Notes Ckd by
Office Work

Survey of MALIBU AREA HYD. SURVEYS
JN 0300.02 Tape — Std. — °F
Surveyed by RICHARDS
Notes RICHARDS Date
Indexed C. J. GALLI MAY 17 '67

F. B. 3795 PG. 5

J.N. 0300.02

MALIBU AREA HYDROGRAPHIC SURVEY

CROSS-SECTION SURVEYS

STA. 1225+28.80 N.
STA. 1308+26.23 N. (END OF THIS JOB)
CONTINUED FROM F.B. 3794 PG 250
CONTROL LINE SURVEY SEE F.B. 3790: 9-82, INC.
DATUM = M.L.L.W.
SURVEY LETTER NO. 4707, 4707-A

HARDS	WILSON	DREIER	
EN	ADAMS	WILKS	
GER	MANLEY	SIEMANN	
RILL	TULLIER	McKNIGHT	
KSON	FISHER	GEROLD	SWIMMERS
DWIN		GREGG	
MONT		AMUNDSON	

Not microfilmed.

Notes Ck'd by		Survey of MALIBU AREA HYDROGRAPHIC SURVEY	F.B. 3795 Pg. 7
Map No.		JN 0700.02 Tape	Std °F
Office Work		Surveyed by RICHARDS	
Checked		Notes UNARRIET Date 5-1-67	
Date		Indexed L. J. GALL	

TIDE GAGE READINGS
MAY 1, 1967
TIME - P.S.T.
DATUM - M.L.L.W.

TIME	TIDE
6:00	
6:30	
7:00	
7:30	0.8
8:00	0.5
8:30	0.2
9:00	-0.1
9:30	-0.3
10:00	-0.5
10:30	-0.3
11:00	-0.3
11:30	-0.1
12:00	0.2
12:30	0.6
13:00	1.0
13:30	1.3
14:00	1.8

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

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

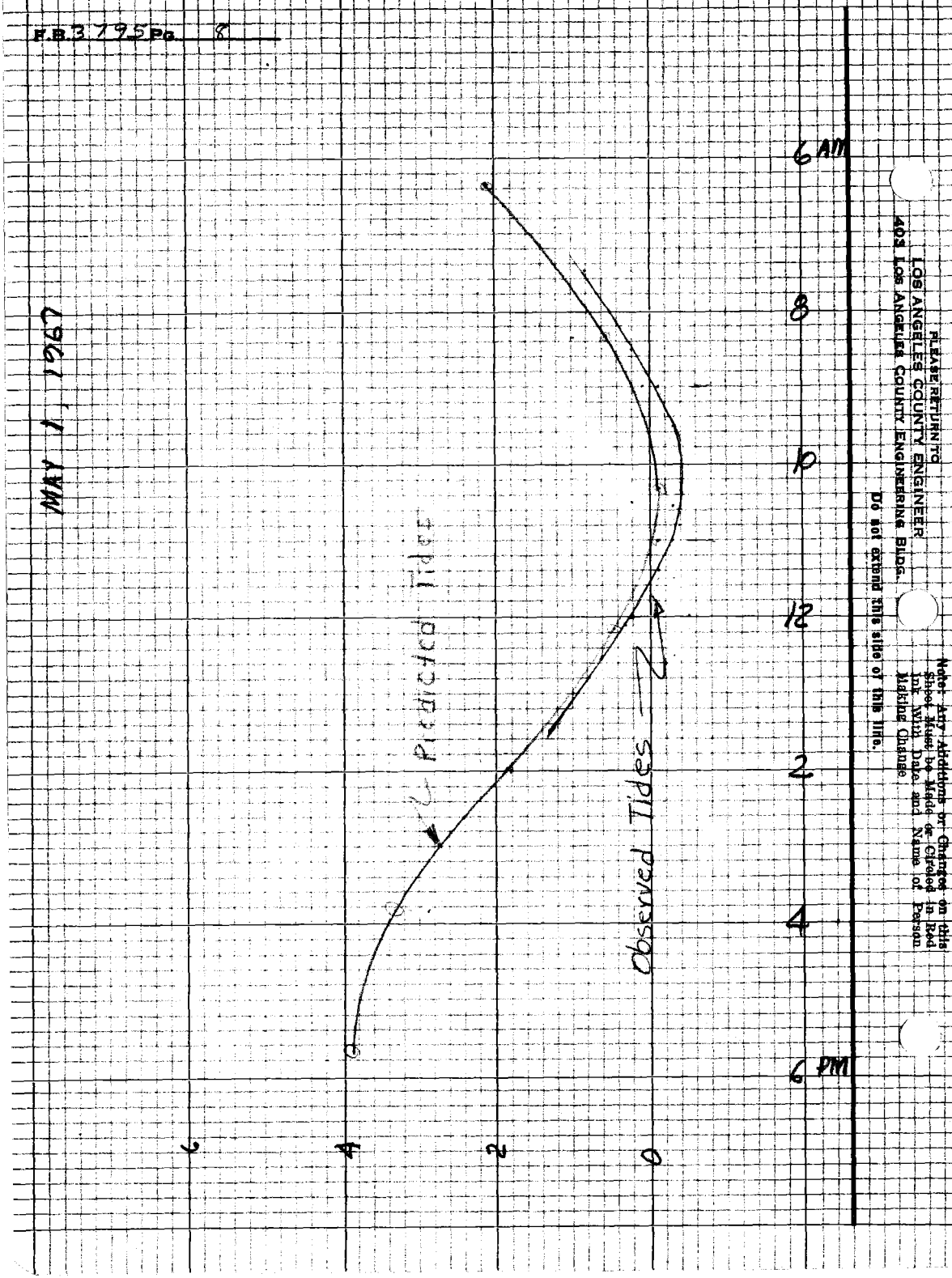
Do not extend this side of this item.

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

76P2098 CE #310 5-66

F.B. 3795 Pg. 8

MAY 1, 1967



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

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

Do not extend this side of this line.

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.	1225+28.8 N	
	582	1376		794	T.P. FROM PREVIOUS PG 247, F.B. 3794	
			1146	230	28 LEFT SET 1X2 ✓	OK 5-1-67
			92	46	2 M.H.W. SAND	
			686	690		℄ SET 1X2
			90	48		℄ SAND
			282	1094		40 RIGHT SET 1X2 UP 1.0
			10	128		64 BOT BANK
			+174	312		90 TOP " SHLDR RD
1227 +49			78	60		℄ GR CH
T.P.			806	570		
					CUT GUN AT 1222+74.4 SIGHT ON 1225+28.8	
	020	817 ✓		797	1X2 ℄ STA. 1222+74.4	
			63	19	25 FT LEFT	
			86	-04	#1 12° 42'	
			96	-14	2 18 30'	
			124	-42	3 29 01	
			143	-61	4 36 03	
			152	-70	5 41 59	
			177	-95	6 47 56	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3795 Pg. 9
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-1-67 5-28-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

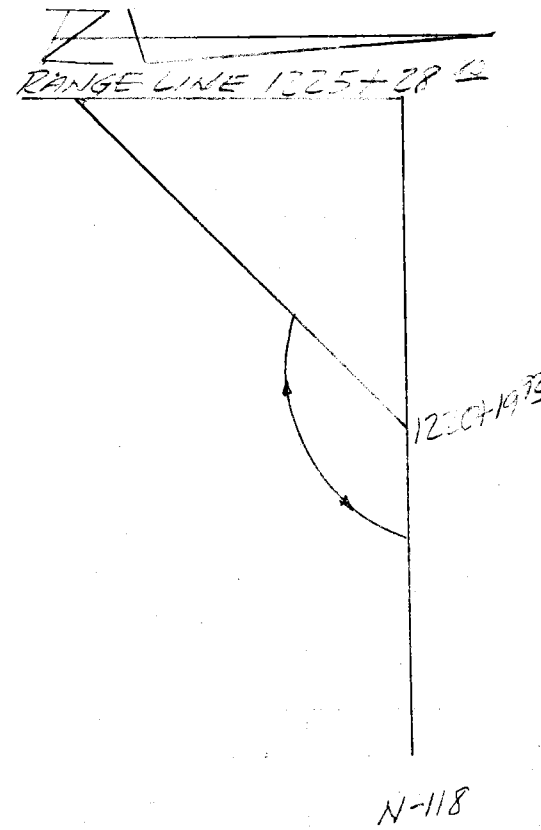
76S420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1220+19.92	N-118	8:41	1	119°	48'			
			2	121°	11'			
			3	122°	33'			
			4	125°	15'			
			5	127°	04'			
			6	127°	41'			
			7	127°	30' ✓			
			8	128°	36'			
			9	129°	36'			
			10	130°	39'			
			11	131°	31'			
			12	132°	30'			
			13	133°	46'			
			14	135°	19'			
			15	135°	54'			
			16	139°	15'			
			17	144°	37'			
			18	148°	30'			
		8:47	19	151°	17'			
				00	00			
				00	00			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 11
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 5-1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLT Date ____

F. B. 3795 PG. 12 | 0300.02 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEY Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

Inst. At (Don't Punch)	Sight On (Don't Punch)	Time (Don't Punch)	Angle № (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 №

Do not extend notes this side of this line.

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

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Range Min.	Line	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch						
				60	12				
				58	49				
				57	27				2252908
				54	45				
				52	56				
				52	19				2252910
				52	30				
				51	24				
				50	24				2252912
				49	21				
				48	29				
				47	30				2252914
				46	14				
				44	41				
				44	06				2252916
				40	45				
				35	23				
				31	30				2252918
				28	43				
				00	00				
				00	00				2252920

Profile Notes Red. Plotted Job No. Division No.

No. Date Date Survey of

X-Sec. Notes Chkd. Checked Survey by Notes

No. Date Date Map No. Indexed Date Date

F. B. 3705 Pg. 11 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.

Plotted Date Checked Date

Division No. Notes Red. Date Notes Chkd. Date

Job No. Notes Date

F. B. 3795 Pg. 12 A

Survey of

Survey by

Indexed

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No. Don't Punch	Hor. Angle Deg.	Min.	For Office Use Only Range Line Deg.	Min.	Card No.
				00	00			
				00	00			
				00	00			2252922
				100	44			
				00	00			
				00	00			2252924
				00	00			
				00	00			
				00	00			2252926
				100	44			
				00	00			
				00	00			2252934
				00	00			
				00	00			
				00	00			2252936
				47	56			
				41	59			
				36	03			2252938
				29	01			
				18	30			
				12	42			2252940

X

76-L-298 CE 307 2-63

BT STOP @ 12[illegible]+4

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.	1227+832	
	392	962		570.	T.P. FROM PREVIOUS PG AHEAD	
			73 LEFT	23.	75 BOT BANK BEGIN FILLED AREA	
			600	362.	67 SET PAINT ON ROCK	
			238	724.	℄ BOT FILL	
			01	95.	℄ SET IX3 RIGHT	
			+232	328.	AREA FILLED WITH BROKEN CONC. CURBS	27 BEGIN FILL "BOT" SHLDR RD
						63 TOP BANK
1228+013			+156	252.	℄ TOP BANK	
1228+60			+164	260.	℄ BOT "	
1228 +70			+203	299.	℄ TOP "	
T.P.	1155	1725	392	570.		
T.P.			797	928.		
					CUT GUN AT 1222+74 SIGHT ON N-119	
	212	574		362.	ROCK 67 FT LEFT	
			37	29.	50 FT LEFT SAND	
			50	07.	100 " "	
			85	-28.	#1 16° 01'	
			139	-82.	2 23 27	
			161	-104.	3 28 12	
			172	-115.	4 30 32	

DATUM
MEAN LOWER LOW WATER

Profile Noted Red ____ Plotted ____ Job No. 300.02 Division No. 11
No. ____ Date ____ Date ____ Survey of PLAT 1320 HWY 2
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes ADAMS Date 5-1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3795 Pg. 17

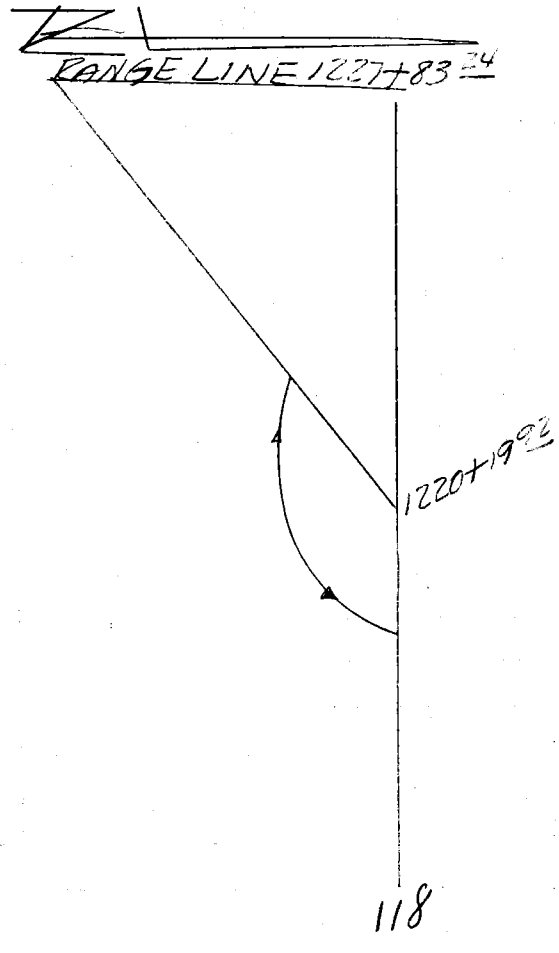
765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Range Min.	Line	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch						
1220+19.92	N-118	9:05	1	124°	38'				
			2	125°	31'				
			3	126°	56'				
			4	128°	26'				
			5	130°	02'				
			6	131°	48'				
			7	134°	17'				
			8	135°	30'				
			9	136°	40'				
			10	136°	56'				
			11	137°	31'				
			12	138°	05'				
			13	138°	41'				
			14	138°	59'				
			15	140°	50'				
			16	144°	01'				
			17	145°	05'				
			18	146°	00'				
			19	147°	18'				
			20	148°	06'				



Profile Notes Red. Plotted Job No. Division No.
No. Date Date Survey of HYDROGRAPHIC SURVEY F. B. 3795 Pg. 15
X-Sec. Notes Chkd. Checked Survey by E.C. HANDS Notes Date
No. Date Date Map No. Indexed C.J. GALLI Date

F. B. 3795 Pg. 16 | 0300-02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed C. J. GALLI Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	For Office Use Only Range Line Min.	For Office Use Only Card No.
			21	150°	38'			
			22	153°	49'			
		9:10	23	157°	18'			

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					
				55	22			
				54	29			
				53	04			2278308
				51	34			
				49	58			
				48	12			2278310
				45	43			
				44	30			
				43	20			2278312
				43	04			
				42	29			
				41	55			2278314
				41	19			
				41	01			
				39	10			2278316
				35	59			
				34	55			
				34	00			2278318
				32	42			
				31	54			
				29	22			2278320

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. 3795 PG. 15A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F. B. 3705 Pg. 16A Job No. Division No. Notes Red. Plotted. No.

Survey of Date Date X-Sec.

Survey by Notes Notes Chkd. Checked. No.

Indexed Date Date Date

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No. Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
				26	11			
				22	42			
				00	00			2278322
				00	00			
				00	00			
				00	00			2278324
				100	44			
				00	00			
				00	00			2278326
				00	00			
				00	00			
				00	00			2278328
				100	44			
				00	00			
				00	00			2278336
				00	00			
				00	00			
				00	00			2278338
				30	22			
				28	12			
				23	27			2278340

X

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.	1230+41.83 N	
	6.17	15.45		9.28	T.P. FROM PREVIOUS PG.	
			8.83	6.62	OUT LEFT ~~80 SET 1x2~~	
			10.9	4.6	62 M.H.W.	
			~~2.71~~	~~12.74~~	OUT ~~30 SET 1x2 UP 1.5~~	
			1.8	13.7	18 BOT BANK	
			+15.5	31.0	7 TOP "	
			+15.8	31.29		℄ SET 1x2 RIGHT
			+18.9	34.4		82 SHLDR. RD.
1232 +72			+16.9	32.4		℄ TOP BANK DRAIN
1232 +85			+5.5	21.0		℄ BOT DRAIN
T.P.			8.56	6.89		
					CUT GUN N-119	SIGHT ON N-120
	1.20	13.19		11.99	ROCK 25 FT LEFT	RANGE LINE 1233+02.8
	1.57	5.71	8.95	4.24	T.P	
			0.1	5.6	70 FT LEFT	
			1.1	4.6	80 " " M.H.W	
			3.2	2.5	100 " "	
			5.8	-0.1	130 " "	
			9.1	-3.4	#1 39° 32'	
			13.4	-7.7	2 46 20	
			15.6	-9.8	3 49 50	

DATUM
MEAN LOWER LOW WATER

CONT

Profile No. ___ Notes Red ___ Date ___ Plotted ___ Date ___ Job No. 2300.02 Division No. 11 Survey of MALIBU HYDRO Survey by WILSON Notes Adams Date 5-1-67 Map No. ___ Indexed C. J. GALLI Date ___

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

F.B. 3795 Pg. 17

F.B. 3795 Pg. 18 | 0300,02 Job No. | Division No. 11 | Notes Red | Plotted | Profile

Survey of HYD. SUR. | Date | Date | No.

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

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

76-L-298 CE 307 2-63

PLEASE RETURN TO
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.	
		5 8/1			1230+41 83 N COUNT
			161	10 3 4	4 53° 59'
			157	9 9	5 54 43
			234	3 47 37	T.P ON ROCK

DATUM
MEAN LOWER LOW WATER

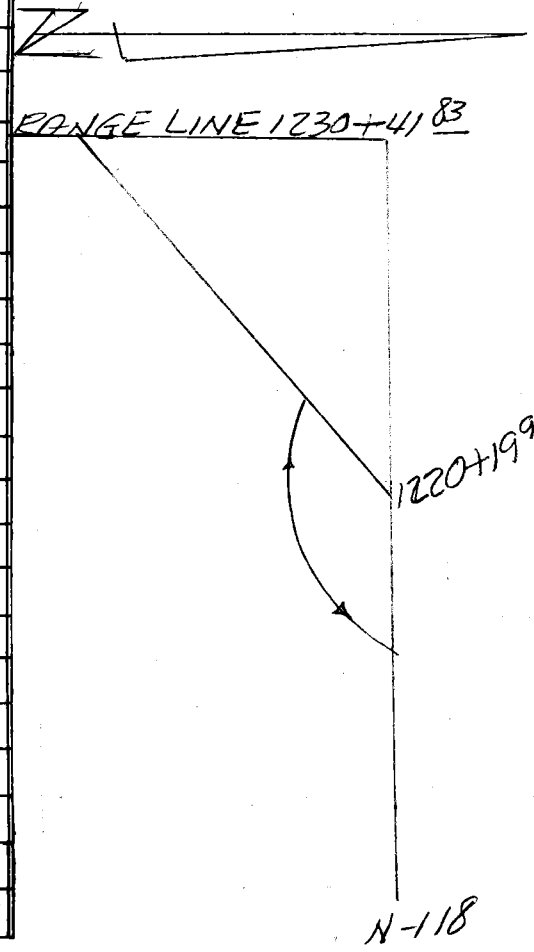
765420A • CE 353A • Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range	Line	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch			Deg.	Min.	
1220+19.2	N-118	9:20	1	129°	55'			
			2	130°	47'			
			3	131°	48'			
			4	133°	17'			
			5	135°	53'			
			6	137°	34'			
			7	137°	58'			
			8	140°	59'			
			9	142°	16'			
			10	143°	02'			
			11	143°	47'			
			12	146°	10'			
			13	147°	24'			
			14	147°	55'			
			15	148°	27'			
			16	150°	22'			
			17	151°	25'			
			18	152°	14'			
			19	154°	59'			
			20	157°	28'			



Profile Notes Red. Plotted
No. Date Date
X-Sec. Notes Chkd. Checked
No. Date Date
Job No. 03000.02 Division No. 11 F. B. 3795 Pg. 19
Survey of HYDROGRAPHIC SURVEY
Survey by RICHARDS Notes J.G. Date 4-28-62
Map No. Indexed C.J. GALLI Date

F. B. 3795 Pg. 20 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed C. J. CALLI Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	For Office Use Only Range Line Min.	For Office Use Only Card No.
		9:25	21	159°	15'			
			22	160°	34'			

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				50	05				
				49	13				
				48	12				2304210
				46	43				
				44	07				
				42	26				2304212
				42	02				
				39	01				
				37	46				2304214
				36	58				
				36	13				
				33	50				2304216
				32	36				
				32	05				
				31	33				2304218
				29	38				
				28	35				
				27	46				2304220
				25	01				
				22	32				
				20	45				2304222

Profile Notes Red. Plotted Job No. Division No. F. B. 3705 Pg. 19A

No. Date Date Survey of

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

No. Date Date Map No. Indexed Date

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No.

Job No.

F. B. 3795 Pg. 20 A

Survey of

Survey by Notes

Indexed Date

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No. Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
				19	26			
				00	00			
				00	00			2304224
				00	00			
				00	00			
				00	00			2304226
				106	39			
				00	00			
				00	00			2304228
				00	00			
				00	00			
				00	00			23042230
				54	43			
				53	59			
				49	50			2304238
				46	20			
				39	32			
				00	00			2304240
				00	00			
				00	00			
				00	00			2304242

X

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.	1233+02.26 N	
	672	1361		689	T.P. FROM PREVIOUS PG	
			990	371	68 LEFT SET 1X2 (CUT)	
			162	1199	25 SET PAINT ON ROCK	
			25	111	19 BOT BANK	
			+189	325	2 TOP "	
			+1899	3260		℄ SET 1X2 EDGE DRAIN
			+201	337		RIGHT 37 EDGE DRAIN
			+213	349		80 " ROAD
T.P.			661	700		
					CUT GUN ON N-119 SIGN N120	
	147	4~~8~~9 4		3~~37~~ 47	T.P. AFTER ∡ #5 RANGE 1230+41	
			02	4~~6~~ 7	53 FT LEFT MH.W	
			10	3~~8~~ 9	60 " "	
			36	1~~2~~ 3	95 " "	
			60	-1~~8~~ 1	130 " "	
			98	-5~~0~~ 4	#1 21° 05'	
			100	-5~~8~~ 1	2 26 20	
			144	-9~~6~~ 5	3 30 05	
			135	-8~~7~~ 6	4 34 52	
			150	-10~~2~~ 1	5 38 50	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 03002 Division No. 11 F.B. 3795 Pg. 21
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 5-1-[illegible]
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

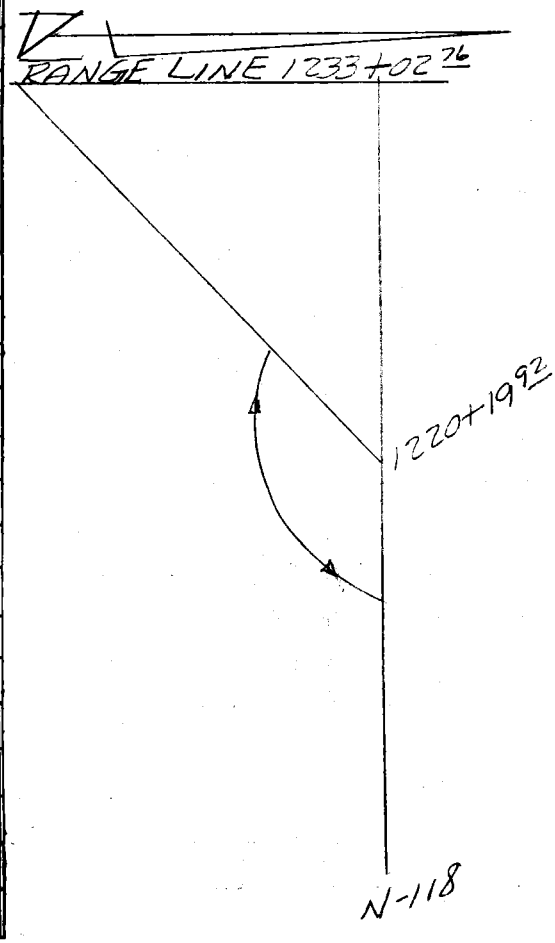
765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Min.	For Office Use Only Range Deg.	Line Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
1220+19.92	N-118		1					
		9:35	2	134°	22'			
			3	135°	59'			
			4	137°	37'			
			5	139°	09'			
			6	141°	10'			
			7	143°	08'			
			8	145°	20'			
			9	147°	14'			
			10	150°	09'			
			11	153°	02'			
			12	155°	09'			
			13	157°	12'			
			14	159°	21'			
			15	161°	25'			
		9:39	16	162°	49'			



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 23
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by R. CHRISTY Notes J.G. Date 3-1-62
No. Date Date Map No. Indexed C.J. CALL Date

F. B. 3795 Pg. 24 | 0300.02

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

Survey of HYDROGRAPHIC SURVEY Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				45	38				
				44	01				
				42	23				2330310
				40	51				
				38	50				
				36	52				2330312
				34	40				
				32	46				
				29	51				2330314
				26	58				
				24	51				
				22	48				2330316
				20	39				
				18	35				
				17	11				2330318
				00	00				
				00	00				
				00	00				2330320

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. 3795 Pg. 23 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Date

Job No. Notes Date

F. B. 3795 Pg. 24 A

Survey of

Survey by

Indexed

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				106	39			
				00	00			
				10	00			2330322
				00	00			
				00	00			
				00	00			2330324
				38	50			
				34	52			
				30	05			2330332
				26	20			
				21	05			
				00	00			2330334
				00	00			
				00	00			
				00	00			2330336
				106	39			
				00	00			
				00	00			2330338
				00	00			
				00	00			
				00	00			2330340

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.	1235+54.6 N	
T.P.	6.46	13.46		7.00	T.P. FROM PREVIOUS PG	
			9.24	4.22	LEFT .62 SET 1X2	
			5.90	7.56	.37 SET PAINT ON ROCK	
			5.5	8.0	.21 BOT BANK	
			+16.1	29.6		℄ SIDE BANK
			+21.5	35.0		RIGHT 10 TOP BANK
			+22.9	36.4		60 6' CL FENCE
			+22.6	36.1		65 EDGE RD
T.P.			7.43	6.03		
					CUT GUN AT 119	SIGHT ON 120
	-0.52	7.04		7.56	.37 FT LEFT ROCK	
			15.8	-8.8	#1 28° 12'	
			17.0	-10.0	2 25 07	
			13.4	-6.4	3 20 42	
			14.0	-7.0	4 18 50	
			11.2	-4.2	5 14 17	
			9.6	-2.6	6 10 54	
			8.3	-1.3	7 9 41	
			2.4	4.6	.51 FT LEFT M.H.W.	
			1.5	5.5	.40 " "	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 23002 Division No. 11
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of MALIBU HYDRO
Survey by WILSON Notes ADAMS Date 5-1-67
Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3795 Pg. 25

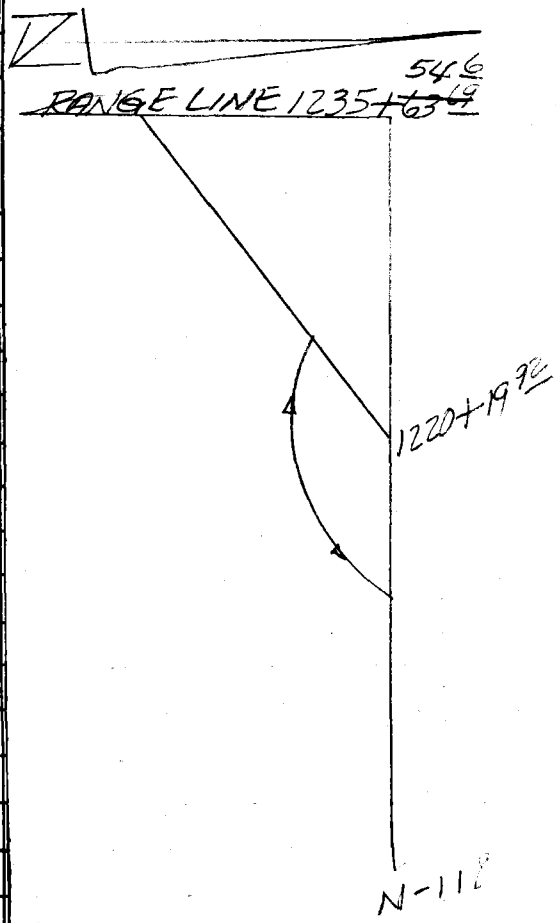
765420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line. RANGE LINE 1235+54.6 N.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1220+~~54~~	N-118	9:50	1	137°	31'			
			2	138°	44'			
			3	140°	47'			
			4	142°	01'			
			5	143°	24'			
			6	144°	44'			
			7	145°	06'			
			8	145°	02'			
			9	146°	46'			
			10	149°	38'			
			11	150°	54'			
			12	153°	28'			
			13	155°	52'			
			14	156°	38'			
			15	157°	50'			
			16	158°	10'			
			17	158°	50'			
			18	159°	43'			
			19	160°	37'			
			20	161°	23'			



Profile Notes Red. Plotted Job No. 0500.02 Division No. 11 F. B. 3795 Pg. 27
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by [illegible] Notes J.G. Date 5-1-67
No. Date Date Map No. Indexed C.J. CALL Date

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 28 | Job No. 030002

Survey of HYDROGRAPHIC SURVEY Division No. 11 Notes Red. Plotted No.

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

Indexed C. J. GALLI Date Date

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Deg.	Range Min.	Line Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
			21	163°	34'			
		9:55	22	164°	52'			

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				42	29				
				41	16				
				39	13				2355510
				36	59				
				36	36				
				36	16				2355512
				35	54				
				34	52				
				33	14				2355514
				31	22				
				29	06				
				26	32				2355516
				24	08				
				23	22				
				22	10				2355518
				21	50				
				21	10				
				20	17				2355520
				19	23				
				18	37				
				16	26				2355522

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. 3795 Pg. 27A

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					
				15	08			
				00	00			
				00	00			2355524
				00	00			
				00	00			
				00	00			2355526
				106	39			
				00	00			
				00	00			2355528
				00	00			
				00	00			
				00	00			2355530
				28	12			
				25	07			
				20	42			2355538
				18	50			
				14	17			
				10	54			2355540
				09	41			
				00	00			
				00	00			2355542

X

F. B. 3795 PG. 28 A

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

Survey of ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1238+19 ℄ N	
	660	12.63		6.03	T.P. FROM PREVIOUS PG	
			9.16	3.47	.101 LEFT SET 1X2	
			5.90	7.23	.82 SET PAINT ON ROCK	
			5.0	7.6	.61 BOT BANK	
			+23.1	35.7	.17 TOP "	
			+25.96	38.59	.	℄ SET 1X2 EDGE DRAIN
			+28.2	40.8	.	31 6' CL FENCE RIGHT
T.P.			1.36	11.27	. SET PAINT ON ROCK	
					CUT GUN AT ~~N 119~~ 1230+41	SIGHT ON N120
	-0.23	7.00		7.23	. 82 FT LEFT, ROCK	
			2.4	4.6	. 85 FT LEFT M.H.W	
			4.7	3.3	. 120 " "	
			7.8	-0.8	. 160 " "	
			10.0	-3.0	. #1 17° 23'	
			13.8	-6.8	. 2 20 32	
			15.1	-8.1	. 3 24 23	
			16.0	-9.0	. 4 27 21	
			15.3	-8.3	. 5 28 53	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3795 Pg. 29
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes ADAMS Date 5-1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

765420A - CE 353A - Cdb 9-62

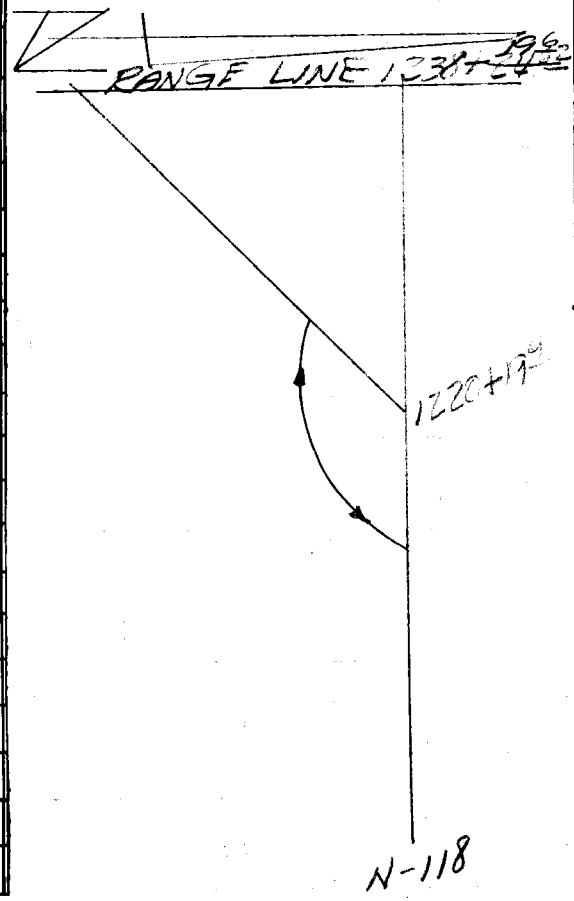
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

RANGE LINE 1238+19.6 N.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1220+19.6	N-118	10:05	1	137°	59'			
			2	138°	34'			
			3	140°	26'			
			4	142°	02'			
			5	143°	42'			
			6	144°	45'			
			7	146°	30'			
			8	147°	13'			
			9	147°	35'			
			10	148°	26'			
			11	150°	35'			
			12	151°	17'			
			13	153°	01'			
			14	155°	03'			
			15	157°	16'			
			16	159°	39'			
			17	161°	25'			
			18	162°	53'			
		10:10	19	164°	26'			



Profile
No. X-Sec. Notes Red. Plotted Job No. 6300.02 Division No. 11
Date Date Survey of HYDROS KAPPA SURVEY F. B. 3795 Pg. 31
Notes Chkd. Checked Survey by RICHARDS Notes Date 5-1-67
No. Date Date Map No. Indexed C.J. GALLI Date

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

F. B. 3795 Pg. 32 | Job No. 03002

Survey of HYDROGRAPHIC SURVEY Division No. 11 Notes Red. Plotted Profile

Survey by RICHARDS Notes J.G. Date Date X-Sec. No.

Indexed Date Notes Chkd. Date Checked 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.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				42	01				
				41	26				
				39	34				2382010
				37	58				
				36	18				
				35	15				2382012
				33	30				
				32	47				
				32	25				2382014
				31	34				
				30	35				
				28	43				2382016
				26	59				
				24	57				
				22	42				2382018
				20	21				
				18	35				
				17	07				2382020
				15	34				
				00	10				
				00	00				2382022

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. 3795 Pg 31A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. 3725 Pg. 32A Job No. Division No. Notes Red. Plotted. Profile No.

Survey of Date Date X-Sec. No.

Survey by Notes Notes Chkd. Checked.

Indexed Date Date Date

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No. Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
				00	00			
				00	00			
				00	00			2382024
				106	39			
				00	00			
				00	00			2382026
				00	00			
				00	00			
				00	00			2382028
				28	53			
				27	21			
				24	23			2382036
				20	32			
				17	23			
				00	00			2382038
				00	00			
				00	00			
				00	00			2382040
				106	39			
				00	00			
				00	00			2382042

X

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.	1240 + 40°
	607	1734		1127	T.P. FROM PREVIOUS PG
			1033	701	LEFT 100.3 SET "X" ON ROCK
			310	1424	56 SET 1X2 UP 1.0
			40	133	55 BOT BANK
			+185	358	32 TOP "
			+266	439	℄ SET 1X2
T.P			1090	644	
					CUT GUN AT ~~N-119~~ 1230+418 SIGHT ON N-120
	-001	700		701	ROCK 100 FT LEFT
			165	-85	#1 30° 05'
			180	-110	2 26 29
			154	-84	3 23 25
			128	-58	4 20 36
			105	-35	5 16 55
			92	-22	6 14 47
			79	-09	7 13 25
			24	46	113 FT LEFT M.H.W
			00	70	92 FT LEFT

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. P30002 Division No. 11 Survey of MALIBU HYDRO Survey by WILSON Notes ADAMS Date 5-1-67 Map No. ____ Indexed C. J. GALLI Date ____

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

F.B. 3795 Pg. 33

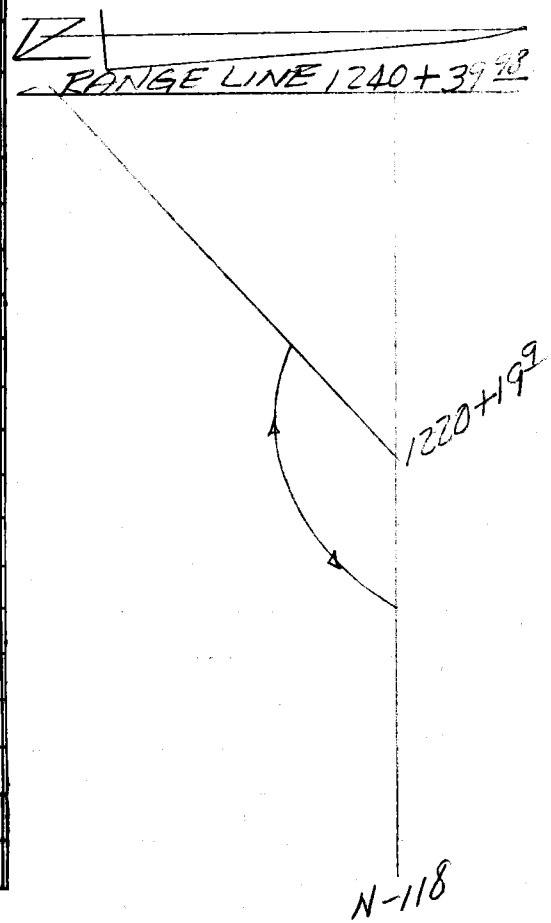
76S420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1220+19.9	N-118	10:20	1	129°	50'			
			2	132°	01'			
			3	134°	49'			
			4	137°	16'			
			5	139°	05'			
			6	140°	12'			
			7	142°	20'			
			8	145°	29'			
			9	148°	02'			
			10	149°	53'			
			11	153°	04'			
			12	155°	30'			
			13	157°	24'			
			14	158°	02'			
			15	158°	39'			
			16	160°	32'			
			17	161°	55'			
			18	162°	47'			
		10:26	19	164°	28'			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 35
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J. G. Date 5-1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3795 Pg. 36 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed Date Date Date No.

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

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

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				50	10			
				47	59			
				45	11			2404010
				42	44			
				40	55			
				39	48			2404012
				37	40			
				34	31			
				31	58			2404014
				30	07			
				26	56			
				24	30			2404016
				22	36			
				21	58			
				21	21			2404018
				19	28			
				18	05			
				17	13			2404020
				13	32			
				00	00			
				00	00			2404022

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. 3705 PG. 35 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F. B. 3795 Pg 354 Job No. Division No. Notes Red. Plotted. No. Profile

Survey of Date Date X-Sec.

Survey by Notes Notes Chkd. Checked. No.

Indexed Date Date Date.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Min.	For Office Use Only Range Deg.	Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				00	00			
				00	00			
				00	00			2404024
				73	49			
				00	00			
				00	00			2404026
				00	00			
				00	00			
				00	00			2404028
				30	05			
				26	29			
				23	25			2404036
				20	36			
				16	55			
				14	47			2404038
				13	25			
				00	00			
				00	00			2404040
				00	00			
				00	00			
				00	00			2404042

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.	1242+90 N	
	793	1437		644	T.P. FROM PREVIOUS PG LEFT	
			98	46	60 M.H.W.	
			1039	398	67 SET 1X2	
			40	104	23 GR.CH.	
			+047	1484		℄ SET 1X2 UP 1.0 RIGHT
			07	137		3 BOT BANK. GR CH
			+140	284		22 SIDE BANK
1243+70			37	107		℄ BOT BANK
1243+95			+70	214		℄ TOP "
1244+40			59	85		BOT "
T.P.			878	559		
					CUT GUN ON N-120	SIGHT ON N-121
	190	588		398	1X2 67 FT LEFT	
			50	09	100 FT LEFT	
			73	-14	#1 28° 45'	
			86	-27	2 35 06	
			116	-57	3 45 36	
			146	-87	4 52 29	
			143	-84	5 57 42	
		ESTIM.	190	-131	6 61 52	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3795 Pg. 37
Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-1-62
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

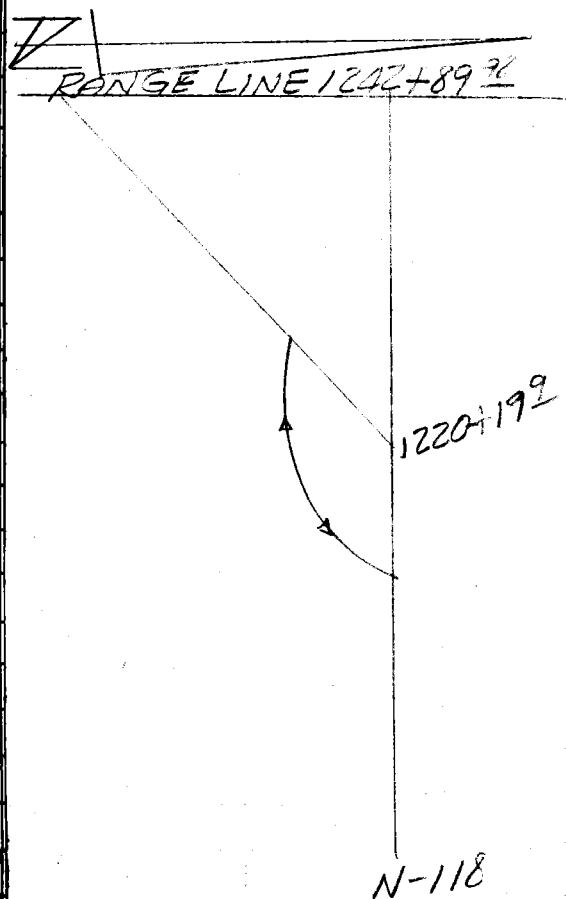
765420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1220+19.9	N-118	10:38	1	133°	05'			
			2	134°	37'			
			3	147°	30'			
			4	140°	40'			
			5	142°	50'			
			6	144°	01'			
			7	145°	18'			
			8	147°	11'			
			9	149°	01'			
			10	152°	14'			
			11	154°	57'			
			12	157°	55'			
			13	159°	52'			
			14	151°	30'			
			15	152°	16'			
			16	154°	08'			
			17	155°	36'			
		10:44	18	156°	49'			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 39
Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J. G. Date 5-1-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3795 Pg. 40 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE NO	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD NO
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				00	00			
				00	00			
				00	00			2404046
				46	55			
				45	23			
		?		42	30			2429012
				39	20			
				37	10			
				35	59			24290 14
				34	42			
				32	49			
				30	59			24290 16
				27	46			
				25	03			
				22	05			2429018
				20	08			
	Check			18	30			
				17	44			24290 20
				15	52			
		↓		14	24			
				13	11			24290 22

X 1935 A.

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. 3795 Pg. 39 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 40A Job No. Division No. Notes Red. Plotted. Profile No.

Survey of Date Date X-Sec. No.

Survey by Notes Notes Chkd. Checked

Indexed Date Date Date

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				00	00			
				00	00			
				00	00			2429024
				90	00			
				00	00			
				00	00			2429026
				00	00			
				00	00			
				00	00			2429028
				61	52			
				57	42			
				52	29			2429036
				45	36			
				35	06			
				28	45			2429038
				00	00			
				00	00			
				00	00			2429040
				90	00			
				00	00			
				00	00			2429042

X

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº	
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				00	00				
				00	00				
				00	00			2429044	To Pg 40 A 3795
				00	00				
				00	00				
				00	00			2454044	
				00	00				
				00	00				
				00	00			2504044	
				90	00				To Pg 52 A 3795
				00	00				
				00	00			2504046	
				00	00				
				00	00				
				00	00			2504048	
				00	00				
				00	00				
				00	00			2554042	To Pg 62 A 3795
				00	00				
				00	00				
				00	00			2579042	To Pg 66 A 3795

Profile Notes Red. Plotted Job No. Division No.

No. Date Date Survey of

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

No. Date Map No. Indexed Date

F. B. 3795 Pg. 40 B

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						
				90	00				
				00	00				
				00	00			2619544	
				00	00				
				00	00				
				00	00			2619546	
				00	00				
				00	00				
				00	00			3005042	to pg 144-A 3795
				00	00				
				00	00				
				00	00			3031536	to pg 148 A 3795

X

F. B. 3795 Pg. 41 A

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

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

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1245+40 N	
	9 94	1553		5 59	T.P. FROM PREVIOUS PG	
			11 77	376	49 LEFT SET 1X2	
			109	46	40 M.H.W.	
			532	1021		℄ SET 1X2
			64	91		℄ SAND
			17	138		RIGHT 32 BOT BANK
			+115	270		GR CH 58 SIDE BANK
T.P.			707	896		
					CUT GUN AT N120 SIGHT ON N-124	
	1 84	5 60		376	1X2 49FT LEFT	
			153	-97	#1 40° 59'	
			153	-97	2 36 27	
			142	-86	3 31 51	
			138	-82	4 25 03	
			106	-50	5 19 01	
			77	-21	6 13 21	
			69	-13	7 11 36	

DATUM
MEAN LOWER LOW WATER

Profile No. ___ Notes Red ___ Date ___ Plotted ___ Date ___ Job No. 2300 Division No. 11 Survey of MALIBU HYDRO Survey by WILSON Notes ADAMS Date 5-1-67 Map No. ___ Indexed C. J. GALLI Date ___

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

F. B. 3795 Pg. 41

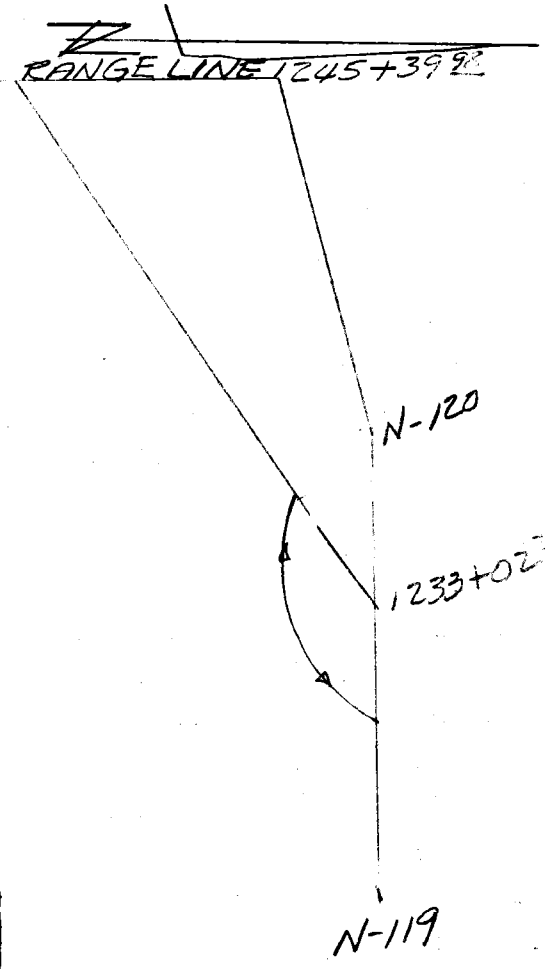
765420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1233+02.76	N-119	11:22	1	114°	27'			
			2	116°	06'			
			3	117°	28'			
			4	119°	47'			
			5	122°	41'			
			6	122°	52'			
			7	125°	36'			
			8	128°	40'			
			9	130°	23'			
			10	134°	06'			
			11	136°	44'			
			12	138°	51'			
			13	141°	57'			
			14	144°	46'			
			15	147°	37'			
			16	150°	20'			
			17	152°	20'			
		11:26	18	153°	56'			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 43
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 5-1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed S. J. GALLI Date ____

F. B. 3795 Pg. 44 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed Date Date Date No.

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

Please return to

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				65	33				
				63	54				
				62	32				2454010
				60	13				
				57	19				
				57	08				2454012
				54	24				
				51	20				
				49	37				2454014
				45	54				
				43	16				
				41	09				2454016
				38	03				
				35	14				
				32	23				2454018
				29	40				
				27	40				
				26	04				2454020
				00	00				
				00	00				
				00	00				2454022

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. 379 S Pg. 43 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				90	00			
				00	00			
				00	00			2454024
				00	00			
				00	00			
				00	00			2454026
				40	59			
				36	27			
				31	51			2454034
				25	03			
				19	01			
				13	21			2454036
				11	36			
				00	00			
				00	00			2454038
				00	00			
				00	00			
				00	00			2454040
				90	00			
				00	00			
				00	00			2454042

X

to pg 40 A

F. B. 3795 PG. 44 A

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

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

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

Profile Notes Red____ Plotted____ Job No 23eqe2 Division No. 11
No____ Date____ Date____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd.____ Checked____ Survey by WILSON Notes AZAMS Date 5-1-62
No.____ Date____ Date____ Map No.____ Indexed C.J. CALL Date____

F.B. 3795 Pg. 45

STATION	B. S.	H. I.	F. S.	ELEV.	1247+90 N	
	6.68	15.14		846.	T.P. From PREVIOUS PG	
			11.50	364.	37 SET IX2	
			10.5	46.	26 M.H.W.	
			6.90	824.		℄ SET IX2
			7.8	73.		℄ SAND
			30.4	1210.		RIGHT 40 SET IX2
			2.6	125.		45 BOT BANK GR CH
			+5.1	202.		73 SIDE BANK
TP			7.02	812.		
					CUT GUN AT N-120	SIGHT ON N-121
	2.07	5.71		364.	IX2 37 FT LEFT	
			3.5	22.	50 FT LEFT	
			6.1	-04.	88	
			8.5	-28.	# 1 8° 47'	
			9.5	-38.	2 13 14	
			12.5	-68.	3 17 38	
			14.0	-83.	4 22 22	
			14.4	-87.	5 24 31	

DATUM
MEAN LOWER LOW WATER

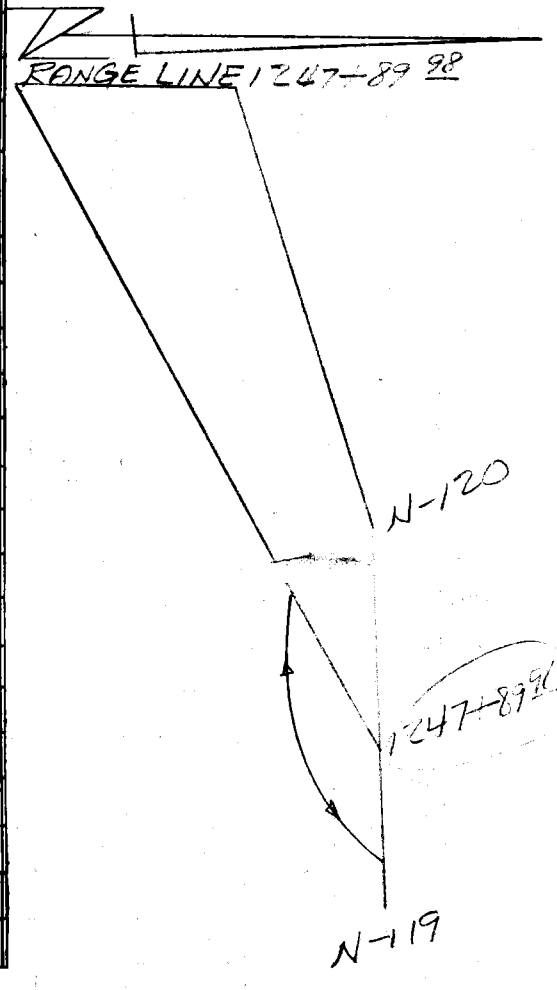
765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
12334028	N-119	11:30	1	121°	35'			
			2	124°	27'			
			3	127°	14'			
			4	128°	37'			
			5	130°	47'			
			6	132°	07'			
			7	133°	34'			
			8	135°	59'			
			9	138°	26'			
			10	140°	40'			
			11	143°	59'			
			12	147°	26'			
			13	150°	27			
			14	153°	40'			
			15	156°	06'			
			16	158°	30'			
		11:34	17	160°	37'			



Profile
No. X-Sec. No.
Notes Red Date Notes Chkd Date Date
Plotted Date Checked Date
Job No. 0300.02 Division No. 11
Survey of HYDROGRAPHIC SURVEY
Survey by RICHARDS Notes J.G. Date 5-1-67
Map No. Indexed C.J. GALLI Date
F.B. 3795 Pg. 47

F. B. 3795 Pg. 48 | Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of HYD. SUR. Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

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					
				58	25			
				55	33			
				52	46			2479010
				51	23			
				49	13			
				47	53			2479012
				46	26			
				44	01			
				41	34			2479014
				39	20			
				36	01			
				32	34			2479016
				29	33			
				26	20			
				23	54			2479018
				21	30			
				19	23			
				00	00			2479020
				00	00			
				00	00			
				00	00			2479022

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. 3795 Pg. 47A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Job No. Notes Date

Survey of

Survey by

Indexed

F. B. 3795 Pg. 484

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Min.	For Office Use Only Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				90	00			
				00	00			
				00	00			2479024
				00	00			
				00	00			
				00	00			2479026
				24	31			
				22	22			
				17	38			2479034
				13	14			
				08	47			
				00	00			2479036
				00	00			
				00	00			
				00	00			2479038
				90	00			
				00	00			
				00	00			2479040
				00	00			
				00	00			
				00	00			2479042

X

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.	1250+40 N	
	817	1629		812	T.P. FROM PREVIOUS PG LEFT	
			1293	336	15 SET 1X2	
			117	46	5 M.H.W.	
			901	728		℄ SET
			110	53		℄ SAND RIGHT
			183	1446		60 SET 1X2 UP 1.3
			21	142		65 BOT BANK
			+96	259		95 GR. CH. SIDE BANK
T.P.			798	831	ROCK	
					CUT GUN AT N120	SIGHT ON N-121
	227	563		336	1X2 15 FT LEFT	
			120	-64	#1 18° 22'	
			127	-71	2 20 30	
			119	-63	3 16 22	
			104	-48	4 12 09	
			98	-42	5 8 23	
			77	-21	6 4 51	
			63	-07	7 3 20	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 03000 Division No. 11 F.B. 3795 Pg. 49
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-1-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

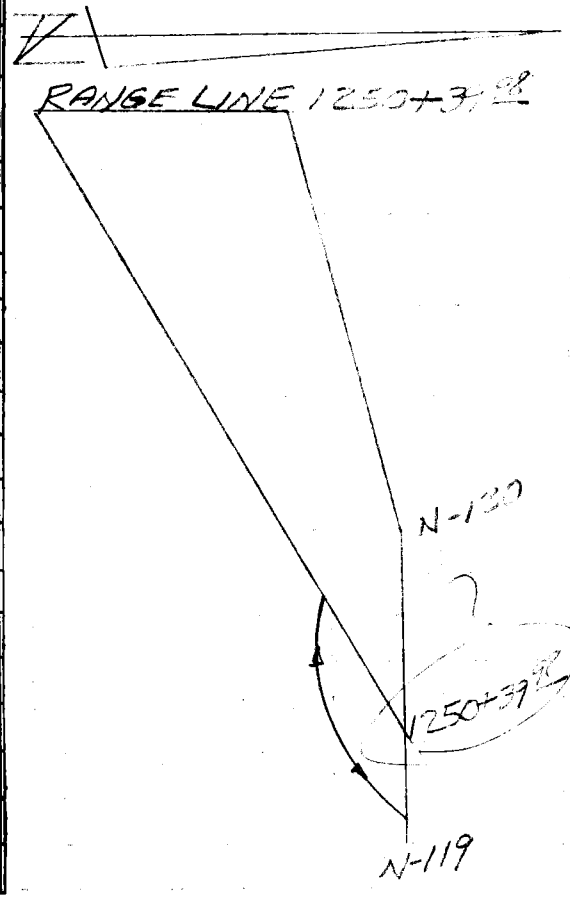
76S420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1233+02.8	N-119	12:00	1	120°	33'			
			2	121°	56'			
			3	123°	21'			
			4	125°	24'			
			5	[illegible]	15'			
			6	[illegible]	37'			
			7	129°	19'			
			8	132°	26'			
			9	133°	34'			
			10	134°	18'			
			11	134°	41'			
			12	134°	57'			
			13	138°	16'			
			14	138°	50'			
			15	140°	15'			
			16	143°	19'			
			17	146°	20'			
			18	149°	52'			
			19	152°	02'			
			20	154°	04'			



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 51
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes [illegible] Date [illegible]
No. Date Date Map No. Indexed [illegible] Date

F. B. 3795 Pg. 52 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed C. J. GALLI Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Range Min.	Line	Card No.
			21	155°	54'				
			22	157°	54'				
			23	159°	32'				
		1207	24	160°	48'				

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				59	27				
				58	04				
				56	39				2504010
				54	36				
				52	45				
				52	23				2504012
				50	41				
				47	34				
				46	26				2504014
				45	42				
				45	19				
				45	03				2504016
				41	44				
				41	10				
				39	45				2504018
				36	41				
				33	40				
				30	08				2504020
				27	58				
				25	56				
				24	06				2504022

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. 3795 Pg. 51 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				22	06			
				20	28			
				19	12			2504024
				00	00			
				00	00			
				00	00			2504026
				90	00			
				00	00			
				00	00			2504028
				00	00			
				00	00			
				00	00			2504030
				18	22			
				20	30			
				16	22			2504038
				12	09			
				08	23			
				04	51			2504040
				03	20			
				00	00			
				00	00			2504042

F. B. 3795 PG 52 A

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

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

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

Indexed ____ Date ____ Date ____ Date ____

Notes Ck'd by	Survey of MALIBU AREA HYDROGRAPHIC SURVEY
Map No.	JN 0300.02 Tape Std °F
Office Work	Surveyed by RICHARDS
Checked	Notes UNARRIET Date 5-2-67
Date	Indexed C. J. GALLI

F.B 3795 Pg. 53

TIDE GAGE READINGS
MAY 2, 1967
TIME - P.S.T.
DATUM - M.L.L.W.

TIME	TIDE
6:00	3.2
6:30	2.8
7:00	2.4
7:30	1.9
8:00	1.6
8:30	1.0
9:00	0.7
9:30	0.4
10:00	0.0
10:30	-0.1
11:00	-0.2
11:30	-0.1
12:00	-0.1
12:30	0.2
13:00	0.5
13:30	0.9
14:00	1.3

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.

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

76P3098 CE #310 8-66

F.B. 3795 Pg. 57

May 2, 1967

Observed Tide

Predicted Tide

6 4 2 0 2 4 6 8 10 12 2 4 6

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

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

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1252+90 N	
	461	1292		831	T.P. FROM PREVIOUS PG LEFT	
			1081	211.8	SET 1X2	
			878	414		℄ SET 1X2
			103	26		℄ SAND RIGHT
			83	46		17 MHW
			56	73		39 BOT BANK
			40	89		40 TOP "
			11	118		55 BOT "
			+185	314		67 TOP "
T.P.			619	673		
					CUT GUN AT 121	SIGHT ON 1252+90
	453	644		211	1X2 8 FT LEFT	
			58	06	25 FT LEFT	
			72	-08	#1 5° 00'	
			77	-13	2 7 08	
			93	-29	3 10 45	
			94	-30	4 14 22	
			129	-65	5 23 15	
			148	-84	6 28 28	

DATUM
MEAN LOWER LOW WATER

Profile No. ___ Notes Red ___ Plotted ___ Job No. 030002 Division No. 11 F.B. 3795 Pg. 55
X-Sec. No. ___ Date ___ Date ___ Survey of MALIBU HYDRO
Notes Chkd. ___ Checked ___ Survey by WILSON Notes ADAMS Date 5-X-67
Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

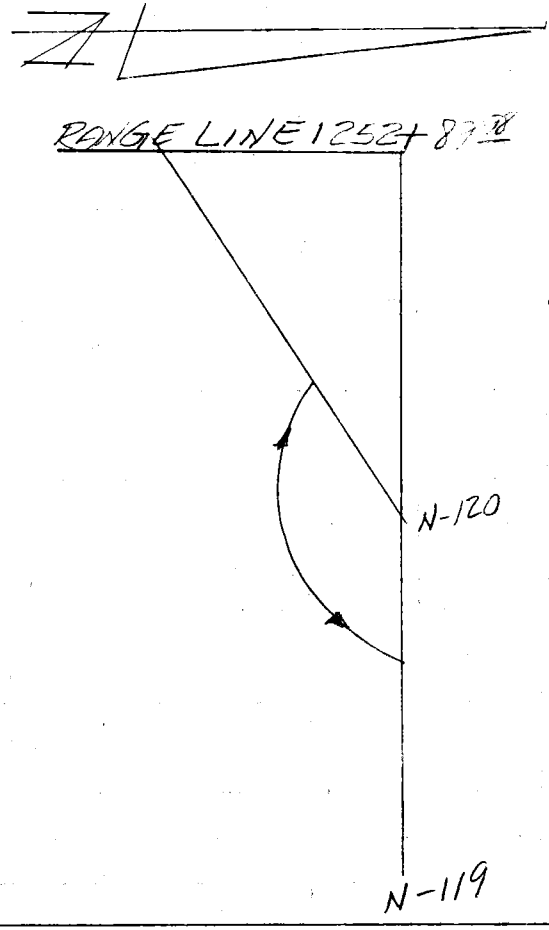
76S420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-120	N-119	7:14	1	109°	40'			
			2	112°	15'			
			3	113°	21'			
			4	114°	06'			
			5	116°	02'			
			6	119°	09'			
			7	[illegible]	01'			
			8	122°	31'			
			9	125°	57'			
			10	128°	12'			
			11	129°	38'			
			12	133°	58'			
			13	135°	04'			
			14	139°	20'			
			15	143°	39'			
			16	148°	35'			
			17	151°	30'			
		7:21	18	153°	09'			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3795 Pg. 57
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 5-2-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3795 Pg. 58 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE NO	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD NO
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				70	20				
				67	45				
				66	39				2529008
				65	54				
				63	58				
				60	51				2529010
				57	59				
				57	29				
				54	03				2529012
				51	48				
				50	22				
				46	02				2529014
				44	56				
				40	40				
				36	21				2529016
				31	25				
				28	30				
				26	51				2529018
				00	00				
				00	00				
				00	00				2529020

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. 3705 Pg. 57A

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					
				90	00			
				00	00			
				00	00			2529022
				00	00			
				00	00			
				00	00			2529024
				90	00			
				00	00			
				00	00			2529032
				00	00			
				00	00			
				00	00			2529034
				28	28			
				23	15			
				14	22			2529036
				10	45			
				07	08			
				05	00			2529038
				00	00			
				00	00			
				00	00			2529040

X

F. B. 3795 Pg. 58A Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____

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

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1255+40 N	
	654	1327		673	T.P. FROM PREVIOUS PG	
			1114	213	81 LEFT SET PAINT ON ROCK	
			87	46	37 M.H.W.	
			71	62	18 GR. CH.	
			562	765		℄ SET 1X2 FLUSH RIGHT
			23	110		36 BOT BANK GR. CH.
			+125	258		52 SIDE BANK
			505	822		
					CUT GUN AT 121	SIGHT ON 1255+40
	403	616		213	ROCK 81 FT LEFT	
			148	-86	#1 44° 21'	
			115	-53	2 37 27	
			120	-58	3 31 22	
			87	-25	4 21 58	ROCKS AT LOW TIDE UP TO 4 FT DIAM.
			66	-04	5 15 46	
			46	16	65 FT LEFT BRK	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 03000 2 Division No. 11 F.B. 3795 PG. 59
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-X-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

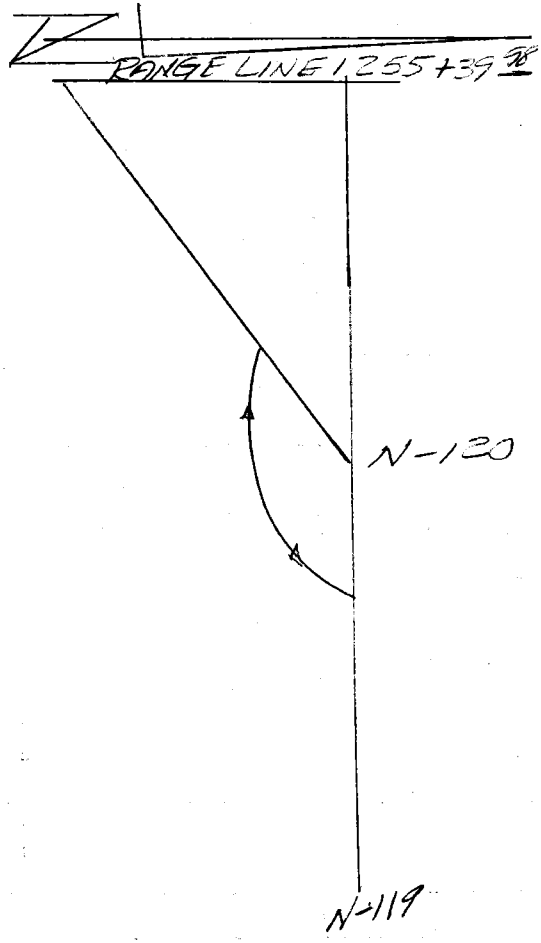
765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Range Line Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
N-120	N-119	7:31	1	113°	53'			
			2	116°	03'			
			3	117°	58'			
			4	119°	4'			
			5	125°	56'			
			6	128°	43'			
			7	129°	39'			
			8	129°	12'			
			9	130°	59'			
			10	134°	20'			
			11	135°	42'			
			12	137°	54'			
			13	140°	46'			
			14	142°	55'			
			15	146°	07'			
			16	148°	09'			
			17	150°	04'			
			18	151°	58'			
			19	153°	09'			
		7:40	20	163°	24'			



Profile Notes Red. Plotted Job No. 23207 Division No. 11 F. B. 3795 Pg. 61
No. Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes J+C Date 5-2-67
No. Date Map No. Indexed J. J. GALLI Date

F. B. 3795 Pg. 62 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE NO	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE CARD NO
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				66	07			
				63	57			
				62	02			2554008
				60	19			
				56	04			
				53	17			2554010
				52	21			
				51	48			
				49	01			2554012
				45	40			
				44	18			
				42	06			2554014
				39	14			
				37	05			
				33	53			2554016
				31	51			
				29	56.			
				28	02			2554018
				26	51			
				26	36			
				00	00			2554020

Profile Notes Red. Plotted Job No. Division No.

No. Date Date Survey of

X-Sec. Notes Chkd. Checked Survey by Notes

No. Date Date Map No. Indexed Date Date

F. B. 3795 Pg. 61A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No.

Job No.

Survey of Notes

Survey by Date

Indexed

F. B. 3794 Pg 22 A

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Min.	For Office Use Only Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				00	00			
				00	00			
				00	00			2554022
				90	00			
				00	00			
				00	00			2554024
				00	00			
				00	00			
				00	00			2554026
				90	00			
				00	00			
				00	00			2554034
				00	00			
				00	00			
				00	00			2554036
				44	21			
				37	27			
				31	22			2554038
				21	58			
				15	46			
				00	00			2554040

X

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.	1257+90 N	
	6.96	15.18		822.	T.P. From PREVIOUS PG	
			1208	310.79	LEFT SET 1X2 UP 0.2	
			106	46.58	M.H.W.	
			56	96.17	GR.CH.	
			252	1266.	℄ SET 1X2	
			38	114.	℄ SAND	
			064	1454.	RIGHT 30 SET 1X2 GR.CH.	
			+36	188.	58 6'CL FENCE	
			+83	235.	77 SHLDR RD	
T.P.			516	1002.	N-121 FD ¾" I.P.	
					CUT GUN AT N-121 SIGHT ON N-120	
	3.11	6.21		310.	1X2 74 FT LEFT	
			57	05.	100 FT LEFT	
			71	-09.	#1 43° 58' LINE ROCKS AT LOW TIDE	
			96	-34.	2 57 02	
			123	-61.	3 66 42	
			152	-90.	4 71 44	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red. Plotted. Job No. 23902 Division No. 11
No. X-Sec. Date Date Survey of MAL 180 HYD RD
Notes Chkd. Checked Survey by WILSON Notes ADAMS Date 5-4-61
No. Date Date Map No. Indexed G.J. GALLI Date

F.B. 3795 Pg. 63

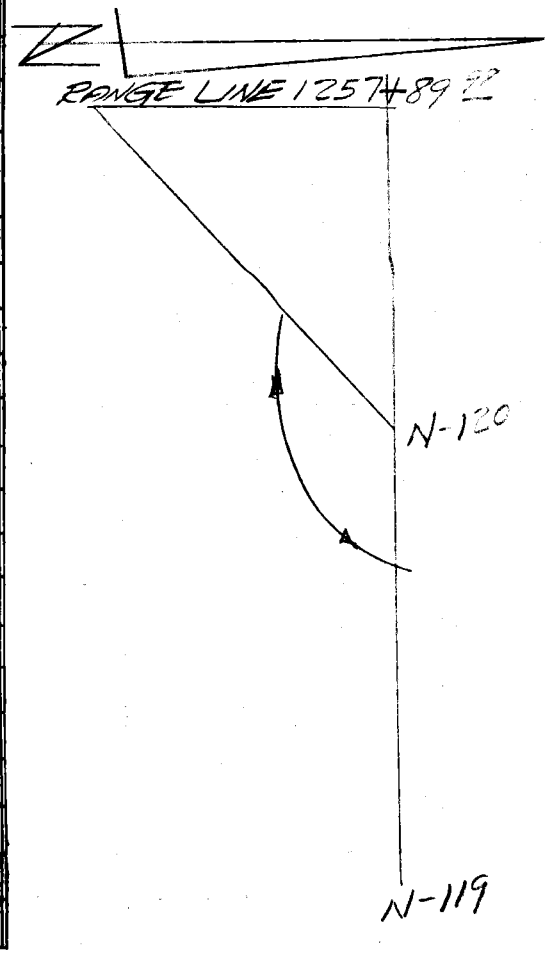
765420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE NO	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD NO
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-120	N-119	7:52	1	119°	37'			
			2	122°	16'			
			3	124°	04'			
			4	126°	07'			
			5	128°	28'			
			6	129°	51'			
			7	130°	53'			
			8	133°	22'			
			9	134°	39'			
			10	136°	23'			
			11	138°	34'			
			12	140°	53'			
			13	143°	18'			
			14	145°	04'			
			15	146°	52'			
			16	148°	59'			
			17	150°	31'			
			18	152°	11'			
			19	153°	20'			
			20	154°	37'			



Profile
No. X-Sec.
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Job No. 0300.02 Division No. 11
Survey of HYDROGRAPHIC SURVEY
Survey by RICHARDS Notes J.S. Date 5-2-67
Map No. Indexed C.J.GALL Date
F. B. 3795 PG. 65

F. B. 3795 Pg. 66 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed C. J. GALLI Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At (Don't Punch)	Sight On (Don't Punch)	Time (Don't Punch)	Angle No (Don't Punch)	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Deg.	Range Min.	Line	Card No.
		8:00	21	154	59				

76L298 307 Cdb 12-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				60	23				
				57	44				
				55	56				2579008
				53	53				
				51	32				
				51	09				2579010
				49	07				
				47	38				
				45	21				2579012
				43	37				
				41	26				
				39	07				2579014
				36	42				
				34	56				
				33	08				2579016
				31	01				
				29	29				
				27	49				2579018
				26	40				
				25	23				
				25	01				2579020

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. 3725 Pg. 65A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.

Division No. Notes Red. Plotted

Job No. Date Date

Notes Date Notes Chkd. Checked

Notes Date Date

Survey of

Survey by

Indexed

F. B. 3795 Pg. 64

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No. Don't Punch	Hor. Angle Deg.	Min.	For Office Use Only Range Line Deg.	Min.	Card No.
				00	00			
				00	00			
				00	00			2579022
				90	00			
				00	00			
				00	00			2579024
				00	00			
				00	00			
				00	00			2579026
				90	00			
				00	00			
				00	00			2579034
				00	00			
				00	00			
				00	00			2579036
				71	44			
				66	42			
				57	02			2579038
				43	58			
				00	00			
				00	00			2579040

X

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.

Profile Notes Red ____ Plotted ____ Job No. 5000-2 Division No. 11
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes AGAINS Date 5-2-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3795 Pg. 67

STATION	B. S.	H. I.	F. S.	ELEV.	1261+95± N	
	5.29	15.31		10.02	N-121 From PREVIOUS PG RIGHT	
			10.91	4.90		17 SET 1x2 UP ON BOT BROKEN CONC
			11.3	4.0		18 ℄ GRANITE SEAWALL TOP WOOD SEAWALL
			2.8	12.5		32 ℄ WOOD WALK
			2.6	12.7		37 BACK WK ℄ BOT BANK
			+5.9	21.2		52 GR. CH. SIDE BANK
T.P.			7.89	7.42		
					CUT GUN AT N-121 SIGHT ON N-122	
	0.92	5.32		4.40	1x2 17 FT. RIGHT	
			1.70	-1.17	#1 54° 32	
			9.7	-4.4	2 48 47	
			11.2	-5.9	3 42 28	
			9.1	-3.8	4 34 55	
			8.1	-2.8	5 21 17	
			5.7	-0.4	6 14 25	4 AT DIA ROCKS AT
			4.4	0.9	12 FT LEFT BACK	LOW TIDE LINE
			3.4	1.9		&
			0.7	4.6	~~20 FT~~	20 FT RIGHT M.H.W.

DATUM
MEAN LOWER LOW WATER

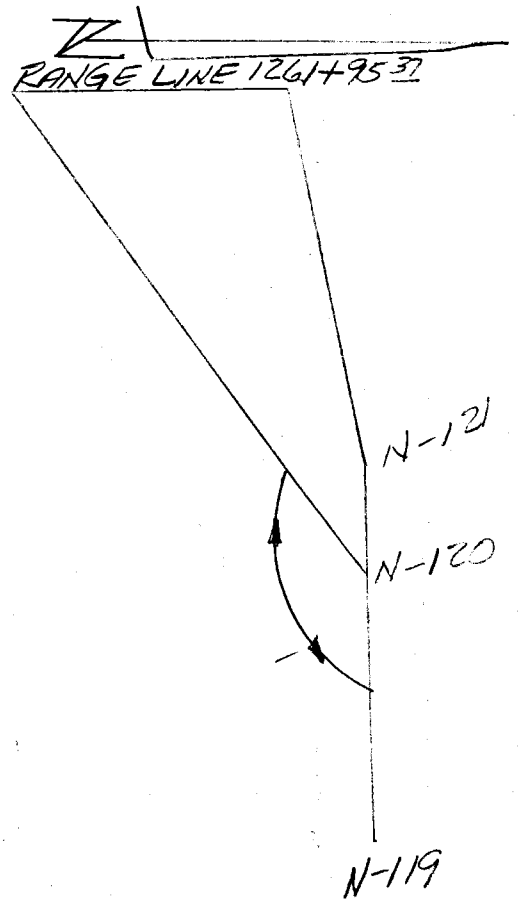
76S420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Range Min.	Line	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch						
N-120	N-119	8:10	1	109°	04'				
			2	112°	03'				
			3	116°	09'				
			4	121°	11'				
			5	123°	33'				
			6	125°	39'				
			7	128°	01'				
			8	130°	54'				
			9	133°	15'				
			10	135°	30'				
			11	139°	50'				
			12	139°	13'				
			13	139°	11'				
			14	141°	52'				
			15	142°	43'				
			16	144°	16'				
			17	146°	25'				
			18	148°	15'				
			19	150°	00'				
			20	151°	21'				



Profile Notes Red. Plotted Job No. 03300.02 Division No. 11
No. Date Date Survey of HYDROGRAPHIC SURVEY F. B. 3795 Pg. 69
X-Sec. Notes Chkd. Checked Survey by SCHRICKS Noted J.G. Date 5-24-67
No. Date Date Map No. Indexed C.J. Cahill Date

F. B. 3795 PG. 70 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed C. J. GALLI Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT DON'T PUNCH	SIGHT ON DON'T PUNCH	TIME DON'T PUNCH	ANGLE No. DON'T PUNCH	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD No.
			21	152°	38'			
			22	154°	12'			
			23	154°	29'			
		8:18	24	154°	53'			

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				70	56			
				67	57			
				63	51			2619510
				58	49			
				56	27			
				54	31			2619512
				51	59			
				50	06			
				48	45			2619514
				47	30			
				45	10			
				44	47			2619516
				41	49			
				38	08			
				37	17			2619518
				35	44			
				33	35			
				31	45			2619520
				30	00			
				28	39			
				27	22			2619522

Profile Notes Red. Plotted Job No. Division No.

No. Date Date Survey of F. B. 3795 Pg 69 A

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

No. Date Date Map No. Indexed Date

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 70 A Job No. Division No. Notes Red. Plotted

Survey of Date Date

Survey by Notes Notes Chkd. Checked

Indexed Date Date Date

Profile No. X-Sec. No.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				25	48			
				24	31			
				24	07			2619524
				00	00			
				00	00			
				00	00			2619526
				90	00			
				00	00			
				00	00			2619528
				00	00			
				00	00			
				00	00			2619530
				54	32			
				48	47			
				42	28			2619538
				34	55			
				21	17			
				14	25			2619540
				00	00			
				00	00			
				00	00			2619542

X

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.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 23000 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILLSON Notes ADAMS Date 5-7-47
Date ____ Date ____ Map No. ____ Indexed C.J.GALLI Date ____

F.B. 3795 Pg. 71

STATION	B. S.	H. I.	F. S.	ELEV.	1264+45 ℄ N	
	4.31	11.73		7.42	T.P. FROM PREVIOUS PG	
			7.2	4.5.32	LEFT SAND	
			590	583.20	SET 1X2	
			7.1	46.31	M.H.W.	
			4.4	7.3 2	SAND	
			189	9.84.		℄ PAINT "X" ON ROCK RIGHT
			30	8.7.		7 BOT ROCK SEAWALL
			+42	1.59		13 TOP WOOD SEAWALL
			+44	1.71		17 BOT BUNK
T.P.			4.96	6.77.		
					CUT GUN AT N 121	SIGHT ON 1264+45 ℄
	0.43	6.26		583.	1X2 20 FT LEFT	
			30	33.48	FT LEFT TOP BRK.	
			63	00.83	" " BOT BRK.	ROCKS SHOW
			78	-15. #1	15° 07'	AT LOW TIDE
			111	-48. 2	20 42	
			125	-62. 3	35 42	
			157	-94. 4	41 35	

DATUM
MEAN LOWER LOW WATER

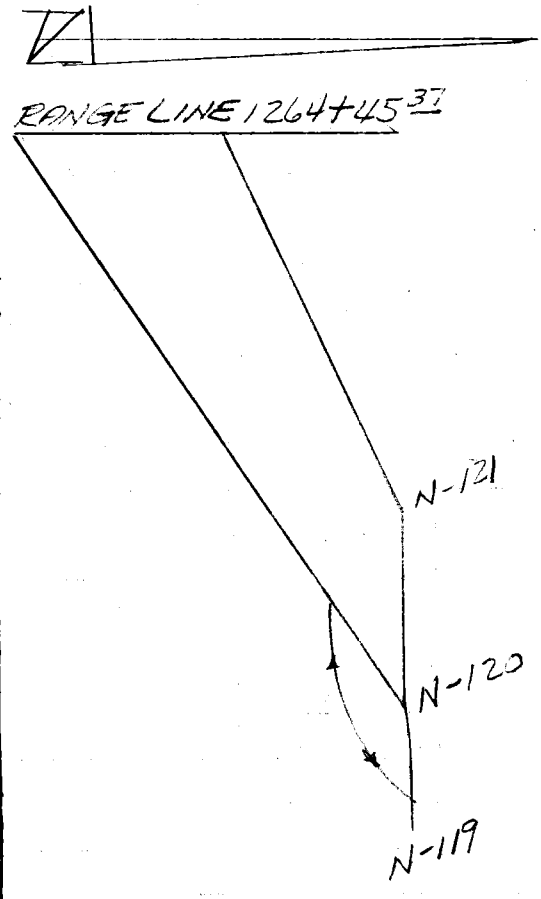
765420A • CE 353A • Cdb 9•62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-120	N-119		1					
		8:30	2	[illegible]	45'			
			3	132°	37'			
			4	130°	36'			
			5	131°	29'			
			6	133°	24'			
			7	134°	20'			
			8	137°	03'			
			9	140°	14'			
			10	142°	56'			
			11	145°	13'			
			12	147°	17'			
			13	148°	38'			
			14	149°	44'			
			15	151°	03'			
			16	152°	06'			
		8:35	17	152°	34'			



Profile
No. X-Sec.
Notes Red. Plotted
Date Date
Notes Chkd. Checked
Date Date
Job No. 0300.02 Division No. 11
Survey of HYDROGRAPHIC SURVEY
Survey by RICHARDS Notes J.S. Date 5-[illegible]-67
Map No. Indexed C.J. GALLI Date
F.B. 3795 Pg. 73

F. B. 3795 Pg. 74 | 0300.02 Job No.______ Division No. 11 ______ Notes Red.______ Plotted______ Profile

Survey of HYDROGRAPHIC SURVEY ______ Date______ Date______ No.______

Survey by RICHARDS Notes J.G. ______ Notes Chkd.______ Checked______ X-Sec.

Indexed______ Date______ Date______ Date______ No.______

Inst. At (Don't Punch)	Sight On (Don't Punch)	Time (Don't Punch)	Angle № (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 №

Do not extend notes this side of this line.

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

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				54	18				
				51	23				
				49	24				2644510
				48	33				
				46	36				
				45	40				2644512
				42	57				
				39	46				
				37	04				2644514
				34	47				
				32	43				
				31	22				2644516
				30	16				
				28	57				
				27	54				2644518
				27	26				
				00	00				
				00	00				2644520
				00	00				
				00	00				
				00	00				2644522

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. 3905 Pg. 73 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 74 A

Job No. Division No. Notes Red. Plotted

Survey of Date Date

Survey by Notes Notes Chkd. Checked

Indexed Date Date Date

Profile No. X-Sec. No.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				90	00			
				00	00			
				00	00			2644524
				00	00			
				00	00			
				00	00			2644526
				41	35			
				35	42			
				20	42			2644534
				15	07			
				00	00			
				00	00			2644536
				00	00			
				00	00			
				00	00			2644538
				90	00			
				00	00			
				00	00			2644540
				00	00			
				00	00			
				00	00			2644542

X

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.	1266 + 95.4 N	
	776	1453.		677.	T.P. FROM PREVIOUS PG	
			992	461.	33 LEFT SET 1X2	
			99	46.	33 M.H.W. SAND	
			840	613.	20 SET 1X2 UP 0.8	
			74	71.		℄ SAND RIGHT
			52	93.		20 BOT SEAWALL
			+03	148.		21 TOP " "
			+05	150.		33 BOT ROW PILINGS BOT BANK
			+65	210		41 GR.CH. UNDER BLDG
T.P.			732	721.		
					CUT GUN AT N-121	SIGHT ON 1266+95.4
	010	471.		461.	1X2 33 FT LEFT	
			121	-74.	#1 30° 28'	
			108	-61.	2 26 54	
			105	-58.	3 23 23	
			64	-17.	4 17 23	ROCKS TO 5FT DIAM AT LOW TIDE
			48	-01.	5 11 15	
			26	21.	67 FT LEFT SAND.	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 03-0902 Division No. 11 F.B. 3795 Pg. 75
Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-2-62
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

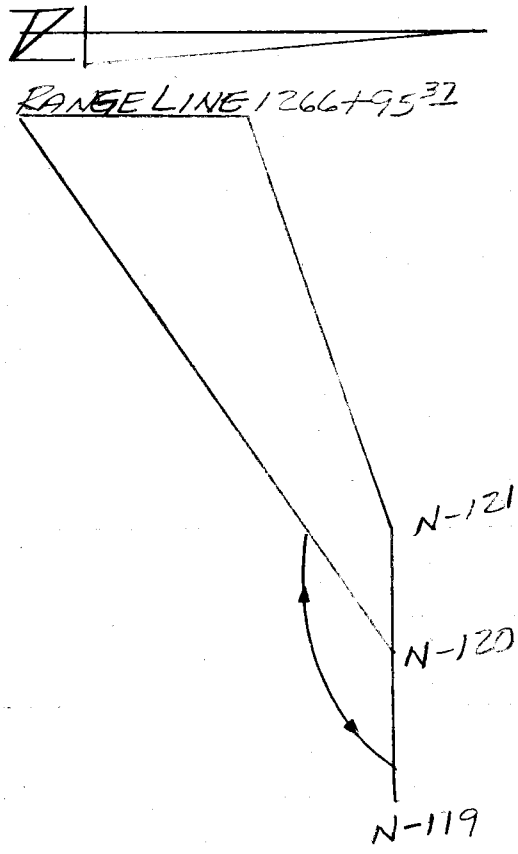
765420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-120	N-119	8:29	1	120°	22'			
			2	123°	15'			
			3	125°	10'			
			4	133°	55'			
			5	135°	47'			
			6	137°	53'			
			7	139°	35'			
			8	140°	45'			
			9	142°	42'			
			10	145°	12'			
			11	146°	29'			
			12	147°	39'			
		8:34	13	148°	24'			



Profile Notes Red. Plotted Job No. 03002 Division No. 11 F. B. 3795 Pg. 77
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes J.G. Date 5-2-63
No. Date Date Map No. Indexed C.J. GALLI Date

F. B. 3795 Pg. 78 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				59	38				
				56	45				
				52	48				2669510
				46	05				
				43	12				
				42	07				2669512
				40	25				
				39	15				
				36	20				2669514
				34	48				
				33	31				
				32	21				2669516
				31	36				
				00	00				
				00	00				2669518
				00	00				
				00	00				
				00	00				2669520

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. 3795 Pg. 77A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 78A Job No. Division No. Notes Red. Plotted

Survey of Date Date

Survey by Notes Notes Chkd. Checked

Indexed Date Date

Profile No. X-Sec. No.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				90	00			
				00	00			
				00	00			2669522
				00	00			
				00	00			
				00	00			2669524
				30	28			
				26	54			
				23	23			2669532
				17	23			
				11	15			
				00	00			2669534
				00	00			
				00	00			
				00	00			2669536
				90	00			
				00	00			
				00	00			2669538
				00	00			
				00	00			
				00	00			2669540

X

76-L-298 CE 307 2-63

+ 11'

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.	1269+45.4 N	
	671	1392		721	· T.P. FROM PREVIOUS PG LEFT	
			991	401	·79 SET 1X2 UP 0.6	
			93	46	·59 M.H.W.	
			881	511	·52 SET 1X2 FLUSH	
			77	62	·20 SAND	
			69	70	·	℄ SAND RIGHT
			34	105	·	42 BOT BANK
			+199	338	·	73 TOP "
					CUT GUN AT 1266+95.4	SIGHT ON N-122
	232	633		401	·1X2 79	
			29	34	·80 FT LEFT SAND	
			48	15	·100 FT " "	↑ STRATA ROCK
			68	-05	·#1 35° 00'	AT LOW TIDE
			138	-75	·2 48° 18'	
			148	-85	·3 57 39	
			165	-102	·4 60 42	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 03000.2 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-2-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3795 Pg. 79

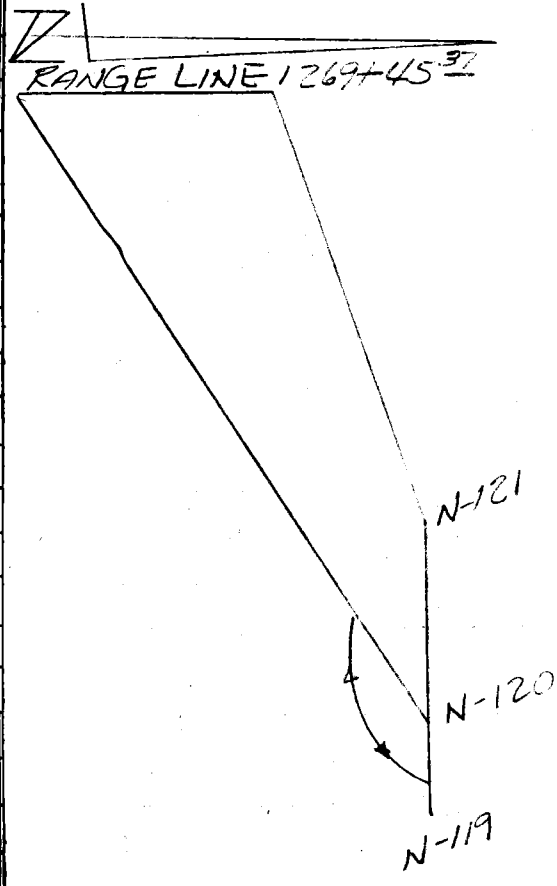
76S420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range	Line	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch			Deg.	Min.	
N-120	N-119	9:05	1	120°	11'			
			2	123°	07'			
			3	126°	52'			
			4	130°	57'			
			5	133°	15'			
			6	135°	15'			
			7	137°	37'			
			8	139°	04'			
			9	140°	29'			
			10	142°	39'			
			11	144°	10'			
			12	145°	46'			
		9:10	13	146°	49'			



Profile Notes Red. Plotted Job No. 8300.02 Division No. 11 F. B. 3795 Pg. 81
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes J.G. Date 5-2-67
No. Date Date Map No. Indexed C.J. GALLI Date

F. B. 3795 Pg. 82 | 0300-02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				59	49			
				56	53			
				53	08			2694510
				49	03			
				46	45			
				44	45			2694512
				42	23			
				40	56			
				39	31			2694514
				37	21			
				35	50			
				34	14			2694516
				33	11			
				00	00			
				00	00			2694518
				00	00			
				00	00			
				00	00			2694520

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. 3705 Pg. 81 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				90	00			
				00	00			
				00	00			2694522
				00	00			
				00	00			
				00	00			2694524
				60	42			
				57	39			
				48	18			2694532
				35	00			
				00	00			
				00	00			2694534
				00	00			
				00	00			
				00	00			2694536
				90	00			
				00	00			
				00	00			2694538
				00	00			
				00	00			
				00	00			2694540

X

F. B. 3795 Pg. 82 A

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

Survey of ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1269+88.5N N-122	
		13 92			H.I. FROM PREVIOUS PG	
			9 32	4 60	LEFT 40 SET 1X2 UP 0.2	
			9 3	4 6	.39 M.H.W. SAND	
			7 29	6 63		℄ SET 1X2 & N
			6 1	7 8		RIGHT 29 BOT ROCK SEA WALL
			1 3	12 6		BOT 7' BOARD FENCE
					CUT GUN AT 1266+95#	SIGHT ON N 122
	1 72	6 32		4 60	1X2 40 FT LEFT	
			17 6	-11 3	#1 44° 15'	
			12 8	-6 5	2 34 47	↑ STRATA ROCKS
			10 8	-4 5	3 26 42	ON EDGE AT
			8 8	-2 5	4 23 06	LOW TIDE
			5 5	0 8	100 FT LEFT	
			4 6	1 7	68 FT "	↓

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 0300 e Division No. 11 F.B. 3795 Pg. 83
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-2-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GAILT Date ____

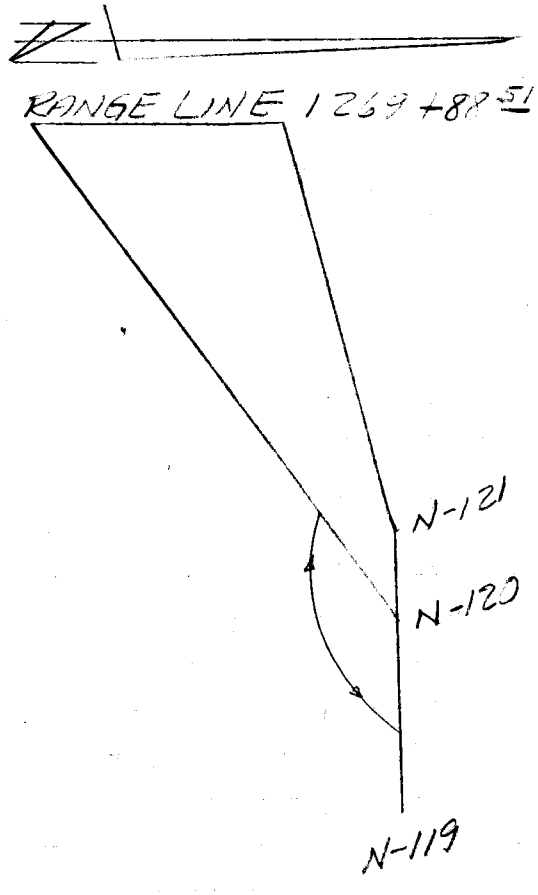
76S420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-120	N-119	9:27	1	129°	11'			
			2	131°	40'			
			3	134°	18'			
			4	[illegible]	[illegible]			
			5	138°	06'			
			6	139°	14'			
			7	140°	40'			
			8	141°	44'			
			9	142°	35'			
			10	143°	31'			
			11	144°	09'			
			12	145°	17'			
			13	146°	55'			
			14	148°	03'			
		9:32	15	148°	30'			



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 85
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes J.G. Date 5-2-61
No. Date Date Map No. Indexed C. J. GALLI Date

F. B. 3795 Pg. 86 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				50	49				
				48	20				
				45	42				2698910
				43	38				
				41	56				
				40	46				2698912
				39	20				
				38	16				
				37	25				2698914
				36	29				
				35	51				
				34	43				2698916
				33	05				
				31	57				
				30	30				2698918
				00	00				
				00	00				
				00	00				2698920

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. 3795 PG. 85 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 86A Job No. Division No. Notes Red. Plotted

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

Profile

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.
				106	59			
				00	00			
				00	00			2698922
				00	00			
				00	00			
				00	00			2698924
				44	15			
				34	47			
				26	42			2698932
				23	06			
				00	00			
				00	00			2698934
				00	00			
				00	00			
				00	00			2698936
				106	59			
				00	00			
				00	00			2698938
				00	00			
				00	00			
				00	00			2698940

X

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.	1269+98.2 N POT.	
		13 92			H.I. FROM PREVIOUS PG	
			9 25	4 67	37 LEFT SET 1X2 UP 0.2	
			9 3	4 6	35 M.H.W. SAND	
			11 2	2 7		℄ SAND
			4 0	9 9		RIGHT 47 BOT BANK
			+19 9	33 8		84 TOP "
T.B.M# 17			2 42	11 50	FD LGE, BT. SPK IN END PILING @	
					E.LY END OF SEA WALL, PAGE 172 ELEV = 11.36	
					CUT GUN AT 1277+94° SIGHT ON 1269+98.2	
	1 66	6 33		4 67	1X2 37 FT LEFT	
			5 2	1 1	78 FT. LEFT BEGIN STRATA ON EDGE ROCKS AT LOW TIDE	
			6 9	-0 6	116 " "	
			9 4	-3 1	#1 11° 20'	
			13 7	-7 4	2 16 48	
			16 1	-9 8	3 20 00	
			17 3	-11 0	4 22 43	

DATUM
MEAN LOWER LOW WATER

Profile No. ___ Notes Red ___ Plotted ___ Job No. 030002 Division No. 11 F.B. 3795 Pg. 87
X-Sec. No. ___ Date ___ Date ___ Survey of MALIBU HYDRO
Notes Chkd. ___ Checked ___ Survey by WILSON Notes ADAMS Date 5-2-67
Date ___ Date ___ Map No. ___ Indexed C. J. GALLI Date ___

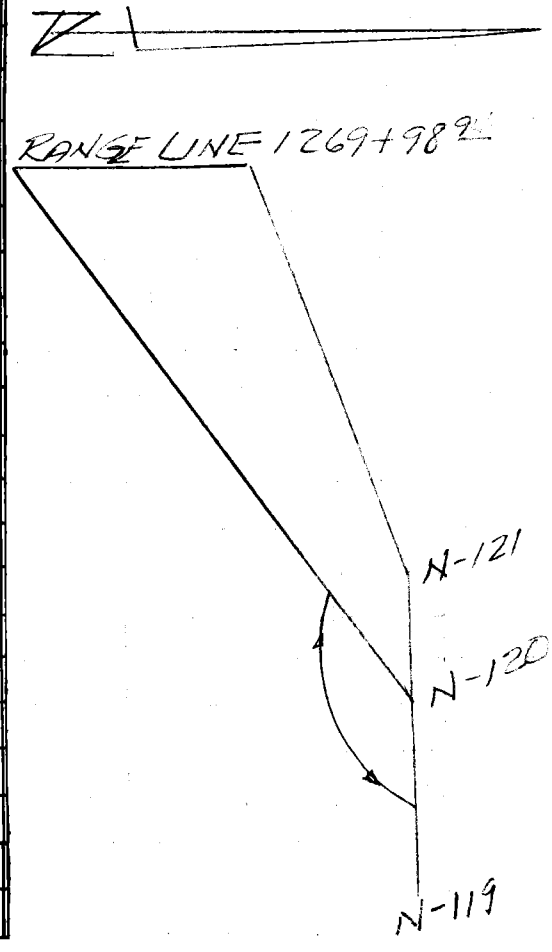
765420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
N-120	N-119	9:39	1	134°	42'				
			2	136°	53'				
			3	138°	43'				
			4	140°	49'				
			5	143°	28'				
			6	145°	33'				
			7	147°	23'				
			8	148°	14'				
			9	148°	56'				
		9:43	10	149°	21'				



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes J.G. Date 3-2-67
No. Date Date Map No. Indexed C.J. GALLI Date

F.B. 3795 Pg. 89

F. B. 3795 PG. 90 | 0300.02 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEY Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

Do not extend notes this side of this line.

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

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				45	18				
				43	07				
				41	17				2699912
				39	11				
				36	32				
				34	27				2699914
				32	37				
				31	46				
				31	04				2699916
				30	35				
				00	00				
				00	00				2699918
				00	00				
				00	00				
				00	00				2699920
				1101	52				
				00	00				
				00	00				2699922

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. 3795 Pg. 89A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 90A Job No. Division No. Notes Red. Plotted

Survey of Date Date

Survey by Notes Notes Chkd. Checked

Indexed Date Date Date

Profile No. X-Sec. No.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Min.	For Office Use Only Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				00	00			
				00	00			
				00	00			2699924
				22	43			
				20	00			
				16	48			2699936
				11	20			
				00	00			
				00	00			2699938
				00	00			
				00	00			
				00	00			2699940
				78	08			
				00	00			
				00	00			2699932
				00	00			
				00	00			
				00	00			2699934

X

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.	1270+36.4 N	
T.B.M. #17	376	1512		1136	LGE BT SPK LEFT	IN PILING, PAGE 172
			1035	477	47 SET 1X2 UP 0.5	
			105	46	44 M.H.W. SAND	
			91	60	33 GR. CH.	
			80	71	3 BOT ROCK SEA WALL	
			427	1085		℄ FD L&T IN ROCK RIGHT
			28	123		12 BOT WOOD SEA WALL
			+20	171		13 TOP " "
			+45	196		28 BOT BANK
T.P.			694	818		
					CUT GUN 1277+94.2	SIGHT ON N-122
	120	597		477	1X2 47 FT LEFT	
			155	-96	#1 26° 00'	
			139	-80	2 20 57	ROCKS SOLID
			110	-50	3 17 15	VISIBLE AT LOW
			73	-14	4 12 20	TIDE
			59	0	94 FT LEFT	

DATUM
MEAN LOWER LOW WATER

Profile No. ___ Notes Red ___ Plotted ___ Job No. 030002 Division No. 11 F.B. 3795 Pg. 91
X-Sec. No. ___ Date ___ Date ___ Survey of MALIBU HYDRO
Notes Chkd. ___ Checked ___ Survey by WILSON Notes ADAMS Date 5-2-67
No. ___ Date ___ Date ___ Map No. ___ Indexed C.J. GALLI Date ___

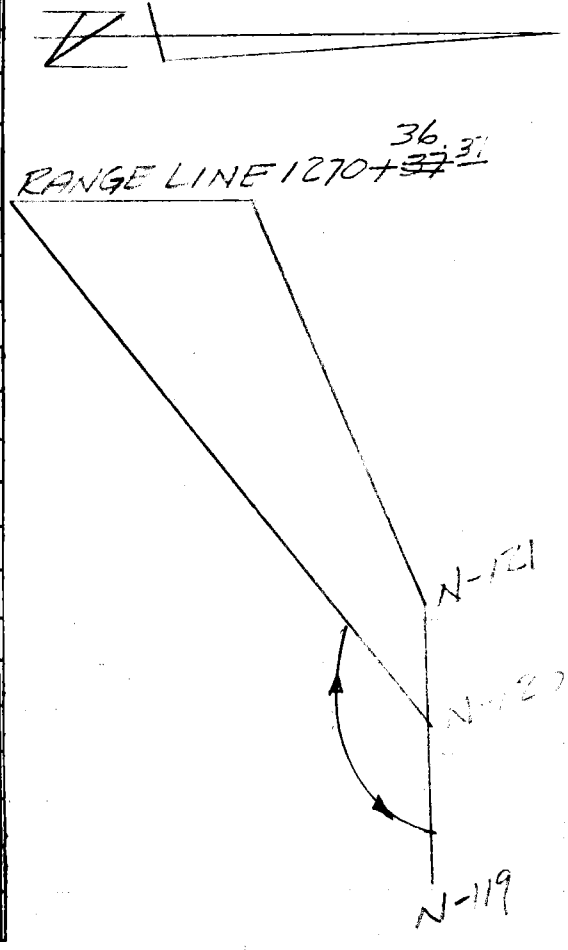
76S420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-120	N-119	9:58	1	141°	10'			
			2	142°	15'			
			3	143°	28'			
			4	144°	20'			
			5	144°	49'			
			6	145°	16'			
			7	146°	46'			
			8	147°	39'			
			9	148°	27'			
			10	149°	29'			
			11	150°	05'			
			12	150°	25'			
		10:03	13	150°	38'			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 93
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 5-2-61
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3795 Pg. 94 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				38	50			
				37	45			
				36	32			2703612
				35	40			
				35	11			
				34	44			2703614
				33	14			
				32	21			
				31	33			2703616
				30	31			
				29	55			
				29	35			2703618
				29	22			
				00	00			
				00	00			2703620
				00	00			
				00	00			
				00	00			2703622

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. 3795 PG 93 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 94A

Job No. Division No. Notes Red. Plotted

Survey of Date Date

Survey by Notes Notes Chkd. Checked

Indexed Date Date

Profile No. X-Sec. No.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				98	08			
				00	00			
				00	00			2703624
				00	00			
				00	00			
				00	00			2703626
				81	52			
				00	00			
				00	00			2703634
				00	00			
				00	00			
				00	00			2703636
				26	00			
				20	57			
				17	15			2703638
				12	20			
				00	00			
				00	00			2703640
				00	00			
				00	00			
				00	00			2703642 X

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.

Profile Notes Red. Plotted Job No. 23002 Division No. 11
No. X-Sec. Date Date Survey of MALIBU HYDRO
No. Notes Chkd. Checked Survey by WM SOX Notes ADAMS Date 5-2-62
Date Date Map No. Indexed G.J. GALLI Date

F.B. 3795 PG. 95

STATION	B. S.	H. I.	F. S.	ELEV.	1272+889 N	
	812	1630.		818.	T.P. FROM PREVIOUS PG	
			1133	497.59	SET 1X2 UPOA LEFT	
			117	46.59	M.H.W. SAND	
			95	68.30	GR.CH.	
			424	1206.		℄ SET 1X2
			55	108.		℄ SAND
			39	124.		11 BOT WOOD SEAWALL RIGHT
			+08	171.		12 TOP " "
			28	135.		13 BOT " "
			28	135.		31 BOT BANK
T.P.			811	819.		
					CUT GUN AT 1277+942	SIGHT ON N-122
	066	563.		497.	1X2 59 FT. LEFT	
			11	45.	60 FT LEFT	
			59	-03.	115 " "	
			115	-59.	#1 28° 41'	↑ VISIBLE ROCK AT LOW
			142	-86.	2 36 47	↓ TIDE
			171	-115	3 44 16	

DATUM
MEAN LOWER LOW WATER

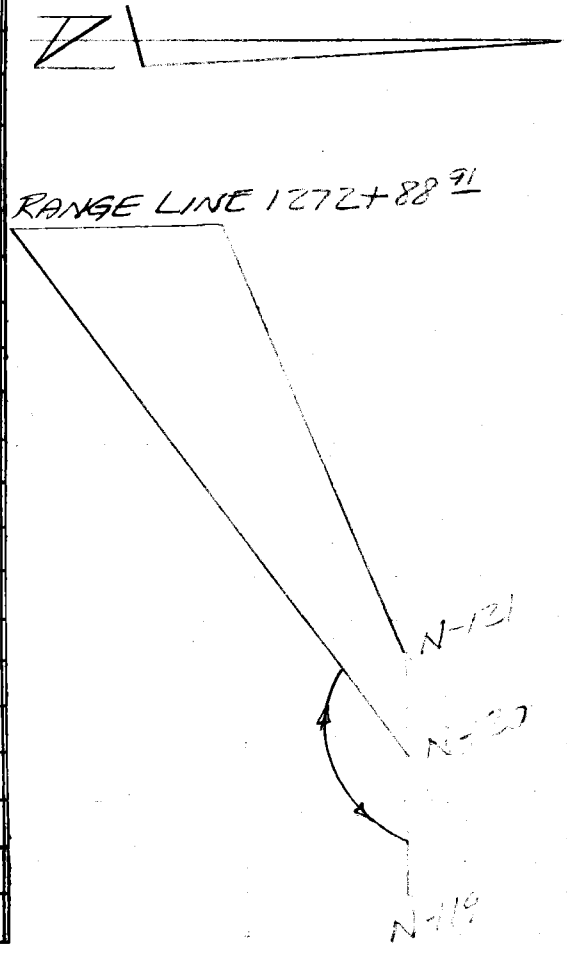
76S420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-120	N-119	10:19	1	144°	28'			
			2	145°	49'			
			3	146°	54'			
			4	148°	05'			
			5	148°	45'			
			6	149°	32'			
			7	150°	02'			
			8	[illegible]	[illegible]			
			9	151°	02'			
			10	151°	54'			
			11	152°	40'			
			12	153°	04'			
			13	153°	43'			
		10:24	14	154°	06'			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. C300.02 Division No. 11 F. B. 3795 Pg. 97
Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G.L. Date 5-2-67
Date ____ Date ____ Map No. ____ Indexed E. J. GALLI Date ____

F. B. 3795 PG. 98 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed Date Date Date No.

Inst. At (Don't Punch)	Sight On (Don't Punch)	Time (Don't Punch)	Angle № (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 №

Do not extend notes this side of this line.

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

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				35	32			
				34	11			
				33	06			2728912
				31	55			
			5	31	15			
				30	38			2728914
				29	58			
				29	34			
				28	58			2728916
			10	28	06			
				27	20			
				26	56			2728918
				26	17			
				25	54			
				00	00			2728920
				00	00			
				00	00			
				00	00			2728922

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. 3795 Pg 97 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F. B. 3795 Pg 98 A Job No. Division No. Notes Red. Plotted

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

Inst. At	Sight On	Time	Angle Nº	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card Nº.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				98	09			
				00	00			
				00	00			2728924
				00	00			
				00	00			
				00	00			2728926
				81	52			
				00	00			
				00	00			2728934
				00	00			
				00	00			
				00	00			2728936
				44	16			
				36	47			
				28	41			2728938
				00	00			
				00	00			
				00	00			2728940

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.	1275+415 N	
	8.18	16.37		8.19	T.P. FROM PREVIOUS PG	
			130	34.56	LEFT SAND	
			1143	494.44	SET 1X2 UP 0.2	
			117	46.46	M.H.W.	
			94	70.27	GR. CH.	
			476	1161.	℄	SET 1X2
			59	105.	℄	SAND
			36	128.	RIGHT	21 BOT WOOD SEAWALL
			+06	170		22 TOP " "
			+38	202.		53 BOT BANK
			+125	289.		78 TOP " EDGED
T.P.			716	921.		
					CUT GUN AT 1277+94	SIGHT ON N 122
	102	60 596.	-	494	1X2 44 FT LEFT	
			177	-117.	#1 65° 18'	
			149	-89.	2 55 44	
			97	-37.	3 48 53	
			109	-49.	4 39 07	
			83	-23.	5 33 47	
			69	-09.	6 26 12	
			43	17.75	FT LEFT	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 50092 Division No. 11
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes Adjusted Date 5-2-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F.B. 3795 Pg. 99

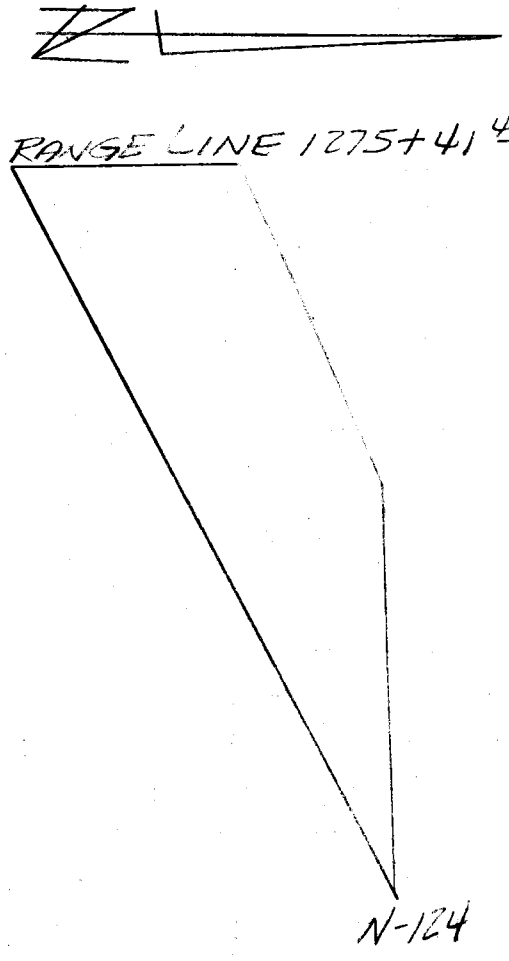
765420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-124	N-123	10:43	1	41°	21'			
			2	38°	06'			
			3	33°	20'			2754114
			4	29°	45'			
			5	26°	55'			
			6	24°	59'			2754116
			7	24°	30'			
			8	24°	01'			
			9	22°	50'			2754118
			10	20°	47'			
			11	18°	22'			
			12	16°	32'			2754120
			13	14°	12'			
			14	12°	25'			
			15	11°	40'			2754122
			16	10°	19'			
		10:51	17	09°	03'			
				00	00			2754124
				00	00			
				00	00			
				00	00			2754126



Profile Notes Red. Plotted Job No. 03002 Division No. 11
No. Date Date Date Survey of HYDRAULIC SURVEY F. B. 3795 Pg. 101
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes by T.G. Date 5-2-67
No. Date Date Map No. Indexed C.J. GALLI Date

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				81	52			
				00	00			
				00	00			2754110
				00	00			
				00	00			
				00	00			2754112
				81	52			
				00	00			
				00	00			2754134
				00	00			
				00	00			
				00	00			2754136
				65	18			
				55	44			
				48	53			2754138
				39	07			
				33	47			
				26	12			2754140
				00	00			
				00	00			
				00	00			2754142

X

F. B. 3795 Pg. 102 | Job No. 0300.02 | Division No. 11 | Notes Red. | Plotted | Profile

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

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

Indexed | Date | Date

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1277 +94.0 N	
	723	1644		921	T.P. FROM PREVIOUS PG LEFT	
			1166	478	30 SET 1X2 UP 0.3	
			118	46	29 M.H.W. SAND	
			644	1000		℄ SET 1X2
			77	87		℄ SAND RIGHT
			49	115		15 GR. CH.
			26	138		39 BOT WOOD SEA WALL
			+08	172		40 TOP " "
			09	155		41 BOT " "
			+24	188		67 BOT BANK
			+100	264		90 TOP " EDGE RD
T.P.			899	745	N-123 FD 1X2 & N	
					CUT GUN AT 1275+41.5	SIGHT ON N-123
	083	561		478	1X2 30 FT LEFT	
			63	-07	83 FT. LEFT	
			75	-19	#1 24° 11'	
			99	-43	2 36 57	
			149	-93	3 44 39	
			182	-126	4 48 02	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 030002 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-2-67
Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F.B. 3795 Pg. 103

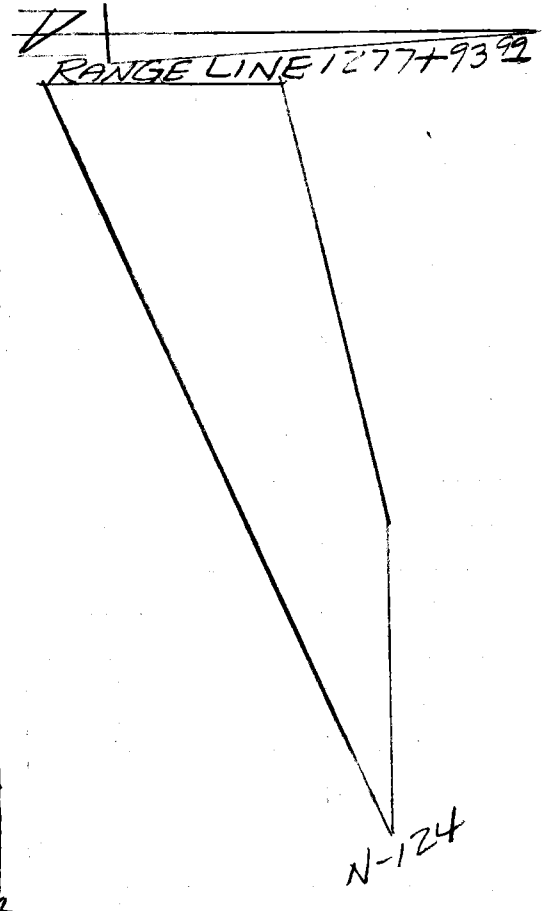
76S420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Range Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
N-124	N-123	11:02	1	50°	22'			
			2	46°	57'			
			3	43°	34'			2779414
			4	38°	07'			
			5	34°	55'			
			6	32°	18'			2779416
			7	30°	43'			
			8	28°	25'			
			9	26°	29'			2779418
			10	24°	23'			
			11	20°	45'			
			12	17°	50'			2779420
			13	16°	14'			
			14	14°	27'			
			15	13°	19'			2779422
		11:09	16	12°	01'			
				00	00			
				00	00			2779422
				00	00			
				00	00			
				00	00			2779424



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 105
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes J.G. Date 5-2-67
No. Date Date Map No. Indexed C.J. GALLI Date

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				81	52			
				00	00			
				00	00			2779410
				00	00			
				00	00			
				00	00			2779412
				48	02			
				44	37			
				36	57			2779432
				24	11			
				00	00			
				00	00			2779434
				00	00			
				00	00			
				00	00			2779436
				98	08			
				00	00			
				00	00			2779438
				00	00			
				00	00			
				00	00			2779440

F. B. 3795 Pg. 106 | Job No. 0300.02 | Division No. 11 | Notes Red. | Plotted | Profile

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

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

Indexed | Date | Date | Date

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

Profile Notes Red. Plotted. Job No 0309.02 Division No. 11
No. X-Sec. Date Date Survey of MALIBU HYDRO
No. Notes Ckd. Checked Survey by MILLSON Notes ADAMS Date 5-2-62
Date Date Map No. Indexed C.J. GALLI Date

F.B. 3795 Pg 107

STATION	B. S.	H. I.	F. S.	ELEV.	1280+492 N	
	8 22	1567.		745.	N-123 FD 1x2 & N	PREVIOUS PG
			13 7	20.	54 LEFT SAND	
			11 1	96.	27 M.H.W. SAND	
			11 72	395.	33 SET 1x2	
			6 09	958.		℄ SET 1x2
			7 4	83.		℄ SAND
			4 3	114.		EIGHT 18 GR.CH.
			2 3	134.		33 BOT WOODEN SEA WALL
			+1 9	171.		34 TOP " "
			+0 2	159		35 BOT " "
			+0 9	166.		50 BOT BANK
			+9 1	248.		80 TOP " EDGE RD.
T.P.			8 34	733.		
					CUT GUN AT N-123	SIGHT ON N-124
	1 52	5 5 47		395.	1x2 33 FT. LEFT	
			15 7	-10 2.	#1 65° 22'	
			14 7	- 9 2	2 58 40	
			12 5	- 7 0.	3 51 44	
			10 3	- 4 8.	4 46 02	
			8 1	- 2 6.	5 37 54	
			6 5	- 1 0.	6 31 40	
			5 5	0 0.	80 FT LEFT	DATUM MEAN LOWER LOW WATER

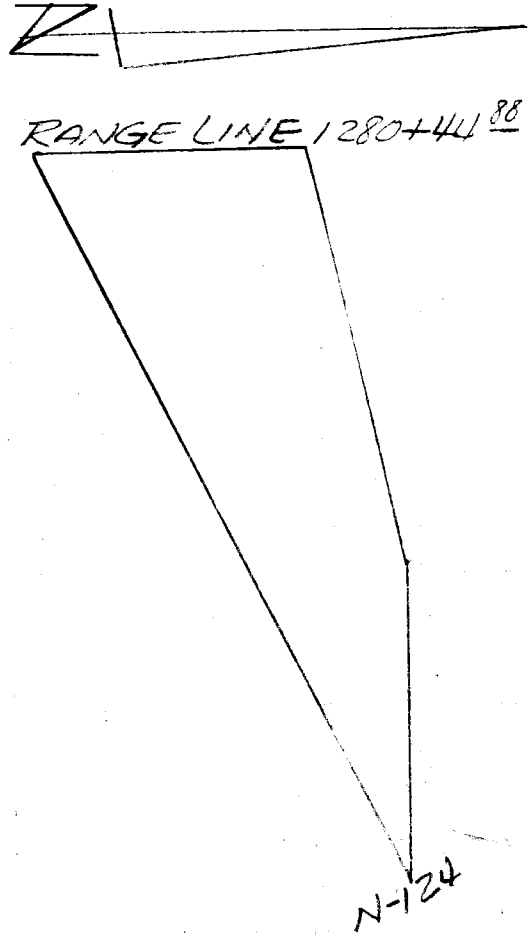
765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Range Line Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
N-124	N-123	11:20	1	60°	48'			
			2	57°	38'			
			3	53°	22'			2804512
			4	48°	32'			
			5	44°	21'			
			6	42°	01'			2804514
			7	39°	57'			
			8	37°	35'			
			9	36°	30'			2804516
			10	34°	56'			
			11	32°	37'			
			12	30°	17'			2804518
			13	26°	38'			
			14	21°	27'			
			15	19°	25'			2804520
		11:25	16	18°	10'			
				00	00			
				00	00			2804522
				00	00			
				00	00			
				00	00			2804524



Profile
No. X-Sec.
Notes Red. Plotted
Date Date Job No. 0300.02 Division No. 11
Notes Chkd. Checked Survey of HYDROGRAPHIC SURVEY
Date Date Survey by Richards Notes J.G. Date 5-2-67
No. Date Date Map No. Indexed C.J. Gatti Date
F. B. 3795 Pg. 109

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 110 Job No. 0300.02 Division No. 11 Notes Red. Date Notes Chkd. Date Indexed Date

Survey of HYDROGRAPHIC SURVEY Date Checked Date

Survey by RICHARDS Notes J.G. Date

Profile No. X-Sec. No.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				88	38			
				00	00			
				00	00			2804508
				00	00			
				00	00			
				00	00			2804510
				65	22			
				58	40			
				51	44			2804532
				46	02			
				37	54			
				31	40			2804534
				00	00			
				00	00			
				00	00			2804536
				91	22			
				00	00			
				00	00			2804538
				00	00			
				00	00			
				00	00			2804540

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.	1282 + 95° N	
	948	1681		733	T.P. FROM PREVIOUS PG LEFT	
			148	20	66 SAND	
			1237	444	41 SET 1X2 UP 0.2	
			122	46	39 M.H.W	
			565	1116		℄ SET 1X2
			71	97		℄ SAND RIGHT
			56	112		7 GR. CH.
			33	135		27 BOT SEA WALL
			+01	169		28 TOP " "
			09	159		29 BOT " "
			+20	188		42 BOT BANK
			+70	238		68 TOP " EDGERD
T.P.			1094	587		
					CUT GUN AT N123	SIGHT ON N-124
	001	4 45		444	1X2 41 FT LEFT	
			41	03	91 FT LEFT	BIG ROCKS VISIBLE AT LOW TIDE
			74	-30	#1 17° 45'	
			109	-65	2 28 05	
			128	-84	3 36 10	
			136	-92	4 41 55	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 230002 Division No. 11 F.B. 3795 Pg. 111
Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-2-62
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

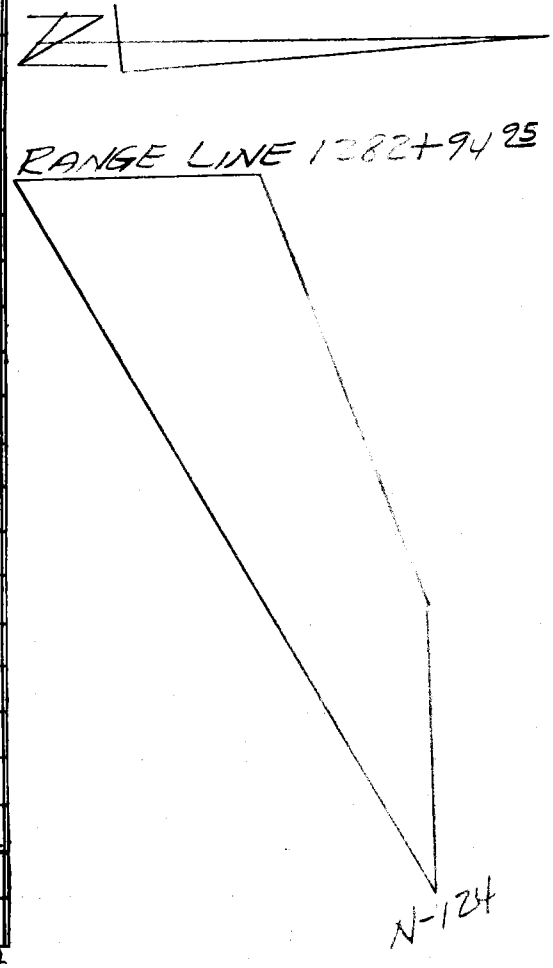
76S420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-124	N-123	11:32	1	65°	00'			
			2	62°	50'			
			3	58°	17'			2829512
			4	55°	36'			
			5	52°	31'			
			6	50°	32'			2829514
			7	47°	06'			
			8	44°	25'			
			9	41°	11'			2829516
			10	38°	02'			
			11	34°	38'			
			12	30°	04'			2829518
			13	26°	14'			
			14	22°	15'			
			15	19°	49'			2829520
		11:39	16	17°	44'			
				00	00			
				00	00			2829522
				00	00			
				00	00			
				00	00			2829524



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3795 Pg. 113
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 5-2-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.L. GALL Date ____

F. B. 3795 Pg. 114 | 0300-02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed Date Date Date No.

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.
				88	38			
				00	00			
				00	00			2829508
				00	00			
				00	00			
				00	00			2829510
				41	55			
				36	10			
				28	05			2829532
				17	45			
				00	00			
				00	00			2829534
				00	00			
				00	00			
				00	00			2829536
				91	22			
				00	00			
				00	00			2829538
				00	00			
				00	00			
				00	00			2829540

X

Notes Ck'd by	Survey of MALIBU AREA HYDROGRAPHIC SURVEY
Map No.	JN0300.02 Tape Std °F
Office Work	Surveyed by RICHARDS
Checked	Notes UHARRIET Date 5-3-67
Date	Indexed G.T. GALLI

F.B. 3795 Pg. 115

TIDE GAGE READINGS
MAY 3, 1967
TIME - P.S.T.
DATUM - M.L.L.W.

TIME	TIDE
6:00	3.7
6:30	3.4
7:00	3.2
7:30	2.8
8:00	2.4
8:30	2.0
9:00	1.5
9:30	1.0
10:00	0.6
10:30	0.4
11:00	0.1
11:30	0.0
12:00	-0.1
12:30	0.1
13:00	0.3
13:30	0.5
14:00	1.0

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

Do not extend this side of this line.

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

76P3098 CE #310 8-66

F.B. 3725 Pg. 116

MAY 5, 1967

Observed Tides

Predicted Tide

6 4 2 0

6 AM 8 10 12 2 4 6 PM

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

Do not extend this side of this line.

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

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1285+45° N	
	644	1231		587	T.P. FROM PREVIOUS PG	
			97	26	LEFT 55 SAND	
			790	441	38 SET 1X2	
			77	46	33 M.H.W. SAND	
			50	73	6 ROW PILINGS BLDG	
			274	957		℄ SET 1X2 UNDER BLDG
			43	80		℄ SAND
			06	117		15 GR. CH. RIGHT UNDER BLDG
			+23	146		30 BOT SEAWALL
			+89	212		30 TOP " FLOOR BLDG
T.P.			556	675		
					CUT GUN 1290+45°	SIGHT ON 1285+45°
	172	632		460	1X2 21 FT LEFT RANGE 1287+95'	
			17	46	32 FT. LEFT M.H.W.	
			57	06	76 " " BRK	OCCASIONAL ROCK
			67	-04	#1 11° 53'	TO 8 FT DIAM. VISIBLE
			90	-27	2 18 12	AT LOW TIDE AND
			145	-82	3 31 00	END ABOUT 1287+00
			159	-96	4 35 33	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 03 0002 Division No. 11 F.B. 3795 Pg. 117
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-23-61
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

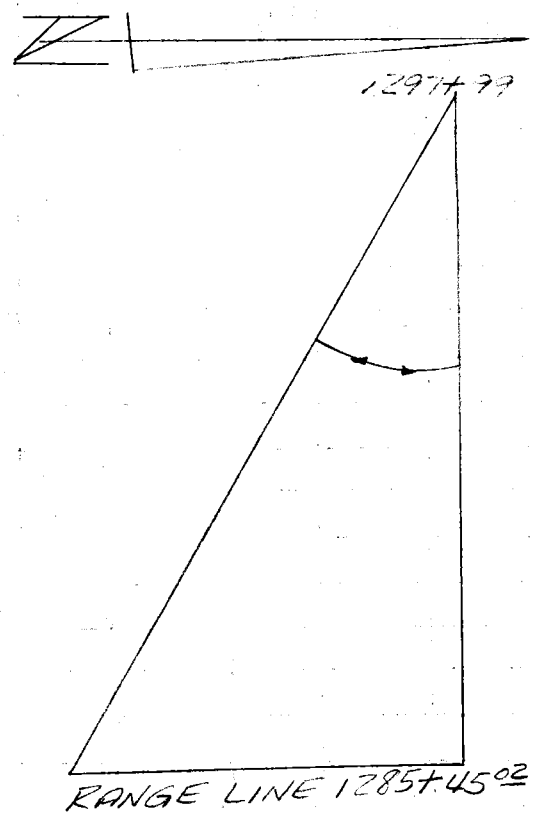
765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Range Min.	Line	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch						
1297+99	N-124	7:00	1	61°	30'				
			2	59°	43'				
			3	57°	24'				2854514
			4	51°	55'				
			5	46°	06'				
			6	40°	02'				2854516
			7	36°	33'				
			8	33°	17'				
			9	29°	46'				2854518
			10	25°	31'				
			11	23°	08'				
			12	20°	41'				2854520
			13	17°	51'				
			14	14°	51'				
		7:05	15	11°	45'				2854522
				00	00				
				00	00				
				00	00				2854524



Profile Notes Red. Plotted Job No. 03300.02 Division No. 11
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes T.G. Date 5-3-62
No. Date Date Map No. Indexed C.J.Gatti Date
F. B. 3795 Pg. 119

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					
				88	38			
				00	00			
				00	00			2854510
				00	00			
				00	00			
				00	00			2854512
				88	38			
				00	00			
				00	00			2854532
				00	00			
				00	00			
				00	00			2854534
				35	33			
				31	00			
				18	12			2854536
				11	53			
				00	00			
				00	00			2854538
				00	00			
				00	00			
				00	00			2854540 X

F. B. 3795 Pg. 120 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed Date Date Date No.

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.	1287+95±	
	727	1402		675	T.P. FROM PREVIOUS PG	
			118	22	42 LEFT SAND	
			942	460	21 SET 1X2 UP 0.3	
			94	46	19 M.H.W. SAND	
			602	800		℄ SET 1X2
			71	69		℄ SAND
			45	95		19 RIGHT ROW PILINGS BLDG UNDER BLDG
			33	107		25 GR. CH.
			12	128		55 BOT ROCK SEA WALL
			+84	224		TOP " " 71 FLOOR BLDG
T.P.			777	625		
					CUT GUN AT 1290+45² SIGHT ON 1287+95±	
	146	606		460	1X2 21 FT LEFT	
			174	-113	#1 54° 42'	
			153	-92	2 49 45	
			126	-65	3 39 41	
			88	-27	4 27 51	
			69	-08	5 21 07	
			59	02	6 14 09	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 230002 Division No. 11 F.B. 3795 Pg. 121
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-8-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

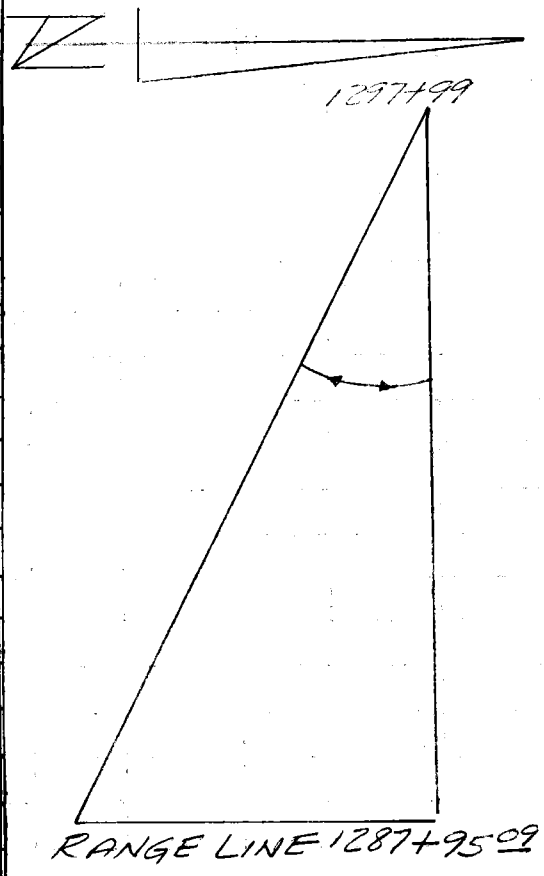
765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Range Min.	Line	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch						
1297+99	N-124	7:14	1	63°	42'				
			2	60°	51'				
			3	57°	56'				2879514
			4	54°	40'				
			5	49°	57'				
			6	44°	32'				2879516
			7	38°	35'				
			8	34°	54'				
			9	30°	11'				2879518
			10	26°	18'				
			11	23°	26'				
			12	20°	52'				2879520
			13	17°	37'				
			14	15°	21'				
		7:19	15	13°	23'				2879522
				00	00				
				00	00				
				00	00				2879524



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11
No. Date Date Survey of HYDROGRAPHIC SURVEY F. B. 3795 Pg. 123
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes J.G. Date 5-3-62
No. Date Date Map No. Indexed C. L. GALLI Date

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 129 Job No. 0330.02 Division No. 11 Profile

Survey of HYDROGRAPHIC SURVEY Notes Red. Plotted. No.

Survey by RICHARDS Notes J.G. Date Date X-Sec.

Indexed Date Notes Chkd. Checked. No.

Date Date

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				88	38			
				00	00			
				00	00			2879510
				00	00			
				00	00			
				00	00			2879512
				88	38			
				00	00			
				00	00			2879532
				00	00			
				00	00			
				00	00			2879534
				54	42			
				49	45			
				39	41			2879536
				27	51			
				21	07			
				14	09			2879538
				00	00			
				00	00			
				00	00			2879540

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.	1290+45² N	
	588	1213		625	T.P. FROM PREVIOUS PG	
			99	22	34 SAND LEFT	
			810	403	20 SET 1X2 UP 0.7 ✓ OK 5-3-67	
			75	46	11 M.H.W.	
			482	731		℄ SET 1X2
			61	60		℄ SAND
			44	77		RIGHT BLDG 15 ROW PILINGS UNDER BLDG
			07	114		33 G.R. CH.
			+23	144		54 BOT SEA
			+90	211		TOP " 54 FLOOR BLDG
T.P			574	639	N-124 FD 2X2 & C.E. TAG	
					CUT GUN AT 1287+95²	SIGHT ON 1290+45²
	-081	650		731	1X2 ON ℄	
			60	05	#1 11° 39'	
			80	-15	2 20 05	
			105	-40	3 30 02	
			140	-75	4 41 21	
			180	-115	5 46 34	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3795 Pg. 125
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-2-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date ____

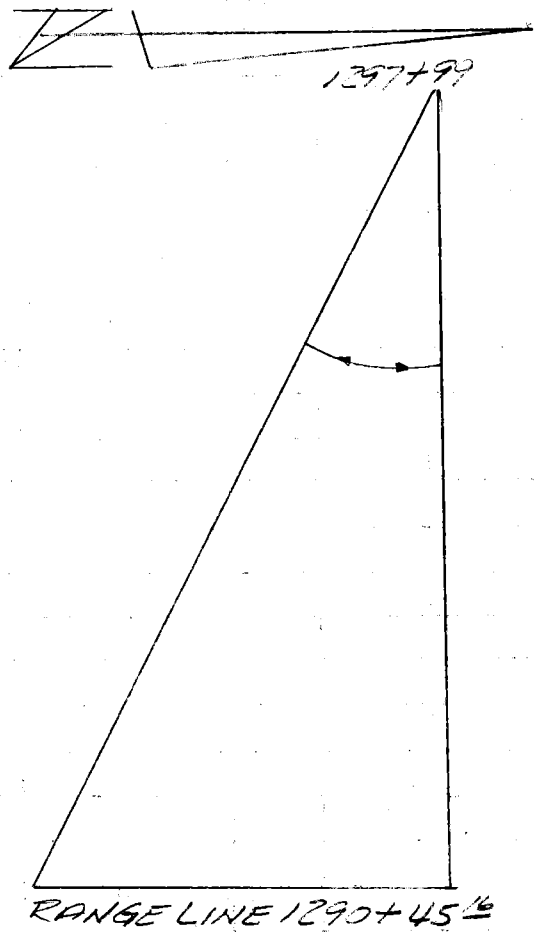
76S420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1297+99	N-124	7:30	1	68°	57'			
			2	65°	55'			
			3	62°	20'			2904514
			4	57°	06'			
			5	52°	09'			
			6	47°	10'			2904516
			7	43°	38'			
			8	35°	47'			
			9	32°	41'			2904518
			10	28°	10'			
			11	23°	04'			
			12	20°	02'			2904520
			13	14°	35'			
		7:35	14	12°	40'			
				00	00			2904522
				00	00			
				00	00			
				00	00			2904524



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 127
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 5-3-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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					
				88	38			
				00	00			
				00	00			2904510
				00	00			
				00	00			
				00	00			2904512
				91	22			
				00	00			
				00	00			2904532
				00	00			
				00	00			
				00	00			2904534
				46	34			
				41	21			
				30	02			2904536
				20	05			
				11	39			
				00	00			2904538
				00	00			
				00	00			
				00	00			2904540

F. B. 3795 Pg. 128 Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

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

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

Indexed Date Date No.

76-L-298 CE 307 2-63

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.	1292+96° N	
	742	1381		639	N-124 FD 2X2 & C.E. TAG LEFT	PREVIOUS PAGE
			900	481	13 SET 1X2 UP 0.1	
			725	656		℄ SET 1X2 FLUSH RIGHT
			41	97		23 GR.CH.
			17	121		35 BOT SEA WALL
			+50	188		36 TOP " "
			+52	190		65 SHLDR RD
T.P.			654	727		
					CUT GUN AT 1287+95	SIGHT ON N-124
	102	583'		481	1X2 13 FT LEFT	
		ESTIM.	205	-147	#1 33° 34'	
		"	182	-124	2 29 36	
			147	-89	3 25 31	
			115	-57	4 20 54	
			89	-31	5 15 16	
			70	-12	6 11 15	
			60	-02	7 8 37	
			12	46	13 FT LEFT M.H.W	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2300-02 Division No. 11 F.B. 3795 Pg. 129
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-3-62
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

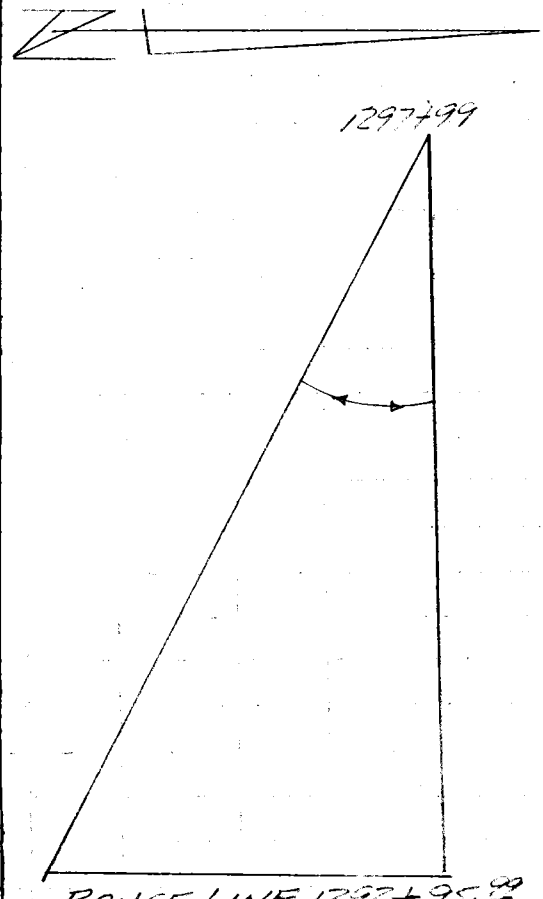
765420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1297+99	N-124	7:49	1	80°	58'			
			2	79°	14'			
			3	77°	33'			2929612
			4	76°	30'			
			5	73°	58'			
			6	69°	11'			2929614
			7	64°	05'			
			8	56°	27'			
			9	48°	49'			2929616
			10	45°	38'			
			11	38°	56'			
			12	32°	34'			2929618
			13	25°	18'			
		7:53	14	18°	05'			
				00	00			2929620
				00	00			
				00	00			
				00	00			2929622
				83	45			
				00	00			
				00	00			2929608



Profile Notes Red. ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3795 Pg. 131
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 5-3-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.T. GALLI Date ____

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 132 Job No. 0300.02 Division No. 11 Notes Red. Plotted No.

Survey of HYDROGEODETIC SURVEY Date Date X-Sec.

Survey by RICHARDS Notes T.8. Notes Chkd. Checked No.

Indexed Date Date Date

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				00	00			
				00	00			
				00	00			2929610
				33	34			
				29	36			
				25	31			2929632
				20	54			
				15	16			
				11	15			2929634
				08	37			
				00	00			
				00	00			2929636
				00	00			
				00	00			
				00	00			2929638
				96	15			
				00	00			
				00	00			2929640
				00	00			
				00	00			
				00	00			2929642

X

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.	1295+475 N	
	661	1388		727	T.P. FROM PREVIOUS PG	
			898	490	20 LEFT SET 1X2 UP 0.5	
			700	688		℄ SET 1X2 DN 0.4
			22	117		RIGHT LOOSE 27 BOT ROCK SEAWALL
			+51	190		36 TOP WOOD " "
			+45	184		37 BOT " " "
			+56	195		67 SHLDR RD
T.P.			599	789		
		60			CUT GUN 1292+96°	SIGHT ON N-125
	107	597		490	1X2 20FT LEFT	
			14	46	20 FT " M.H.W.	
			63	-03	68 " "	
			74	-14	#1 20° 52'	
			96	-36	2 28 18	
			129	-69	3 37 15	
			160	-100	4 42 38	
		ESTIM.	210	-150	5 46 49	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3795 Pg. 133
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-3-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

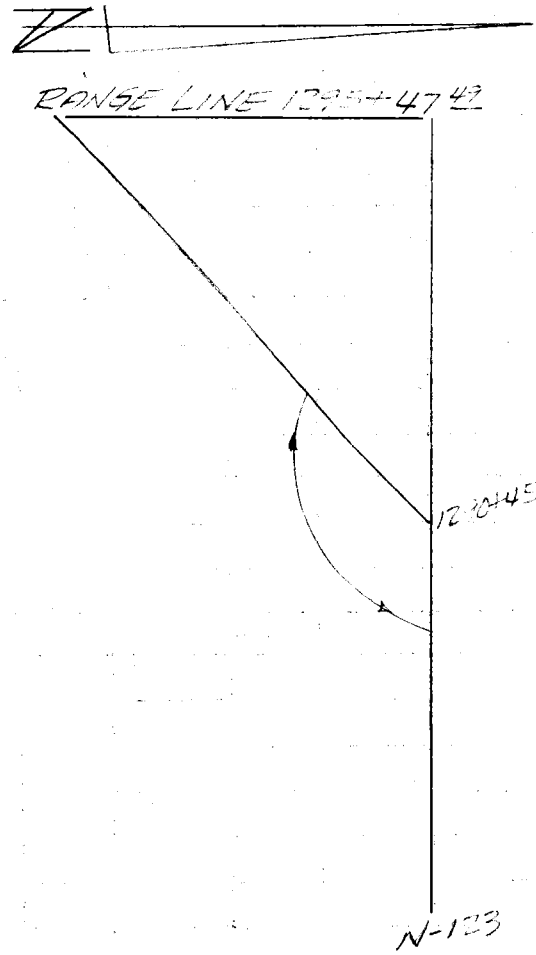
765420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
1290+45 E	N-123	8:15	1	107°	50'			
			2	109°	46'			
			3	111°	40'			
			4	114°	33'			
			5	116°	35'			
			6	118°	12'			
			7	120°	54'			
			8	123°	41'			
			9	126°	21'			
			10	128°	09'			
			11	129°	53'			
			12	135°	18'			
			13	140°	03'			
			14	147°	39'			
			15	154°	13'			
		8:22	16	158°	26'			



Profile Notes Red. Plotted Job No. 8300.02 Division No. 11 F. B. 3795 Pg. 135
No. Date Date Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. Checked Survey by [illegible] Notes [illegible] Date [illegible]
No. Date Date Map No. Indexed C. J. GALL Date

F. B. 3795 Pg. 136 | Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEY Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				72	10			
				70	14			
				68	20			2954710
				65	27			
				63	25			
				61	48			2954712
				59	26			
				56	19			
				53	39			2954714
				51	51			
				50	07			
				44	42			2954716
				39	57			
				32	21			
				25	47			2954718
				21	34			
				00	00			
				00	00			2954720
				00	00			
				00	00			
				00	00			2954722

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. 3795 Pg. 135A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 136 Job No. Division No. Notes Red. Plotted No.

Survey of Date Date X-Sec.

Survey by Notes Notes Chkd. Checked No.

Indexed Date Date Date

INST. AT DON'T PUNCH	SIGHT ON DON'T PUNCH	TIME DON'T PUNCH	ANGLE Nº DON'T PUNCH	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
				96	15			
				00	00			
				00	00			2954724
				00	00			
				00	00			
				00	00			2954726
				46	49			
				42	38			
				37	15			2954734
				28	18			
				20	52			
				00	00			2954736
				00	00			
				00	00			
				00	00			2954738
				96	15			
				00	00			
				00	00			2954740
				00	00			
				00	00			
				00	00			2954742

X

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.	1297 + 99°	
	430	1219		789	T.P. FROM PREVIOUS PG	
			736	483	21 LEFT SET 1X2 UPOR	
			356	863		℄ SET 1X2
			48	74		℄ SAND RIGHT
			08	114		23 GR CH
			+10	132		37 BOT WOOD SEA WALL
			+60	182		38 TOP " " "
			+50	172		39 BOT " " "
			+69	191		60 GR CH
1298+43			45	77		℄ BANK CREEK
1299+03			75	47		℄ F.L. "
1299+39			38	84		℄ BANK "
T.P.			351	868		
					CUT GUN AT 1292+96°	SIGHT ON N125
	087	570		483	1X2 21 FT LEFT	
			157	-100	#1 29° 12'	
			150	-93	2 25 35	
			124	-67	3 20 22	
			85	-28	4 14 43	
			66	-09	5 10 45	
			60	-03	6 8 51	
			11	46	21 FT LEFT M-H.W	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3795 Pg. 137
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-3-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

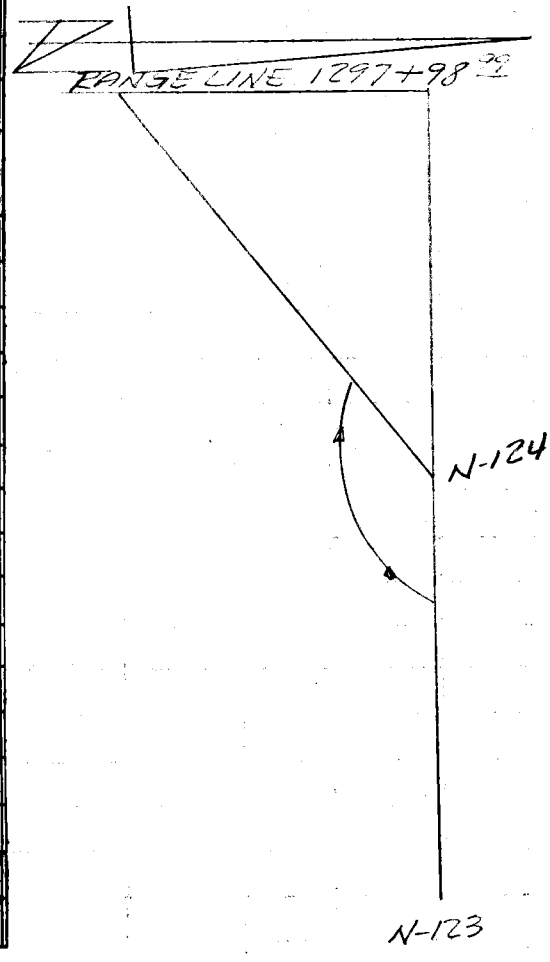
765420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-124	N-123	8:32	1	110°	47'			
			2	112°	57'			
			3	115°	07'			
			4	117°	00'			
			5	118°	13'			
			6	121°	10'			
			7	126°	17'			
			8	129°	46'			
			9	133°	42'			
			10	138°	10'			
			11	141°	42'			
			12	145°	03'			
			13	147°	28'			
			14	151°	32'			
			15	155°	33'			
		8:31	16	158°	38'			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 139
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 5-3-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F. B. 3795 Pg. 140 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Range Min.	Line	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch						
				69	13				
				67	03				
				64	53				2979908
				63	00				
				61	47				
				58	50				2979910
				53	43				
				50	14				
				46	18				2979912
				41	50				
				38	18				
				34	57				2979914
				32	32				
				28	28				
				24	27				2979916
				21	22				
				00	00				
				00	00				2979918
				00	00				
				00	00				
				00	00				2979920

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. 3795 Pg. 139 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 140 A Job No. Division No. Notes Red. Plotted No. Profile

Survey of Date Date X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed Date Date Date No.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No. Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
				96	15			
				00	00			
				00	00			2979922
				00	00			
				00	00			
				00	00			2979924
				29	12			
				25	35			
				20	22			2979936
				14	43			
				10	45			
				08	51			2979938
				00	00			
				00	00			
				00	00			2979940
				96	15			
				00	00			
				00	00			2979932
				00	00			
				00	00			
				00	00			2979934 X

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.	1300+50.5 N	
	563	1431		868	T.P. FROM PREVIOUS PG	
			900	531	33 LEFT SET 1X2 UP 0.3	
			409	1422		℄ SET
			50	93		℄ SAND
			10	133		30 LEFT SAND
			+11	154		51 FRONT FOOTING BLDG
			+63	206		51 WOOD DECK
N-125			375	1056		℄ FD 2X2 & T
D-1			200	1231		15 RIGHT FD 2X2 & T
					CUT GUN AT 1292+96° SIGHT ON N-125	
	160	691		531	1X2 33 FT LEFT	
			23	46	37 FT LEFT M.H.W.	
			70	-01	#1 6° 33'	
			82	-13	2 8 40	
			131	-62	3 14 17	
			165	-96	4 20 26	
			180	-111	5 22 20	

DATUM
MEAN LOWER LOW WATER

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 03000 Division No. 11 Survey of MALIBU HYDRO Survey by WILSON Notes ADAMS Date 5-3-67 Map No. Indexed C. J. GALLI Date

F. B. 3795 PG. 141

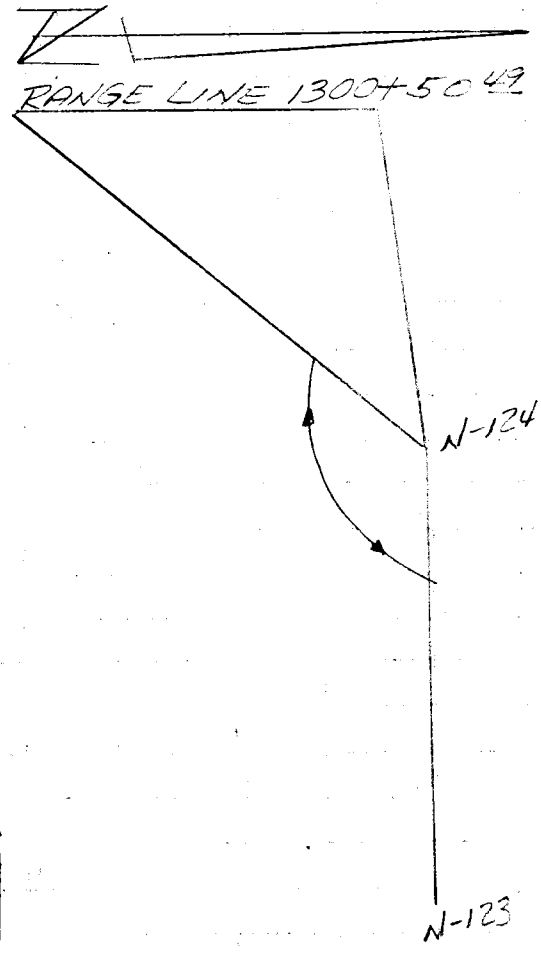
76S420A - CE 353A - Cdb 9-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-124	N-123	8:51	1	114°	04'			
			2	115°	43'			
			3	117°	30'			
			4	119°	52'			
			5	122°	42'			
			6	124°	47'			
			7	126°	13'			
			8	127°	15'			
			9	129°	23'			
			10	131°	59'			
			11	135°	20'			
			12	138°	12'			
			13	139°	50'			
			14	143°	02'			
			15	147°	07'			
			16	150°	08'			
			17	153°	02'			
			18	156°	54'			
			19	160°	19'			
		9:00	20	162°	07'			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 143
No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY
X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes J.G. Date 5-3-61
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3795 PG. 144 | 0300.02 Job No. ___ Division No. 11 Notes Red. ___ Plotted ___ Profile

Survey of HYDROGRAPHIC SURVEY Date ___ Date ___ No. ___

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

Indexed ___ Date ___ Date ___ Date ___ No. ___

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

Do not extend notes this side of this line.

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

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

76L298 307 Cdb 12-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				65	56			
				64	17			
				62	30			3005008
				60	08			
				57	18			
				55	13			3005010
				53	47			
				52	45			
				50	37			3005012
				48	01			
				44	40			
				41	48			3005014
				40	10			
				36	58			
				32	53			3005016
				29	52			
				26	58			
				23	06			3005018
				19	41			
				17	53			
				00	00			3005020

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. 3705 PG. 143 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.

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

Survey of Notes Notes Chkd. Date Checked Date

Survey by Date

Indexed

F. B. 3795 Pg. 144A

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.
				00	00			
				00	00			
				00	00			3005022
				96	15			
				00	00			
				00	00			3005024
				00	00			
				00	00			
				00	00			3005026
				22	20			
				20	26			
				14	17			3005034
				08	40			
				06	33			
				00	00			3005036
				00	00			
				00	00			
				00	00			3005038
				96	15			
				00	00			
				00	00			3005040

X

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.	1303+14.8 N	
	294	1525		1231	D-1 FROM LEFT	PREVIOUS PG
			1023	502	55 SET 1X2	
			42	111	16 GR.CH.	
			089	1436		℄ SET 1X2
			22	131		℄ SAND
			03	150		RIGHT 19 FOOT ING BLDG
			+37	190		19 FLOOR BLDG
			+08	161		BACK OF BLDG 59 8' BOARD FENCE
T.P.			376	1149		
					CUT GUN AT 1308+26.2	SIGHT ON D-1
	082	584		502	1X2 55 FT LEFT	
			174	-116	#1 38° 59'	
			167	-109	2 35 40	
			137	-79	3 31 41	
			115	-57	4 23 42	
			83	-25	5 17 48	
			76	-18	6 15 18	
			63	-05	7 12 08	
			12	46	57 FT LEFT M.H.W.	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0300002 Division No. 11 Survey of MALIBU HYDRO Survey by WILSON Notes ADAMS Date 5-3-67 Map No. ____ Indexed C. J. GALLI Date ____

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

F.B. 3795 PG. 145

76S420A - CE 353A - Cdb 9-62

PLEASE RETURN TO

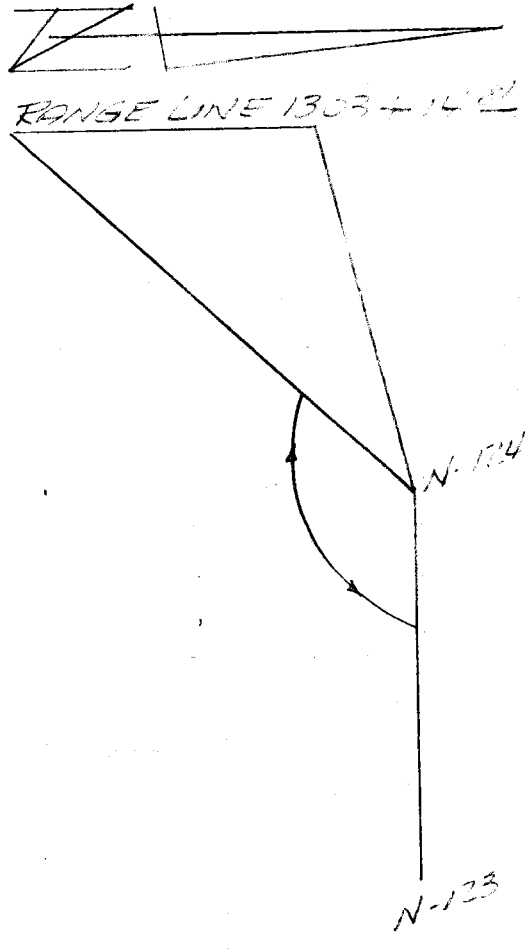
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-124	N-123	9:15	1	121°	09'			
			2	123°	48'			
			3	126°	52'			
			4	129°	02'			
			5	130°	23'			
			6	132°	28'			
			7	134°	21'			
			8	134°	57'			
			9	137°	28'			
			10	140°	55'			
			11	143°	03'			
			12	145°	07'			
			13	147°	26'			
			14	150°	39'			
			15	154°	15'			
			16	156°	34'			
			17	160°	06'			
		9:25	18	161°	47'			



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 147

No. Date Date Survey of HYDROGRAPHIC SURVEY

X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes J.G. Date 3-3-61

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

F. B. 3795 PG. 148 | 0300.02

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

Survey of HYDROGRAPHIC SURVEY Date ______ Date ______ No. ______

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

Indexed ______ Date ______ Date ______ Date ______ No. ______

Inst. At (Don't Punch)	Sight On (Don't Punch)	Time (Don't Punch)	Angle № (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 №

Do not extend notes this side of this line.

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

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				58	51			
				56	12			
				53	08			3031510
				50	58			
				49	37			
				47	32			3031512
				45	39			
				45	03			
				42	32			3031514
				39	05			
				36	57			
				34	53			3031516
				32	34			
				29	21			
				25	45			3031518
				23	26			
				19	54			
				18	13			3031520
				00	00			
				00	00			
				00	00			3031522

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. 3795 Pg. 147 A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No.

Job No.

F. B. 3795 Pg. 148A

Survey of

Survey by Notes Date

Indexed

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.
				102	08			
				00	00			
				00	00			3031524
				00	00			
				00	00			
				00	00			3031526
				38	59			
				35	40			
				31	41			3031538
				23	42			
				17	48			
				15	18			3031540
				12	08			
				00	00			
				00	00			3031542
				00	00			
				00	00			
				00	00			3031544
				77	52			
				00	00			
				00	00			3031534

x

to PP 41 A

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.	1305+70 5 N	
	556	1705		1149	T.P. FROM PREVIOUS PG	
			1107	598	48 LEFT SET 1X2 UP 0.2	
			309	1396		℄ SET 1X2
			46	125		℄ SAND
			21	150		24 GR RIGHT CH
			20	151		51 FOOTING BLDG
			+32	203		51 DECK BLDG
T.P.			635	1070		
					CUT GUN 1308+26 2	SIGHT ON D-1
	080	679 8		598	1X2 48 FT LEFT	
			22	46	56 FT LEFT M.H.W.	
			72	-04	#1 23° 51'	
			82	-14	2 28 38	
			93	-25	3 34 06	
			115	-47	4 41 59	
			149	-81	5 51 08	
			165	-97	6 57 56	
			171	-103	7 60 37	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 3000 Division No. 11 F.B. 3795 Pg. 149
Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by WILSON Notes ARAUZ Date 5-3-67
Date ____ Date ____ Map No. ____ Indexed C.B. GALLY Date ____

76S420A - CE 353A - Cdb 9-62

PLEASE RETURN TO

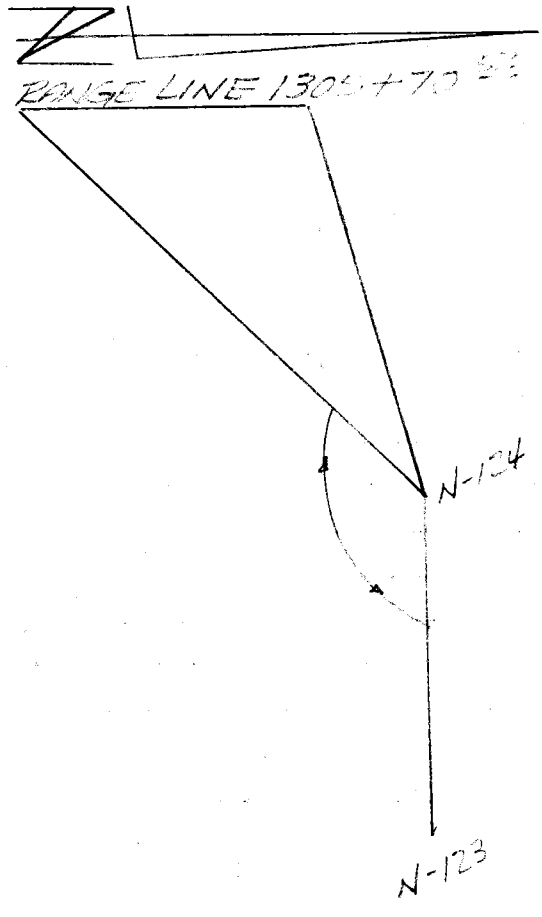
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-124	N-123	9:35	1	119°	57'			
			2	120°	50'			
			3	122°	33'			
			4	124°	17'			
			5	126°	13'			
			6	128°	06'			
			7	129°	17'			
			8	129°	42'			
			9	129°	50'			
			10	130°	46'			
			11	130°	59'			
			12	131°	22'			
			13	132°	07'			
			14	132°	59'			
			15	133°	27'			
			16	133°	45'			
			17	134°	44'			
			18	136°	39'			
			19	137°	32'			
			20	138°	45'			



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 151

No. Date Date Survey of HYDROGRAPHIC SURVEY

X-Sec. Notes Chkd. Checked Survey by [illegible] Notes [illegible] Date 5-3-67

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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 152 | Job No. 0300.02 | Division No. 11 | Notes Red. | Plotted | No.

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

Survey by Richards | Notes J.G. | Notes Chkd. | Checked | No.

Indexed C.J.GALL | Date | Date | Date

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
			21	139°	39'			
			22	141°	07'			
			23	142°	01'			
			24	142°	49'			
			25	144°	49'			
			26	146°	40'			
			27	148°	41'			
			28	150°	50'			
			29	153°	06'			
			30	154°	56'			
			31	156°	24'			
			32	158°	57'			
			33	160°	52'			
			34	161°	41'			
			35	163°	16'			
			36	165°	17'			
		9:49	37	166°	58'			

76L298 307 Cdb 12-62

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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH						
				60	03				
				59	10				
				57	27				3057010
				55	43				
				53	47				
				51	54				3057012
				50	43				
				50	18				
				50	10				3057014
				49	14				
				49	01				
				48	38				3057016
				47	53				
				47	01				
				46	33				3057018
				46	17				
				45	16				
				43	21				3057020
				42	28				
				41	15				
				40	30				3057022

Profile Notes Red. Plotted Job No. Division No. F. B. 3705 Pg. 151 A
No. Date Date Survey of
X-Sec. Notes Chkd. Checked Survey by Notes Date
No. Date Date Map No. Indexed Date

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F. B. 3795 Pg. 152A Job No. Division No. Notes Red. Plotted

Survey of Date Date X-Sec.

Survey by Notes Notes Chkd. Checked

Indexed Date Date Date

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No. Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
				38	53			
				37	59			
				37	11			3057024
				35	11			
				33	20			
				31	11			3057026
				29	10			
				26	54			
				25	04			3057028
				23	36			
				21	03			
				19	08			3057030
				18	19			
				16	44			
				14	43			3057032
				14	02			
				00	00			
				00	00			3057034
				00	00			
				00	00			
				00	00			3057036 X

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				102	08			
				00	00			
				00	00			3057038
				00	00			
				00	00			
				00	00			3057040
				77	52			
				00	00			
				60	00			3057048
				00	00			
				00	00			
				00	00			3057050
				60	37			
				57	56			
				51	08			3057052
				41	59			
				34	06			
				28	38			3057054
				23	51			
				00	00			
				00	00			3057056

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. 3795 Pg. 152 B

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				00	00			
				00	00			
				00	00			3057058
				30	34			
				25	15			
				21	06			3082644
				00	00			
				00	00			
				00	00			3082646
				102	08			
				00	00			
				00	00			3082648
				00	00			
				00	00			
				00	00			3082650

To Pg. 156 A 3795

X

F. B. 3795 Pg. 153 B

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

Survey of ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

1307

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.	1308 + 26²	
	6 74	17 44		10 70	T.P. FROM PREVIOUS PG	
			11 25	6 19	47 LEFT SET 1X2 UP 0.1	
			3 21	14 23		℄ SET 1X2
			4 5	12 9		℄ SAND
			1 6	15 8		RIGHT 25 GR.CH.
			1 0	16 4		56 FOOTING WOOD DECK
			+2 6	20 0		56 TOP " "
T.B.M. # 18			3 48	13 96	1X2 1308+ T.B.M. #18	
					CUT GUN AT 1305+70⁵	SIGHT ON 1308+26²
T.P.	-0 37	5 8 2		6 19	1X2 47 FT LEFT	
			15 6	-9 8	#1 46° 32'	
			14 5	-8 7	2 42 02	
			11 5	-5 7	3 37 02	
			9 3	-3 5	4 30 34	
			7 7	-1 9	5 25 15	
			6 5	-0 7	6 21 06	
			1 2	4 6	57 FT LEFT M.H.W.	

T. B.M.

(THE BITTER END)

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300 P2 Division No. 11 F.B. 3795 Pg. 153
X-Sec. No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-3-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO

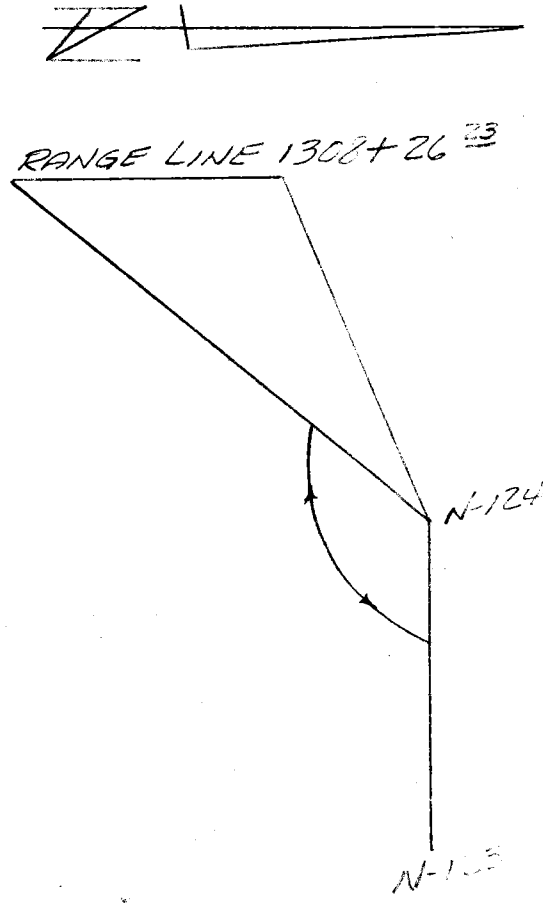
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
N-124	N-123	9:57	1	126°	06'			
			2	127°	46'			
			3	129°	45'			
			4	132°	07'			
			5	133°	08'			
			6	134°	58'			
			7	135°	21'			
			8	136°	19'			
			9	137°	12'			
			10	137°	35'			
			11	138°	20'			
			12	139°	15'			
			13	140°	50'			
			14	142°	08'			
			15	143°	47'			
			16	144°	05'			
			17	145°	24'			
			18	146°	31'			
			19	148°	17'			
			20	149°	18'			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 3795 Pg. 155

No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEY

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

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

F. B. 3795 Pg. 156 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEY Date Date No.

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

Indexed C. J. GALLI Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	Range Min.	Line	Card No.
				150°	44'				
				151°	50'				
				152°	30'				
				153°	49'				
				150°	44'				
				149°	58'				
		10:10		152°	21'				

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	RANGE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
				53	54			
				52	14			
				50	15			3082610
				47	53			
				46	52			
				45	02			3082612
				44	39			
				43	41			
				42	48			3082614
				42	25			
				41	40			
				40	45			3082616
				39	10			
				37	42			
				37	13			3082618
				35	55			
				34	36			
				33	29			3082620
				31	43			
				30	42			
				29	16			3082622

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. 3795 Pg. 155A

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No.

Job No.

Survey of

Survey by Notes

Indexed Date

F. B. 3795 Pg. 154 A

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
				28	10			
				27	10			
				25	12			3082624
				23	16			
				21	12			
				19	02			3082626
				17	01			
				00	00			
				00	00			3082628
				00	00			
				00	00			
				00	00			3082630
				102	08			
				00	00			
				00	00			3082632
				00	00			
				00	00			
				00	00			3082634
				46	32			
				42	02			
				37	02			3082642

† To Pg. 153-B 3795

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.		
T.B.M. #18				1396	1305 + 70.52	FD 1X2 FROM PREVIOUS PAGE
	187	1583				
T.P.			562	1021		
	927	1948				
T.P.			069	1879		
	497	2376				
B.M. 48-106			380	1996	PAC. CST. HYWY @ ESCONDIDO CRK BRIDGE IN N.W. COR @ E. END FD A C.S. BR. CAP	ELEV = 17.277 + 2.75 MLLW 20.027

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 3000 Division No. 11 F.B. 3795 Pg. 157
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 5-3-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

Profile No.	Notes Red	Plotted	Job No. 0300.02	Division No. 11	F.B. 3795 PG. 159
	Date	Date	Survey of HYD. SURV.		
X-Sec. No.	Notes Chkd.	Checked	Survey by WILSON	Notes WILSON	Date 3, 4, 5, 67
	Date	Date	Map No.	Indexed C. J. GALLI	Date

MALIBU HYDROGRAPHIC
TBMS FROM PLL 48 TO
BEACH CONTROL LINE

JN 0300.02

MAR '67

M.L.L.W. DATUM

MHW = 4.60'
MSL = 2.75'
MLLW = 0.00'

WILSON
ADAMS
MANLEY
TULLIER
FISHER

ELEV.

DATUM
MEAN LOWER LOW WATER

F.S.

H.I.

B.S.

STATION

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 ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

76L-298 CE 307 11-58

76L-298 CE/307 11-56

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

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

Do not extend notes this side of this line.

F.B. 3795 Pg. 160 Job No. 030002 Division No. 11 Notes Red Plotted Profile
Survey of HYD. SUR. Date No. X-Sec.
Survey by WILSON Notes WILSON Notes Chkd. Checked
Indexed C.J. GALLI Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV		
BM 48-65				23 11	L.A. CO. SUR. CONT. "TOPANGA CYN A-8A" (MSL EL = 20.36')	SUB. TRAV. STA. F.B. 1369-54
	3 49	26 60				
TBM #1			11 55	15 05	TOP OF SEWER DRAIN PIPE @ SW COR HOUSE # 19222 P.C. HWY.	
	12 02	27 07				
BM 48-65			3 96	23 11	MLLW EL = 23.11	
BM 48-66				24 51	CITY OF L.A. DISC IN N. H. WALL BRIDGE # 53-365 (MSL EL = 21.76')	F.B. 1369-55
	5 86	30 37				
TP			11 25	19 12		
	3 07	22 19				
TBM #2			11 33	10 86	CEMON "A.L. RE 63"	PG 19
	1 70	12 56				
TBM #3			5 94	6 62	L & C.E. TAG N-81	754+66.91 PG A
	12 04	18 66				
TP			0 15	18 52		
	11 72	30 24				
BM 48-66			5 74	24 50	MLLW EL = 24.51'	

DATUM
MEAN LOWER LOW WATER

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.		
BM 48-68				29.77	LA CO SUR. CONT. SYS TRAV. STA "LAS FLORES L-8A" (MSL EL = 27.02)	FB 1369-57
	3.57	33.34				
TP			12.00	21.34		
	1.15	22.49				
TBM #4			9.21	13.28	6"X8" Stone Set in conc. foundation @ the foot of stairs @ House # 19706	
	9.46	22.74				
			1.02	21.72		
	10.96	32.68				
BM			2.90	29.78	EL = 29.77 BM 48-68	
BM 48-69				28.97	LA CO SUR CONT SYS TRAV. STA "LAS FLORES L-8" FB 1369-58 MSL EL = 26.22	
	1.97	30.94				
TP			9.53	21.41		
	1.09	22.50				
TBM #5			9.20	13.30	POT 794+46.72 LEAD & C.E. TAG.	FB 3790-24
	9.44	22.74				
TP			1.33	21.41		
	9.67	31.08				
BM 48-69			2.11	28.97	EL = 28.97	DATUM MEAN LOWER LOW WATER

Profile Notes Red. Plotted Job No. 03000.2 Division No. 11 F.B. 3795 Pg. 61
No. X-Sec. Date Date Survey of HYDL SURV., MALIBU AREA
No. Notes Chkd. Checked Survey by WILSON Notes WILSON Date 3-67
Date Date Map No. Indexed C.J. CALLI Date

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S. +	H. I.	F. S. −	ELEV.		
N-84 T.P.				862	784 + 64.01 FD C.E. TAG	FB 3790 PG 22
	076	9.38				
T.B.M 5A 784 + 70.99			378	560	FD CHIS "X" ON ROCK	
	340	9.00				
T.B.M 5.B. 787 + 94.4			575	325	FD 1×2 & N	
	419	7.44				
TBM 5C 791 + 17.8			096	648	FD CHIS "X" ON ROCK	
	562	12.10				
TBM 5D 793 + 80.96			186	1024	FD 1×2 & N	
	438	14.62				
P.O.T. 794 + 46.4			132	1330	FD L & C.E. TAG IN ROCK	EL = 13.30
	181	15.11				
TBM 5E 796 + 38.8			701	810	FD 1×2 & N	
	561	13.71				
T.B.M. 5F 798 + 92.6			374	997	FD 1×2 & N	
	106	11.03				
T.B.M. 5G 801 + 46.4			434	669	FD 1×2 & N	
	185	8.54				
804 + 00.2			509	345	FD 1×2 & N	
	526	8.71				
TBM 5H 806 + 52.8			010	861	FD CHIS "X" ON ROCK	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 03000.02 Division No. 11 F.B. 3795 Pg. 163
Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by ADAMS Notes ADAMS Date 3-20-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
	1 91	10 52				
809 + 03.23			510	542	FD. 1x2 & N.	
	3 65	9 07				
T.P.			472	435		
	7 55	11 90				
811 + 56.98			476	7.14	FD. 1x2 & N.	
	5 06	12 20				
814 + 13 2			560	660	FD. 1x2 & N.	
	1 59	8 19				
816 + 69 5			399	420	FD. 1x2 & N.	
	5 57	9 77				
N-90 T.B.M 5I			036	941	T.B.M. 5I FD. L & C.E. TAG IN Rock	
	4 30	13 71				
819 + 24.5			479	892	FD. FD CHIS "X" IN Rock	
	1 20	9 59				
821 + 76 2			462	497	FD. 1x2 & N	80'± ELY BIG ROCK REST.
	3 52	9 11				
824 + 28 0			471	440	FD 1x2 & N	
	5 70	10 10				
826 + 79 8			682	328	FD 1x2 & N	
	8 53	11 81				

DATUM
MEAN LOWER LOW WATER

F.B. 3795 Pg. 164 Job No. 03002 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of MALIBU HYDRO Date ____ Date ____ No. ____
Survey by ADAMS Notes ADAMS Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLI Date ____ Date ____ No. ____

76L298 307 10-51

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.

STATION	B. S.	H. I.	F. S.	ELEV.		
229+315			395	786	FD 1X2 & N	
	648	1434				
P.O.T. 829+91.85			348	1086	FD L & C.E. TAG IN Rock	
	351	1437				
TP			294	1143		
	450	1593				
TP			960	633		
	181	814				
T.P.			462	352		
	546	898				
T.B.M. 5J			086	812	SET LGE. BT. SPK. IN S.W.Ly	
	721	1533			COR HSE # 20700	
T.P.			690	843		
	1016	1859				
			045	1814		
	1138	2952				
BM 48-71			258	2694	LAS FLORES J-8A A C.S. MON	
					ELEV = 26,927 M.L.L.W.	
					F.B. 1369-60	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 230002 Division No. 11 F.B. 3795 Pg. 165
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by ADAMS Notes ADAMS Date 3-20-67
No. ____ Date ____ Date ____ Map No. ____ Indexed [redacted] Date ____

76L298 307 10-51

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.

STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. 48-72				3376	LAS FLORES I-8 FD. C.S. MON
	556	3932			ELEV= 33.755 M.L.L.W. F.B. 1369-61
T.P.			1120	2812	
	031	2843			
			1155	1688	
	457	2145			
T.B.M. #6			807	1338	SET LGE. BT. SPK. IN 12" PILING
	882	2220			AT REAR HSE # 20920
			195	2025	
	797	2822			
			010	2812	
	1113	3925			
B.M. 48-72			550	3375	ELEV 33.755 M.L.L.W. F.B. 1369-61
B.M 48-73				2043	U.S.C. & G.S. N-576 FD. BRASS
	036	2079			DISK. ELEV 20.434 M.L.L.W.
			924	1155	F.B. 1369-62
	200	1355			
T.B.M. #7			361	994	SET T.B.M. ON ROCK IN N.W.L.
	348	1342			FOUNDATION SEALION RESTAURANT

DATUM
MEAN LOWER LOW WATER

F.B. 3795 PG 166 Job No. 030002 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of MALIBU HYDRO Date ____ Date ____ No. ____
Survey by ADAMS Notes ADAMS Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. J. [illegible] Date ____ Date ____ No. ____

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B.S.	H.I.	F.S.	ELEV.		
			1 91	11 51		
	9 28	20 79				
B.M. 48-73			0 36	20 43	ELEV = 20.434 M.L.L.W. F.B. 1369-62	
B.M. 48-74					LAS FLORES G-8A FD HEX.	
					BAR MON F.B. 1369-63	
				17 84	ELEV = 17.838 M.L.L.W.	
	4 31	22 15				
#8 T.B.M			9 67	12 48	SET LGE. BT. SPK IN N.W. LY COR.	
	10 21	22 69			HSE # 21606	
BM 48-74			4 85	17 84	ELEV 17.838 M.L.L.W. F.B. 1369-63	
B.M. 48-75A				21 46	U.S. C.& G.S. B-1052 BRIDGE @ PAC	
	2 62	24 08			CST. Hywy & CARBON CYN RD, FD BRASS	
			11 33	12 75	DISK. ELEV. 21.457 M.L.L.W. F.B. 1369-64	
	1 55	14 30				
T.B.M. #9			7 28	7 02	FD. C.E. TAG & L. IN BOULDER IN REAR	
	7 66	14 68			OF HSE # 21756	
			1 93	12 75		
	11 89	24 64				
B.M. 48-75A			3 19	21 45	ELEV 21.46 FB 1369-64	

DATUM
MEAN LOWER LOW WATER

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

X-Sec. No. ____ Job No. 03-002 Division No. 11 Survey of MALIBU HYDRO Survey by ADAMS Notes ADAMS Date 3-31-67 Map No. ____ Indexed [illegible] Date ____

3795 F.B. PG. 167

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

F.B. PG. 68 Job No. 23cc02 Division No. Profile
Survey of MALIBU HYDRO Notes Red. Plotted No.
Survey by ADAMS Notes Chkd. Date Checked X-Sec.
Indexed C. J. GALLI Date 4-5-67 Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. 48-76				16 48	U.S.C & G.S. STATION S 576. FD BRASS	
	593	22.41			DISK AT N.W.LY COR HSE # 22.416	
			439	1802	ELEV = 16.483 M.L.L.W.	F.B. 1369-65
	562	23 64				
T.B.M. # 10			902	1462	N-# ? FD CHIS "X" IN TOP OF	
	883	2345			36" CORIG. DRAIN PIPE	
			542	1803		
	419	2222				
B.M. 48-76			574	1648	ELEV 16.483 M.L.L.W.	F.B. 1369 -65
B.M. 48-78				2059	U.S.C & GS R-576 @ MALIBU SPORT	
	624	2683			FISHING PIER FD. BRASS DISK IN	
			973	1710	CONC FLOOR OF INTR.	
	010	1720			ELEV = 20.594 M.L.L.W.	F.B. 1369-67
T.B.M. # 11			733	987	SET LGE. BT. SPK. IN S.W.LY.	
	761	1748			12" PILING MALIBU PIER	
			261	1487		
	1143	2630				
B.M. 48-78			572	2058	ELEV = 20,594 M.L.L.W	F.B. 1369-67

DATUM
MEAN LOWER LOW WATER

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.		
B.M. #48-80				22.11	PAC. CST. HWY. @ MALIBU CREEK	
	3.25	25.36			BRIDGE #53-32. FD. LGE. BR. SPK IN	
			10.63	14.73	CRB @ S.W.Ly COR	ELEV. 22.113 M.L.L.W. F.B. 1369 Pg 68
	0.80	15.53				
			4.84	10.69		
	2.69	13.38				
			5.65	7.73		
	8.80	16.53				
T.B.M. #12			5.54	10.99	FD 2" I.P. CONC. L.A. CO. CE. TAG	
	5.38	16.37			70'± S.E.Ly. OF HSE #23318 MALIBU COLONY	
			8.56	7.81		
	5.47	13.28				
			2.62	10.66		
	4.96	15.62				
			2.31	13.31		
	12.25	25.56				
BM #48-80			3.46	22.10	ELEV. 22.113 M.L.L.W. F.B. 1369-68	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red _____ Plotted _____ Job No. 2002 Division No. 11 F.B. 3795 Pg. 169
No. _____ Data _____ Date _____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. _____ Checked _____ Survey by ADAMS Notes ADAMS Date 4-5-62
No. _____ Date _____ Date _____ Map No. _____ Indexed C.J. GALLI Date _____

76-L-298 CE 507 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.

F.B. 3795 Pg. 170 Job No. 23002 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of MALIBU HYDRO Date ____ No. ____ X-Sec. ____
Survey by W.H.G.R.A. Notes ADAMS Notes Chkd. ____ Checked ____ No. ____
Indexed C.J. GALLI Date 4-14-67 Date ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV.		
B.M. AB-1				21.07	AMARILLO BEACH LAND MOVEMENT	
	3.02	24.09			B.M. # A.B.-1 ELEV = 18.322 + 2.75 =	
			3.54	20.55	21.07 M.L.L.W. FD C.E. MON DN 12"	
	5.22	25.77				F.B. 2684-74?
T.B.M. #13			8.50	17.27	SET CHIS "X" IN E.ly END OF CONC	
	8.48	25.75			DECK	
B.M. #AB-1			4.67	21.08	ELEV 21.07 M.L.L.W.	
B.M. # A-2				32.36	AMARILLO BEACH LAND	
	3.72	36.08			SLIDE B.M. # A-2 FD SQ HD	MALIBU RD
T.P.			2.31	33.77	SPK @ APPARENT B.C. OF CURVE	
	2.91	36.68			ELEV = 29.61 + 2.75 = 32.36 M.L.L.W.	
T.P.			11.23	25.45		F.B. 2684-71
	1.24	26.69				
T.P.			12.31	19.38		
	1.30	15.68				
T.B.M. #14			2.74	12.94	SET CHIS "X" IN BOT CONC STEP	
	2.66	15.60			OF HSE # 24420	MALIBU RD
T.P.			1.23	14.37		
	11.98	26.35			DATUM MEAN LOWER LOW WATER	

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.		
T.P.		26 35	0 89	25 46		
	10 42	35 88				
T.P.			1 92	33 96		
	4 38	38 34				
B.M. A-2A			7 35	30 99	AMARILLO BEACH LAND SLIDE B.M. #A-2A FD 3/4" I.P. CONC & TAG MALIBU RD IN APPARENT ℄ RD. ELEV = 30.98 M.L.L.W. F.B. 2684-71	
B.M. 3486D				26 97	FD BRASS DISK SET IN HD. WALL N. SIDE OF MALIBU RD OPPOSIT	
	7 36	34 33				
T.P.			11 76	22 57	HSE #25242 ELEV = 24.219 + 2.75 =	
	0 29	22 86			26.969 M.L.L.W	
T.B.M. #15			8 76	14 10	T.B.M #15 SET SM. bt. SPK. IN TOP OF LONE 12"	
	11 34	25 44			PILING, UP 18", 45' ± W.ly OF HSE #25242	
T.P.			0 24	25 20		
	9 71	34 91				
B.M. 3486D			7 96	26 95	ELEV = 26 97 M.L.L.W.	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 030002 Division No. 11 F.B. 3795 Pg. 171
No. ____ Date ____ Date ____ Survey of MALIBU HYDRO
X-Sec. Notes Chkd. ____ Checked ____ Survey by WILSON Notes ADAMS Date 4-20-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 3795 Pg. 172 Job No 2388.2 Division No. 11 Notes Red Date Notes Chkd. Date
Survey of MALIBU HYD 20 Notes ADAMS Checked Date
Survey by H. HAGEN Date 4-21-67 Indexed C.J. GATES Date
Profile No. X-Sec. No.

STATION	B.S.	H.I.	F.S.	ELEV.		
B.M. 48-99				2762	PAC. CST. HY. WY. @ SOLSTICE CRK.	
	1.98	29.60			BRGE. IN S. CONC. HD. WALL FD L & N	
T.P.			11.86	17.74	ELEV = 24.87 + 2.75 = 27.62	F.B. 1369-82
	0.18	17.92				
T.B.M #16			6.77	11.15	SET CHIS "X" IN E.ly SD. OF S.ly	
	9.53	20.68			END APRON FL. SOLSTICE CRK. BDG.	
			0.15	20.53		
	10.09	30.62				
BM 48-99			2.99	27.63	ELEV = 27.62 M.L.L.W.	
B.M. Q-2				29.05	LATIGO SHORES LAND MOVE-	
	6.14	35.19			MENT. B.M. # Q-2 FD 3/4" I.P. Conc. & Tg	
T.P.			6.96	28.73	IN APPARENT ℄ LATIGO SHORES	
	1.90	30.63			OPPOSIT HSE # 26766 ELEV = 26.30 + 2.75 =	
T.P.			11.08	19.55	29.05 M.L.L.W. No FB Ref.	
	3.59	23.14				
T.B.M. # 17			11.78	11.36	SET LGE bt. SPK IN END PILING	
	11.75	23.11			@ E.ly END OF 18'± SEA WALL N.E.ly OF N-122	
T.P.			0.07	23.04		
	12.12	35.16				
T.P.			3.83	31.33		

DATUM
MEAN LOWER LOW WATER

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.		
T.P.	6 45	37 78		31 33		
B.M. Q-1			6 74	31 04	FD 3/4" I.P. CONC & TG IN APPARENT ℄ OF ABANDONED RD PAINTED Q-1 ELEV = 28.25 + 2.75 = 31.00 MLLW	No F.B. REF.

DATUM
MEAN LOWER LOW WATER

Profile Notes Red. Plotted. Job No. 230003 Division No. 11
No. X-Sec. Date Date Survey of MALIBU HYDRO
No. Notes Chkd. Checked Survey by [illegible] Notes ADAMS Date 4-21-67
Date Date Map No. Indexed C.J. GALLI Date [illegible]

F.B. 3795 Pg. 73

Notes Ck'd by	Survey of MALIBU HYDRO	F. B3795 PG. 175
Map No.	JN 0300.02 Tape Std °F	
Office Work	Surveyed by RICHARDS	
Checked	Notes W.A.R. & G.D. Date 4-67	
Date	Indexed C.J. GALLI	

MALIBU AREA HYDROGRAPHIC STUDIES

JOB NO. 0300.02

GROIN AND PROMINENT ROCK LOCATIONS
AND GROIN CROSS SECTION

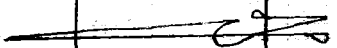
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

7 OF 3095 CE# 310.1-65

718+18.34
N-75

F. B. 3795 Pg 176



N-75
718+18.34
F.B.3790-13

99°
00'

exposed steel sheet pile groin
4-67

corroded ext, FLUSH WITH SAND

9°

under sand

720+01

~~50~~
64°

Exposed steel sheet pile groin
4-67

85°07'

under sand

corroded ext.

34°

725+16

61°

begin area of exposed rocks
4-67 average size
12" D.

20°

N-76
728+03
F.B.3790-14

CONT. TOP | PG. 177

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

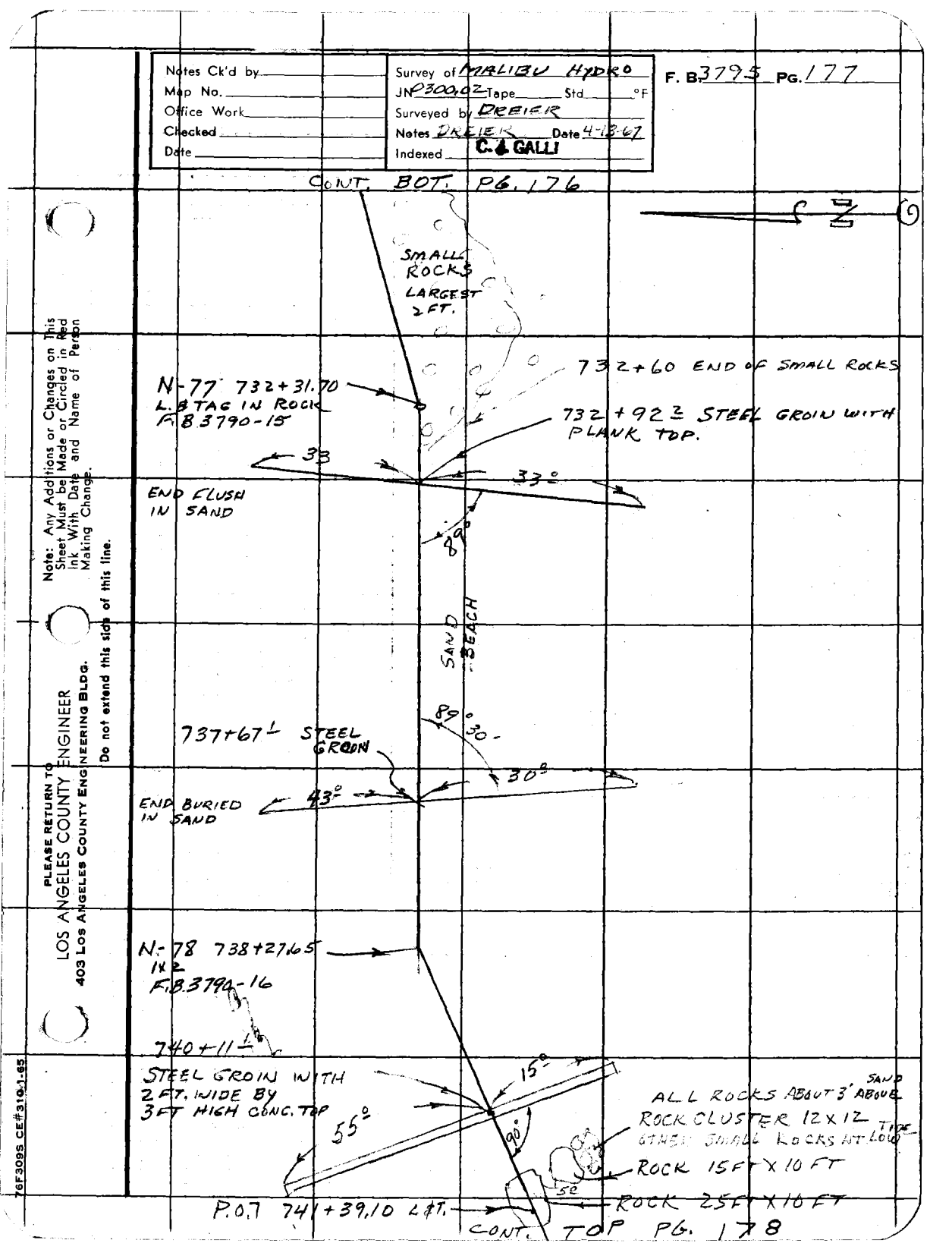
Do not extend this side of this line.

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

Notes Ck'd by	Survey of MALIBU HYDRO
Map No.	JN 0300.02 Tape Std °F
Office Work	Surveyed by DREIER
Checked	Notes DREIER Date 4-13-67
Date	Indexed C. J. GALLI

F. B. 3795 PG. 177

CONT. BOT. PG. 176



CONT. TOP PG. 178

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

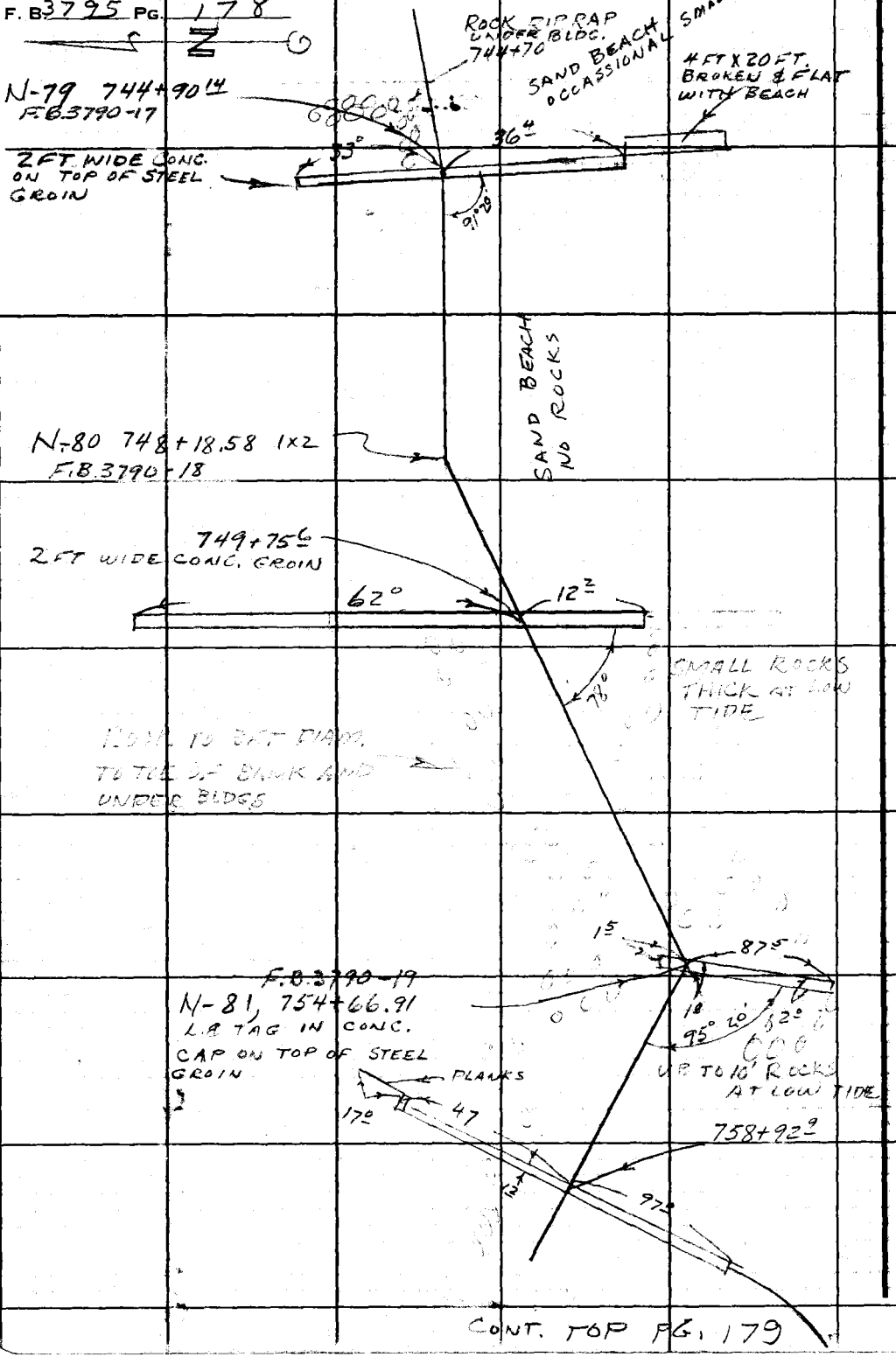
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
Do not extend this side of this line.

76F3095 CE#310-1-65

CONT. BOT. PG. 177

F. B 3795 PG. 178

158



CONT. TOP PG. 179

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

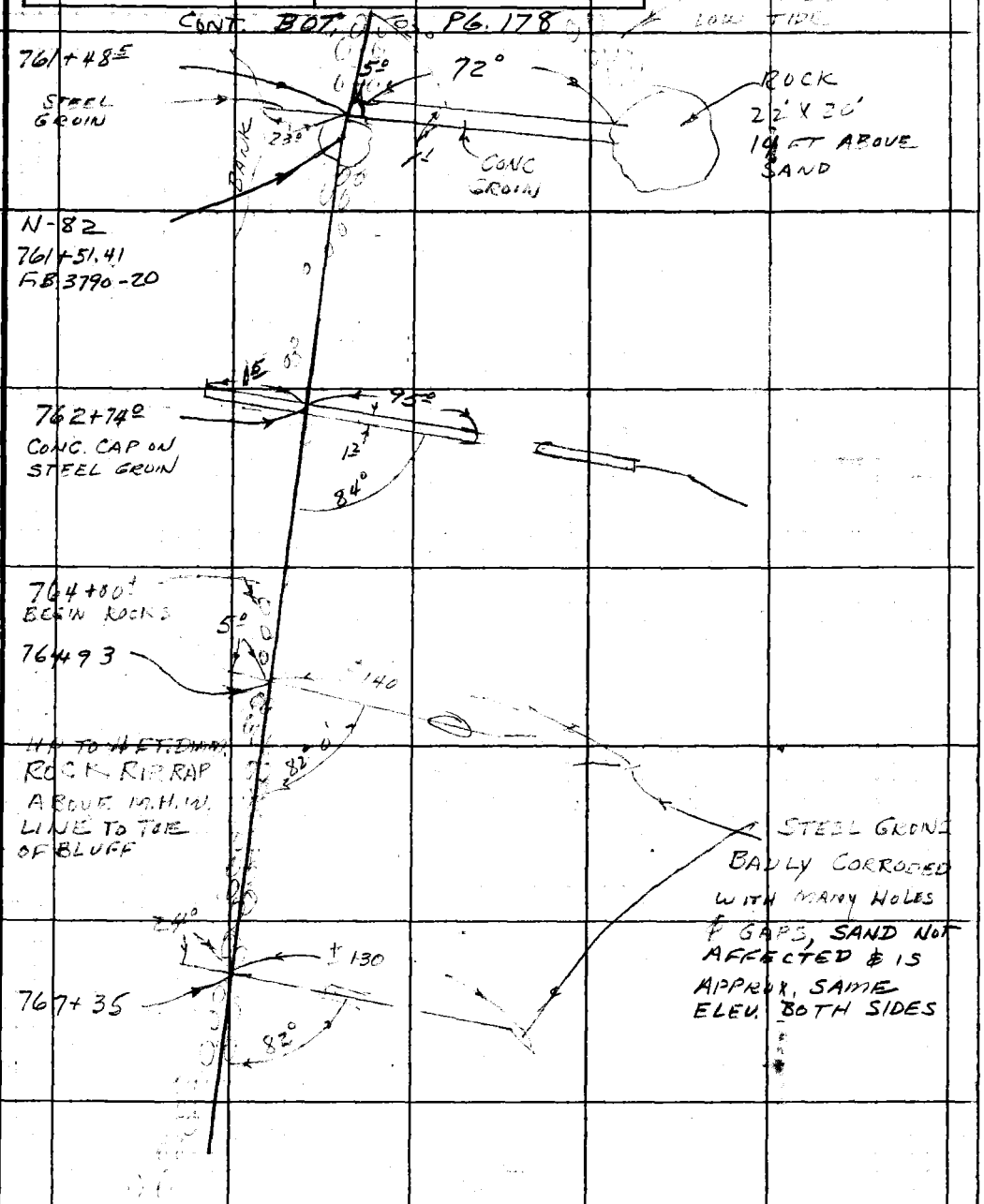
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of MALIBU AREA HYDRO
Map No.	JN 0300.02 Tape Std °F
Office Work	Surveyed by E.E. DREIER
Checked	Notes G.E. DREIER Date 4-20-67
Date	Indexed C.J. GALLI

F. B. 3795 PG. 179

N

CONT. BOT. PG. 178



CONT. TOP. PG. 180

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

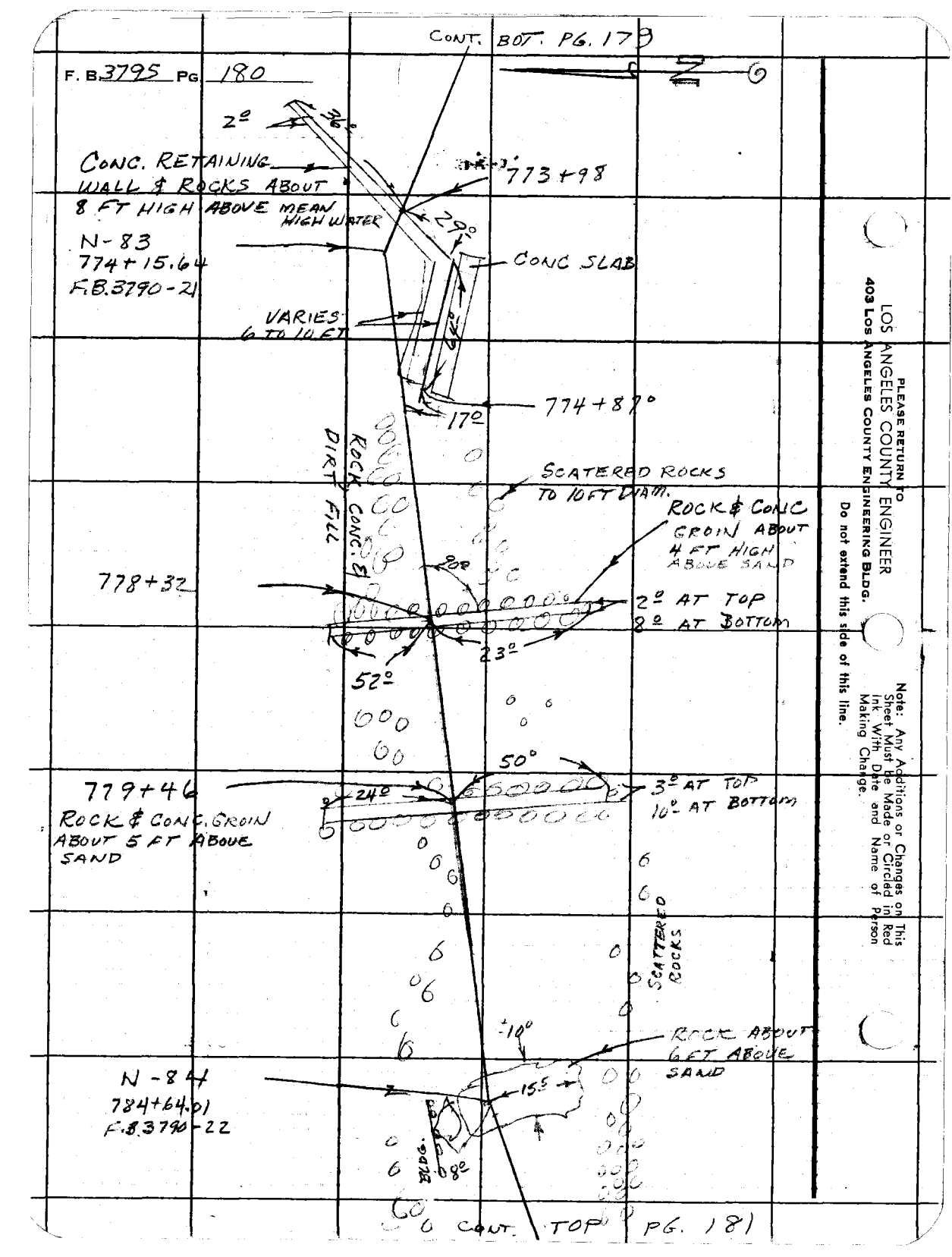
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F309S CE#310 1-65

CONT. BOT. PG. 179

F. B. 3795 PG 180



CONT. TOP PG. 181

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend 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.

Notes Ck'd by	Survey of MALIBU AREA HYDRO
Map No.	JN 6300.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 5-4-67
Date	Indexed C.J. BALLI

F. B. 3795 PG. 181

CONT BOT PG. 180

N-84

ROCKS OF BANK & UNDER BLDG.S

THICK ROCKS LOW TIDE TO BANK LITTLE SAND

ROCK SHOWES AT LOW TIDE

N-85
791+40.75
F.B. 3790 - 23

23°

D.O.T. 794+46.74
ELEV. 13.3

794+60
36" CORR. IRON CULVERT
FLOW LINE ABOUT 12 FT EL.

±298 FT.

185 FT.

LARGE ROCK
ELEV. OF TOP ± 21 FT. M.L.W.

PLANK & ROCK RETAINING WALL
TOP ELEV. ± 13 FT M.L.W.

795+36

18°

A.M.W.L. LINE

BED ROCK EXPOSED AT LOW TIDE

N-86, 796+39.13
F.B. 3790-25

SAND BEACH

798+00
APPROX END OF ROCKS EXPOSED AT LOW TIDE

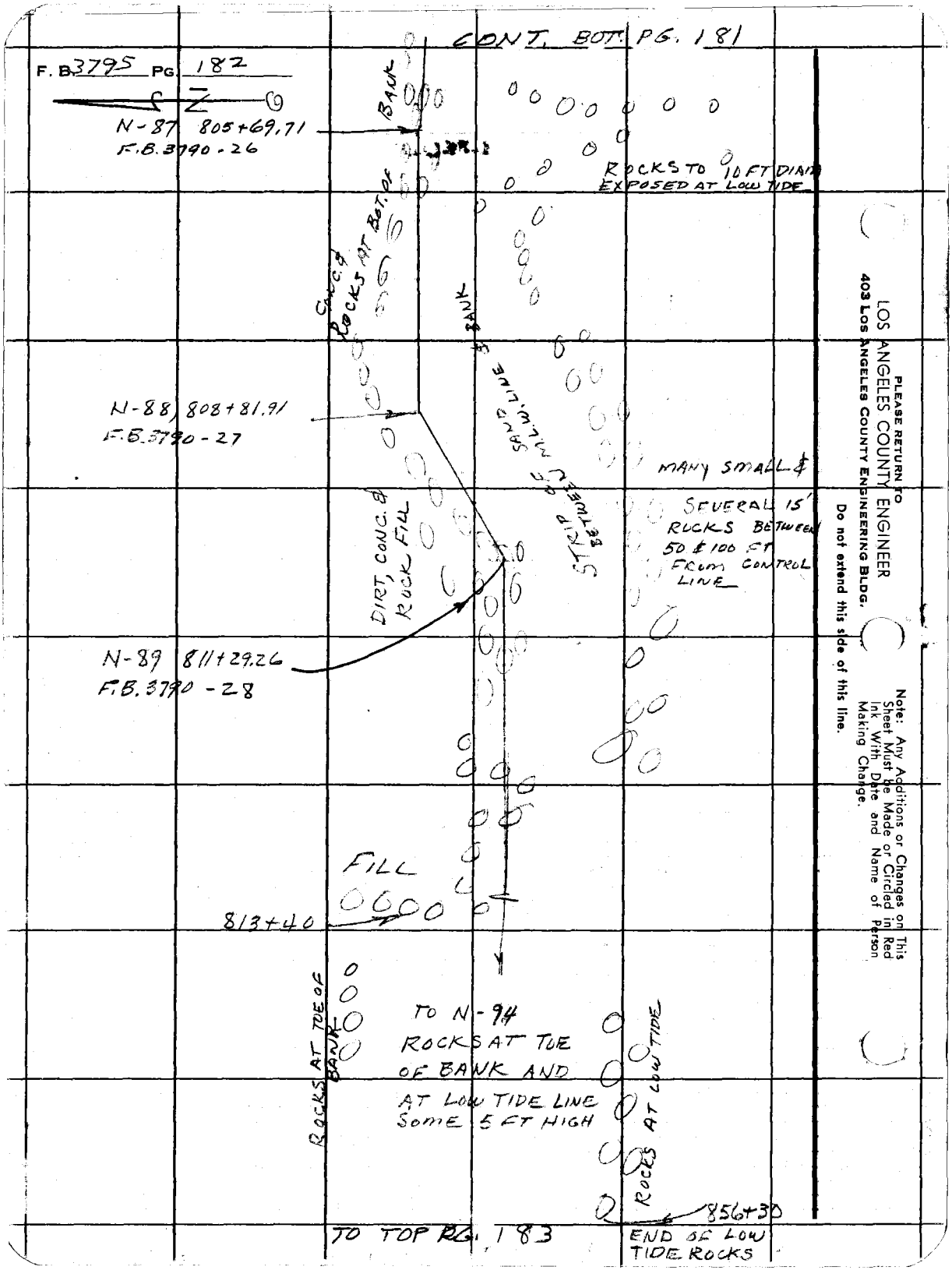
CONT TOP PG. 182

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

Do not extend this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

26F309S CE#3101-65


CONT. BOT. PG. 181
F. B. 3795 PG. 182
N-87 805+69.71
F.B. 3790-26
BANK
ROCKS TO 10 FT DIAM EXPOSED AT LOW TIDE
CONC. & ROCKS AT BOT. OF
BANK
N-88, 808+81.91
F.B. 3790-27
STRIP OF SAND BETWEEN M.L.W. LINE
MANY SMALL & SEVERAL 15' ROCKS BETWEEN 50 & 100 FT FROM CONTROL LINE
DIRT, CONC. & ROCK FILL
N-89 811+29.26
F.B. 3790-28
FILL
813+40
ROCKS AT TOE OF BANK
TO N-94 ROCKS AT TOE OF BANK AND AT LOW TIDE LINE SOME 5 FT HIGH
ROCKS AT LOW TIDE
856+30
END OF LOW TIDE ROCKS
TO TOP PG. 183
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend 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.

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of MALIBU AREA HYDRO
JN 03602 Tape Std °F
Surveyed by G.E. DREIER
Notes G.E.D Date 5-4-67
Indexed

F. B 3795 PG. 183

CONT BOT PG. 182

SAND BEACH

N-95
863+07.87
F.B 3790-34

866+00

ROCK & SAND

60

SMALL ROCKS AT LOW TIDE TO 4FT DIAM.

867+50

N-96
871+48.44
F.B. 3790-35

SAND BEACH

SMALL ROCKS AT LOW TIDE LINE

N-97

SEAWALL

SEA LION CAFE

END.

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 ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

76F309S CE#310 1-65

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
N-75	1 52	12 53.		110 1.		
			53	72.	720+01	℄ ELY SIDE OF GRUN
			40	85.		7 FT R. BOT. BRK
			09	116.		13
			+17	142.		25
			72	53.	25 FT LEFT	
			97	28.	64 " "	
					720+01^{5}	FLUSH WITH TOP OF GRUN W.LY SIDE OF GRUN
			30	95.		℄
			+17	142.		25 RIGHT
			65	60.	25 FT LEFT	
			97	28.	64	
T.P.	4 07	11 15	545	708	T.P.	
			42	70	7+25+16^{0}	℄ ELY SIDE OF GRUN
			24	88.		10 FT RIGHT
			+13	125.		34 " "
			64	48.	30 FT LEFT	
			77	35.	60 " "	
			16	96.	725+16^{3}	℄ ON SAND TOP OF GRUN FLUSH WITH
			+13	125.		34 FT RIGHT
			54	58.	30 LEFT	
			77	35.	60 "	PILINGS ERODED FLUSH WITH SAND

CONT.

Profile Notes Red. ____ Plotted ____ Job No. 6300.02 Division No. 11 F. B. 3795 Pg. 185
No. ____ Date ____ Date ____ Survey of MALIBU AREA HYDRO.
X-Sec. Notes Chkd. ____ Checked ____ Survey by DREIER Notes DREIER Date 4-13-67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P. N-76	3 18	12 60	1 73	9 42		
	4 45	12 73	4 32	8 28	T.P. N-77 L & TAG IN ROCK	
			1 2	11 5	732+92 2 GROIN	℄ TOP GROIN
			3 9	8 8	"	℄ E. SIDE GROIN
			5 0	7 7	"	W. SIDE
			+0 5	13 2		33 FT. RIGHT END OF VIS. GROIN BURIED IN SAND.
			8 3	4 4	33 FT LEFT SAND AT END OF GROIN	
T.P.	6 00	13 24	5 49	7 24	T.P., 1X2, 735+98 8 N.	
			3 8	9 4	737+67 1	℄ TOP GROIN
			7 2	6 0	"	℄ E. SIDE "
			5 5	7 7	"	℄ W. " "
			5 5	7 7		13 E. SIDE GROIN
			3 5	9 7		14 E " "
			0 9	12 3		43 E. & W.
			2 9	10 3		10 FT RT. W. SIDE GROIN TOP BRK
			9 0	4 2	30 FT LEFT END GROIN ON SAND	
T.P	1 28	11 69	2 83	10 41	T.P (ON CONC. GROIN)	
					CONT.	

F. B. 3795 Pg. 186 Job No. 030002 Division No. Notes Red. Plotted Profile
Survey of MALIBU AREA HYDRO Date Date No. X-Sec.
Survey by DREIER Notes DREIER Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		CONT. FROM PREV. PAGE
CONT.		11 69				
			17	10 01		℄ TOP GROIN
			71	4 6.		℄ E. SIDE GROIN, SAND
			71	4 6.		℄ W. "
			37	8 0.		33 FT RT. E. SAND
			[illegible]	10 9.		55 " " SAND [illegible]
			[illegible]	[illegible]		55 " [illegible]
			26	9 1.	15 FT	
			84	3 3.		
T.P.	0 53	9 03	3 19	8 50	T.P. END STEEL ROD IN WOOD STEP NEAR STATION 741+90.2 F.S. 3791-130 ELEV. 8.54	
T.P.	4 00	12 32	0 71	8 32	L. & TAG 744+90.14	℄ TOP OF GROIN
			63	60.	SAND	℄ E. SIDE OF GROIN
			47	7 6.	"	℄ W. " " "
			22	10 1.		33 FT RIGHT SAND FLUSH TOP OF GROIN
			60	6 3.	36" LEFT TOP OF GROIN	
			91	3 2.	36" " SAND AT END OF GROIN	
T.P.	3 83	11 14	5 01	7 31	T.P. 1X2 N-80	
					CONT.	

Profile No. X-Sec. No. Date Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 0300.02 Division No. 11 Survey of MAPLEWOOD AREA HYDRO Survey by DREIER Notes DREIER Date 4-3-67 Map No. Indexed C. J. GALLI Date

F. B. 3795 Pg. 187

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
CONT		11 14				
			43	68	749+75.6	℄ TOP OF GROIN
			80	31		℄ E. SIDE OF GROIN SAND,
			76	35		℄ W. " " " SAND & ROCKS
			31	80		18 FT RT. ROCKS ON W. SIDE GROIN
			57	54		34 " " SAND AT BOT. ROCKY SLOPE
			00	111		62 " " SAND AT N. END OF GROIN FLUSH BOTH SIDES
			56	61	12.3 FT LEFT TOP OF GROIN	
			97	14	12.3 " " SAND AT END OF GROIN	
T.P	604	10 41	677	437	T.P.	
T.P. N-81	185	8 37	389	652	T.P. N-81, ELEV. 662, F.B. 3791-153	
			38		754+66.91 EAST SIDE OF	
			29		"	
			26		40 FT LEFT TOP GROIN	
			70		" " " E. SIDE OF GROIN	
			67		" " " W. " " "	
		11 14	99	7.99	87.5 " " END OF GROIN	
T.P.	390	11 34	083	7 44	T.P. (ROCK)	
			41		758+92.9 TOP OF GROIN	
			85		" SAND E. SIDE OF GROIN	
			53		" " W. " " "	

F. B. 3795 Pg. 188 0300.02
Job No.
Division No. 11
Notes Red.
Plotted
Profile
Survey of MALIBU AREA HYDRO
Date
Date
No.
X-Sec.
Survey by DREIER
Notes DREIER
Notes Chkd.
Checked
Indexed C. J. GALLI
Date
Date
No.

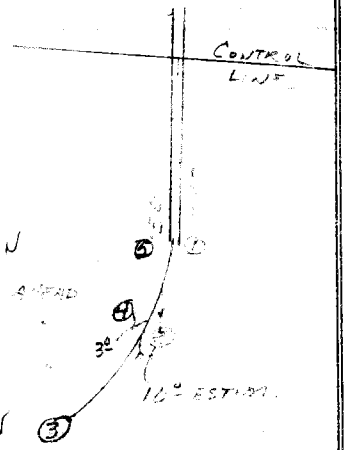
761-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
		11 34	CONT.		
			12		(758+92 a) 47 FT RT, TOP GROIN
			49		SAND " " " E. SIDE "
			12		W. "
			14		SAND 65 FT RT.
T.P.	202	7.63 752	583	5.61 551	
			97		① 97 FT LEFT SAND E. SIDE OF GROIN
			131		② 150 FT STATIA 89° 20' SOUT AHEAD
			220		③ 320 " 81 20 " "
			145		④ 220 " 84 30 " "
			104		⑤ 97 FT LEFT SAND W. SIDE GROIN
T.P.	205	756	202	551	
T.P.	870	1341	285	471	T.P. EL 4.85 [illegible] T.P. 3791-167
T.P.	163	1313	191	1150	
			08		762+74° TOP CONC. CAP ON GROIN
			18		" SAND E. SIDE OF "
			08		" W. " " "
			56		65 FT. L. TOP GROIN
			111		" " " SAND E. SIDE OF GROIN
			111		" " " " W " " "
T.P.	240	664	889	4.24	



Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 0300.02 Division No. 11 Survey of MALIBU AREA HYDRO Survey by DREIER Notes DREIER Date 4-20-67 Map No. Indexed C. J. GALLI Date

F. B. 3795 Pg. 189

F. B. 3795 Pg. 190 Job No. 020002 Division No. 11 Notes Red. Plotted Date

Survey of MALIBU AREA HYDRO Date

Survey by DREIER Notes DREIER Notes Chkd. Checked

Indexed C. J. GALLI Date Date Date

LOS ANGELES COUNTY ENGINEER

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

STATION	B.S.	H.I.	F.S.	ELEV.	
		624			
			125		220 FT LEFT E. SIDE OF GROIN
			140		290 FT " END OF GROIN
			166		220 FT " W. SIDE OF "
T.P.	168	731	001	5[illegible]	T.P. ROCK
			245	4[illegible]	T.P. TOP FB 3791-175