Survey of	MALIBU AREA HYD. SUR.
JN 0300.02	Tape — Std — °F
Surveyed by	W. A. RICHARDS
Notes	W. A. R. Date 4-67, 5-67
Indexed	C. J. GALLI NOV 27 '67

F. B. 3794 Pg. 5

J. N. 0300.02

MALIBU AREA HYDROGRAPHIC SURVEYS

CROSS-SECTION SURVEYS

FROM STA. 1076 + 83.73 N.
TO STA. 1222 + 74.36 N., INC.
CONTINUED FROM FB. 3793 PG. 248
CONTROL LINE SURVEYS SEE FB. 3790: 9 - 82, INC.
DATUM = M. L. L. W. TIME = P. S. T.
SURVEY LETTER NO. 4707, 4707-A

RDS	WILSON	DREIER	
EN	ADAMS	WILKS	
GER	MANLEY	SIEMANN	
RILL	TULLIER	MCKNIGHT	
KSON	FISHER	GEROLD	
RWIN		GREGG	SWIMMERS
MONT		AMUNDSON	

Not microfilmed.

Notes Ck'd by	Survey of MALIBU AREA HYDROGRAPHIC SURVEY
Map No.	JN 0500.02 Tape Std °F
Office Work	Surveyed by RICHARDS
Checked	Notes UHARRIET Date 4-24-67
Date	Indexed C. J. GALLI

F. B. 3794 Pg. 7

TIDE GAGE READINGS
APRIL 24, 1967
TIME – P.S.T.
DATUM – M.L.L.W.

TIME	TIDE
6:00	1.8
6:30	2.5
7:00	3.2
7:30	3.7
8:00	4.2
8:30	4.4
9:00	4.5
9:30	4.4
10:00	4.2
10:30	3.8
11:00	3.2
11:30	2.7
12:00	2.0
12:30	1.5
13:00	1.0
13:30	0.7
14:00	0.5

NOTE – TIDE GAGE STATION IS LOCATED AT SOUTH END OF BERTH 60, L.A. OUTER HARBOR.

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

Do not extend this side of this line.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

TO 1-65

F. B. 3794 PG. 8

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76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1076 + 83.73	
T.B.M #13	0 12	1739		17 27	CHIS "X" IN CONC DECK	
T.P.	641	1476	904	835		
			1177	299	LEFT 123 SET 1X2 FLUSH	
			102	46	108 M.H.W. SAND	
			44	104	70 GR. CH.	
			16	132	41 " "	
			145	1331		℄ SET 1X2 FLUSH
			00	148		11 BOT SEA WALL
			+25	173		12 TOP " " CONC DECK
T.P.			223	1253	POT WOOD STEP	
					CUT GUN 1074+32.9	SIGHT ON N-112 4-24-67
T.B.M. #13	0 62	1789		17 27	T.B.M. #13	
			45	134	43 FT. LEFT	
	236	1136	889	900	83 FT " T.P.	
		46 68	49	65	100 FT LEFT	
			68	46	#1 24° 35'	
			95	19	2 33 37	
			108	06	3 35 30	
			164	-56	4 52 24	
			177	-63	DATUM #5 55° 30'	

MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 9
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-24-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. I. GALLI Date ____

765420A - CE 353A - Cdb 9-62

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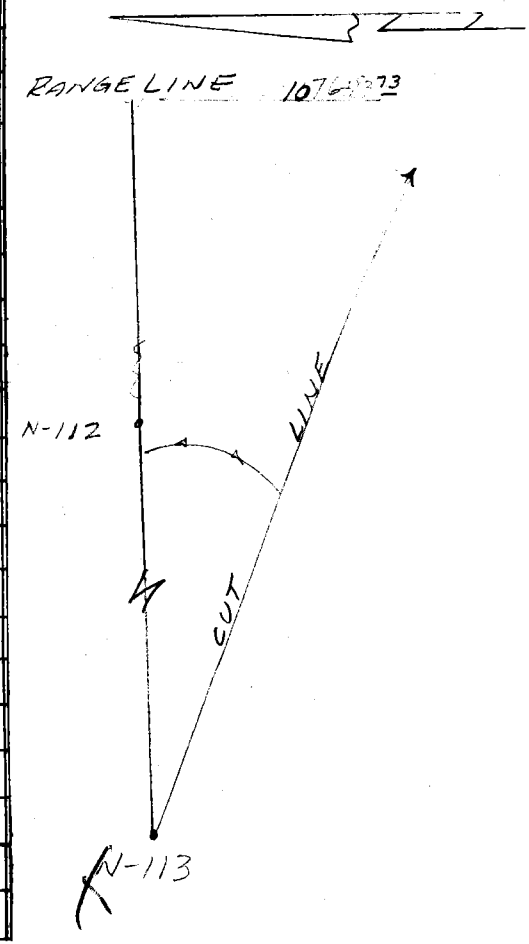
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line. RANGE LINE 1076+83.73 N.

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.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-113	N-112	8:18	1	62°	24'			
			2	59°	58'			
			3	56°	43'			0768814
			4	53°	51'			
			5	51°	20'			
			6	47°	49'			0768816
			7	44°	08'			
			8	41°	05'			
			9	37°	55'			0768818
			10	34°	29'			
			11	27°	28'			
			12	25°	02'			0768820
			13	21°	22'			
			14	18°	42'			
		8:26	15	16°	38'			0768822
				00	00			
				00	00			
				00	00			0768824



Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 11

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

Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-24-67

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

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F. B. 3794 PG. 12 Job No. 0300.02 Division No. 11 Notes Red. 0300.02 Plotted No.

Survey of HYDROGRAPHIC SURVEY Date Date X-Sec.

Survey by RICHARDS Notes J.G 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					
				94	32			
				00	00			
				00	00			0768810
				00	00			
				00	00			
				00	00			0768812
				55	30			
				52	24			
				35	30			0768832
				33	37			
				24	35			
				06	00			0768834
				00	00			
				00	00			
				00	00			0768836
				85	28			
				00	00			
				00	00			0768838
				00	00			
				00	00			
				00	00			0768840

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1079+52.9N	
	063	13.16		1253.	T.P. FROM PREVIOUS PG LEFT	
			1087	229.75	SET 1X2 UP 0.1	
			86	46.46	M.H.W. SAND	
			32	100.8	GR. CH	
			231	1085.		℄ SET 1X2 UP 0.2 RIGHT
			19	113.		23 PILINGS BLDG
			+28	160.		23 WOOD DECK
– T.P.			709	607.		
					CUT GUN ON 1074+32.9 SIGHT ON N-112	
	001	983. 46		982.	T.P. PAGE "X"	4-24-67
			173	-75.	#1 49' 03'	
			176	-78.	2 43 38	
			153	-55.	3 37 11	
			102	-04.	4 24 43	
			98	00.	5 21 58	
			90	08.	6 18 51	
			70	28.	7 15 36	
			52	46.	8 13 48	
			00	98.		℄ SAND

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 13
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-24-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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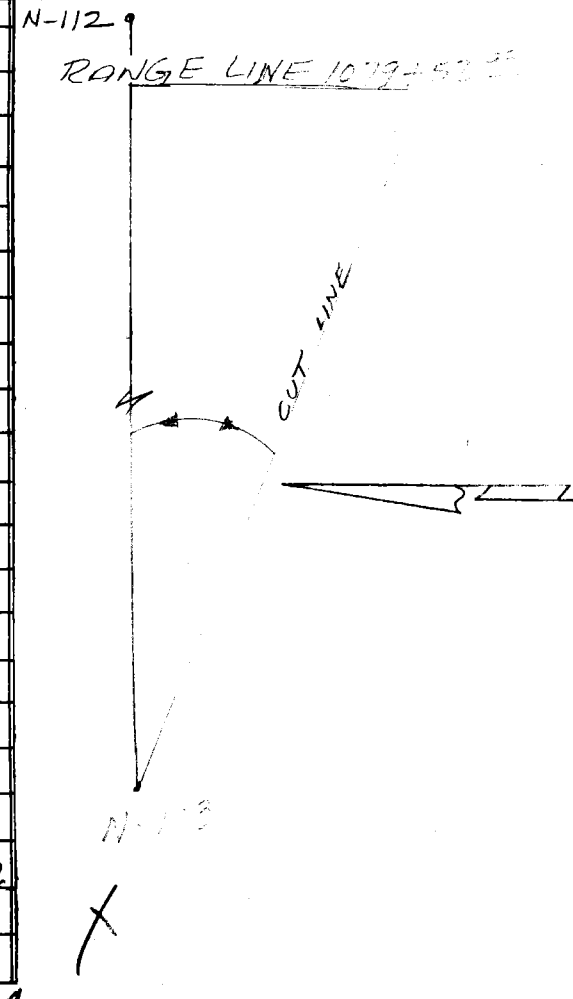
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line. RANGE LINE 1079+52.93 N.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Range Line Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
N-113	N-112	8:37		77°	35'			
				74°	56'			
				71°	59'			0795312
				68°	34'			
				65°	00'			
				62°	08'			0795314
				59°	17'			
			7	57°	42'			
			9	56°	02'			0795316
			10	53°	52'			
			11	50°	24'			
			12	46°	31'			0795318
			13	42°	45'			
			14	40°	55'			
			15	39°	42'			0795320
			16	33°	12'			
			17	29°	57'			
			18	27°	48'			0795322
		8:45	19	25°	06'			
				00	00			
				00	00			0795324



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2300.02 Division No. 11 F. B. 3794 Pg. 15
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.E. Date 4-24-62
Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

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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					
				67	28			
				00	00			
				00	00			0795308
				00	00			
				00	00			
				00	00			0795310
				00	00			
				00	00			
				00	00			0795326
				49	03			
				43	38			
				37	11			0795336
				24	43			
				21	58			
				18	51			0795338
				15	36			
				13	48			
				00	00			0795340
				00	00			
				00	00			
				00	00			0795342

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. 11

Job No. 0300.02

Notes J.G.

Date ____

Survey of HYDRO GRAPHIC SURVEY

Survey by RICHARDS

Indexed ____

F. B. 3794 Pg. 16

76L298 307 Cdb 12-62

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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					
				112	32			
				00	00			
				00	00			0795344
				00	00			
				00	00			
				00	00			0795346
				10	24			
				05	55			
				00	00			0822444
				00	00			
				00	00			
				00	00			0822446
				112	32			
				00	00			
				00	00			0822448
				00	00			
				00	00			
				00	00			0822450
				00	00			
				00	00			
				00	00			0849422

X

To Pg 26 A 3794

Profile Notes Red.____ Plotted____ Job No.____ Division No.____ F. B. 3794 Pg. 16 A

No.____ Date____ Date____ Survey of____

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

No.____ Date____ Date____ Map No.____ Indexed____ Date____

76L298 307 Cdb 12-62

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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						
				00	00				
				00	00				
				00	00			0849444	to pg. 26 A 3794
				00	00				
				00	00				
				00	00			0876522	to pg 31-A 3794
				00	00				
				00	00				
				00	00			0903622	pg 35-A (3794)
				00	00				
				00	00				
				00	00			0930424	
				00	00				to pg 40 A 3794
				00	00				
				00	00			0930448	
				00	00				
				00	00				
				00	00			0930444	← to pg 44-A 3794
				00	00				
				00	00				
				00	00			0982044	← to pg 48 A (3794)

Profile

X-Sec. No.

Plotted Date

Checked Date

Notes Red. Date

Notes Chkd. Date

Division No.

Job No.

Notes Date

Survey of

Survey by

Indexed

PG.

F. B.

76-L-298 CE 307 2-63

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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.	1082+236	
T.P.	395	1002		607	TP FROM PREVIOUS PG	
			860	142	61 SET 1X2 UP 0.1 LEFT	
			54	46	22 M.H.W. SAND	
			173	829		℄ SET 1X2
			33	67		℄ SAND
			17	83		14 BOT BANK RIGHT
			+02	102		22 TOP "
			+05	105		63 GR. CH. BLDG LINE
			+25	125		74 BOT BANK
			+166	266		74 FLOOR BLDG
T.P.			555	447		
					CUT GUN ON 1079+52 93 SIGHT ON 1082+236 4-24-67	
	123	750		627	T.P. PAGE "X" 19 3794 ℄ FLUSH	
			29	46	15 FT. LEFT M.H.W.	
			46	29	#1 5° 55'	
			61	14	2 10 24	
			76	-01	3 17 54	
					RIDGE OF ROCKS BETWEEN #3 & 4	
			92	-17	4 26 38	BAD SURF
			130	-55	5 36 08	
			127	-5.7	DATUM 6 37° 48'	
			134	-5.9	MEAN LOWER LOW WATER 7 40° 05'	

CONT.

Profile Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 17
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-24-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3794 Pg. 18 | Job No. 0300.02 Division No. 11 | Notes Red | Plotted | Profile

Survey of MALIBU AREA HYDRO | Date | Date | No.

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

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

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	
		7 50			CONT
			14 5	.70 8	43° 39

DATUM
MEAN LOWER LOW WATER

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.B.M. #13				17.27	FD CHIS "X" IN E.1Y	END CONC. DECK
	037	17.64				ELEV = 17.27 M.L.L.W.
1079+52.9			782	9.82	RESET 1X2	
	265	12.47				
1082+23.6			620	6.27	" "	
	442	10.69				
1084+34.2			225	8.14 (4.4)	" "	
	396	12.40				
1087+64.9			437	7.73 (8.03)	FD CHIS "X" ON	ROCK NEAR STA. & STA OUT
	584	13.57 (8)				
1090+35.5			504	8.53 (8)	SET PAINT ON	ROCK NEAR STA & STA OUT
	386	12.39 (6)				
1093+03.7			257	9.82 (10.10)	FD PAINT ON	ROCK NEAR STA & STA OUT
	390	13.72 (14.02)				
1095+61.7			415	9.57 (9.87)	SET 1X2 60'	RIGHT
	300	12.57 (8)				
1098+19.7			380	8.77 (9.07)	SET " "	"
	500	13.77 (14.07)				
1100+77.6			547	8.30 (6)	SET 1X2 60'	RIGHT
	622	14.52 (8)				
1103+35.6			851	6.01 (3)	SET 1X2 60'	RIGHT

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 19 "X"
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-24-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLY Date ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
		14.52				
1105+93.5			8.42	6.40	SET 1X2 ℄	
	7.94	14.04				
1108+51.5			6.29	8.05 7.75	" " "	
1111+10.2			4.48	9.56	" " "	
	4.61	14.47				
T.B.M. #14			1.30	12.17 12.87	FD CHIS "X" IN BOT STEP HSE #24420	

DATUM
MEAN LOWER LOW WATER

F.B. 3794 Pg. 20 Job No. 0300.02 Division No. 11 Notes Red Plotted Profile
Survey of HYD. SUR. Date Date No. X-Sec.
Survey by WILSON-DREIER Notes WILSON-DREIER Notes Chkd. Checked
Indexed C.J.GALLI Date Date Date No.

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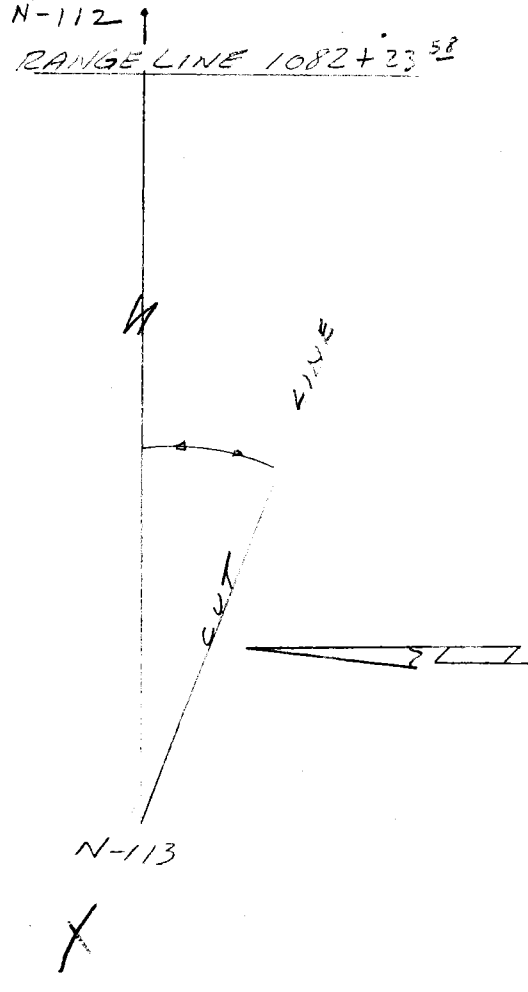
Do not extend notes this side of this line. RANGE LINE 1082+23.58 N.

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					
N-113	N-112	9:06	1	87°	58'			
			2	86°	20'			
			3	84°	55'			0822412
			4	83°	14'			
			5	80°	39'			
			6	78°	19'			0822414
			7	75°	44'			
			8	71°	52'			
			9	67°	55'			0822416
			10	64°	36'			
			11	61°	10'			
			12	58°	22'			0822418
			13	56°	02'			
			14	51°	14'			
			15	47°	31'			0822420
			16	44°	57'			
			17	42°	27'			
			18	34°	50'			0822422
			19	30°	25'			
			20	26°	07'			
				22	00			0822424



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 21
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by RICHARDS Notes J.G. Date 4-24-07
Map No. ____ Date ____ Indexed ____ Date ____ C. J. GALL

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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					
			~~21~~	~~22°~~	~~00'~~			
			22	17°	21'			
		9:12	23	15°	46'			
				00	00			0822426
				00	00			
				00	00			
				00	00			0822428
				67	28			
				00	00			
				00	00			0822430
				00	00			
				00	00			
				00	00			0822432
				43	39			
				40	05			
				37	48			0822440
				36	08			
				26	38			
				17	54			0822442

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

F. B. 3794 Pg. 22 Job No. 0300.02 Division No. 11

Survey of HYDROGRAPHIC SURVEY

Survey by RICHARDS Notes J.G.

Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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403 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.	1084 +94.23 N	
	687	1134		447	T.P. FROM PREVIOUS PG.	
			973	161	68 LEFT SET 1X2 FLUSH	
			67	46	32 M.H.W. SAND	
			112	1022		℄ SET 1X2
			33	80		℄ SAND
			25	88		7 RIGHT GR. CH.
			+05	118		33 BOT BANK
			+120	233		56 TOP "
T.P.			645	489		
					2 E.	4-24-67
					CUT GUN AT 1079+52.93 SIGHT ON 1084+94.23	
	-045	7 9 69		8 44	1X2 PER PAGE 19 "X" ℄	
			170	-9 0 3	1 31° 55'	
			157	-7 7 8 0	2 30 44	
			165	-8 5 8	3 28 32	
			150	-7 0 3	4 22 45	
			104	-2 4 7	ROCKS PARALLEL BEACH BETWEEN 4 & 5	
			79	±8 1 2	5 16 20	
			75	0 5 2	6 11 38	
			59	2 1 8	7 8 59	
			31	4 9	#8 5° 20'	

DATUM
MEAN LOWER LOW WATER 32FT LEFT M.H.W.

Profile Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 23
No. ____ Date ____ Date ____ Survey of MALIBU HYD RD
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-24-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76S420A - CE 353A - Cdb 9-62

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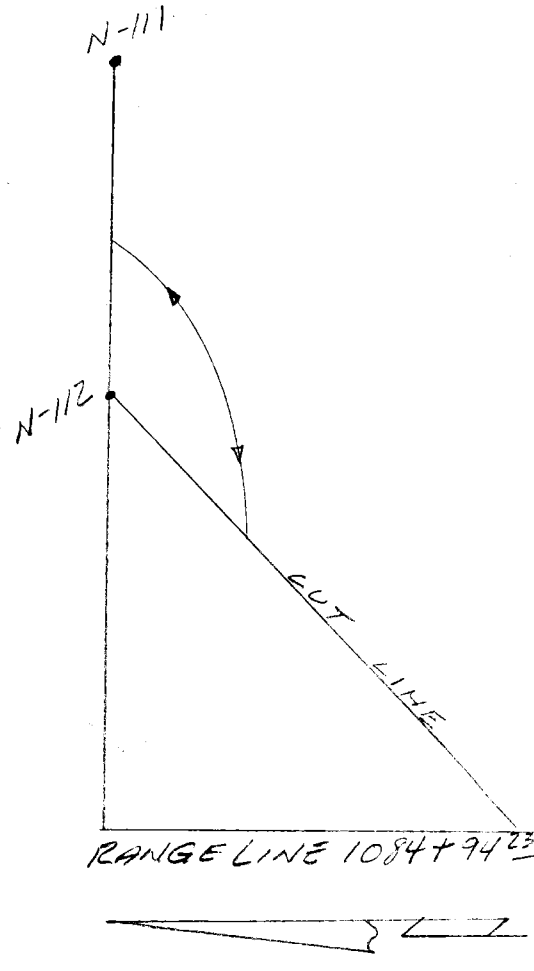
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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. RANGE LINE 1084+94.23 N.

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					
N-112	N-111	9:39	1	110°	20'			
			2	110°	57'			
			3	112°	19'			
			4	113°	19'			
			5	114°	43'			
			6	116°	24'			
			7	117°	52'			
			8	118°	57'			
			9	119°	35'			
			10	120°	22'			
			11	121°	38'			
			12	122°	26'			
			13	124°	53'			
			14	126°	21'			
			15	126°	48'			
			16	129°	40'			
			17	132°	20'			
			18	136°	02'			
			19	137°	02'			
		9:45	20	139°	17'			



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 3794 PG. 25
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by Notes Date
No. Date Date Map No. Indexed C. J. GALLI Date

F. B. 3794 Pg. 26 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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					

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

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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.	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					
				69	40			
				69	03			
				67	41			0849408
				66	41			
				65	17			
				63	36			0849410
				62	08			
				61	03			
				60	25			0849412
				59	38			
				58	22			
				57	34			0849414
				55	07			
				53	39			
				53	12			0849416
				50	20			
				47	40			
				43	58			0849418
				42	58			
				40	43			
				00	00			0849420

X

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____ Date____

F. B. 3794 Pg. 25 A

76L298 307 Cdb 12-62

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Do not extend notes this side of this line.

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Notes Date

Job No. Notes Date

Survey of

Survey by

Indexed

F. B. 3793 PG. 26 A

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					
				112	32			
				00	00			
				00	00			0849424
				00	00			
				00	00			
				00	00			0849426
				31	55			
				30	44			
				28	32			0849434
				22	45			
				16	20			
				11	38			0849436
				08	59			
				05	20			
				00	00			0849438
				00	00			
				00	00			
				00	00			0849440
				112	32			
				00	00			
				00	00			0849442

Notes Ck'd by	Survey of MALIBU AREA HYDROGRAPHIC SURVEY
Map No.	JN0300.02 Tape Std °F
Office Work CKD	Surveyed by RICHARDS
Checked	Notes UNABRIDGED Date 4-25-67
Date	Indexed C.J. GALLI

F. B. 3794 PG. 27

TIDE GAGE READINGS
APRIL 25, 1967
TIME – P.S.T.
DATUM – M.L.L.W.

TIME	TIDE
6:00	0.1
6:30	0.7
7:00	1.5
7:30	2.1
8:00	2.8
8:30	3.3
9:00	3.6
9:30	3.8
10:00	3.9
10:30	3.8
11:00	3.5
11:30	3.3
12:00	2.8
12:30	2.3
13:00	1.9
13:30	1.5
14:00	1.2

NOTE – TIDE GAGE STATION IS LOCATED AT SOUTH END OF BERTH 60, L.A. OUTER HARBOR.

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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76F3095 CE#310 1-65

F. B. 3794 PG 28

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76-L-298 CE 307 2-63

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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.	1087+64.9	
	406	895'		489	· T.P. FROM PREVIOUS PG	
			828	067	·30 LEFT SET 1X2 FLUSH	
			424	471	·	℄ SET 1X2
			60	30	·	℄ SAND RIGHT
			44	46	·	21 M.H.W. SAND
			13	~~103~~ 77		39 BOT SEAWALL WOOD
			+90	180	·	40 TOP " "
T.P.			125	770	· SET CHIS "X" IN ROCK	OPP. W. END SEA WALL
					1 E.	
		8.30		803	CUT GUN 1084+94.23, SIGHT ON 1087+64.9	
	027	~~800~~		~~773~~	T.P. X ON ROCK PER PAGE +19 "X"	
			34			20 FT RT M.H.W
			53	~~27~~ 30		℄
			80	~~00~~ +03	1 7° 20'	
			85	-05 2	2 14 41	ROCK
			80	~~00~~ +03	3 20 50	
			125	-~~45~~ 42	4 30 17	
			146	-~~66~~ 63	5 35 40	
			166	-~~86~~ 83	6 39 40	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 29
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-24-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

765420A - CE 353A - Cdb 9-62

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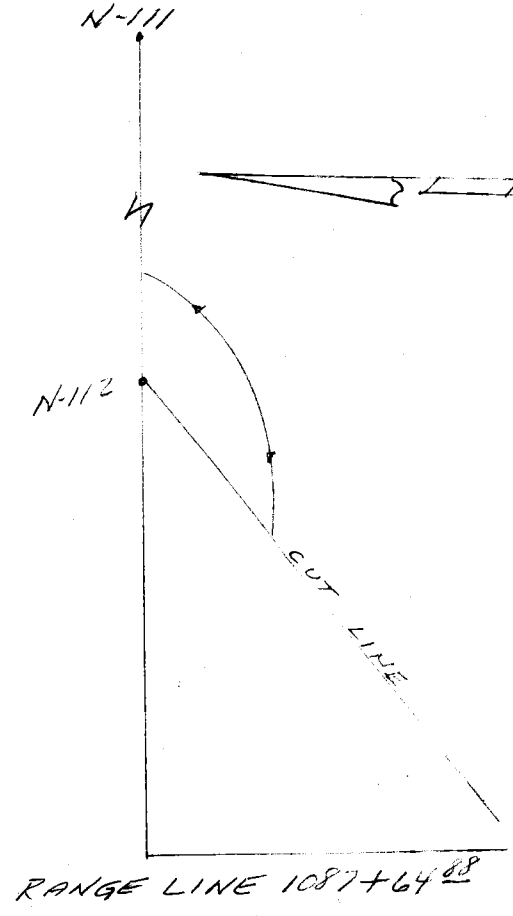
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line. RANGE LINE 1087+64.88 N.

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					
N-112	N-111	8:00	1	114°	32'			
			2	115°	53'			
			3	117°	12'			
			4	118°	16'			
			5	119°	37'			
			6	121°	27'			
			7	123°	33'			
			8	125°	27'			
			9	126°	25'			
			10	128°	18'			
			11	129°	53'			
			12	132°	23'			
			13	134°	31'			
			14	136°	49'			
			15	137°	38'			
			16	141°	20'			
			17	142°	47'			
			18	145°	27'			
			19	147°	57'			
			20	149°	35'			



Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 31
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd ____ Checked ____ Survey by [illegible] Notes [illegible] Date 4-25-61
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GATTI Date ____

F. B. 3794 PG. 32 | Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of HYD. SUR. Date Date No.

Survey by RICHARDS Notes J. G. Notes Chkd. Checked X-Sec.

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.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
		8.07	21	151°	13'			

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

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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					
				65	28			
				64	07			
				62	48			0876508
				61	44			
				60	23			
				58	33			0876510
				56	27			
				54	33			
				53	35			0876512
				51	42			
				50	07			
				47	37			0876514
				45	29			
				43	11			
				42	22			0876516
				38	40			
				37	13			
				34	33			0876518
				32	03			
				30	25			
				28	47			0876520

Profile No.____ Notes Red.____ Plotted____ Job No.____ Division No.____ F. B. 3794 PG. 31 A

X-Sec. No.____ Date____ Notes Chkd.____ Date____ Checked____ Date____ Survey of____ Survey by____ Map No.____ Notes____ Indexed____ Date____ Date____

76L298 907 Cdb 12-62

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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.

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Notes Date

Job No. Notes Date

Survey of

Survey by

Indexed

F. B. 3794 PG. 32A

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					
				112	32			
				00	00			
				00	00			0876524
				00	00			
				00	00			
				00	00			0876526
				39	40			
				35	40			
				30	17			0876534
				20	50			
				14	41			
				07	20			0876536
				00	00			
				00	00			
				00	00			0876538
				112	32			
				00	00			
				00	00			0876540
				00	00			
				00	00			
				00	00			0876542

76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1090+35.53	
	3.46	11.16		7.70	CHIS "X" IN ROCK LEFT	FROM PREVIOUS PG
			7.84	3.32	1 SET 1X2 UP 0.1	
			5.54	5.62	℄	SET 1X2
			8.0	3.2	℄	SAND RIGHT
			6.4	4.8		19 BOT BREAK
			3.4	7.8		" SEA WALL
			+7.1	~~19~~ 18.3		TOP " "
T.P.			4.71	6.45	ROCK	
					CUT GUN ON N-113 SIGHT ON N-112	4-25-67
	-0.10	8 ~~43~~ 73		~~8.53~~ 8.83	PER PAGE 19 "X" (ROCK)	
			3.4	5.~~0~~3	℄	SAND
			3.8	4.~~6~~9	M.H.W.	9 FT. RIGHT
			6.2	2.~~2~~5	26 " "	
			7.6	~~0.8~~ 1.1	1 11° 28'	
			9.8	-1.~~4~~1	2 19 19	
			11.8	-3.~~4~~1	3 38 58	
			9.7	-1.~~3~~0	4 52 04	
			14.0	-5.~~6~~3	5 68 15	
			16.5	-8.~~4~~7	6 77 44	

DATUM
MEAN LOWER LOW WATER

Profile No. ___ Notes Red ___ Plotted ___ Job No. 03000 Division No. 11 F.B. 3794 Pg. 33
X-Sec. No. ___ Date ___ Date ___ Survey of MALIBU HYDRO
Notes Chkd. ___ Checked ___ Survey by WILSON Notes ADAMS Date 4-25-67
Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

765420A - CE 353A - Cdb 9-62

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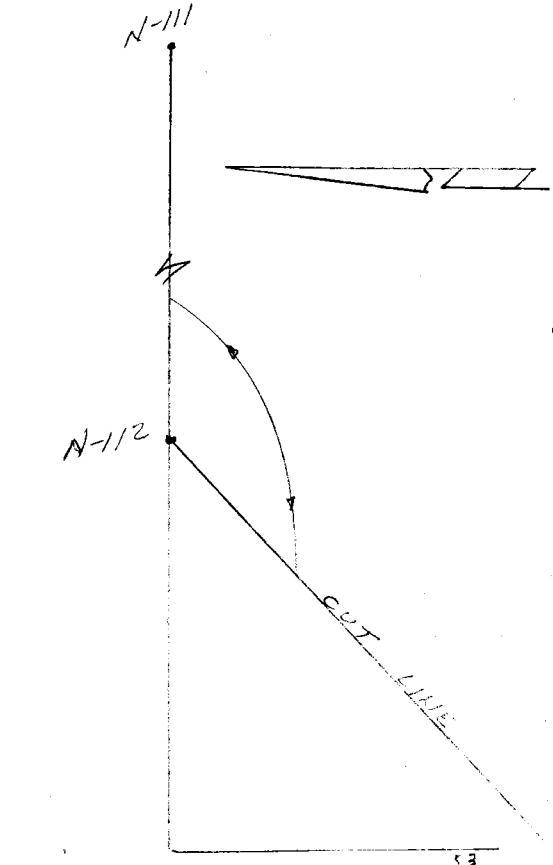
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

RANGE LINE 1090+35.53 N.

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					
N-112	N-111	8:27	1	119°	59'			
			2	121°	10'			
			3	122°	31'			
			4	124°	20'			
			5	126°	08'			
			6	128°	14'			
			7	130°	48'			
			8	132°	15'			
			9	133°	21'			
			10	135°	14'			
			11	136°	03'			
			12	136°	22'			
			13	138°	01'			
			14	138°	23'			
			15	139°	55'			
			16	142°	42'			
			17	144°	56'			
			18	147°	05'			
			19	148°	45'			
			20	150°	19'			



RANGE LINE 1090+35.53

Profile Notes Red ____ Plotted ____ Job No. 8300.02 Division No. 11 F. B. 3794 Pg. 35
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-27-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3794 PG. 36 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked X-Sec.

Indexed R. J. GA' 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					
		8:33	21	151°	05'			

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.

76L298 307 Cdb 12-62

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						
				60	01				
				58	50				
				57	29				0903508
				55	40				
				53	52				
				51	46				0903510
				49	15				
				47	45				
				46	39				0903512
				44	46				
				43	57				
				43	38				0903514
				41	59				
				40	37				
				40	05				0903516
				37	18				
				35	04				
				32	55				0903518
				37	15				
				29	41				
				28	55				0903520

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____ Date____

F. B. 3734 PG 35-A

76L298 307 Cdb 12-62

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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					
				112	32			
				00	00			
				00	00			0903624
				00	00			
				00	00			
				00	00			0903626
				112	32			
				00	00			
				00	00			0903634
				00	00			
				00	00			
				00	00			0903636
				77	44			
				68	15			
				52	04			0903638
				38	58			
				19	19			
				11	28			0903640
				00	00			
				00	00			
				00	00			0903642

F. B. 3794 PG. 36A

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

Survey of ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1093+03 Z4	
	497	1142		645	T.P. FROM PREVIOUS PG	
			820	322	20 SET 1X2 FLUSH	
			672	470	℄	PAINTED "X" ROCKY BEACH RIGHT
			16	98		24 BOT SEAWALL
			+69	183		25 TOP "
T.P.			160	982	PAINT ON ROCK	
					CUT GUN 1084+94.23 3E.	SIGHT ON N-113
	203	673 46		470	PAINT ON ROCK ℄	
			180	-113	1 (NO ANGLE)	
			165	-98	2 18° 53'	
			150	-83	3 16 48	
			128	-61	4 15 50	
			130	-63	5 12 35	
			110	-43	6 10 07	
			106	-39	7 8 26	
			94	-27	8 5 15	
			76	-09	9 3 15	
			58	09	10 2 49	
			24	43	℄	
			21	46		

DATUM
MEAN LOWER LOW WATER M.H.W. 3 FT. RIGHT

Profile Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 37
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-25-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76L298 307 Cdb 12-62

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 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					
				54	28			
				52	44			
				50	51			0930410
				48	57			
				46	51			
				44	03			0930412
				41	52			
				40	15			
				38	53			0930414
				37	46			
				36	13			
				34	27			0930416
				32	56			
				31	57			
				31	32			0930418
				30	01			
				28	20			
				26	51			0930420
				26	04			
				00	00			
				00	00			0930422

X

Profile Notes Red.____ Plotted____ Job No.____ Division No.____ F. B. 3794 Pg. 39 A

No.____ Date____ Date____ Survey of____

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

No.____ Date____ Date____ Map No.____ Indexed____ Date____

76L298 307 Cdb 12-62

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.

F. B. 3794 PG. 40 A

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

Date ____ Date ____ X-Sec. No. ____

Survey of ____ Notes Chkd. ____ Checked ____

Survey by ____ Notes ____

Indexed ____ Date ____ Date ____

Inst. At	Sight On	Time	Angle No.	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				104	16			
				00	00			
				00	00			0930426
				00	00			
				00	00			
				00	00			0930428
				18	53			
				16	48			
				15	50			0930438
				12	35			
				10	07			
				08	26			0930440
				05	15			
				03	15			
				02	49			0930442
				00	00			
				00	00			
				00	00			0930444
				104	16			
				00	00			
				00	00			0930446

765420A - CE 353A - Cdb 9-62

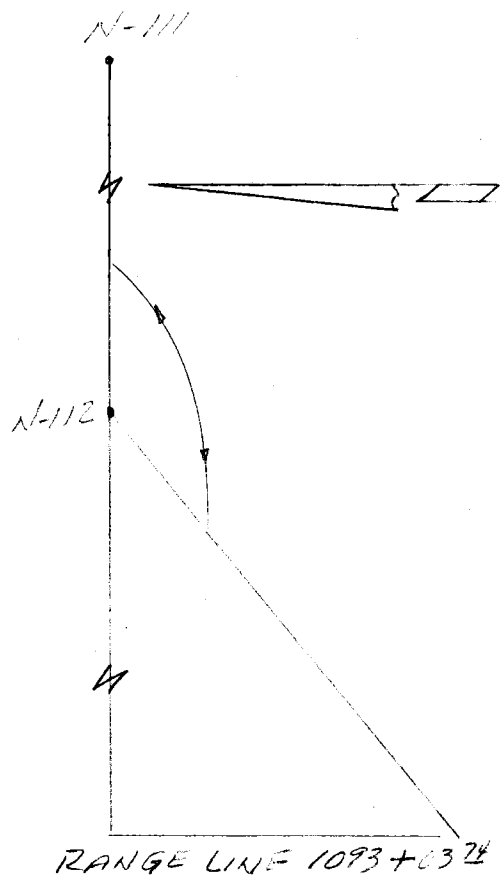
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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 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					
N-112	N-111	8:54	1	125°	32'			
			2	127°	16'			
			3	129°	09'			
			4	131°	03'			
			5	133°	09'			
			6	135°	57'			
			7	138°	08'			
			8	139°	45'			
			9	141°	07'			
			10	142°	14'			
			11	143°	47'			
			12	145°	33'			
			13	147°	04'			
			14	148°	03'			
			15	148°	28'			
			16	149°	59'			
			17	151°	40'			
			18	153°	09'			
		8:59	19	153°	56'			

RANGE LINE 1093+03.74 N.



Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 39
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-25-61
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3794 Pg. 40 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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					

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1095+61.70 N	RIGHT
	372	1354		982	T.P. FROM PREVIOUS PG	PAINT ON ROCK
			752	602		30' SET 1X2 FLUSH
			40	95		53 BOT BANK
			26	109		56 TOP "
			26	109		88 BOT "
			+16	151		93 TOP "
			+15	150		106 BOT FOOTING BOARD WK.
			+28	163		107 TOP BOARD WALK
			+29	164		115 SIDE BLDG " "
T.P.			501	853	ROCK	
					CUT GUN ON N113	SIGHT N-114
	254	12 ~~XX~~ 41		9 ~~57~~ 87	1X2 60 FT. RIGHT	PER PAGE ~~X~~ 19
	166	~~7 91~~ 8 21	586	6 ~~25~~ 55	T.P	
			55	2 ~~4~~ 7		℄
			33	4 ~~6~~ 7		17 FT. RIGHT M.H.W.
			68	1 ~~X~~ 4	17 FT LEFT	
			95	-1 ~~6~~ 3	#1 10° 06'	
			108	-2 ~~9~~ 6	2 19 41	
			113	-3 ~~4~~ 1	3 23 43	
			145	-6 ~~6~~ 3	4 31 14	
			142	-6 ~~30~~	5 34 15	
			150	-6 ~~7~~ 18	6 37 20	
			168	-8.~~8~~ 67	40 20	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 PG. 41
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-25-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

765420A - CE 353A - Cdb 9-62

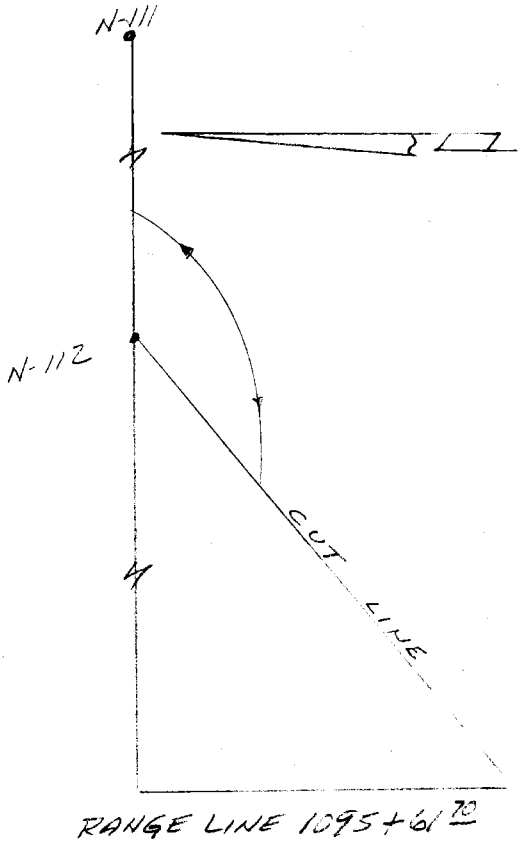
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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 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					
N-112	N-111	9:12	1	130°	35'			
			2	131°	52'			
			3	133°	41'			
			4	135°	28'			
			5	136°	55'			
			6	139°	52'			
			7	142°	06'			
			8	143°	38'			
			9	145°	18'			
			10	146°	45'			
			11	148°	15'			
			12	149°	48'			
			13	150°	07'			
			14	151°	58'			
			15	154°	03'			
		9:16	16	156°	08'			

RANGE LINE 1095+61.70 N.



RANGE LINE 1095+61.70

Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 43
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes J.G. Date 4-25-67
No. Date Date Map No. Indexed E. J. GALLI Date

F. B. 3794 PG. 44 | Job No. 0300.02 Division No. 11 Notes Red. ______ Plotted ______ Profile

Survey of HYDROGRAPHIC SURVEY Date ______ Date ______ No. ______

Survey by RICHARDS Notes J.G. 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.

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

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

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					
				49	25			
				48	08			
				46	19			0956210
				44	32			
				43	05			
				40	08			0956212
				37	54			
				36	22			
				34	42			0956214
				33	15			
				31	45			
				30	12			0956216
				29	53			
				28	02			
				25	57			0956218
				23	52			
				00	00			
				00	00			0956220
				00	00			
				00	00			
				00	00			0956222

X

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____ Date____

F. B. 3794 PG. 43 A

76L298 307 Cdb 12-62

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 DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				104	16			
				00	00			
				00	00			0956224
				00	00			
				00	00			
				00	00			0956226
				40	20			
				37	20			
				34	15			0956234
				31	14			
				23	43			
				19	41			0956236
				10	06			
				00	00			
				00	00			0956238
				00	00			
				00	00			
				00	00			0956240
				104	16			
				00	00			
				00	00			0956242

F. B. 3794 PG. 44A

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. ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1098+19 Z N	RIGHT
T.P.	4 15	12 68		8 53	T.P. FROM PREVIOUS PG	
			7 35	5 33		30 SET 1x2 UP 0.1
			4 7	8 0		50 BOT BANK
			2 6	10 1		63 TOP "
			2 2	10 5		68 ROW PILINGS "BLDG" UNDER BLDG
			2 3	10 4		82 GR. CH.
			+2 2	14 9		102 BOT BANK
			+14 5	27 2		132 FLOOR BLDG TOP BANK
T.P.			4 70	7 98	ROCK	
					CUT GUN ON N 113	SIGHT ON N-114
	1 82	10 59 (8)		~~8 77~~ 9 07	T.P 1x2 60 FT	RIGHT PER PG "X"
T.P	1 51	7 ~~6~~ 9 8	4 42	6 ~~X~~ 47	T.P.	
			15 6	-7 ~~9~~ 6	#1 27° 03'	
			16 4	-8 ~~6~~ 4	2 22 45	
			14 2	-6 ~~5~~ 3	3 20 28	
			13 5	-5 ~~7~~ 5	4 15 47	
			11 2	-3 ~~5~~ 2	5 13 44	
			8 3	-0 ~~6~~ 3	6 8 41	
			7 5	0 ~~2~~ 5	7 2 55	
			5 2	2 ~~5~~ 8	8 0 0	℄
			3 1	4 ~~6~~ 9	M.H.W 21 FT RT.	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 230002 Division No. 11 F.B. 3794 Pg. 45
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-25-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76S420A - CE 353A - Cdb 9-62

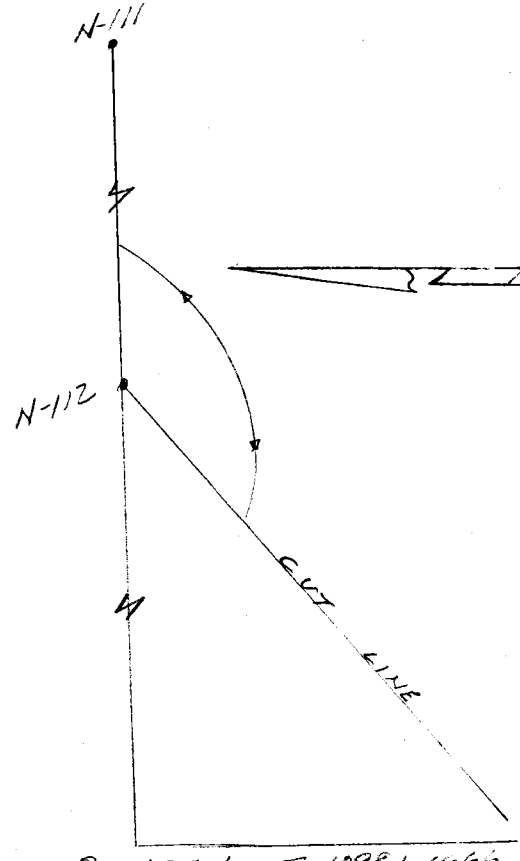
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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 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					
N-112	N-111	9:43	1	137°	14'			
			2	138°	31'			
			3	140°	16'			
			4	143°	01'			
			5	145°	30'			
			6	146°	35'			
			7	148°	13'			
			8	149°	54'			
			9	150°	16'			
			10	150°	16'			
			11	152°	08'			
			12	153°	43'			
			13	155°	04'			
			14	156°	39'			
			15	158°	08'			
		9:47	16	158°	46'			

RANGE LINE 1098+19.66 N.



RANGE LINE 1098+19.66

Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 47
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes J.G. Date 4-25-67
No. Date Date Map No. Indexed C. J. GALLI Date

F. B. 3794 Pg. 48 | 0300-02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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					

Please return to

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

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					
				42	46			
				41	29			
				39	44			0982010
				36	59			
				34	30			
				33	25			0982012
				31	47			
				30	06			
				29	44			0982014
				29	44			
				27	52			
				26	17			0982016
				24	56			
				23	21			
				21	52			0982018
				21	14			
				00	00			
				00	00			0982020
				00	00			
				00	00			
				00	00			0982022

X

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____ Date____

F. B. 3794 Pg 47 A

76L298 307 Cdb 12-62

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.

F. B. 3794 Pg. 48A

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

Date ____ Date ____ No. ____

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

Survey by ____ Date ____ Date ____ No. ____

Indexed ____

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					
				104	16			
				00	00			
				00	00			0982024
				00	00			
				00	00			
				00	00			0982026
				27	03			
				22	45			
				20	28			0982034
				15	47			
				13	44			
				08	41			0982036
				02	55			
				00	00			
				00	00			0982038
				00	00			
				00	00			
				00	00			0982040
				104	16			
				00	00			
				00	00			0982042

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1100+77.62N	RIGHT
T.P.	715	1513		798	T.P. FROM PREVIOUS PG.	
			105	46		26 M.H.W. SAND
			1004	509		30 SET 1X2 FLUSH
			62	89		65 BOT BANK
			46	105		68 TOP "
			46	105		93 GR. CH.
			18	133		108 BOT BANK
			+121	272		135 TOP " FENCE LINE
T.P.			729	784	BACK	
					CUT GUN ON N-113	SIGHT ON N-114
	-010	8 ~~30~~ 50		8 ~~30~~ 60	1X2 60 FT RT. PER	PAGE "X" 19
			36	4 ~~8~~ 9	M.H.W.	32 FT LEFT
			66	1 ~~6~~ 9		℄
			86	- 0 ~~4~~ 1	#1 2° 20'	
			94	- ~~1~~ 2 9	2 4 33	
			102	- ~~2~~ 0 1 7	3 5 59	
			102	- ~~2~~ 0 1 7	4 7 08	
			105	- 2 ~~3~~ 0	5 9 40	
			118	- 3 ~~6~~ 3	6 12 14	
			145	- 6 ~~3~~ 0	7 14 31	
			145	- 6 ~~3~~ 0	8 17 50	
			160	- 7 ~~8~~ 5	9 19 30	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 230002 Division No. 11 F.B. 3794 PG. 49
No. ____ X-Sec. ____ Date ____ Date ____ Survey of MALIBU HYD RD
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-25-67
Date ____ Map No. ____ Indexed C.J. GALL Date ____

765420A - CE 353A - Cdb 9-62

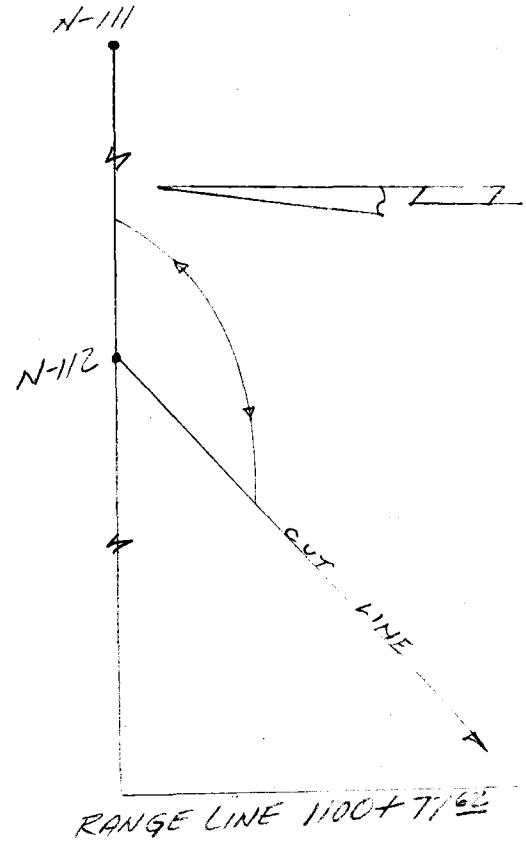
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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 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					
N-112	N-111	10:00	1	136°	54'			
			2	138°	39'			
			3	140°	51'			
			4	143°	21'			
			5	145°	28'			
			6	147°	26'			
			7	148°	39'			
			8	149°	28'			
			9	152°	47'			
			10	154°	41'			
			11	155°	24'			
			12	156°	13'			
			13	157°	00'			
			14	158°	03'			
			15	158°	53'			
		10:08	16	159°	50'			

RANGE LINE 1100+77.62 N.



RANGE LINE 1100+77.62

Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 51
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by Notes Date 4-25-67
No. Date Date Map No. Indexed C. J. GALLI Date

F. B. 3794 Pg. 52 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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.

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.

76L298 307 Cdb 12-62

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

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Deg.	Range Min.	Card No	
Don't Punch	Don't Punch	Don't Punch	Don't Punch						
				62	58				
				54	47				
				46	55			2227446	
				41	42				
				35	00				
				26	54			2227448	
				15	57				
				12	17				
				00	00			2227450	
				00	00				
				00	00				
				00	00			2227452	
				00	00				
				00	00				
				00	00			2252942	Map 12 A 3795
				16	01				
				00	00				
				00	00			2278342	Map 16 A FB 3795
				00	00				
				00	00				
				00	00			2278344	X

Profile No.____ Notes Red.____ Plotted____ Job No.____ Division No.____
X-Sec. No.____ Date____ Date____ Survey of____ F. B. 3794 Pg. 51 A
Notes Chkd.____ Checked____ Survey by____ Notes____ Date____
Date____ Date____ Map No.____ Indexed____ Date____

LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle Up Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Notes Deg.	Notes Min.	Card No.	
				106	39				
				00	00				
				00	00			2304244	Pg 20 A 3795
				00	00				
				00	00				
				00	00			2304246	
				00	00				
				00	00				
				00	00			2355544	to pg. 28 A 3795
				106	39				
				00	00				
				00	00			2355546	
				00	00				
				00	00				
				00	00			2355548	
				00	00				
				00	00				to pg 32 A 3795
				00	00			2382044	
				73	49				
				00	00				
				00	00			2404044	to pg 35 A 3795

F. B. 3794 Pg. 251 A

Job No. ____ Division No. ____ Notes Red. ____ Plotted ____
Survey of ____ Date ____ Date ____
Survey by ____ Notes ____ Notes Chkd. ____ Checked ____
Indexed ____ Date ____ Date ____ Date ____

76L298 307 Cdb 12-62

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					
				43	06			
				41	21			
				39	09			1007810
				36	39			
				34	32			
				32	34			1007812
				31	21			
				30	32			
				27	13			1007814
				25	19			
				24	36			
				23	47			1007816
				23	00			
				21	57			
				21	03			1007818
				20	10			
				00	00			
				00	00			1007820
				00	00			
				00	00			
				00	00			1007822

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

X-Sec. No.____ Notes Chkd.____ Date____ Checked____ Date____ Survey by____ Map No.____ Notes____ Indexed____ Date____ Date____

F. B. 3794 PG. 51A

76L298 307 Cdb 12-62

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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.

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Notes Date

Job No. Notes Date

Survey of

Survey by

Indexed

F. B. 3794 Pg. 32 A

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					
				104	16			
				00	00			
				00	00			1007824
				00	00			
				00	00			
				00	00			1007826
				19	30			
				17	50			
				14	31			1007834
				12	14			
				09	40			
				07	08			1007836
				05	59			
				04	33			
				02	20			1007838.
				00	00			
				00	00			
				00	00			1007840
				104	16			
				00	00			
				00	00			1007842

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1103 +35.58 N	RIGHT
T.P	7 48	1532		7 84	T.P. FROM PREVIOUS PG	
			10 7	46		34 M.H.W. SAND
			10 79	453		30 SET 1X2 UP 0.2
			7 3	80		73 BOT BANK
			4 7	106		75 TOP "
			4 7	106		82 BOT WOOD STEPS
			0 8	145		94 TOP " "
			0 7	146		101 BOT ROCK RETAIN WALL
			+2 4	177		102 TOP " " "
T.P.			10 60	472	ROCK	
					CUT GUN AT N-113 SIGHT ON N-114	
	1 20	7 51 ~~21~~ 46		6 31 ~~24~~	1X2 60 FT RT. PER PAGE "X"	
			153	- 7 8 ~~8 7~~	# 1 16° 14'	
			138	- 6 3 ~~6 8~~	2 14 58	
			143	- 6 8 ~~7 1~~	3 12 11	
			130	- 5 5 ~~5 8~~	4 10 51	
			100	- 2 5 ~~2 8~~	5 7 55	
			99	- 2 4 ~~2 7~~	6 6 06	
			74	+0 1 ~~-0 2~~	7 3 04	
			67	0 8 ~~5~~	8 1 00	
			58	1 ~~4~~ 7		
			26	4 ~~6~~ 9	M.H.W. 44 FT RIGHT	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 53
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-25-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

765420A - CE 353A - Cdb 9-62

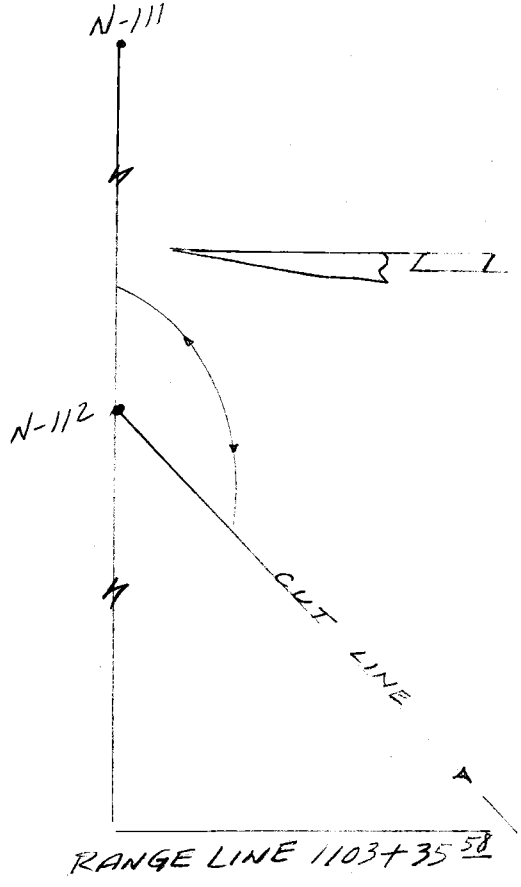
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
N-112	N-111	10:22	1	140°	43'			
			2	142°	28'			
			3	144°	23'			
			4	146°	12'			
			5	147°	59'			
			6	148°	32'			
			7	150°	13'			
			8	151°	30'			
			9	153°	08'			
			10	154°	13'			
			11	155°	10'			
			12	155°	19'			
			13	155°	53'			
			14	157°	19'			
			15	158°	19'			
			16	159°	19'			
		10:31	17	159°	59'			

RANGE LINE 1103+35.58 N.



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 55
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-25-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3794 Pg. 56 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.B. 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					

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

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

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 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					
				39	17			
				37	32			
				35	37			1033610
				33	48			
				32	01			
				31	28			1033612
				29	47			
				28	30			
				26	52			1033614
				25	47			
				24	50			
				24	41			1033616
				24	07			
				22	41			
				21	41			1033618
				20	41			
				20	01			
				00	00			1033620
				00	00			
				00	00			
				00	00			1033622

Profile Notes Red.____ Plotted____ Job No.____ Division No.____ F. B. 3794 Pg. 55 A

No.____ Date____ Date____ Survey of____

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

No.____ Date____ Date____ Map No.____ Indexed____ Date____

76L298 307 Cdb 12-62

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 DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				104	16			
				00	00			
				00	00			1033624
				00	00			
				00	00			
				00	00			1033626
				16	14			
				14	58			
				12	11			1033634
				10	51			
				07	55			
				06	06			1033636
				03	04			
				01	00			
				00	00			1033638
				00	00			
				00	00			
				00	00			1033640
				104	16			
				00	00			
				00	00			1033642

F. B. 3794 PG. 56 A

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. ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1105+93.5 N	
	7 05	11 77		4 72	T.P. FROM PREVIOUS PG	
			8 33	3 44	36 LEFT SET 1X2 UP 0.2	
			7 2	4 6	26 M.H.W. SAND	
			309	868		℄ SET 1X2
			46	7 2		℄ SAND
			34	8 4		20 RIGHT ROW PILINGS "BLDG" UNDER BLDG
			27	9 1		25 BOT BANK
			+81	199		44 TOP "
			+153	271		44 FLOOR BLDG
T.P.			699	478	ROCK	
					CUT GUN AT N-113 SIGHT N-114	
	1 80	8 20 ~~7 90~~ 06		6 40 ~~10~~	1X2	℄ PER PAGE X 19
			15	6 7 ~~4~~		℄ SAND
			33	4 9 ~~6~~	18 FT LEFT M.H.W.	
			73	0 0 ~~2~~	#1 1° 55'	
			112	-3 0 ~~3~~	2 5 10	
			117	-3 5 ~~8~~	3 7 14	
			145	-6 3 ~~6~~	4 9 07	
			172	-9 0 ~~3~~	5 10 48	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 030001 Division No. 11 F.B. 3794 PG. 57
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-25-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

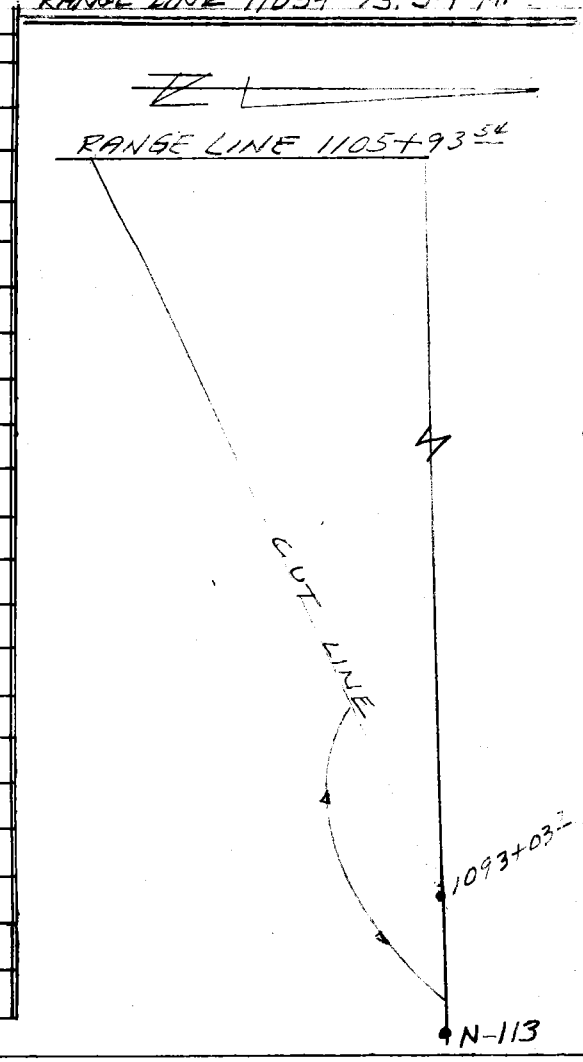
765420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
1093+03±	N-113	11:04	1	137°	35'				
			2	139°	48'				
			3	142°	00'				
			4	145°	10'				
			5	148°	03'				
			6	150°	55'				
			7	153°	46'				
			8	155°	46'				
			9	158°	55'				
			10	161°	23'				
			11	163°	27'				
			12	165°	56'				
			13	167°	50'				
			14	170°	10'				
		11:08	15	171°	45'				



Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 59
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 4-25-61
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3794 Pg. 60 | Job No. 0300-02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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.

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.

76L298 307 Cdb 12-62

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					
				42	25			
				40	12			
				38	00			1059408
				34	50			
				31	57			
				29	05			1059410
				26	14			
				24	14			
				21	05			1059412
				18	37			
				16	33			
				14	04			1059414
				12	10			
				09	50			
				08	15			1059416
				00	00			
				00	00			
				00	00			1059418
				104	16			
				00	00			
				00	00			1059420

X

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

X-Sec. No.____ Notes Chkd.____ Date____ Checked____ Date____ Survey by____ Map No.____ Notes____ Indexed____ Date____ Date____

F. B. 3704 Pg. 594

76L298 307 Cdb 12-62

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 Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				00	00			
				00	00			
				00	00			1059422
				10	48			
				09	07			
				07	14			1059430
				05	10			
				01	55			
				00	00			1059432
				00	00			
				00	00			
				00	00			1059434
				104	16			
				00	00			
				00	00			1059436
				00	00			
				00	00			
				00	00			1059438

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Job No. Notes Date

F. B. 3794 PG 60 A

Survey of Survey by Indexed

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1108 + 515 N	
T.P.	643	1121		478	T.P. FROM PREVIOUS PG	
			756	365	42 LEFT SET 1x2 FLUSH	
			66	46	30 M.H.W. SAND	
			354	767		℄ FD BROKEN 1x2 FLUSH
			23	89		14 GR CH
			04	108		21 BOT BANK
			+176	288		36 TOP "
			+186	298		93 FENCE LINE
T.P			503	618	FD 1" I.P. CONC & CETAG 1109 + 452 N-114	
				805	GUN AT N-113 SIGHT ON N-114	
	-016	8 759		~~725~~	1x2	℄ PER PAGE 19
			159	-8~~3~~ 0	2 9° 45	
			155	-7~~9~~ 6	1 9° 16'	
			137	-~~61~~ 58	3 7 22	
			105	-2~~9~~ 6	4 6 32	
			78	-+~~22~~ 01	5 2 44	
			57	~~19~~ 22	6 1 53	
			30	~~42~~ 49	29 FT LEFT M.H.W.	
			09	~~67~~ 70		℄ SAND.

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 61
No. ____ Date ____ Date ____ Survey of MALIBU HYD RD
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-~~20~~ 25-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

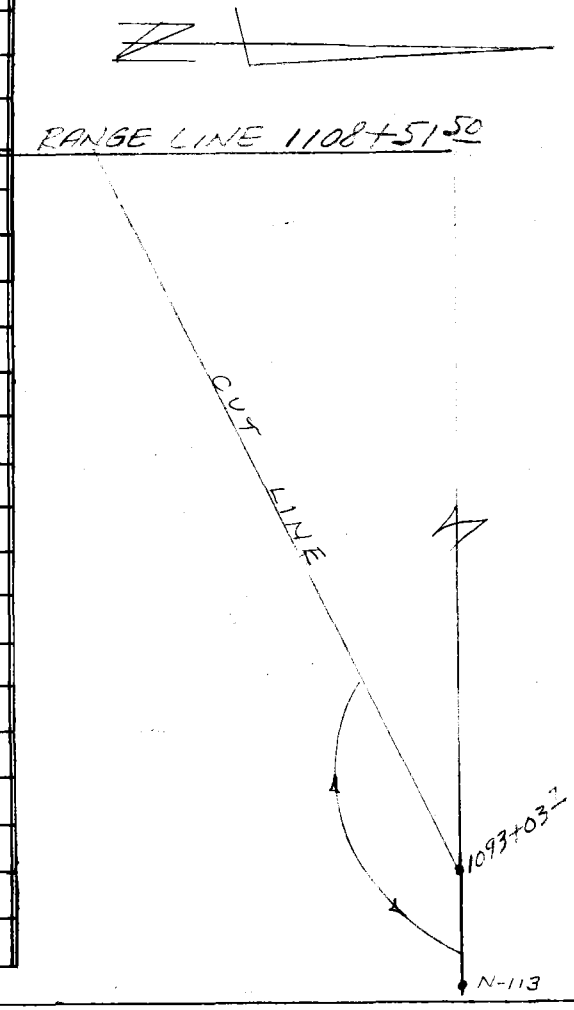
76S420A - CE 353A - Cdb 9-62

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 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					
1093+03.2	N-113	11:19	1	143°	05'			
			2	145°	10'			
			3	146°	50'			
			4	148°	52'			
			5	152°	10'			
			6	154°	41'			
			7	156°	19'			
			8	158°	20'			
			9	160°	42'			
			10	162°	33'			
			11	164°	52'			
			12	167°	31'			
			13	168°	34'			
			14	170°	49'			
		11:23	15	172°	36'			



Profile Notes Red. ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 63
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-25-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3794 Pg. 64 | 0300.02

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

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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					

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

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					
				36	05			
				34	50			
				33	10			1085208
				31	08			
				27	50			
				25	19			1085210
				23	41			
				21	40			
				19	18			1085212
				17	27			
				15	08			
				12	29			1085214
				11	26			
				09	11			
				07	24			1085216
				00	00			
				00	00			
				00	00			1085218

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 Date

F. B. 3704 PG. 3A

76L298 307 Cdb 12-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. 3794 PG. 64A

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

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

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____

Indexed ____ 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					
				104	16			
				00	00			
				00	00			1085220
				00	00			
				00	00			
				00	00			1085222
				09	45			
				09	16			
				07	32			1085230
				06	32			
				02	44			
				01	53			1085232
				00	00			
				00	00			
				00	00			1085234
				104	16			
				00	00			
				00	00			1085236
				00	00			
				00	00			
				00	00			1085238

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1111 + 10² N	
T.P.	7 06	13 24		6 18	N-114 PREVIOUS PG	
			9 21	403	51 LEFT SET 1X2 UP 0.2	
			8 6	46	41 M.H.W. SAND	
			3 72	9 52		℄ BOT BANK SET 1X2 UP 0.4
			2 8	10 4		5 RIGHT TOP BANK
			2 0	11 2		16 BOT "
			+1 8	15 0		20 ROW PILINGS BLDG
			+12 2	25 4		36 TOP BANK UNDER BLDG
			+16 4	29 6		51 FLOOR BLDG
T.B.M #14			0 38	12 86	FD CHIS "X" IN BOT CONC STEP HSE # 24420	
					ELEV = 12.94	
					CUT GUN AT N-114 SIGHT ON N-115	
	0 95	10 81		9 86	T.P. 1X2 PER PAGE "X"	
	2 00	7 56	19 5 25	5 86	T.P	℄ SAND
			2 6	45 0	42 FT LEFT M.H.W.	
			6 0	1 2	#1 25° 53'	
			7 2	4 8	2 33 20	
			10 8	-3 2	3 57 26	
			12 7	-5 1	4 65 46	
			13 2	-6 6	5 72 03	
			14 1	-6 7	6 75 48	
			15 7	-8 5	7 77 45	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 65
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-25-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLY Date ____

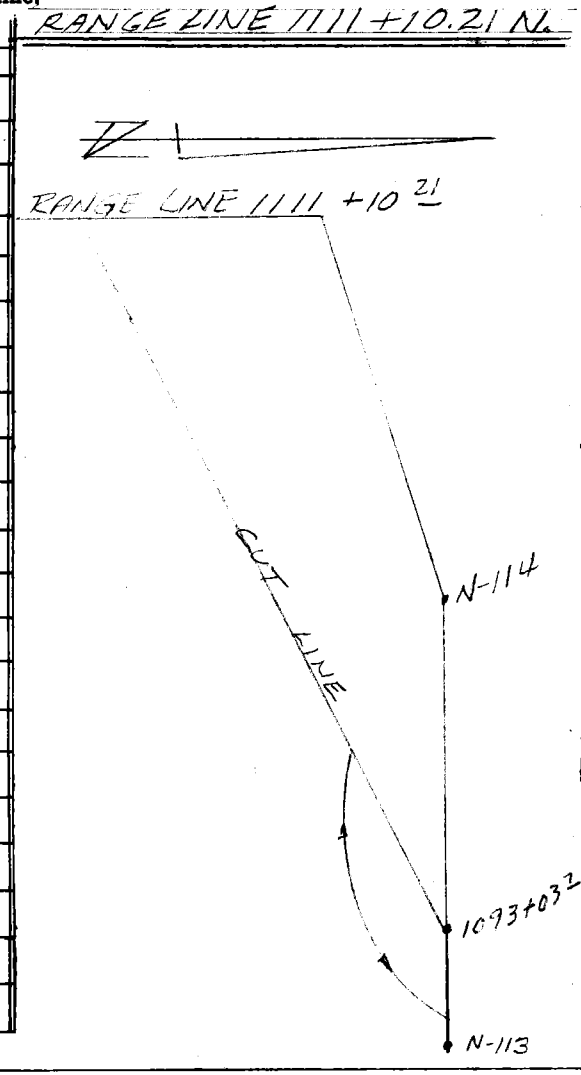
76S420A - CE 353A - Cdb 9-62

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 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					
1093+03#	N-113	11:31	1	146°	45'			
			2	148°	51'			
			3	150°	57'			
			4	153°	14'			
			5	155°	35'			
			6	158°	20'			
			7	160°	15'			
			8	162°	06'			
			9	163°	31'			
			10	165°	26'			
			11	167°	40'			
			12	168°	14'			
			13	169°	55'			
			14	171°	40'			
			15	172°	56'			
		11:36	16	173°	40'			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 67
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-25-61
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3794 PG. 68 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J. G. 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.

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.

76L298 307 Cdb 12-62

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					
				33	15			
				31	09			
				29	03			1111010
				26	46			
				24	25			
				21	40			1111012
				19	45			
				17	54			
				16	29			1111014
				14	34			
				12	20			
				11	46			1111016
				10	05			
				08	20			
				07	04			1111018
				06	20			
				00	00			
				00	00			1111020
				00	00			
				00	00			
				00	00			1111022

X

Profile No.____ Notes Red.____ Plotted____ Job No.____ Division No.____ F. B. 373 Pg. 67A
Date____ Date____ Survey of____
X-Sec. No.____ Notes Chkd.____ Checked____ Survey by____ Notes____ Date____
Date____ Date____ Map No.____ Indexed____ Date____

76L298 307 Cdb 12-62

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 DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				74	44			
				00	00			
				00	00			1111024
				00	00			
				00	00			
				00	00			1111026
				77	45			
				75	48			
				72	03			1111034
				65	46			
				57	26			
				33	20			1111036
				25	53			
				00	00			
				00	00			1111038
				00	00			
				00	00			
				00	00			1111040
				74	44			
				00	00			
				00	00			1111042

F. B. 3794 PG. 68 A

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

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

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____

Indexed ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1113+69.4 N	
T.B.M. #14	480	1774		1294.	FD CHIS "X" IN BOT CONC. STEP OF HSE # 24420	ELEV = 12.94 M.L.W.
			1018	756.24	LEFT SET 1X2 UP 0.3	
			547	1227.		℄ SET 1X2
			69	108.		℄ SAND
			55	122.		RIGHT 8 GR CH
			19	158.		22 " "
			14	163.		48 BOT BANK
			+167	344.		FENCE LINE 68 TOP BANK
T.P.			694	1080.		
					CUT GUN AT N-114	SIGHT ON N-115
	001	6 757.		756.	1X2 24 FT LEFT	
			180	-104.	1 52° 09'	
			162	-86.	2 47 50	
			152	-76.	3 42 50	
			135	-59.	4 36 55	
			103	-27.	5 28 35	
			87	-11.	6 18 50	
			70	06.	7 14 50	
			66	10.	8 11 51	
			30	46.	46 FT LEFT M.H.W. SAND ℄	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 69
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-25-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76S420A - CE 353A - Cdb 9-62

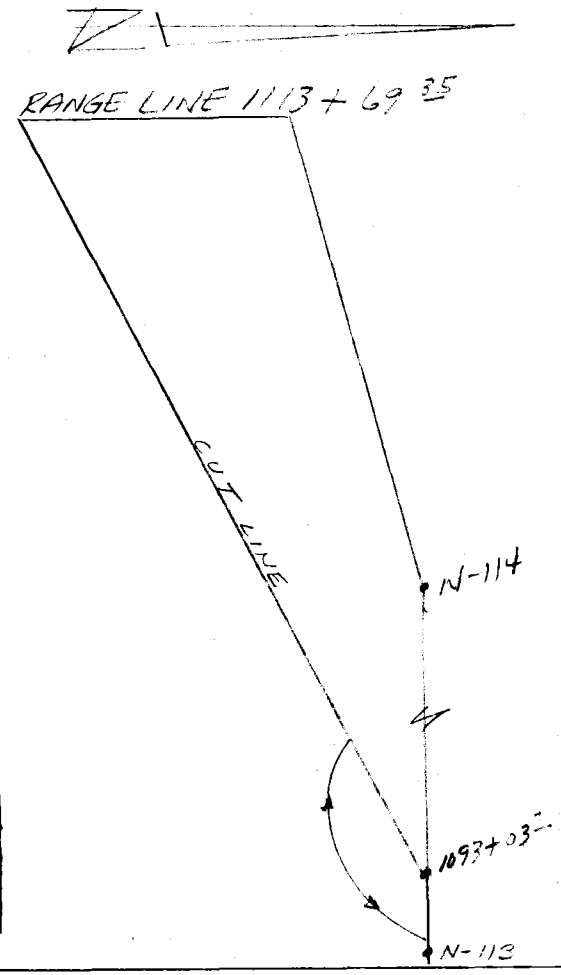
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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 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					
1093+03.2	N-113	11:45	1	149°	47'			
			2	151°	58'			
			3	154°	10'			
			4	156°	19'			
			5	158°	31'			
			6	161°	15'			
			7	164°	01'			
			8	165°	27'			
			9	166°	23'			
			10	167°	50'			
			11	169°	07'			
			12	170°	25'			
			13	172°	17'			
			14	173°	10'			
			15	174°	30'			
			16	175°	15'			
			17	176°	42'			
		11:51	18	178°	34'			

RANGE LINE 1113 + 69.35 N.



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 71
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-25-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. CALLE Date ____

F. B. 3794 Pg. 72 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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 Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Please return to
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

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 Deg.	Range Line Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				30	13			
				28	02			
				25	50			1136910
				23	41			
				21	29			
				18	45			1136912
				15	59			
				14	33			
				13	37			1136914
				12	10			
				10	53			
				09	35			1136916
				07	43			
				06	50			
				05	30			1136918
				04	45			
				03	18			
				01	26			1136920
				00	00			
				00	00			
				00	00			1136922

X

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____ Date____

F. B. 3194 Pg. 71 A

76L298 307 Cdb 12-62

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 DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				74	44			
				00	00			
				00	00			1136924
				00	00			
				00	00			
				00	00			1136926
				52	09			
				47	50			
				42	50			1136934
				36	55			
				28	35			
				18	50			1136936
				14	50			
				11	51			
				00	00			1136938
				00	00			
				00	00			
				00	00			1136940
				74	44			
				00	00			
				00	00			1136942

F. B. 3794 PG 72 A

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. ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1116 + 28.5 N	
	540	1620		1080	T.P. FROM PREVIOUS PG	
			916	704	32 LEFT SET 1x2 UP 06	
			510	1110		℄ SET 1x2
			59	103		℄ SAND
			36	126		16 RIGHT BOT. BREAK
			26	136		18 TOP "
			22	140		26 ROW PILINGS "BLDG"
			19	143		53 BOT. SEAWALL UNDER BLDG
			+91	253		53 TOP " " FLOOR BLDG
T.P.			541	1079		
					CUT GUN AT N 114	SIGHT ON 115
	033	737		704	1x2 32 FT LEFT	
			28	46	50 FT LEFT M.H.W.	
			61	13	#1 7° 20'	
			77	-03	2 11 22	
			131	-57	3 22 37	
			154	-80	4 30 36	
			151	-77	5 32 37	
			171	-97	6 35 03	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 73
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-25-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76S420A - CE 353A - Cdb 9-62

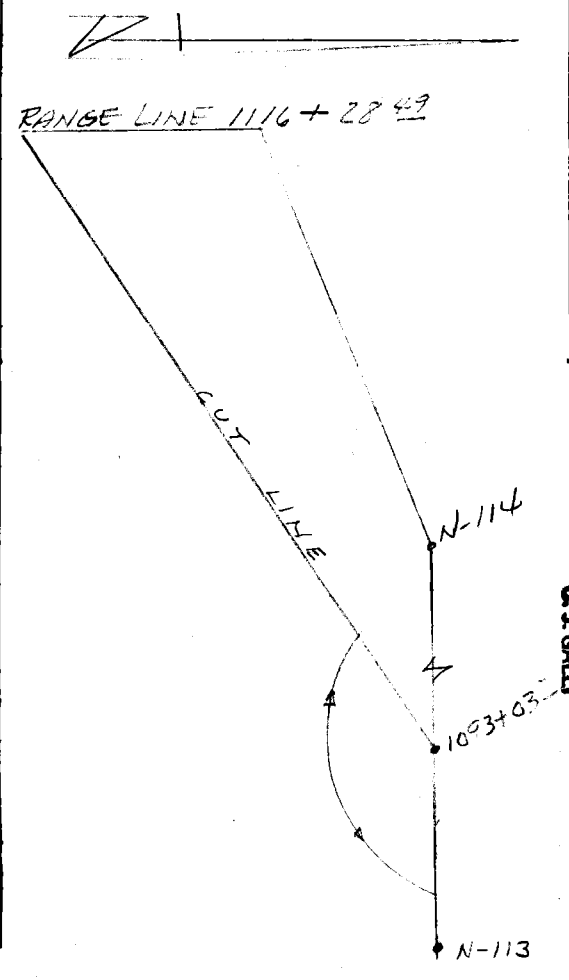
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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 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					
1093+03.2	N-113	12:02	1	156°	11'			
			2	158°	15'			
			3	160°	43'			
			4	163°	08'			
			5	165°	48'			
			6	168°	00'			
			7	170°	01'			
			8	172°	33'			
			9	173°	50'			
			10	174°	54'			
			11	175°	15'			
			12	176°	46'			
			13	179°	01'			
		12:06	14	179°	27'			
			15					

RANGE LINE 1116+28.49 N.



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 75
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-25-61
No. ____ Date ____ Date ____ Map No. ____ Indexed O. J. GALLI Date ____

F. B. 3794 Pg. 76 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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.

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.

76L298 307 Cdb 12-62

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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					
				23	49			
				21	45			
				19	17			1162810
				16	52			
				14	12			
				12	00			1162812
				09	59			
				07	27			
				06	10			1162814
				05	06			
				04	45			
				03	14			1162816
				00	59			
				00	33			
				00	00			1162818
				00	00			
				00	00			
				00	00			1162820

X

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____ Date____

F. B. 3704 PG. 75A

76L298 307 Cdb 12-62

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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					
				74	44			
				00	00			
				00	00			1162822
				00	00			
				00	00			
				00	00			1162824
				35	03			
				32	37			
				30	36			1162832
				22	37			
				11	22			
				07	20			1162834
				00	00			
				00	00			
				00	00			1162836
				74	44			
				00	00			
				00	00			1162838
				00	00			
				00	00			
				00	00			1162840

F. B. 3794 PG. 76 A

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

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

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____

Indexed ____ Date ____ Date ____ No. ____

Notes Ck'd by	Survey of MALIBU AREA HYDROGRAPHIC SURVEY	F.B 3794 Pg. 77
Map No.	JN 9300.02 Tape Std °F	
Office Work CKD	Surveyed by RICHARDS	
Checked	Notes HARRIET Date 4-26-67	
Date	Indexed C. J. GALLI	

TIDE GAGE READINGS
APRIL 26, 1967
TIME - P.S.T.
DATUM - M.L.L.W.

TIME	TIDE
6:00	-0.9
6:30	-0.3
7:00	0.3
7:30	0.9
8:00	1.6
8:30	2.1
9:00	2.7
9:30	3.1
10:00	3.4
10:30	3.5
11:00	3.6
11:30	3.6
12:00	3.4
12:30	3.2
13:00	2.7
13:30	2.4
14:00	2.1

NOTE — TIDE GAGE STATION IS LOCATED AT SOUTH END OF BERTH 60, L.A. OUTER HARBOR.

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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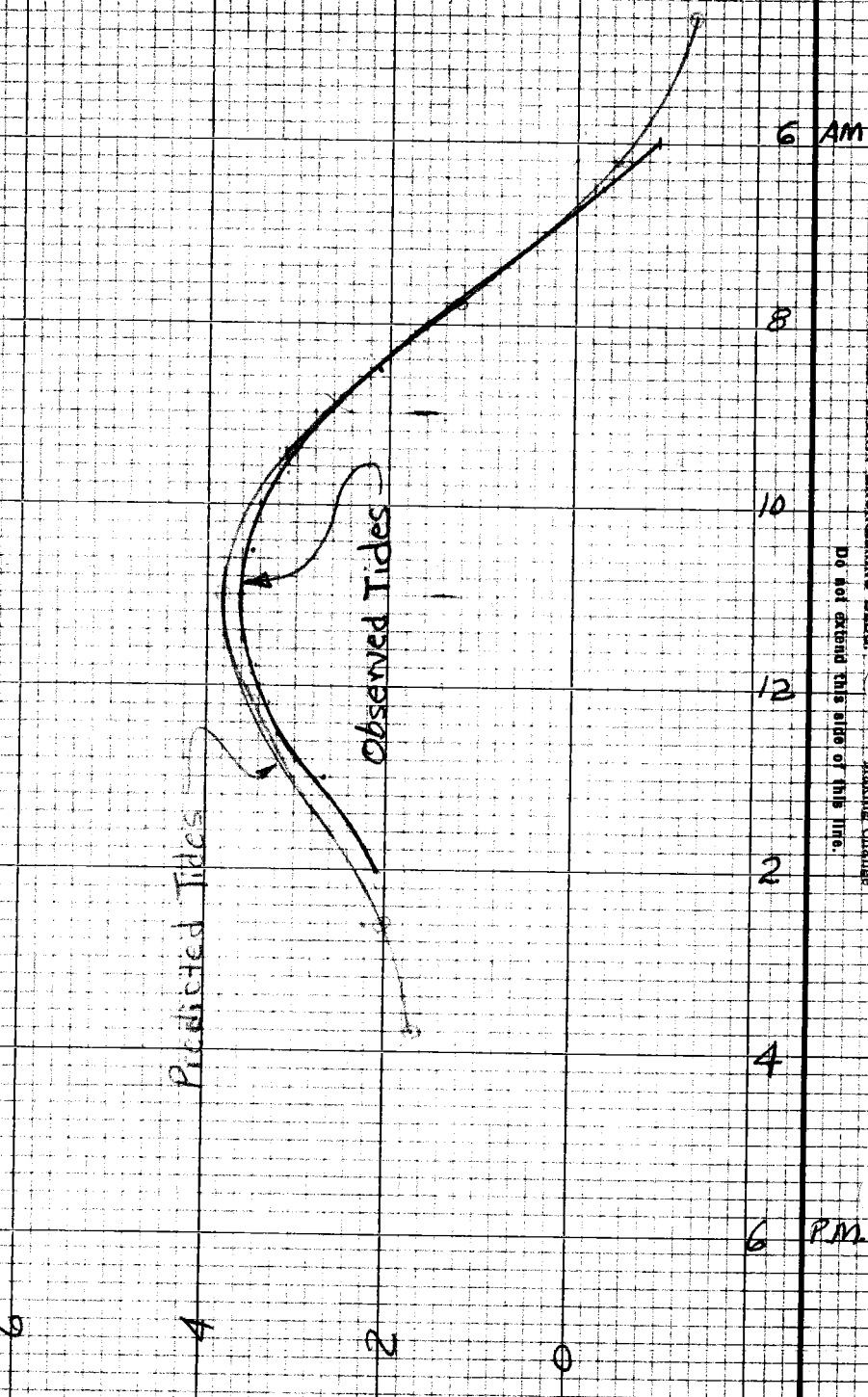
76P3098 CE #310 5-66

BLANK

F.B. 3194 Pg. 78

APRIL 26, 1967



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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

76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1118+87.6 N	
	671	1750		1079	T.P. FROM PREVIOUS PC LEFT	
			1078	672	29 SET 1X2 UP 0.2	
			717	1033	℄	SET 1X2 UP 0.5 RIGHT
			48	127		19 BOT BANK
			26	149		23 TOP "
			16	159		30 ROW PILINGS "BLDG
			+11 3	288		30 FLOOR BLDG UNDER BLDG
			+05	180		45 6' C.L. FENCE
T.P.			556	1199		
					CUT GUN AT 1116+28.5	SIGHT ON 1118+87.6 4-26-67
	001	1034		1033	T.P. 1X2 ℄	FLUSH
	-010	674	350	684	T.P.	
			21	46	43 FT LEFT M.H.W.	
			49	18	#1 17° 13' I.E.	
			64	03	2 25 19	
			81	-14	3 35 46	
			103	-36	4 45 36	
			130	-63	5 54 42	
			150	-83	6 62 25	
			154	-87	7 68 35	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 PG. 79
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-25-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76S420A - CE 353A - Cdb 9-62

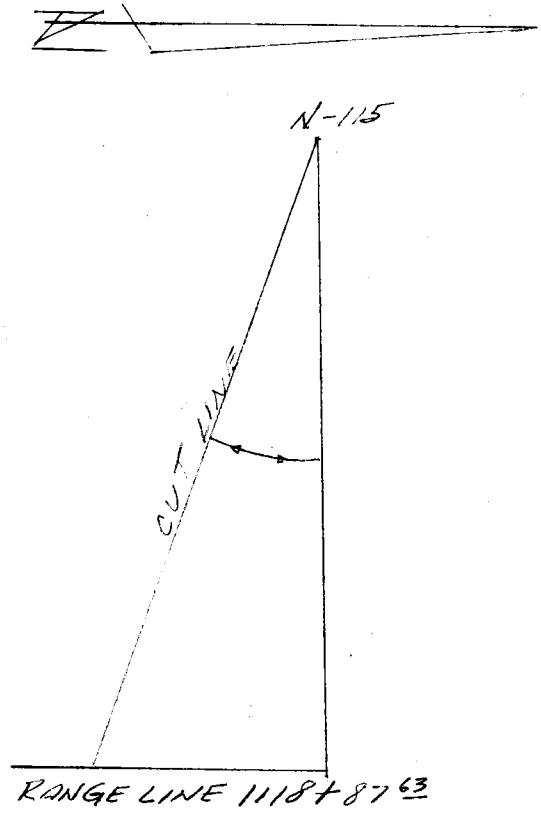
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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 DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-115	N-114	8:07	1	37°	35'			
			2	36°	04'			
			3	34°	01'			1188812
			4	32°	04'			
			5	29°	22'			
			6	26°	07'			1188814
			7	22°	57'			
			8	20°	55'			
			9	19°	16'			1188816
			10	18°	14'			
			11	16°	50'			
			12	15°	00'			1188818
			13	13°	11'			
			14	13°	23'			
			15	11°	40'			1188820
			16	09°	49'			
		8:12	17	09°	07'			
				00	00			1188822
				00	00			
				00	00			
				00	00			1188824

RANGE LINE 1118+87.63 N.



RANGE LINE 1118+87.63

X

Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 81
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-26-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3794 Pg. 82 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J. G. Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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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.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº.
				105	16			
				00	00			
				00	00			1188808
				00	00			
				00	00			
				00	00			1188810
				68	35			
				62	25			
				54	42			1188832
				45	36			
				35	46			
				25	19			1188834
				17	13			
				00	00			
				00	00			1188836
				00	00			
				00	00			
				00	00			1188838
				74	44			
				00	00			
				00	00			1188840

76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1121+46.8 N	
	539	1733		1194	T.P. FROM PREVIOUS PG LEFT	
			986	747	16 SET 1X2 UP 0.1	
			779	954		℄ SET 1X2 UP 0.2 RIGHT
			38	135		27 GR. CH.
			04	169		89 BOT BANK
			+28	201		94 SIDE BLDG "CR" UNDER BLDG
			+102	275		112 BOT FOSTING
			+129	302		112 FLOOR BLDG
T.P.			503	1230		
					2 E CUT GUN AT 1116+28.5 SIGHT ON 1121+46.8 4-26-67	
	-010	737		747	1X2 16 FT LEFT	FLUSH
		ESTIM.	190	-116	#1 45° 31'	
			157	-83	2 39 54	
			142	-68	3 36 09	
			127	-53	4 31 40	
			124	-50	5 27 06	
			115	-41	6 22 27	
			86	-12	7 16 22	
			65	09	8 10 36	
			55	19	9 7 51	
			28	46	38 FT LEFT M.H.W.	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 03002 Division No. 11 Survey of MALIBU HYDRO Survey by WILSON Notes ADAMS Date 4-26-67 Map No. ____ Indexed C. J. CALLY Date ____

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

F.B. 3794 Pg. 83

765420A - CE 353A - Cdb 9-62

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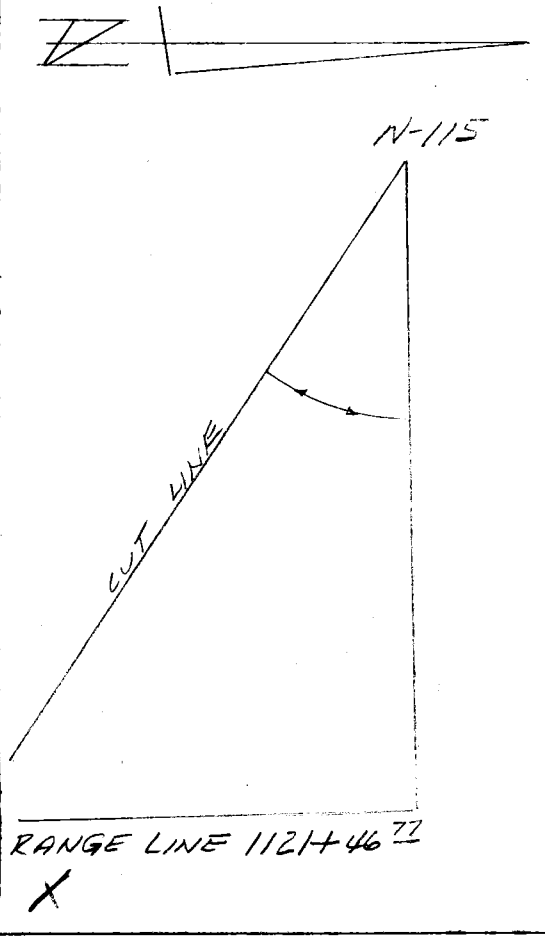
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.

RANGE LINE 1121+46.77 N.

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					
N-115	N-114	8:20	1	38°	41'			
			2	36°	50'			
			3	34°	42'			1214712
			4	32°	53'			
			5	30°	28'			
			6	27°	54'			1214714
			7	25°	16'			
			8	22°	12'			
			9	21°	09'			1214716
			10	19°	40'			
			11	18°	00'			
			12	18°	16'			1214718
			13	16°	03'			
			14	13°	56'			
		8:24	15	12°	11'			1214720
				00	00			
				00	00			
				00	00			1214722
				105	16			
				00	00			
				00	00			1214724



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 85
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-26-67
Date ____ Date ____ Map No. ____ Indexed G.J. CALL Date ____

F. B. 3794 Pg. 86 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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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.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº.
				00	00			
				00	00			
				00	00			1214726
				45	31			
				39	54			
				36	09			1214734
				31	40			
				27	06			
				22	27			1214736
				16	22			
				10	36			
				07	51			1214738
				00	00			
				00	00			
				00	00			1214740
				74	44			
				00	00			
				00	00			1214742
				00	00			
				00	00			
				00	00			1214744

76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1124+05.91 N	
	3.78	16.08		12.30	T.P. FROM PREVIOUS PG	
			9.65	6.43	19 LEFT SET PAINT ON ROCK	
			8.54	7.54		℄ CHIS "X" ON ROCK RIGHT
			6.50	9.58		24 BOT BANK
			5.6	10.5		25 TOP "
			2.6	13.5		42 ROW PILINGS BLDG
			+11.3	27.4		42 FLOOR BLDG
			+2.4	18.5		71 GR CH
T.P.			5.66	10.42		
					CUT GUN AT 1116+28.5	SIGHT ON 1124+05.91
	0.80	7.23		6.43	19 FT LEFT T.P. ON ROCK	
			2.6	4.6	26 FT LEFT M.H.W.	
			4.7	2.5	#1 3° 34'	
			6.1	1.1	2 5 43	
			9.0	-1.8	3 10 16	
			10.9	-3.7	4 16 00	
			13.1	-5.9	5 21 37	
			17.0	-9.8	6 26 43	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 030002 Division No. 11 Survey of MALIBU HYDRO
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by WILSON Notes ADAMS Date 4-23-67
Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3794 PG 87

765420A - CE 353A - Cdb 9-62

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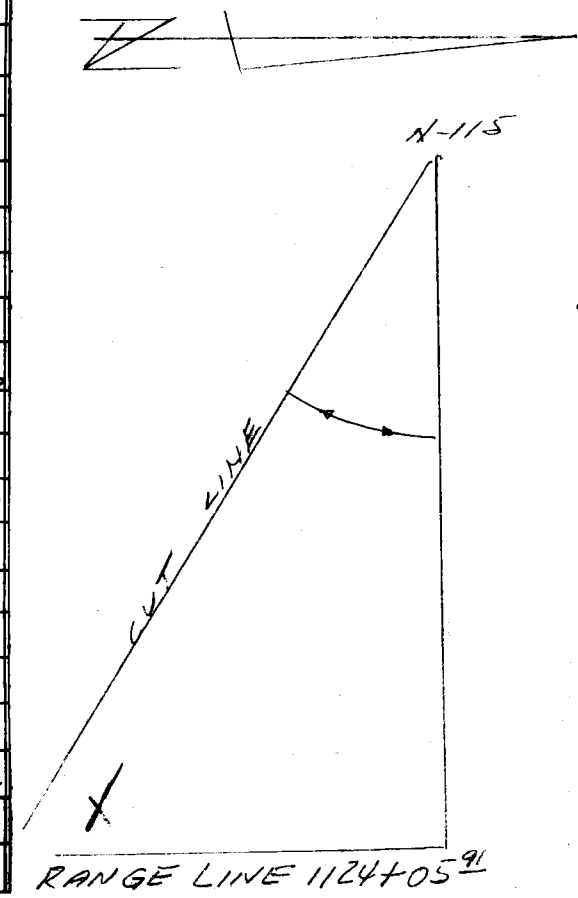
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	FOR OFFICE USE ONLY RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-115	N-114	8:33	1	42°	02'			
			2	40°	18'			
			3	38°	16'			1240612
			4	36°	08'			
			5	33°	55'			
			6	30°	44'			1240614
			7	27°	28'			
			8	25°	16'			
			9	24°	09'			1240616
			10	22°	45'			
			11	20°	55'			
			12	20°	43'			1240618
			13	18°	40'			
			14	16°	36'			
			15	14°	32'			1240620
			16	12°	28'			
			17	09°	54'			
		8:38	18	08°	48'			1240622
				00	00			
				00	00			
				00	00			1240624

RANGE LINE 1124+05.91 N.



RANGE LINE 1124+05.91

Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 89
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-26-61
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3794 PG. 90 | 0300-02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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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.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº.
				105	16			
				00	00			
				00	00			1240608
				00	00			
				00	00			
				00	00			1240610
				26	43			
				21	37			
				16	00			1240632
				10	16			
				05	43			
				03	34			1240634
				00	00			
				00	00			
				00	00			1240636
				74	44			
				00	00			
				00	00			1240638
				00	00			
				00	00			
				00	00			1240640

76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1126+65± N	
	5 25	1567		10 42	T.P. FROM PREVIOUS PG	
			9 08	6 59	6 LEFT SET 1X2 FLUSH	
			8 55	7 12		℄ SAND RIGHT
			5 25	10 42		30 SET 1X2 FLUSH
			2 6	13 1		52 GR CH
			1 0	14 7		93 BOT BANK
T.P.			5 33	9 79		4-26-67
					GUT GUN AT 1116+28.5	SIGHT ON 1126+65±
T.P.	1 66	12 08		10 42	1X2 30 FT RIGHT	
T.P.	1 80	7 77	6 11	5 97	T.P.	
		ESTIM	19 5	-11 7	#1 23° 11'	
			17 0	-9 2	2 21 07	
			15 9	-8 1	3 17 44	
			12 5	-4 7	4 13 48	
			11 0	-3 2	5 11 00	
			9 7	-1 9	6 8 19	
			7 8	0 0	7 5 48	
			6 0	1 8	8 2 57	
			3 2	4 6	23 FT LEFT M.H.W.	

DATUM
MEAN LOWER LOW WATER

Profile No. ___ Notes Red ___ Plotted ___ Job No. 2300P2 Division No. 11 F.B. 3794 Pg. 91
X-Sec. No. ___ Date ___ Date ___ Survey of MALIBU HYDRO
Notes Chkd. ___ Checked ___ Survey by WILSON Notes ADAMS Date 4-26-67
No. ___ Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

76S420A - CE 353A - Cdb 9-62

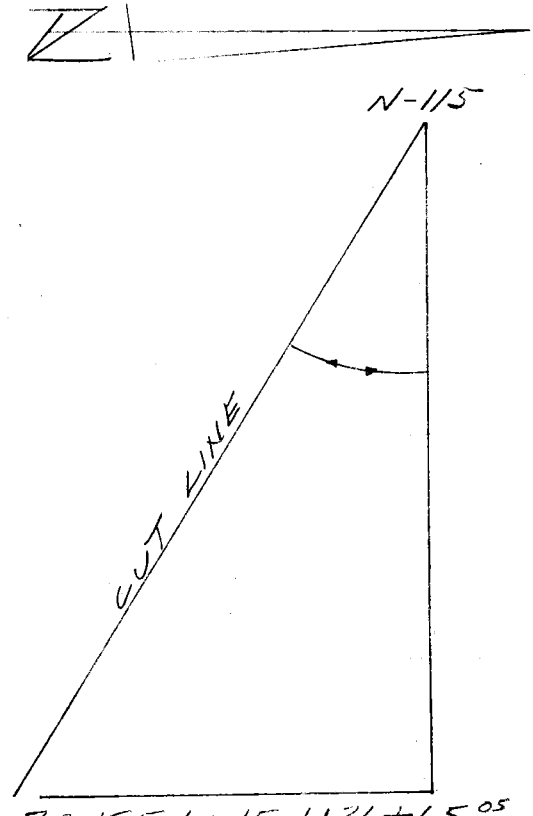
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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 DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-115	N-114	8:50	1	51°	05'			
			2	49°	30'			
			3	47°	33'			1266512
			4	45°	50'			
			5	43°	58'			
			6	41°	37'			1266514
			7	39°	01'			
			8	36°	09'			
			9	33°	28'			1266516
			10	30°	14'			
			11	27°	29'			
			12	24°	45'			1266518
			13	22°	20'			
			14	20°	12'			
			15	17°	48'			1266520
			16	15°	30'			
			17	13°	25'			
			18	10°	42'			1266522
		8:54	19	09°	21'			
				00	00			
				00	00			1266524

RANGE LINE 1126+65.05 N.



RANGE LINE 1126+65.05

X

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 93
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes J.G. Date 4-26-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. I. GALLI Date ____

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.

F. B. 3794 Pg. 94 Job No. 0300.02 Division No. SURVEY

Survey of HYDROGRAPHIC Notes J.G.

Survey by RICHARDS Notes

Indexed Date

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				105	16			
				00	00			
				00	00			1266508
				00	00			
				00	00			
				00	00			1266510
				00	00			
				00	00			
				00	00			1266526
				23	11			
				21	07			
				17	44			1266534
				13	48			
				11	00			
				08	19			1266536
				05	48			
				02	57			
				00	00			1266538
				00	00			
				00	00			
				00	00			1266540

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1129+24.3 N	
	7 58	17 37		9 79	T.P. FROM PREVIOUS FG	
			10 99	6 38	5 SET 1X2 UP .02	
			10 71	6 66		℄ SAND RIGHT
			5 87	11 50		30 SET 1X2 UP 1.0
			5 8	11 6		36 BOT BANK
			3 7	13 7		46 TOP "
			2 4	15 0		64 BOT "
			+9 3	26 7		84 TOP "
T.P.	0 01	12 75	4 63	12 74	SET SPK IN PILING NEAR BIG ROCK	
	1 40	8 07	6 08	6 67	T.P.	℄ FLUSH
			3 5	4 6	17 FT. LEFT M.H.W.	
					CUT. GUN 1116+28.5	SIGHT ON 1129+24.2
			6 4	1 7	1 2° 32'	
			9 2	-1 1	2 5 37	
			11 1	-3 0	3 8 14	
			13 7	-5 6	4 11 52	
			18 0	-9 9	5 15 45	
66					1130+93 82 FT LEFT 18'X18' ROCK UP 7' OR 8' ABOVE M.H.W.	
90					1131+17, ROCK 18'X22', 12 FT RIGHT, UP 5.5 FT. ABOVE SAND	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 95
X-Sec. No. ____ Date ____ Date ____ Survey of HYD. SUR., MALIBU AREA
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-26-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76S420A - CE 353A - Cdb 9-62

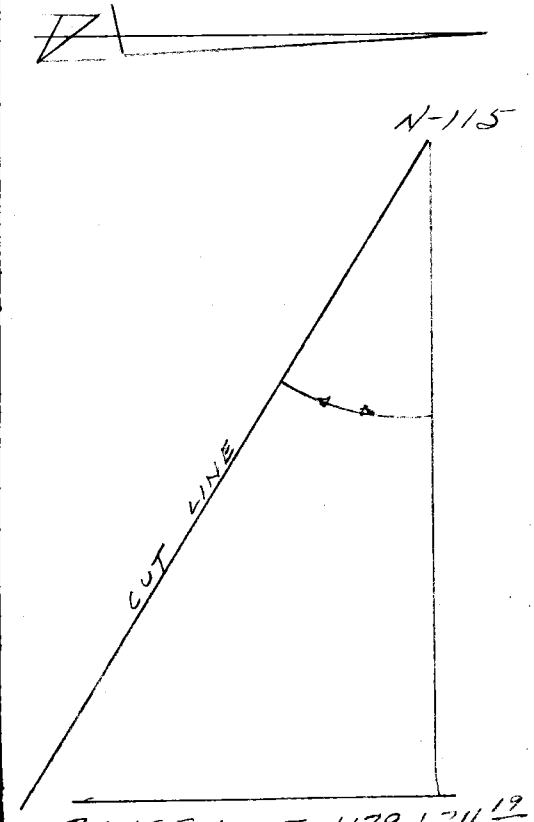
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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 DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-115	N-114	9:00	1	54°	15'			
			2	53°	08'			
			3	51°	29'			1292412
			4	49°	47'			
			5	47°	46'			
			6	45°	11'			1292414
			7	42°	37'			
			8	39°	34'			
			9	36°	16'			1292416
			10	34°	07'			
			11	31°	40'			
			12	30°	04'			1292418
			13	28°	56'			
			14	26°	05'			
			15	23°	46'			1292420
			16	23°	01'			
			17	20°	48'			
			18	18°	11'			1292422
			19	15°	17'			
		9:06	20	14°	04'			
				00	00			1292424

RANGE LINE 1129+24.19 N.



RANGE LINE 1129+24.19

X

Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 97
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by [illegible] Notes J.G. Date 4-26-67
No. Date Date Map No. Indexed C. J. GALLY Date

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.

F. B. 3794 Pg. 98 | Job No. 0300.02 Division No. 11 Notes Red. Plotted

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				00	00			
				00	00			
				00	00			1292426
				105	16			
				00	00			
				00	00			1292408
				00	00			
				00	00			
				00	00			1292410
				15	45			
				11	52			
				08	14			1292434
				05	37			
				02	32			
				00	00			1292436
				00	00			
				00	00			
				00	00			1292438
				74	44			
				00	00			
				00	00			1292440

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1220+199 N	
T.B.M #16	250	1365		1115	FD CHIS X ON ARCH BRIDGE LEFT	
			108	29	46 SAND	
			985	380	37 SET 1X2	
			91	46	29 M.H.W. SAND	
			475	890		℄ SET 1X2
			60	77		℄ SAND RIGHT BLDG
			51	86		6 ROW PILINGS
			+90	227		6 FLOOR BLDG UNDER BLDG
			18	119		21 BOT. BANK
			+032	1397		30 SET 1X2
			+10	147		33 TOP BANK
			+13	150		36 BOT. SEAWALL
			+25	162		37 TOP " "
T.P.			720	645		
					CUT GUN AT 1225+28.8 SIGHT ON 118	
	390	770		380	1X2 37 FT LEFT	
			50	27	50 FT LEFT	
			63	14	1 7° 37'	
			80	-03	2 10 24	
			102	-25	3 17 46	
			135	-58	4 25 09	
			159	-82	5 32 00	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 230002 Division No. 11 F.B. 3794 Pg. 243
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes ADAMS Date 4-28-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1131+83 3 N	
T.P.	053	1327		1274	T.P. FROM PREVIOUS PG	SET SPK IN PILING
			1088	239	50 LEFT SET 1X2	
			87	46	16 M.H.W. SAND	
			551	776		℄ SET 1X2
			70	63		℄ SAND
			02	131		54 RIGHT GR.CH.
			117	150		97 BOT. BANK
			145	278		123 TOP "
T.P			466	861		
					CUT GUN AT 1116+28 5	SIGHT ON 11.31+83 3
	050	8 3 26		776	1X2	℄
		ESTIM.	215	-132	#1 15° 01'	
			171	-88	2 12 16	
			138	-55	3 9 40	
			124	-41	4 6 33	
			88	05	5 4 09	
			72	11	6 2 27	
			61	22	50 FT LEFT SAND	
			589	237	50 " " 1X2	
			37	46	17 FT LEFT M.H.W.	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 99
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU [illegible]
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-26-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

765420A - CE 353A - Cdb 9-62

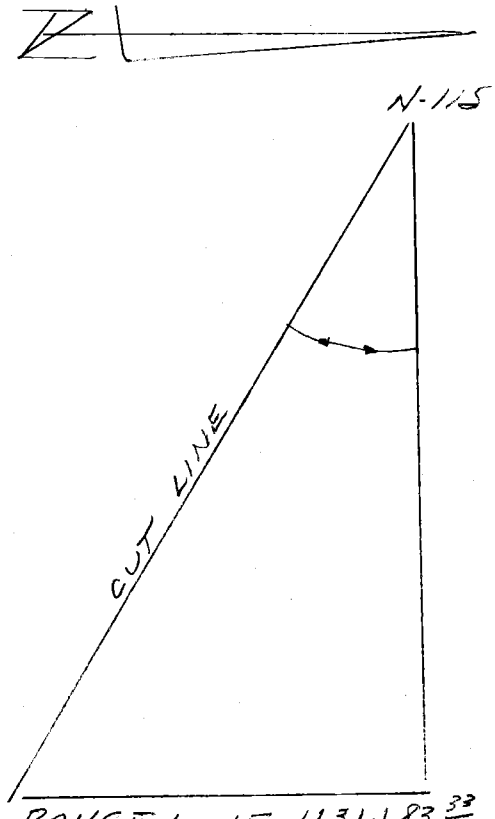
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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 DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-115	N-114	9:14	1	60°	42'			
			2	59°	42'			
			3	58°	58'			1318312
			4	57°	43'			
			5	56°	08'			
			6	54°	04'			1318314
			7	51°	32'			
			8	49°	25'			
			9	45°	54'			1318316
			10	42°	30'			
			11	38°	52'			
			12	37°	01'			1318318
			13	34°	39'			
			14	31°	42'			
			15	29°	59'			1318320
			16	28°	48'			
			17	24°	15'			
			18	21°	46'			1318322
		9:18	19	19°	14'			
				00	00			
				00	00			1318324

RANGE LINE 1131+83.33 N.



RANGE LINE 1131+83.33

X

Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 101
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 4-26-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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.

F. B. 3794 Pg. 102 Job No. 0300.02 Division No. 11 Notes Red. Plotted No.

Survey of HYDROGRAPHIC SURVEY Date Date X-Sec.

Survey by RICHARDS Notes J. G. 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					
				00	00			
				00	00			
				00	00			1318326
				105	16			
				00	00			
				00	00			1318308
				00	00			
				00	00			
				00	00			1318310
				15	01			
				12	16			
				09	40			1318334
				06	33			
				04	09			
				02	27			1318336
				00	00			
				00	00			
				00	06			1318338
				74	44			
				00	00			
				00	00			1318340

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1134+42.5 N	
	479	1340		861	T.P. FROM PREVIOUS PG. LEFT	
			970	370	.44 SET 1X2 UP 0.2	
			88	46	.31 M.H.W. SAND	
			52	82		℄ SAND RIGHT
			200	1140		30 SET 1X2
			07	127		47 ROW PILINGS BLDG
			03	131		66 BOT UNDER BLDG BANK
			+132	266		TOP "
T.P.			461	879		107 FLOOR BLDG
					CUT GUN AT 1131+83.3 SIGHT ON 1134+42.5	
	350	720		370	.1X2 44 FT LEFT	
			58	14	#1 15° 33	
			68	04	2 21 45	
			88	-16	3 29 33	
			100	-28	4 45 00	
			153	-81	5 59 55	
			171	-99	6 65 26	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 030902 Division No. 11
Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes ____ Date [illegible]
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3794 Pg. 103

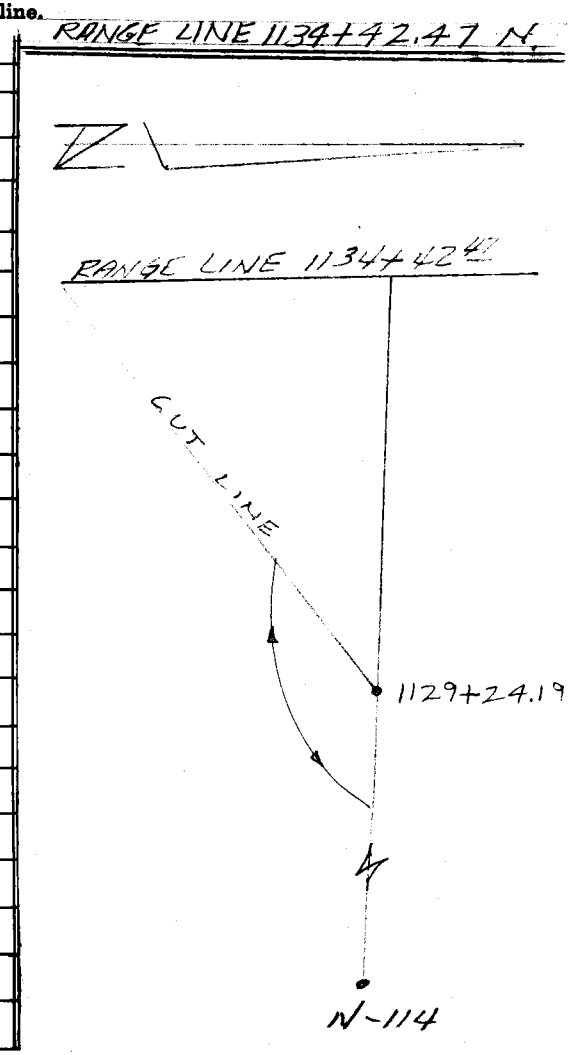
765420A - CE 353A - Cdb 9-62

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 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					
1129+24.19	N-114	9:33	1	90°	47'			
			2	92°	19'			
			3	93°	19'			
			4	94°	41'			
			5	96°	20'			
			6	98°	05'			
			7	100°	32'			
			8	103°	20'			
			9	107°	05'			
			10	111°	57'			
			11	117°	19'			
			12	121°	34'			
			13	124°	24'			
			14	127°	33'			
			15	130°	36'			
			16	134°	05'			
			17	136°	46'			
			18	141°	03'			
			19	145°	06'			
			20	149°	20'			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 105
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-26-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3794 Pg. 106 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked X-Sec.

Indexed C.J. GALL 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					
		9:37	21	157°	52'			
			22	157°	44'			

Please return to
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

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 DEG.	MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				89	13			
				87	41			
				86	41			1344208
				85	19			
				83	40			
				81	55			1344210
				79	18			
				76	40			
				72	55			1344212
				68	03			
				63	41			
				58	26			1344214
				55	36			
				52	27			
				49	24			1344216
				45	55			
				43	14			
				38	57			1344218
				34	54			
				30	40			
				00	00			1344220

X

Profile Notes Red.____ Plotted____ Job No.____ Division No.____ F. B. 3794 PG. 105 A

No.____ Date____ Date____ Survey of____

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

No.____ Date____ Date____ Map No.____ Indexed____ Date____

76L298 307 Cdb 12-62

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 DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				00	00			
				00	00			
				00	00			1344222
				74	44			
				00	00			
				00	00			1344224
				00	00			
				00	00			
				00	00			1344226
				65	26			
				59	55			
				45	00			1344234
				29	33			
				21	45			
				15	33			1344236
				00	00			
				00	00			
				00	00			1344238
				74	44			
				00	00			
				00	00			1344240

F. B. 3794 PG. 106 A

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. ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1137+016 N	
	581	1460		879	T.P. FROM PREVIOUS PG.	
			1021	439	69 LEFT SET 1X2 UP 0.2	
			100	46	65 M.H.W.L. SAND	
			27	119	11 GR CH	
			157	1303		℄ SET 1X2 UP 0.2 RIGHT BLDG
			10	136		10 ROW PILINGS
			05	141		21 BOT BANK UNDER BLDG
			112.5	271		55 TOP BANK FLOOR BLDG
T.P.			541	919		
					CUT GUN 1131+83.2 SIGHT ON 1137+01.6	
	344	783		439	1X2 69 FT LEFT	
			183	-105	1 41° 08'	
			127	-49	2 35 46	
			120	-42	3 29 18	
			92	-14	4 21 08	
			70	08	5 13 23	
			53	25	6 9 46	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 330002 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of [illegible]
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F.B. 3794 Pg. 107

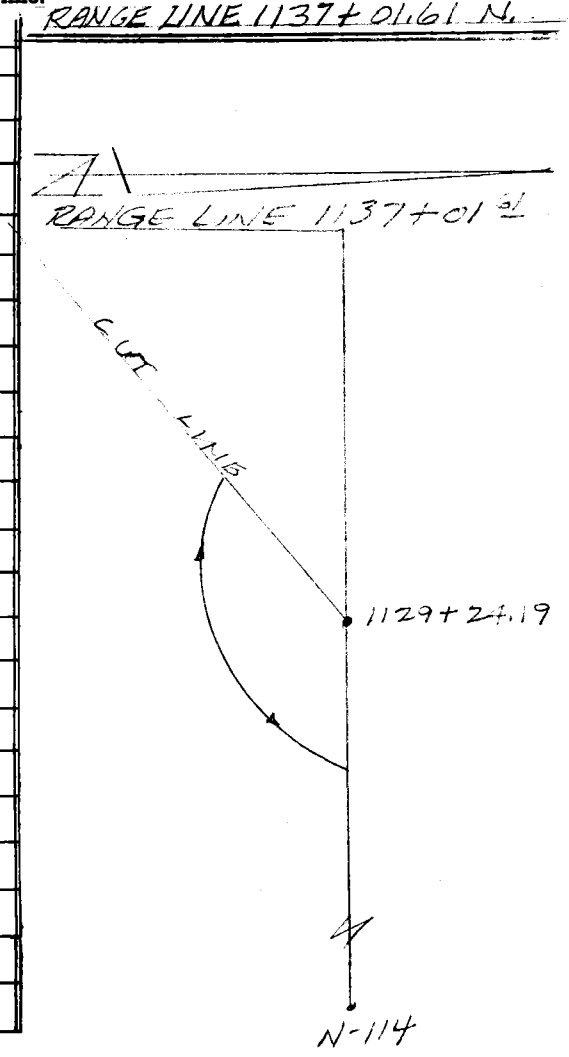
765420A - CE 353A - Cdb 9-62

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 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					
1129+24.2	N-114	9:53	1	103°	44'			
			2	105°	46'			
			3	108°	27'			
			4	111°	40'			
			5	115°	37'			
			6	121°	41'			
			7	127°	23'			
			8	132°	06'			
			9	135°	06'			
			10	139°	40'			
			11	144°	32'			
			12	147°	40'			
			13	148°	26'			
			14	152°	44'			
			15	156°	49'			
		9:56	16	159°	20'			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 109
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes J.G. Date 4-26-61
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3794 Pg. 110 | Job No. 0300-02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J. G. 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.

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.

76L298 307 Cdb 12-62

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					
				76	16			
				74	14			
				71	33			1370208
				68	20			
				64	23			
				58	19			1370210
				52	37			
				47	54			
				44	54			1370212
				40	20			
				35	28			
				32	20			1370214
				31	34			
				27	16			
				23	11			1370216
				20	40			
				00	00			
				00	00			1370218
				00	00			
				00	00			
				00	00			1370220

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____ Date____

F. B. 3704 PG. 109 A

76L298 307 Cdb 12-62

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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.

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Notes Date

Job No. Notes Date

F. B. 3104 Pg 110 A

Survey of

Survey by

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					
				74	44			
				00	00			
				00	00			1370222
				00	00			
				00	00			
				00	00			1370224
				41	08			
				35	46			
				29	18			1370232
				21	08			
				13	23			
				09	46			1370234
				00	00			
				00	00			
				00	00			1370236
				74	44			
				00	00			
				00	00			1370238
				00	00			
				00	00			
				00	00			1370240

76-L-298 CE 307 2-63

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1139+53° N	
	400	1319.		919	• T.P. FROM PREVIOUS PG LEFT	
			992	327	•38 SET 1X2	
			86	46	•21 MHW SAND	
			480	839	•	℄ SET 1X2
			58	74	•	℄ SAND
			126	1193	•	RIGHT 30 SET 1X2 UP 0.2
			+18	150		48 BOT BANK
			+60	192	•	58 TOP "
			+68	200	•	62 BOT "
			+232	364	•	81 TOP "
T.P			622	697	•	
					CUT GUN ON N-115	SIGHT ON 1139+53°
	-032	807.		839	•T.P. 1X2	℄
			60	21.	1 11° 43'	
			70	11.	2 16 46	
			78	03.	3 21 52	
			100	-19.	4 29 35	
			116	-35.	5 37 12	
			131	-50.	6 41 48	
			152	-71.	7 47 13	
			161	-80.	8 49 47	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 230002 Division No. 11 F.B. 3794 Pg. 111
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes [illegible] Date [illegible] 26 62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76S420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
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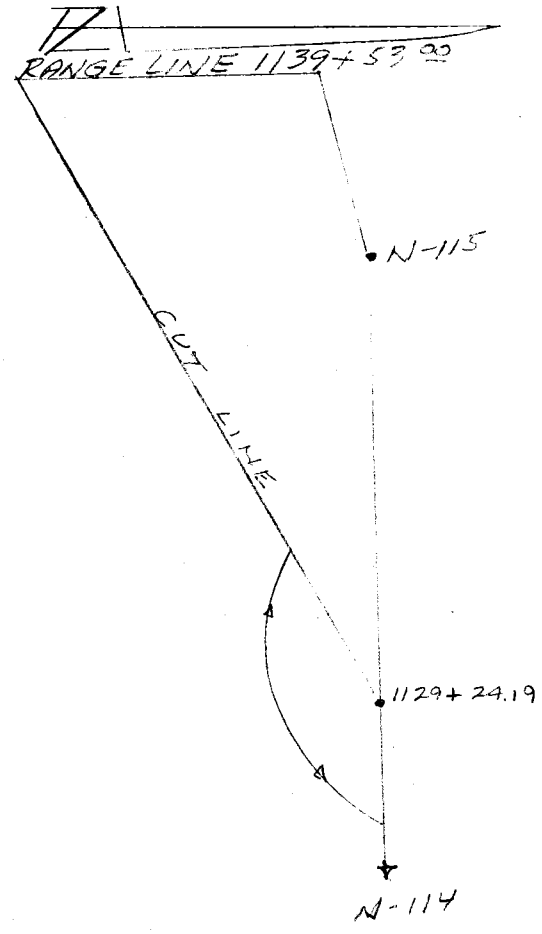
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
1129+24.2	N-114	10:05	1	107°	53'			
			2	110°	44'			
			3	114°	26'			
			4	118°	33'			
			5	122°	52'			
			6	127°	38'			
			7	133°	26'			
			8	140°	03'			
			9	145°	10'			
			10	149°	36'			
			11	153°	33'			
			12	156°	46'			
		10:09	13	159°	58'			

RANGE LINE 1139+53.00 N.



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 379 4 Pg. 113
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-26-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3794 Pg. 114 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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.

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.

76L298 307 Cdb 12-62

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					
				72	07			
				69	16			
				65	34			1395310
				61	27			
				57	08			
				52	22			1395312
				46	34			
				39	57			
				34	50			1395314
				30	24			
				26	27			
				23	14			1395316
				20	02			
				00	00			
				00	00			1395318
				00	00			
				00	00			
				00	00			1395320
				95	04			
				00	00			
				00	00			1395322

X

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____ Date____

F. B. 379A PG 13 A

76L298 307 Cdb 12-62

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. 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					
				00	00			
				00	00			
				00	00			1395324
				49	47			
				47	13			
				41	48			1395332
				37	12			
				29	35			
				21	52			1395334
				16	46			
				11	43			
				00	00			1395336
				00	00			
				00	00			
				00	00			1395338
				95	04			
				00	00			
				00	00			1395340
				00	00			
				00	00			
				00	00			1395342

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

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

F. B. 3794 Pg. 114 A

Survey of ____

Survey by ____

Indexed ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1142 + 04°	
	5 09	1206		697	T.P. FROM PREVIOUS PG LEFT	
			9 27	279.33	SET 1X2 UP 0.1	
			7 5	46.15	M.H.W. SAND	
			484	722		℄ SET 1X2
			59	62		℄ SAND
			40	81		RIGHT 19 GR.CH.
			330	88		30 SET 1X2
			24	97		53 BOT BANK
			+230	351		TOP " 70 FLOOR BLDG
T.P.			474	732		
					CUT GUN AT N-115	SIGHT ON 1142+04°
	0 50	772		722	1X2 ON ℄	
			166	-89	#1 31°06'	
			146	-69	2 26 46	
			133	-56	3 23 30	
			117	-40	4 19 07	
			95	-18	5 13 23	
			80	-03	6 9 51	
			67	10	7 6 35	

(1141+80, 20X15 ROCK, 58 FT LEFT ABOUT 5 FT ABOVE MEAN H.W.)

DATUM
MEAN LOWER L[illegible] WATER

Profile No. ___ Notes Red ___ Plotted ___ Job No. 030002 Division No. 11 F.B. 3794 PG. 115
Date ___ Date ___ Survey of MALIBU HYDRO
X-Sec. No. ___ Notes Chkd. ___ Checked ___ Survey by WILSON Notes [illegible] Date [illegible]
Date ___ Date ___ Map No. ___ Indexed G. J. GALLI Date ___

76S420A - CE 353A - Cdb 9-62

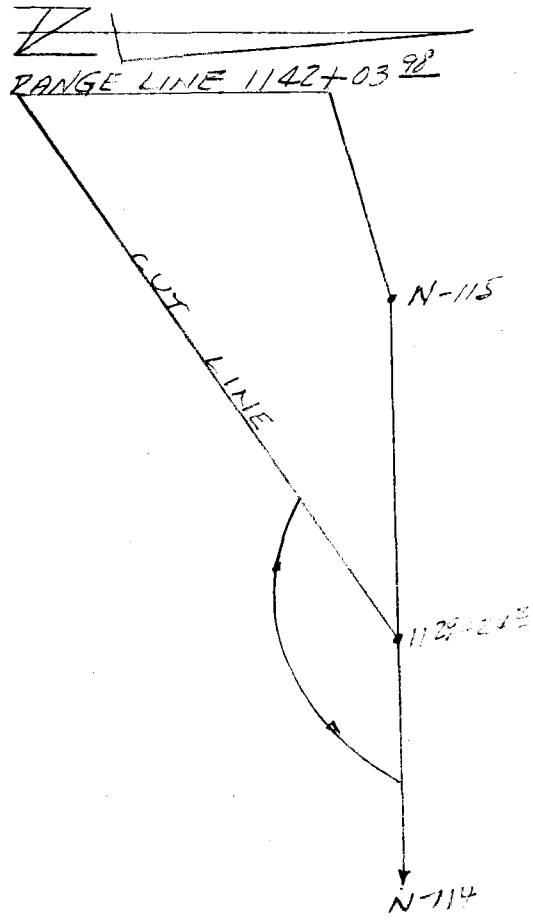
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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 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					
1129+24.2	N-114	[illegible]	1	114°	56'			
			2	117°	25'			
			3	120°	17'			
			4	123°	03'			
			5	126°	29'			
			6	130°	14'			
			7	134°	42'			
			8	139°	29'			
			9	143°	15'			
			10	147°	04'			
			11	150°	32'			
			12	153°	03'			
			13	155°	12'			
			14	157°	04'			
			15	158°	42'			
			16	160°	47'			
		10:19	17	163°	10'			

RANGE LINE 1142+03.98 N.



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 117
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes J.G. Date 4-26-61
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] GALLI Date ____

F. B. 3794 PG. 118 | 0300.02

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

Survey of HYDROGRAPHIC SURVEY ______ Date ______ Date ______ No. ______

Survey by RICHARDS ______ Notes J. G. ______ 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.

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.

76L298 307 Cdb 12-62

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 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					
				65	04			
				62	35			
				59	43			1420410
				56	57			
				53	31			
				49	46			1420412
				45	18			
				40	31			
				36	45			1420414
				32	56			
				29	28			
				26	57			1420416
				24	48			
				22	56			
				21	18			1420418
				19	13			
				16	50			
				00	00			1420420
				00	00			
				00	00			
				00	00			1420422

X

Profile Notes Red.____ Plotted____ Job No.____ Division No.____ F. B. 3794 Pg. 117A

No.____ Date____ Date____ Survey of____

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

No.____ Date____ Date____ Map No.____ Indexed____ Date____

76L298 307 Cdb 12-62

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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					
				95	04			
				00	00			
				00	00			1420424
				00	00			
				00	00			
				00	00			1420426
				31	06			
				26	46			
				23	30			1420434
				19	07			
				13	23			
				09	51			1420436
				06	35			
				00	00			
				00	00			1420438
				00	00			
				00	00			
				00	00			1420440
				95	04			
				00	00			
				00	00			1420442

F. B. 3794 PG. 118A

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. ____

76-L-298 CE 307 2-63

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1144+55° N	
	495	1227		732	T.P. FROM PREVIOUS PG LEFT	
			980	247	46 SET 1X2 UP 0.5	
			77	46	21 M.H.W. SAND	
			384	843		℄ SET 1X2
			50	73		℄ SAND RIGHT
			092	1135		30 SET 1X2 UNDER BLDG
			00	123		45 BOT SEA WALL
			+26	149		46 TOP " "
			+148	271		77 FLOOR BLDG TOP BANK
T.P.			512	715		
					CUT GUN AT N-115	SIGHT ON 1144+55°
	-074	7 69		843	T.P. 1X2 ℄	
			57	20	46 FT LEFT	
			66	11	#1 4' 20'	
			81	-04	2 7 31	
			125	-48	3 10 44	
			125	-48	4 14 23	
			136	-59	5 18 08	
			105	-28	6 19 28	← ROCK RIDGE TO W. PAST NEXT 2 RANGE LINES
			170	-93	7 21 02	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 23002 Division No. 11 F.B. 3794 Pg. 119
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

765420A - CE 353A - Cdb 9-62

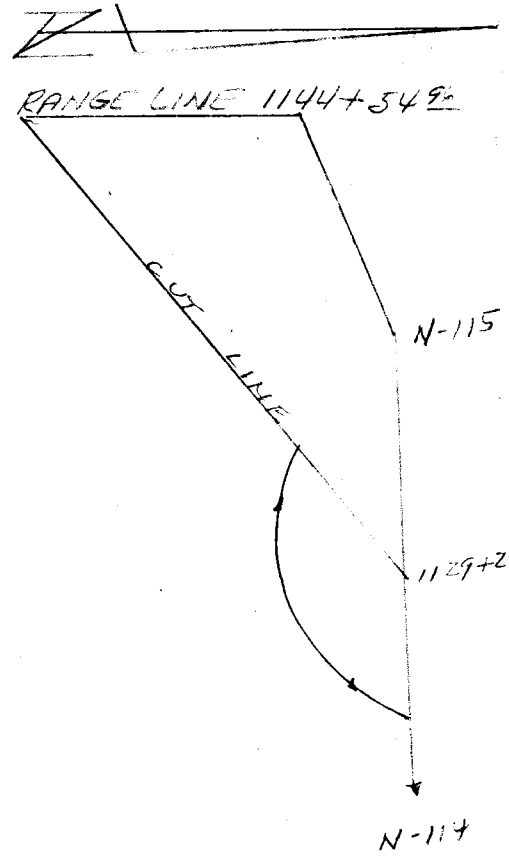
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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 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					
1129+24.2	N-114	10:27	1	122°	20'			
			2	125°	04'			
			3	128°	14'			
			4	132°	10'			
			5	135°	57'			
			6	140°	14'			
			7	144°	05'			
			8	146°	55'			
			9	150°	42'			
			10	153°	27'			
			11	155°	01'			
			12	156°	49'			
		10:30	13	158°	12'			

RANGE LINE 1144+54.96 N.



Profile Notes Red. ____ Plotted ____ Job No. 0300.07 Division No. 11 F.B. 3794 Pg. 121
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3794 Pg. 122 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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 Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 Cdb 12-62

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					
				57	40			
				54	56			
				51	46			1445510
				47	50			
				44	03			
				39	46			1445512
				35	55			
				33	05			
				29	18			1445514
				26	33			
				24	59			
				23	11			1445516
				21	48			
				00	00			
				00	00			1445518
				00	00			
				00	00			
				00	00			1445520
				95	04			
				00	00			
				00	00			1445522

X

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____ Date____

F. B. 3794 PG. 121 A

76L298 307 Cdb 12-62

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. 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					
				00	00			
				00	00			
				00	00			1445524
				21	02			
				19	28			
				18	08			1445532
				14	23			
				10	44			
				07	31			1445534
				04	20			
				00	00			
				00	00			1445536
				00	00			
				00	00			
				00	00			1445538
				95	04			
				00	00			
				00	00			1445540
				00	00			
				00	00			
				00	00			1445542

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Notes Date

Job No. Notes Date

Survey of

Survey by

Indexed

F. B. 379 X Pg. 122

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1147+05.2 N	
	576	1291		715	T.P. FROM PREVIOUS PG LEFT	
			967	324	.37 SET 1x2	
			83	46	.23 M.H.W.	
			392	899		℄ SET 1x2
			53	76		℄ SAND RIGHT
			040	1251		30 SET 1x2 GR.CH. ROW PILINGS
			+02	131		49 BOT SEA WALL UNDER BLDG
			+41	170		50 TOP " "
			+36	165		51 CONC DECK
T.P.			370	921	N-116 FD 3/4" I.P. CONC & TG	
					CUT GUN N-115 SIGHT ON N-116	
	513	837		324	1x2 37 FT LEFT	
			152	-68	#1 17° 27'	OUTSIDE ROCK REEF
			158	-74	2 15 07	
			124	-40	3 13 19	
			89	-05	4 7 35	INSIDE REEF
			85	-01	5 5 50	
			74	10	6 3 17	

DATUM
MEAN LOWER LOW WATER

Profile No. ___ Notes Red ___ Date ___ Plotted ___ Date ___ Job No. 0800.02 Division No. 11 Survey of MALIBU HARBOR Survey by [illegible] Notes [illegible] Date [illegible] Map No. ___ Indexed C. J. GALL Date ___

X-Sec. No. ___ Notes Chkd. ___ Date ___ Checked ___ Date ___

F.B. 3794 Pg. 123

765420A - CE 353A - Cdb 9-62

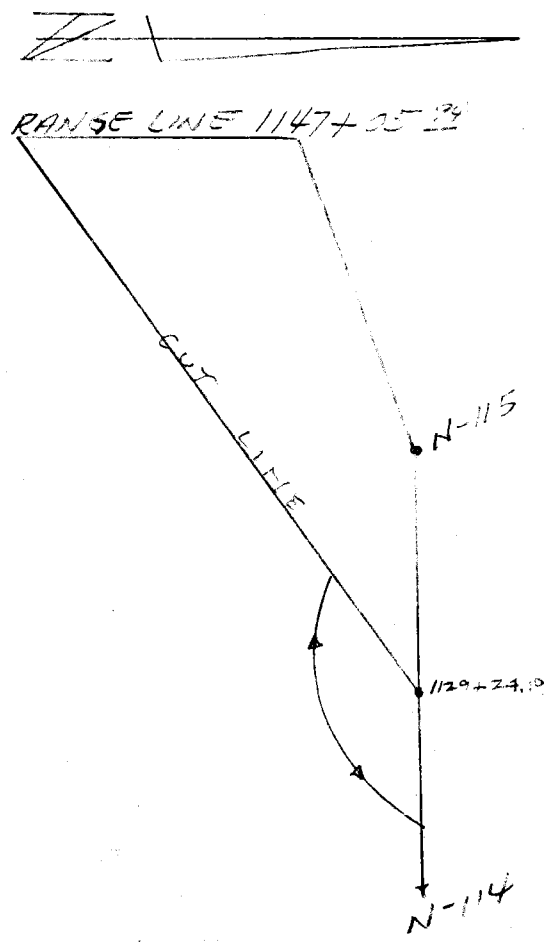
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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 Deg.	Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
1129+24.3	N-114	10:38	1	124°	37'			
			2	127°	21'			
			3	130°	22'			
			4	135°	35'			
			5	136°	31'			
			6	140°	14'			
			7	144°	02'			
			8	146°	38'			
			9	149°	13'			
			10	151°	19'			
			11	153°	06'			
			12	154°	43'			
			13	156°	40'			
			14	158°	25'			
		10:42	15	159°	47'			

RANGE LINE 1147+05.94 N.



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 125
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by RICHARDS Notes J.G. Date 4-26-61
Map No. ____ Indexed C.J. GALL Date ____

F. B. 3794 PG. 126 | 0300.02 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEY Date ____ Date ____ No. ____

Survey by RICHARDS Notes J.G. 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.

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.

76L298 307 Cdb 12-62

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					
				55	23			
				52	31			
				49	38			1470610
				46	25			
				43	29			
				39	46			1470612
				35	58			
				33	22			
				30	47			1470614
				28	41			
				26	54			
				25	17			1470616
				23	20			
				21	35			
				20	13			1470618
				00	00			
				00	00			
				00	00			1470620
				95	04			
				00	00			
				00	00			1470622

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F. B. 3794 PG. 125 A

No. ____ Date ____ Date ____ Survey of ____

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

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

76L298 307 Cdb 12-62

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. 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					
				00	00			
				00	00			
				00	00			1470624
				17	27			
				15	07			
				13	19			1470632
				07	35			
				05	50			
				03	17			1470634
				00	00			
				00	00			
				00	00			1470636
				95	04			
				00	00			
				00	00			1470638
				00	00			
				00	00			
				00	00			1470640

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Notes Date

Job No. Notes Date

F. B. 3704 PG. 726 A

Survey of

Survey by

Indexed

76L298 307 Cdb 12-62

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						
				00	00				
				00	00				
				00	00			1007844	to pg 52-A 3794
				00	00				
				00	00				
				00	00			1033644	to pg 56-A 3794
				00	00				
				00	00				
				00	00			1111044	to pg 68-A
				00	00				
				00	00				
				00	00			1136944	to pg 72 A
				00	00				
				00	00				
				00	00			1188842	to pg 82 3794
				74	44				
				00	00				
				00	00			1266542	
				00	00				to pg. 94 3794
				00	00				X
				00	00			1266544	

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F. B. 3794 PG. 127

No. ____ Date ____ Date ____ Survey of ____

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

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

76L298 307 Cdb 12-62

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.

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No.

Job No. Notes Date

F. B. 3794 Pg.

Survey of

Survey by

Indexed

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						
				00	00				
				00	00				
				00	00			1292442	to pg 98
				00	00				
				00	00				
				00	00			1318342	to pg 102
				00	00				
				00	00				
				00	00			1344242	to pg 106A
				00	00				
				00	00				
				00	00			1420444	pg 118-A
				00	00				
				00	00				
				00	00			1670642	pg 160
				00	00				
				00	00				
				00	00			1748342	to pg 172

3794

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1149+572 N	
	493	1414		921	T.P. FROM PREVIOUS PG	
			1029	385	92 LEFT SET 1X2	
			95	46	81 M.H.W.	
			66	75	42 GR.CH.	
			227	1187		℄ SET 1X2
			42	99		℄ SAND RIGHT
			48	93		2 BOT. BANK
			08	133		15 TOP BANK
			+47	188		18 WOOD DECK FRONT BLDG
			+36	177		66 GROUND
T.P.			431	983		
					CUT GUN AT 1159+67.2 SIGHT ON 1149+57	
	317	702 ~~699~~		385	1X2 92 FT	
			50	20	#1 6° 43'	
			55	15	2 8 27	
			64	06	3 9 54	← BEGIN HUGE ROCK AT W'LY END OF REEF
	ESTIMAT		+10	-30 ~~170~~	4 12 07	
		NO ELEV.			5 13 15	← END ROCK
					ROCKS TO SEAWARD THAT SHOW OCCASIONALLY TO DANGEROUS TO SWIM	
					REEF END ABOUT 1150+50	

DATUM
MEAN LOWER LOW WATER

Profile No. 1 Notes Red ____ Plotted ____ Job No. 23002 Division No. 11 F.B. 3794 Pg. 127
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ARAUJO Date 4-26-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO

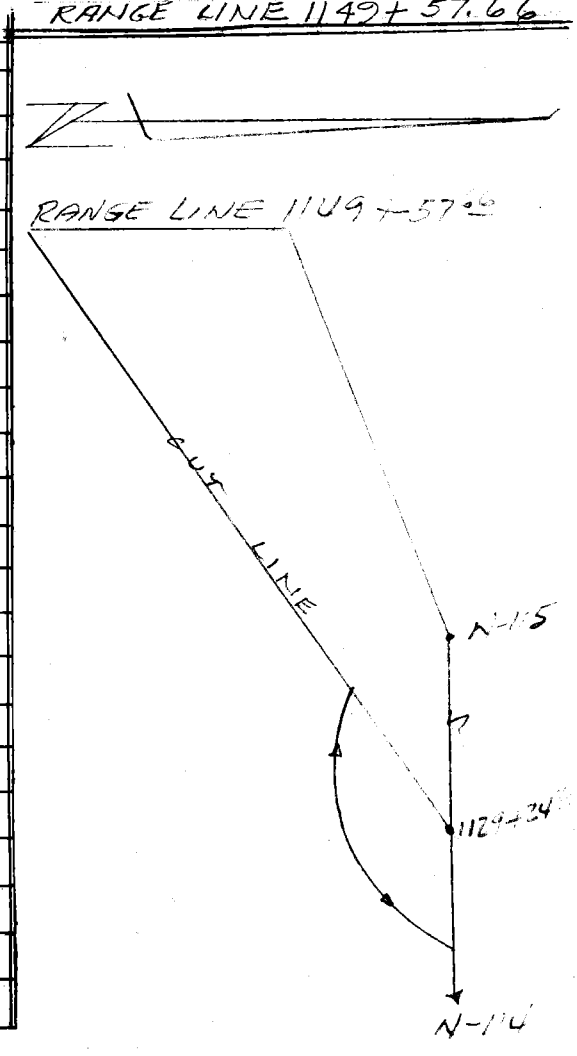
LOS ANGELES COUNTY SURVEYOR

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 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					
1129+34.3	N-114	11:00	1	137°	45'			
			2	141°	17'			
			3	144°	54'			
			4	149°	00'			
			5	151°	58'			
			6	153°	43'			
			7	155°	43'			
			8	157°	45'			
		11:02	9	158°	08'			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 129

No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes J.G. Date 4-26-67

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

F. B. 3799 PG. 130 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				42	15			
				38	43			
				35	06			1495812
				31	00			
				28	02			
				26	17			1495814
				24	17			
				22	15			
				21	52			1495816
				00	00			
				00	00			
				00	00			1495818
				81	51			
				00	00			
				00	00			1495820
				00	00			
				00	00			
				00	00			1495822

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____ Date____

F. B. 3794 Pg. 129 A

76L298 307 Cdb 12-62

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 DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				98	09			
				00	00			
				00	00			1495830
				00	00			
				00	00			
				00	00			1495832
				13	15			
				12	07			
				09	54			1495834
				08	27			
				06	43			
				00	00			1495836
				00	00			
				00	00			
				00	00			1495838
				06	29			
				03	49			
				00	00			2151742
				00	00			
				00	00			
				00	00			2151744

to Pg. 238 A

F. B. 3794 PG. 129 A

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. ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1152+10² N	
	610	1593.		983.	T.P. FROM PREVIOUS PG. LEFT	
			1075	518	53 SET 1X2 UP 0.1	
			113	46	60 M.H.W. SAND	
			463	1130		℄ SET 1X2
			55	104		℄ SAND RIGHT
			40	119		13 GR. CH.
			221	1372		30 SET 1X2
			+21	180		75 BOT BANK
			+146	305		96 TOP "
T.P.			697	896		
					CUT GUN 1159 +67 ℄	SIGHT ON 1152+10²
	225	743.		518	1X2 53 FT LEFT	
			56	18.	#1 7° 00'	
			66	08.	2 8 56'	
			77	-03.	3 11 26	
			90	-16.	4 14 20	
			101	-27	5 17 18	
			111	-37.	6 19 54	
			142	-68	7 22 43	ROCKS DEEP.
			135	-61.	8 25 30	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. C300 Division No. 11 F.B. 3794 Pg. 131
Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

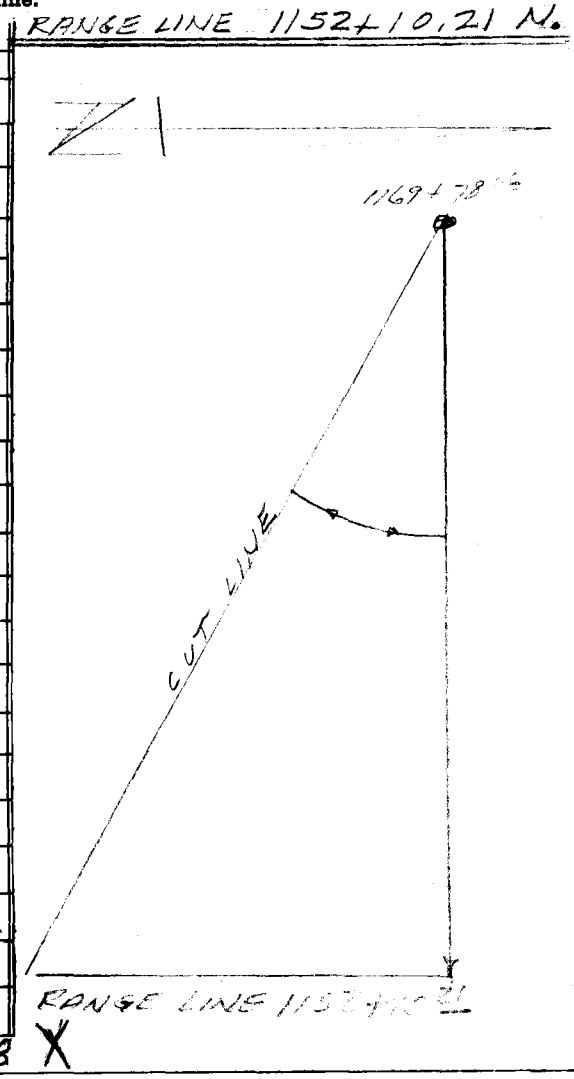
76S420A - CE 353A - Cdb 9-62

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 DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1169+78.06	N-116	11:39	1	36°	59'			
			2	34°	44'			
			3	31°	55'			1521012
			4	29°	15'			
			5	25°	48'			
			6	23°	00'			1521014
			7	20°	26'			
			8	18°	14'			
			9	16°	12'			1521016
			10	14°	16'			
			11	13°	13'			
			12	12°	57'			1521018
			13	10°	40'			
			14	09°	21'			
		11:42	15	07°	35'			1521020
				00	00			
				00	00			
				00	00			1521022
				98	09			
				00	00			
				00	00			1521008



Profile Notes Red. ____ Plotted ____ Job No. 0300-07 Division No. ____ F. B. 3794 Pg. 133
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-26-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F. B. 3794 Pg. 134 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile No.
Survey of HYDROGRAPHIC SURVEY Date Date X-Sec. No.
Survey by RICHARDS Notes J.G. Notes Chkd. Checked
Indexed Date Date Date

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 Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				00	00			
				00	00			
				00	00			1521010
				25	30			
				22	43			
				19	54			1521038
				17	18			
				14	20			
				11	26			1521040
				08	56			
				07	00			
				00	00			1521042
				00	00			
				00	00			
				00	00			1521044
				98	09			
				00	00			
				00	00			1521034
				00	00			
				00	00			
				00	00			1521036

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.				
					1154+62.8 N			
	4.76	13.72		8.96	T.P. FROM PREVIOUS PG			
			8.69	5.03	.35 SET 1X2 LEFT			
			9.1	4.6	.39 M.H.W. SAND			
			4.31	9.41			℄ SET 1X2	
			5.6	8.1			℄ SAND	
			3.9	9.8			31 BOT BANK RIGHT	
			1.1	12.6			34 TOP "	
			0.09	13.03			40 SET 1X2	
			0.6	13.1			50 ROW PILINGS BLDG	
			+9.0	22.7			50 FLOOR BLDG	
			+1.0	14.7			73 GR. CH. UNDER BLDG	
			+7.9	21.6			97 BOT FOOTING	
T.P.			6.27	7.45	CUT GUN AT 1159+62.8		SIGHT ON 1154+62.8	
	1.78	6.81		5.03	1X2 35 FT LEFT			
			16.6	-9.8	#1	34°	57'	
			11.8	-5.0	2	28	16	
			9.4	-2.6	3	20	58	
			7.6	~~-1.2~~ -0.8	4	15	23	
			6.2	0.6	5	11	02	
			5.1	1.7	6	8	04	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 3 3006.3 Division No. 11
No. ____ X-Sec. ____ Date ____ Date ____ Survey of MALIBU HYDRO
No. ____ Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-26-62
Date ____ Date ____ Map No. ____ Indexed by GALL Date ____

F.B. 3794 PG. 135

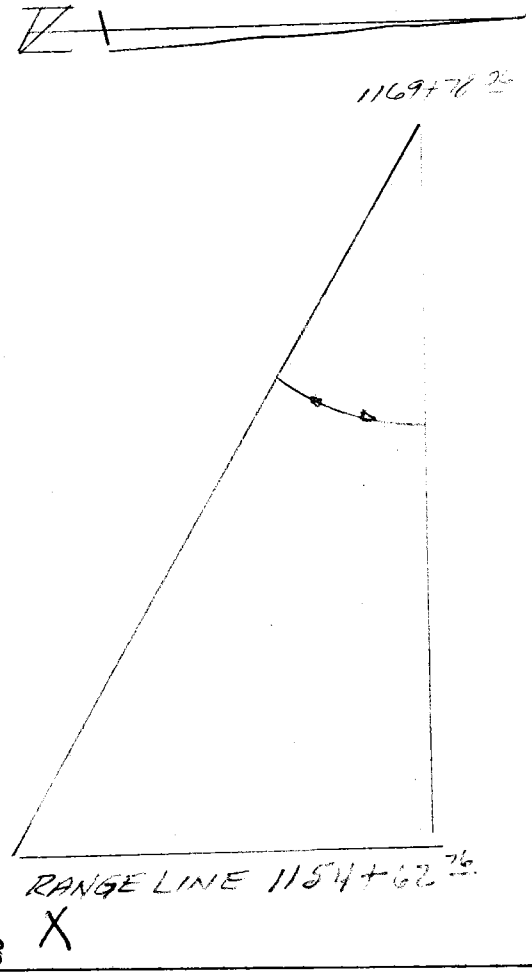
76S420A - CE 353A - Cdb 9-62

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 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					
[illegible]	N-116	11:51	1	37°	47'			
			2	34°	59'			
			3	32°	17'			1546312
			4	29°	08'			
			5	25°	27'			
			6	22°	17'			1546314
			7	19°	51'			
			8	16°	57'			
			9	14°	52'			1546316
			10	13°	07'			
			11	11°	17'			
			12	09°	50'			1546318
		11:54	13	07°	53'			
				00	00			
				00	00			1546320
				00	00			
				00	00			
				00	00			1546322
				98	09			
				00	00			
				00	00			1546308



Profile Notes Red.____ Plotted____ Job No.____ Division No.____ F. B. 3794 Pg. 137
No.____ Date____ Date____ Survey of [illegible]
X-Sec. Notes Chkd.____ Checked____ Survey by [illegible] Notes J.G. Date 6-26-61
No.____ Date____ Date____ Map No.____ Indexed C. J. GALLI Date____

F. B. 3794 PG. 138 Job No. C300-02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEY Date _____ Date _____ No. _____

Survey by RICHARDS Notes J.G. Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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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.	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					
				00	00			
				00	00			
				00	00			1546310
				34	57			
				28	16			
				20	58			1546334
				15	23			
				11	02			
				08	04			1546336
				00	00			
				00	00			
				00	00			1546338
				98	09			
				00	00			
				00	00			1546330
				00	00			
				00	00			
				00	00			1546332

76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1157+15 3 N	
	607	1352		745	T.P. FROM PREVIOUS PG	
			732	620	LEFT 16 SET 1X2	
			462	890		℄ SET 1X2
			61	74		℄ SAND
			243	1109		RIGHT 40 SET 1X2
			12	123		47 GR.CH.
			+36	171		87 BOT BANK
			+82	217		108 TOP "
T.P.			638	714		
					CUT GUN AT 1159+67 2	SIGHT ON 1157+15 3
	154	774		620	1X2 16FT LEFT	
			23	54	30 FT LEFT BRK	
			31	46	37 FT " MHW	
			61	16	#1 15° 00	
			67	10	2 20° 00	
			82	-05	3 26 43	
			107	-30	4 36 36	
			135	-58	5 45 11	
			164	-87	6 49 50	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 3[illegible] Division No. 11 F.B. 3794 Pg. 139
Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-26-62
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

765420A • CE 353A • Cdb 9-62

PLEASE RETURN TO
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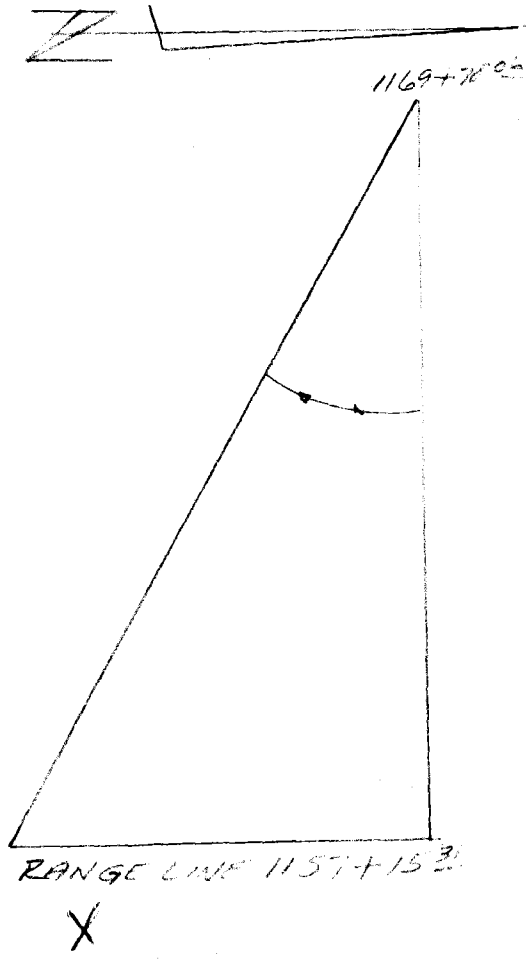
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
1169+78.04	N-116	12:04	1	44°	40'			
			2	43°	12'			
			3	39°	54'			1571512
			4	36°	05'			
			5	33°	14'			
			6	30°	01'			1571514
			7	25°	55'			
			8	22°	45'			
			9	19°	27'			1571516
			10	[illegible]	20'			
			11	[illegible]	42'			
			12	[illegible]	34'			1571518
			13	[illegible]	21'			
		[illegible]	14	38°	47'			
				00	00			1571520
				00	00			
				00	00			
				00	00			1571522



Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F. B. 3794 Pg. 141
No. ____ Date ____ Date ____ Survey of [illegible] REPUBLIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F. B. 3794 Pg. 142 Job No. 0300-02 Division No. 11 Notes Red. Plotted Profile
Survey of HYDROGRAPHIC SURVEY Date Date No.
Survey by RICHARDS Notes T.G. Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

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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					
				98	09			
				00	00			
				00	00			1571508
				00	00			
				00	00			
				00	00			1571510
				98	09			
				00	00			
				00	00			1571530
				00	00			
				00	00			
				00	00			1571532
				49	50			
				45	11			
				36	36			1571534
				26	43			
				20	00			
				15	00			1571536
				00	00			
				00	00			
				00	00			1571538

Notes Ck'd by	Survey of MALIBU AREA HYDROGRAPHIC SURVEY
Map No.	JN 0300.02 Tape Std °F
Office Work	Surveyed by RICHARDS
Checked	Notes UHARRIET Date 4-27-67
Date	Indexed C. J. GALLI

F. B3794 PG. 143

TIDE GAGE READINGS
APRIL 27, 1967
TIME - P.S.T.
DATUM - M.L.L.W.

TIME	TIDE
6:00	-1.1
6:30	-0.9
7:00	-0.6
7:30	-0.1
8:00	0.4
8:30	1.0
9:00	1.4
9:30	1.9
10:00	2.3
10:30	2.7
11:00	3.0
11:30	3.1
12:00	3.2
12:30	3.2
13:00	3.2
13:30	2.9
14:00	2.8

NOTE — TIDE GAGE STATION IS LOCATED AT SOUTH END OF BERTH 60, L.A. OUTER HARBOR.

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

Do not extend this side of this line.

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76F309S CE#310 1-65

BLANK

F. B. 3794 PG 144

April 27, 1967

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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.

76-L-298 CE 307 2-63

+63

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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.	1159+67.9 N	
	571	1285		714	T.P. FROM PREVIOUS PG	
			700	585	19 LEFT SET 1X2	
			393	892		℄ SET 1X2
			56	73		℄ SAND
			298	987		40 RIGHT SET 1X2
			09	120		60 COW PILINGS SIDE BLDG
			+63	192		60 FLOOR BLDG
T.P.			610	675		
					CUT GUN AT 1157+15.3 SIGHT 1159+67	4-27-67
	037	62		585	1X2 19 FT LEFT	
			16	46	32 FT LEFT M.H.W	
			30	32	50 " "	
			52	10	#1 21° 27	
			68	-06	2 30 38	
			88	-26	3 40 01	
			111	-49	4 50 43	
			133	-71	5 58 20	
			180	-118	6 62 41	

DATUM
MEAN LOWER LOW WATER

Profile No. ___ Notes Red ___ Plotted ___ Job No. 030002 Division No. 11 F.B. 3794 Pg. 145
X-Sec. No. ___ Date ___ Date ___ Survey of MALIBU HYDRO
Notes Chkd. ___ Checked ___ Survey by WILSON Notes ADAMS Date 4-26-67
Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

76S420A - CE 353A - Cdb 9-62

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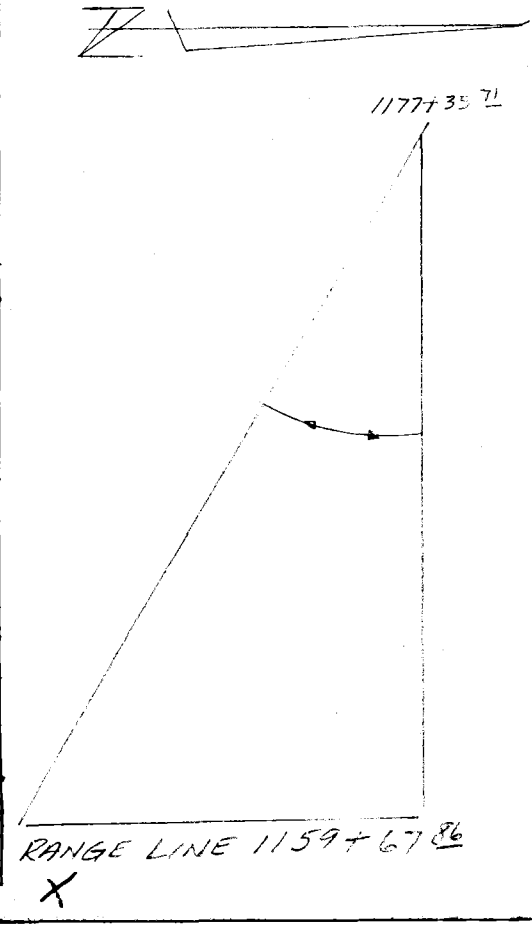
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
1177+35.71	N-116	8:16	1	42°	12'			
			2	39°	53'			
			3	37°	08'			1596812
			4	34°	16'			
			5	31°	18'			
			6	27°	36'			1596814
			7	24°	23'			
			8	20°	28'			
			9	17°	31'			1596816
			10	14°	03'			
			11	12°	29'			
			12	10°	24'			1596818
		8:19	13	09°	23'			
				00	00			
				00	00			1596820
				00	00			
				00	00			
				00	00			1596822



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 147
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes JTG Date 4-27-61
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				98	09			
				00	00			
				00	00			1596808
				00	00			
				00	00			
				00	00			1596810
				62	41			
				58	20			
				50	43			1596830
				40	01			
				30	38			
				21	27			1596832
				00	00			
				00	00			
				00	00			1596834
				81	51			
				00	00			
				00	00			1596836
				00	00			
				00	00			
				00	00			1596838

F. B. 3794 PG. 148 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked X-Sec.

Indexed Date Date No.

76-L-298 CE 307 2-63

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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.	1162+20.4 N	
	602	1277.		675	T.P. FROM PREVIOUS PG	
			679	598	10 SET 1X2 LEFT	
			503	774		℄ SET 1X2
			64	64		℄ SAND
			309	968		RIGHT 40 SET 1X2
			15	113		64 BOT PILINGS BLDG
			+35	163		64 FLOOR BLDG
			11	117		UNDER BLDG 79 BOT FOOTING
T.P.			546	731		
					CUT GUN AT 1157+15.3 SIGHT ON 1162+20.4	
	095	693.		598	1X2 10 FT LEFT	
		ESTIM.	215	-146.	1 41° 52'	ESTIM.
			139	-70.	2 34 17	
			104	-35.	3 24 21	
			71	-02.	4 14 08	
			64	05.	5 11 26	
			37	32.	50 FT LEFT	
			23	46.	28 FT LEFT M.H.W.	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 0300 82 Division No. 11 F.B. 3794 Pg. 149
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes ADAMS Date 4-26-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76S420A - CE 353A - Cdb 9-62

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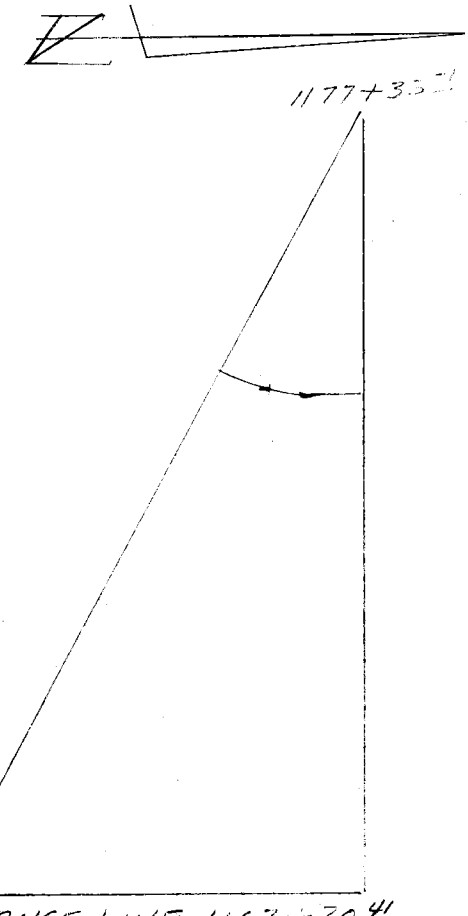
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
1177+35.71	N-116	8:26	1	43°	18'			
			2	41°	45'			
			3	39°	46'			1622012
			4	37°	24'			
			5	34°	37'			
			6	31°	34'			1622014
			7	27°	52'			
			8	24°	59'			
			9	22°	24'			1622016
			10	19°	37'			
			11	17°	15'			
			12	14°	52'			1622018
			13	12°	29'			
			14	11°	02'			
		8:30	15	09°	47'			1622020
				00	00			
				00	00			
				00	00			1622022
				98	09			
				00	00			
				00	00			1622008



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 151
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes J.G. Date 4-27-67
No. Date Date Map No. Indexed C.J. GALL Date

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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. 3794 Pg. 152 Job No. 030002 Division No. 11 Notes Red. Plotted

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked X-Sec.

Indexed Date Date Date No. Profile

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					
				00	00			
				00	00			
				00	00			1622010
				41	52			
				34	17			
				24	21			1622030
				14	08			
				11	26			
				00	00			1622032
				00	00			
				00	00			
				00	00			1622034
				81	51			
				00	00			
				00	00			1622036
				00	00			
				00	00			
				00	00			1622038

76-L-298 CE 307 2-63

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1164 + 73° N	
	962	1193		731	T.P. FROM PREVIOUS PG	
			703	490	25 LEFT SET 1X2 UP 0.1	
			416	777		℄ SET 1X2
			56	63		℄ SAND
			34	85		32 ROW PILINGS BLDG
725			217	976		40 UNDER BLDG SET 1X2
105			121	1072		54 BOT SEAWALL
			+16	135		55 TOP " "
			+43	162		100 BOT. BANK
			+151	270		111 TOP BANK FLOOR BLDG
T.P.			499	694		
		3			CUT GUN AT 1157+153 SIGHT ON 1164+73°	
	-050	727		777	1X2	℄
			27	46	25 FT LEFT M.H.W.	
			67	06	#1 7° 06'	
			80	-07	2 9 21	
			105	-32	3 15 11	
			147	-74	4 23 55	
			196	-123	5 28 13	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 153
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HIDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-26-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

765420A - CE 353A - Cdb 9-62

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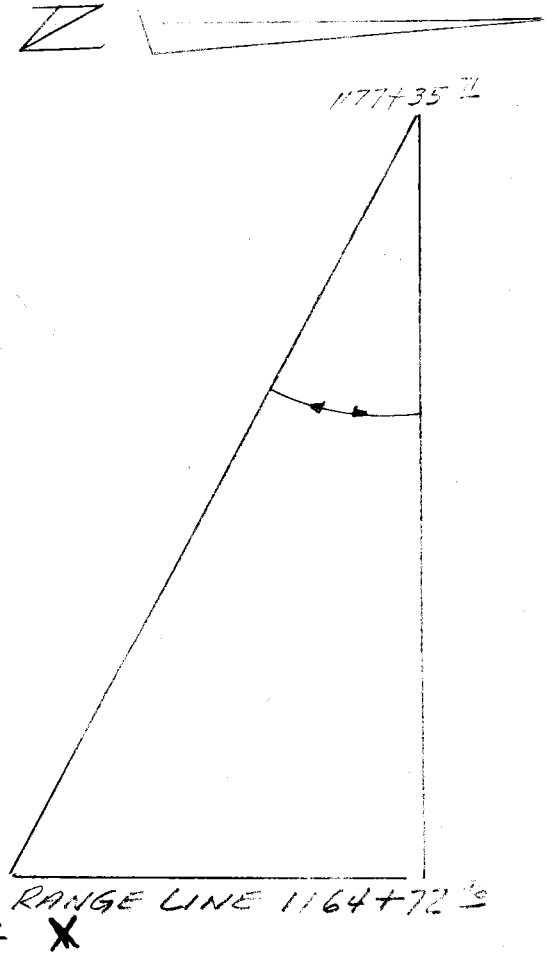
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
1177+35.71	N-116	8:38	1	47°	01'			
			2	44°	37'			
			3	41°	29'			1647312
			4	38°	23'			
			5	35°	30'			
			6	33°	27'			1647314
			7	30°	25'			
			8	27°	42'			
			9	25°	20'			1647316
			10	22°	53'			
			11	22°	37'			
			12	19°	19'			1647318
			13	17°	24'			
			14	15°	48'			
			15	14°	08'			1647320
		8:42	16	12°	27'			
				00	00			
				00	00			1647322
				00	00			
				00	00			
				00	00			1647324 X



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 155
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by RICHARDS Notes J.G. Date 4-27-67
Map No. ____ Indexed C. J. GALLI Date ____

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 DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				98	09			
				00	00			
				00	00			1647308
				00	00			
				00	00			
				00	00			1647310
				28	13			
				23	55			
				15	11			1647332
				09	21			
				07	06			
				00	00			1647334
				00	00			
				00	00			
				00	00			1647336
				81	51			
				00	00			
				00	00			1647338
				00	00			
				00	00			
				00	00			1647340

F. B. 3799 Pg. 156 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No. X-Sec.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked

Indexed Date Date No.

76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1167+25.5 N	
T.P.	750	1444		694	T.P. FROM PREVIOUS PG	
T.B.M. #15			051	1393	FD SM. BT SPK IN 12" PILING HOE #25242	EL = 14.10 MLLW
	016	1426		1410	CORRECT ELEV.	
			135	08	124 LEFT SAND	
			97	46	54 M.H.W.	
			866	560	42 SET 1X2 FLUSH	
			486	940	℄	SET 1X2
			61	82	℄	SAND
			37	106		RIGHT 29 BOT BANK
			16	127		36 TOP "
			099	1327		40 SET 1X2
			+05	148		48 BOT BANK
			+29	172		54 TOP "
			+43	187		72 BOT "
T.P.			506	920		
					CUT GUN 1157+15.3	SIGHT 1167+25.5
	195	755		560	1X2 42 FT	
			194	-119	#1 22° 36'	EST
			156	-81	2 20 06	
			129	-54	DATUM 3	16° 48'
			114		MEAN LOWER LOW WATER	

(con't)

Profile Notes Red ____ Plotted ____ Job No. 3 2 9 9 2 Division No. 11 F.B. 3794 Pg. 157
No. ____ X-Sec. ____ Date ____ Date ____ Survey of MALIBU HYDRO
No. ____ Notes Chkd. ____ Checked ____ Survey by M.L. SOAL Notes APPROS Date 9-27-62
Date ____ Date ____ Map No. ____ Indexed ~~G. J. GALLI~~ Date ____

76-L-298 CE 307 2-63

PLEASE RETURN TO
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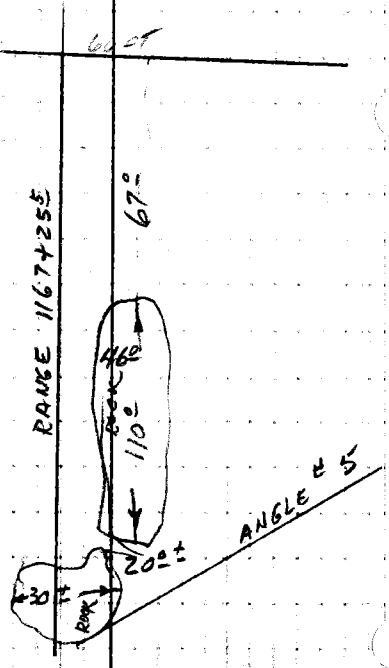
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3794 Pg. 158 Job No. 030002 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of HYD. SUR. Date ____ Date ____ No. ____ X-Sec. ____
Survey by ____ Notes Chkd. ____ Checked ____
Indexed C. J. GALLI Date ____ Date ____ No. ____

STATION	B.S.	H.I.	F.S.	ELEV.		
		755		-39	5 14° 35'	OUTER END OF ROCK
			82	-07	6 13 45	
			75	+01	7 9 27	
			48	28	8 7 46	
			30	46	55 4 49	



DATUM
MEAN LOWER LOW WATER

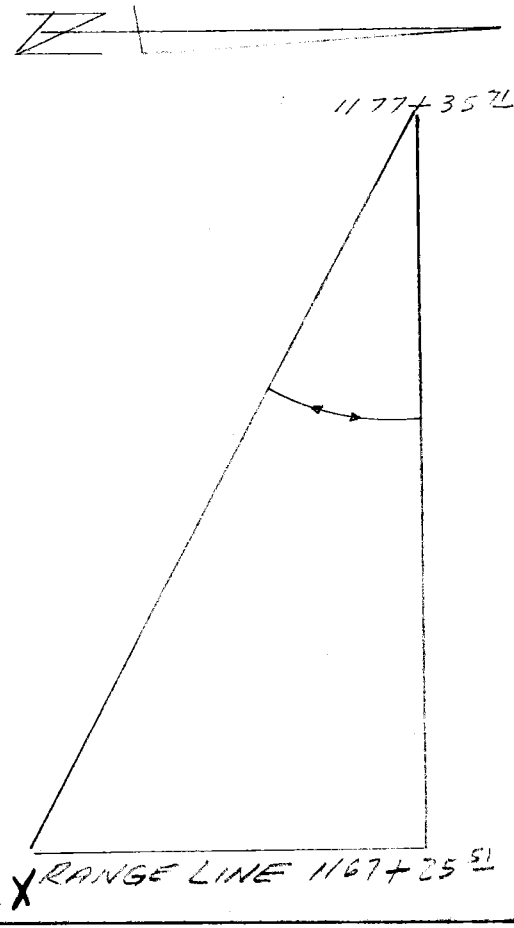
765420A • CE 353A • Cdb 9-62

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 Deg.	Range Line Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
1177+35 ℄	N-116	8:50	1	51°	07'			
			2	49°	07'			
			3	46°	37'			1672612
			4	43°	10'			
			5	39°	35'			
			6	35°	56'			1672614
			7	31°	19'			
			8	29°	24'			
			9	28°	11'			1672616
			10	25°	47'			
			11	24°	07'			
			12	23°	45'			1672618
			13	21°	32'			
			14	19°	44'			
			15	16°	15'			1672620
			16	15°	29'			
				00	00			
				00	00			1672622
				00	00			
				00	00			
				00	00			1672624



Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 159
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd ____ Checked ____ Survey by RICHARDS Notes T.G. Date 4-26-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.L. GALL Date ____

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. 3794 Pg. 160 | Job No. 030002 | Division No. 11 | Notes Red. | Plotted | No. | Profile

Survey of HYDROGRAPHIC SURVEY | Date | Date | No. | X-Sec.

Survey by RICHARDS | Notes J.S. | Notes Chkd. | Checked

Indexed | Date | Date | Date | No.

Inst. At	Sight On	Time	Angle No.	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				98	09			
				00	00			
				00	00			1672608
				00	00			
				00	00			
				00	00			1672610
				22	36			
				20	06			
				16	48			1672632
				14	35			
				13	45			
				09	27			1672634
				07	46			
				04	49			
				00	00			1672636
				00	00			
				00	00			
				00	00			1672638
				81	51			
				00	00			
				00	00			1672640

76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1169+78± N	
	498	1418		920	T.P. FROM PREVIOUS PG	
			127	15	100 LEFT SAND	
			96	46	43 M.H.W. SAND	
			935	433	41 SET 1X2	
			624	794		℄ SET 1X2 FLUSH RIGHT
			47	95		31 BOT BANK
			11	131		36 TOP "
			057	1361		40 SET 1X2 UP 0.2
			124	166		70 BOT BANK
			455	197		80 TOP "
T.P.			514	904		
					CUT GUN 1157+15³	SIGHT ON 1169+78±
	290	773		483	1X2 41 FT LEFT	
			65	12	#1 4° 31'	
			77	00	2 5 45	
			94	-17	3 8 30	
			120	-43	4 12 06	
			160	-83	5 15 43	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 161
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 7-27-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76S420A - CE 353A - Cdb 9-62

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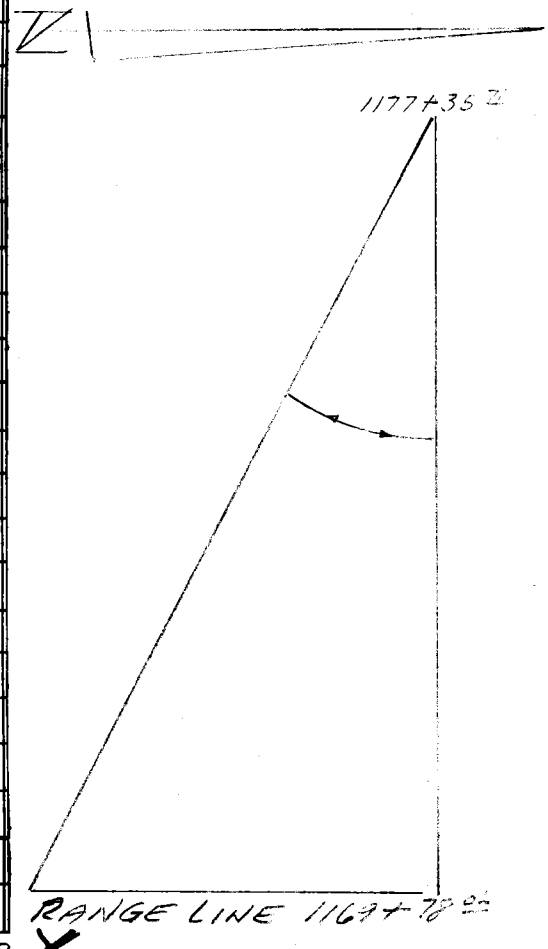
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
1177+35 Z	N-116	9:06	1	55°	29'			
			2	53°	24'			
			3	51°	19'			1697810
			4	47°	14'			
			5	43°	41'			
			6	39°	51'			1697812
			7	36°	20'			
			8	33°	32'			
			9	29°	10'			1697814
			10	27°	15'			
			11	27°	33'			
			12	24°	01'			1697816
			13	21°	53'			
		9:10	14	19°	16'			
				00	00			1697818
				00	00			
				00	00			
				00	00			1697820
				08	09			
				00	00			
				00	00			1697808 X



Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 163
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by KICHINSKY Notes VGA Date 4-27-91
Map No. ____ Date ____ Indexed C. J. GALLI Date ____

F. B. 3794 Pg. 164 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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.
				00	00			
				00	00			
				00	00			1697810
				15	43			
				12	06			
				08	30			1697828
				05	45			
				04	31			
				00	00			1697830
				00	00			
				00	00			
				00	00			1697832
				81	51			
				00	00			
				00	00			1697834
				00	00			
				00	00			
				00	00			1697836

76-L-298 CE 307 2-63

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1172+30.6 N	
	588	1492		904	T.P. FROM PREVIOUS PG	
				? 126	80 LEFT SAND	
			103	46	41 M.H.W.	
			1012	480	40 SET 1X2	
			520	972		℄ SET 1X2
			57	92		℄ GR. CH. SAND RIGHT
			48	101		36 BOT BANK
			23	126		39 TOP "
			157	1335		45 SET 1X2
			05	144		53 ROW PILINGS BLDG
			+117	256		53 FLOOR BLDG UNDER BLDG
			+15	164		58 GR CH
			+34	183		110 BOT BANK TOP BANK
			+117	256		133 FLOOR BLDG
T.P.			522	970		
					CUT GUN AT 1157+15.3	SIGHT ON 1172+30.6
	295	775		480	1X2 40 FT LEFT	
			177	-100	#1 13° 32'	
			136	-59	2 10 56	
			170	-33	3 8 48	
			86	-09	4 6 00	

DATUM
MEAN LOWER LOW WATER

Profile No. ___ Notes Red ___ Date ___ Plotted ___ Date ___ Job No. 0300.02 Division No. 11 Survey of MALIBU HYDRO
X-Sec. No. ___ Notes Chkd. ___ Date ___ Checked ___ Date ___ Survey by WILSON Notes ADAMS Date 4-27-67
Map No. ___ Indexed C. J. GALLI Date ___

F.B. 3794 Pg. 165

F. B. 3794 Pg. 166 Job No. 030002 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYD. SUR. Date _____ Date _____ No. _____

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

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

76-L-298 CE 307 2-63

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	B.S.	H.I.	F.S.	ELEV.	
		7 75			
			7 0	+07.5	4° 24'
			6 0	+17 6	3° 11'

DATUM
MEAN LOWER LOW WATER

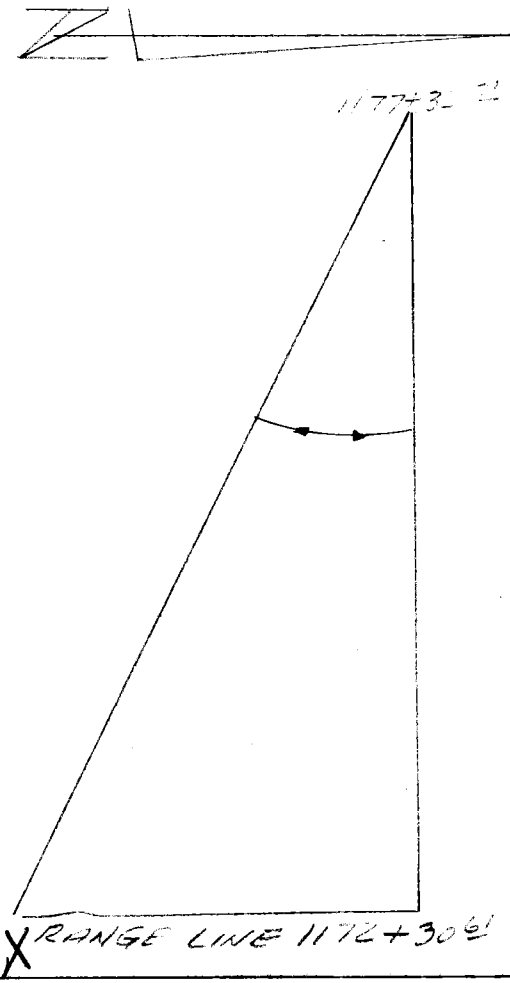
765420A - CE 353A - Cdb 9-62

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					
1177+35	N-116	9:21	1	64°	53'			
			2	62°	59'			
			3	61°	05'			1723112
			4	58°	41'			
			5	55°	58'			
			6	53°	12'			1723114
			7	49°	40'			
			8	46°	12'			
			9	44°	29'			1723116
			10	42°	24'			
			11	43°	17'			
			12	40°	06'			1723118
			13	37°	01'			
			14	33°	23'			
			15	33°	15'			1723120
			16	28°	18'			
			17	25°	11'			
		9:26	18	24°	35'			1723122
				00	00			
				00	00			
				00	00			1723124



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 167
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARD Notes J.T.G. Date 4-27-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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.

F. B. 3794 Pg. 168 Job No. 0300-02 Division No. 11 Notes Red. Plotted Profile No.

Survey of HYDROGRAPHIC SURVEY Date Date X-Sec. No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked

Indexed 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					
				98	09			
				00	00			
				00	00			1723108
				00	00			
				00	00			
				00	00			1723110
				13	32			
				10	56			
				08	48			1723132
				06	00			
				04	24			
				03	11			1723134
				00	00			
				00	00			
				00	00			1723136
				81	51			
				00	00			
				00	00			1723138
				00	00			
				00	00			
				00	00			1723140

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1174 +83² N	
	579	1549		970	T.P. FROM PREVIOUS PG LEFT	
			132	23	78 SAND	
			109	46	41 M.H.W. SAND	
			1062	487	39 SET 1X2 UP 0.1	
			594	955		℄ SET 1X2
			70	85		℄ SAND
						RIGHT
			42	113		31 BOT BANK
			31	124		34 TOP "
			228	1321		40 SET 1X2 UP 0.1
			+18	173		119 BOT BANK
						TOP "
			+102	257		134 6' BOARD FENCE
T.P.			675	874		
					CUT GUN AT 1172+30.61 SIGHT ON 1174+83²	
	264	751		487	1X2 39 FT LEFT	
			67	08	#1 25° 30'	
			87	-12	2 37 10	
			101	-26	3 43 15	
			120	-45	4 51 14	
			140	-65	5 57 48	
			155	-80	6 61 10	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 230002 Division No. 11 F.B. 3794 Pg. 169
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 1-27-67
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

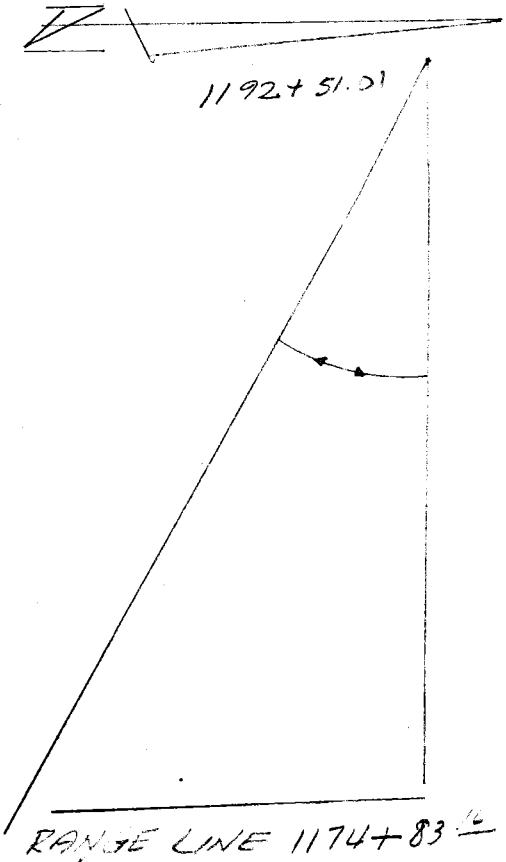
76S420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1192+51 ol	N-116	10:00	1	38°	23'			
			2	36°	24'			
			3	32°	50'			1748312
			4	28°	59'			
			5	26°	11'			
			6	23°	34'			1748314
			7	21°	06'			
			8	19°	47'			
			9	18°	23'			1748316
			10	16°	49'			
			11	15°	46'			
			12	15°	30'			1748318
			13	13°	05'			
			14	11°	36'			
			15	09°	50'			1748320
			16	08°	30'			
			17	07°	15'			
			18	06°	10'			1748322
		10:04	19	05°	55'			
				00	00			
				00	00			1748324



Profile Notes Red. Plotted Job No. 03000.02 Division No. 11 F. B. 3794 Pg. 171
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes J.G. Date 4-27-67
No. Date Date Map No. Indexed C. J. GALT Date

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 DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				00	00			
				00	00			
				00	00			1748326
				98	09			
				00	00			
				00	00			1748308
				00	00			
				00	00			
				00	00			1748310
				81	51			
				00	00			
				00	00			1748334
				00	00			
				00	00			
				00	00			1748336
				61	01			
				57	48			
				51	14			1748338
				43	15			
				37	10			
				25	30			1748340

F. B. 3794 PG. 172 Job No. 0300-02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked X-Sec.

Indexed Date Date No.

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1177+35.7 N	
	624	1498		874	T.P. FROM PREVIOUS PG	
			130	20	76 LEFT SAND	
			104	46	31 M.H.W.	
			1074	424	38 SET 1X2	
			682	816		℄ SET 1X2
			78	72		℄ SAND
			52	98		RIGHT 55 BOT BANK
			19	131		58 TOP "
			036	1462		GR. CH. 60 SET 1X2
			+22	172		114 BOT BANK
			+53	203		152 TOP "
T.P.			604	899		
					CUT GUN 1172+30.61	SIGHT ON 1177+35.7
	310	734		424	1X2 38 FT LEFT	
			150	-77	#1 35° 51	
			113	-40	2 28 10	
			91	-18	3 20 59	
			72	01	4 15 45	
			62	11	5 12 20	

DATUM
MEAN LOWER LOW WATER

Profile No. ___ Notes Red ___ Plotted ___ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 173
X-Sec. No. ___ Date ___ Date ___ Survey of MALIBU HYDRO
Notes Chkd. ___ Checked ___ Survey by WILSON Notes ADAMS Date 4-27-62
No. ___ Date ___ Date ___ Map No. ___ Indexed C.J. GALLI Date ___

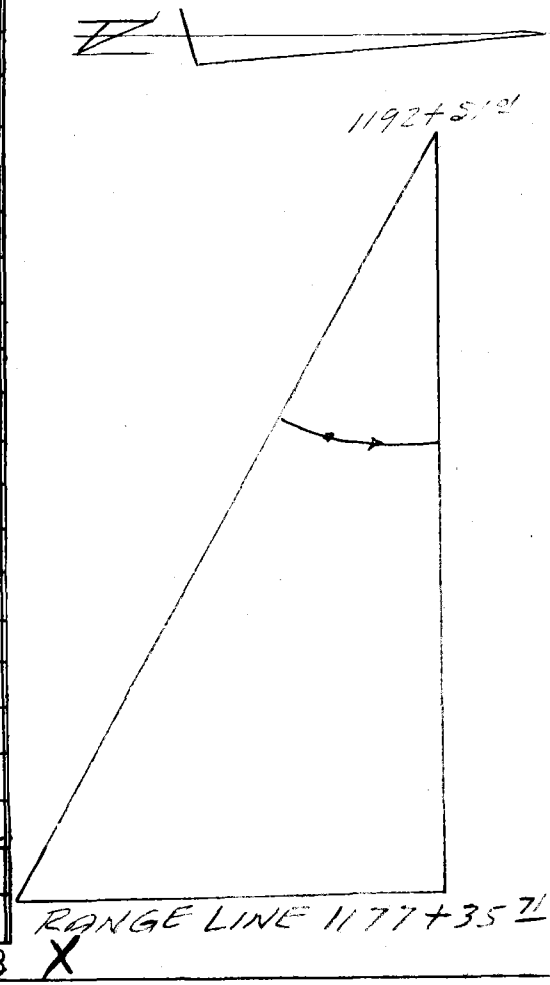
76S420A - CE 353A - Cdb 9-62

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 DEG.	RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1192+51.01	N-116	10:13	1	40°	00'			
			2	38°	02'			
			3	35°	20'			1773612
			4	33°	02'			
			5	30°	07'			
			6	26°	59'			1773614
			7	23°	56'			
			8	21°	32'			
			9	19°	03'			1773616
			10	16°	19'			
			11	14°	14'			
			12	12°	22'			1773618
			13	10°	09'			
			14	07°	38'			
		10:16	15	07°	09'			1773620
				00	00			
				00	00			
				00	00			1773622
				98	09			
				00	00			
				00	00			1773608



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 175
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes J.G. Date 4-27-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. [illegible] Date ____

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 IN INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

F. B. 3794 Pg. 176 | 0300.02 Job No. Division No. 11 Notes Red. Plotted No.

Survey of HYDROGRAPHIC SURVEY Date Date X-Sec.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked No.

Indexed 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					
				00	00			
				00	00			
				00	00			1773610
				81	51			
				00	00			
				00	00			1773630
				00	00			
				00	00			
				00	00			1773632
				35	51			
				28	01			
				20	59			1773634
				15	45			
				12	20			
				00	00			1773636
				00	00			
				00	00			
				00	00			1773638

76-L-298 CE 307 2-63

[redacted] RETURN TO
LOS AN[redacted] COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1179+88.26	
	571	1465		894	T.P. FROM PREVIOUS PG	
			121	26	.59 LEFT SAND	
			101	46	.28 M.H.W.	
			1068	397	.37 SET 1X2	
			590	875		℄ SET 1X2
			72	75		℄ SAND
			58	89		RIGHT 13 GR.CH.
			47	100		51 BOT BANK
			20	127		55 TOP "
			160	1305		60 SET 1X2
			10	137		65 ROW PILINGS BLDG
			+91	238		65 FLOOR BLDG UNDER BLDG
			05	142		70 GR.CH.
			+20	167		117 BOT BANK
			+91	238		TOP " 142 FLOOR BLDG
T.P.			598	867		
					CUT GUN AT 1172+30.61 SIGHT ON 1179+88.26	
	370	767		397	1X2 37 FT LEFT	
			60	17	#1 8° 16'	
			71	06	2 10 00	
			88	-11	3 13 39	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 2302-2 Division No. 11 F.B. 3794 Pg. 177
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-27-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3794 PG. 178 | Job No. 030002 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYD. SUR. Date _____ Date _____ No. _____

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

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

76-L-298 CE 307 2-63

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	B.S.	H.I.	F.S.	ELEV.
		767		
			112	-35.4
			150	-73.5
			180	-103.6
			18° 44'	
			24 33	
			27 50	

DATUM
MEAN LOWER LOW WATER

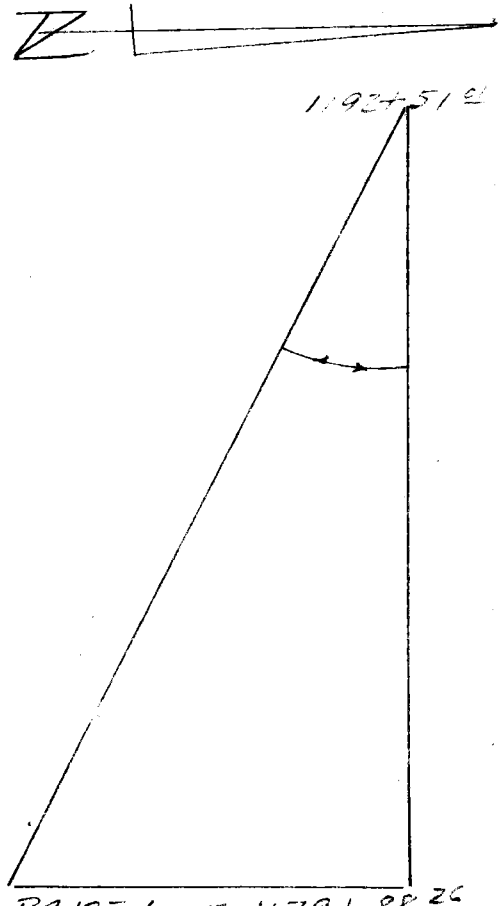
765420A - CE 353A - Cdb 9-62

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					
1192+51 ℄	N-116	10:30	1	44°	58'			
			2	42°	40'			
			3	40°	05'			1798812
			4	37°	18'			
			5	33°	48'			
			6	30°	08'			1798814
			7	25°	31'			
			8	23°	04'			
			9	21°	11'			1798816
			10	19°	31'			
			11	17°	56'			
			12	16°	17'			1798818
			13	14°	17'			
			14	12°	38'			
			15	10°	43'			1798820
			16	09°	00'			
		10:34	17	07°	59'			
				00	00			1798822
				00	00			
				00	00			
				00	00			1798824 X



Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 179
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-27-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F. B. 3794 Pg. 180 Job No. 0300-02 Division No. 11 Notes Red. Plotted
Survey of HYDROGRAPHIC SURVEY Date Date No.
Survey by Richards Notes J.G. Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

Profile

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 Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				98	09			
				00	00			
				00	00			1798808
				00	00			
				00	00			
				00	00			1798810
				27	50			
				24	33			
				18	44			1798832
				13	39			
				10	00			
				08	16			1798834
				00	00			
				00	00			
				00	00			1798836
				81	51			
				00	00			
				00	00			1798838
				00	00			
				00	00			
				00	00			1798840

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1182+40 8 N	
	569	1436		867	T.P. FROM PREVIOUS PG	
			118	26	.54 LEFT SAND	
			1055	381	.36 SET 1X2	
			98	46	.26 M.H.W. SAND	
			575	861		℄ SET 1X2
			70	74		℄ SAND
			46	98		19 RIGHT GR CH
			359	1071		40 SET 1X2
			20	124		60 GR CH
			+18	162		117 BOT FILL
			+52	196		127 TOP " EDGE RD. (DIRT)
			+55	199		143 BOT CUT EDGE RD. (DIRT)
T.P.			405	1031		
					CUT GUN AT 1172+30.61 SIGHT ON 1182+40	
	382	763		381	1X2 36 FT LEFT	
			170	-94	#1 22° 02'	
			144	-68	2 18 52	
			117	-46	3 15 42	
			98	-22	4 12 40	
			78	-02	5 9 34	
			65	11	6 7 29	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2300-02 Division No. 11 F.B. 3794 Pg. 181
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYD RD
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ____ Date 4-27-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

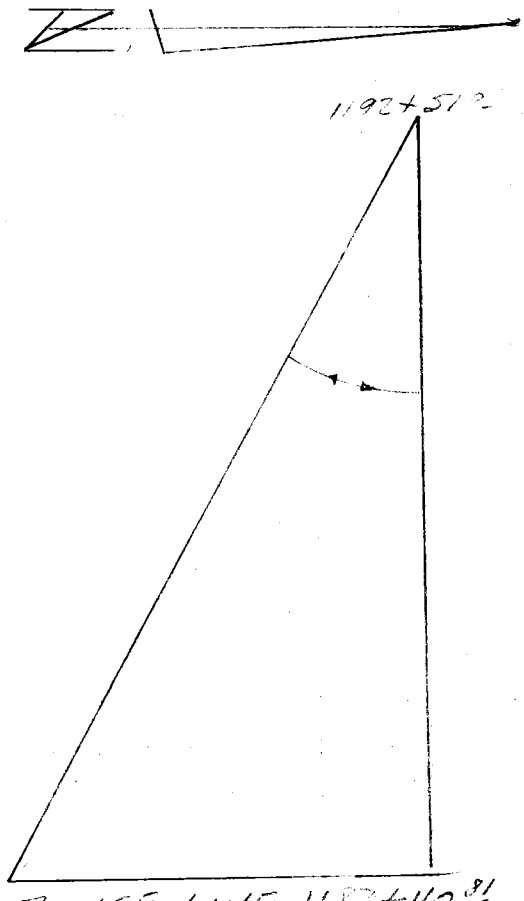
765420A - CE 353A - Cdb 9-62

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					
1192+51.2	N-116	10:40	1	47°	55'			
			2	46°	22'			
			3	43°	49'			1824112
			4	40°	49'			
			5	37°	54'			
			6	34°	39'			1824114
			7	31°	36'			
			8	27°	56'			
			9	25°	44'			1824116
			10	24°	12'			
			11	22°	11'			
			12	20°	29'			1824118
			13	20°	16'			
			14	17°	16'			
			15	14°	48'			1824120
			16	11°	03'			
		10:45	17	09°	41'			
				00	00			1824122
				00	00			
				00	00			
				00	00			1824124



Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 183
No. ____ Date ____ Date ____ Survey of HYDROGEOGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by HIGHLANDS Notes J.G. Date 4-27-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALL Date ____

F. B. 3794 Pg. 184 Job No. 0300-02 Division No. 11 Notes Red. Plotted Profile
Survey of HYDROGRAPHIC SURVEY Date Date No. X-Sec.
Survey by RICHARDS Notes J.G. Notes Chkd. Checked
Indexed Date Date Date No.

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. 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					
				98	09			
				00	00			
				00	00			1824108
				00	00			
				00	00			
				00	00			1824110
				22	02			
				18	52			
				15	42			1824132
				12	40			
				09	34			
				07	29			1824134
				00	00			
				00	00			
				00	00			1824136
				81	51			
				00	00			
				00	00			1824138
				00	00			
				00	00			
				00	00			1824140

76-L-298 CE 307 2-63

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1184+93.4 N	
	5 40	15 71		10 31	T.P. FROM PREVIOUS PG LEFT	
			11 64	407	.36 SET 1X2 UP 0.1	
			11 1	4 6	27 M.H.W	
			8 54	7 17		℄ SET 1X2 FLUSH RIGHT
			51	106		52 BOT BANK
			34	123		54 TOP "
			291	1280		60 SET 1X2
			+22	179		56 BOT BANK
			+358	515		TOP " 132 SHLD. RD.
T.P.			669	902		
					CUT GUN AT 1172+30.6	SIGHT ON 1184+93.4
350	3 50	7 57		407	1X2 36 FT LEFT	
			6 0	16	#1 6° 18'	
			7 6	00	2 7 59	
			9 5	-19	3 10 15	
			11 7	-41	4 13 4	
			151	-75	5 16 28	
		ESTIM.	195	-119	6 17 26	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 030002 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-27-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3794 Pg. 185

765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
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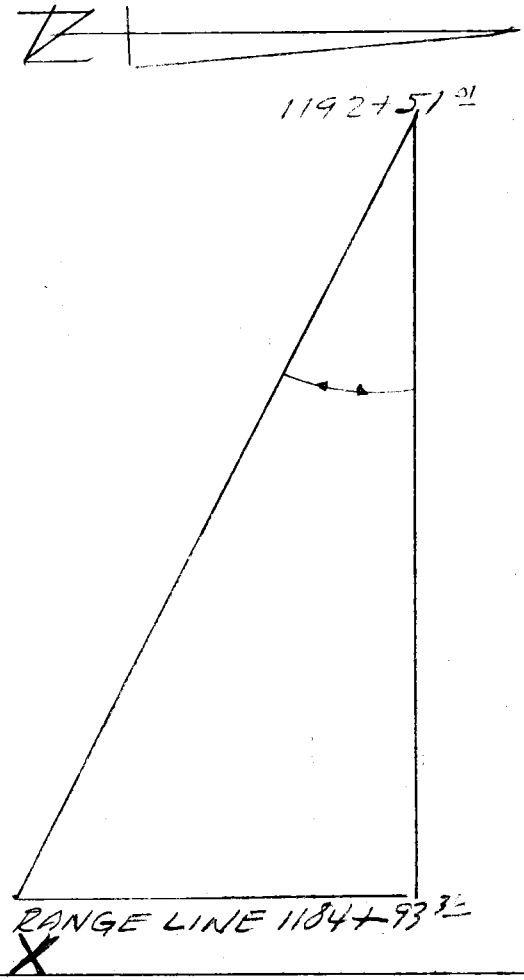
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1192+51.01	N-116	10:51	1	54°	31'			
			2	53°	25'			
			3	51°	22'			1849312
			4	48°	58'			
			5	46°	15'			
			6	43°	31'			1849314
			7	40°	04'			
			8	37°	53'			
			9	35°	09'			1849316
			10	32°	47'			
			11	29°	21'			
			12	26°	21'			1849318
			13	22°	48'			
			14	20°	07'			
			15	15°	54'			1849320
			16	13°	05'			
		10:55	17	11°	43'			
				00	00			1849322
				00	00			
				00	00			
				00	00			1849324



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 187
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-27-61
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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 DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				98	09			
				00	00			
				00	00			1849308
				00	00			
				00	00			
				00	00			1849310
				17	26			
				16	28			
				13	11			1849332
				10	15			
				07	59			
				06	18			1849334
				00	00			
				00	00			
				00	00			1849336
				81	51			
				00	00			
				00	00			1849338
				00	00			
				00	00			
				00	00			1849340

F. B. 3794 Pg. 188 Job No. 0300102 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No. X-Sec.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked

Indexed Date Date No.

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1187+45.2 N	
	514	1416		902	T.P. FROM PREVIOUS PG	
			982	434	34 LEFT SET 1X2 UP 0.2	
			96	46	29 M.H.W. SAND	
			585	831		℄ SET 1X2
			72	70		℄ SAND RIGHT
			40	102		49 BOT BANK
			17	125		51 TOP "
			078	1338		60 SET 1X2
			+19	161		83 BOT BANK
			+46	188		92 TOP "
			+58	200		105 BOT. " TOP "
			+285	427		134 SHLDR RD.
T.P.			525	891		
					CUT GUN AT 1172+30.61	SIGHT ON 1187+45.2
	334	768		434	1X2 34 FT LEFT	
			58	19	#1 5° 39'	
			76	01	2 7 19	
			90	-13	3 8 50	
			117	-40	4 11 48	
			148	-71	5 14 22	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 03002 Division No. 11 F.B. 3794 Pg. 189
Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by WILSON Notes [illegible] Date 4-27-62
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

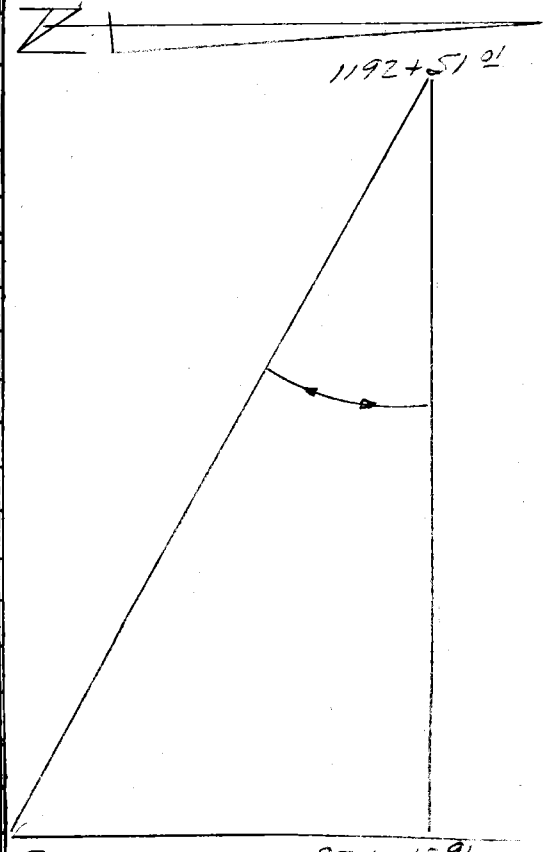
76S420A - CE 353A - Cdb 9-62

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 Deg.	Range Line Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
1192+51	N-116	11:14	1	63°	50'			
			2	62°	15'			
			3	60°	14'			1874612
			4	58°	04'			
			5	55°	29'			
			6	52°	22'			1874614
			7	49°	12'			
			8	46°	18'			
			9	43°	49'			1874616
			10	41°	11'			
			11	37°	36'			
			12	32°	53'			1874618
			13	29°	40'			
			14	26°	21'			
			15	23°	32'			1874620
		11:17	16	21°	01'			
				00	00			
				00	00			1874622
				00	00			
				00	00			
				00	00			1874624 X



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 191
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd. ____ Date ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-27-61
Date ____ Map No. ____ Indexed C.J. GALLI Date ____

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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					
				98	09			
				00	00			
				00	00			1874608
				00	00			
				00	00			
				00	00			1874610
				14	22			
				11	48			
				08	50			1874632
				07	19			
				05	39			
				00	00			1874634
				00	00			
				00	00			
				00	00			1874636
				81	51			
				00	00			
				00	00			1874638
				00	00			
				00	00			
				00	00			1874640

F. B. 3799 PB. 192 Job No. 0300-02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No. X-Sec.

Survey by RICHARDS Notes J. G. Notes Chkd. Checked

Indexed Date Date No.

76-L-298 CE 307 2-63

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1189+98.5 N	
	508	1399		891	T.P. FROM PREVIOUS PG. LEFT	
			895	504	35 SET 1X2 UP 0.3	
			94	46	36 M.H.W.	
			559	840		℄ SET 1X2
			67	73		℄ SAND RIGHT
			35	105		47 BOT BANK
			20	120		50 TOP "
			122	1277		55 SET 1X2
			04	136		72 BOT BANK TOP "
			+160	300		110 SHLDR RD.
T.P.			585	814		
					CUT GUN AT 1192+51.01 SIGHT ON 1189+98.5	
	310	814		504	1X2 35 FT LEFT	
			62	19	#1 15° 35'	
			85	-04	2 25 10	
			108	-27	3 33 31	
			138	-57	4 42 19	
			180	-99	5 45 41	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2300.02 Division No. 11 F.B. 3794 Pg. 193
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-27-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

765420A - CE 353A - Cdb 9-62

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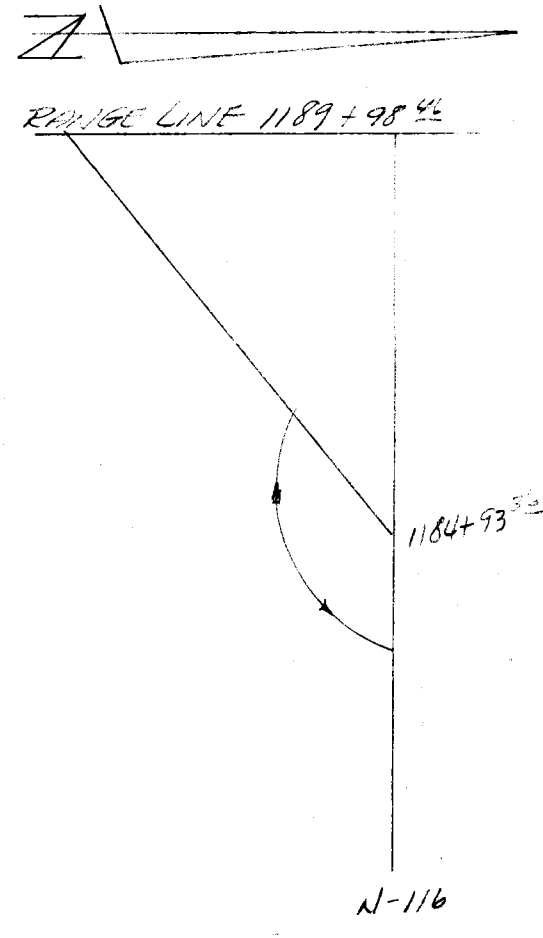
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
1184+93 3/4	N-116	11:31	1	100°	01'			
			2	101°	48'			
			3	104°	10'			
			4	106°	13'			
			5	108°	56'			
			6	112°	10'			
			7	116°	13'			
			8	120°	01'			
			9	123°	28'			
			10	126°	04'			
			11	135°	37'			
			12	139°	33'			
			13	143°	03'			
			14	146°	30'			
			15	150°	29'			
			16	156°	19'			
		11:36	17	159°	42'			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 195
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes T.G. Date 4-27-61
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F. B. 3794 Pg. 196 | 030102 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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					

Please return to
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726 Los Angeles County Engineering Bldg.

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76L298 307 Cdb 12-62

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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.	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					
				79	58			
				78	12			
				75	50			1899808
				73	47			
				71	04			
				67	50			1899810
				63	47			
				59	59			
				56	32			1899812
				53	56			
				44	23			
				40	37			1899814
				36	57			
				33	30			
				29	31			1899816
				23	41			
				20	18			
				00	00			1899818
				00	00			
				00	00			
				00	00			1899820

X

Profile Notes Red.____ Plotted____ Job No.____ Division No.____ F. B. 3794 Pg. 195A

No.____ Date____ Date____ Survey of____

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

No.____ Date____ Date____ Map No.____ Indexed____ Date____

76L298 307 Cdb 12-62

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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					
				81	51			
				00	00			
				00	00			1899822
				00	00			
				00	00			
				00	00			1899824
				98	09			
				00	00			
				00	00			1899832
				00	00			
				00	00			
				00	00			1899834
				45	41			
				42	19			
				33	31			1899836
				25	10			
				15	35			
				00	00			1899838
				00	00			
				00	00			
				00	00			1899840

F. B. 3794 Pg. 196 A

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

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

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____

Indexed ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1192+51.01	
	7.95	1609.		8.14	T.P. FROM PREVIOUS PG	
			10.44	5.65	34 LEFT SET 1X2 UP 0.2	
			11.5	4.6	45 M.H.W. SAND	
			6.64	9.95	℄	SET 1X2
			7.6	8.5	℄	SAND
			4.4	11.7		EIGHT 31 GR. CH.
			2.79	13.30		40 SET 1X2
			2.0	14.1		48 BOT BANK
			+2.9	19.0		59 EDGE DIRT RD
			+3.2	19.3		69 BOT CUT
			+5.7	21.8		TOP " 80 EDGE RD
T.P.	10.21	24.66	1.64	14.45		
B.M. 48-95			5.06	19.60	PAC. CST. HWY. @ CORRAL CRK BRDG E. END OF N. SIDEWALK FD C.S BR CAP EL=1481=1956 M.L.L.W. FB 1369-80	
					CUT GUN AT 1189+98.5	
	3.09	8.74.		5.65	1X2 34 FT LEFT	SIGHT ON 1192+51.01
			7.0	1.7	#1 18° 24'	
			9.3	-0.6	2 31 23	
			11.0	-2.3	3 39 18	
			12.9	-4.2	4 46 36	
			19.1	-10.4	5 57 04	

DATUM
MEAN LOWER LOW WATER

Profile No. X-Sec. No. Notes Red Date Notes Chkd Date Plotted Date Checked Date Job No. 0360-02 Division No. 11 Survey of HILLSIDE HYDRO Survey by Notes Date Map No. Indexed C.J. GALLI Date

F.B. 3794 Pg. 197

765420A - CE 353A - Cdb 9-62

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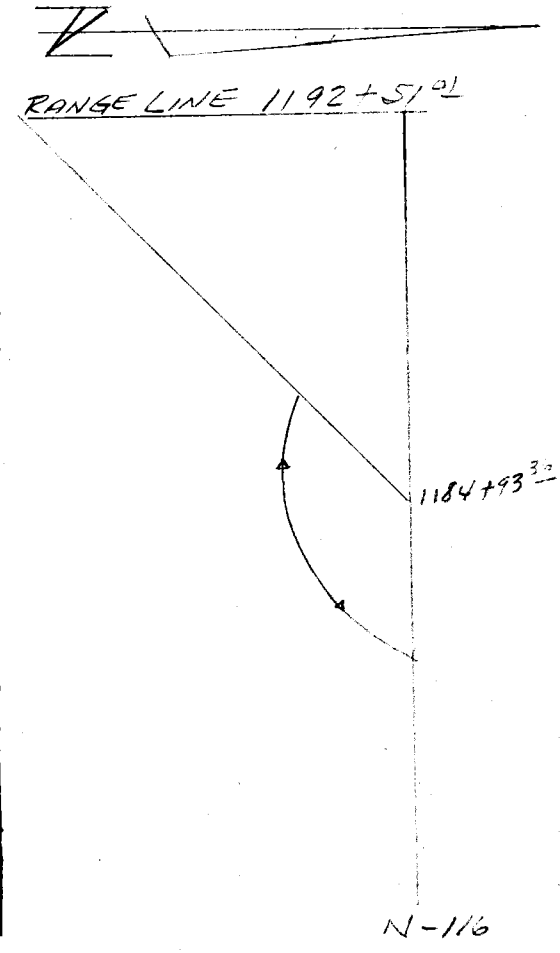
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
1184+93.36	N-116	11:43	1	115°	02'			
			2	117°	32'			
			3	120°	44'			
			4	124°	29'			
			5	129°	20'			
			6	133°	49'			
			7	136°	19'			
			8	140°	35'			
			9	143°	17'			
			10	146°	12'			
			11	149°	30'			
			12	151°	48'			
			13	156°	33'			
			14	161°	32'			
		11:46	15	165°	09			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 199
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by RICHARDS Notes J.G. Date 4-21-61
Map No. ____ Date ____ Indexed C.J. CALL Date ____

F. B. 3794 Pg. 200 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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					

Please return to

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726 Los Angeles County Engineering Bldg.

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76L298 307 Cdb 12-62

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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.	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					
				64	58			
				62	28			
				59	16			1925108
				55	31			
				50	40			
				46	21			1925110
				43	41			
				39	25			
				36	43			1925112
				33	48			
				30	30			
				28	12			1925114
				23	27			
				18	28			
				14	51			1925116
				00	00			
				00	00			
				00	00			1925118
				81	51			
				00	00			
				00	00			1925120

X

Profile Notes Red._____ Plotted_____ Job No._____ Division No._____ F. B. 3794 Pg. 199 A

No._____ Date_____ Date_____ Survey of_____

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

No._____ Date_____ Date_____ Map No._____ Indexed_____ Date_____

76L298 307 Cdb 12-62

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Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Notes Date

Job No. Notes Date

Pg.

F. B.

Survey of

Survey by

Indexed

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			1925122
				98	09			
				00	00			
				00	00			1925130
				00	00			
				00	00			
				00	00			1925132
				57	04			
				46	36			
				39	18			1925134
				31	23			
				18	24			
				00	00			1925136
				00	00			
				00	00			
				00	00			1925138

76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1195+03.56 N	
B.M. 48-95	506	2462		1956	PAC CST HYWY @ CORRAL CRK BRDG	
T.P.	047	1413	1096	1366	LEFT	
			929	484	52 SET 1X2 UP 0.2	
			69	72	21 GR. CH	
			486	927		℄ SET 1X2
			60	81		℄ SAND
			532	881		RIGHT 40 SET 1X2 UP 0.3
			65	76		CORRAL CN CRK 68 F.L. CREEK
			54	87		UNDER BRIDGE 99 BOT ABUTMENT
			+42	183		80 TOP BRIDGE
T.P.			350	1063		
		80			CUT GUN 1189+98.5	SIGHT ON 1195+03
	312	796		484	1X2 52 FT LEFT	
			34	46	52 FT LEFT M.H.W.	
			60	20	#1 10° 18'	
			71	09	2 12 47	
			85	-05 -15	3 17 04	
			111	-30	4 24 18	
			140	-60	5 31 50	
			183	-103	6 36 35	

DATUM
MEAN LOWER LOW WATER

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 230002 Division No. 11 Survey of MALIBU HYDRO Survey by WILSON Notes ADAMS Date 4-27-62 Map No. Indexed C. J. GALLI Date

F.B. 3794 Pg. 201

765420A - CE 353A - Cdb 9-62

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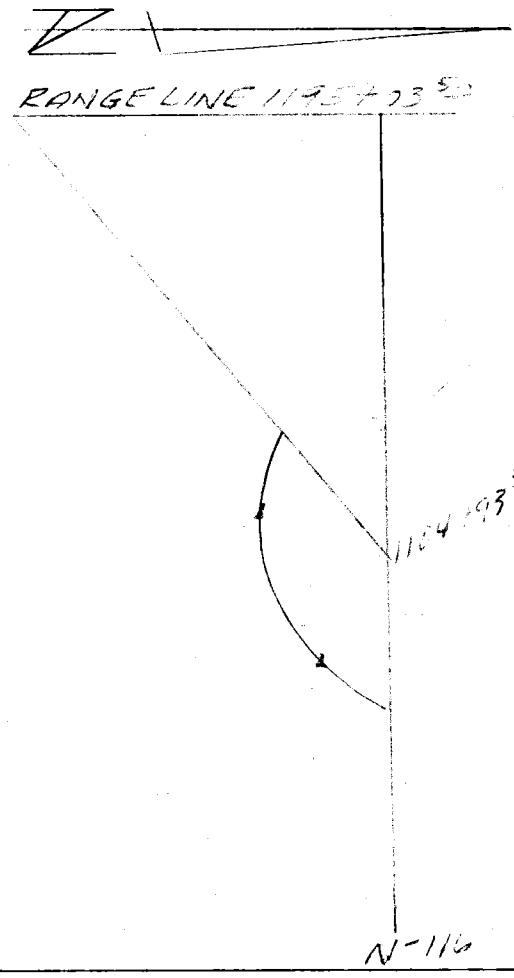
Do not extend notes this side of this line.

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					
1184+93.36	N-116		1					
		11:55	2	123°	44'			
			3	127°	07'			
			4	130°	26'			
			5	135°	55'			
			6	141°	56'			
			7	145°	05'			
			8	148°	41'			
			9	153°	11'			
			10	156°	12'			
			11	161°	55'			
			12	165°	09'			
		12:00	13	167°	17'			



Profile Notes Red. Plotted Job No. 0300.07 Division No. 11 F.B. 3794 Pg. 203
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes J.G. Date 4-27-67
No. Date Date Map No. Indexed C.J. GALLI Date

F. B. 3794 Pg. 204 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 Cdb 12-62

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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					
				56	16			
				52	53			
				49	34			1950408
				44	05			
				38	04			
				34	55			1950410
				31	19			
				26	49			
				23	48			1950412
				18	05			
				14	51			
				12	43			1950414
				00	00			
				00	00			
				00	00			1950416
				81	51			
				00	00			
				00	00			1950418
				00	00			
				00	00			
				00	00			1950420

X

Profile Notes Red.____ Plotted____ Job No.____ Division No.____ F. B. 3794 Pg. 203 A

No.____ Date____ Date____ Survey of____

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

No.____ Date____ Date____ Map No.____ Indexed____ Date____

76L298 307 Cdb 12-62

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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					
				36	35			
				31	50			
				24	18			1950428
				17	04			
				12	47			
				10	18			1950430
				00	00			
				00	00			
				00	00			1950432
				81	51			
				00	00			
				00	00			1950434
				00	00			
				00	00			
				00	00			1950436
				00	00			
				00	00			
				00	00			2176842

To pg 242 A

F. B. 3794 PG. 204 A Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No. X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed Date Date No.

76-L-298 CE 307 2-63

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403 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.	1197+56" N	
	392	1455.		1063.	T.P. FROM PREVIOUS PG LEFT	
			1004	451.	64 SET 1X2 UP 0.2	
			61	85.	20 GR. CH.	
			380	1075.		℄ SET 1X2
			53	93.		℄ SAND RIGHT
			43	103.		13 BOT BANK
			00	146.		15 TOP "
			+49	195.		48 SHLDR RD
T.P.			414	1041.		
					CUT GUN AT 1189+98.5 SIGHT ON 1197+56"	
	327	778.		451	1X2 64 FT LEFT	
			65	13.	#1 7° 47'	
			75	03.	2 10 32	
			86	-08.	3 12 47	
			110	-32.	4 18 03	
			131	-53.	5 21 55	
			175	-97.	6 24 59	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2300.02 Division No. 11 F.B. 3794 PG. 205
Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-27-62
Date ____ Date ____ Map No. ____ Indexed E. J. GALLI Date ____

765420A - CE 353A - Cdb 9-62

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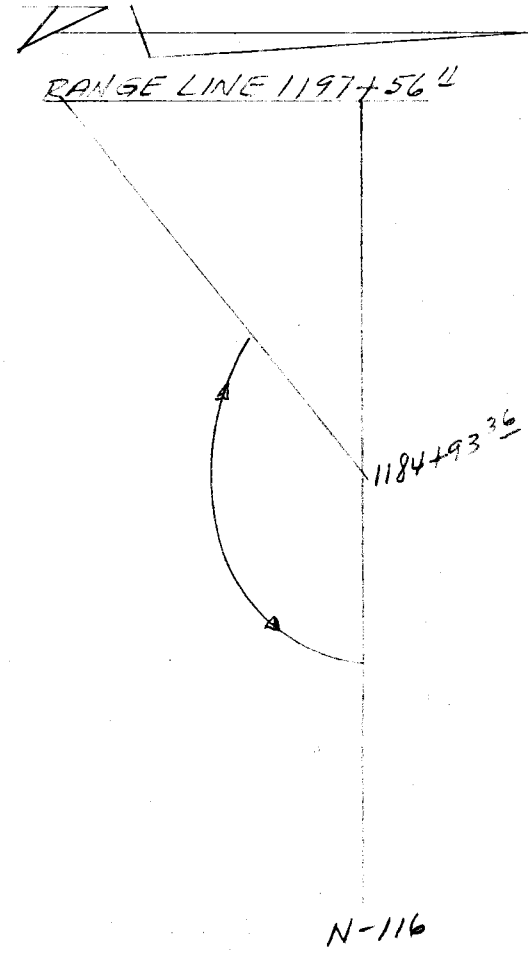
INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1184+93.36	N-116	12:05	1	124°	10'			
			2	127°	07'			
			3	130°	12'			
			4	133°	37'			
			5	137°	04'			
			6	140°	42'			
			7	144°	23'			
			8	146°	14'			
			9	149°	17'			
			10	152°	02'			
			11	154°	16'			
			12	157°	11'			
			13	159°	55'			
			14	163°	05'			
			15	165°	24'			
			16	168°	05'			
		12:09	17	169°	40'			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 207

No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-27-67

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

F. B. 3794 Pg. 208 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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					

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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					
				55	50			
				52	53			
				49	48			1975608
				46	23			
				42	56			
				39	18			1975610
				35	37			
				33	46			
				30	43			1975612
				27	58			
				25	44			
				22	49			1975614
				20	05			
				16	55			
				14	36			1975616
				11	55			
				10	20			
				00	00			1975618
				00	00			
				00	00			
				00	00			1975620

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

X-Sec. No.____ Date____ Notes Chkd.____ Date____ Checked____ Date____ Survey of____ Survey by____ Map No.____ Notes____ Indexed____ Date____ Date____

F. B. 3794 PG. 207A

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

Date ____ Date ____ X-Sec. No. ____

Survey of ____ Notes ____ Chkd. ____ Checked ____

Survey by ____ Date ____

Indexed ____ Date ____

Inst. At (Don't Punch)	Sight On (Don't Punch)	Time (Don't Punch)	Angle No (Don't Punch)	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
				81	51			
				00	00			
				00	00			1975622
				00	00			
				00	00			
				00	00			1975624
				24	59			
				21	55			
				18	03			1975632
				12	47			
				10	32			
				07	47			1975634
				00	00			
				00	00			
				00	00			1975636
				81	51			
				00	00			
				00	00			1975638
				00	00			
				00	00			
				00	00			1975640

Notes Ck'd by	Survey of MALIBU AREA HYDROGRAPHIC SURVEY	F.B. 3794 Pg. 209
Map No.	JN 0300.02 Tape Std °F	
Office Work	Surveyed by RICHARDS	
Checked	Notes UHARRIET Date 4-28-67	
Date	Indexed C.J. GALLI	

TIDE GAGE READINGS
APRIL 28, 1967
TIME - P.S.T.
DATUM - M.L.L.W.

TIME	TIDE
6:00	-0.9
6:30	-1.0
7:00	-0.9
7:30	-0.8
8:00	-0.4
8:30	-0.2
9:00	0.3
9:30	0.7
10:00	1.1
10:30	1.6
11:00	2.0
11:30	2.4
12:00	2.6
12:30	2.7
13:00	2.9
13:30	3.0
14:00	3.1

NOTE — TIDE GAGE STATION IS LOCATED AT SOUTH END OF BERTH 60, L.A. OUTER HARBOR-

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76P3098 CE #310 5-66

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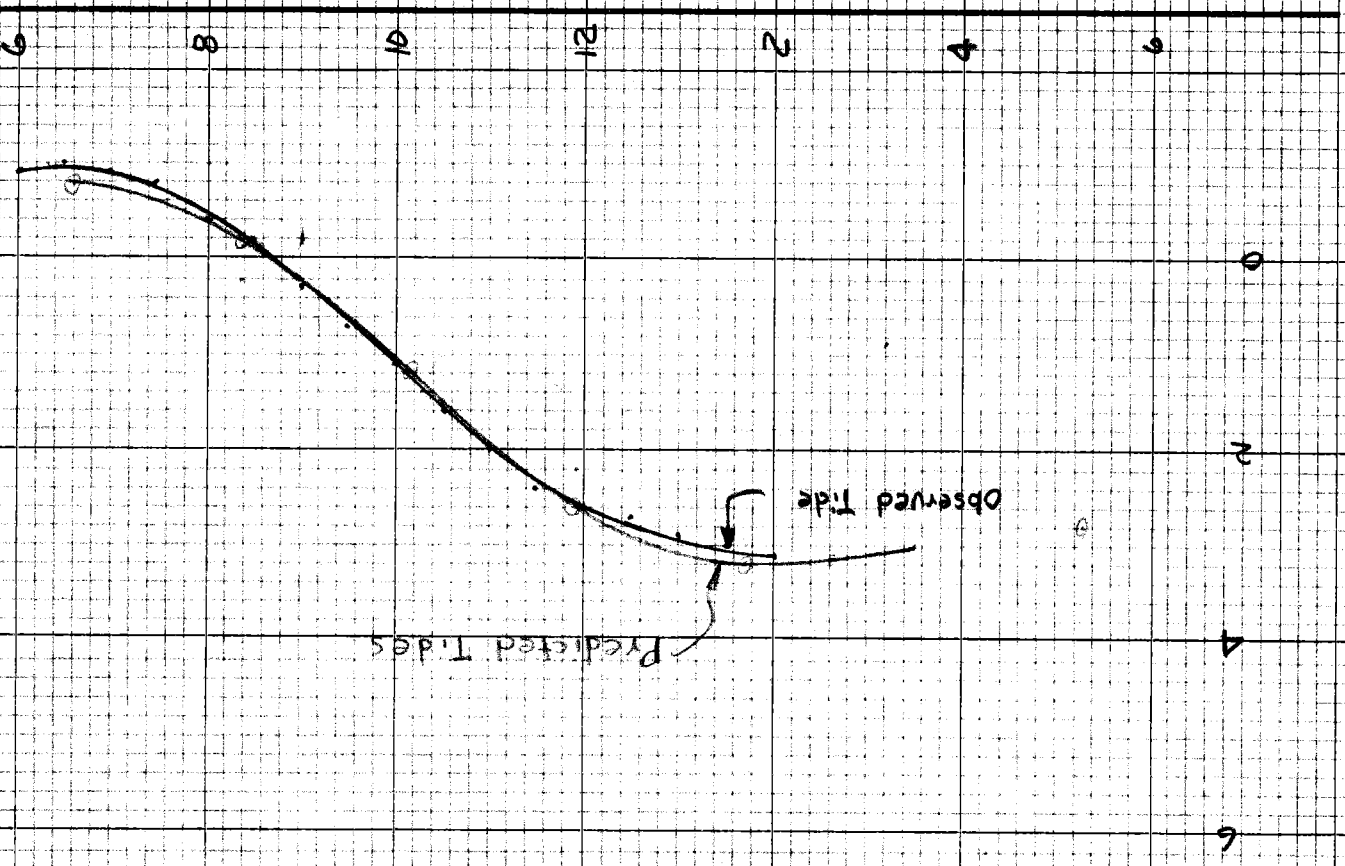

April 28, 1967

F.B. 3794 Pg. 2/10

BLANK

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	1200+08.7 N	
	540	1581.		1041	· T.P. FROM PREVIOUS PG LEFT	
			1056	525	·67 SET 1X2 UP 0.2	
			67	91	·32 GRCH	
			36	122	· 3 BOT BANK	
			067	1514	·	℄ PAINT ON ROCK RIGHT SHLDR RD.
			+54	212	·	21 TOP BANK
T.P.			290	1291	· SET PAINT ON ROCK NEAR 18" CONC DRAIN 20'± [illegible] STA	
					CUT GUN AT 1205+11.4 SIGHT ON N-117 4-28-67	
	305	703		398	· 1X2 AT 1202+60 50 FT LEFT	
			24	46	·94 FT LEFT M.H.W.	
			41	29	·100 " "	
			68	02	#1 15° 55	
			81	-11	·2 18 24	
			106	-36	·3 22 00	
			137	-67	·4 33 21	
			153	-83	·5 35 18	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 211
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-28-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76S420A - CE 353A - Cdb 9-62

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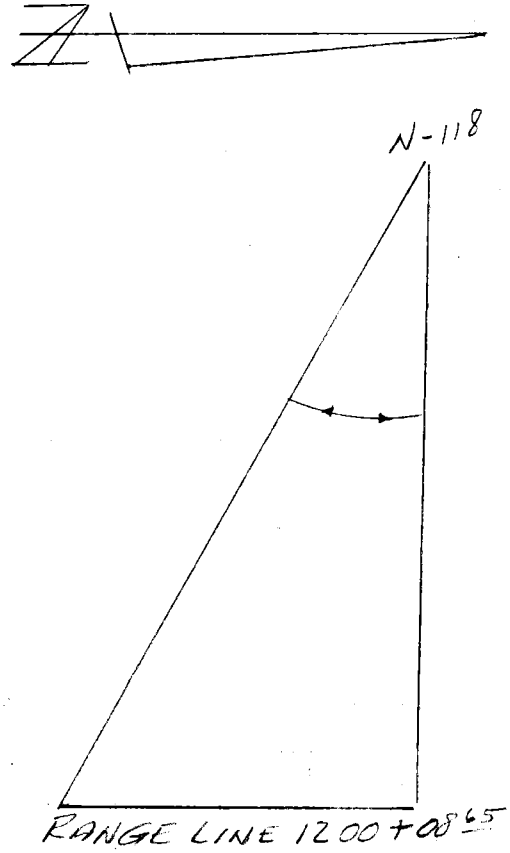
Do not extend notes this side of this line.

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					
N-118	N-117	8:14	1	47°	08'			
			2	45°	16'			
			3	42°	35'			2000912
			4	39°	50'			
			5	36°	25'			
			6	33°	12'			2000914
			7	28°	52'			
			8	25°	40'			
			9	22°	34'			2000916
			10	20°	49'			
			11	18°	59'			
			12	16°	22'			2000918
			13	14°	46'			
			14	13°	33'			
			15	12°	37'			2000920
			16	11°	03'			
			17	09°	35'			
		8:18	18	08°	24'			2000922
				00	00			
				00	00			
				00	00			2000924



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 213
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by RICHARDS Notes J.G. Date 4-28-67
Map No. ____ Indexed C.J. GALL Date ____

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F. B. 3794 Pg. 214 | 0300.02 Job No. Division No. 11

Survey of HYDROGRAPHIC SURVEY

Survey by RICHARDS Notes J.G.

Indexed Date

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

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.
				84	00			
				00	00			
				00	00			2000908
				00	00			
				00	00			
				00	00			2000910
				84	00			
				00	00			
				00	00			2000932
				00	00			
				00	00			
				00	00			2000934
				35	18			
				33	21			
				22	00			2000936
				18	24			
				15	55			
				00	00			2000938
				00	00			
				00	00			
				00	00			2000940

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	1202+60° N	
	202	1493		1291	PAINT ON [illegible] LEFT	20± AHD OF 1200+08
			136	13	.86 SAND	
			1095	398	.50 SET 1X2 UP 02	
			103	46	.41 M.H.W. SAND	
			921	1072		℄ SET 1X2
			53	96		℄ SAND
			22	127		24 RIGHT BOT BANK TOP "
			+119	265		SHLDR RD
T.P.			591	902		
					CUT GUN AT 1205+11⁴	SIGHT ON 1202+60°
	326	718		398	1X2 50 FT LEFT	
			140	-68	#1 50° 02'	
			118	-46	2 44 "	
			94	-22	3 34 18	
			80	-08	4 27 55	
			70	02	5 21 46	
			30	42	50 FT LEFT	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3794 Pg. 215
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-28-67
Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

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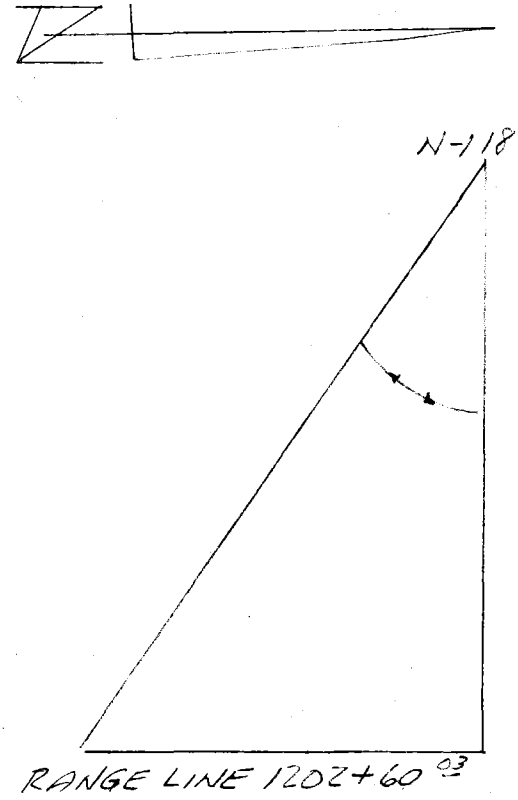
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
N-118	N-117	8:26	1	46°	57'			
			2	44°	51'			
			3	41°	49'			2026012
			4	38°	51'			
			5	35°	41'			
			6	32°	06'			2026014
			7	28°	59'			
			8	26°	22'			
			9	23°	18'			2026016
			10	21°	28'			
			11	19°	08'			
			12	17°	24'			2026018
			13	15°	34'			
			14	13°	55'			
			15	13°	14'			2026020
			16	11°	35'			
			17	10°	06'			
		8:30	18	08°	34'			2026022
				00	00			
				00	00			
				00	00			2026024



X

Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 217
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-28-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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F. B. 3794 Pg. 218 | Job No. 0300.02 | Division No. 11 | Notes Red. | Plotted | No. | Profile

Survey of HYDROGRAPHIC SURVEY | Date | Date | Checked | X-Sec.

Survey by RICHARDS | Notes | Notes Chkd. | Date | No.

Indexed | 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					
				84	00			
				00	00			
				00	00			2026008
				00	00			
				00	00			
				00	00			2026010
				84	00			
				00	00			
				00	00			2026032
				00	00			
				00	00			
				00	00			2026034
				50	02			
				44	11			
				34	18			2026036
				27	55			
				21	46			
				00	00			2026038
				00	00			
				00	00			
				00	00			2026040

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	1205+11 4	
	4 48	13 50		9 02	· T.P. FROM PREVIOUS PG	
					LEFT	
			123	12	· 55 SAND	
			10 82	268	· 33 SET 1X2 UP 0.2	
			89	46	· 5 M.H.W.	
			6 39	611	·	℄ SET 1X2
			84	51	·	℄ SAND
						RIGHT
			261	1089	·	30 PAINT ON ROCK
			22	113	·	38 BOT BANK
						TOP "
			+208	343	·	82 SHLDR RD
1205+95			96	39	·	℄ SAND BEGIN FILL
						RIGHT
			30	105	·	31 BOT FILL
			+109	244		46 TOP "
T.P.			908	442	·	
					CUT GUN N-118	SIGHT ON 1205+11 4
	420	688		268	1X2 33 FT LEFT	
			53	16	· 50 FT LEFT	
			66	03	· #1 2° 43	
			78	-09	· 2 4 31	
			110	-41	· 3 7 06	
			150	-81	· 4 9 42	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 036002 Division No. 11 F.B. 3794 Pg. 219
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-28-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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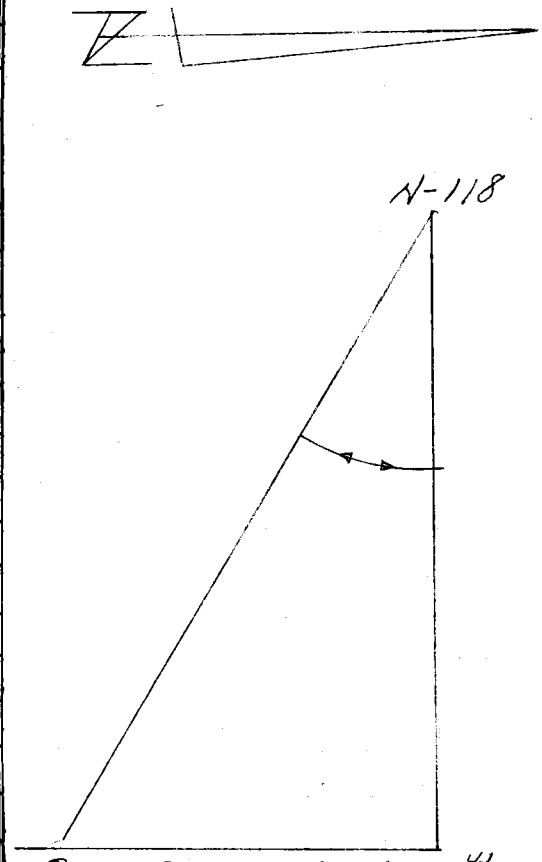
Do not extend notes this side of this line.

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.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-118	N-117	8:39	1	50°	31'			
			2	47°	25'			
			3	43°	55'			2051112
			4	40°	57'			
			5	37°	52'			
			6	34°	31'			2051114
			7	30°	35'			
			8	26°	45'			
			9	22°	13'			2051116
			10	19°	18'			
			11	16°	43'			
			12	14°	43'			2051118
			13	13°	21'			
			14	10°	47'			
		8:43	15	08°	20'			2051120
				00	00			
				00	00			
				00	00			2051122



RANGE LINE 1205+11 41

X

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 221
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-28-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLY Date ____

F. B. 3794 Pg. 222 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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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 DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº.
				84	00			
				00	00			
				00	00			2051108
				00	00			
				00	00			
				00	00			2051110
				84	00			
				00	00			
				00	00			2051130
				00	00			
				00	00			
				00	00			2051132
				09	42			
				07	06			
				04	31			2051134
				02	43			
				00	00			
				00	00			2051136
				00	00			
				00	00			
				00	00			2051138

76-L-298 CE 307 2-63

May have disappeared a few B

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1207+628 N	
	592	1034		442	T.P. FROM PREVIOUS PG	
			93	10.45	LEFT SAND	
			773	261.33	SET 1X2 UP 0.2	
			57	46.13	M.H.W. SAND	
			46	57.1	GR. CH.	
			359	675		℄ PAINT ON HIGH PT RIGHT
			0.0	103		15 BOT FILL
			+140	243		36 TOP "
			+140	243		69 BOT BANK
			+174	277		96 TOP " SHLDR RD
1209+21			35	68		℄ SAND RIGHT
			+25	128		38 BOT @ END FILL
			+118	221		47 TOP @ " "
T.P.			203	831		
					CUT GUN AT N118	SIGHT ON N-117
+	372	633		261	1X2 33 FT LEFT	
			170	-107.	1 12° 30'	
			115	-52.	2 9 06	
			88	-25.	3 5 24	
			75	-12.	4 3 18	
			64	01.	5 4 FT LEFT (4) 2° 17')	
			39	24.	33 FT LEFT	

DATUM
MEAN LOWER LOW WATER

Profile No. 0 Notes Red. ____ Plotted ____ Job No. 2500-2 Division No. 11
X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of MALIBU HYDRO Survey by ____ Map No. ____ Notes ADAMS Date 4-25-67 Indexed C. J. GALLI Date ____

F. B. 3794 Pg. 223

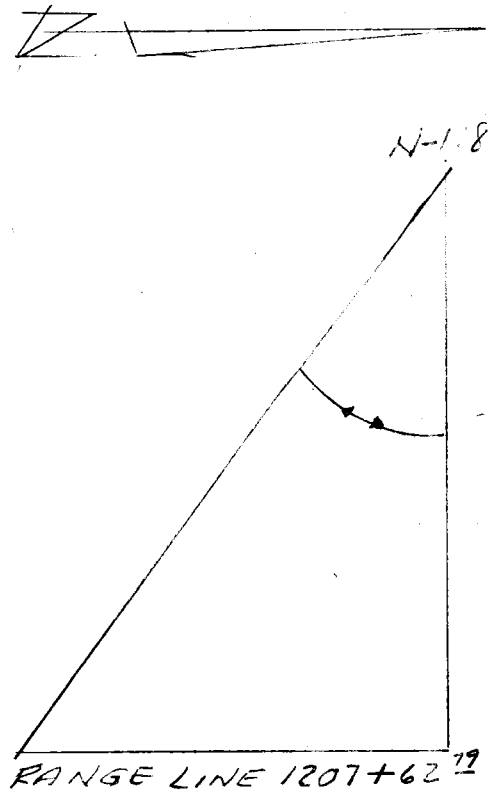
76S420A - CE 353A - Cdb 9-62

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					
N-118	N-117	8:50	1	52°	31'			
			2	50°	05'			
			3	45°	55'			2076312
			4	43°	53'			
			5	40°	02'			
			6	36°	15'			2076314
			7	31°	29'			
			8	28°	54'			
			9	25°	34'			2076316
			10	23°	58'			
			11	21°	42'			
			12	20°	37'			2076318
			13	19°	51'			
			14	17°	41'			
			15	15°	40'			2076320
			16	13°	37'			
			17	11°	31'			
		8:54	18	09°	27'			2076322
				00	00			
				00	00			
				00	00			2076324



Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 225
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd ____ Date ____ Checked ____ Date ____ Survey by RICHARDS Notes J.G. Date 4-28-67
Map No. ____ Indexed C.J. GALT Date ____

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.

F. B. 3794 Pg. 226 Job No. 0300-02 Division No. 11 Notes Red. Plotted Profile No.

Survey of HYDROGRAPHIC SURVEY Date Date X-Sec. No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked

Indexed 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					
				84	00			
				00	00			
				00	00			2076308
				00	00			
				00	00			
				00	00			2076310
				84	00			
				00	00			
				00	00			2076332
				00	00			
				00	00			
				00	00			2076334
				12	30			
				09	06			
				05	24			2076336
				03	18			
				00	00			
				00	00			2076338
				00	00			
				00	00			
				00	00			2076340

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1210 + 14² N	
	715	1546		831	T.P. FROM PREVIOUS PG	
			140	15	.47 LEFT SAND	
			1175	371	.21 SET 1X2 UP 0.2	
			108	46	.11 M.H.W. SAND	
			757	789		℄ SET 1X2
			94	61		℄ SAND
			237	1309		RIGHT 40 SET 1X2
			09	146		48 BOT BANK
			+94	249		63 TOP "
			+100	255		72 BOT "
			+273	428		TOP " 98 SHLDR RD
T.P.			611	935		
					CUT GUN AT N118	SIGHT ON 1210+14²
	415	786.9		371.	1X2 21 FT LEFT	
			66	13.	#1 2° 39'	
			81	-02.	2 4 09	
			91	-12.	3 6 21	
			139	-60.	4 10 43	
			150	-71.	5 13 03	

DATUM
MEAN LOWER LOW WATER

Profile No. X Notes Red ____ Plotted ____ Job No. 030902 Division No. 11 F.B. 3794 Pg. 227
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 9-28-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLY Date ____

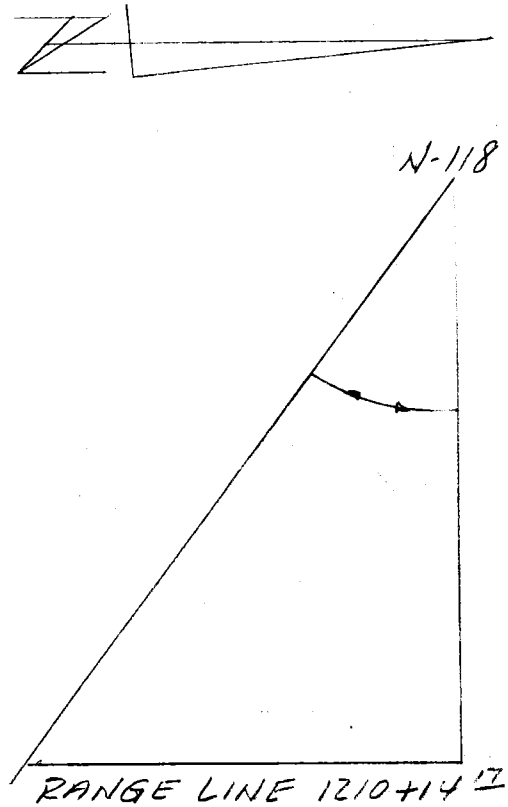
76S420A - CE 353A - Cdb 9-62

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 DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-118	N-117	9:04	1	61°	26'			
			2	59°	12'			
			3	55°	58'			2101412
			4	52°	57'			
			5	48°	57'			
			6	45°	15'			2101414
			7	41°	57'			
			8	38°	30'			
			9	35°	45'			2101416
			10	34°	03'			
			11	30°	27'			
			12	28°	34'			2101418
			13	25°	30'			
			14	22°	38'			
			15	20°	24'			2101420
			16	17°	16'			
			17	15°	27'			
		9:08	18	14°	00'			2101422
				00	00			
				00	00			
				00	00			2101424



X

Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 229
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 4-28-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

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.

F. B. 3794 PG. 230 | Job No. 0300.02 | Division No. 11

Survey of HYDROGRAPHIC SURVEY

Survey by RICHARDS Notes J.G.

Indexed Date

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. 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					
				84	00			
				00	00			
				00	00			2101408
				00	00			
				00	00			
				00	00			2101410
				84	00			
				00	00			
				00	00			2101432
				00	00			
				00	00			
				00	00			2101434
				13	03			
				10	43			
				06	21			2101436
				04	09			
				02	39			
				00	00			2101438
				00	00			
				00	00			
				00	00			2101440

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1212+656 N	
	658	1593		935	T.P. FROM PREVIOUS PG	
			109	50	.36 LEFT SAND	
			1193	400	.13 SET 1X2 UP 0.3	
			113	46	.2 M.H.W.	
			111	48		℄ SAND
			412	1181		40 RIGHT SET 1X2
			11	143		59 BOT BANK
			+93	252		68 TOP "
			+88	247		77 BOT "
			+233	392		109 TOP SHLDR RD
T.P.			771	822		
					CUT GUN AT N-118	SIGHT ON N-117
	330	730		400	1X2 13 FT LEFT	
			170	-97	#1 19° 45'	13° 12'
			116	-43	2 13 12	8 34
			101	-28	3 8 34	5 20
			77	04	4 5 20 ?	3 38 ?
			65	08	5 3 38	2 13
					2 13	

DATUM
MEAN LOWER LOW WATER

Profile No. ___ Notes Red ___ Plotted ___ Job No. 2300-02 Division No. 11 F.B. 3794 Pg. 23L
X-Sec. No. ___ Date ___ Date ___ Survey of MALIBU HYDRO
Notes Chkd. ___ Checked ___ Survey by WILSON Notes ADAMS Date 4-27-62
No. ___ Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

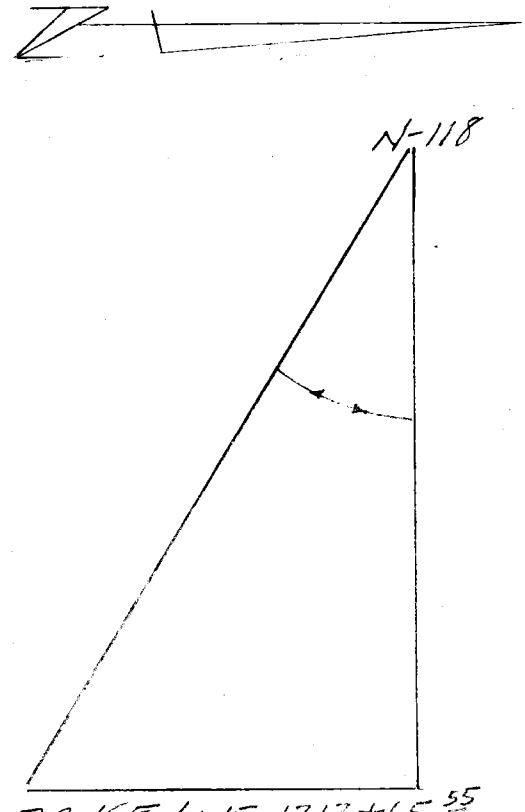
76S420A - CE 353A - Cdb 9-62

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					
N-118	N-117	9:16	1	69°	18'			
			2	66°	58'			
			3	63°	57'			2126612
			4	60°	20'			
			5	57°	08'			
			6	52°	53'			2126614
			7	49°	30'			
			8	46°	06'			
			9	43°	29'			2126616
			10	40°	29'			
			11	37°	47'			
			12	34°	18'			2126618
			13	30°	55'			
			14	27°	35'			
			15	24°	59'			2126620
			16	21°	33'			
			17	18°	10'			
		9:20	18	15°	10'			2126622
				00	00			
				00	00			
				00	00			2126624



X

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 233
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes JG Date 4-28-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALL Date ____

F. B. 3794 Pg. 234 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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.
				84	00			
				00	00			
				00	00			2126608
				00	00			
				00	00			
				00	00			2126610
				84	00			
				00	00			
				00	00			2126632
				00	00			
				00	00			
				00	00			2126634
				13	12			
				08	34			
				05	20			2126636
				03	38			
				02	13			
				00	00			2126638
				00	00			
				00	00			
				00	00			2126640

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1215 + 16.9 N	
	814	1636		822	T.P. FROM FEE WOOD FG	
			149	15	LEFT 33 SAND	
			1255	381	6 SET 1X2	
			122	42		℄ SAND
			118	46		RIGHT 3 M.H.W.
			90	74		26 GR.CH.
			459	1177		40 SET 1X2 UP 1.3
			15	149		62 BOT. BANK
			+46	210		71 TOP "
			+58	222		94 BOT "
			+216	380		TOP " 127 SHLDR RD
T.P.			420	1216		
					CUT GUN AT 118	SIGHT ON 1215+16.9
	306	687		381	1X2 6FT LEFT	
			62	07	#1 3° 49'	
			73	-04	2 6 29	
			94	-25	3 12 07	
			120	-51	4 20 38	
			158	-89	5 26 13	

DATUM
MEAN LOWER LOW WATER

X Profile Notes Red ____ Plotted ____ Job No. 23002 Division No. 11 F.B. 3794 Pg. 235
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 1-28-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

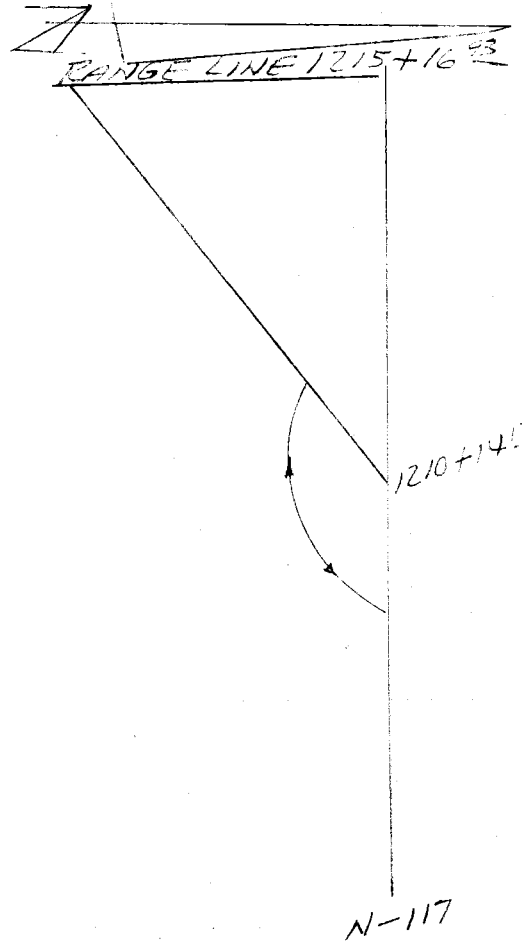
765420A • CE 353A • Cdb 9-62

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					
1210+14.[illegible]	N-117	9:47	1	112°	36'			
			2	113°	41'			
			3	115°	03'			
			4	116°	30'			
			5	118°	32'			
			6	120°	30'			
			7	122°	51'			
			8	125°	21'			
			9	127°	33'			
			10	129°	10'			
			11	131°	20'			
			12	133°	45'			
			13	135°	29'			
			14	138°	05'			
			15	139°	31'			
			16	140°	47'			
			17	143°	22'			
			18	146°	57'			
			19	152°	02'			
			20	155°	49'			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 237
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.S. Date 4-28-61
Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F. B. 3794 Pg. 238 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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 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					
			31	158°	57'			
		932	22	132°	13'			

76L298 307 Cdb 12-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				67	24				
				66	19				
				64	57				2151708
				63	40				
				61	28				
				59	30				2151710
				57	09				
				54	39				
				52	27				2151712
				50	50				
				48	40				
				46	15				2151714
				44	31				
				41	55				
				40	29				2151716
				39	13				
				36	38				
				33	03				2151718
				27	58				
				24	11				
				21	03				2151720

X

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____ Date____

F. B. 3794 PG. 237 A

76L298 307 Cdb 12-62

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.

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Job No. Notes Date

F. B. 3794 PG. 238A

Survey of

Survey by

Indexed

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					
				17	47			
				00	00			
				00	00			2151722
				00	00			
				00	00			
				00	00			2151724
				96	00			
				00	00			
				00	00			2151726
				00	00			
				00	00			
				00	00			2151728
				84	00			
				00	00			
				00	00			2151736
				00	00			
				00	00			
				00	00			2151738
				26	13			
				20	38			
				12	07			2151740

← 10 19 129

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1217+68.3 N	
	126	1342		1216	T.P. FROM PREVIOUS PG	
			132	02	53 LEFT ROCKY BOT.	
			1126	216	38 PAINT ON ROCK	
			88	46	6 MHW SAND	
			588	754		℄ SET 1x2
			81	53		℄ SAND
			37	97		RIGHT 34 GR. CH.
			072	1270		40 SET 1x2
			+03	137		56 BOT BANK
			+54	188		66 TOP "
			+72	206		100 BOT "
			+207	341		TOP " 135 SHLDR RD
T.B.M. # 16			227	1115	FD CHIS "X" IN APRON SOLSTICE CRK BRDG ELEV = 11.15 MLLW.	
					CUT GUN AT N-118 SIGHT ON 1217+68.3	
	010	764		754	1x2	℄
			152	-76	1 45° 45'	
			116	-40	2 33 30	
			88	-12	3 21 45	ROCKS AT LOW TIDE
			75	01	4 13 37	
			65	11	40 FT LEFT	

DATUM
MEAN LOWER LOW WATER

X Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3794 Pg. 239
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes [illegible] Date 1-28-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

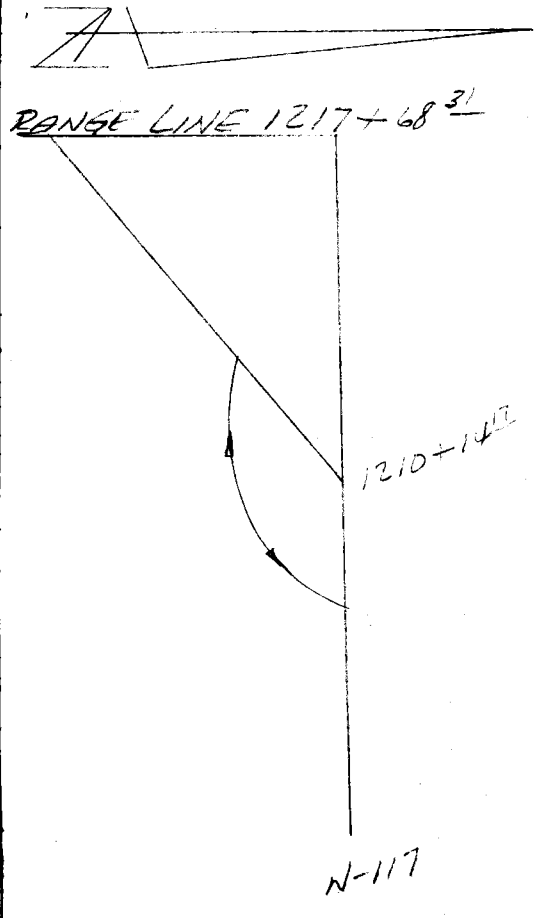
76S420A - CE 353A - Cdb 9-62

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					
1210+14.1	N-117	10:02	1	120°	03'			
			2	121°	53'			
			3	124°	30'			
			4	127°	21'			
			5	129°	40'			
			6	132°	35'			
			7	135°	07'			
			8	137°	50'			
			9	139°	42'			
			10	141°	23'			
			11	142°	53'			
			12	143°	56'			
			13	146°	02'			
			14	149°	47'			
			15	152°	55'			
			16	155°	27'			
			17	158°	53'			
			18	162°	40'			
		10:07	19	167°	14'			



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 241
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd Checked Survey by [illegible] Notes [illegible] Date [illegible]
No. Date Date Map No. Indexed [illegible] Date

F. B. 3794 Pg. 242 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

Survey by RICHARDS Notes J.G. 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					

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

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

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					
				59	57			
				58	07			
				55	30			2176808
				52	39			
				50	20			
				47	25			2176810
				44	53			
				42	10			
				40	18			2176812
				38	37			
				37	07			
				36	04			2176814
				33	58			
				30	13			
				27	05			2176816
				24	33			
				21	07			
				17	20			2176818
				12	46			
				00	00			
				00	00			21768 20

X

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____ Date____

F. B. 3794 PG. 241A

76L298 307 Cdb 12-62

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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					
				00	00			
				00	00			
				00	00			2176822
				96	00			
				00	00			
				00	00			2176824
				00	00			
				00	00			
				00	00			2176826
				84	00			
				00	00			
				00	00			2176834
				00	00			
				00	00			
				00	00			2176836
				45	45			
				33	30			
				21	45			2176838
				13	37			
				00	00			
				00	00			2176840

← TO Pg 204 A

F. B. 3794 PG 242A Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile

Survey of ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ No. ____

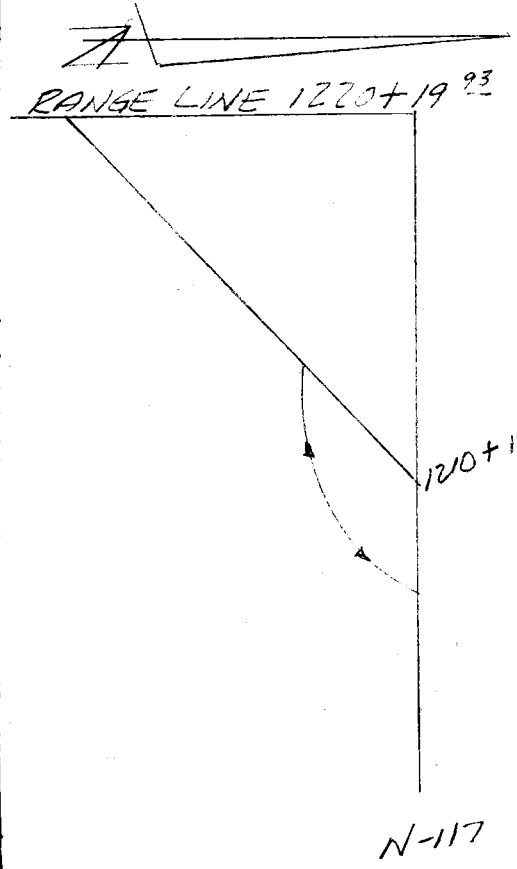
765420A - CE 353A - Cdb 9-62

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					
1210+14.12	N-117	10:18	1	125°	33'			
			2	127°	19'			
			3	129°	03'			
			4	132°	07'			
			5	134°	39'			
			6	137°	07'			
			7	139°	40'			
			8	140°	47'			
			9	143°	00'			
			10	145°	36'			
			11	148°	08'			
			12	150°	08'			
			13	153°	10'			
			14	155°	47'			
			15	159°	41'			
			16	161°	30'			
			17	164°	59'			
		10:23	18	167°	04'			



Profile No.____ Date____ Notes Red.____ Date____ Plotted____ Date____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 245
X-Sec. No.____ Date____ Notes Chkd.____ Date____ Checked____ Date____ Survey of HYDROGRAPHIC SURVEY Survey by K. HINKLE Notes J.T.G. Date 4-20-61
Map No.____ Date____ Indexed C. J. CALL Date____

F. B. 3794 PG. 246 Job No. 0300.02 Division No. 11 Notes Red. ______ Plotted ______ Profile

Survey of HYDROGRAPHIC SURVEY Date ______ Date ______ No. ______

Survey by RICHARDS Notes J.G. 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.

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.

76L298 307 Cdb 12-62

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					
				54	27			
				52	41			
				50	57			2202010
				47	53			
				45	21			
				42	53			2202012
				40	20			
				39	13			
				37	00			2202014
				34	24			
				31	52			
				29	52			2202016
				26	50			
				24	13			
				20	19			2202018
				18	30			
				15	01			
				12	56			2202020
				00	00			
				00	00			
				00	00			2202022

X

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____ Date____

F. B. 3794 PG. 245 A

76L298 307 Cdb 12-62

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. 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					
				100	44			
				00	00			
				00	00			2202024
				00	00			
				00	00			
				00	00			2202026
				79	16			
				00	00			
				00	00			2202034
				00	00			
				00	00			
				00	00			2202036
				32	00			
				25	09			
				17	46			2202038
				10	24			
				07	37			
				00	00			2202040
				00	00			
				00	00			
				00	00			2202042

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Job No. Notes Date

F. B. 3794 Pg. 246 A

Survey of

Survey by

Indexed

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1222+74.9 N	
	6.43	12.88		645.	TP FROM PREVIOUS PG	
			9.00	388.	.25 LEFT SET 1X2 UP 0.2	
			8.3	46.	15 M.H.W.	
			4.91	797.		℄ SET 1X2
			6.4	65.		℄ SAND
			2.18	1070.		RIGHT 28 SET 1X2 UP 0.5
			2.3	106.		32 ROW PILINGS BLDG
			+5.3	182.		32 DECK BLDG
			1.4	115.		39 PILINGS SIDE BLDG
			+1.2	141.		70 BOT BANK
			+11.6	245.		TOP " 93 6' BOARD FENCE
T.P.			4.94	794.		
					CUT GUN AT 1225+28.8	SIGHT ON N-118
	3.06	6.94		388.	1X2 25 FT LEFT	
			17.2	-103.1	62° 58'	
			15.0	-81.2	54 47	
			13.2	-63.3	46 55	
			12.0	-51.4	41 42	
			11.6	-47.5	35 00	
		ESTIM	1.5	54.6	TOP OF 10X10 ROCK	26° 54'
			6.8	01.7	15 57	
			5.9	10.8	12 17	

DATUM
MEAN LOWER LOW WATER

Profile No. ___ Notes Red ___ Date ___ Plotted ___ Date ___ Job No. 0300.02 Division No. 11 Survey of MALIBU HYDRO
X-Sec. No. ___ Notes Chkd. ___ Date ___ Checked ___ Date ___ Survey by WILSON Notes ADAMS Date 4-28-57
Map No. ___ Date ___ Indexed C. J. GALLI Date ___

F.B. 3794 Pg. 247

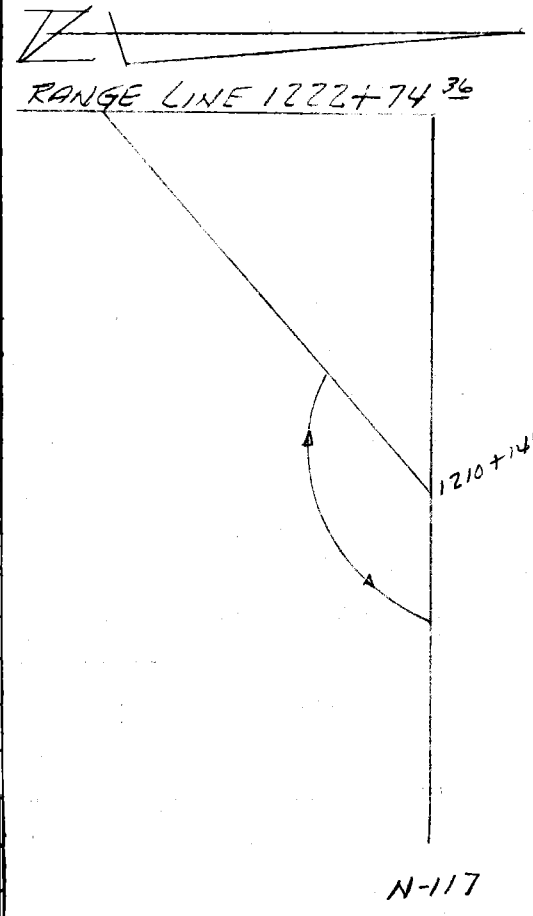
765420A - CE 353A - Cdb 9-62

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 Deg.	Line Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch						
1210+14.17	N-117	10:35	1	131°	35'				
			2	133°	02'				
			3	134°	40'				
			4	136°	34'				
			5	138°	57'				
			6	140°	51'				
			7	142°	04'				
			8	143°	15'				
			9	144°	15'				
			10	145°	40'				
			11	147°	20'				
			12	148°	05'				
			13	149°	06'				
			14	149°	59'				
			15	150°	12'				
			16	152°	26'				
			17	153°	49'				
			18	155°	11'				
			19	156°	27'				
			20	158°	38'				



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3794 Pg. 248
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by RICHARDS Notes J.G. Date 4-28-61
Map No. ____ Date ____ Indexed C.J. GALLI Date ____

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.

F. B. 3794 Pg. 250 Job No. 0300.02 Division No. 11 Notes Red. ____ Plotted ____ No. ____ Profile
Survey of HYDROGRAPHIC SURVEY Date ____ Date ____ No. ____ X-Sec.
Survey by RICHARDS Notes J.G. Notes Chkd. ____ Checked ____
Indexed G. J. GALLI Date ____ Date ____

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	159°	50'			
			22	161°	10'			
			23	162°	31'			
			24	164°	55'			
			25	167°	08'			
		10:42	26	169°	02'			
THIS F.B. CLOSED O.								
CONTINUED IN F.B. 3795								

76L298 307 Cdb 12-62

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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						
				48	25				
				46	58				
				45	20				2227412
				43	26				
				41	03				
				39	09				2227414
				37	56				
				36	45				
				35	45				2227416
				34	20				
				32	40				
				31	55				2227418
				30	54				
				30	01				
				29	48				2227420
				27	34				
				26	11				
				24	49				2227422
				23	33				
				21	22				
				20	10				2227424

X

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____ Date____

F. B. 3794 PG 247 A

76L298 307 Cdb 12-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				18	50			
				17	29			
				15	05			2227426
				12	52			
				10	58			
				00	00			2227428
				00	00			
				00	00			
				00	00			2227430
				100	44			
				00	00			
				00	00			2227432
				00	00			
				00	00			
				00	00			2227434
				79	16			
				00	00			
				00	00			2227442
				00	00			
				00	00			
				00	00			2227444

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Job No. Notes Date

F. B. 3794 Pg 250 A

Survey of

Survey by

Indexed