indexed C. J. GALLI 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.
7800	527			90°	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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76L298 307 Cdb 1-62

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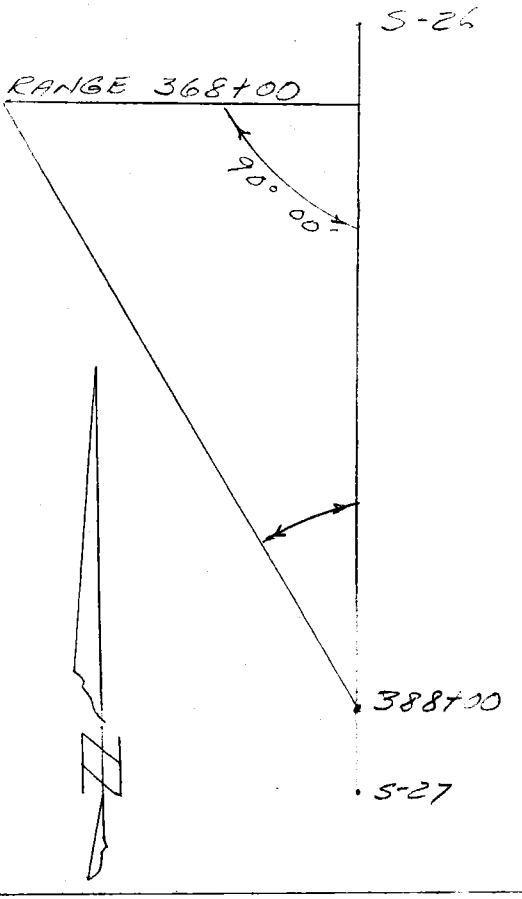
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
388+00	S-26	7:57	1	34	45			
			2	32	37			
			3	30	30			3680104
			4	28	58			
			5	26	52			
			6	25	28			3680105
			7	23	20			
			8	21	35			
			9	19	17			3680106
			10	17	18			
			11	15	15			
			12	13	24			3680107
			13	12	05			
			14	11	05			
			15	10	10			3680108
		8:00	16	09	22			
			17	00	00			
			18	00	00			3680109
			19	00	00			
			20	00	00			
				00	00			3680110



Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Job No. 2300.03 Division No. 11 F. B. 2411 Pg. 2

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of B.E. STUDLEY (REDONDO) Survey by ____ Date 8-24-62 Notes ____ Date ____ Map No. ____ Date ____ Indexed C. J. GALLI

F. B. 2811 Pg. 230 Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of B.E. STUDIES (REDONDO) Date _____ Date _____ No. _____

Survey by LIND Notes BAZEd 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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761.298 307 Cdb 1-62

76L-298 S & E #307—1-56

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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.	373+00	Inshore
T.P.	356	10 96		740		
T.P.	[illegible]	9 31	384	712		
373+00			+47	140		Control line
			+35	128		53.1 Rt. Bre
			14	74		51.7 Rt.
			60	33		90 RT
			+71	1.4	74.0 Lt. Toe Slope	
					T @ 368+00	Sight @ [illegible]
			94	09	13° 51'	water
			100	-07	17° 10'	"
			103	-1 0	20° 34'	"
			125	-3 2	31° 05'	"
			138	-4 5	33° 19'	"
			165	-7 2	36° 55'	"
			185	-9 2	39° 36'	"
T.P.			203	728		

Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2811 Pg. 2351
No. ____ X-Sec. Date ____ Date ____ Survey of Beach Erosion Survey
No. ____ Notes Chkd. ____ Checked ____ Survey by FEES Notes FEES Date Aug 1962
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 232 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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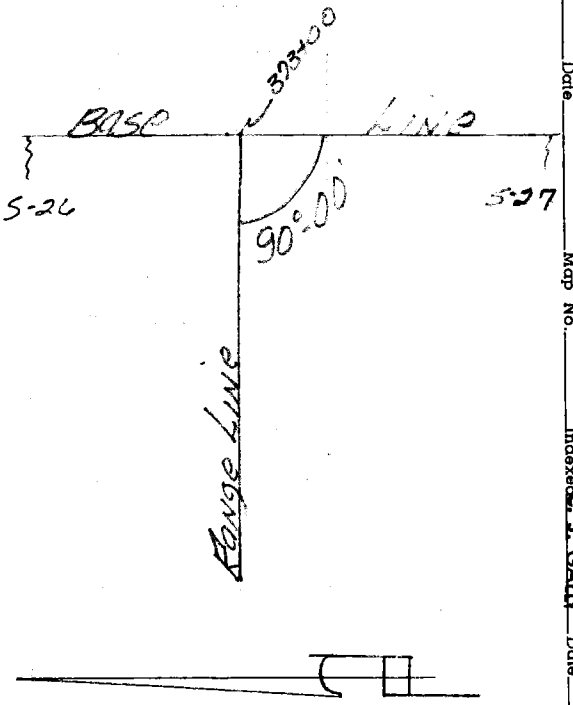
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
373+00	5-27	8:12	1	90°	00'			
			2	00	00			
			3	00	00			3730111
			4	00	00			
			5	00	00			
			6	00	00			3730112
			7					
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
		8:15	18					



Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. 4
No. ____ Date ____ Date ____ Survey of BEACH EROSION
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date ____

F. B. 2011 Pg. 23

F. B. 2811 PG. 234 Job No. 0300 02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Date _____ Date _____ No. _____

Survey by CK-Lind Notes RJ Rodriguez Notes Chkd. _____ Checked _____ X-Sec.

Indexed C. J. GALLI 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.
3393.00	5.20			90°	00			

761298 307 Cdb 1-62

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76L298 307 Cdb 1-62

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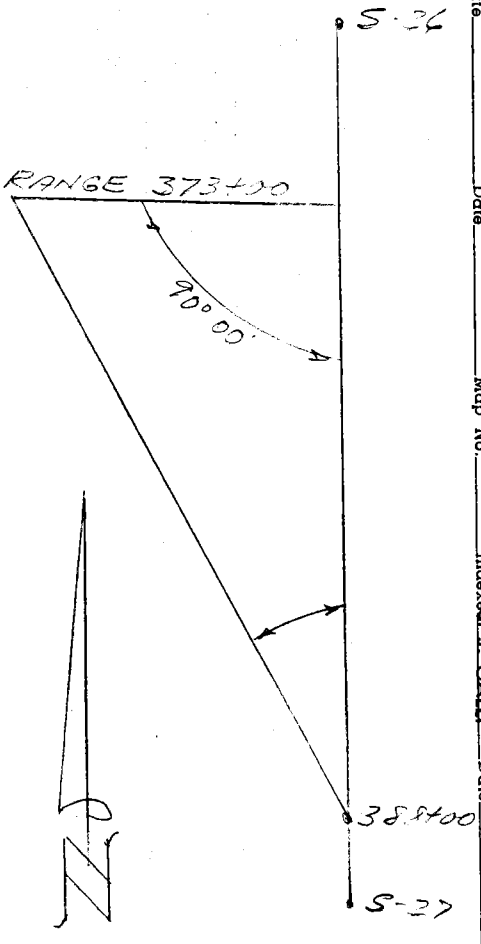
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
388+00	S-26	8:12	1	38	32			
			2	35	42			
			3	33	46			3730104
			4	32	02			
			5	30	10			
			6	28	05			3730105
			7	25	52			
			8	23	37			
			9	21	35			3730106
			10	19	62			
			11	17	20			
			12	16	50			3730107
			13	16	45			
			14	15	16			
			15	13	32			3730108
			16	12	45			
			17	12	07			
		8:15	18	11	22			3730109
			19	00	00			
			20	00	00			
				00	00			3730110



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2011 Pg. 35

No. ____ Date ____ Date ____ Survey of R.E. STUDIES (REDONDO)

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

No. ____ Date ____ Date ____ Map No. ____ Index G. I. GALLI Date ____

F. B. 2011 Pg. 236 Job No. 0300.03 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of B.E. STUDIES (REDONDO) Date _____ Date _____ No. _____

Survey by _____ Notes _____ 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.	For Office Use Only Range Line Min.	For Office Use Only Card No.

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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76L-298 S & E #307—1-56

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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.	378+00	Inshore
T.P.	1 54	8 82		7 28		
378+00			4 47	1 35		Control line
			3 34	1 22		139 RT
			0 00	3 39		34.5 RT
			6 63	2 5		100 RT
			7 8	1 66	59.8 Lt Toe Slope	
					AT @ 373+00	Sight @ 373+00
			8 0	0 8	14° 49'	Water
			9 0	-0 2	19° 05'	"
			9 8	-1 0	25° 14'	"
			12 0	-3 2	30° 05'	"
			15 0	-6 2	34° 49'	"
			18 5	-9 7	35° 44'	"
T.P.	4 23	10 52	1 53	6 29		
T.P.			4 62	5 90		

Profile No. 1-Sec. Notes Red. Date Plotted Date Job No. 2300.03 Division No. 11 Survey of 3 Lots on Sunset Notes Chkd. Date Checked Date Survey by C. J. GALLI Date Notes Date Map No. Date Indexed Date

F. B. 2811 Pg. 237

F. B. 2811 Pg. 238 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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76L-298 S & E #307—1-56

76L298 307 Cdb 1-62

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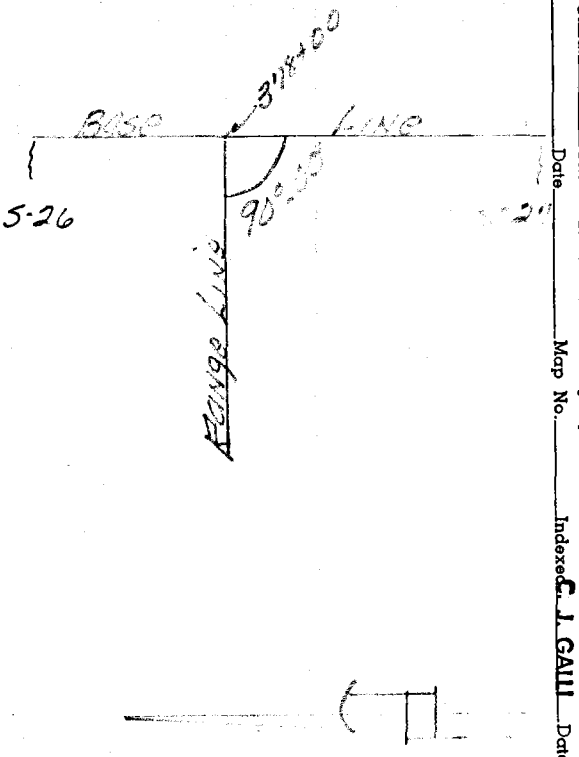
Do not extend notes this side of this line.

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					
378+00	5-27	8:26	1	90°	00'			
			2	00	00			
			3	00	00			3780110
			4	00	00			
			5	00	00			
			6	00	00			3780111
			7					
			8					
			9					
			10					
			11					
			12					
			13					
		8:28	14					



Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 4
No. ____ Date ____ Date ____ Survey of ____ Notes ____ Date ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ 4
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F. B. 2811 Pg. 239

F. B. 2811 PG. 240 | Job No. 0300.02 | Division No. 11 | Notes Red. | Plotted | Profile

Survey of Bonch [illegible] | Date | Date | No.

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

Indexed | Date | Date | Date | No.

Don't Punch	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.

76L298 307 Cdb 1-62

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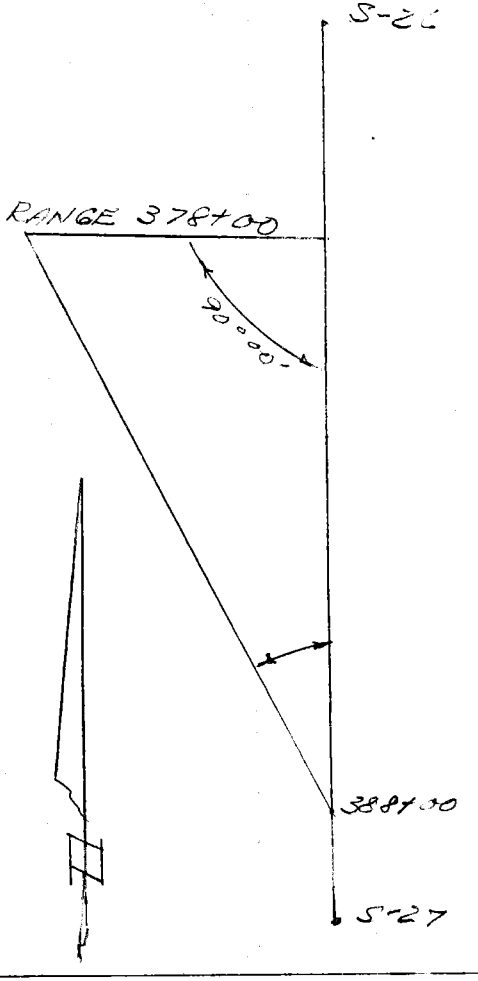
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
388+00	S-26	8:26	1	45	47			
			2	44	02			
			3	41	30			3780104
			4	38	56			
			5	36	29			
			6	34	00			3780105
			7	30	37			
			8	28	52			
			9	25	17			3780106
			10	22	38			
			11	20	00			
			12	17	35			3780107
			13	16	45			
		8:28	14	16	22			
			15	00	00			3780108
				00	00			
				00	00			
				00	00			3780109



Profile Notes Red. _____ Plotted _____ Job No. 03000-37 Division No. 11 F. B. 2111 Pg. 241
No. _____ Date _____ Date _____ Survey of B.E. STUDIES (REDONDO)
X-Sec. Notes Chkd. _____ Checked _____ Survey by [illegible] Notes [illegible] Date 8-24-62
No. _____ Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date _____

F. B. 2811 PG. 242 Job No. Q300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of B.E. STUDIES (REDONDO) Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

761298 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 Line Deg.	For Office Use Only Range Line Min.	For Office Use Only 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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STATION	B. S.	H. I.	F. S.	ELEV.	383+00	Inshore
T.P.	198	788		590		
383+00			+57	136		Control line
			+40	119		19.9 RT. B.C.
			00	79		41.4 RT
			59	20		100. RT
			+81	160	50.3 RT Toe Slope	
					T @ 375+00	Right @ 38[illegible]
			63	11	14°00'	Water
			80	-01	20°59'	"
			85	-06	24°24'	"
			95	-16	27°28'	"
			125	-46	34°00'	"
			150	-71	37°20'	"
			175	-96	39°43	"
			185	-106	42°19'	"
T.P.			291	497		

Profile Notes Red. ____ Plotted ____ Job No. 2300.02 Division No. 11 F. B. 2811 Pg. 243
No. ____ Date ____ Date ____ Survey of Sta. 11 Floods Spring 1962
No. ____ Notes Chkd. ____ Checked ____ Survey by F.E.B. Notes F.E.B. Date 4-4-62
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2811 Pg. 244 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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76L-296 S & E #307—1-56

76L298 307 Cdb 1-62

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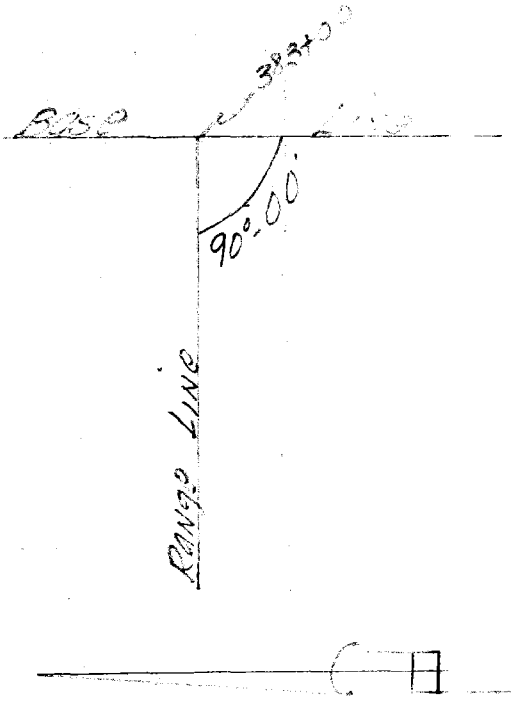
Do not extend notes this side of this line.

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					
383+00	5-27	8:48	1	90°	00'			
			2	00	00			
			3	00	00			3830104
			4	00	00			
			5	00	00			
			6	00	00			3830105
			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 ____ Date ____

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 211 Pg. 243

F. B. 2811 PG. 246 Job No. 0900 00 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of Beach Erosion Date _____ Date _____ No. _____

Survey by C. J. GALLI Notes R. Rodriguez Notes Chkd. _____ Checked _____ ~~X-Sec.~~

Indexed _____ Date _____ Date _____ Date _____ No. _____

C. J. GALLI

76L298 307 Cdb 1-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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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.
33400	5-27		21	90°	00			
		2:33	24					

76L298 307 Cdb 1-62

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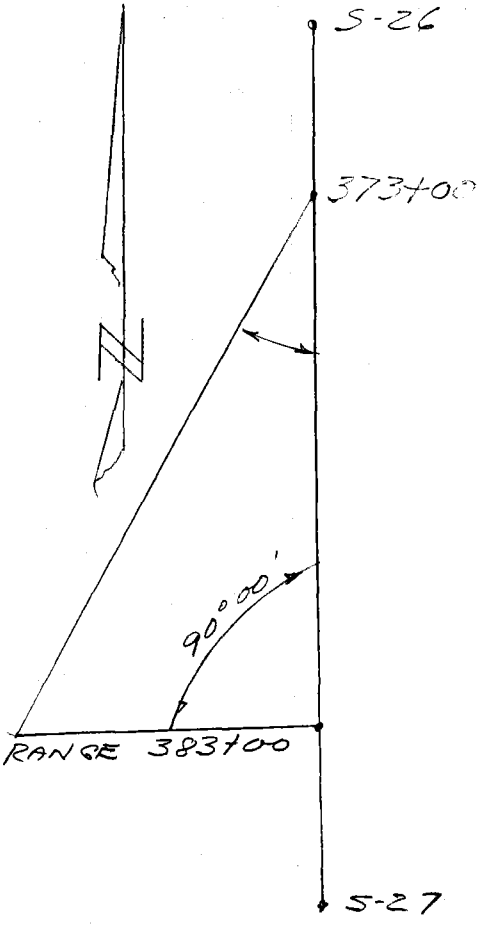
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
373+00	S-27	8:48	1	49	30			
			2	47	07			
			3	44	44			3830106
			4	42	15			
			5	39	52			
			6	37	22			3830107
			7	35	00			
			8	32	40			
			9	30	07			3830108
			10	26	31			
			11	23	45			
			12	21	10			3830109
			13	27	27			
			14	25	22			
			15	22	37			3830110
			16	20	50			
			17	24	17			
			18	22	35			3830111
			19	21	10			
			20	19	15			



Profile Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 F. B. 2111 PG. 34/2

No. _____ Date _____ Date _____ Survey of B.E. STUDIES (REDRAW100)

X-Sec. Notes Chkd. _____ Checked _____ Survey by LIVE Notes 3022 Date 8-24-62

No. _____ Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date _____

F. B. 2811 PG. 248 Job No. 0300.03 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of B.E. STUDIES (REDONDO) Date _____ Date _____ No. _____

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

Indexed C. J. GALLI 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.
			21	17	17			3830112
		853	22	16	00			
				00	00			
				00	00			3830113
				00	00			
				00	00			
				00	00			3830114

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76L298 307 Cdb 1-62

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.	388+00	Inshore
T.P.	498	995		497		
T.P.	281	859	417	578		
388+00			+42	128		Control
			+53	119		74.0 Rt
			14	72		61.0 Rt
			52	34		100.0 Rt
			+58	174	34.3 Lt Top Slope	
					TC @ 383+00	Sighted @ 383+00
			80	06	180° 59'	Water
			90	-04	210° 49'	"
			104	-13	28° 48'	"
			122	-36	34° 59'	"
			151	-65	38° 15'	"
			180	-94	42° 24'	"
T.P.	396	931	326	533		
T.P.			413	518		

Notes Red _____ Plotted _____ Job No. 8500-C.O. Division No. 11 F. B. 5311 Pg. 24
No. _____ Date _____ Date _____ Survey of Beach Erosion Survey
No. _____ Notes Chkd _____ Checked _____ Survey by _____ Notes _____ Date August 13, 1962
No. _____ Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date _____

F. B. 2811 Pg. 250 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date

Survey by Notes Notes Chkd Checked

Indexed Date Date Date

CONT TO F.B. 2912 - 5