Survey of HYDRO-SURVEY
JN 030002 Tape — Std — °F
Surveyed by W. A. RICHARDS
Notes W. A. R. Date 5-69
Indexed E. J. GALLI JUN 25 69

F.B. 2819 Pg. 5

J.N. 030002

HYDROGRAPHIC SURVEYS

RANGA CN TO ESCONDIDO BEACH

NTINUED FROM FB. 2818

NSHORE CROSS-SECTIONS & CUT-IN ANGLES
OR OFFSHORE PROFILES + TIDE READINGS

M RANGE NO. 844 + 75.64 N.
" " 983 + 18.28 N., INC.

HARDS KS KSON LIER	BAZEN SOPER	DREIER FOULGER SIEMANN McKNIGHT	CURTIS KAPP LIEBER RODRIGUEZ TURRILL BUSTRUM

F.B. 2819 PG. 6

AREA MAP

TO N-92

N-93
=844+47.73 N.
FB. 3790-32

RANGE 844+75.64 N.

RANGE 847+29.42 N.

CONTROL LINE

RANGE 849+83.20 N.

N-94
=850+64.96 N.
FB. 3790-33

FB. 2819
5-260, INC.

RANGE 980+67.94 N.

RANGE 983+18.28 N.

N-104
=985+06.82
FB. 3790-47

TO N-105

C O A S T H W Y.

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403 Los Angeles County Engineering Bldg.

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76-L-298 CE 307 5-66

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Do not extend notes this side of this line. N-93 844+47.73

STATION	B. S.	H. I.	F. S.	ELEV.		
			STA. 844+75.64			
		Sight on N-94			80° 06' Lt	
TBM #35				7.18	T.B.M. #35 El. 7.18	F.B. 3770-112 (N-93)
T.P.				8.01	T.P. 1"x2" @ Sta. Sand	
				12.4	50' Rt. BRK. Sand (top)	
				15.4	65' Rt. Bot Brk-under House	
					⊼ AT 849+83.20	SIGHT ON N-93
	051	852		8 01	T.P. 1"x2" FLUSH	
			39	46	31 FT LEFT M.H.T.	
			54	31	∡ #1 5° 43'	
			73	12	2 7° 40	5 FT INSHORE OF ROCK GROUP
			99	-14	3 17 56	5 FT OFFSHORE " "
			142	-57	4 22 00	
			143	-58	5 27 18	
			156	-71	6 31 48	
			169	-84	7 35 39	

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. ____ Division No. 11 Survey of Malibu Lyd. Survey

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by ____ Notes ____ Date 5-15-69

Map No. ____ Indexed C. J. GALLI Date JUN 25 '69

F.B. 2811 Pg. 7

F. B. 2819 Pg. 8 Job No.____ Division No.____ Notes Red____ Plotted____ Profile

Survey of____ Date____ Date____ No.____

Survey by____ Notes____ Notes Chk'd.____ Checked____ X-Sec.

Indexed____ Date____ Date____ Date____ No.____

76-L-298 CE 307 5-66

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

76L298 307 Cdb 12-62

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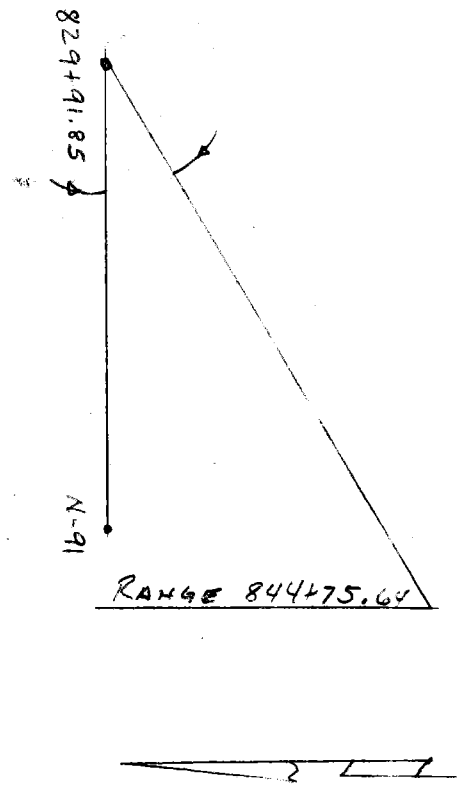
Do not extend notes this side of this line.

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					
829+92	N-91	7:35	1	311	42			
			2	312	50			
			3	313	57			
			4	314	54			
			5	315	58			
			6	317	01			
			7	318	14			
			8	319	34			
			9	320	56			
			10	322	26			
			11	324	11			
			12	325	45			
			13	327	05			
			14	328	38			
			15	329	45			
			16	330	44			
			17	332	10			
			18	333	23			
			19	334	46			
			20	335	31			



Profile Notes Red. Plotted Job No. 0800.02 Division No. 1 F.B. 2819 Pg. 9

No. Date Date Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes DON Date 5-15-69

No. Date Date Map No. Indexed C. L. GALLI Date JUN 25 69

76L298 307 Cdb 12-62

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F. B. 2819 Pg. 10 Job No. SAME Division No. Notes Red. Plotted Profile

Survey of Date Date No. X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed C. J. GALT Notes Date Date Date No.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only		
						Range Line		Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch			Deg.	Min.	
			21	336	51			
			22	337	40			
		7:39	23	339	13			
			~~24~~					
			25					

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			STA.	847+29.42		
	Sight	on N-94			50° 06' Lt.	
T.P.				8.01	T.P. Cont from Sta 849+[illegible]	
T.P.				11.26	T.P. 1"x2" @ Sta.	Sand
				11.8	50' Rt. Bot. Brk Sand	
				24.8	61' Rt. Top Brk.	
					⊼ AT 849+83.20	SIGHT ON N-93
	056	11 81		11 26	1x2	
			01		SAND	
			20		23 FT LEFT SAND BRK	
	1 87	8 36 4	5 32	6 49	T.P.	
			161	-7 7	4" 1 61° 12	
			162	-7 8	2 53 12	
			123	-3 9	3 47 31	
			121	-3 7	4 39 55	
			8 8	-0 4	5 34 41	
			64	2 0	6 20 41	
			38	4 6	62 FT. LEFT M.H.T.	
			1 62	6 74	T.P. 1x2 50 FT LEFT	STA. 849+83.20

SCAT ROCKS

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. [illegible] Pg. 11
Date ____ Date ____ Survey of Malibu Area Hyd. Survey
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 5-15-69
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 '69

F. B. 2819 Pg. 12 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76-L-298 CE 307 5-66

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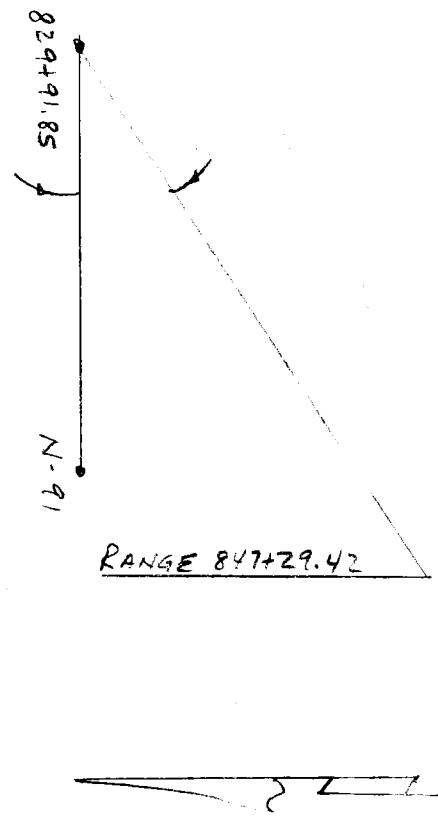
Do not extend notes this side of this line.

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					
829+92	N-91	7:50	1	314	12			
			2	315	50			
			3	317	00			
			4	318	10			
			5	319	34			
			6	320	36			
			7	321	35			
			8	322	52			
			9	323	57			
			10	325	03			
			11	326	06			
			12	326	46			
			13	328	11			
			14	329	12			
			15	329	59			
			16	330	57			
			17	331	56			
			18	333	06			
			19	334	07			
			20	335	09			



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

X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by RICHARDS Notes DON Date 5-15-69

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

F. B. 2819 Pg. 14 | Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ SAME Date _____ Date _____ No. _____

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

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

761.298 307 Cdb 12-62

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Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
			21	335	59			
			22	336	46			
		7:54	23	338	01			
			~~24~~					
			~~25~~					

76-L-298 CE 307 5-66

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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.

N-94 850+64.96

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
				Sta. 849+83.20		
	Sight on N-94				80° 06' Lt	
T.P.				11.26	T.P. Cont. from Sta. 847+29.42	
T.P.				10.44	T.P. 1"x2" @ Sta.	Sand
				11.9		45' Rt Bot Brk (Sand)
				21.4		50' " Top "
				9.5	25' Lt. Sand Brk	
				6.75	50' Lt " 1"x2"	Sand
T. B.M. #26				11.26	TBM #26 El. 11.26	EB. 3790-113 [illegible]
					in Pile SW. Cor. Ho# 30812	
					⊼ 847+29.42 SIGHT AHEAD N-94	
	100	773		673	T.P. 1X2 50 FT LEFT AT STA.	
			31	46	72 FT LEFT M.H.T.	
			51	26	∡ #1 20° 20'	
			81	-04	2 26 19	
			86	-09	3 31 07	
			106	-29	4 39 42	
			113	-36	5 42 45	
			171	-94	6 46 30	

SCAT ROCKS ABOVE WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. 2017 Pg. 15
Date ____ Date ____ Survey of Malibu Creek Hyd. Survey
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by CERTIS Notes ASC Date 5-15-69
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 '69

F. B. 2819 PG. 16 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

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76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

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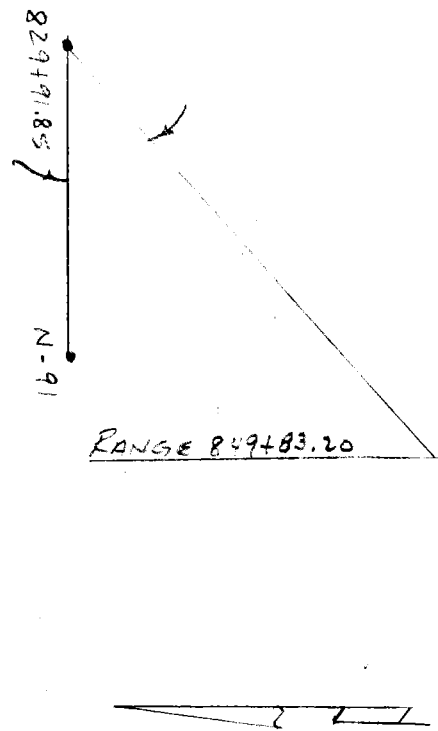
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
829+92	N-91	8:01	1	316	26			
		P.S.T.	2	317	19			
			3	318	06			
			4	319	10			
			5	320	23			
			6	321	32			
			7	322	31			
			8	323	26			
			9	324	33			
			10	325	35			
			11	326	45			
			12	327	53			
			13	328	50			
			14	329	54			
			15	330	32			
			16	331	22			
			17	331	58			
			18	332	44			
			19	333	19			
			20	334	03			



Profile Notes Red. Plotted Job No. 0300.02 Division No. F.B. 2819 Pg. 17

No. Date Date Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes DON Date 5-15-69

No. Date Date Map No. Indexed E.J. GALLI Date JUN 25 '69

F. B. 2819 PG. 18 Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ SAME Date _____ Date _____ No. _____

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

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

76L298 307 Cdb 12-62

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INST. AT DON'T PUNCH	SIGHT ON DON'T PUNCH	TIME DON'T PUNCH	ANGLE Nº DON'T PUNCH	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº.
			21	335	02			
			22	335	40			
			23	336	28			
			24	337	07			
			25	337	58			
			26	338	45			
		8:06	27	339	53			

76-L-298 CE 307 5-66

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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.
N-94 [illegible] 96

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		Sta. 35 C + 34.81				
	Sight on N-75				93° 53' Lt	
TBM #26				11.26	TBM #26 (Cont)	
TP				11.10	TP 1"x2" @ Sta. Sand	
				11.1	18' Rt, Sand Horse	
				10.[illegible]	26' Lt. Brk. Sand	
	1 51	8 87		7.86	50' Lt. 1"x2" "	
		46			T at 847+29.42	SIGHT ON N-94
			145	-56	∡ 1 28° 02'	
			159	-70	2 29° 52	OUT [illegible]
			165	-76	3 25 20	
			131	-42	4 21 15	
			110	-21	5 17 50	
			96	-07	6 14 42	
			87	02	7 11 10	
			76	13	8 8 12	
			64	25	9 5 11	
			43	46	68 FT LEFT M. H.T.	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. [illegible] Pg. 19
No. ____ Date ____ Date ____ Survey of Malibu Creek-Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]-15
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 2 5 '69

F. B. 2819 PG. 20 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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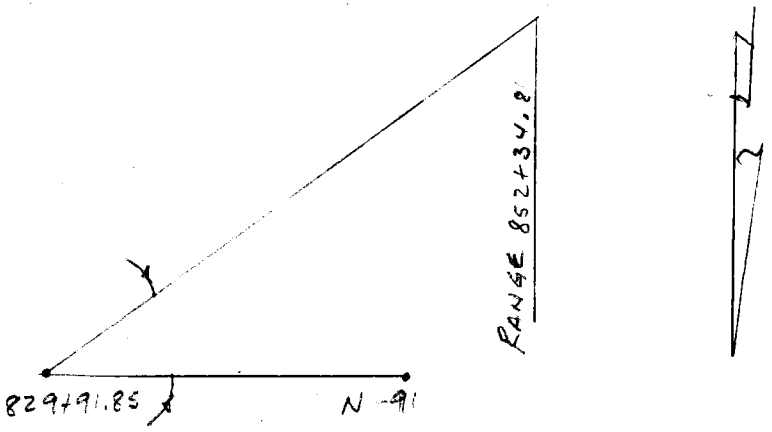
Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 F. B. 2819 Pg. 21

Date _____ Date _____ Survey of MALIBU HYDRO SURVEY

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 5-15-69

Date _____ Date _____ Map No. _____ Indexed [illegible] Date [illegible]



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PLEASE RETURN TO

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE 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					
829+92	N-91	8:13	1	319	42			
			2	320	28			
			3	321	24			
			4	322	30			
			5	323	30			
			6	324	37			
			7	325	22			
			8	326	23			
			9	327	33			
			10	328	21			
			11	329	14			
			12	330	15			
			13	331	39			
			14	332	34			
			15	333	32			
			16	334	20			
			17	335	14			
			18	335	46			
			19	336	47			
			20	337	26			

76L298 307 Cdb 12-62

F. B. 2819 PG. 22

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed G.L. GALLI Date _____ Date _____ Date _____ No. _____

761298 307 Cdb 12-62

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Do not extend notes this side of this line.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
		8:16	21	338	38			
			~~22~~					
			~~23~~					
			~~24~~					
			~~25~~					

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		Sta	854+85.39			
	sight on	N-95			73° 53' Lt.	
T.P.				11.10	T.P. Cont from Sta. 853+34.31	
T.P.				10.81	T.P. 1"x2" @ Sta. Sand.	
				10.5	12' Bt. Bot Wd. Ret Wall Sand	
				14.8	12' " Top "	
				10.4	35' Lt. Brk Sand	
	-006	914		9.08	50' Lt. Sand, 1"x2"	
					⊼ AT N-94 SIGHT ON N-95	
			45	46	80 FT LEFT M.H.T.	
			68	23	∡ #1 13° 43'	
			95	-04	2 16 56	
			95	-04	3 23 27	
			126	-35	4 28 10	
			150	-59	5 31 48	
			153	-62	6 35 30	
			156	-65	7 40 31	
			170	-79	8 43 43	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. 281 PG. 23
Date ____ Date ____ Survey of Malibu Area - Hyd. Survey
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by Curtis Notes A.E. Date [illegible]
Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date JUN 25 '69

F. B. 2819 PG. 24 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

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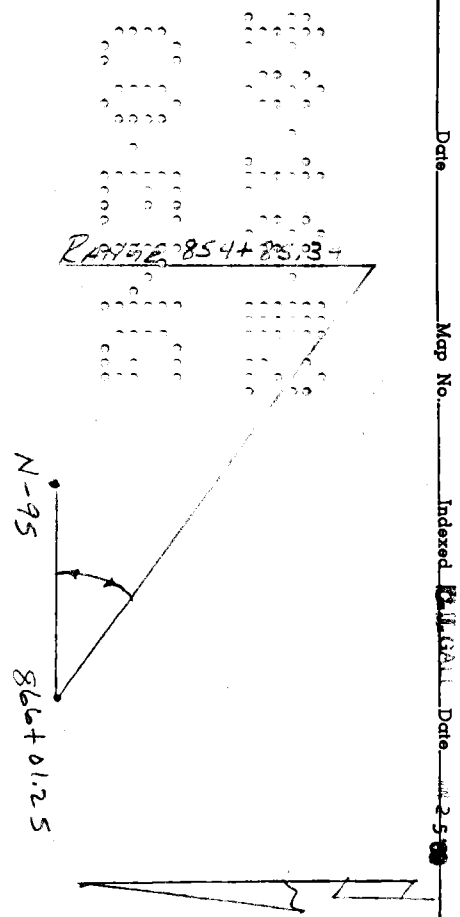
LOS ANGELES COUNTY SURVEYOR

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.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
866+01	N-95	8:40	1	61	11			
			2	60	19			
			3	59	06			8548532
			4	57	58			
			5	57	11			
			6	56	11			8548534
			7	55	16			
			8	54	12			
			9	52	44			8548536
			10	51	12			
			11	50	09			
			12	48	52			8548538
			13	47	28			
			14	46	04			
			15	44	00			8548540
			16	41	21			
			17	39	37			
			18	38	13			8548542
			19	36	54			
			20	35	30			
			21	34	19			8548544



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2819 Pg. 25

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 5-15-69

No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

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 Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
			22	32	49			
			23	31	14			
			24	30	11			8548546
			25	28	17			
		8:45	26	26	24			
				00	00			8548548
				00	00			
				00	00			
				00	00			8548550

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

Plotted ____ Date ____ Checked ____ Date ____

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

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

F. B. 2819 Pg. 26

Survey of ____

Survey by ____

Indexed C. J. GALLI

76-L-298 CE 307 5-66

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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.		
			Sta	857+	35.97	
	Sight on N-95				93°53' Lt.	
T.P.				10.31	T.P. Cont from Sta 854+30.97	
T.P.				10.7	T.P. 1"x2" @ Sta. Sand	
				11.8	2.4' Lt. Bot. Wd. Bot. Wall Sand	
				10.8	2.4' " Top " " "	
				10.8	42' Lt. Brk Sand.	
	1 75	11 66		9.91	50' Lt. 1"x2" Sand.	
	2 00	7 18	5 18	6 48	T.P.	
					⊼ AT N-94 SIGHT N-95	
			168	-96	∡ #1 29° 06	IN BROKE ROD OUT ↓
			26	46	83 FT LEFT M.H.T.	
			54	18	∡ #2 8° 48	
			66	06	3 11 33	
			91	-19	4 17 15	
			115	-43	5 21 51	
			142	-70	6 25 19	
			168	-96	7 29 08	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of Malibu Ca. Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ASC Date 5-15-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date JUN 25 '69

F. B. [illegible] PG. [illegible]

F. B. 2819 PG. 28 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

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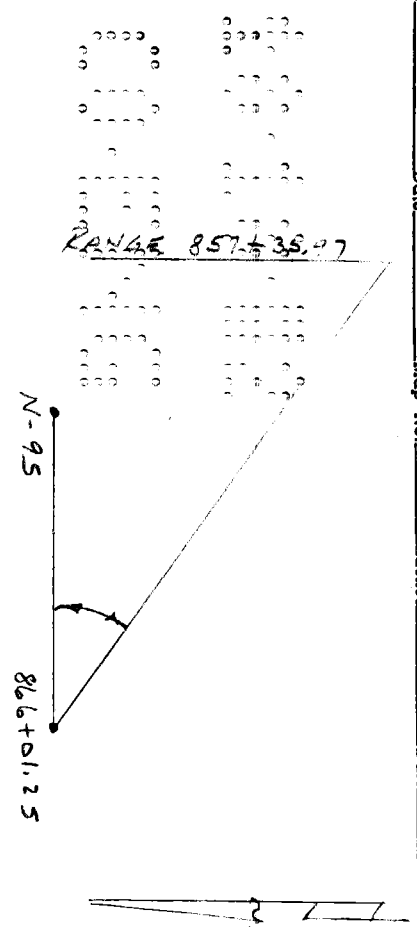
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
866+01	N-95	9:02	1	68	32			
			2	66	45			
			3	65	28			8573629
			4	63	28			
			5	61	57			
			6	60	43			8573630
			7	59	19			
			8	57	58			
			9	56	35			8573632
			10	55	02			
			11	53	48			
			12	52	01			8573634
			13	50	26			
			14	48	35			
			15	46	36			8573636
			16	44	36			
			17	42	57			
			18	41	41			8573638
			19	39	19			
			20	36	41			
			21	34	58			8573640



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2818 PG. 20
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY
Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 5-15-69
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					
			22	33	17			
			23	31	15			
		9:07	24	29	04			8573642
				00	00			
				00	00			
				00	00			8573644
				93	53			
				~~00~~	~~00~~			
				00	00			8573646
				00	00			
				00	00			
				00	00			8573648

F. B. 2819 PG. 30

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

Survey of Date Date No. X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed C. J. GALLI Date Date No.

76-L-298 CE 307 5-66

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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.	
			Sta 859+86.55		
	Sight on N-95				93° 53' Lt.
[illegible]				10.74	T.P. Cont from Sta [illegible]
[illegible]				10.74	T.P. [illegible]
				16.4	28' [illegible]
				14.3	28' [illegible]
				11.1	39' Lt. Brk Sand
				10.[illegible]	60' Lt 1"x2" Sand
[illegible]				11.41	T.B.M. #27 El. 11.41 FB 3790-1.3 Bt. Spk in Pile S.W. Cor. No. # 30928
	2.48	12.58		10.10	1x2 50 FT LEFT T.P.
	0.93	7.42	6.09	6.49	T.P. π AT N 94 SIGHT N-95
			1.70	-9.6	4 # 1 22° 50'
			1.52	-7.8	2 20 10
			1.22	-4.8	3 17 30
			1.09	-3.5	4 15 36
			89	-1.5	5 12° 49'
			68	0.6	6 9 10
			45	2.9	7 5 12
			28	4.6	86 FT LEFT M.H.T.

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. [illegible] PG 31
Date ____ Date ____ Survey of [illegible] Survey
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed C.J. GAL Date JUN 25 [illegible]

F. B. 2819 PG. 32 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

76-L-298 CE 307 5-66

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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.

76L298 307 Cdb 12-62

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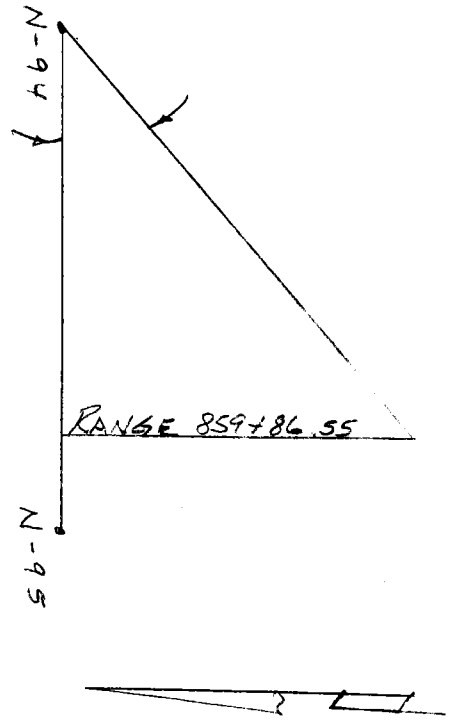
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
N-94	N-95	9:25	1	302	58			
			2	304	56			
			3	306	17			
			4	307	15			
			5	308	48			
			6	310	12			
			7	311	33			
			8	312	11			
			9	313	25			
			10	314	45			
			11	316	21			
			12	318	04			
			13	319	57			
			14	322	23			
			15	324	22			
			16	326	14			
			17	327	59			
			18	329	52			
			19	331	15			
			20	332	54			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 9300.02 Division No. 11 F. B. 2810 Pg. 23
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by RICHARDS Notes DAY Date 5-15-69
Map No. ____ Date ____ Indexed ____ Date JUN 25 1969

F. B. 2819 PG. 34

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

Survey of _____ SAME Date _____ Date _____ No. _____

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

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

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. AT DON'T PUNCH	SIGHT ON DON'T PUNCH	TIME DON'T PUNCH	ANGLE Nº DON'T PUNCH	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº.
			21	334	40			
			22	336	42			
			23	338	40			
			24	340	45			
			25	342	43			
		9:30	26	344	50			

76-L-298 CE 307 5-66

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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. N-95 863+07.87

STATION	B. S.	H. I.	F. S.	ELEV.		
		STA. 863+37.13				
	Sight on N-95				93°53' Lt	
T.B.M. #27				11.41	T.B.M. #27 (Cont)	
T.P.				10.67	T.P. 1"x2" @ Sta. Sand	
				95	20' Rt. Est. [illegible]	
				15.0	20' " Top " " "	
	137			11.39	44' Lt. BRK 1"x2" Sand.	
[illegible]				11.41	TBM #27	
		12 76			⊼ AT 859+86.55 SIGHT ON N95	
	062	7 93	731	5 45	T.P.	
			46 33	4 6	108 FT LEFT M.H.T.	
			51	2 8	41 27° 12'	
			64	1 5	2 32 59	
			70	0 9	3 40 40	
			84	-0 5	4 43 54	
			89	-1 0	5 46 55	
			106	-2 7	6 51 17	
			130	-5 1	7 55 07	
			151	-7 2	8 57 59	
			164	-8 5	9 61 24	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. 281 PG. 35
No. ____ Date ____ Date ____ Survey of Malibu Mica - Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Curtis Notes ASC. Date 5-15-69
No. ____ Date ____ Date ____ Map No. ____ Indexed R. J. GALLI Date 5-23-69

F. B. 2819 PG. 36 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

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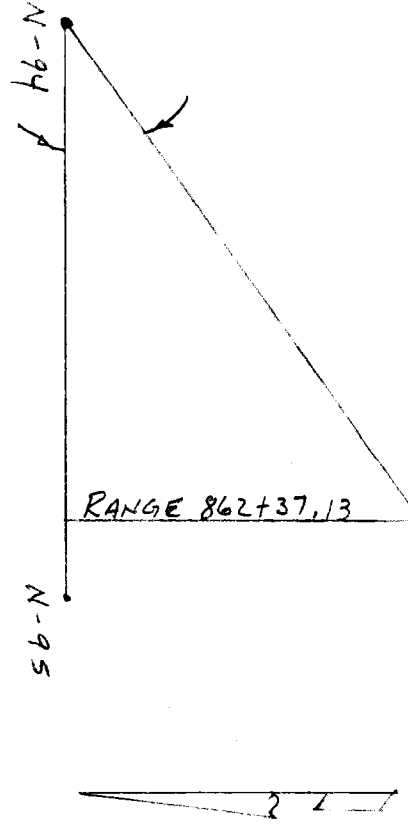
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	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-94	N-95	9:40	1	306	29			
			2	307	47			
			3	309	27			
			4	310	46			
			5	311	56			
			6	313	31			
			7	314	37			
			8	316	03			
			9	317	20			
			10	318	33			
			11	319	45			
			12	321	21			
			13	323	01			
			14	324	21			
			15	326	13			
			16	327	22			
			17	328	25			
			18	330	19			
			19	331	24			
			20	333	08			



Profile No. X-Sec. No.
Notes Red. Date Notes Chkd. Date
Plotted Date Checked Date
Job No. 03000.02 Division No. 11 Survey of MALIBU HYDRO SURVEY
Survey by RICHARDS Notes DON Date 5-15-69
Map No. Indexed Date
F. B. 2819 PG. 37

F. B. 2819 PG. 38 Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ SAME Date _____ Date _____ No. _____

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

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

76L29 ... 7 Gdb 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 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.
			21	334	46			
			22	336	13			
			23	337	51			
			24	339	24			
			25	340	48			
			26	342	02			
			27	344	06			
			28	345	19			
		9:45	29	347	10			

76-L-298 CE 307 5-66

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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. N-95 863+07.87

STATION	B. S.	H. I.	F. S.	ELEV.		
			374.864+99.34			
	Sight on N-96				81° 22' Lt.	
TBM #27				11.41	TBM #27 (2017)	
T.P.				11.15	T.P. 1"x2" @ Sta. Sand	
				10.5		31 Sta. Bot Wd Post Wd
				15.6		31 " Top " " "
				11.1	25' Lt	Sand
				10.21	30' Lt 1"x2"	Sand
TBM #28				10.85	TB11 #28 El. 10.85 FB 3790-113 Bt. of Pole on P/L @ SW. Cor. 3790. Node N-96	
T.P.				14.24	T.P. El. 14.24 Chist + Top 36" Conc Dr. Pipe ± 374 850+00	
					△ AT 859486.55	Sight on N-95
	194	12.15		10.21	T.P. 1x2 30'	
	119	6.56	6.78	5.37	T.P.	
			1.59	-.93	△ 1	42° 58'
			1.40	-.74	2	39 40
			1.40	-.74	3	35 10
			1.05	-.39	4	31 56
			.89	-.23	5	27 01
			.70	.04	6	22 11
			.58	.08	7	17 20
			.50	.16	8	15 19
			.20	.46	70 FT LEFT M.H.T	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of Pitches Point Survey
X-Sec. Notes Chk'd ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date JAN 25 19__

F. B. ____ Pg. ____

F. B. 2819 PG. 40 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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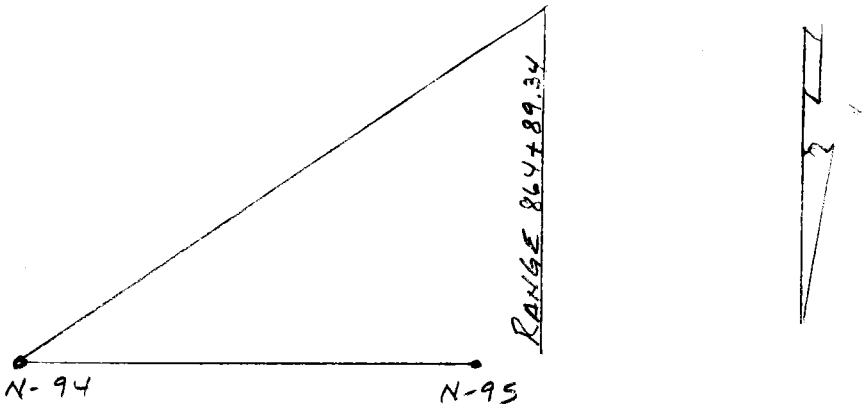
76-L-298 CE 307 5-66

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 | F. B. 2819 Pg. 41

X-Sec. No. _____ Date _____ Date _____ Survey of MALIBU HYDRO SURVEY

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 5-15-69

Date _____ Date _____ Map No. _____ Indexed [illegible] GALLI Date JUN 2 5 [illegible]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-94	N-95	9:55	1	311	31			
		P.S.T.	2	312	36			
			3	313	51			
			4	314	58			
			5	316	07			
			6	317	11			
			7	317	56			
			8	318	49			
			9	320	07			
			10	321	18			
			11	322	59			
			12	324	14			
			13	325	44			
			14	327	18			
			15	328	56			
			16	330	41			
			17	332	20			
			18	333	45			
			19	334	58			
			20	336	13			

76L298 307 Cdb 12-62

F. B. 2819 PG. 42 Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ SAME Date _____ Date _____ No. _____

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

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

76L2[illegible] 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 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.
			21	337	22			
			22	338	55			
			23	340	03			
			24	341	07			
			25	342	26			
			26	343	34			
			27	344	44			
		9:59	28	346	07			

76-L-298 CE 307 5-66

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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.		
			STA. 867+42.20			
	SIGHT on N-96				81° 22' Lt.	
T.P.				14.24	T.P. Cont. Chis "+" Top Conc DR. Pipe	
T.P.				[illegible]	T.P. 1"x2" @ STA Sand	
				11.2	3' Rt. Bot Rock Ret. wall	
				17.2	3' " Top " " "	
	106	7 61		6.55	27' Lt 1"x2" Sand	
			30		43 FT LEFT M.H.T.	
			53	23	∡ #1 7° 59'	OCUPY N 95 SIGHT N 96
			68	08	2 11 08	
			85	-09	3 17 15	
			96	-20	4 21 49	
			116	-40	5 25 22	
			118	-42	6 29 53	
			139	-63	7 33 13	
			165	-89	8 37 27	

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. 11 F. B. 2813 PG. 43
No. ____ Date ____ Date ____ Survey of Malibu Creek Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 5-15-64
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F. B. 2819 PG. 44

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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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.

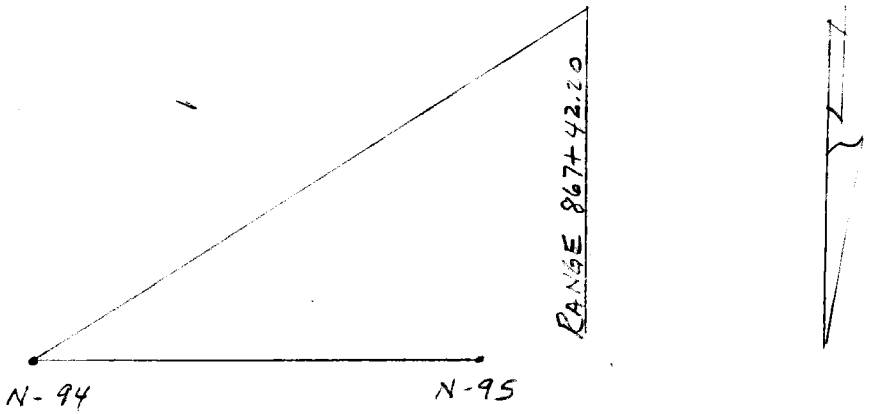
76-L-298 CE 307 5-66

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. _____ F. B. 2819 Pg. 45

X-Sec. No. _____ Date _____ Date _____ Survey of MALIBU HYDRO SURVEY

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 5-15-69

Date _____ Date _____ Map No. _____ Indexed [illegible] Date [illegible]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-94	N-95	10:11	1	313	05			
			2	314	06			
			3	314	58			
			4	316	01			
			5	317	09			
			6	318	20			
			7	319	26			
			8	320	42			
			9	321	43			
			10	322	49			
			11	324	15			
			12	325	25			
			13	326	36			
			14	327	40			
			15	328	45			
			16	329	51			
			17	330	44			
			18	331	18			
			19	332	32			
			20	333	40			

76L298 307 Cdb 12-62

F. B. 2819 PG. 46 Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ SAME Date _____ Date _____ No. _____

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

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

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 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.
			21	334	44			
			22	335	44			
			23	336	59			
			24	337	49			
			25	339	04			
			26	340	06			
			27	341	20			
			28	342	34			
			29	343	28			
			30	344	35			
			31	345	32			
		10:16	32	347	03			
			3					

76-L-298 CE 307 5-66

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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.		
			Sta 869+95.06			
	Sight on N-96				31°22' Lt	
[illegible]				10.71	T.P. Cont. from Sta 867+92.20	
[illegible]				4.99	T.P. [illegible] @ Sta Sand.	
				10.3	36' Rt. Bot. [illegible]	
				12.6	35' " Top "	
TBM #29				7.18	T.B.M. #29 El. 918 F.B. 3790-115 Bt. Spk in Pile @ S.W. Cor. Ho. #2100 (Near N-96)	
	1 74	6 73		4 99	T.P. 1x2 STA.	
			167		4 #1 27°-29'	⊼ AT N-95 SIGHT N96
			163	7	2 23 47	
			144	-77	3 21 28	
			130	-63	4 17 13	
			95	-28	5 13 09	
			76	-09	6 8 15	
			65	02	7 4 26	
			47	20	25 FT LEFT SAND	
			21	46	2 " " M.H.T. MEAN LOWER [illegible]	DATUM

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date 5-15-69
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F. B. [illegible] PG. 47

F. B. 2819 Pg. 48 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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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.

76-L-298 CE 307 5-66

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					
			21	340	30			
			22	341	25			
			23	342	14			
			24	343	06			
			25	343	49			
			26	344	41			
			27	345	19			
			28	346	23			
			29	347	01			
		10:28	30	348	26			

F. B. 2819 PG. 50 Job No. SAME Division No. Notes Red. Plotted Date No. Profile

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

Survey by Notes Date Checked Date No.

Indexed G. G. GALLI

76L298 307 Cdb 12-62

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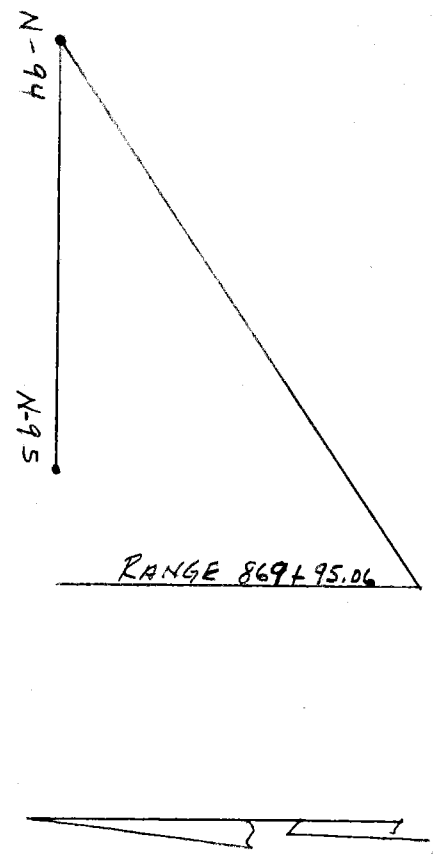
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH			DEG.	MIN.	
N-94	N-95	10:24	1	318	58			
			2	319	46			
			3	320	43			
			4	321	40			
			5	322	37			
			6	323	36			
			7	324	47			
			8	325	44			
			9	327	12			
			10	328	00			
			11	329	17			
			12	330	39			
			13	331	31			
			14	332	30			
			15	333	30			
			16	334	40			
			17	335	49			
			18	336	59			
			19	338	24			
			20	339	07			



Profile Notes Red.____ Plotted____ Job No. 03 00.02 Division No. 11 F.B. 2819 Pg. 49

No.____ Date____ Date____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd.____ Checked____ Survey by RICHARDS Notes DON Date 5-15-69

No.____ Date____ Date____ Map No.____ Indexed [redacted] GALL Date JUN 25 [redacted]

Notes Ck'd by	Survey of HYDROGRAPHIC SURVEY
Map No.	JN 0300.02 Tape — Std — °F
Office Work	Surveyed by RICHARDS
Checked	Notes HARRIET Date 5-15-69
Date	Indexed JUN 25 '69

F. B. 2819 PG. 51

TIDE GAGE READINGS
MAY 15, 1969
TIME – P.S.T.
DATUM – M.L.L.W.

TIME	TIDE
6:00	1.7
6:30	2.3
7:00	2.6
7:30	3.1
8:00	3.3
8:30	3.6
9:00	3.6
9:30	3.6
10:00	3.5
10:30	3.4
11:00	3.1
11:30	2.7
12:00	2.5
12:30	2.2
1:00	2.0
1:30	2.0
2:00	1.9

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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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-68

F. B. 2819 PG. 52

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76-L-298 CE 307 5-66

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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.		
			Sta 872+73.43			
		SIGHT on N-97			57° 37' Lt.	
T.B.M. #29				9.18	TBM #29 El. 9.18 (Cont.)	
T.P.				3.78	T.P. Chist RK @ Sta. Rocks.	
				11.6	66' Rt Rocks.	
T.P.				9.68	T.P. on RK T.P. only	
					⊼ AT N-95 SIGHT ON N-96	
—	2 68	6 46 5		3 78	T.P. "X" AT STA.	
			1 9	4 6	13 FT. RIGHT M.H.T.	
			4 6	1 9	25 FT LEFT	
			5 7	0 8	∡ #1 6° 45'	
			6 1	0 4	2 8 07	
			8 6	-2 1	3 11 16	
			9 5	-3 0	4 13 51	
			12 0	-5 5	5 16 39	
			13 3	-6 8	6 18 36	
			13 3	-6 8	7 20 50	
			13 3	-6 8	8 22 09	

DATUM
MEAN LOWER L... ...TER

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

F.B. 2819 PG. 53

F. B. 2819 PG. 54 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chk'd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

PLEASE RETURN TO

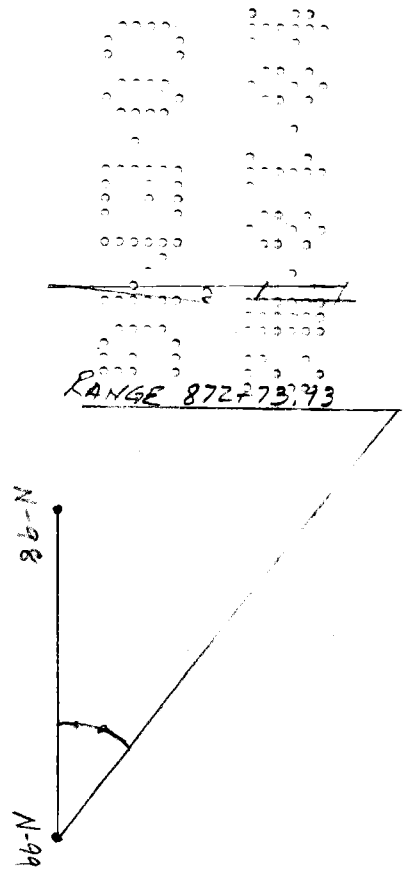
LOS ANGELES COUNTY SURVEYOR

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					
N-99	N-98	7:36	1	18	30			
			2	17	58			
			3	16	61			8727436
			4	16	35			
			5	15	59			
			6	15	25			8727438
			7	14	42			
			8	14	11			
			9	13	34			8727440
			10	12	55			
			11	12	15			
			12	11	31			8727442
			13	11	02			
			14	10	16			
			15	09	35			8727444
			16	08	51			
			17	08	04			
			18	07	15			8727446
			19	06	41			
			20	05	48			
			21	05	17			8727448



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

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

Survey by ____ Date ____ Notes ____ Date 5 16 69

Map No. ____ Date ____ Indexed ____ Date ____

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 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					
			22	04	53			
			23	04	11			
			24	03	30			8727450
			25	03	11			
			26	02	31			
			27	01	54			8727452
			28	01	27			
			29	01	-13			
			30	01	-46			8727454
Deviation from control line		7:41	31	01	-55			
				01	-55			
				01	-55			8727456
				00	00			
				00	00			
				00	00			8727458
				51	37			
				00	00			
				00	00			8727460
				00	00			
				00	00			8727462

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. SAME

Job No. Notes Date

F. B. 2813 Pg. 56

Survey of

Survey by

Indexed

76-L-298 CE 307 5-66

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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.		
			STA 875+79.54			
		Sight on N-98			86°03' Lt	
T.P.				9.63	T.P. Cont. from STA. 872+73.93	
T.B.M. #31				9.85	T.B.M. #31 El. 9.85 [illegible] in Conc. [illegible]	
T.P.				12.78	T.P. P.K. "Top Conc. Sea Wall (Sealine Cafe)	
	1 68	6 98		5.30	10' Lt. Bot Rk & Conc. Sea Wall 1'x[illegible]	
			46	1 4	25 " Rocks	⊼ AT 879+66 SIGHT ON N 98
			60	10	45 FT LEF	
			90	-20	100	
			110	-40	∡ #1 12° 24'	
			128	-58	2 16 29	
			128	-58	3 20 25	
			138	-68	4 25 30	

MEAN LOWER LOW WATER DATUM

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F. B. ____ Pg. ____
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 2819 Pg. 58 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

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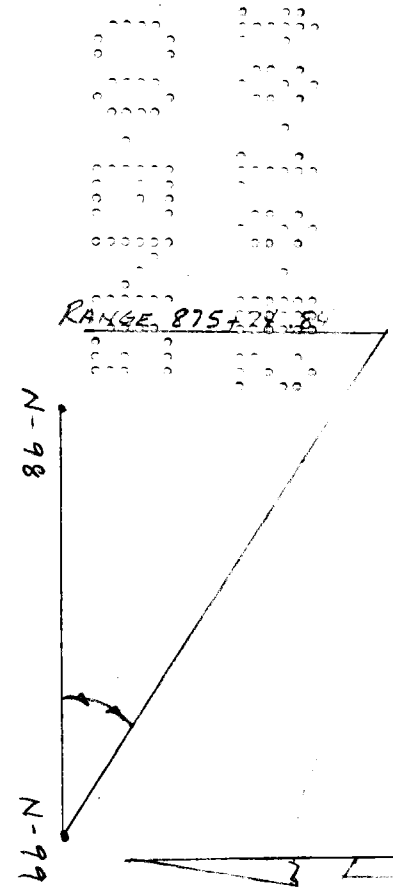
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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.	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-99	N-98	7:55	1	22	30			
		P.S.T.	2	27	07			
			3	21	35			8757532
			4	20	46			
			5	20	10			
			6	19	43			8757534
			7	19	04			
			8	18	34			
			9	18	05			8757536
			10	17	30			
			11	17	01			
			12	16	37			8757538
			13	15	47			
			14	15	15			
			15	14	33			8757540
			16	13	59			
			17	13	25			
			18	12	28			8757548
			19	11	36			
			20	10	50			
			21	10	09			8757550



Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2810 Pg. 50

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of MALIBU HYDRO SUBDIV. Survey by RICHARDS Notes DON Date 5-16-69 Map No. ____ Indexed ____ Date ____

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 LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
			22	09	16			
			23	08	30			
			24	07	53			8757552
			25	07	16			
			26	06	46			
			27	06	29			8757554
			28	05	45			
			29	05	20			
			30	04	28			8757556
			31	03	53			
			32	03	15			
			33	02	37			8757558
		8:00	34	01	48			
				00	00			
				00	00			8757560
				00	00			
				00	00			
				00	00			8757562

F. B. 2819 PG. 60

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

Survey of Date Date No. X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed C. D. GALLI Date Date No.

76-L-298 CE 307 5-66

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. N-98 877+79.84

STATION	B. S.	H. I.	F. S.	ELEV.		
			STA. 878 + 26.99			
	Sight on		N-99		105° 15' Lt	
T.B.M. #31				9.8[illegible]	T.B.M. #31 El. 9.85 (Cont)	
T.P.				6.3[illegible]	T.P. 1"x2" @ STA. [illegible]	
				9.0	35' Rt. [illegible]	
				9.[illegible]	55' Rt. [illegible]	
T.P.				[illegible]	T.P. only	
					⊼ AT 879+66°	SIGHT ON N-98
	106	738		6 32	T.P. 1x2 @ STA.	
		4	164	-90	⊼ #1 49° 16'	
			148	-74	2 44 35	
			132	-58	3 40 15	
			116	-42	4 36 24	
			97	-23	5 32 28	
			85	-11	6 26 18	
			58	16	7 14 24	
			28	46	13 FT LEFT M.H.T.	

MEAN [illegible] WATER DATUM

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. ____ Pg. 61
No. ____ Date ____ Date ____ Survey of Malibu Creek-Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes AC Date 5-16-19
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 2 5 19

F. B. 2819 PG. 62

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

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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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.

76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

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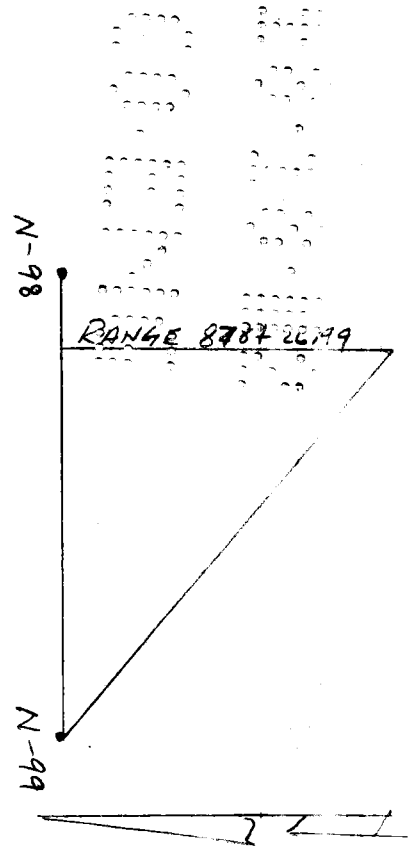
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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.	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-99	N-98	8:08	1	23	20			
			2	22	27			
			3	21	36			8782730
			4	20	40			
			5	19	57			
			6	19	21			8782732
			7	18	42			
			8	18	00			
			9	17	15			8782734
			10	16	33			
			11	15	51			
			12	15	14			8782736
			13	14	43			
			14	13	55			
			15	13	27			8782738
			16	12	39			
			17	12	02			
			18	11	21			8782740
			19	10	44			
			20	10	14			
			21	09	48			8782742



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 2819 PG. 63

No. Date Date Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes DON Date 5-16-69

No. Date Date Map No. Indexed Date

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.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
			22	09	10			
			23	08	37			
			24	07	57			8782744
			25	07	17			
			26	06	49			
			27	06	10			8782746
			28	05	30			
			29	05	05			
				04	33			8782748
		8:13		04	18			
				00	00			
				00	00			8782750
				00	00			
				00	00			
				00	00			8782752

F. B. 2819 PG. 64

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

Survey of Date Date No. X-Sec.

Survey by Notes Chkd. Checked

Indexed G.D. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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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.		
			Sta 880+86.12			
	Sight on N-99				105°15' Lt.	
T.P.				1144	T.P. Cont Fixed Sta. 878+26.79	
T.P.				867	T.P. 1"x2" @ Sta	
				12.9	31' Rt. Brk. Sand	
				13.4	55' Rt. Bot. Conc. Wall	
				25.4	55' Rt. Top " "	
					⊤ AT 879+66	SIGHT ON N 99
	9 37	9 04		867	T.P. 1x2 @ STA FLUSH	
			44	46	26 FT LEFT M.H.T.	
			64	24	4 #1 20° 43'	
			102	-12	2 37 28	
			108	-18	3 58 48	
			131	-41	4 68 57	
			156	-56	5 78 02	
		Estim.	197	-107	6 82 36	

MEAN ... DATUM ... WATER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. ____ Pg. 65
No. ____ Date ____ Date ____ Survey of Malibu Area Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Curtis Notes A.C. Date 5 16 69
No. ____ Date ____ Date ____ Map No. ____ Indexed C.L. GALLI Date JUN 25 69

F. B. 2819 PG. 66

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

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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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 5-66

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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					
			22	08	55			
			23	08	08			
			24	07	41			8808642
			25	07	07			
			26	06	34			
			27	05	54			8808644
			28	04	60			
			29	04	07			
		8:30	30	03	30			8808646
				00	00			
				00	00			
				00	00			8808648

F. B. 2819 PG. 68

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

Survey of Date Date No. X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed C. J. GALL Date Date No.

76L298 307 Cdb 12-62

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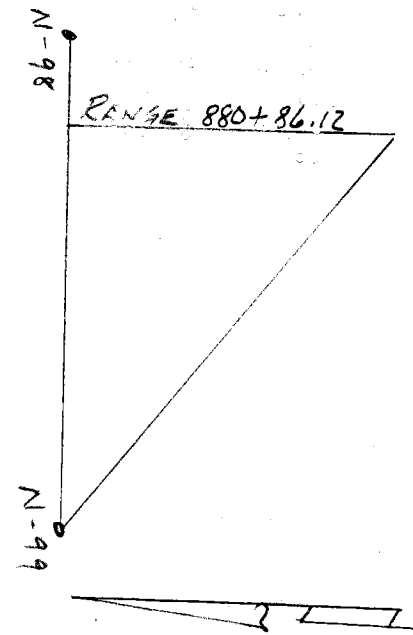
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
N-99	N-98	8:25	1	23	45			
			2	23	12			
			3	22	26			8808628
			4	21	45			
			5	20	58			
			6	20	18			8808630
			7	19	32			
			8	18	39			
			9	17	59			8808632
			10	17	11			
			11	16	02			
			12	15	25			8808634
			13	14	46			
			14	14	00			
			15	13	20			8808636
			16	12	35			
			17	12	04			
			18	11	20			8808638
			19	10	21			
			20	10	02			
			21	09	14			8808640



Profile Notes Red. ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 2819 Pg. 67

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 5-16-69

No. ____ Date ____ Date ____ Map No. ____ Indexed C.L. GALLI Date JUN 25 '69

76-L-298 CE 307 5-66

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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.				
			STA. 883 + 45.25					
	Sight on N-99				105°15' Lt			
				8.67	T.P. Cont from Sta. 880+86.12			
T.P.				7.28	T.P. 1"x2" @ Sta.			
				12.5			42' Rt. Brk. Sand	
				12.1			54' Rt. Brk. "	
				15.0			79' Rt. Sand	
T.B.M. #32				14.33	T.B.M. #32 El. 14.33 F.B. 377 pg 15 Bt. spk. in Pile S.W. Cor. Ho. #2234			
					T AT 879+66		SIGHT ON N99	
	041	7.69		7.28	T.P. 1x2 AT STA.			
			163	-8.6	X #1	41°	59'	
			111	-3.4	2	36	06	
			120	-4.3	3	27	40	
			107	-3.0	4	24	16	
			88	-1.1	5	17	21	
			82	-0.5	6	13	45	
			66	1.1	7	8	46	
			31	4.6	20 FT LEFT M.H.T.			

MEAN DATUM
OVER L ... TER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of Rancho Cucamonga Road Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes F.C. Date 5-16-
No. ____ Date ____ Date ____ Map No. ____ Indexed C.B. Date JUN 25 '66

F. B. 2819 Pg. 69

F. B. 2819 PG. 70 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

76-L-298 CE 307 5-66

PLEASE RETURN TO
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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.

76L298 307 Cdb 12-62

PLEASE RETURN TO

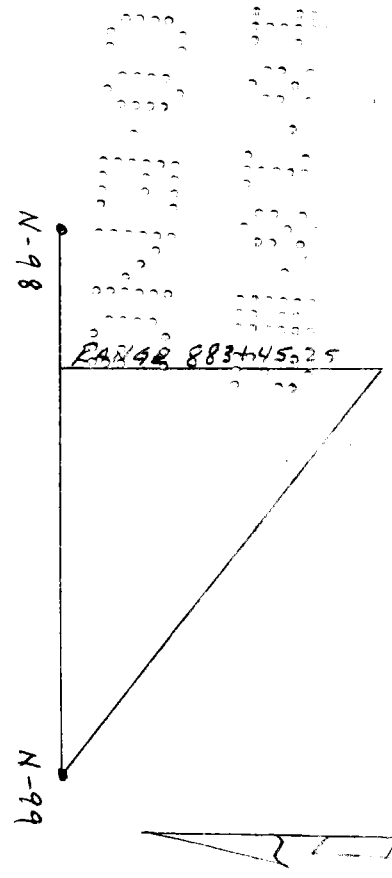
LOS ANGELES COUNTY SURVEYOR

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					
N-99	N-98	9:18	1	25	48			
			2	24	53			
			3	24	17			8834530
			4	23	14			
			5	22	27			
			6	21	35			8834532
			7	20	30			
			8	19	50			
			9	18	41			8834534
			10	17	53			
			11	17	00			
			12	16	23			8834536
			13	15	29			
			14	14	51			
			15	14	10			8834538
			16	13	35			
			17	12	52			
			18	11	56			8834540
			19	11	23			
			20	10	30			
			21	10	02			8834542



Profile Notes Red. Plotted Job No. 2300.02 Division No. 11 F. B. 7810 Pg. 71

No. Date Date Survey of MALIBU 4YD20 SURVEY

X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes DBN Date 5-16-69

No. Date Date Map No. Indexed Date

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 LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
			22	09	00			
			23	08	17			
			24	07	13			8834544
			25	06	26			
			26	05	26			
		9:23	27	04	28			8834546
				00	00			
				00	00			
				00	00			8834548
				04	42			
				12	00			
				14	26			8860408
				20	00			
				25	03			
				29	38			8860410
				30	40			
				00	00			
				00	00			8860412
				00 00	00 00			
				00	00			8860414

F. B. 2819 PG. 72

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

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI Date Date No.

76-L-298 CE 307 5-66

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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.		
					STA 886+04.38	
	Sight on N-99				105°15' Lt	
T.P.				7.28	T.P. Cont from STA. 883+45.25	
T.P.				6.95	T.P. 1'x2" @ STA.	Sand
				11.7	50' Rt. BRK. Sand	
				15.0	74' Rt. Sand.	
					⊼ AT 880+86.12	SIGHT N 99
	0 43	6 88 9		6 45	T.P. 1X2 @ STA.	
			0 8	6 1	℄ SAND	
			2 3	4 6	14 FT LEFT	M.H.T.
			4 7	2 2	⊼ #1 4° 42'	
			7 8	-0 9	2 12 00	
			8 3	-1 4	3 14 26	
			11 7	-4 8	4 20 00	
			12 4	-5 5	5 25 03	
			13 0	-6 1	6 29 38	
		ESTIM.	19 0	-12 1	7 30 40	

DATUM
ME[illegible] LOWER [illegible] WATER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. ____ PG. 73
No. ____ Date ____ Date ____ Survey of Malibu Area Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes AC Date 5-16-69
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F. B. 2819 PG. 74

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

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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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 5-66

76L298 307 Cdb 12-62

PLEASE RETURN TO

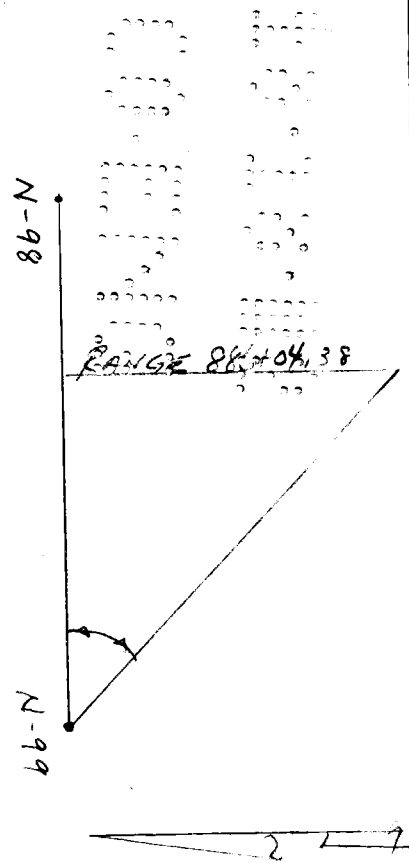
LOS ANGELES COUNTY SURVEYOR

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					
N-99	N-98	9:31	1	30	08			
			2	29	14			
			3	28	13			8860430
			4	27	33			
			5	26	46			
			6	25	37			8860432
			7	24	31			
			8	23	34			
			9	22	40			8860434
			10	21	36			
			11	20	43			
			12	19	53			8860436
			13	18	58			
			14	18	20			
			15	17	25			8860438
			16	16	40			
			17	15	47			
			18	15	02			8860440
			19	14	18			
			20	13	18			
			21	12	50			8860442



Profile Notes Red. Plotted Job No. 0300.82 Division No. 11

No. Date Date Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes DON Date 5-16-69

No. Date Date Map No. Indexed Date

F. B. 2819 Pg. 75

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. Deg.	Angle Min.	For Office Use Only		
						Range Line		Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch			Deg.	Min.	
			22	11	45			
			23	10	57			
			24	10	13			8860444
			25	09	07			
			26	07	44			
		4:36	27	06	51			8860446
			~~28~~	00	00			
				00	00			
				00	00			8860448

Profile ____ No. ____ X-Sec. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. ____ Job No. SAME

Notes ____ Date ____

Survey of ____

Survey by ____

Indexed ____

F. B. 2819 Pg. 76

76-L-298 CE 307 5-66

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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.		
			Sta. 888	+63.51		
	SIGHT on		N-99		105°15' Lt	
T.P.				6.45	T.P. Cont. from 886+04.38	
T.P.				5.8	T.P. 1"x2" @ Sta. Sand	
				11.5	50' Rt. Brk	
				11.9	63 Rt. Bot. Brk	
				15.[illegible]	77 Rt Top Brk.	
					⊼ 880+86.12 SIGHT ON N 99	
	0 87	6 75		5 88	T.P. 1X2 @ STA. FLUSH	
			165	-87	∡ #1 23° 00'	
			132	-64	2 18 21	
			118	-50	3 15 49	
			98	-30	4 12 02	
			80	-12	5 9 46	
			82	-14	6	
			66	02	7 6 41	
			62	06	8 5 30	
			48	20	9 3 01	
			22	4.6	13 FT LEFT M.H.T.	

MEAN [illegible] DATUM [illegible] ...TER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. [illegible] PG. 77
No. ____ Date ____ Date ____ Survey of Malibu Area - Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 6-16-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date JUL 25 '69
C. L. GALLI

F. B. 2819 PG. 78 | Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

76-L-298 CE 307 5-66

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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.

76L298 307 Cdb 12-62

PLEASE RETURN TO

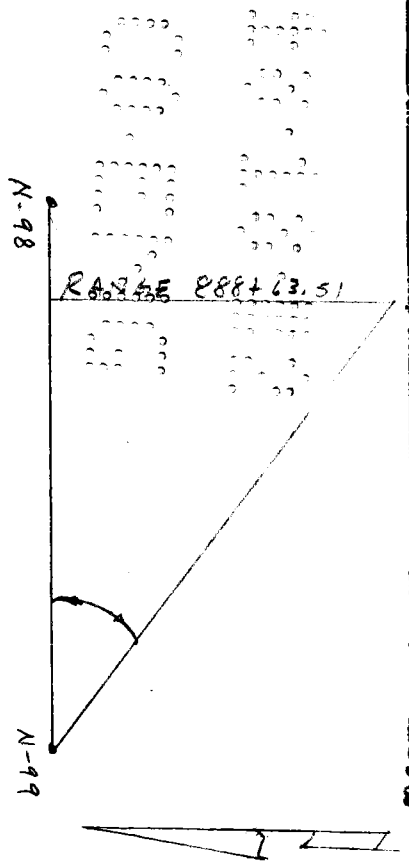
LOS ANGELES COUNTY SURVEYOR

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.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-99	N-98	9:44	1	32	02			
			2	31	00			
			3	30	15			8886430
			4	29	14			
			5	28	12			
			6	27	11			8886432
			7	26	02			
			8	24	40			
			9	23	20			8886434
			10	22	30			
			11	21	23			
			12	20	28			8886436
			13	19	22			
			14	18	44			
			15	17	43			8886438
			16	16	55			
			17	15	48			
			18	15	06			8886440
			19	14	19			
			20	13	22			
			21	12	29			8886442



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2819 Pg. 79

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 5-16-69

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GAILL Date [illegible]

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					
			22	11	43			
			23	10	42			
			24	09	58			8886444
			25	08	51			
			26	08	13			
		9:48	27	07	15			8886446
				00	00			
				00	00			
				00	00			8886448

F. B. 2819 PG. 80

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

Survey of ____ Date ____ Date ____ No. ____

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

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

76-L-298 CE 307 5-66

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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.		
			STA. 891+22.64			
	SIGHT ON N-99				105° 15' Lt.	
T.P.				5.83	T.P. CONT. from STA. [illegible]	
T.P.				6.20	T.P. 1"X2" @ STA. [illegible]	
				11.3	50' Rt. BRK. [illegible]	
				12.1	70' Rt. BOT BRK. "	
				15.2	80' Rt. Top " "	
					⊼ 880+86.12	SIGHT N 99
	125	745		620	T.P. 1X2 @ STA.	
			16	58	℄ SAND	
			28	46	11 FT LEFT M.H.T	
			46	28	4 1 1° 40'	
			69	05	2 3 24	
			73	01	3 4 47	
			89	-15	4 7 09	
			129	-55	5 10 03	
			146	-72	6 14 08	
			175	-101	7 16 18	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. 2819 Pg. 84
No. ____ Date ____ Date ____ Survey of Malibu Area Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes AC Date 5-16-69
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F. B. 2819 PG. 82

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

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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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.

76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

PLEASE RETURN TO

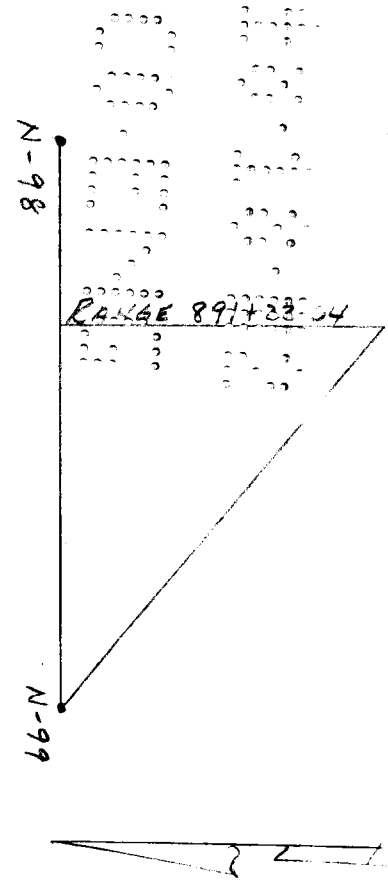
LOS ANGELES COUNTY SURVEYOR

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.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-99	N-98	9:57	1	37	03			
			2	36	14			
			3	35	23			8912330
			4	34	44			
			5	33	51			
			6	32	57			8912332
			7	32	07			
			8	31	17			
			9	30	04			8912334
			10	29	10			
			11	28	04			
			12	27	05			8912336
			13	26	02			
			14	25	11			
			15	24	26			8912338
			16	23	29			
			17	22	31			
			18	21	27			8912340
			19	20	40			
			20	19	40			
			21	18	56			8912342



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2819 Pg. 83

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 5-16-69

No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

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					
			22	18	10			
			23	17	05			
			24	16	37			8912346
			25	15	17			
			26	14	23			
			27	13	12			8912348
			28	12	15			
			29	11	23			
			30	09	59			8912350
			31	09	25			
		10:02	32	07	43			
				00	00			8912352
				00	00			
				00	00			
				00	00			8912354

F. B. 2819 PG. 84

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

Survey of Date Date No. X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed C.D. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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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.		
			Sta. 893 + 81.77			
	Sight on N-99				105°15' Lt	
T.P.				6,20	T.P. Cont from Sta. 891+22.64	
T.P.				6,23	T.P. 1"x2" @ Sta.	
				11,3	53' Rt. Brk Sand	
				12,3	29' Rt. Sand	
T.B.M. #34.				15,38	T.B.M. #34 El. 15.38 F.B. 3770-116 1/2" I.P. 5' So. Conc. Blk Wall @ Rec. Center	
					⊼ 880 + 86.12	SIGHT N 99
	0 36	6 64		6 28	1x2 @ STA.	
				6 2	℄ SAND	
			160	-9 4	∡ #1 13° 02'	
			120	-5 4	2 10 30	
			90	-2 4	3 6 58	
			74	-0 8	4 5 22	
			57	0 9	5 2 44	
			31	3 5	27 FT LEFT	
			20	4 6	17 FT " M.H.T.	

MEAN LOW... ...ATER DATUM

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. ____ PG 85
No. ____ Date ____ Date ____ Survey of Malibu Area - Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 5-16-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 '69

F. B. 2819 PG. 86 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

76-L-298 CE 307 5.66

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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.

76L298 307 Cdb 12-62

PLEASE RETURN TO

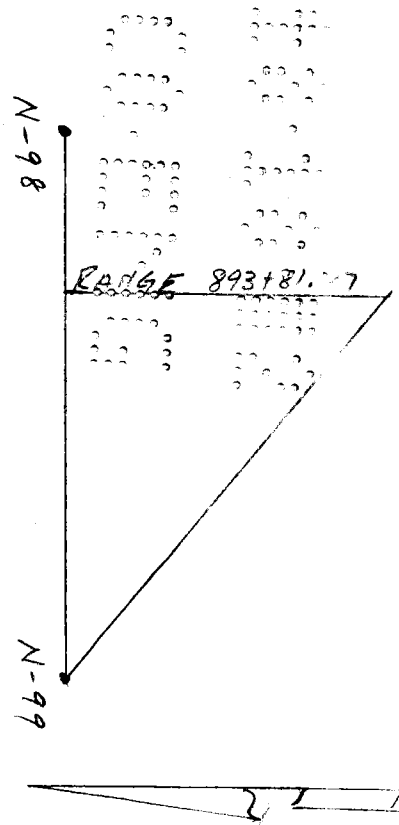
LOS ANGELES COUNTY SURVEYOR

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					
N-99	N-98	10:10	1	44	11			
			2	42	58			
			3	41	43			8938230
			4	40	42			
			5	40	08			
			6	39	03			8938232
			7	38	06			
			8	37	02			
			9	36	21			8938234
			10	35	24			
			11	34	11			
			12	33	01			8938236
			13	31	59			
			14	30	51			
			15	29	45			8938238
			16	28	43			
			17	27	35			
			18	26	18			8938240
			19	25	00			
			20	24	12			
			21	22	51			8938242



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2819 Pg. 87

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 5-16-69

No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date JUN 25 [illegible]

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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					
			22	21	33			
			23	20	50			
			24	19	33			8938246
			25	18	29			
			26	16	56			
			27	15	44			8938248
			28	14	26			
			29	12	58			
			30	11	49			8938250
		10:15	31	09	27			
				00	00			
				00	00			8938252
				00	00			
				00	00			
				00	00			8938254

F. B. 2819 Pg. 88

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

Survey of Date Date No. X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed D. J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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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.				
					STA. 896 + 40.90			
	SIGHT on N-99					105° 15' Lt.		
T.B.M. #34				15.33	T.B.M. #34 (Cont)			
T.P.				[illegible]	T.P. 1"x2 @ STA.			
				11.4				
				[illegible]				
				[illegible]				
					⊼ ON N99 SIGHT ON N98			
	117	768		651	T.P. 1x2 @ STA			
			10	67	SAND			
			31	46	20 FT LEFT M.H.T.			
			50	2.7	∡ #1	2°	59'	
			70	0.7	2	5	36	
			74	0.3	3	7	12	
			94	-17	4	9	05	
			111	-34	5	13	26	
			123	-46	6	15	08	
			140	-63	7	17	29	
			172	-95	8	19	47	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of Malibu Area Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F. B. [illegible] Pg. 89

F. B. 2819 PG. 90

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

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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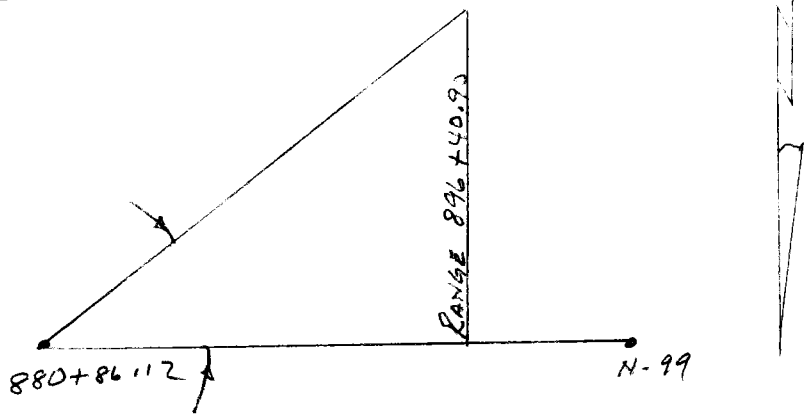
76-L-298 CE 307 5-66

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.02 Division No. _____ F. B. 2819 Pg. 91

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of MALIBU HYDRO SURVEY

Survey by RICHARDS Notes DON Date 5-16-69

Map No. _____ Indexed _____ Date _____



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
880+86.12	N-99	10:29	1	310	13			
			2	311	18			
			3	312	41			
			4	314	01			
			5	315	20			
			6	317	22			
			7	319	07			
			8	321	02			
			9	323	06			
			10	325	11			
			11	327	03			
			12	328	35			
			13	330	25			
			14	331	57			
			15	333	44			
			16	335	23			
			17	337	06			
			18	338	20			
			19	339	36			
			20	340	53			

76L298 307 Cdb 12-62

F. B. 2819 PG. 92

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

Survey of _____ SAME Date _____ Date _____ No. _____

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

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

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 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
			21	341	54			
			22	343	10			
			23	344	13			
			24	345	08			
			25	346	31			
			26	347	37			
			27	348	44			
			28	350	19			
			29	351	17			
			30	352	38			
			31	353	48			
		10:33	32	354	33			

76-L-298 CE 307 5-66

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.			
				STA. 899+00.03			
	Sight on N-99				105° 15' Lt		
				6.51	TP. [illegible]		
T.P.				7.59	TP. 1"x2" @ Sta. Sand		
				11.2	30' Rt. Brk. Sand		
				12.0	47' Rt.		
				14.4	55' Rt.		
T.P.				12.88	TP. Chist Top & End CM Pipe FB [illegible] @ S.E. [illegible] Ho# 21500 El. 12.88		
	0 44	8 03		7 59	T.P. 1x2 @ STA. FLUSH		
					⊼ AT N99 SIGHT ON N 98		
			182	-102	∡ #1	29°	12'
			147	-67	2	25	56
			133	-53	3	24	20
			122	-42	4	21	50
			112	-32	5	20	18
			102	-22	6	17	54
			80	00	7	12	22
			68	12	8	8	18
			34	46	30 FT LEFT M.H.T.		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 3300.02 Division No. 11 F.B. [illegible] Pg. 73
X-Sec. No. ____ Date ____ Date ____ Survey of Malibu Area Hyd. Survey
Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 5-16-69
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date JUN 25 [illegible]

F. B. 2819 PG. 94

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

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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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.

76-L.298 CE 307 5-66

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PLEASE RETURN TO

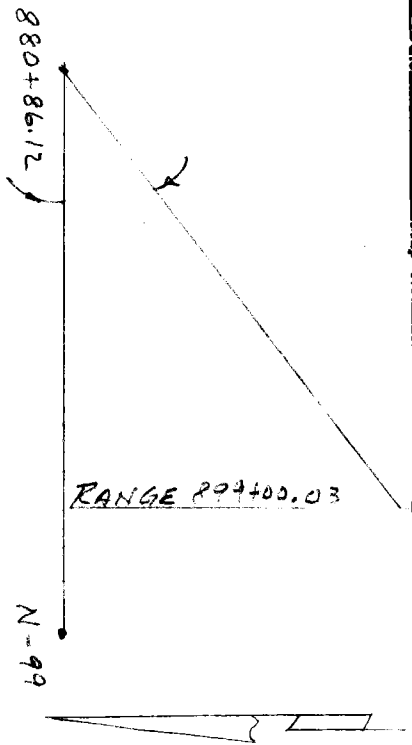
LOS ANGELES COUNTY SURVEYOR

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					
880+86.12	N-99	10:40	1	319	42	40	18	
			2	320	37	39	23	
			3	321	46	38	14	
			4	323	02	36	58	
			5	324	13	35	47	
			6	325	23	34	37	
			7	326	36	33	24	
			8	327	54	32	06	
			9	329	19	30	41	
			10	330	43	29	17	
			11	332	04	27	56	
			12	333	55	26	05	
			13	335	08	24	52	
			14	336	32	23	28	
			15	337	42	22	18	
			16	338	56	21	04	
			17	340	23	19	37	
			18	341	33	18	27	
			19	342	35	17	25	
			20	343	39	16	21	



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2819 PG. 95

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 5-16-69

No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

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					
			21	344	29	15	31	
			22	345	51	14	09	
			23	346	28	13	32	
			24	347	34	12	26	
			25	348	32	11	28	
			26	349	16	10	44	
			27	350	23	09	37	
			28	350	51	09	09	
			29	351	35	08	25	
			30	353	10	06	50	
		10:45	31	353	54	06	06	

F. B. 2819 PG. 96 Job No. SAME Division No. Notes Red. Plotted Profile

Survey of Date No.

Survey by Notes Chkd. Checked X-Sec.

Indexed B. L. GALLI Date Date No.

76-L-298 CE 307 5-66

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Do not extend notes this side of this line. N-99 903+62.01

STATION	B. S.	H. I.	F. S.	ELEV.		
		STA. 901+59.16				
	Sight on N-99				105°15' Lt.	
				7.59	T.P. Cont. from Sta.	
T.P.				9.54	T.P. 1"X2" @ Sta.	Sand
				12.1	31' Rt. B.T. Bk.	[illegible]
				14.0	40' Rt. Top "	"
T.B.M. #35				12.50	T.B.M. #35 El. 12.50 F.B. 3791-116 (N-99) Calif. State Land Comm. Mon. In Conc. Hd. Wall	
	1 06	10 60		9 54	T.P. 1X2 @ STA.	
			13	9 3	SAND	
	0 11	7 18 2	353	7 07		
					⊼ AT N 99	SIGHT ON N 98
			26	4 6	42 FT LEFT M.H.T.	
			53	1 9	∡ #1 7° 59'	
			70	0 2	2 24 42	
			78	-0 6	3 29 29	
			92	-2 0	4 34 45	
			104	-3 2	5 37 30	
			118	-4 6	6 41 23	
			140	-6 8	7 44 48	
			170	-9 8	8 46 55	

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 98 Pg. 97
No. ____ Date ____ Date ____ Survey of Malibu Mesa Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes [illegible] Date 5-16-49
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date [illegible]

F. B. 2819 Pg. 98

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

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

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76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

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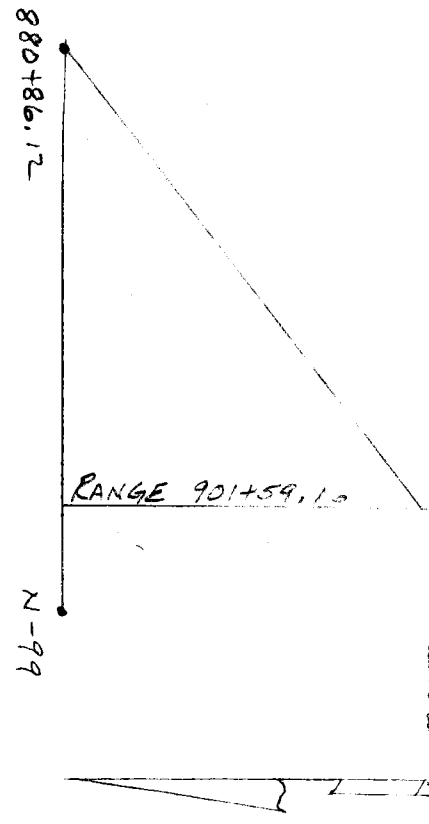
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
880+86	N-99	10:50	1	316	23			
			2	317	30			
			3	318	46			
			4	320	13			
			5	321	51			
			6	323	07			
			7	324	56			
			8	326	18			
			9	327	27			
			10	329	08			
			11	330	33			
			12	332	14			
			13	333	42			
			14	334	58			
			15	336	10			
			16	336	57			
			17	337	57			
			18	339	09			
			19	340	02			
			20	341	03			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2819 Pg. 99

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 5-16-69

No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
			21	342	10			
			22	342	52			
			23	344	15			
			24	345	06			
			25	346	09			
			26	347	09			
			27	348	04			
			28	348	54			
			29	349	34			
			30	350	31			
			31	351	22			
			32	352	18			
		10:55	33	353	29			
			~~34~~					

F. B. 2819 Pg. 100

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

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed D.D. GALLI Date Date Date No.

Notes Ck'd by	Survey of HYDROGRAPHIC SURVEY
Map No.	JN 2700-02 Tape ___ Std. ___ °F
Office Work	Surveyed by RICHARDS
Checked	Notes UHARRIET Date 5-16-69
Date	Indexed [illegible]

F. B. 2819 PG. 101

TIDE GAGE READINGS
MAY 16, 1969
TIME – P.S.T.
DATUM – M.L.L.W.

TIME	TIDE
6:00	0.7
6:30	1.3
7:00	1.9
7:30	2.4
8:00	2.7
8:30	3.0
9:00	3.3
9:30	3.4
10:00	3.4
10:30	3.4
11:00	3.3
11:30	3.1
12:00	2.8
12:30	2.6
1:00	2.4
1:30	2.3
2:00	2.2

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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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68

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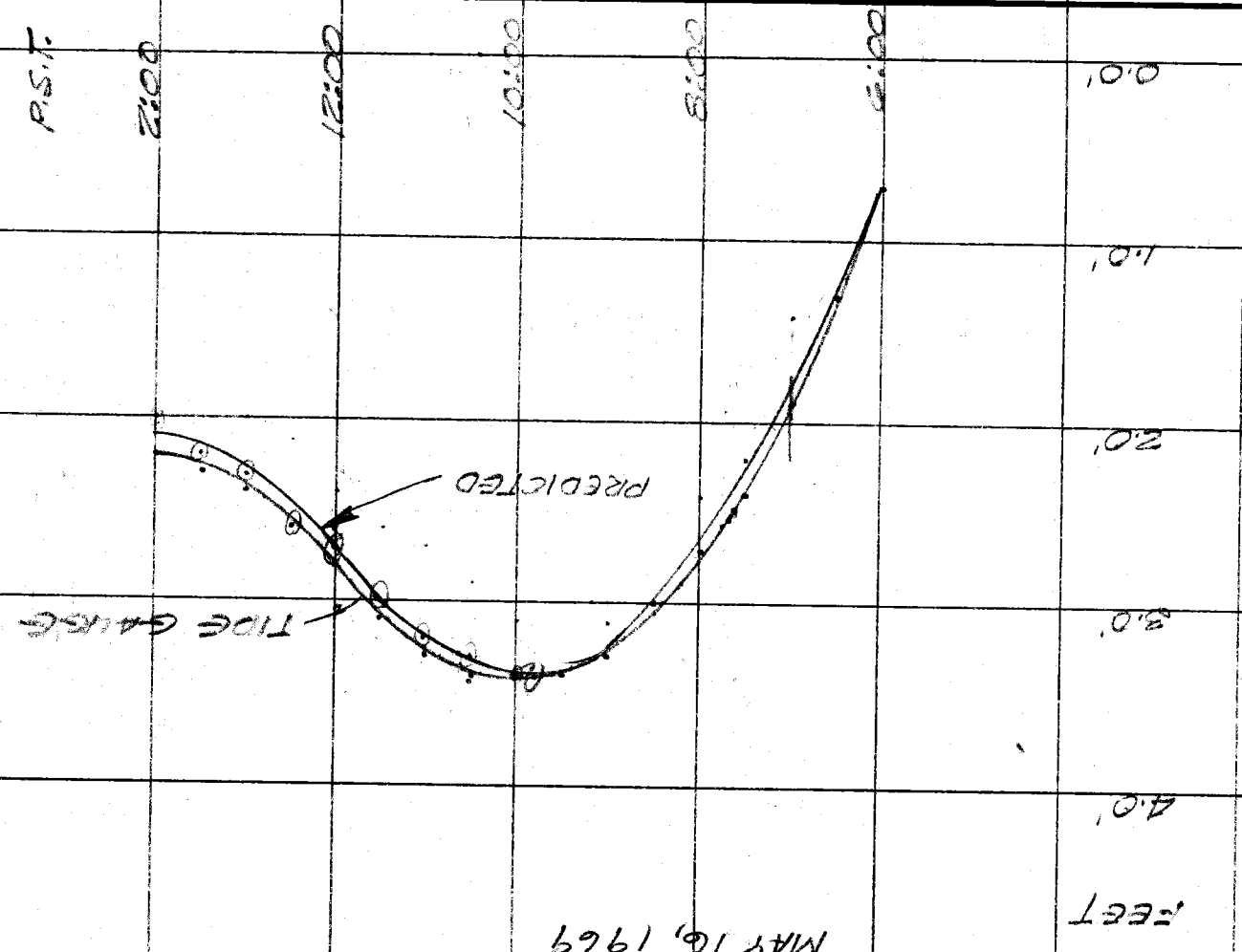

F. B 2819 PG. 102

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
						Ad # 2.1550
			STA. 904+16.36			
	Sight on N-100				92°31' Lt	
T.B.M. #35				12.50	T.B.M. #35 El 12.50 F.B. 3790-116 (N-99) STA. 903+6201, Calif. State Land Comm. Trav. Mon. Set in Top Conc. Hd. wall	
TP.				11.29	TP. 1"x2" @ STA. Sand.	
				14.2	39' Rt. Sand	
					⊼ AT N-100 SIGHT ON N-99	
	0 50	11 79		11 29	T.P. 1X2 @ STA.	
	2 22	7 82	6 19	5 60	T.P	
			3 2	4 6	53 FT LEFT M. H.T.	
			6 6	1 2	100 ft "	
			8 2	-04	∆ #1	7° 54
			9 5	-1 7	2	10 17
			1 3	-3 5	3	13 23
			13 3	-5 5	4	15 14
			15 2	-7 4	5	17 17
			17 8	-100	6	19 38

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300.03 Division No. 11 F.B. 2819 Pg. 103
Date ____ Date ____ Survey of Malibu Area Hyd. Sur.
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes SC Date 5-19-69
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 [illegible]

F. B. 2819 PG. 104 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

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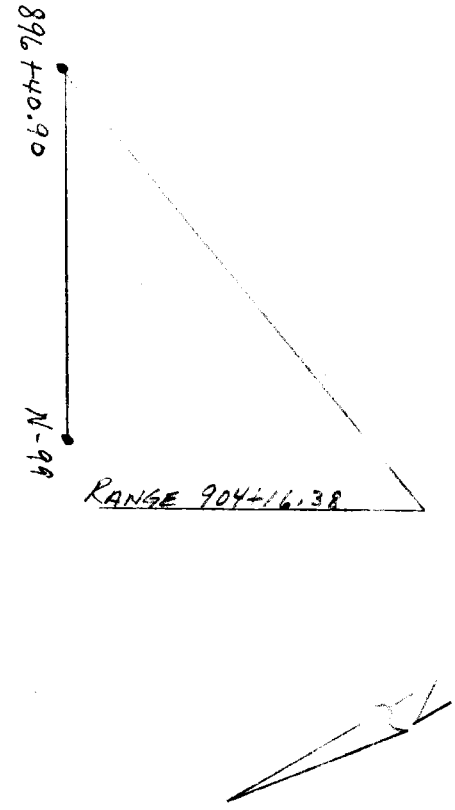
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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.	MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
896+41	N-99	8:08	1	282	17			
		P.S.T.	2	283	28			
			3	284	08			
			4	284	44			
			5	285	12			
			6	285	46			
			7	286	23			
			8	287	13			
			9	288	10			
			10	289	03			
			11	289	42			
			12	290	31			
			13	291	35			
			14	292	37			
			15	293	45			
			16	294	40			
			17	295	60			
			18	297	27			
			19	298	49			
			20	300	17			



Profile No.____ Notes Red.____ Plotted____ Job No. 0300.02 Division No. 11 F. B. 2812 Pg. 105

X-Sec. No.____ Date____ Notes Chkd.____ Date____ Checked____ Date____ Survey of MALIBU HYDRO SURVEY

Survey by RICHARDS Notes DON Date 5-19-69

Map No.____ Indexed [redacted] Date [redacted]

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Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
			21	301	42			
			22	303	01			
			23	304	38			
			24	306	23			
			25	308	09			
			26	309	59			
			27	311	51			
			28	313	42			
			29	315	29			
			30	317	53			
			31	319	53			
			32	321	49			
			33	323	37			
			34	326	04			
			35	328	18			
			36	331	32			
			37	333	53			
		8:14	38	337	32			
			39					

F. B. 2819 Pg. 106 Job No. SAME Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed [illegible] Date Date No.

76-L-298 CE 307 5-66

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~~Do not extend notes this side of this line.~~

STATION	B.S.	H.I.	F.S.	ELEV.	
					Sta 906+66.60
					Sight on N-100 92°31' Lt
T.P.				11.29	T.P. Cont. from Sta. 904+16.36
T.P.				7.69	TP 1"x2" @ Sta. Sand
				4.34	32 Rt. Sand
				12.0	12 Rt "
				~~13.0~~	30' Lt. Sand ~~1"x2"~~
					⊼ AT N 100 SIGHT N-99
	1 20	8 89		7 69	T.P. 1x2 @ STA.
	1 44	5 84	4 49	4 40	
		4 6	146	- 88	4 #1 22° 38'
			115	- 57	2 19 05
			96	- 38	3 15 39
			74	- 16	4 11 16
			60	- 02	5 8 15
			38	20	66 FT LEFT SAND
			12	46	23 FT.
			0 43	541	T.P. @ STA 909+16.84

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 2819 Pg. 107
No. ____ Date ____ Date ____ Survey of Mol. Bu Area Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 5-19-[illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F. B. 2819 Pg. 108 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

76-L-298 CE 307 5-66

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

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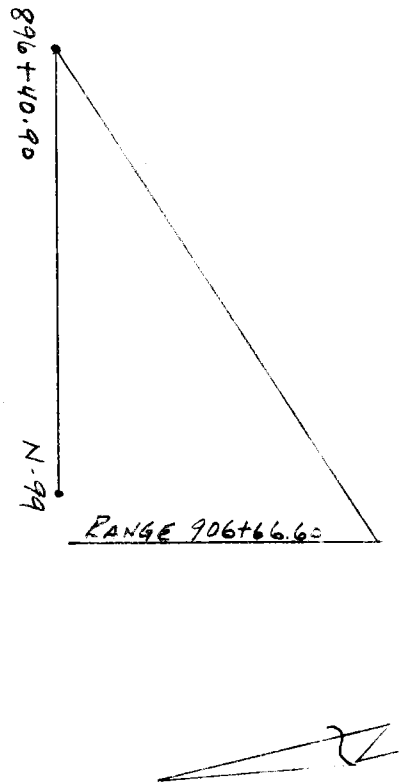
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend 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					
896+41	N-99	8:~~19~~ 25	1	291	51			
		P.S.T.	2	292	54			
			3	293	38			
			4	294	56			
			5	295	59			
			6	297	08			
			7	298	06			
			8	299	14			
			9	300	39			
			10	301	49			
			11	302	47			
			12	303	52			
			13	304	59			
			14	305	57			
			15	307	37			
			16	309	16			
			17	310	34			
			18	312	25			
			19	313	48			
			20	315	06			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.07 Division No. 11 F. B. 2210 Pg. 109

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

Survey by [redacted] Notes DAN Date 5-19-69

Map No. ____ Date ____ Indexed [redacted] Date [redacted]

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Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
			21	316	52			
			22	318	24			
			23	319	59			
			24	321	41			
			25	323	06			
			26	324	38			
			27	326	22			
			28	327	54			
			29	329	17			
			30	330	49			
			31	332	13			
			32	333	34			
			33	335	20			
			34	337	18			
			35	338	24			
			36	339	51			
		8:30	37	343	11			

F. B. 2819 PG. 110 Job No. SAME Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed D. L. GALLI Date Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					STA. 909+16,84	
	Sight on N-100				92°31' Lt.	
T.P.				7.69	T.P. Cont from STA. 906+66.60	
T.P.				[illegible]	T.P. 1"x2" @ STA. [illegible]	
				[illegible]	43 [illegible] Sand	
				12.6	60' [illegible] [illegible]	
					⊼ AT N100 SIGHT N-99	
	119	6 54		5 35	T.P. 1X2 STA.	
			19	46	4FT LEFT M.H.T	
			40	25	33 FT " SAND	
			60	05	∡ #1 8' 40'	
			76	-12	2 12 23	
			81	-16	3 13 29	
			91	-36	4 19 05	
			112	-56	5 23 56	
			136	-71	6 28 03	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 2819 Pg. 111
No. ____ Date ____ Date ____ Survey of Malibu Aera - Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes H.C. Date 5-19-69
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date JUN 25 [illegible]

F. B. 2819 Pg. 112 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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403 Los Angeles County Engineering Bldg.

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76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

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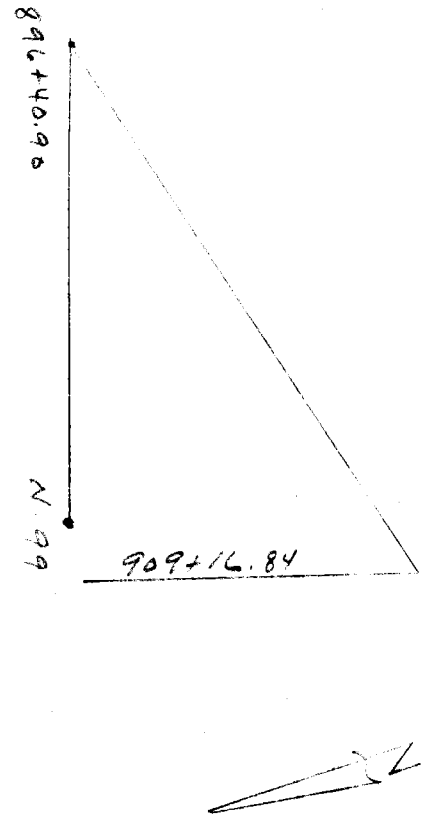
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
896+41	N-99	8:35	1	295	57			
			2	296	44			
			3	297	42			
			4	298	34			
			5	299	33			
			6	300	25			
			7	301	47			
			8	303	02			
			9	304	12			
			10	305	19			
			11	306	31			
			12	307	37			
			13	309 ~~308~~	06			
			14	311	13			
			15	312	23			
			16	313	46			
			17	315	22			
			18	316	46			
			19	318	08			
			20	319	37			



Profile No.____ Notes Red.____ Plotted____ Job No. 03000.02 Division No. 4

X-Sec. No.____ Date____ Date____ Survey of MALIBU HYDRO SURVEY

Notes Chkd.____ Date____ Checked____ Date____ Survey by RICHARDS Notes DONE Date 5-19-69

Map No.____ Date____ Indexed [redacted] Date [redacted]

F. B. 2919 Pg. 113

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					
			21	321	17			
			22	323	06			
			23	324	16			
			24	325	54			
			25	327	16			
			26	328	48			
			27	330	13			
			28	331	43			
			29	333	40			
			30	334	51			
			31	335	40			
			32	336	45			
			33	337	40			
			34	338	55			
			35	340	00			
			36	340	57			
			37	342	06			
			38	343	06			
		8:40	39	344	37			

F. B. 2819 Pg. 114

Job No. 5A176 Division No. Notes Red. Plotted Profile

Survey of Date Date No. X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed D.O. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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. N-100 913+92.77

STATION	B. S.	H. I.	F. S.	ELEV.		
			STA. 911+67.08			
	Sight		on N-100		92° 31' Lt.	
T.P.				5.35	T.P. Cont. from Sta 909+16.34	
T.P.				6.17	T.P. 1"x2" @ Sta.	Sand
				11.8	32' Rt	Brk.
				12.8	75' Rt	Bot Brk Sand
				16.3	77' Rt	Top " "
T.P.				12.11	T.P. only	
					π AT N-100 SIGHT N 99	
	0 26	6 45		6 19	T.P. 1x2	
		46	0 4	6 0	℄ SAND	
			1 4 5	-8 1	1 49° 49'	
			1 1 6	-5 2	2 44 21	
			7 2	-0 8	3 33 29	
			6 3	0 1	4 24 58	
			6 0	0 4	5 17 51	
			4 9	1 5	50 FT LEFT	
			1 8	4 6	11 FT " M.H.T	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. 2819 Pg. 115
No. ____ Date ____ Date ____ Survey of Malibu Area - Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 5-19-69
No. ____ Date ____ Date ____ Map No. ____ Indexed R. L. GALLI Date JUN 25 [illegible]

F. B. 2819 PG. 116 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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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.

76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

PLEASE RETURN TO

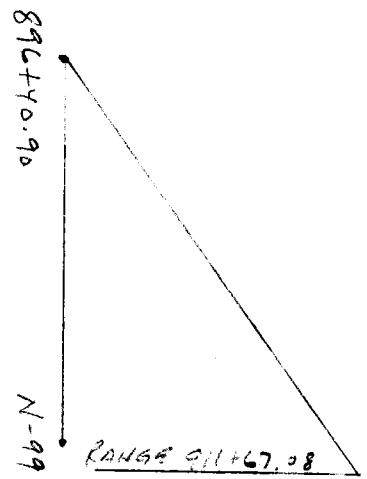
LOS ANGELES COUNTY SURVEYOR

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					
896+41	N-99	8:45	1	306	06			
			2	307	11			
			3	308	17			
			4	309	17			
			5	310	47			
			6	312	09			
			7	313	40			
			8	315	19			
			9	316	27			
			10	317	32			
			11	318	48			
			12	319	58			
			13	321	03			
			14	322	10			
			15	323	41			
			16	325	01			
			17	326	23			
			18	327	53			
			19	329	25			
			20	330	38			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2333.02 Division No. ____

X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by BLUM & DOE Date 5-19-69

Notes Date ____ Map No. ____ Date ____ Indexed ____ Date JUN 25 [redacted]

F. B. 2819 Pg. 117

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					
			21	331	55			
			22	332	58			
			23	334	02			
			24	335	23			
			25	336	22			
			26	337	32			
			27	338	36			
			28	339	46			
			29	340	53			
			30	342	02			
			31	343	41			
			32	344	23			
		8:50	~~33~~	~~344~~	~~15~~	?		

F. B. 2819 Pg. 118 Job No. SAME Division No. Notes Red. Plotted Profile

Survey of Notes Date Date No. X-Sec.

Survey by Notes Chkd. Checked

Indexed [illegible] Date Date No.

76-L-298 CE 307 5-66

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. N-100 913+92.79 N-101 917+57.87

STATION	B. S.	H. I.	F. S.	ELEV.		
			STA. 914+27.67			
	Sight on N-101				44°39' Lt	
T.B.M. #37				17.67	T.B.M #37 El. 17.67 F.B. 3790-117 (N-100) STA 913+92.79 Lt @ C.E. Tag - So. Curb of P.C. Hi-way.	
T.P.				12.11	T.P. only	
T.P.				10.75	T.P. Chis "+" Rock - @ STA.	
				17.4	10' Rt. Top Brk P.C. Hi-way	
				7.4	9' Lt. Bot Brk. Rocks & Sand.	
TP	180	616		4.36	40' Lt 1"x2" Sand. T.P.	
					⊼ AT 911+67.08 SIGHT N-100	
			51		67 FT LEFT SAND	
			16	46	37 " " M.H.T.	
			66	-04	1 29 26	
			78	-16	2 34 35	
			92	-30	3 39 58	
			111	-49	4 45 50	
			137	-75	5 51 24	
			149	-87	6 54 42	
		(?)	139	-77	7 57 52	
			160	-98	8 59 32	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 2819 PG. 119
X-Sec. No. ____ Date ____ Date ____ Survey of Malibu Area - Hyd. Survey
Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date 5-19-69
Date ____ Date ____ Map No. ____ Indexed C.L. GALL Date JUN 25 69

F. B. 2819 PG. 120 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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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.

76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

PLEASE RETURN TO

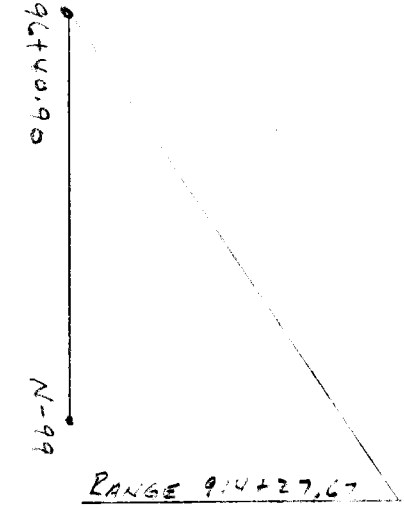
LOS ANGELES COUNTY SURVEYOR

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					
896+41	N-99	8:55	1	306	00			
			2	306	54			
			3	308	03			
			4	309	04			
			5	309	59			
			6	310	48			
			7	311	43			
			8	312	48			
			9	313	47			
			10	314	39			
			11	315	53			
			12	316	55			
			13	318	00			
			14	319	18			
			15	320	30			
			16	321	40			
			17	323	00			
			18	324	17			
			19	325	42			
			20	327	22			



Profile Notes Red. ____ Plotted ____ Job No. 0300.07 Division No. 11 F. B. 2819 Pg. 121

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 5-19-69

No. ____ Date ____ Date ____ Map No. ____ Indexed [redacted] Date [redacted]

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					
			21	328	26			
			22	329	24			
			23	330	30			
			24	331	34			
			25	332	43			
			26	333	40			
			27	334	30			
			28	335	17			
			29	336	09			
			30	336	49			
			31	337	43			
			32	338	25			
			33	339	16			
			34	339	51			
			35	340	36			
		9:00	36	~~341~~	~~36~~ ?			

F. B. 2819 PG. 122

Job No. SA 176 Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed G. J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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. N-101 917+57.87

STATION	B. S.	H. I.	F. S.	ELEV.		
					STA 917+76.09	
					SIGHT ON N-102	99° 49' Lt
TBM #38				7.03	TB.M #38 El. 703 F.B. 3790-117 (N-101) STA.-917+57.87-L& CE. TAG IN ROCK	
T.P.				4.36	T.P. [illegible]	
T.P.				5.85	T.P. 1"x2" @ STA [illegible]	
				10.1	37' [illegible]	
				11.4	72' [illegible]	
[illegible]				7.[illegible]	T.P. only	
					⊼ 911+67.08	SIGHT N-100
	0 82	6 67		5 85	T.P. 1x2 STA.	
			12	5 5	℄ SAND	
			159	-9 2	∡ #1 47° 03'	
			140	-7 3	2 44 24	
			145	-7 8	3 43 09	
			119	-5 2	4 41 46	
			107	-4 0	5 38 08	
			89	-2 2	6 35 45	
			49	1 8	25 FT LEFT ROCK & SAND	
			21	4 6	14 FT " M.H.T	

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2819 Pg. 123
No. ____ Date ____ Date ____ Survey of Malibu Area Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 5-19-69
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] GALLI Date JUN 25 '69

F. B. 2819 PG. 129 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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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.

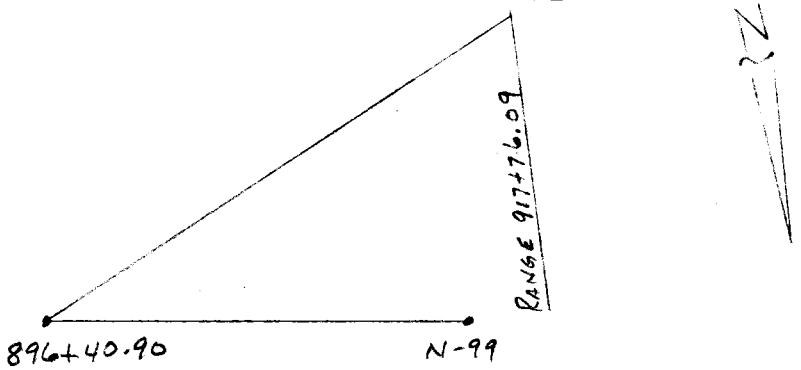
76-L-298 CE 307 5-66

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 | F. B. 2819 Pg. 125

Date _____ Date _____ Survey of MALIBU HYDRO SURVEY

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

Date _____ Date _____ Map No. _____ Indexed [illegible] GALLI Date JUN 25 [illegible]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
896+41	N-99	9:22	1	310	20			
			2	311	31			
			3	312	46			
			4	314	02			
			5	315	11			
			6	316	25			
			7	317	45			
			8	318	54			
			9	319	57			
			10	320	60			
			11	322	14			
			12	323	26			
			13	324	37			
			14	325	56			
			15	327	08			
			16	328	19			
			17	329	26			
			18	330	18			
			19	331	23			
			20	332	20			

76L298 307 Cdb 12-62

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. 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	333	15			
			22	333	58			
			23	334	35			
			24	335	23			
			25	335	49			
			26	336	39			
			27	337	24			
		9:26	28	338	12			
			~~29~~					
			~~30~~					

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. SAME Job No.

Notes Date

Survey of

Survey by C. J. GALLI

Indexed

F. B. 2819 Pg. 126

76-L-298 CE 307 5-66

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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.		
					STA. 920 + 29.80	
	Sight on N-102				99°49' Lt.	
T.P.				[illegible]	T.P. Sout. from Sta. 917+76.09	
				8.50	T.P. 1"x2" @ Sta. Sand.	
				10.7	12' Rt Sand	
				11.8	30' Rt Sand @ House	
	1 25	7 66		6.41	30' Lt. Sand. 1"x2"	
		7			⊼ AT 917+76.09 SIGHT ON N102	
		46				
			31	46	40 FT. LEFT M.H.T.	
			31	46	40 " " ON SHORE OF LARGE ROCK	
			65	12	∡ #1 20°32' OFF " " " "	
			78	-01	2 26 23	
			92	-15	3 32 36	
			111	-34	4 41 29	
			137	-60	5 50 04	
			172	-95	6 55 48	

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2819 PG. 127
No. ____ Date ____ Date ____ Survey of Hydrographic Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Curtis Notes A.C. Date 5-19-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date JUN 25 '69

F. B. 2819 PG. 128 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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.

76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

PLEASE RETURN TO

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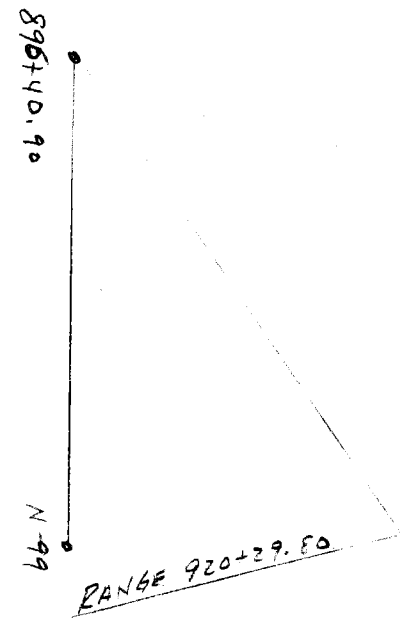
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
896+41	N-99	9:40	1	318	26			
			2	319	39			
			3	320	28			
			4	321	15			
			5	321	50			
			6	322	36			
			7	323	29			
			8	324	24			
			9	325	03			
			10	325	51			
			11	326	47			
			12	327	34			
			13	328	12			
			14	328	58			
			15	329	40			
			16	330	12			
			17	330	50			
			18	331	19			
			19	331	~~33~~ 52			
			20	332	23			



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 2219 Pg. 129

No. Date Date Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. Checked Survey by [illegible] Notes DON Date 5-15-69

No. Date Date Map No. Indexed [illegible] Date [illegible]

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					
			21	332	53			
			22	333	27			
			23	333	57			
			24	334	27			
			25	334	55			
			26	335	34			
			27	336	08			
			28	336	36			
		9:44	29	336	57			

F. B. 2819 PG. 130

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

Survey of Date Date No. X-Sec.

Survey by C. J. GALLI Notes Checked

Indexed Date Date No.

76-L-298 CE 307 5-66

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.		
			STA	922 + 37.93		
	Sight on N-102				91° 12' Lt	
T.P.				8.50	T.P. Cont. from Sta. 920+29.[illegible]	
T.P.				12.31	T.P. 1"x2" @ Sta. Sand.	
				14.4	32' Rt. Sand @ [illegible]	
	0 67	8 70		8.[illegible]	31' Lt 1"x2" Sand.	
					⊼ AT 917 + 76.09 SIGHT ON N+02	
		ESTIM.	200	-11 3	⊼ 1	37° 21'
			176	-8 9	⊼ 2	32 14
			148	-6 1	3	27 29
			128	-4 1	4	24 06
			104	-1 7	5	18 54
			88	-0 1	6	14 53
			67	2 0	7	10 02
			41	4 6	58 FT LEFT M.H.T	

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2819 PG. 131
No. ____ Date ____ Date ____ Survey of Mahbuchan Hyd Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Curtis Notes AC Date 5-19-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date JUN 25 69

F. B. 2819 PG. 132 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

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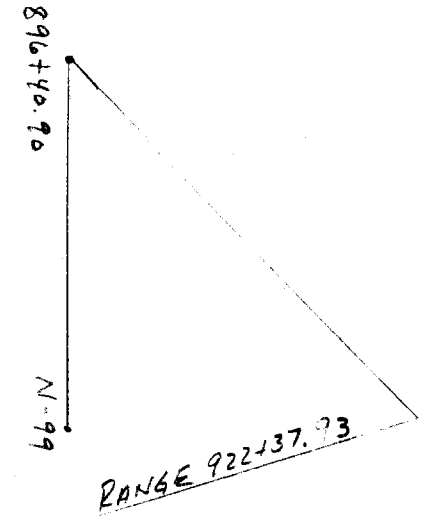
LOS ANGELES COUNTY SURVEYOR

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					
896+41	N-99	9:57	1	320	20			
			2	321	03			
			3	321	59			
			4	322	47			
			5	323	45			
			6	324	36			
			7	325	13			
			8	325	58			
			9	327	00			
			10	327	39			
			11	328	20			
			12	328	59			
			13	329	19			
			14	329	49			
			15	330	36			
			16	331	19			
			17	331	51			
			18	332	18			
			19	332	54			
			20	333	23			



Profile Notes Red. Plotted Job No. 0330.02 Division No. 11 F. B. 2310 Pg. 133

No. Date Date Survey of MALIBU HYDRO SURVEY

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

No. Date Date Map No. Indexed [redacted] Date [redacted]

76L298 307 Cdb 12-62

PLEASE RETURN TO

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
			21	333	47			
			22	334	29			
			23	335	04			
			24	335	45			
			25	336	18			
			26	336	55			
			27	337	24			
			28	338	00			
			29	338	29			
			30	339	23			
			31	340	07			
			32	340	52			
		10:02	~~33~~	~~341~~	~~17~~			

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. SAME

Job No. Notes Date

Survey of

Survey by

Indexed C. J. GALLI

F. B. 2819 Pg. 134

76-L-298 CE 307 5-66

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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.		
			Sta 922+83.51			
		Sight on N-102			99° 49' Lt	
TP				8.63	TP. Cont. from Sta. 922+87.93	
TP				11.81	TP. 1"x2" @ Sta. Sand.	
				12.6	24' Rt. B.T. Brk.	
				16.3	41' Rt. Top Brk.	
	018	871		8.53	30' Lt 1"x2" Sand.	
			41	46	62 FT LEFT M.H.T.	TT AT 917+76.09 SIGTT ON N102
			70	17	80 " "	SAND
			84	03	∡ #1 11° 48	
			91	-04	2 15 22	
			108	-21	3 18 29	
			124	-37	4 23 25	
			155	-68	5 27 45	
			166	-79	6 31 03	

Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2819 Pg. 135
No. ____ Date ____ Date ____ Survey of Mobile Area Hyd-Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Curtis Notes ____ Date 5-19-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 '69

F. B. 2819 PG. 136 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chk'd. Checked X-Sec.

Indexed Date Date Date Date No.

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

Do not extend notes this side of this line.

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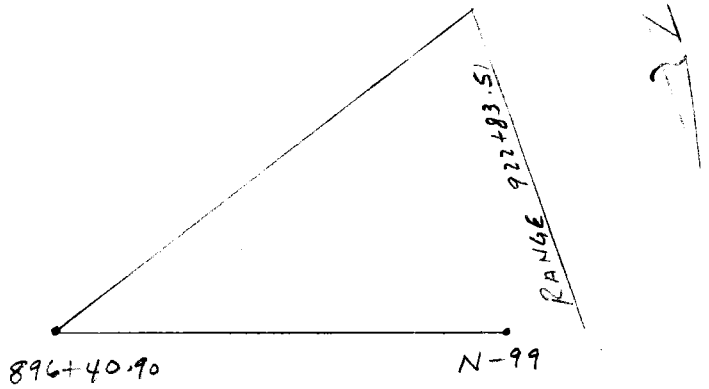
76-L-298 CE 307 5-66

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 | F. B. 2819 Pg. 137

X-Sec. No. _____ Date _____ Date _____ Survey of MALIBU HYDRO SURVEY

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 5 19 69

Date _____ Date _____ Map No. _____ Indexed [redacted] GALLI Date [redacted]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
896+41	N-99	10:08	1	319	49	40	11	
			2	321	19	38	41	
			3	322	06	37	54	
			4	322	49	37	11	
			5	323	36	36	24	
			6	324	16	35	44	
			7	325	04	34	56	
			8	325	52	34	08	
			9	326	40	33	20	
			10	327	26	32	34	
			11	328	18	31	42	
			12	329	11	30	49	
			13	329	50	30	10	
			14	330	21	29	39	
			15	331	13	28	47	
			16	332	01	27	59	
			17	332	54	27	06	
			18	333	27	26	33	
			19	334	00	26	00	
			20	334	30	25	30	

76L298 307 Cdb 12-62

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. 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	335	08	24	52	
			22	335	43	24	17	
			23	336	16	23	44	
			24	336	51	23	09	
			25	337	06	22	54	
			26	337	35	22	25	
			27	338	07	21	53	
			28	338	37	21	23	
			29	339	24	20	36	
			30	340	00	20	00	
		10:13	31	340	47	19	13	
			~~32~~					

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. SAME

Job No. Notes Date

F. B. 2819 Pg. 138

Survey of

Survey by

Indexed C. L. GALLI

Notes Ck'd by	Survey of HYDROGRAPHIC SURVEY
Map No.	JN 0300.02 Tape — Std — °F
Office Work	Surveyed by RICHARDS
Checked	Notes VARRIER Date 5-19-69
Date	Indexed GALLI JUN 25 '69

F. B. 2812 PG. 139

TIDE GAGE READINGS
MAY 19, 1969
TIME – P.S.T.
DATUM – M.L.L.W.

TIME	TIDE
6:00	-0.2
6:30	0.0
7:00	0.3
7:30	0.6
8:00	0.9
8:30	1.3
9:00	1.7
9:30	2.1
10:00	2.3
10:30	2.7
11:00	2.9
11:30	3.0
12:00	3.1
12:30	3.1
1:00	3.2
1:30	3.1
2:00	3.0

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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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68

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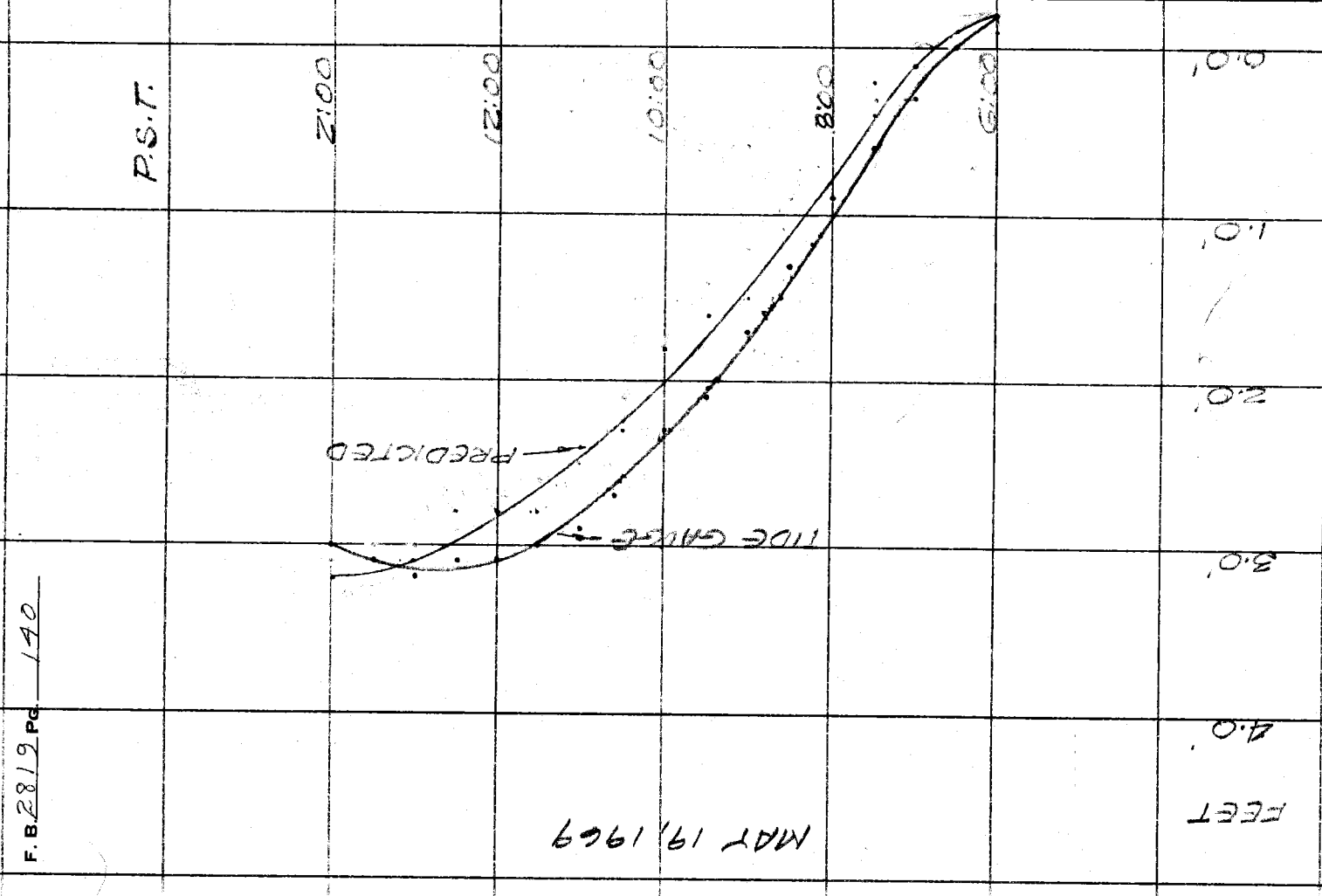
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend this side of this line.



MAY 19, 1969

F. B. 2819 PG. 140

76-L-298 CE 307 5-66

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.		
			STA 925+37.22			
	Sight on N-102				99° 49' Lt.	
T.P.				11.67	T.P. Cont. from Sta. 922+33.51	
T.P.				12.00	T.P. 1"x2" @ Sta. Sand	
				13.0	21' Rt. Brk. Sand	
				16.1	37' Rt. Sand @ House	
				8.57	30' Lt. 1"x2" Sand.	
T.B.M. #39				14.56	T.B.M. #39 El. 1456 F.B. 3790-115 Bt. Spr. [illegible] Weed. Pile @ Hs #219 [illegible]	
					↑ 922+37.93 SIGHT N-102	
	-0.15	8.44		8.59	T.P. 1x2 30 LEFT	
			0.4	8.2	30 FT L. SAND	
			3.8	4.6	57 FT LEFT M.H.T.	
			6.1	2.3	85 " " SAND	
			8.4	0.0	∡ #1 22° 17'	
			9.6	-1.2	2 27 29	
			11.2	-2.8	3 34 13	
			12.4	-4.0	4 39 27	
			15.5	-7.1	5 45 43	
			17.0	-8.6	6 49 07	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 2819 Pg. 141
Date ____ Date ____ Survey of Malibu Area Hyd. Survey
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date 5-20-[illegible]
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 [illegible]

F. B. 2819 PG. 142 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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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 5.66

76L298 307 Cdb 12-62

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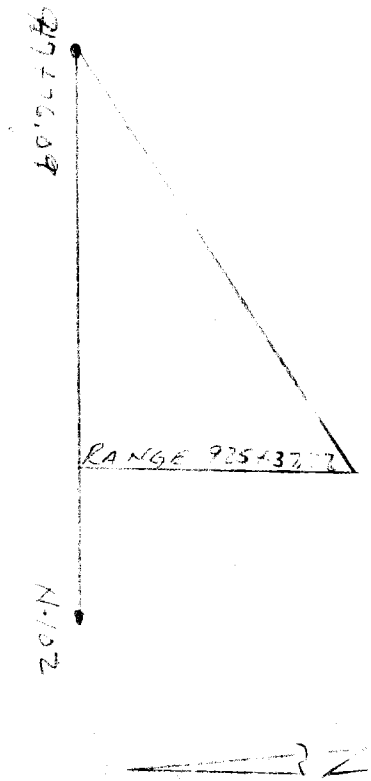
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
917+76	N-102	7:58	1	287	58	72	02	
			2	288	52	71	08	
			3	289	40	70	20	
			4	290	38	69	22	
			5	291	29	68	31	
			6	292	38	67	22	
			7	293	30	66	30	
			8	294	36	65	24	
			9	295	57	64	03	
			10	297	10	62	50	
			11	298	34	61	26	
			12	299	55	60	05	
			13	301	29	58	31	
			14	302	56	57	04	
			15	304	55	55	05	
			16	307	18	52	42	
			17	309	43	50	17	
			18	311	41	48	19	
			19	313	49	46	11	
			20	315	33	44	27	



Profile Notes Red. Plotted Job No. 0300.37 Division No. 11 F. B. 2810 Pg. 143

No. Date Date Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes DON Date 5-20-69

No. Date Date Map No. Indexed C. T. GALLI Date JUN 2 [illegible]

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					
			21	317	20	42	40	
			22	318	49	41	11	
			23	320	38	39	22	
			24	322	15	37	45	
			25	324	33	35	27	
			26	326	22	33	38	
			27	328	17	31	43	
			28	330	17	29	43	
			29	332	36	27	24	
			30	334	38	25	22	
			31	337	00	23	00	
			32	339	41	20	19	
		8:03	33	342	38	17	22	
			34					

F. B. 2819 PG. 144

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

Survey of Date Date No. X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed D. G. GALLI Date 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.		
			STA 927+90.93			
	Sight on N-102				99° 49' Lt	
T.B.M. #39				14.56	T.B.M. #39 (cont.)	
T.P.				10.14	T.P. 1"x2" @ STA. Sand	
				12.0	18' Rt. - Bot. Brk Sand	
				15.1	27' Rt. Top " "	
				16.9	50' Rt. Sand	
	0 06	7.96		7.90	30' Lt. 1"x2" Sand.	
		80			⊼ AT 922+37.93	SIGHT N-102
			172	-92	∡ #1 30° 56'	
			139	-59	2 26 20	
			152	-72	3 27 54	(OUT MORE)
			118	-38	4 22 41	
			102	-22	5 18 18	
			88	08	6 13 54	
			67	13	7 10 37	
			34	46	55 FT. LEFT M.H.T.	
			07	73	30 FT LEFT SAND	

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2819 Pg. 145
No. ____ Date ____ Date ____ Survey of Cal. Bi-Area - Hyd. Survey
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes ____ Date 5-20-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 '69

F. B. 2819 PG. 146 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76-L-296 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

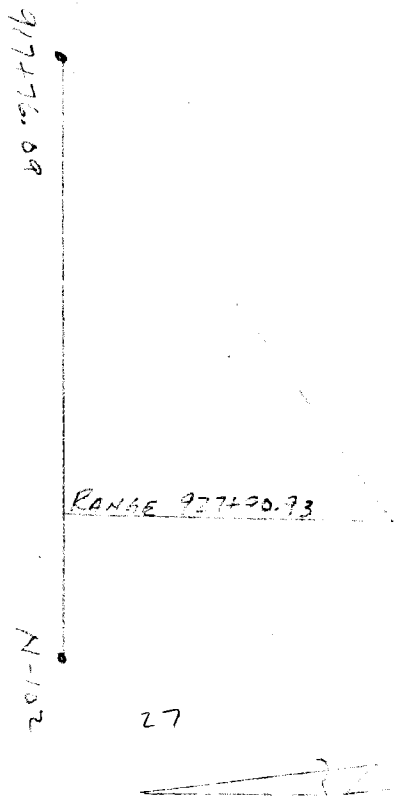
LOS ANGELES COUNTY SURVEYOR

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.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
917+76	N-102	2:09	1	297	14	62	46	
			2	298	45			
			3	300	14			
			4	301	49			
			5	303	29			
			6	305	06			
			7	307	14			
			8	308	58			
			9	310	32	49	28	
			10	312	34			
			11	313	60			
			12	316	05			
			13	318	07			
			14	320	06			
			15	322	15	37	45	
			16	324	37			
			17	326	58			
			18	329	14			
			19	331	38			
			20	333	21			



Profile Notes Red. ____ Plotted ____ Job No. 8000.02 Division No. ____ F. B. 2819 PG. 147

No. ____ Date ____ Date ____ Survey of MAC-3V HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 5-20-69

No. ____ Date ____ Date ____ Map No. ____ Indexed E. J. GALLI Date JUN 25 '69

F. B. 2819 PG. 148 Job No. Division No. Notes Red. Plotted Profile

Survey of SAME Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed C. L. GALLI Date Date Date No.

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 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.
			21	335	22			
			22	336	56			
			23	338	34			
			24	340	31			
			25	342	13			
			26	344	05			
		8:14	27	346	10			
			28					

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.		
			STA. 930	+44.64		
	Sight on N-102				99° 49' Lt	
				10.14	T.P. Cont. from Sta. 927+90.93	
T.P.				11.13	T.P. 1"X2" @ Sta. Sand.	
				12.2	19' Rt. Bot. Brk. Sand	
				15.6	28' Rt. Top "	
				17.0	41' Rt. Sand.	
				8.20	30' Lt. 1"X2" (Sand 0.7 Lower)	
T.P.				12.63	T.P. Top R.R. Rail West Side CM. Pipe FB 3790-119 El. 12.63	
					AT 922+37.93 SIGHT N 102	
	0.36	8.56 6		8.20	T.P. 8X2 30 FT LEFT	
			0.7	7.9	30 FT. LEFT SAND	
			4.0	4.6	57 " " " M.H.T	
			5.7	2.9	75 " " "	
			8.3	0.3	∡ #1	8° 08'
			9.7	-1.1	2	10 27
			11.4	-2.8	3	14 01
			12.8	-4.2	4	16 15
			14.1	-5.5	5	17 56
			15.8	-7.2	6	19 35
			17.4	-8.8	7	22 14

Profile No. ____ Notes Red ____ Plotted ____ Job No. C300.02 Division No. 11 F.B. 2819 Pg. 149
Date ____ Date ____ Survey of Malibu Area-Hyd. Survey
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by CURTIS Notes ____ Date 5-20-67
Date ____ Date ____ Map No. ____ Indexed ____ Date JUN 25 [illegible]

F. B. 2819 PG. 150 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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

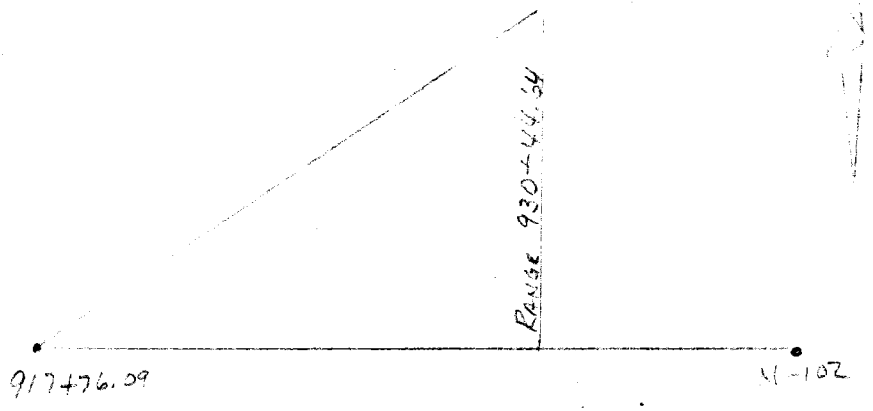
76-L-298 CE 307 2-63

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 53.00.02 Division No. 11 F. B. 2819 Pg. 151

X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 5-20-69

Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUL 25 '69



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
917+76	N-102	8:22	1	302	19			
		[illegible]	2	304	15			
			3	306	09			
			4	307	45			
			5	309	21			
			6	310	47			
			7	312	01			
			8	313	35			
			9	315	13			
			10	316	50			
			11	318	32			
			12	320	11			
			13	322	19			
			14	324	11			
			15	325	45			
			16	327	26			
			17	329	18			
			18	331	06			
			19	332	40			
			20	334	11			

76L298 307 Cdb 12-62

F. B. 2819 PG. 152

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

Survey of _____ SAME Date _____ Date _____ No. _____

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

Indexed C. L. GALLI Date _____ Date _____ Date _____ No. _____

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 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.
			21	335	42			
			22	337	12			
			23	338	35			
			24	339	36			
			25	340	55			
			26	342	34			
			27	344	09			
			28	345	24			
			29	347	07			
		8:27	30	348	56			

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.		
					STA 932+38.15	
					SIGHT on N-102	91° 12' Lt
T.P.				12.63	T.P. Cont from STA. 930+44.64	
T.P.				12.14	T.P. 1"x2" @ STA. Sand.	
				12.5		16' Rt. BOT. BRK Sand
				14.3		23' " Top " "
				16.0		38' Rt. Sand @ House
	0.21	9.36		9.15	30' Lt. 1"x2" Sand	
	1.41	7.69	3.08	6.28	T.P.	(⊼ 922+37.93 SIGHT N 02 4')
			16.8	-9.1	∡ #1	16° 46'
			14.1	-6.4	2	14 35
			11.2	-3.5	3	12 40
			10.5	-2.8	4	10 40
			8.9	-1.2	5	8 23
			7.7	0.0	6	6 37
			6.2	1.5	7	5 18
			3.1	4.6	59 FT LEFT M.H.T.	

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 0300.02 Division No. 11 Survey of Palisades Area Hyd. Survey Survey by Curtis Notes Date 5-20-69 Map No. Indexed C. L. GALLI Date JUN 25 '69 F.B. 2819 Pg. 153

F. B. 2819 Pg. 154

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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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

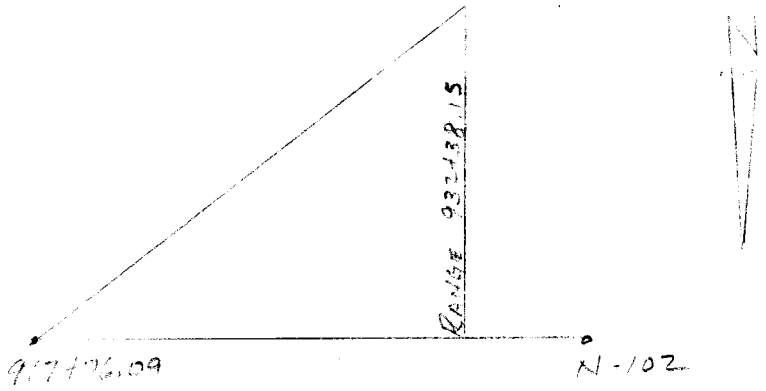
76-L-298 CE 307 2-63

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 2300.07 Division No. 11 F. B. 29 Pg. 155

X-Sec. No. _____ Date _____ Date _____ Survey of MALIBU HYDRO SURVEY

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 5-20-69

Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date [illegible]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
917+76	N-102	8:34	1	312	25			
			2	314	29			
			3	316	08			
			4	320	47			
			5	322	48			
			6	324	12			
			7	325	36			
			8	326	58			
			9	328	49			
			10	330	08			
			11	331	13			
			12	332	31			
			13	333	43			
			14	335	15			
			15	337	13			
			16	339	11			
			17	340	13			
			18	341	21			
			19	342	25			
			20	343	37			

76L298 307 Cdb 12-62

F. B. 2819 PG. 156 Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ SAME Date _____ Date _____ No. _____

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

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

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 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.
			21	344	52			
			22	345	45			
			23	347	02			
			24	348	07			
			25	349	02			
			26	349	53			
		8:39	27	351	20			

76-L-298 CE 307 5-66

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.		
			STA. 932 + 98.35			
	Sight on N-102				99°49' Lt	
T.P.				12.14	T.P. Cont. from Sta 932+38.15	
T.P.				11.85	TP 1"x2" @ STA. Sand	
				12.4	16' Rt. Bot. Brk	Sand
				15.0	32' " Top "	"
				16.4	38' Rt.	"
				8.68	30' Lt. 1"x2" Sand	
					T.P. AT 930+44.64 SIGHT	N 102
		7 69			CONT. FROM 932+38.15	
			31	46	60 FT LEFT, M.H.T.	
			55	22	85 " " "	
			77	00	4 1 26° 21'	
			88	-11	2 31 35	
			98	-21	3 37 09	
			109	-32	4 41 52	
			126	-49	5 47 06	
			145	-68	6 51 50	
			168	-91	7 55 26	
			245	524	T.P. CONT TO 935+52.06	

Profile Notes Red ____ Plotted ____ Job No. 3300.02 Division No. 11 F. B. 2819 Pg. 157
No. ____ Date ____ Date ____ Survey of Malibu Area Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Curtis Notes ____ Date 5-20-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 [illegible]

F. B. 2819 PG. 158 Job No.____ Division No.____ Notes Red____ Plotted____ Profile

Survey of____ Date____ Date____ No.____

Survey by____ Notes____ Notes Chk'd.____ Checked____ X-Sec.

Indexed____ Date____ Date____ Date____ No.____

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

Do not extend notes this side of this line.

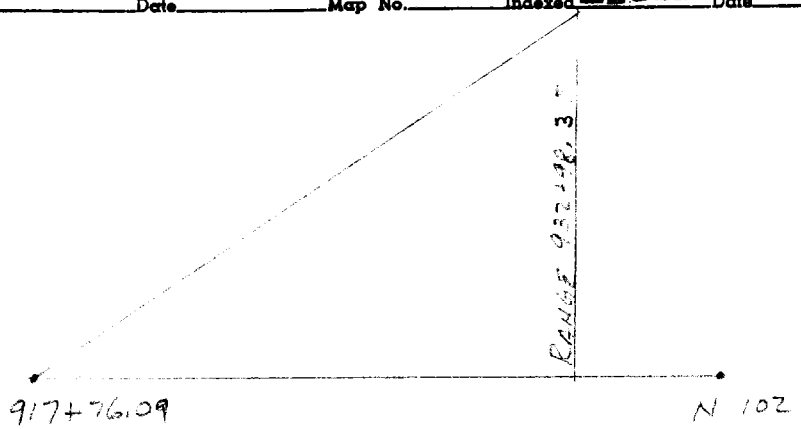
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76-L-298 CE 307 5-66

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 9300.07 Division No. 11 | F. B. 2813 Pg. 159

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of MALIBU HYDRO SURVEY Survey by [illegible] Notes [illegible] Date 5-30-69 Map No. _____ Indexed D. J. GALLI Date JUN 25 69



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
917+76	N-102	8:46	1	308	11			
			2	309	26			
			3	311	31			
			4	313	00			
			5	314	32			
			6	316	12			
			7	317	39			
			8	319	20			
			9	321	05			
			10	323	05			
			11	324	21			
			12	325	36			
			13	327	04			
			14	328	47			
			15	330	34			
			16	332	32			
			17	334	35			
			18	336	58			
			19	338	26			
			20	339	27			

76L298 307 Cdb 12-62

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					
			21	340	37			
			22	341	50			
			23	343	11			
			24	344	33			
			25	345	36			
			26	346	41			
			27	348	02			
			28	349	11			
		8:51	29	350	36			

F. B. 2819 PG. 160

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

Survey of Date Date No. X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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.		
			STA. 935+52.06			
	Sight on N-102				99°49' Lt.	
T.P.				11.85	T.P. Cont. from Sta. 932+98.35	
T.P.				12.13	T.P. 1"x2" @ Sta. Sand	
				12.6	11' Rt. Bot. Brk. - Sand	
				14.1	17' " Top " "	
				16.1	44' Rt. "	
				8.95	30' Lt. 1"x2" Sand	
TB.M.#40				15.55	TBM.#40 El. 15.55 F.B. 3790-115 Pk in SE Cor Bot. Porch Stop Ho.#22038	
	278	802		524	Cont. from 932+98.35	
					★ 930+44.64 SIGHT ON N 102	
			167	-87	∠ #1 33° 12'	
			143	-63	2 29 30	
			126	-46	3 26 40	
			114	-34	4 23 18	
			103	-23	5 20 15	
			90	-10	6 15 16	
			69	11	7 11 07	
			34	46	61 FT LEFT M.H.T.	
	555	12 21	136	666		
			330	8.91	T.P. 1x2 30 FT LEFT ELEV 8.95	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 03-00-02 Division No. 11 F.B. 2819 Pg. 161
X-Sec. No. ____ Date ____ Date ____ Survey of Mal. Bu Area - Hyd. Survey
Notes Chk'd. ____ Checked ____ Survey by Curtis Notes ____ Date 5-20-69
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 69

F. B. 2819 PG. 162 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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.

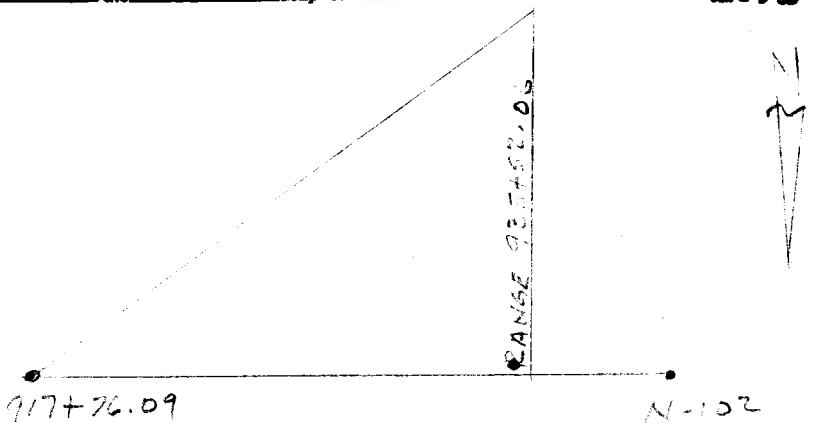
76-L.298 CE 307 5-66

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 | F. B. 2819 Pg. 163

X-Sec. No. _____ Date _____ Date _____ Survey of MALIBU HYDRO SURVEY

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 5-20-69

Date _____ Date _____ Map No. _____ Indexed G. J. GALLI Date [redacted]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
917+76	N-102	8:58		314	12			
			2	315	39			
			3	317	16			
			4	319	03			
			5	320	52			
			6	323	00			
			7	324	49			
			8	327	01			
			9	328	32			
			10	330	10			
			11	332	06			
			12	334	08			
			13	335	42			
			14	337	22			
			15	339	12			
			16	340	41			
			17	342	41			
			18	344	04			
			19	345	03			
			20	346	00			

76L298 307 Cdb 12-62

F. B. 2819 PG. 164 Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ SAME Date _____ Date _____ No. _____

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

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

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 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.
			21	346	54			
			22	348	10			
			23	349	26			
			24	350	21			
			25	351	34			
		9:03	26	352	49			

76-L-298 CE 307 5-66

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.		
			STA. 938+05.77			
		Sight	on	N-102	99°49' Lt.	
T.B.M. #40				15.55	TBM #40 El. 15.55 (Cont.)	
T.P.				12.40	T.P. 1"x2 @ Sta. Sand.	
				12.5	5' Rt. Bot. Brk Sand	
				15.6	14 Rt. Top " "	
				17.4	35' Rt. Sand @ [illegible]	
	1 37	11 31		9.94	30' Lt. Sand.	
	0 88	7 21	4 98	6 33	T.P.	
					⊼ AT 930+44.64 SIGHT ON N-102	
			2 6	4 6	62 FT LEFT M.H.T.	
			5 2	2 0	85 " " SAND	
			6 4	0 8	∡ #1 7° 40'	
			7 1	0 1	2 9 50	
			8 8	-1 6	3 12 07	
			9 6	-2 4	4 14 51	
			10 8	-3 6	5 17 06	
			12 4	-5 2	6 18 58	
			14 2	-7 0	7 21 03	
			16 4	-9 2	8 23 53	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. 2819 PG. 165
Date ____ Date ____ Survey of Malibu Area - Hyd. Survey
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date 5-25-69
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 '69

F. B. 2819 PG. 166 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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.

76-L-298 CE 307 5-66

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					
			21	344	46			
			22	345	38			
			23	346	28			
			24	347	15			
			25	348	05			
			26	348	58			
			27	349	45			
			28	350	29			
			29	351	04			
			30	352	02			
		9:15	31	353	08			

F. B. 2819 Pg. 168 Job No. SAME Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed D. J. GALLI Date Date Date No.

76L298 307 Cdb 12-62

PLEASE RETURN TO

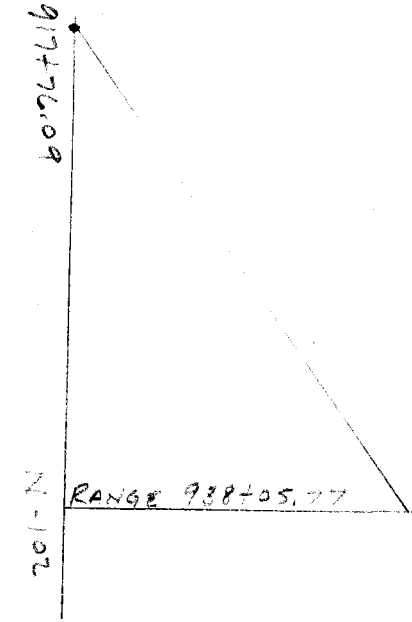
LOS ANGELES COUNTY SURVEYOR

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					
917476	N-102	9:10	1	316	48			
			2	318	33			
			3	320	00			
			4	321	37			
			5	323	22			
			6	324	26			
			7	326	00			
			8	327	12			
			9	328	33			
			10	330	05			
			11	331	28			
			12	333	18			
			13	334	35			
			14	336	24			
			15	337	32			
			16	339	11			
			17	340	26			
			18	341	36			
			19	342	51			
			20	343	52			



Profile

Notes Red.____ Plotted____ Job No. 0300.02 Division No. 11 F. B. 2819 Pg. 167

No.____ Date____ Date____ Survey of MAL 134 HYDRO SURVEY

X-Sec. Notes Chkd.____ Checked____ Survey by RICHARDS Notes DON Date 5-20-60

No.____ Date____ Date____ Map No.____ Indexed C. GALLI Date MAY 25

76-L-298 CE 307 5-66

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.		
				STA. 940 + 59.48		
	Sight		on N-102		99° 49' Lt.	
T.P.				12.40	T.P. Cont. from Sta.	
T.P.				14.48	T.P. 1"x2" @ Sta. Sand	
				16.1	35' Rt. Sand @ House	
				12.6	9' Lt.	
	1 19	11 55		10 36	30' Lt. 1"x2" Sand	
	0 98	7 30	5 23	6 32	T.P.	
					⊼ AT 930 + 44.6	SIGHT ON N 102
			180	-107	∡ ±1 19° 59'	
			160	-87	2 18 02	
			133	-60	3 15 40	
			113	-40	4 13 41	
			97	-24	5 11 18	
			87	-14	6 8 58	
			75	-02	7 7 25	
			52	21	8 5 13	
			27	46	66 FT LEFT M. H.T.	

Profile Notes Red ____ Plotted ____ Job No. C3007 Division No. 11 F.B. 2819 Pg. 169
No. ____ Date ____ Date ____ Survey of Malibu Area - Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date 5-20-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date JUN 25 [illegible]

F. B. 2819 PG. 170 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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76-L-298 CE 307 5.66

76L298 307 Cdb 12-62

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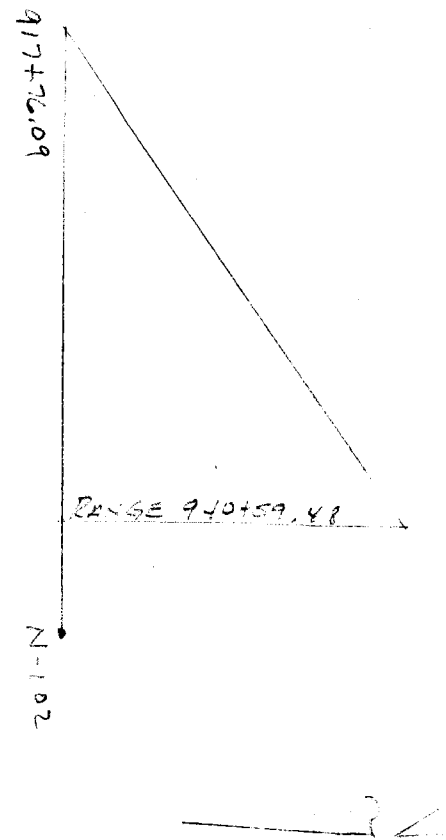
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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					
917+76	N-102	9:21	1	318	24			
			2	319	40			
			3	320	57			
			4	321	59			
			5	323	42			
			6	324	44			
			7	326	12			
			8	327	30			
			9	328	35			
			10	329	38			
			11	330	49			
			12	332	27			
			13	333	48			
			14	335	07			
			15	336	41			
			16	338	08			
			17	339	22			
			18	340	18			
			19	341	39			
			20	342	56			



Profile Notes Red. ____ Plotted ____ Job No. 2300.02 Division No. ____ F. B. 2819 Pg. 171

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes Jo'l Date 5-20-69

No. ____ Date ____ Date ____ Map No. ____ Indexed [redacted] Date [redacted]

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. 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	344	06			
			22	345	13			
			23	346	22			
			24	347	19			
			25	348	09			
			26	348	50			
			27	349	20			
			28	349	58			
			29	350	39			
			30	351	22			
			31	351	51			
			32	352	42			
		8:27	33	353	21			

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. 5472

Job No. ____ Notes ____ Date ____

F. B. 2819 Pg. 172

Survey of ____

Survey by ____

Indexed C. J. GALLI

76-L-298 CE 307 5-66

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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.

N-102 942+80.02

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			STA. 942+38.36			
	Sight on N-102					91° 12' Lt.
T.P.				14.43	T.P. Cont. from Sta. 940+59.48	
T.P.				15.24	T.P. 1"x2" Sand @ Sta	
				16.3		50' Rt. Sand.
				13.3	12' Lt. Sand.	
				11.51	30' Lt. 1"x2" Sand	
T.B.M. #41				16.50	T.B.M. #41 El. 16.50 F.B. 3770-119 P.M. 41 Bot. Porch Step - Sa. cont - Ho. # 22.140 near N-102	
	1 04	12 55		11 51	T.P 30 FT LEFT	
	055	6 71	6 39	6 16	T.P.	
			21	4 6	72 FT LEFT, M.H.T.	
					π ON 938+05.77 SIGHT N-102	
			4 7	2 0	100 FT LEFT SAND.	
			57	-08	∡ #1 17° 09	
			77	-11	2 20 22	
			90	-23	3 23 50	
			102	-35	4 27 15	
			117	-50	5 30 12	
			146	-79	6 35 05	
			172	-105	7 39 37	

Profile No. ____ X-Sec. ____ Notes Red ____ Date ____ Notes Chk'd. ____ Date ____ Plotted ____ Date ____ Checked ____ Date ____ Job No. 3300.02 Survey of MALIBU AREA - HYDL SURVEY Survey by ____ Map No. ____ Division No. 11 Notes ____ Indexed P.L. GALLI Date ____ F.B. 2813 Date 5-20-69 Date JUN 2 5 Pg. 113

F. B. 2819 PG. 174 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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76-L.298 CE 307 5.66

76L298 307 Cdb 12-62

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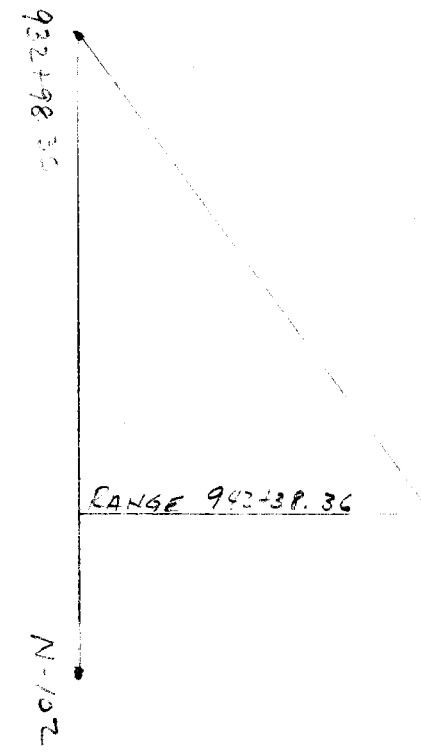
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
932+98	N-102	9:44	1	298	54			
			2	299	43			
			3	300	28			
			4	301	20			
			5	30[illegible]	59			
			6	303	03			
			7	304	21			
			8	306	21			
			9	307	15			
			10	308	14			
			11	309	36			
			12	311	14			
			13	312	53			
			14	314	41			
			15	316	49			
			16	318	49			
			17	321	34			
			18	323	56			
			19	326	12			
			20	328	36			



Profile Notes Red. Date Plotted Date Job No. 2200.32 Division No. Survey of MALIBU HYDRO SURVEY

No. X-Sec. Notes Chkd. Date Checked Date Survey by [illegible] Notes [illegible] Date 5-20-69

No. Date Date Map No. Indexed D. J. GALLI Date

F. B. 7812 Pg. 175

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					
			21	330	20			
			22	331	52			
			23	333	37			
			24	335	34			
			25	337	05			
			26	339	02			
			27	340	46			
			28	342	23			
		9:49	29	343	59			
			~~2~~					

F. B. 2819 PG. 176

Job No. Division No. Notes Red. Plotted Profile

Survey of SAME Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed C. L. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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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.		
			STA-943+09.57			
		Sight	on N-103		94° 23' Lt.	
T.B.M. #41				16.50	T.B.M. #41 (CONT.)	
T.P.				15.38	T.P. 1"x2" @ STA. (Sand)	
				15.9	11' Lt. (Sand)	
				14.4	10' Lt Top Bore Sand	
				13.3	15' Lt Bot. " "	
				11.50	35' Lt 1"x2" Sand.	
					⊼ 938+05.77 SIGHT ON N-102	
		6 71			CONT FROM STA. 942+38.36	
			160	-93	∡ #1 36° 20'	
			135	-68	2 32 22	
			114	-47	3 38 24	
			93	-26	4 24 12	
			73	-06	5 18 04	
			64	03	6 14 28	
			37	30	7 10 40	
			21	46	74 FT LEFT M.H.T.	
	8 50	14 01	1 20	5 51	T.P.	
			2 49	11 52	30 FT LEFT 1x2 ✓ ELEV. 11.50	

Profile Notes Red ____ Plotted ____ Job No. 2 Division No. 11 F. B. 2819 Pg. 177
No. ____ Date ____ Date ____ Survey of Malibu Area Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Curtis Notes ____ Date 5-20-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 '69

F. B. 2819 PG. 178 Job No.____ Division No.____ Notes Red____ Plotted____ Profile

Survey of____ Date____ Date____ No.____

Survey by____ Notes____ Notes Chk'd.____ Checked____ X-Sec.

Indexed____ Date____ Date____ Date____ No.____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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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.

76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

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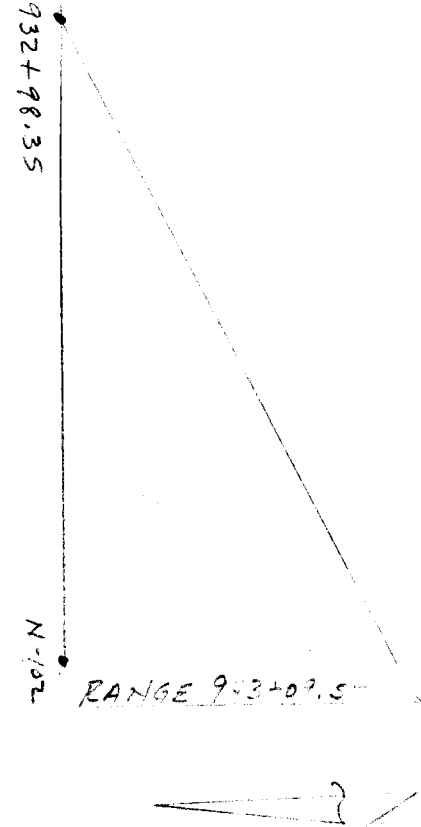
LOS ANGELES COUNTY SURVEYOR

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 DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
932+98	N-102	10:10	1	289	56			
			2	291	45			
			3	294	23			
			4	296	08			
			5	297	33			
			6	299	19			
			7	301	12			
			8	303	19			
			9	305	21			
			10	307	49			
			11	300	12			
			12	312	24			
			13	313	38			
			14	315	29			
			15	317	18			
			16	319	19			
			17	321	24			
			18	324	09			
			19	326	23			
			20	328	42			



Profile Notes Red. ____ Plotted ____ Job No. 2800-07 Division No. 11 F. B. 2819 Pg. 179

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 5-20-69

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 [illegible]

F. B. 2819 PG. 180

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed D. L. GALLI Date _____ Date _____ Date _____ No. _____

SAME

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 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.
			21	330	33			
			22	332	02			
			23	333	44			
			24	335	18			
			25	336	41			
			26	338	30			
			27	339	45			
			28	341	37			
			29	342	44			
		10:15	30	344	00			

76-L-298 CE 307 5-66

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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.		
			STA. 945+60.30			
	Sight	on N-103			94°23' Lt	
TP				15.38	TP Cont from Sta. 943+09.57	
TP				13.25	T.P. 1"x2" @ Sta.	Sand
				16.2	25' Lt	Brk Sand
				16.57	50' "	Sand
	188	1199		10.11	30' Lt. 1"x2" Sand	
	223	705	717	4 82	T.P.	
			24	46	61 FT LEFT M.H.T.	
					T AT 938+05.77 SIGHT ON N102	
			59	11	4# 1 9° 44'	
			70	00	2 12 14	
			83	-13	3 15 03	
			101	-31	4 18 06	
			120	-50	5 21 15	
			138	-68	6 22 54	
			153	-83	7 25 20	
			253	452	T.P. CONT TO STA. 948+11.03	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 C300.02 F.B. 2811 PG. 181
Date ____ Date ____ Survey of Malibu Area-Hyd-Survey
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by C.L.R. Tix Notes ____ Date 5-20-69
Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date JUN 25 '69

F. B. 2819 PG. 182 Job No.____ Division No.____ Notes Red____ Plotted____ Profile

Survey of____ Date____ Date____ No.____

Survey by____ Notes____ Notes Chk'd.____ Checked____ X-Sec.

Indexed____ Date____ Date____ Date____ No.____

76-L-298 CE 307 5-66

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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.	

76L298 307 Cdb 12-62

PLEASE RETURN TO

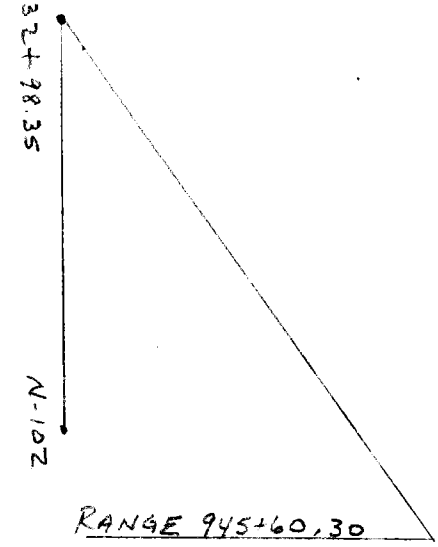
LOS ANGELES COUNTY SURVEYOR

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					
932+98	N-102	10:21		299	35			
			2	301	48			
			3	303	02			
			4	304	22			
			5	305	59			
			6	307	31			
			7	309	06			
			8	311	24			
			9	313	14			
			10	314	56			
			11	316	51			
			12	318	34			
			13	320	49			
			14	323	05			
			15	325	21			
			16	327	57			
			17	329	54			
			18	331	54			
			19	333	46			
			20	335	28			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. ____ F. B. 2810 Pg. 183

X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 5-20-69

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 '69

F. B. 2819 PG. 184

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

Survey of _____ Date _____ Date _____ No. _____

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

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

SAME

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 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.
			21	336	50			
			22	338	07			
			23	339	26			
			24	340	52			
			25	341	50			
			26	343	02			
			27	344	10			
			28	345	10			
			29	346	30			
		10:26	30	347	20			

76-L-298 CE 307 5-66

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.		
			STA. 948+11.03			
		Sight on N-103			94° 23' Lt.	
T.P.				13.30	T.P. Cont. from Sta 945+60.30	
T.P.				13.00	T.P. 1"x2" @ Sta. Sand	
				16.0	40' Bt Sand	
				3.63	30' Lt. 1"x2" Sand.	
					⊼ 938+05.77	SIGHT N 102
	175	627		452	T.P. CONT. FROM 945+60.30	
		3	159	-96	4 1 21° 11'	
		46	136	-73	2 19 20	
		47	116	-53	3 17 22	
			91	-28	4 14 27	
			83	-20	5 12 29	
			67	-04	6 10 30	
			56	07	7 8 44	
			34	29	8 6 56	
			17	46	53 FT LEFT M.H.T.	
	773	1390	010	617	T.P.	
			526	864	T.P. 30 FT LEFT N 2 ELEV = 8.68	

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2817 PG. 185
No. ____ Date ____ Date ____ Survey of Malibu Area - Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Curtis Notes ____ Date 5-20-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C.T. GALLI Date JUN 29 '69

F. B. 2819 Pg. 186 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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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.

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76L298 307 Cdb 12-62

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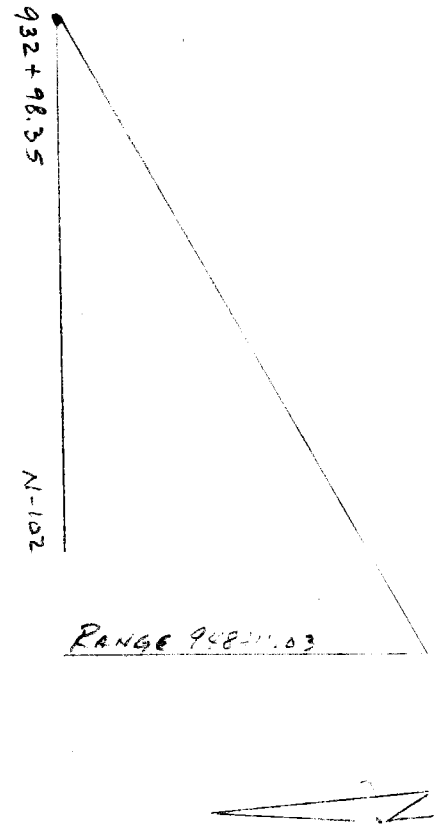
LOS ANGELES COUNTY SURVEYOR

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.	RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
932+98	N-102	10:31	1	306	12			
			2	307	42			
			3	309	36			
			4	311	02			
			5	312	58			
			6	314	31			
			7	316	21			
			8	318	10			
			9	319	53			
			10	321	22			
			11	322	49			
			12	325	04			
			13	327	05			
			14	329	10			
			15	331	37			
			16	333	40			
			17	335	39			
			18	337	06			
			19	338	11			
			20	339	09			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. ____ F. B. 2819 Pg. 187

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes DON Date 5-20-69

No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date [illegible]

F. B. 2819 PG. 188

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

Survey of _____ SAME _____ Date _____ Date _____ No. _____

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

Indexed C. L. GALLI Date _____ Date _____ Date _____ No. _____

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 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
			21	340	23			
			22	341	16			
			23	342	31			
			24	343	31			
			25	344	22			
			26	345	12			
			27	345	43			
			28	346	22			
			29	347	00			
			30	347	41			
			31	348	34			
		10:36	32	349	26			

76-L-298 CE 307 5-66

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.		
					STA. 950+61.76	
	SIGHT ON N-103				94° 23' Lt.	
T.P.				13.09	T.P. Cont. from Sta 948+11.03	
T.P.				12.55	T.P. 1'x2' @ Sta. Sand.	
				13.[illegible]	15 Rt. Sand	
				15.5	29 Rt. "	
	018	758 6		7.40	30' Lt. Sand & 1x2	
					⊼ AT 948+11.03	SIGHT N 103
NOTE:			30	46	49 FT LEFT M.H.T.	
SEE JUNE 9, 1969			70	06	100 FT " SAND	
FOR RE-RUN			85	-09	∡ #1 29° 08'	
			92	-16	2 33 17	
			102	-26	3 39 24	
			125	-49	4 46 04	
			166	-90	5 52 16	
			185	-109	6 56 21	

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. 11 F.B. 2817 Pg. 189
No. ____ Date ____ Date ____ Survey of Malibu Area - Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Curtis Notes ____ Date 5-21-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 [illegible]

F. B. 2819 Pg. 190 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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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.

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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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.		
			STA. 952+37.09			
	Sight on N-103				89°29' Lt.	
[illegible]				13.3[illegible]	TBM #42 [illegible]	
TM				12.26	T.P. 1"x2" @ STA. Sand	
				13.4	22' Bt. Bot. Brk. [illegible]	
				16.5	33' Rt. Top " "	
	0 20	7 55 6		7.35	30' Lt 1"x2" Sand	
					⊼ AT 948+11.08	SIGHT ON N 103
			190	-11 4	∡ #1 39° 40'	
			167	-9 1	2 35 57	
			137	-6 1	3 30 55	
			109	-3 3	4 25 43	
			93	1 7	5 21 18	
			84	0 8	6 15 00	
			68	0 8	7 11 35	
			30	4 6	49 FT LEFT M.H.V	
			0 12	7 43	T.P. 1x2 30 LEFT 953+12.49	

NOTE:
SEE JUNE 9, 1969
FOR RE-RUN.

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2819 Pg. 191
No. ____ Date ____ Date ____ Survey of Malibu Area - Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date 5-21-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C.L. GALLI Date JUN 25 '69

F. B. 2819 PG. 192 Job No._____ Division No._____ Notes Red_____ Plotted_____ Profile

Survey of_____ Date_____ Date_____ No._____

Survey by_____ Notes_____ Notes Chk'd._____ Checked_____ X-Sec.

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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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.

76-L-298 CE 307 5-66

Notes Ck'd by	Survey of HYDROGRAPHIC SURVEY
Map No.	JN 0300.00 Tape — Std — °F
Office Work	Surveyed by RICHARDS
Checked	Notes HARRIET Date 5-20-69
Date	Indexed [redacted] GALLI JUN 25 [redacted]

F. B. 2819 PG. 193

TIDE GAGE READINGS
MAY 20, 1969
TIME - P.S.T.
DATUM - M.L.L.W.

TIME	TIDE
6:00	-0.1
6:30	0.0
7:00	0.1
7:30	0.3
8:00	0.5
8:30	0.9
9:00	1.2
9:30	1.4
10:00	1.8
10:30	2.1
11:00	2.5
11:30	2.6
12:00	2.8
12:30	2.9
1:00	3.0
1:30	3.0
2:00	3.1

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.

Do not extend this side of this line.

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 2819 PG. 194

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend this side of this line.

76-L298 CE 307 3-61

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.		
			STA	950+61.76		
Sight		on N-103			94°23' Lt	
TB.M.#42				13.39	T.B.M.#42 El. 13.39 F.B. 3790-119 Chis+ Top & near end 36" dr. pipe	
T.P.				12.51	T.P. 1"x2" @ STA. Sand.	
				15.4	39' Rt. Sand @ House	
	-018	783		8.01	30' Lt. ~~Sand~~ 1"x2"	
			02	76	30 LT. SAND	
			32	46	53 FT LEFT M.H.T.	
			55		73	
					⊼ AT 948+11.03 SIGHT N 103	
			74	04	4 1 22° 47'	
			79	-01	2 28 37	
			101	-23	3 37 54	
			123	-45	4 43 21	
			141	-63	5 49 25	
			159	-81	6 52 50	

DATUM
MEAN LOWER LOW WATER

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. 2819 Pg. 195

F. B. 2819 Pg. 196 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76-L298 CE 307 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

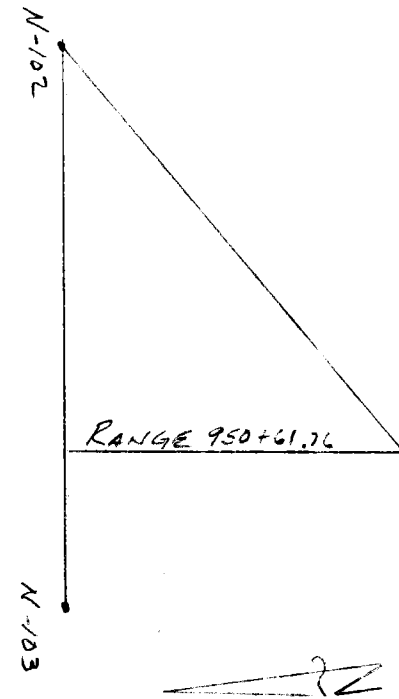
LOS ANGELES COUNTY SURVEYOR

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					
N-102	N-103	7:17	1	293	00			
		PST	2	293	46			
			3	294	49			
			4	295	46			
			5	296	37			
			6	297	48			
			7	298	48			
			8	299	45			
			9	300	25			
			10	301	24			
			11	302	36			
			12	303	48			
			13	305	08			
			14	306	38			
			15	308	01			
			16	309	49			
			17	311	23			
			18	313	00			
			19	314	43			
			20	316	27			



Profile Notes Red. Plotted Job No. Division No. 1

No. Date Date Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes DONE Date 6-9-69

No. Date Date Map No. Indexed R. L. GALL Date

F. B. 819 PG. 197

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 LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
			21	318	07			
			22	319	54			
			23	321	47			
			24	323	26			
			25	324	58			
			26	326	20			
			27	327	33			
			28	329	23			
			29	331	06			
			30	333	06			
			31	334	51			
			32	336	59			
			33	338	48			
			34	340	29			
			35	341	51			
			36	343	45			
			37	345	14			
		7:22	38	346	56			

F. B. 2819 PG. 198

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

Survey of Date Date No. X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed R. D. GALLI Date Date Date No.

76-L298 CE 307 3-61

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.		
			Sta. 952+37.09			
	Sight on N-103				89°29' Lt.	
T.B.M. #42				13.39	T.B.M. #42 Cont. El. 13.39	
T.P.				12.26	T.P. 1"x2" @ Sta. Sand	
				13.5	21' Rt. Bot. Bbk Sand	
				16.2	32' Rt Top " Sand-House	
	-0 18	7 44		7.62	30' Lt. 1"x2" sand	
					⊼ AT 948+11.03 SIGHT N 103	
			182	-10 8	4 #1	38° 01'
			163	-8 9	2	35 37
			142	-6 8	3	32 50
			117	-43	4	28 02
			95	-21	5	22 43
			73	01	6	15 24
			63	11	7	10° 56'
			28	46	50 FT LEFT M.H.T.	

DATUM
MEAN LOWER LOW WATER

File Notes Red. Plotted Job No. 9300.02 Division No. 11 F.B. 2819 Pg. 199
Date Date Survey of Malibu Area Hyd. Survey
Sec. Notes Chkd. Checked Survey by Curtis Notes ASC Date 2-9-19[illegible]
Date Date Map No. Indexed [illegible] Date [illegible]

F.B. 2819 PG. 200

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76-L298 CE 307 3-61

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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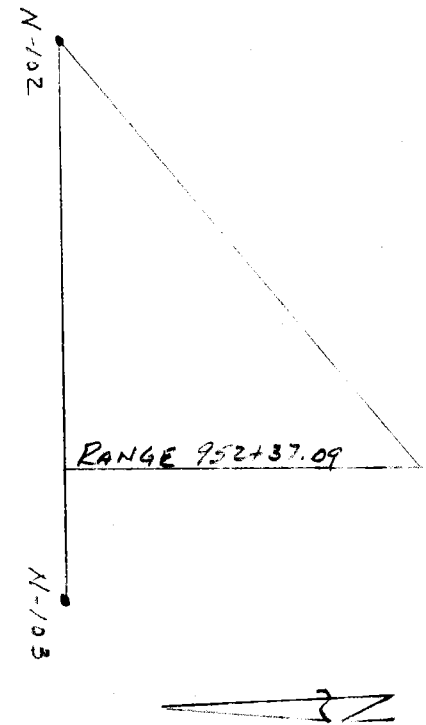
Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-102	N-103	7:30	1	299	54			
		PST	2	300	59			
			3	302	30			
			4	303	41			
			5	305	16			
			6	306	54			
			7	308	33			
			8	310	08			
			9	312	04			
			10	314	20			
			11	316	30			
			12	318	36			
			13	320	22			
			14	321	54			
			15	323	26			
			16	325	13			
			17	326	50			
			18	328	06			
			19	329	28			
			20	331	00			



Profile No.____ Notes Red.____ Plotted____ Job No. 0300.02 Division No. 11 F.B. 2819 PG. 201

Date____ Date____ Survey of MALIBU HYDRO SURVEY

X-Sec. No.____ Notes Chkd.____ Checked____ Survey by RICHARDS Notes DON Date 6-9-69

Date____ Date____ Map No.____ Indexed R.L. GALLI Date JUN 25 [illegible]

F. B. 2819 PG. 202

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

Survey of _____ SAME _____ Date _____ Date _____ No. _____

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

Indexed G. J. GALLI Date _____ Date _____ Date _____ No. _____

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 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.
			21	332	55			
			22	334	44			
			23	336	03			
			24	337	22			
			25	338	59			
			26	341	01			
			27	342	44			
			28	343	32			
			29	344	39			
			30	345	37			
			31	346	36			
			32	347	20			
			33	348	19			
		7:35	34	349	58			

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
					STA 953+12.49	
	Sight on N-103				94°23' Lt.	
T.B.M. #42				13.39	T.B.M. #42 (Cont)	
T.P.				12.08	T.P. 1"x2" @ Sta. Sand	
				14.8	Rt.	Sand
	036	7.77		7.41	30' Lt 1"x2" ~~Sand~~.	
			06	71	30 " SAND	
			32	46	50 FT LEFT M.H.T.	
					⊼ AT 948+11.03	SIGHT N 103
			57	20	Δ 1 8° 30'	
			75	03	2 13 48	
			92	-15	3 20 01	
			107	-29	4 23 18	
			126	-49	5 27 33	
			140	-62	6 30 14	
			161	-83	7 32 48	
			173	-95	8 34 55	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of Malibu Mesa Hyd. Survey
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes ASC Date 6-9-1962
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date 25

F.B. 2819 Pg. 203

F.B. 2819 Pg. 204 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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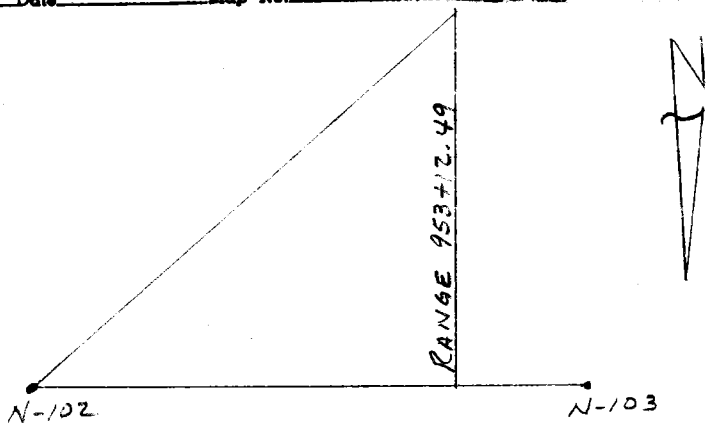
76-L298 CE 307 3-61

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.02 Division No. 11 F. B. 2819 PG. 205

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of MALIBU HYDRO SURVEY

Survey by RICHARDS Notes DON Date 6-9-69

Map No. _____ Indexed C. J. GALLI Date [illegible]25[illegible]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-102	N-103	7:43	1	297	51			
			2	299	21			
			3	300	21			
			4	301	39			
			5	303	12			
			6	304	50			
			7	306	52			
			8	309	18			
			9	311	22			
			10	313	59			
			11	316	41			
			12	319	03			
			13	321	36			
			14	324	12			
			15	326	30			
			16	328	52			
			17	331	35			
			18	334	11			
			19	336	24			
			20	338	09			

76L298 307 Cdb 12-62

76L298 307 Cdb 12-62

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LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
			21	339	39			
			22	341	02			
			23	342	17			
			24	343	43			
			25	344	55			
			26	346	11			
			27	347	13			
			28	348	23			
		7:47	29	349	17			
			~~30~~					

F. B. 2819 PG. 206

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

Survey of Date Date No. X-Sec.

Survey by Notes Chkd. Checked

Indexed B. B. GALLI Date Date Date No.

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
			Sta. 955+63.22			
	Sight on N-103				94° 23' Lt	
T.P.				12.08	T.P. Cont from Sta. 953+12.49	
T.P.				11.99	T.P. 1"x2" @ Sta. Sand	
				15.7	33' Rt. Bot. Brk Sand	
				12.0	45' " Top " House "	
				7.14	30' Lt. 1"x2" sand	
TBM# 43				13.13	TBM#43" El. 13.13 F.B. 3790-119 Bt. Spk in wood pile - 7' high - Near Sta. 910.	
					⊼ AT 948+11.03 SIGHT ON N 103	
	0 07	7 21		7 14		
			14 5	- 73	4 #1 21° 16'	
			17 2	- 100	2 23 42	(OUT MORE)
			13 4	- 62	3 19 54	
			11 2	- 40	4 16 30	
			9 6	- 24	5 13 55	
			8 0	- 08	6 10 07	
			7 0	+ 02	7 8 45	
			6 0	1 2	8 6 04	
			2 6	4 6	45 FT LEFT M.HT. DATUM MEAN L[illegible] [illegible]ATER	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 2819 Pg. 207
No. ____ Date ____ Date ____ Survey of Malibu Creek Hyd. Survey
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 6-1969
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____ N 25

F.B. 2819 Pg. 208

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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76-L298 CE 307 3-61

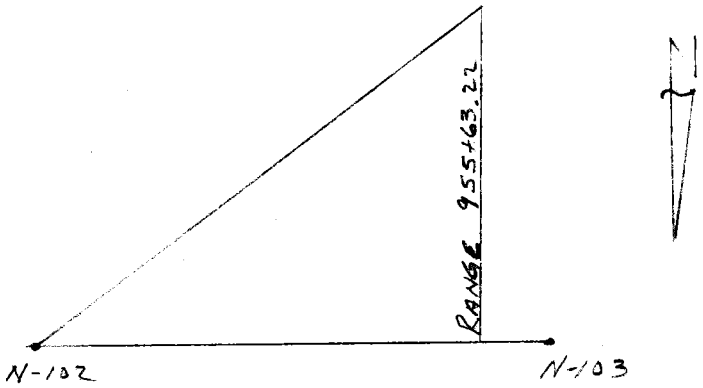
F. B. 2819 Pg. 209

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

Date _____ Date _____ Survey of MALIBU HYDRO SURVEY

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 6-9-69

Date _____ Date _____ Map No. _____ Indexed [illegible] Date [illegible]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Deg.	Line Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
N-102	N-103	7:53	1	311	45			
			2	313	57			
			3	315	23			
			4	317	16			
			5	319	09			
			6	321	32			
			7	323	27			
			8	325	10			
			9	326	41			
			10	328	40			
			11	330	22			
			12	332	24			
			13	334	14			
			14	335	47			
			15	337	04			
			16	338	35			
			17	339	29			
			18	340	41			
			19	341	50			
			20	342	57			

76L298 307 Cdb 12-62

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					
			21	344	10			
			22	345	05			
			23	346	08			
			24	347	02			
			25	347	53			
			26	348	34			
			27	349	16			
			28	349	53			
			29	350	33			
		7:57	30	351	17			

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

Plotted ____ Date ____ Checked ____ Date ____

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

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

SAME

F. B. 2819 PG. 210

Survey of ____

Survey by ____

Indexed ____

76-L298 CE 307 3-61

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.		
				STA. 958+13.95		
	Sight on N-103				94°23' Lt.	
T.P.				11.99	T.P. Cont from STA. 955+63.22	
T.P.				12.46	T.P. 1"x2" @ STA Sand	
				12.3	29' Rt. BOT Brk.	Sand
				15.0	40' Rt. Top " "	"
	-0 63	665		7.28	30' Lt. 1"x2" ~~Sand~~	
		6	+03	69	30 LEFT SAND	
			20	46	46 FT LEFT M.H.T.	
					⊼ AT 955+63.22 SIGHT ON 103	
			53	13	∡ #1 18° 04'	
			63	03	2 25 22	
			73	-07	3 31 22	
			87	-21	4 36 54	
			111	-45	5 44 16	
			125	-59	6 48 26	
			148	-72	7 52 27	
			173	-107	8 56 21	
					~~9~~	

DATUM
MEAN L[illegible] WATER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of Malibu Area - Hyd. Survey
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes ASC Date 6-9-1969
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date [illegible]

FB 2819 Pg. 211

F. B. 2819 Pg. 212 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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

76-L298 CE 307 3-61

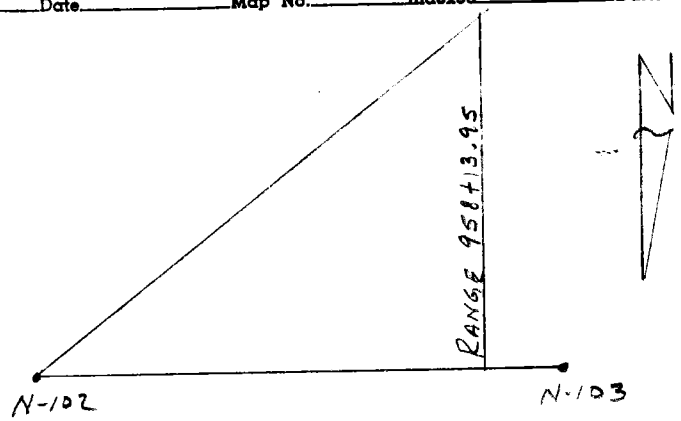
F. B. 2819 Pg. 213

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 23.00.02 Division No. 11

Date _____ Date _____ Survey of MALIBU HYDRO SURVEY

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 6-9-69

Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date [illegible]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-102	N-103	8:02	1	309	00			
			2	310	10			
			3	311	32			
			4	312	53			
			5	314	11			
			6	315	51			
			7	317	13			
			8	318	36			
			9	320	07			
			10	321	53			
			11	323	40			
			12	325	22			
			13	327	03			
			14	328	59			
			15	330	48			
			16	332	58			
			17	335	39			
			18	337	30			
			19	339	07			
			20	340	39			

76L298 307 Cdb 12-62

F. B. 2819 PG. 214

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

Survey of _____ SAME _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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 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.
			21	342	12			
			22	343	26			
			23	344	37			
			24	345	52			
			25	346	40			
			26	347	24			
			27	348	05			
			28	348	49			
			29	349	24			
			30	350	29			
			31	350	53			
			32	351	44			
		8:06	33	352	51			

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
					STa. 960+64.68	
					94° 23' Lt	
	Sight on N-103					
T.P.				12.46	T.P. Cont. from Sta 958+13.95	
T.P.				12.95	T.P. 1"x2" @ Sta.	Sand
				12.6	20' Rt. BoT. Brk.	Sand
				14.8	40' " Top " @ House	"
	-0.04	786 9		7.90	30' Lt. 1"x2" Sand.	
					↑ AT 955+63.22	SIGHT ON N301
			196	-11.7	∡ "1 37° 36'	
			171	-9.2	2 33 55	
			144	-6.5	3 31 36	
			126	-4.7	4 27 00	
			106	-2.7	5 22 34	
			92	-1.3	6 19 23	
			79	0.0	7 15 50	
			71	0.8	8 11 50	
			59	2.0	9 8 58	
			33	4.6	51 FT LEFT M.H.T.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of Malibu Area Hyd. Survey
Notes Chkd. ____ Checked ____ Survey by Cherik Notes 9 SC Date 6-9-1962
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F.B. 2819 Pg. 215

F.B. 2819 PG. 216 | Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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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

76-L298 CE 307 3-61

76L298 307 Cdb 12-62

PLEASE RETURN TO

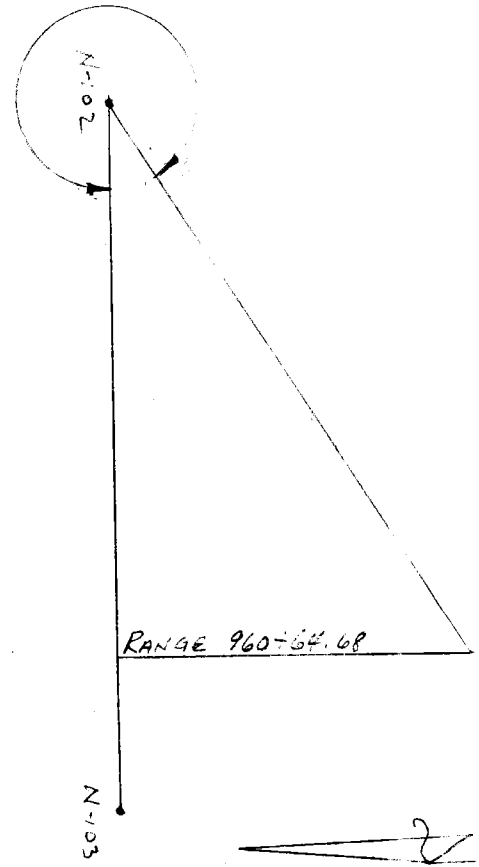
LOS ANGELES COUNTY SURVEYOR

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.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-102	N-103	8:13	1	320	12	39	48	
			2	322	18	37	42	
			3	324	44	35	16	
			4	325	58	34	02	
			5	328	07	31	53	
			6	329	27	30	33	
			7	331	41	28	19	
			8	333	20	26	40	
			9	334	40	25	20	
			10	336	21	23	39	
			11	337	59	22	01	
			12	339	24	20	36	
			13	340	47	19	13	
			14	342	16	17	44	
			15	343	27	16	33	
			16	344	40	15	20	
			17	345	31	14	29	
			18	346	28	13	32	
			19	347	16	12	44	
			20	348	12	11	48	



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2819 Pg. 217

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 6-9-69

No. ____ Date ____ Date ____ Map No. ____ Indexed C.B. GALLI Date [illegible]

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					
			21	348	56	11	04	
			22	349	47	10	13	
			23	350	26	09	34	
			24	350	56	09	04	
			25	351	44	08	16	
			26	352	22	07	38	
		8:17	27	352	50	07	10	

F. B. 2819 PG. 218

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

Survey of Date Date No. X-Sec.

Survey by Notes Chkd. Checked

Indexed G. L. GALLI Date Date No.

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
				Sta 962+37.13		
	Sight on N-103				89° 29' Lt	
T.P.				12.95	T.P. Cont. from Sta 960+64.68	
T.P.				12.97	T.P. 1"x2" @ Sta.	Sand
				14.4		50' Rt. Sand
				12.9	8' Lt. Brk	
				8.68	30' Lt. 1"x2" ~~Sand~~	
T.B.M# 44				14.62	T.B.M# 44 El. 1462 F.B. 3790-119 Chis + T.P. 36" dr. pipe near N-103.	
	0 18	8 86		8.68	⊼ AT 955+63.22	SIGHT ON N 103
		9	06	83	30 FT LT SAND	
			43	46	50 FT LEFT M.H.T.	
			59	40	70 " " SAND	
			77	12	∡ #1 8° 03'	
			88	01	2 11 46	
			99	-10	3 14 10	
			110	-21	4 16 13	
			126	-37	5 19 31	
			147	-68	6 22° 43'	
			169	-80	7 25°-00'	
					~~8~~	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 2819 Pg. 219
No. ____ Date ____ Date ____ Survey of Malibu Area - Hyd. Survey
X-Sec. Notes Chkd. ____ Checked ____ Survey by Curtis Notes ASC Date 9-1969
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F.B. 2819 PG. 220

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

Survey of_____ Date_____ Date_____ No._____

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

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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

76-L298 CE 307 3-61

76L298 307 Cdb 12-62

PLEASE RETURN TO

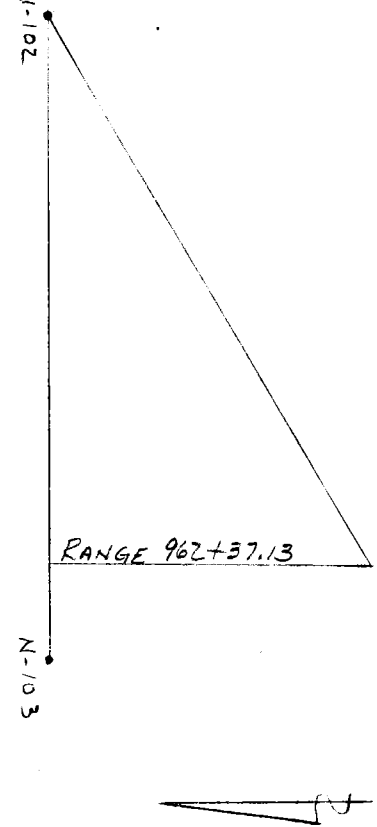
LOS ANGELES COUNTY SURVEYOR

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.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-102	N-103	8:25	1	314	01	45	59	
			2	315	37	44	23	
			3	317	14	42	46	
			4	318	46	41	14	
			5	320	17	39	43	
			6	321	32	38	28	
			7	323	11	36	49	
			8	324	41	35	19	
			9	326	04	33	56	
			10	327	53	32	07	
			11	329	39	30	21	
			12	330	52	29	08	
			13	332	33	27	27	
			14	334	13	25	47	
			15	335	52	24	08	
			16	337	28	22	32	
			17	338	59	21	01	
			18	340	41	19	19	
			19	342	10	17	50	
			20	343	45	16	15	



Profile Notes Red. ____ Plotted ____ Job No. 0500.02 Division No. 11 F.B. 2819 Pg. 221

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DOX Date 6-9-69

No. ____ Date ____ Date ____ Map No. ____ Indexed C.L. GALLI Date [illegible]

F. B. 2819 PG. 222

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

Survey of _____ SAME _____ Date _____ Date _____ No. _____

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

Indexed D. L. GALLI Date _____ Date _____ Date _____ No. _____

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 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.
			21	345	38	14	22	
			22	346	58	13	02	
			23	347	58	12	02	
			24	348	56	11	04	
			25	349	57	10	03	
			26	350	39	09	21	
			27	351	34	08	26	
			28	352	32	07	28	
		8:30	29	353	09	06	51	

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
			Sta 963+15.41			
	Sight on N-103				94° 23' Lt.	
TBM #44				14.62	T.B.M #44 (cont.)	
TP.				13.90	T.P. 1"x2" @ Sta.	Sand.
				15.5	47' Rt. @ House	Sand
				13.2	8' Lt. Brk.	
	-0 33	8 68		9.01	30' Lt. 1"x2" ~~Sand~~	
					⊼ AT 955+63.22	SIGHT ON N103
			177	-90	∡ #1 24° 29'	
			155	-68	2 22 20	
			125	-38	3 18 03	
			110	-23	4 15 18	
			92	-07	5 12 20	
			82	05	6 9 41	
			74	13	7 7 06	
			41	46	55 FT LEFT M.H.T.	
			00	87	30 FT " SAND	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of Malibu Arch. Hyd. Survey
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes P.S. Date 6-9-1967
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F.B. 2819 Pg. 223

F.B. 2819 PG. 224 | Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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

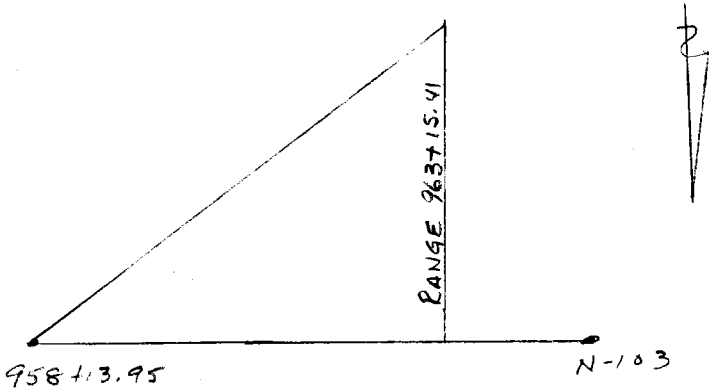
76-L298 CE 307 3-61

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 | F. B. 2819 Pg. 225

X-Sec. No. _____ Date _____ Date _____ Survey of MALIBU HYDRO SURVEY

Notes Chkd. _____ Checked _____ Survey by DON Notes DON Date 6-9-69

Date _____ Date _____ Map No. _____ Indexed [redacted] GALLI Date [redacted]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
958+14	N-103	8:46	1	279	56			
			2	280	50			
			3	281	50			
			4	283	06			
			5	284	24			
			6	285	30			
			7	285	18	← OK		
			8	287	19			
			9	288	51			
			10	291	01			
			11	292	49			
			12	294	47			
			13	296	41			
			14	299	15			
			15	301	22			
			16	303	45			
			17	306	30			
			18	309	01			
			19	311	18			
			20	313	12			

76L298 307 Cdb 12-62

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
			21	314	57			
			22	317	00			
			23	319	11			
			24	322	31			
			25	324	34			
			26	326	15			
			27	328	07			
			28	330	45			
		8:51	29	333	25			

Profile ____ No. ____ X-Sec. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. SAME

Job No. ____ Notes ____ Date ____

Survey of ____

Survey by C. L. GALLI

Indexed ____

F. B. 2819 PG. 226

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
				STA 965 + 65.90		
Sight on N-104					87°00' Lt.	
T.B.M. #44				14.62	T.B.M. #44 (Cont.)	
T.P.				12.62	T.P. 1"x2" @ Sta. Sand	
				13.7	3' Rt. Bot Bk.	Sand
				16.2	26' " Top "	"
				17.3	48' Rt. Sand	
	0 34	7 36		7.02	30' Lt. 1"x2" ~~Sand~~	
		4			⊼ AT 962 + 37.13	SIGHT ON N103
			08	6 6	30 LEFT SAND	
			28	4 6	46 FT LEFT	
			5 3	2 1	75 FT	
			65	0 9	∡ #1	26° 07
			75	-0 1	2	26 31
			88	-1 4	3	31 32
			110	-3 6	4	38 15
			137	-6 3	5	43 38
			161	-8 7	6	48 20
			178	-10 4	7	50 25

DATUM
MEAN L[illegible] WATER

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

F.B. 2819 Pg. 227

F.B. 2819 PG. 228

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

Survey of _____ Date_____ Date_____ No._____

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

Indexed_____ Date_____ Date_____ Date_____ No._____

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

Do not extend notes this side of this line.

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76-L298 CE 307 3-61

76L298 307 Cdb 12-62

PLEASE RETURN TO

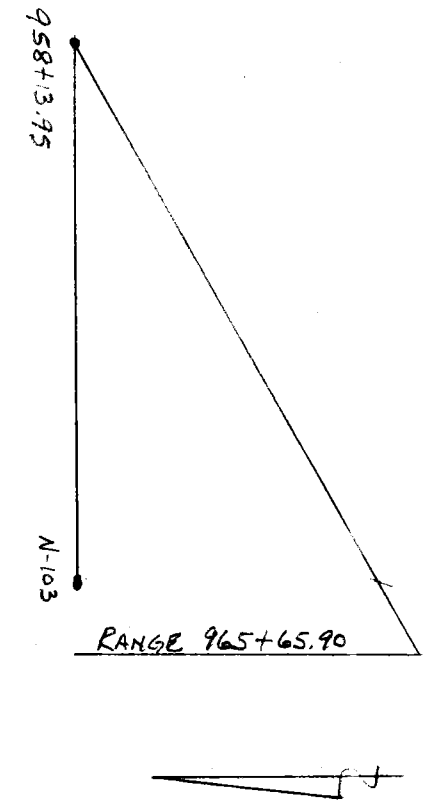
LOS ANGELES COUNTY SURVEYOR

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					
958+14	N-103	9.01	1	286	34			
			2	287	20			
			3	288	07			
			4	289	28			
			5	290	31			
			6	292	12			
			7	293	31			
			8	294	56			
			9	296	27			
			10	298	15			
			11	300	38			
			12	303	05			
			13	305	43			
			14	308	35			
			15	310	27			
			16	312	28			
			17	314	16			
			18	316	22			
			19	318	15			
			20	320	00			



Profile Notes Red. ____ Plotted ____ Job No. 03000.02 Division No. 11 F.B. 2819 Pg 229

No. ____ Date ____ Date ____ Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 6-9-69

No. ____ Date ____ Date ____ Map No. ____ Indexed [redacted] Date [redacted]

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					
			21	321	42			
			22	323	23			
			23	325	02			
			24	326	49			
			25	328	04			
			26	330	17			
			27	331	53			
			28	333	14			
			29	334	41			
			30	336	06			
			31	337	47			
			32	338	37			
		9:07	33	340	19			

F. B. 2819 PG 230

Job No. Division No. Notes Red. Plotted Profile

Survey of SAME Date Date No.

Survey by Notes Chkd. Checked X-Sec.

Indexed G. J. GALLI Date Date No.

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
				Sta 968+16.24		
	Sight on N-164				87°00' Lt	
T.P.				12.62	T.P. 1"x2" Cont. from Sta. 965+65.90	
T.P.				8.23	T.P. 1"x2" @ Sta.	Sand
				12.8	21' Rt. Top Brk	Sand
				14.9	40' Rt.	
				4.46	30' Lt. 1"x2" ~~Sand.~~	
T.B.M. #45				12.98	T.B.M. #45 El. 12.98 F.B. 3790-120 Chis + Top 48" dr. pipe Thru Conc. wall	
	135	581		446	T.P. 1x2 30 FT LEFT	
	~~135~~		17	41	30 FT LEFT SAND.	
			184	-126	4 #1 36° 48	T AT 962+32.13
			142	-86	2 32 27	SIGHT ON N-103
			111	-53	3 28 26	
			85	-27	4 22 56	
			55	03	5 15 24	
			46	12	6 11 50	
			12	46	25 FT LEFT M.H.J.	
				?		

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of Malibu Creek Hyd. Survey
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 4-9-1969
Date ____ Date ____ Map No. ____ Indexed [redacted] Date JUN 25 [redacted]

F.B. 2819 Pg. 231

F.B. 2819 PG. 232 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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

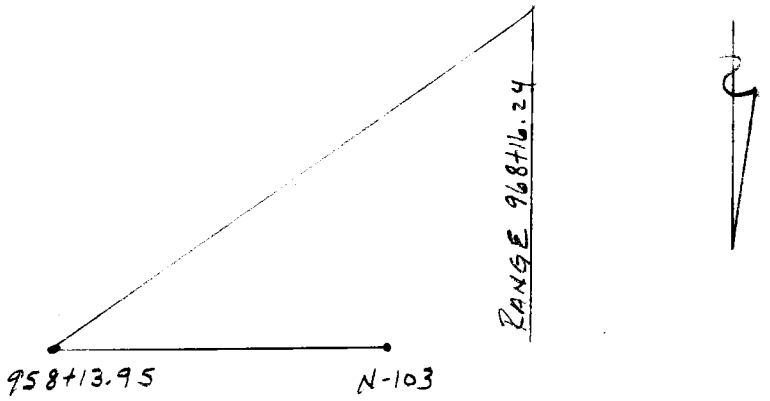
76-L298 CE 307 3-61

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.02 Division No. _____ F. B. 2819 Pg. 233

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of MALIBU HYDRO SURVEY

Survey by [illegible] Notes DON Date 6-9-69

Map No. _____ Indexed [illegible] GALLI Date JUN 25 [illegible]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
958+14	N-103	9:17	1	290	07			
			2	291	09			
			3	292	07			
			4	293	09			
			5	294	14			
			6	295	23			
			7	297	07			
			8	298	35			
			9	300	07			
			10	301	19			
			11	303	03			
			12	304	50			
			13	307	02			
			14	309	22			
			15	311	40			
			16	314	59			
			17	317	12			
			18	319	25			
			19	322	25			
			20	325	12			

76L298 307 Cdb 12-62

F. B. 2819 PG. 234 Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ SAME Date _____ Date _____ No. _____

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

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

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 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.
			21	327	44			
			22	329	49			
			23	332	05			
			24	334	09			
			25	335	30			
			26	336	35			
			27	338	08			
			28	339	17			
			29	340	27			
			30	341	42			
			31	342	44			
			32	343	17			
		9:22	33	344	07			

76-L298 CE 307 3-61

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.		
				Sta. 970+66.58		
	Sight	on	N-104		87°00' Lt.	
T.B.M. #45				12.78	T.B.M. #45 (Cont)	
				9.0	27' Rt. Bot. 8' Conc. wall	sand
				17.0	27' " Top " "	"
T.P.	1 16	6 58		5.42	T.P. 1"x2" @ Sta.	Sand
		6	14	5 2	℄ at 968+16.24	SIGHT ON N 104
			20	4 6	5 FT. LEFT M.H.T.	
			46	2 0	42 FT.	
			56	1 0	4 #1 13° 56'	
			69	-0 3	2 23 56	
			103	-3 7	3 36 36	
			95	-2 9	4 34 29	(CAME IN)
			113	-4 7	5 40 37	
			129	-6 3	6 44 08	
			164	-9 8	7 48 08	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red. Plotted Job No. Division No. 11
No. Date Date Date Survey of Malibu Canyon Flood Survey
X-Sec. Notes Chkd. Checked Survey by Notes Date 1-9-1967
No. Date Date Map No. Indexed [redacted] GALLI Date [redacted]

F.B. 2819 Pg. 235

F.B. 2819 PG. 236 | Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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

76-L298 CE 307 3-61

76L298 307 Cdb 12-62

PLEASE RETURN TO

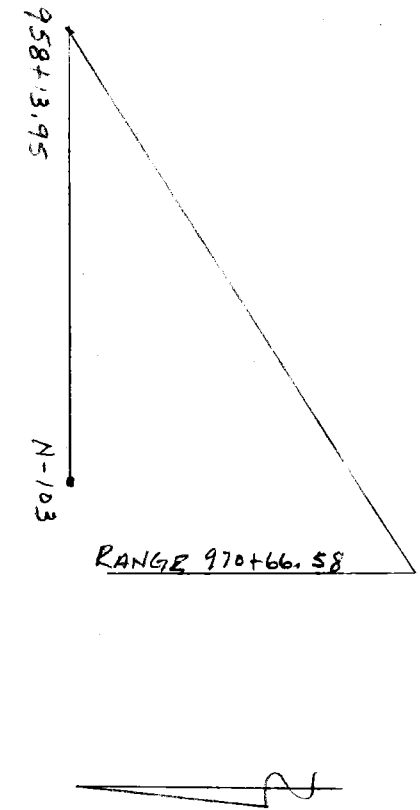
LOS ANGELES COUNTY SURVEYOR

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					
958+14	N-103	9:29	1	295	39			
			2	296	46			
			3	297	52			
			4	300	07			
			5	302	10			
			6	304	00			
			7	306	19			
			8	308	40			
			9	310	52			
			10	312	54			
			11	314	49			
			12	316	59			
			13	319	31			
			14	322	16			
			15	325	07			
			16	327	53			
			17	330	16			
			18	332	27			
			19	334	42			
			20	336	51			



Profile Notes Red. Plotted Job No. 0300.07 Division No. 11 F.B. 2819 Pg. 237

No. Date Date Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes DON Date 6-9-69

No. Date Date Map No. Indexed [illegible] Date [illegible]

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					
			21	338	37			
			22	340	05			
			23	341	33			
			24	342	29			
			25	343	31			
			26	344	12			
			27	344	37			
			28	345	11			
			29	346	01			
		9:34	30	346	49			

F. B. 2819 PG. 238

Job No. Division No. Notes Red. Plotted Profile

Survey of SAME Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed G. L. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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.				
			STA 973+16.92					
	Sight on N-104				87°00' Lt.			
TBM #46				6.22	T.B.M. #46 El. 6.22 PR pg. 120 - Bt SP [illegible] No. side piling [illegible]			
				5.42	T.P. cont. from STA 970+66.58			
				9.0		44	Rt. Bot. Brk	Sand
				15.6		59	" Top "	"
T.P.	1 61	5 86		4.25	T.P. 1"x2" @ STA. ~~Sand~~			
	~~1 61~~	9	1 9	4 0	℄ SAND			
			16 3	-10 4	⊼	1	30° 06'	⊼ AT 968+16.24
			12 9	-7 0		2	26 15	SIGHT ON N 104
			11 2	-5 3		3	23 48	
			8 9	-3 0		4	18 12	
			7 8	-1 9		5	15 37	
			6 7	-0 8		6	12 17	
			5 5	0 4		7	8 49	
			4 7	1 2		8	5° 00'	
			1 3	4 6	6 FT RIGHT M.H.T.			

DATUM
MEAN LOWER LOW WATER

Profile No. ____ X-Sec. No. ____ Notes Red ____ Date ____ Notes Chk'd. ____ Date ____ Plotted ____ Date ____ Checked ____ Date ____ Job No. ____ Survey of ____ Survey by ____ Map No. ____ Division No. ____ Notes ____ Indexed D. L. GALLI Date JUN 25 '68 Date ____

F. B. 2819 PG. 239

F. B. 2819 Pg 240 | Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76-L-298 CE 307 5.66

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

Do not extend notes this side of this line.

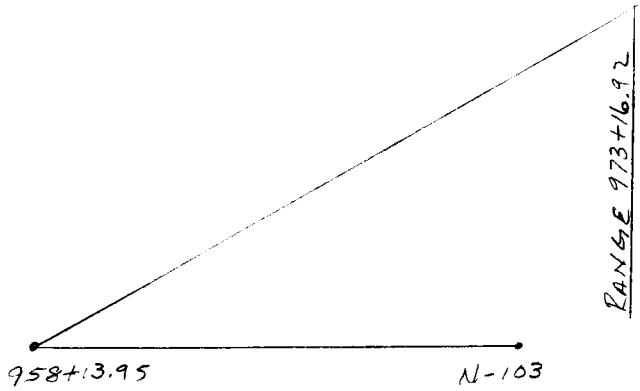
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 5300.02 Division No. 11 | F. B. 2819 Pg. 241

X-Sec. No. _____ Date _____ Date _____ Survey of MALIBU HYDRO SURVEY

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 6-9-69

Date _____ Date _____ Map No. _____ Indexed [redacted] GALLI Date JUN 25 [redacted]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
958+14	N-103	9:43	1	298	12			
			2	299	21			
			3	300	40			
			4	301	56			
			5	303	27			
			6	304	53			
			7	306	12			
			8	307	14			
			9	308	23			
			10	309	23			
			11	310	23			
			12	311	33			
			13	312	38			
			14	314	17			
			15	315	20			
			16	317	09			
			17	318	38			
			18	320	11			
			19	321	47			
			20	323	50			

76L298 307 Cdb 12-62

F. B. 2819 PG. 242

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

Survey of _____ SAME Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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 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.
			21	325	56			
			22	327	45			
			23	330	00			
			24	331	59			
			25	333	50			
			26	335	43			
			27	337	05			
			28	339	08			
			29	340	48			
			30	342	18			
			31	343	29			
			32	344	26			
			33	345	19			
			34	345	56			
			35	346	51			
		9:48	36	347	45			

76-L-298 CE 307 5-66

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.		
			STA. 975+67.26			
	Sight on N-104				87°00' Lt.	
T.B.M. #46				6.22	TBM #46 (Cont)	
T.P.				3.56	T.P. 1"x3" @ Sta. Sand	
				5.5	27' Rt. Sand	
				8.5	54' Rt Bot. Wd Ret Wall-Sand	
				15.5	54' Rt Top. " " "	
T.B.M. #22				6.22	TBM #22	
T.P.				5.52	T.P. only	
					⊼ 968 + 16.24	SIGHT ON N 104
	232	5 88		3 56	T.P. ℄	
		9	26	33	℄ SAND	
			13	46	17 FT RIGHT M.H.T.	
			40	19	21 FT LEFT SAND	
			52	07	∡ #1 3° 53'	
			63	-04	2 6 56	
			90	-31	3 12 05	
			99	-40	4 13 50	
			115	-56	5 16 12	
			137	-78	6 18 27	
			162	-103	7 20 50	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of [illegible] Hyd Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date 6-9-[illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date JUN 2 5 '66

F. B. 2819 Pg. 243

F. B. 2819 PG. 244 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chk'd. Checked X-Sec.

Indexed Date Date Date No.

76-L-298 CE 307 5-66

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.

76L298 307 Cdb 12-62

PLEASE RETURN TO

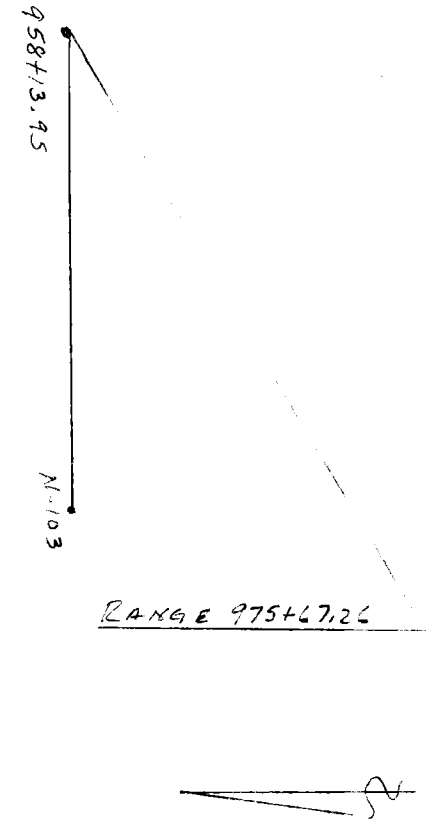
LOS ANGELES COUNTY SURVEYOR

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					
958+14	N-103	9:56	1	303	35			
			2	304	29			
			3	305	46			
			4	307	05			
			5	308	45			
			6	310	27			
			7	311	43			
			8	313	33			
			9	315	16			
			10	317	14			
			11	319	12			
			12	321	16			
			13	323	16			
			14	325	39			
			15	327	33			
			16	329	33			
			17	331	26			
			18	333	51			
			19	335	45			
			20	337	03			



Profile Notes Red. Plotted Job No. 0300.97 Division No. 11 F. B. 2819 PG. 245

No. Date Date Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes DON Date 6-9-69

No. Date Date Map No. Indexed [redacted] Date [redacted]

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					
			21	338	49			
			22	340	23			
			23	341	30			
			24	342	28			
			25	343	25			
			26	344	24			
			27	345	10			
			28	345	49			
			29	346	24			
			30	347	03			
			31	347	43			
			32	348	15			
		10:01	33	348	44			

F. B. 2819 PG 296

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 G.J. GALLI

76-L-298 CE 307 5-66

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.		
					STA. 978+17.60	
	Sight on N-104				87°00' Lt.	
T.P.				5.52	T.P. Cont. from Sta. 976+67.26	
T.P.				3.95	T.P. 1"x2" @ Sta.	~~Sand~~
				5.5	35' Rt.	Sand
				8.0	61' Rt.	" under House
T.P.				7.20	T.P. only (Rock)	
					⊼ AT 968+16.24 SIGHT N 104	
	264	6 59		3.95	T.P. ℄ STA.	
		6	31	35	℄ SAND	
			168	-102	∡ #1 15° 37'	
			132	-66	2 13 01	
			115	-49	3 11 16	
			95	39	4 8 43	
			83	-15	5 7 01	
			68	-02	6 4 52	
			60	06	7 3 05	
			48	18	27 FT.	
			20	46	13 FT LEFT M.H.T.	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of Stabilization Area Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes DRAFT Date 6-9
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 25 '68

F.B. 2819 PG. 247

F. B. 2819 Pg. 248

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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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.

76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

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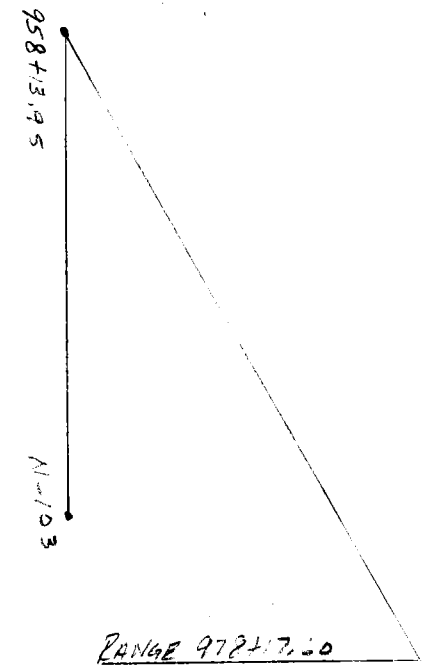
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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					
958+14	N-103	10:08	1	305	40			
		PS—	2	307	14			
			3	308	35			
			4	310	02			
			5	311	10			
			6	312	22			
			7	313	29			
			8	314	45			
			9	316	32			
			10	317	46			
			11	319	06			
			12	320	30			
			13	321	36			
			14	323	02			
			15	324	30			
			16	325	53			
			17	327	24			
			18	328	58			
			19	330	33			
			20	331	53			



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F.B. 2819 Pg. 249

No. Date Date Survey of MALIBU HYDRO SURVEY

X-Sec. Notes Chkd. Checked Survey by [illegible] Notes DON Date 6-9-69

No. Date Date Map No. Indexed [illegible] Date JUN 25 [illegible]

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					
			21	333	39			
			22	335	20			
			23	336	45			
			24	338	14			
			25	339	24			
			26	341	01			
			27	342	03			
			28	343	01			
			29	344	04			
			30	344	55			
			31	345	55			
			32	346	38			
			33	347	26			
			34	348	12			
			35	348	39			
			36	349	20			
		10:13	37	350	15			

F. B. 2819 Pg. 250

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No. X-Sec.

Survey by Notes Chkd. Checked

Indexed C.L.GALLI Date Date No.

76-L-298 CE 307 5-66

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.		
			STA 980+67.94			
	Sight on N-104				87°00' Lt	
T.P.				7.20	T.P. Cont. from sta. 978+17.60	
T.P.				4.74	T.P. 1"x2" @ STA.	Sand
				11.9	48' Bt. Bot BBK.	Sand
				16.9	62' " Top "	"
T.B.M. #47				8.54	T.B.M. #47 Bt. Spk in Wd. Pile SW. Cor Bldg. # 22724	
					⊼ AT 978+17.60 SIGHT N 104	
	1 52	6 26		4 74	1x2	
		3	1 8	4 5	℄ SAND	
			1 7	4 6	1 FT RIGHT M.H.T.	
			4 6	1 7	35 FT LEFT SAND.	
			5 9	0 4	∡ #1 14° 33'	
			6 9	-0 6	2 20 58	
			8 0	-1 7	3 26 20	
			9 4	-3 1	4 32 17	
			10 7	-4 4	5 37 06	
			12 3	-6 0	6 41 13	
			14 4	-8 1	7 44 56	
			16 6	-10 3	8 48 09	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of Malibu Area Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes PREISE Date 6-9
No. ____ Date ____ Date ____ Map No. ____ Indexed C.L. GALLI Date JUN 25 '68

F. B. 2819 PG. 251

F. B. 2819 PG. 252

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

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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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.

76-L-298 CE 307 5-66

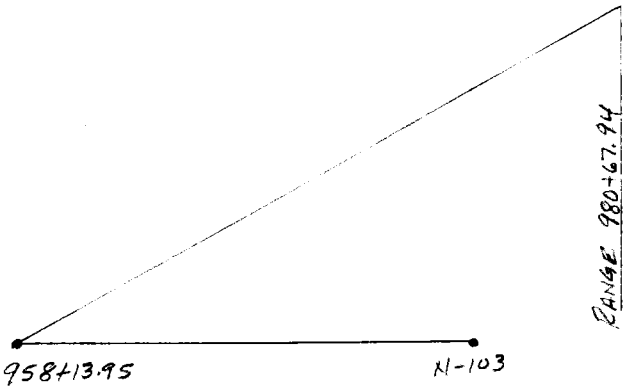
F. B. 2819 Pg. 253

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

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of MALIBU HYDRO SURVEY

Survey by RICHARDS Notes DON Date 6-9-69

Map No. _____ Indexed [redacted] Date [redacted]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Deg.	For Office Use Only: Line Min.	For Office Use Only: Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
958+14	N-103	10:23	1	310	16			
			2	311	35			
			3	313	17			
			4	315	02			
			5	316	46			
			6	318	04			
			7	319	43			
			8	321	42			
			9	323	36			
			10	325	47			
			11	327	54			
			12	330	37			
			13	332	47			
			14	335	01			
			15	337	21			
			16	339	26			
			17	341	09			
			18	342	36			
			19	343	52			
			20	344	52			

76L298 307 Cdb 12-62

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					
			21	345	46			
			22	346	47			
			23	347	42			
			24	348	16			
			25	348	45			
			26	349	06			
			27	349	29			
		10:28	28	350	15			
			~~29~~					

F. B. 2819 PG. 254

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

Survey of Date Date No. X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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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. N-104 985+06.82 1"x2'

STATION	B. S.	H. I.	F. S.	ELEV.		
			STA. 983 + 18.28			
	Sight on N-104				87° 00' Lt	
T.B.M. #47				8.54	T.B.M. #47 (Cont)	
T.P.				6.17	T.P. 1"x2" @ STA.	~~Sand~~.
				8.9		35' Rt. under Bldg. Sand.
					⊼ AT 978 + 17.60	SIGHT N 104
	0 46	6 63		6 17	T.P. 1x2	
			0 9	5 7	℄ SAND	
			17 6	-10 0	4 #1 31° 43'	
			15 0	-8 4	2 27 56	
			11 9	-5 3	3 23 25	
			10 0	-3 4	4 19 10	
			8 5	-1 9	5 15 16	
			7 1	-0 5	6 11 37	
			6 2	0 4	7 8 25	
			5 4	1 2	8 5 41	
			3 3	3 3	25 FT LEFT SAND	
			2 0	4 6	10 " M.H.T.	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of Malibu Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Curtis Notes Checked Date 6-9-
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date JUN 25 '68

F. B. 2819 Pg. 255

F. B. 2819 PG. 256 Job No. _____ Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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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.

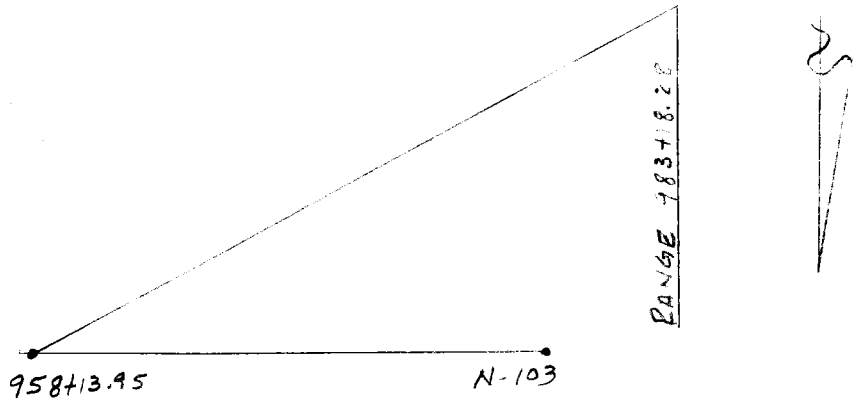
76-L-298 CE 307 5-66

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 2300.02 Division No. _____ F. B. 2819 Pg. 257

X-Sec. No. _____ Date _____ Date _____ Survey of MALIBU HYDRO SURVEY

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 6-9-69

Date _____ Date _____ Map No. _____ Indexed [redacted] Date [redacted]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
958+14	N-103	10:34	1	312	01			
			2	313	44			
			3	317	58			
			4	320	34			
			5	322	31			
			6	324	49			
			7	326	28			
			8	328	20			
			9	330	48			
			10	333	05			
			11	334	52			
			12	336	44			
			13	338	54			
			14	340	46			
			15	342	49			
			16	344	10			
			17	344	57			
			18	345	37			
			19	346	30			
			20	347	01			

76L298 307 Cdb 12-62

F. B. 2819 PG. 258 Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

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

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 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.
			21	347	47			
			22	348	08			
			23	348	30			
			24	349	00			
			25	349	22			
			26	349	41			
		10:40	~~27~~	~~350~~	~~00~~			

Notes Ck'd by	Survey of HYDROGRAPHIC SURVEY
Map No.	JN 9300.02 Tape — Std — °F
Office Work	Surveyed by RICHARDS
Checked	Notes HARRIET Date 6-9-69
Date	Indexed C.J. GALLI JUN 25 '69

F. B. 2819 PG. 259

TIDE GAGE READINGS
JUNE 9, 1969
TIME - P.S.T.
DATUM - M.L.L.W.

TIME	TIDE
6:00	3.4
6:30	3.3
7:00	3.2
7:30	2.9
8:00	2.6
8:30	2.3
9:00	2.0
9:30	1.7
10:00	1.5
10:30	1.4
11:00	1.3
11:30	1.4
12:00	1.4
12:30	1.8
1:00	2.0
1:30	2.6
2:00	3.0

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

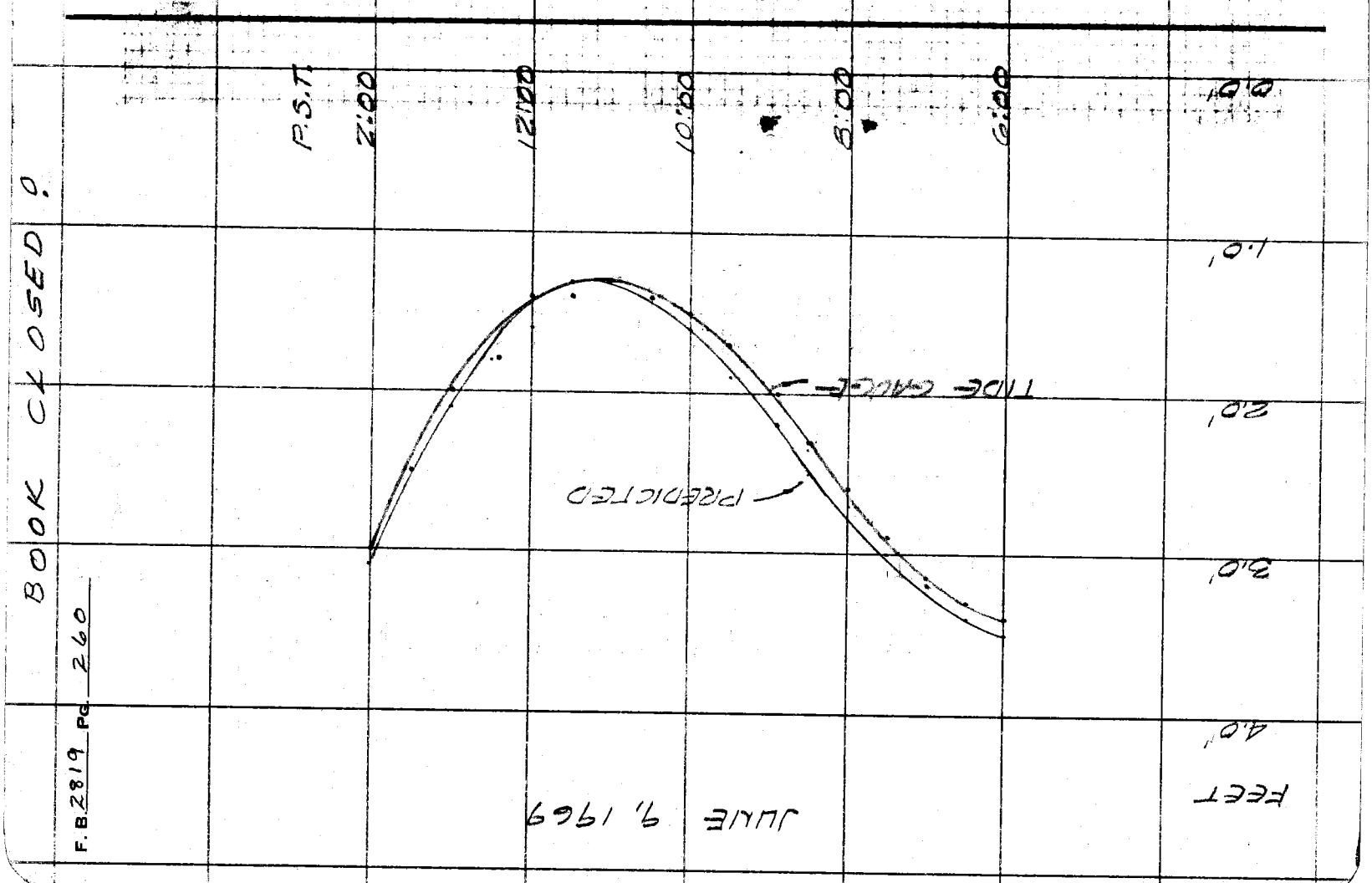
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F3095 CE#310 3-68

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

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

Do not extend this side of this line.