Notes Sk'd by
Map No.
Office Work
Date

Survey of HYDROGRAPHIC SURVEYS
JN 0300.02 Tape 0292 Std 68 °F
Surveyed by W. A. RICHARDS
Notes W. A. R. Date 3-69
Indexed [illegible] 1 '69

F.B 2817 PG. 5

J. N. 0300.02

HYDROGRAPHIC SURVEYS

MARINA DEL REY

SOUNDINGS AT THE MAIN CHANNEL ENTRANCE
FOR SKETCH SHOWING LOCATION AND LINES
SEE PG. 6

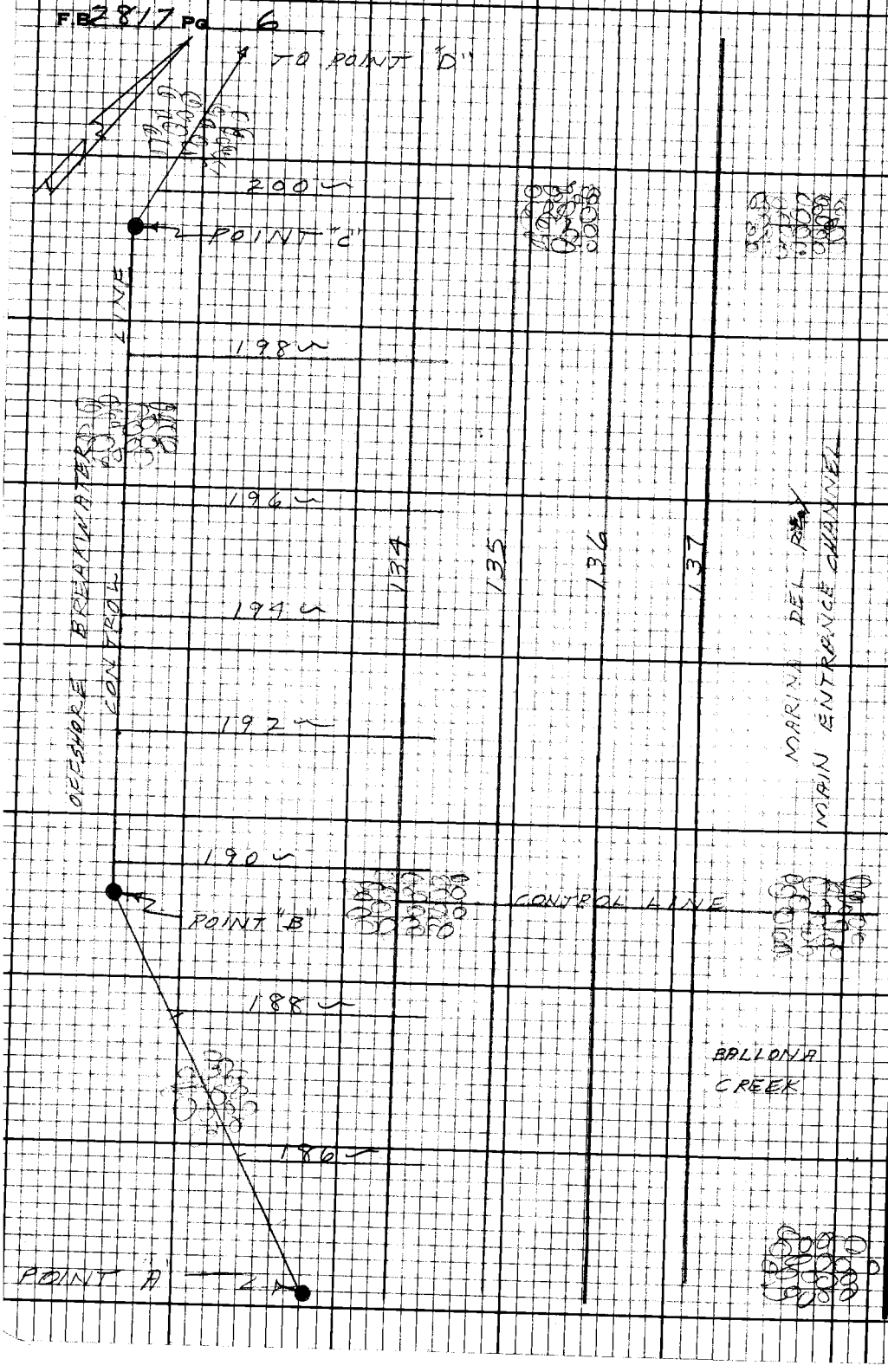
OFFSHORE LINES CONTROL REF. FB 3223:90
ENTRANCE CHANNEL " " " " 17

RICHARDS
WILKS
SOPER
BANKSON
TULLIER

BAZEN
BUSTRUM

LOS ANGELES COUNTY
403 LOS ANGELES COUNTY
PLEASE RETURN
Name of Person
Date
Name of Person
7EF3098 CE 310 9-67

FB 2817 PG 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 on Grid in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of HYDROGRAPHIC SURVEYS
Map No.	IN 030002 Tape Std °F
Office Work	Surveyed by W. A. RICHARDS
Checked	Notes W. A. R. Date 4-69
Date	Indexed C. J. GALLI NOV 16 [illegible]

F.B. 2817 Pg. 45

J. N. 030002

HYDROGRAPHIC SURVEYS

MARINA DEL REY, MAIN ENTRANCE CHANNEL AREA, N. & S. OF CHANNEL, & SEAWARD FROM THE OFF-SHORE BREAKWATER

FOR ADDITIONAL WORK IN THIS VIC., SEE F.B. 2817; 5-44, INC., DATED MARCH, 1969 (THIS WORK NOT REPEATED IN THIS SURVEY).

FOR CONTROL SURVEYS, SEE FB 2100
" " " " " 3223 PG. 79-90, INC.

RICHARDS	BAZEN	DREIER	CURTIS
WILKS	BUSTRUM	SIEMANN	KAPP
SOPER		STROUD	LIEBER
BANKSON			RODRIGUEZ, R.R.
TULLIER			

LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEER BUILDING
Making Change

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 2817 Pg. 46

76L298 307 Cdb 12-62

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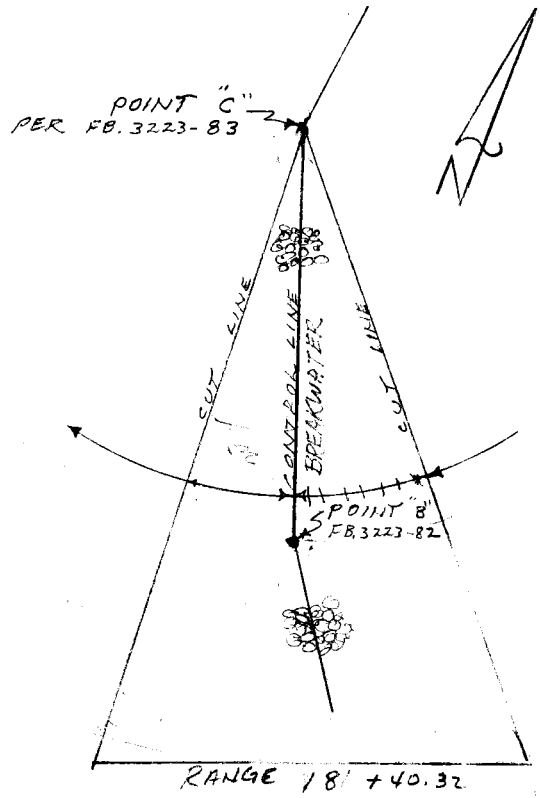
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

NOTE: WILD T-1 TRANSIT USED FOR CUT ANGLES, ANGLES MEASURED TO THE RIGHT ONLY.

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					
POINT "C"	POINT "B"	8:00	1	30	02			
			2	28	08			
			3	25	44			
			4	23	29			
			5	20	49			
			6	17	59			
			7	15	22			
			8	12	04			
			9	9	04			
			10	5	41			
E/O CONTROL		LINE	11	2	44			
W/O	"	"	12	359	07			
			13	356	15			
			14	352	22			
			15	349	50			
			16	347	05			
			17	343	20			
			18	340	11			
			19	337	06			
			20	334	05			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 47

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

Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 4-29-69

Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date NOV 16 '69

F. B. 2817 PG. 48 | Job No. 030002 | Division No. 1 | Notes Red. | Plotted | Profile

Survey of SAME | Date | Date | No.

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

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

76L298 307 Cdb 12-62

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LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend 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					
"C"	"B"		2	331	12			
			22	328	17			
			23	325	49			
			24	323	29			
			25	321	07			
			26	319	19			
			27	317	53			
			28	316	07			
		8:06	29	314	46			

76-L-298 CE 307 5-66

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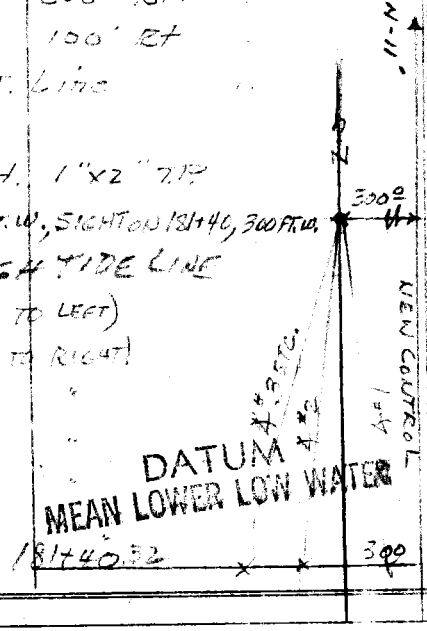
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Distances from 479.93 offset Line P.T.	
			Sta. 181+40.32			
# BM 27-15				15.18	BM. 27-15A El. 15.181 M.L.L.W. FB 2100-173 Flood Cont. Mon. [illegible] REF. BM. 115-38 [illegible]	
T.P.				16.54	T.P.	
T.P.				15.46	T.P.	479' ± Rt. Sand [illegible]
				13.1		400' Rt. "
				12.6		300' Rt. "
				12.5		200' Rt.
				12.0		100' Rt
T.P.				12.04	T.P. 1"x2" New Cont. Line	"
				12.5	100' Lt Sand.	
T.P.	0 43	12 76		12.33	200' Lt Brk Sand. 1"x2" T.P.	
	1 16	7 77	6 05	6 71	T.P./⊼ AT 185+39.08, 300 FT. W., SIGHT ON 181+40, 300 FT. W.	
			32	46	265. FT LEFT HIGH TIDE LINE	
			54	24	#1 1° 30' (ANGLE TO LEFT)	
			67	11	2 5° 38 (ANGLE TO RIGHT)	
			86	-08	3 13° 57' "	"
			102	-24	4 20° 28' "	"
			127	-49	5 28° 16' "	"
			164	-86	6 35° 16' "	



Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F. B. 2817 Pg. 49
No. ____ Date ____ Date ____ Survey of Marina Del Rey Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date Apr. 29 '67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG. 50 Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of Marina Del Rey-Hyd. Survey Date _____ Date _____ No. _____

Survey by CURTIS Notes A-5C. Notes Chk'd. _____ Checked _____ X-Sec.

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

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

76-L-298 CE 307 5-66

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76L298 307 Cdb 12-62

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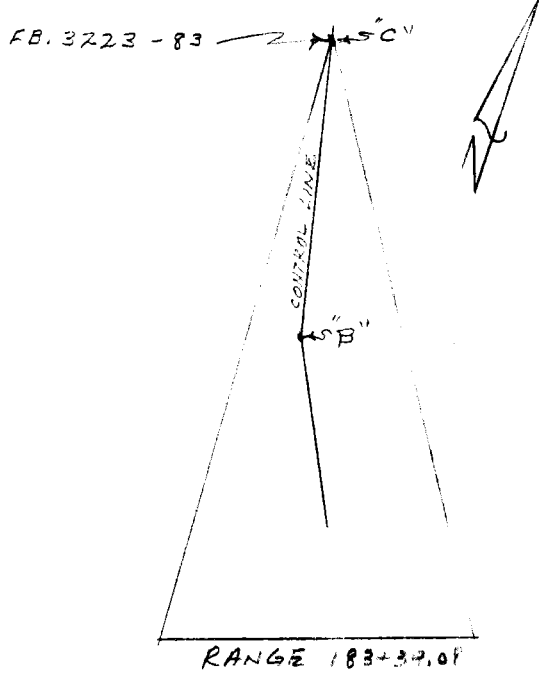
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE 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					
"C"	"B"	8:22	1	37	06			
		P.S.T.	2	33	45			
			3	30	43			
			4	27	27			
			5	23	35			
			6	20	05			
			7	16	12			
			8	12	23			
			9	8	48			
			10	4	48			
W/O	CONTROL	LINE	11	0	54			
E/O	"	"	12	358	45			
			13	357	35			
			14	348	28			
			15	346	41			
			16	342	10			
			17	337	58			
			18	335	40			
			19	332	52			
			20	330	25			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2817 PG. 51

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

Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 4-29-69

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

	ANGLE NO.	HOR. ANGLE
	21	327-46
	22	325-20
	23	322-50
	24	320-25
	25	318-27
	26	316-40
	27	315-22
	28	313-35
8:30 P.S.T.	29	312-31

2817 52

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

2

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Distances to Left of New Control Line	
			Sta. 183+39.08			
T.P.				12.23	T.P. (Cont.) 200' Lt sta 183+80.32	
T.P.				11.01	T.P. "New Cont. Line"	
				11.4	100' Lt. Sand	
				11.4	200' Lt. "	
T.P.				12.01	267' Lt. " Brk.	T.P.
T.P.				6.87	T.P. 327' Lt. sand.	
				7.5		100' Rt Sand.
				11.7		200' Rt
				12.8		300' Rt
				10.8		400' Rt
				15.0		500' Rt Sand
					T. at 185+39.08, 300 ft. West, Right on Wing of Bridge	
	0 45	7 34		6 89	T.P. 327 Left	
			170	- 97	X #1 65° 38'	
			142	- 69	2 60° 52	
			120	- 47	3 52 08	
			95	- 22	4 48 10	
			76	- 03	5 37 30	
			63	10	6 32 27	
			51	22	7 21 53	
			37	36	327' Lt	

DATUM
MEAN LOWER LOW WATER

Profile Notes Rec'd. ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of Marina Del Rey Hydrographic Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date 7-29-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 2817 PG. 53

F. B. 2817 Pg. 54 | Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of Marina Del Rey-Hyd. Survey Date _____ Date _____ No. _____

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

Indexed C. J. CALLI Date _____ Date _____ Date _____ No. _____

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

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403 Los Angeles County Engineering Bldg.

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

76-L-298 CE 307 5-66

76L298 307 Cdb 12-62

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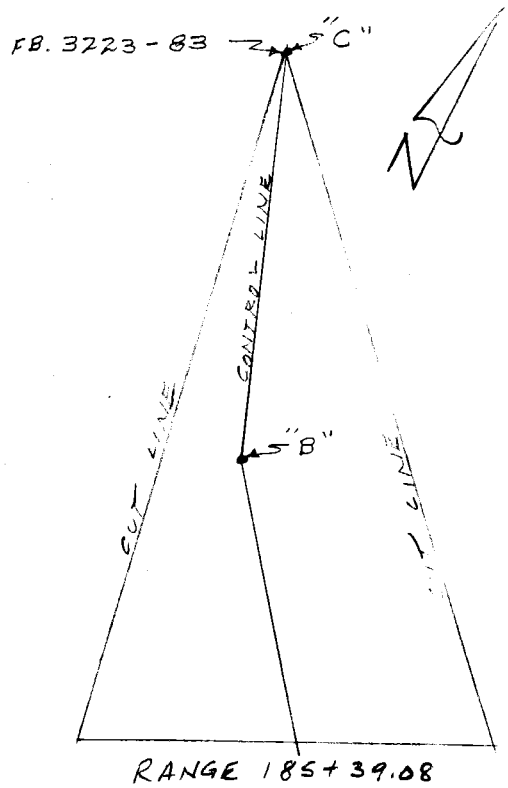
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE 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					
"C"	"B"	8:40	1	29	54			
		P.S.T.	2	26	27			
			3	23	60			
			4	20	41			
			5	17	38			
			6	14	36			
			7	10	20			
			8	6	25			
			9	2	36			
W/O	CONTROL	LINE	10	0	03			
E/O	"	"		352	06			
			12	350	41			
			13	349	12			
			14	347	48			
			15	346	31			
			16	344	13			
			17	341	01			
			18	338	26			
			19	336	45			
			20	335	30			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2817 PG.

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

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 4-29-69

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

76L298 307 Cdb 12-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
"C"	"B"		21	333	27			
			22	331	41			
			23	330	03			
			24	327	59			
			25	326	12			
			26	324	42			
			27	322	40			
			28	320	51			
			29	319	25			
			30	317	47			
			31	316	20			
			32	314	50			
			33	313	55			
		8:50	34	312	01			
		P.S.T.						

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red. Date Notes Chkd. Date

Division No. Job No. SAME Notes Date

Survey of

Survey by

Indexed C. J. GALLI

F. B. 2817 Pg. 56

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Distances Taken from New Cont. Line	
			Sta 185+39.08			
[illegible]				[illegible]	T.P. 1"x2" New Cont. Line [illegible]	
[illegible]				8.5[illegible]	T.P. 1"x2" New Cont. Line	
				10.1	100' Lt Sand.	
				9.2	200' Lt. Sand	
				9.7	300 Lt "	
T.P.				10.21	T.P. 1"x2 234' Lt. Brk.	
T.P.				5.50	T.P. 1"x2 319 Lt. Sand.	
				7.6		100' Rt. Sand
				9.6		200' Rt. "
				11.5		300' Rt. "
				13.2		400' Rt. "
				15.6		±470' Rt. "
T.P.				15.34	T.P.	
BM.# 27-15A				15.19	BM.# 15.181 El. 15.181 MLLW FB. 2100-173	
					⊼ AT 181+40.32 200 FT WEST SIGHT ON [illegible]	
	1 31	6 81		5.50	1X2 [illegible]	
			2 [illegible]	4.6	335 " High [illegible]	
			3 9	2 [illegible]	X#1 33° 51'	
			4 [illegible]	2 [illegible]	2 38 04	
				Cont.		

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2811 Pg. 57
No. ____ Date ____ Date ____ Survey of Marina Del Rey-Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date Apr. 29-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

C.J. GALLI

76-L-298 CE 307 5-66

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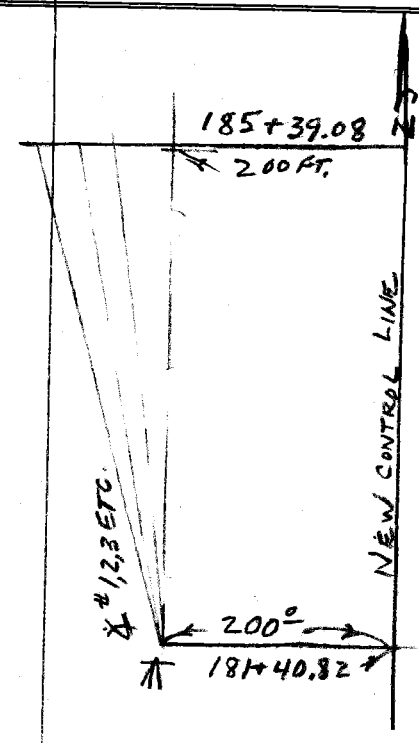
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		185	+ 39.08	CONT.		
		6 81				
			70		∡ #3	43° 24'
			85		4	48 09
			98		5	50 53
			116		6	53 54
			132		7	56 57
			143		8	59 24



F. B. 2817 PG. 58
Job No. 0300.02 Division No. 11 Notes Red Plotted Profile
Survey of Marina Del Rey-Hyd. Survey Date Date No.
Survey by Curtis Notes Curtis Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76L298 307 Cdb 12-62

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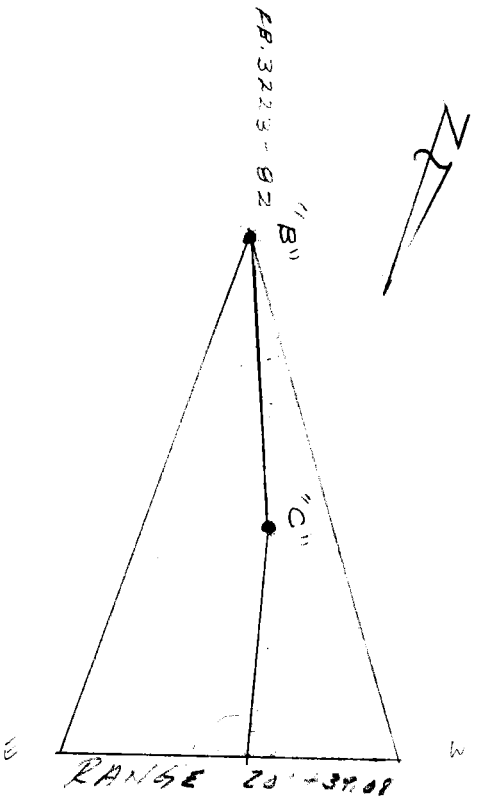
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	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					
"B"	"C"	9:37	1	315	59			
		P.S.T.	2	319	53			
			3	323	44			
			4	328	44			
			5	332	57			
			6	337	25			
			7	342	53			
			8	348	31			
			9	353	57			
W/O	CONTROL	LINE	10	357	21			
E/O	"	"	11	5	30			
			12	8	50			
			13	12	35			
			14	15	13			
			15	18	16			
			16	21	42			
			17	25	46			
			18	29	04			
			19	31	53			
			20	34	19			



Profile Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 59

No. ____ Date ____ Date ____ Survey of HYDRO SURVEY

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DEN Date 4-29-49

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

76L298 307 Cdb 12-62

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Deg.	Angle Min.	For Office Use Only: Range Line Deg.	Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
			21	36	46			
			22	38	39			
			23	41	04			
			24	43	04			
			25	44	42			
			26	46	16			
			27	47	42			
			28	48	42			
		9:47	29	50	01			
		P.S.T.						

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. SAME

Job No. ____ Notes ____ Date ____

F. B. 2817 Pg. 60

Survey of ____

Survey by ____

Indexed C. J. GALLI

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Distances Taken from New Control Line
					Sta. 201+39.08
BM #N-11				13.75	BM #N-11 El. 13.753 MLLW, FB. 2100-17A
T.P.				14.61	T.P. L&T in WK. 201+39.08 old Control Line
T.P.				14.84	T.P. " " " 203+39.08 " "
T.P.				14.98	T.P. 479.93 Rt. L&T 201+39.08 "
				14.5	360' Rt. Sand
				11.6	320' " "
				11.0	220' " "
				12.3	120 " "
T.P.				13.56	T.P. 1"x2" New Control Line (Sand)
				13.4	100' Lt. Sand
				11.3	200' Lt. "
				9.6	300' Lt. "
				10.6	400 Lt "
T.P.				11.00	520 Lt. 1"x2" TP
	1 81	6 02		4.21	5.97 Lt 1"x2" Sand
					⊼ AT 205+39.08, 300 FT. W., SIGHT ON 201+39.08, 300 FT. W.
			1 4	4 6	603 FT LEFT HIGH TIDE
			5 4	0 6	#1 41° 05'
			8 6	-2 6	2 45 39
			11 8	-5 8	3 50 15

DATUM
MEAN LOWER LOW WATER

CONT.

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 2811 PG. 61
No. ____ Date ____ Date ____ Survey of Marina Del Rey-Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Curtis Notes ASC Date Apr 29 69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 5-66

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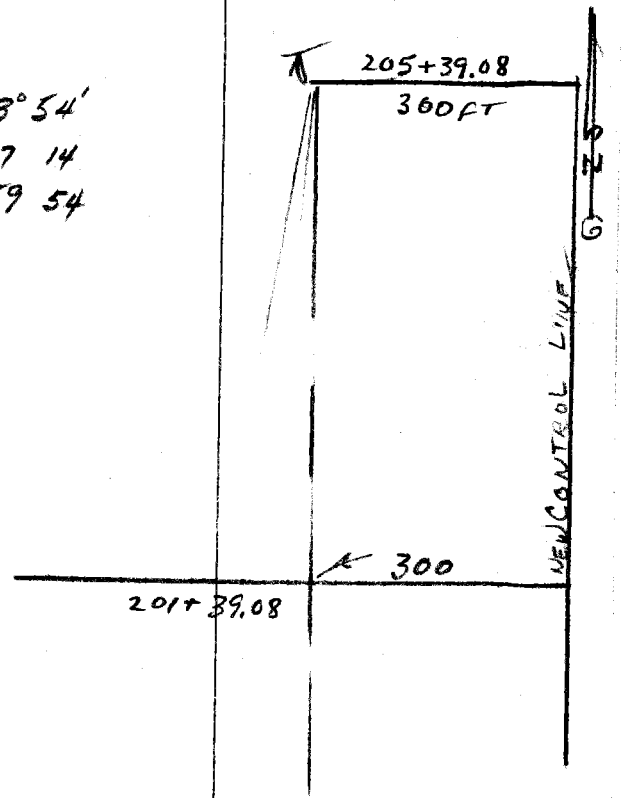
Do not extend notes this side of this line.

F. B. 2217 Pg. 62 | Job No. 0300.02 | Division No. 11 | Notes Red ____ Date ____ | Plotted ____ Date ____ | Profile No. ____

Survey of ____ | Survey by CURTIS | Notes CURTIS | Notes Chk'd. ____ Date ____ | Checked ____ Date ____ | X-Sec. No. ____

Indexed G. J. GALLI

STATION	B. S.	H. I.	F. S.	ELEV.		
			201+39.08 CONT.			
		602				
			133	-73	4 *4 53°54'	
			149	-89	5 57 14	
			175	-115	6 59 54	

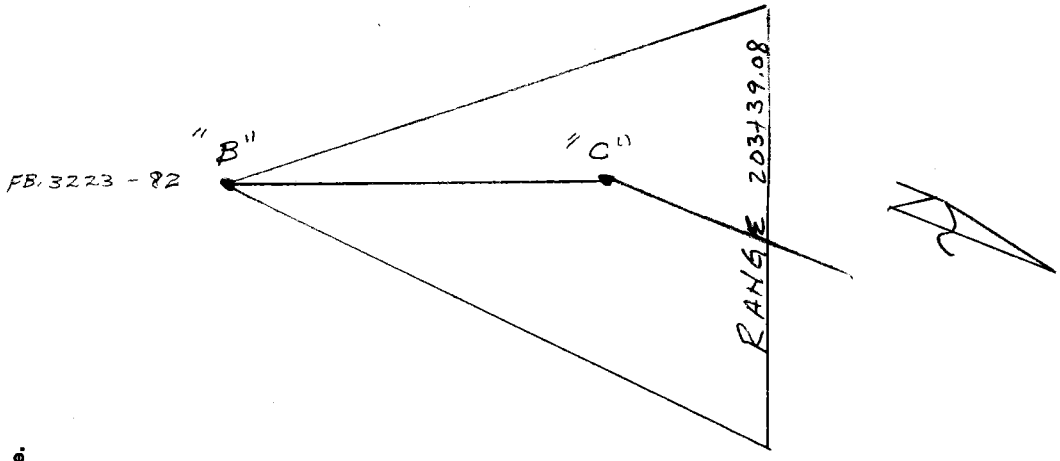


Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 63

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

Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes DON Date 4-29-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
B	C	10:24	1	332	14			
		P.S.T.	2	335	48			
			3	339	42			
			4	343	44			
			5	347	58			
			6	351	57			
			7	355	25			
W/O	CONTROL	LINE	8	358	28			
E/O	"	"	9	5	16			
			10	6	46			
			11	11	24			
			12	15	18			
			13	19	15			
			14	22	50			
			15	26	56			
			16	29	48			
			17	32	56			
			18	35	27			
			19	37	52			
			20	40	15			

76L298 307 Cdb 12-62

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Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
B	C		21	41	59			
			22	43	33			
			23	45	11			
			24	46	39			
		10:30	25	47	51			
		P.S.T.						

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 C. J. GALLI

F. B. 2817 PG. 67

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	DISTANCES Taken from New Control Line	
				STA. 203+39.08		
				13.06	T.P. "Cont" @ Sta. [illegible]	
				15.04	T.P. "New Cont Line" 1"x2" & Sand.	
				14.7	100' Lt. - Sand	
				[illegible]	200' Lt. - "	
				[illegible]	300' Lt. - "	
				11.62	387' Lt. [illegible]	Sand
				4.60	487' Lt 1"x2" & Sand	
				13.8		100 Rt Sand
				12.1		200 Rt "
				15.1		300 Rt "
				14.2		400 Rt "
				14.81		[illegible] Rt. [illegible]
					AT 205+39.08, 300 FT. WEST, SIGHT ON 201+, 300 FT WEST	
	095	555 6		4 60	T.P 487' LEFT	
			16 7	- 11 1	#1 67° 15'	
			14 2	- 8 6	2 64 26	
			11 7	- 6 1	3 59 44	
			8 3	- 2 7	4 55 15	DATUM
			6 6	- 1 0	5 50 46	MEAN LOWER LOW WATER
			4 2	1 4	6 46° 59'	
			1 0	4 6	487 FT LEFT M.H.T.	

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

C. J. GALLI

F. B. 2917 PG. 29

F. B. 2817 PG. 66 | Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

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

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

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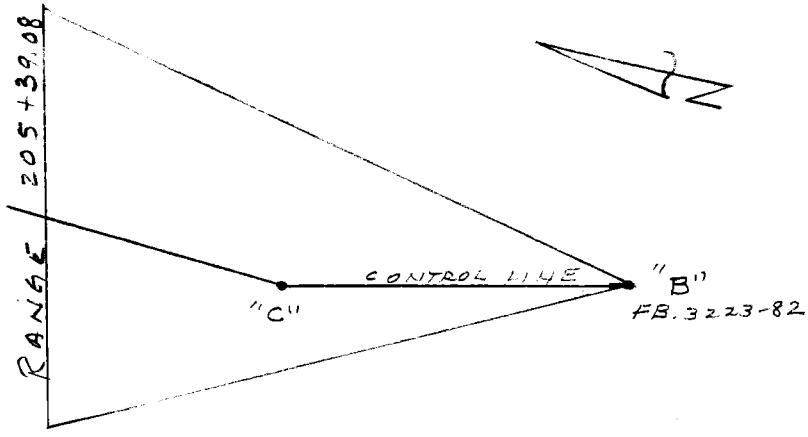
76-L-298 CE 307 5-66

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 030002 Division No. 11 F. B. 2817 Pg. 67

X-Sec. No. _____ Date _____ Date _____ Survey of HYDROGRAPHIC SURVEYS

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes D. L. W. Date 4-29-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
B	C	10:43	1	332	22			
		P.S.T	2	336	19			
			3	341	46			
			4	346	35			
			5	350	12			
			6	353	59			
W/O CONTROL LINE			7	357	39			
E/O	"	"	8	0	09			
			9	6	34			
			10	9	42			
			11	13	23			
			12	16	39			
			13	19	41			
			14	22	47			
			15	25	25			
			16	28	30			
			17	31	17			
			18	33	39			
			19	35	46			
			20	37	31			

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Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY: RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
B	C		21	39	19			
			22	41	15			
			23	42	51			
			24	44	20			
			25	45	38			
		10:52	26	46	01			
		P.S.T.						

F. B. 2817 Pg. 68 Job No. 03000,02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

Survey by RICHARDS Notes D.L.W. Notes Chkd. Checked X-Sec.

Indexed ~~C. J.~~ GALL Date Date Date No.

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Distances Taken from New Cont. of Line	
					STA. 205+39.08	
T.P.				16.04	T.P. 1"x2" Cont from Sta 203+39.08	
T.P.				15.51	T.P. 1"x2" New Cont Line ✓	
				14.69		379' Rt. [illegible]
				14.8		400' Rt. Sand
				15.6		300' Rt. "
				14.6		200' Rt. "
				13.4		100' Rt. "
				13.5	100' Lt. Sand.	
				12.1	200 Lt. "	
T.P.				12.37	T.P. 266' Lt. Brk. Sand 1"x2"	
	1 13	4 94		3.81	372' Lt 1"x2 & Sand	
			0 3	4.6	387 LEFT, M. HIGH TIDE 203+ [illegible]	
					⊼ AT 203+39.08, 400 FT. WEST, SIGHT 209+39, 400' WEST	
			5 7	-0 8	∡ #1 13° 09'	
			7 3	-2 4	2 22 18	
			11 5	-6 6	3 37 00	
			14 7	-9 8	4 46 04	
			16 0	-11 1	5 50 38	

DATUM
MEAN LOWER LOW WATER

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. 7817 PG. 62
X-Sec. No. ____ Date ____ Date ____ Survey of Marina Del Rey - Lyd. Survey
Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 Pg. 70 | Job No. 030002 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of Marina Del Rey-Hyd. Survey Date _____ Date _____ No. _____

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

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

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

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

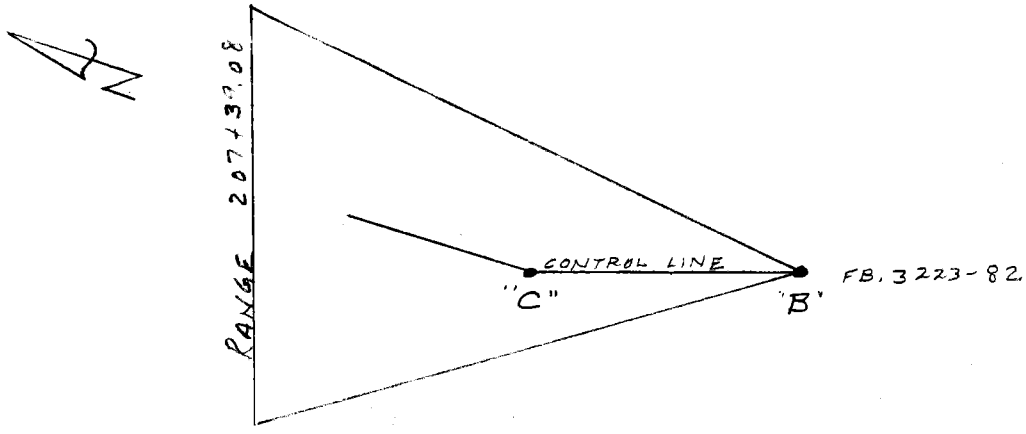
76-L-298 CE 307 5-66

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 71

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

Survey by RICHARDS Notes DON Date 4-29-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
B	C	11:01	1	336	41			
		P.S.T.	2	339	26			
			3	342	22			
			4	345	13			
			5	347	59			
			6	350	45			
			7	353	08			
			8	356	15			
W/O CONTROL LINE			9	359	05			
E/O	"	"	10	1	28			
			11	4	44			
			12	7	48			
			13	10	28			
			14	13	33			
			15	16	37			
			16	20	03			
			17	22	29			
			18	25	02			
			19	27	27			
			20	29	36			

76L298 307 Cdb 12-62

F. B. 2817 PG. 72 Job No. 030002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of SAME Date _____ Date _____ No. _____

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

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

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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.
B	C		21	32	01			
			22	34	11			
			23	36	02			
			24	37	37			
			25	38	58			
			26	40	54			
			27	42	43			
		11:07	28	43	45			
		P.S.T.						

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Distances Taken from New Control Line	
					STA 207+39.08	
T.P.				15.81	T.P. Sta 205+39.08	
T.P.				15.32	T.P.	New Control Line
				13.1	100' Lt	
T.P.				12.81	194 Lt. 1"x2" Brk	T.P.
				9.9	229 Lt Sand	
				3.85	322 Lt " "x2"	
				14.1		100' Rt. Sand
				15.4		200' Rt. "
				15.6		300' Rt "
				4.7		400' Rt. "
				14.61		479' Rt walk.
	1 03	4 88		3 85	T.P. 322 LEFT, 1x2	
					⊼ AT 203+39.08, 400 FT. WEST, SIGHT 209+39, 400 FT. WEST	
			16 5	-11 6	∡ #1 20° 57'	
			13 2	-8 3	2 13. 40	
			9 3	-4 4	3 6 00	
			7 7	-2 8	4 1 30 (ANGLE LEFT)	
			6 1	-1 2	5 3° 37 ANGLE RIGHT	
			4 1	0 8	(WHERE ?)	
			0 3	4 6	315 FT LEFT, M.H.T.	

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2817 Pg. 73
No. ____ Date ____ Date ____ Survey of Marina Del Rey - Hyd. Survey
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Curtis Notes 9 SC Date Apr. 29 67
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 Pg. 74 | 0300.02

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

Survey of Marina Del Rey-Hyd. Survey Date _____ Date _____ No. _____

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

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

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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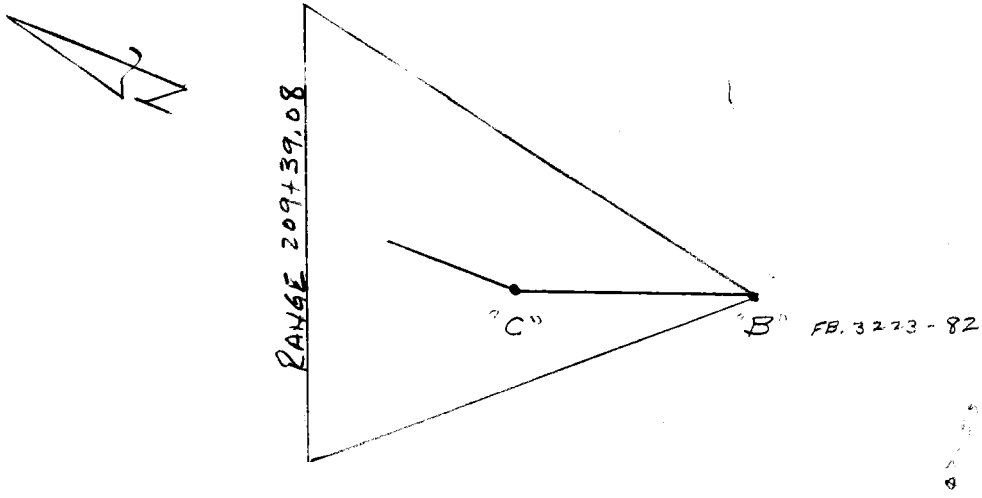
76-L-298 CE 307 5-66

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 | F. B. 2817 Pg. 75

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

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 4-29-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
B	C	11:16	1	336	30			
			2	339	49			
			3	342	46			
			4	346	04			
			5	349	52			
			6	353	18			
W/O	CONTROL	LINE	7	357	15			
E/O	"	"	8	6	01			
			9	8	40			
			10	11	44			
			11	13	58			
			12	16	46			
			13	19	38			
			14	22	36			
			15	24	38			
			16	27	05			
			17	29	26			
			18	31	26			
			19	32	59			
			20	34	22			

76L298 307 Cdb 12-62

76L298 307 Cdb 12-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
B	C		21	35	48			
			22	37	34			
			23	39	05			
			24	40	05			
		11:28	25	41	09			
		P.S.T.						

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

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

Division No. 11 Job No. 830007

Survey of HYDROGRAPHIC SURVEYS

Survey by RICHARDS Notes D.L.W.

Indexed C.J. GALLI Date ____

F. B. 2817 PG. 76

76-L-298 CE 307 5-66

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE. 4

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Distances Taken from New Control Line	
				Sta. 209	+39.08	
T.P.				15.32	T.P. Sta. 207+39.08	
T.P.				14.90	T.P. 1"x2" New Control Line ✓	
				13.8	70' Lt. Sand	
T.P.				13.41	T.P. 145' Lt. Brk. Sand.	
				9.8	170' Lt	"
				4.68	260' Lt. 1"x2"	" ✓
				14.0		100' Rt. Sand
				14.3		200' " "
				15.2		300' " "
				14.7		400' " "
T.P.				14.42	T.P. L&T	479 " Walk
BM# N-11				13.75	BM# N-11 Elev. 13.753	F.B. 2100-174
					⊼ AT 203+39.08, 400' WEST, SIGHT 209+39.08, 400 FT WEST	
	131	599 60		4.68	T.P. 260 FT LEFT 1x2	
			14	46	259 FT LEFT M.H.T.	
			63	-03	4#1 8° 45' (ANGLE TO RIGHT)	
			86	-26	2 5 20 " "	
			104	-44	3 1 33 " "	
			151	-91	4 4 17 (ANGLE TO LEFT)	
			173	-113	5 5 55 " "	SEE BACK

DATUM
MEAN LOWER LOW WATER

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2817 PG. 77
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by CURTIS Notes HSS Date Apr. 21-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

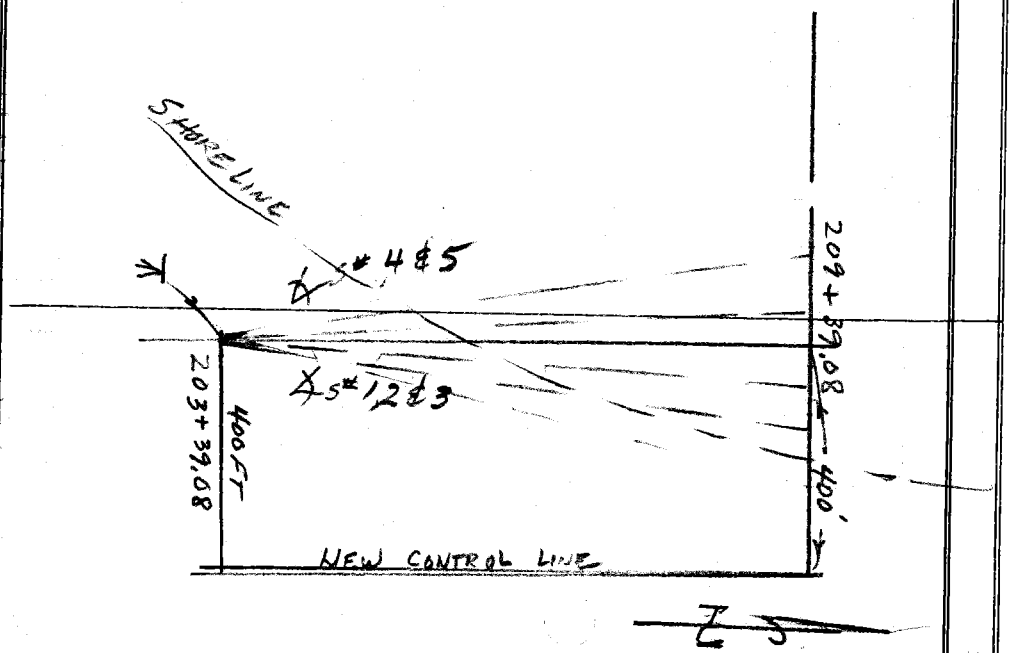
F. B. 2817 PG. 78 | Job No. 030002 Division No. 4 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

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

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



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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76-L-298 CE 307 5-66

Notes Ck'd by	Survey of HYDROGRAPHIC SURVEY
Map No.	JN 0300.32 Tape — Std — °F
Office Work	Surveyed by RICHARDS
Checked	Notes UNABRIDGED Date 4-29-69
Date	Indexed C. J. GALLI MAY 16 '69

F. B. 2817 PG. 79

TIDE GAGE READINGS
APRIL 29, 1969
DATUM = M.L.L.W.
TIME = P.S.T.

TIME	TIDE
6:00	4.2
6:30	4.3
7:00	4.5
7:30	4.3
8:00	4.2
8:30	3.9
9:00	3.4
9:30	3.1
10:00	2.5
10:30	2.0
11:00	1.5
11:30	1.1
12:00	0.8
12:30	0.7
1:00	0.6
1:30	0.7
2:00	0.8

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

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

Do not extend this side of this line.

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

76F309S CE#310 3-68

F. B 2817 PG. 80

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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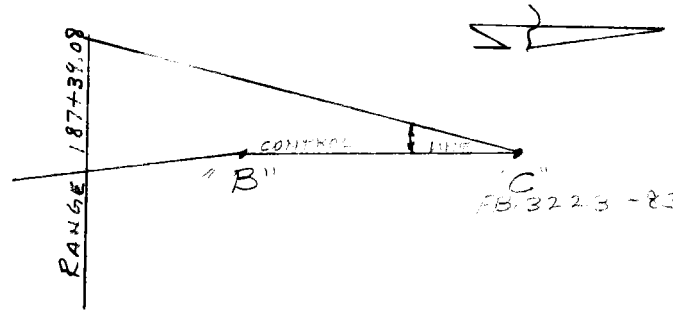
Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 81

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

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 4-30-69

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



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PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
C	B	8:57	1	42	41			
		P.S.T.	2	39	34			
			3	36	52			
			4	34	12			
			5	30	21			
			6	26	14			
			7	21	22			
			8	16	15			
			9	10	58			
			10	5	40			
		9:00	11	1	54			
		P.S.T.						

76L298 307 Cdb 12-62

F. B. 2817 Pg. 82 | 030002 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

Survey by RICHARDS Notes D.L.W. Notes Chkd. Checked X-Sec.

Indexed ~~C. J. GALLI~~ Date Date Date No.

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

Do not extend notes this side of this line.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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76L298 307 Cdb 12-62

76L298 307 Cdb 12-62

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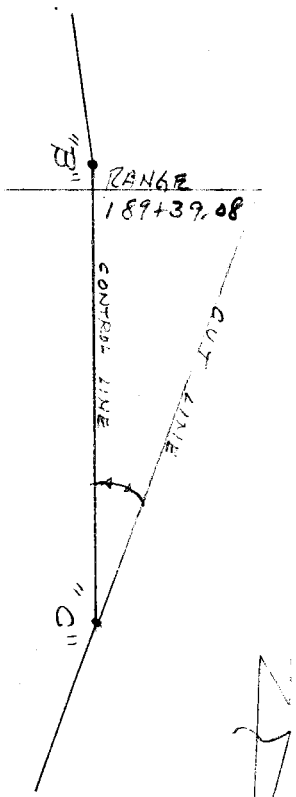
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH			DEG.	MIN.	
C	B	9:11	1	40	48			
		P.S.T.	2	37	45			
			3	32	58			
			4	28	31			
			5	23	13			
			6	16	46			
			7	9	01			
		9:13	8	4	56			
		P.S.T.						



Profile Notes Red. Plotted Job No. 0300.07 Division No. 11 F.B. 2817 PG. 83

No. Date Date Survey of HYDRO, SURVEY

X-Sec. Notes Chkd. Checked Survey by Notes Date 4-30-69

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

F. B. 2817 PG. 84 | Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

Survey by RICHARDS Notes D. L. W. Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI Date Date Date No.

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

Do not extend notes this side of this line.

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76L298 307 Cdb 12-62

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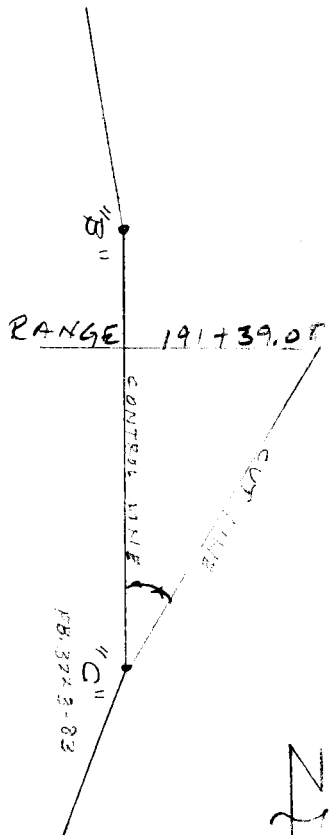
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
C	B	9:3'	1	49	35			
		P.S.T.	2	45	52			
			3	40	57			
			4	34	58			
			5	29	01			
			6	21	08			
			7	13	40			
			8	9	27			
		9:34	9	6	05			
		P.S.T.						



Profile

No. Date Notes Red. Plotted Job No. 2300.02 Division No. 11

X-Sec. Date Date Survey of HYDEGA SURVEY

No. Notes Chkd. Checked Survey by [illegible] Notes [illegible] Date 4 30 69

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

F. B. 7817 Pg. 25

F. B. 2817 Pg. 86 | 030002 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS Date ____ Date ____ No. ____

Survey by RICHARDS Notes D.L.W. Notes Chkd. ____ Checked ____ X-Sec.

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

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

Do not extend notes this side of this line.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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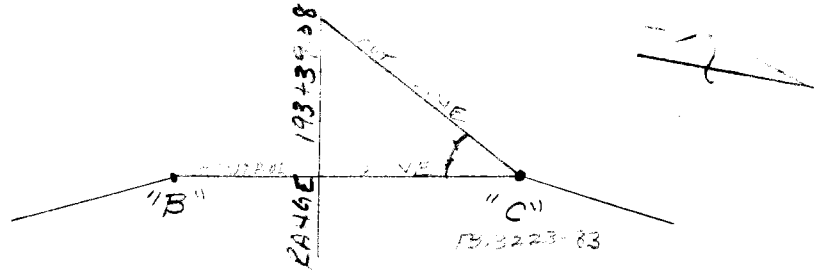
76L298 307 Cdb 12-62

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 2300.02 Division No. 11 | F. B. 287 Pg. 87

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

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 4-30-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
C	B	9:46	1	47	48			
		P.S.T.	2	43	33			
			3	37	48			
			4	31	38			
			5	23	12			
			6	17	04			
			7	12	28			
		9:48	8	8	18			
		P.S.T.						

76L298 307 Cdb 12-62

F. B. 2817 PG. 88 Job No. 030002 Division No. 11 Notes Red. ______ Plotted ______ Profile

Survey of HYDROGRAPHIC SURVEYS Date ______ Date ______ No. ______

Survey by RICHARDS. Notes D. L. W. Notes Chkd. ______ Checked ______ X-Sec.

Indexed C. J. GALLI Date ______ Date ______ Date ______ No. ______

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

Do not extend notes this side of this line.

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

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

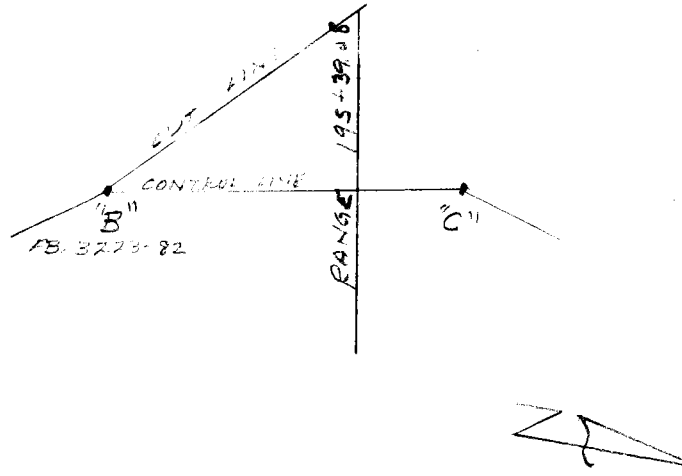
76L298 307 Cdb 12-62

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 | F. B. 2817 Pg. 89

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

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DON Date 4-30-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
B	C	10:01	1	308	03			
		P.S.T.	2	312	46			
			3	317	24			
			4	321	45			
			5	325	25			
			6	329	59			
			7	336	26			
			8	342	04			
			9	348	49			
		10:04	10	352	23			
		P.S.T.						

76L298 307 Cdb 12-62

F. B. 2817 Pg. 90 | 030002 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS Date ____ Date ____ No. ____

Survey by RICHARDS Notes D.L.W. Notes Chkd. ____ Checked ____ X-Sec.

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

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

Do not extend notes this side of this line.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

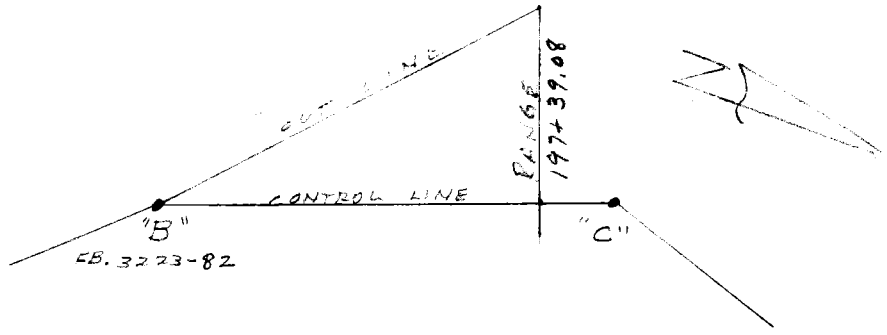
761298 307 Gdb 12-62

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 | F. B. 2817 Pg. 91

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

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes DAN Date 4-30-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE		FOR OFFICE USE ONLY		
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DEG.	MIN.	RANGE DEG.	LINE MIN.	CARD Nº
B	C	10:14	1	328	47			
		P.S.T.	2	331	34			
			3	336	28			
			4	343	04			
			5	348	38			
		10:16	6	352	47			
		P.S.T.						

76L298 307 Cdb 12-62

F. B. 2817 Pg. 92 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

Survey by RICHARDS Notes W.A.R. & D.L.W. Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI Date Date Date No.

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

Do not extend notes this side of this line.

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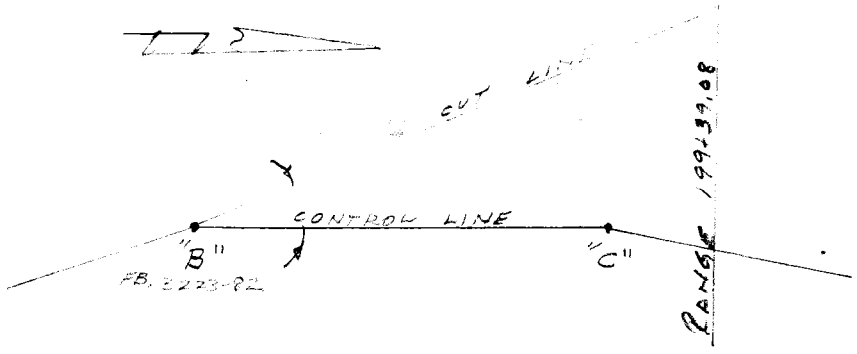
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L298 307 Gdb 12-62

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.02 Division No. 11 | F. B. 2817 Pg. 93

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of HYDRO. SURVEY Survey by [illegible] Notes Don Date 4-30-69 Map No. _____ Indexed C. J. GALLI Date _____



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PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
B	C	10:28	1	336	30			
		P.S.T.	2	340	59			
			3	346	40			
		10:29	4	354	22			
		P.S.T.						

76L298 307 Cdb 12-62

F. B. 2817 Pg. 94 | Job No. 030002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

Survey by RICHARDS Notes D.L.W. Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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761298 307 Gdb 12-62

F. B. 2817 PG 97

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

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of HYDRO. SURVEY MDK

Survey by [illegible] Notes ____ Date ____

Map No. ____ Indexed C. J. GALLI Date NOV 1 6 '69

J. N. 0300.02

HYDROGRAPHIC SURVEY

[illegible]

INCLUDING BEACH AREA AT [illegible] BASIN "D"

DATUM = M.L.L.W.

FOR CONTROL SEE F.B. 2959-224

RICHARDS
BAZEN
WILKS
BUSTRUM
BANKSON
SOPER
TULLIER

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
B.M.S-61	377	13 77		10 00	B.M.S-61 EL = 10.00 F.B. 2959-225 Beach	
CUT IN GUN @ 7+79.86 SIGHT @ 0+00						
					HOR. ANGLE	Dist
0+00 ✓			18	12 0	0°	
" 1			21	11 7	358° 56'	15'
" 2			44	9 4	354° - 30'	75'
" 3			66	7 2	351° - 05'	122'
" 4			91	4 7	347° - 43'	M.H.T. ± 170'
" 5			106	3 2	345° - 04'	208
" 6			115	2 3	341° - 59'	254'
T.P.	449	9 13	913	4 64		
[illegible]			201	-11 0	331° 07'	430'
			193	-10 2	333° - 39'	386'
TIDE 3.5			163	-7 2	335° - 40'	353'
			106	-1 5	338° - 06'	314'
			72	1 0	341° - 05'	267'
T.P.	589	13 40	1 62	7 51		
0+50 ✓			17	11 7	0° - 31'	
2			21	11 3	0°	

F.B. 2817 PG. 78

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

Survey of M.D.R. Date No.

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

Indexed C.J. GALLI Date Date No.

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIS		
0+50		13 40			HOR. ANGLE		
3			3 8	9 6	356-40	CUT GUN @	+43'
4			5 6	7 8	352-40	7+79,86 SIGHT	94'
5			7 7	5 7	348-31	ON 0+00	148'
6			8 7	4 7	345-49	M.H.T ±	171'
7			10 5	2 9	343-19		219'
8			11 0	2 0	341-32		244'
9			25 1	-11 7	327-39		462'
10			24 9	-11 5	330-06		420'
			22 2	-8 8	333-49		359'
12			15 8	2 4	336-51		312'
13			13 8	-0 4	339-03		279'
14			12 2	1 2	341-22		246'
15			10 8	2 6	342-29		230
16			19 2	-5 8	335-30		333
T.P.			1 70	11 70			

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of HYDRO SURVEY
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date 3-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 7817 Pg. 99

F. B. 2817 PG. 100 | Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

Survey by RICHARDS Notes D.L.W. Notes Chk'd. _____ Checked _____ X-Sec.

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

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

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76-L-298 CE 307 5-66

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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.	BASIN "D" #3	
B.M. 5-61	199	11 99		10 00	B.M. 5-61 EL. = 10.00 F.B. 2959-225	
CUT IN GUN @ 7+~~49~~ 79.86					SIGHT AT 0+00	
					HOR. ANGLE	
1+00 T.C. ✓			0 3	11 7	02° 19'	-28'
2 ℄			1 2	10 8	0°	± 0'
3			4 1	7 9	353° 42'	75'
4			6 1	5 9	349° 21'	MISSED M.H.T. 128'
5			8 2	3 8	345° 03'	182'
6			11 6	0 [illegible]	340° 51'	236'
7			24 1	-12 1	325° 56'	460'
8			23 7	-11 7	327° 52'	427'
9			22 8	-10 8	331° 17'	372'
[illegible]			19 8	-7 8	333° 20'	341'
[illegible]			13 8	-1 8	335° 41'	307'
[illegible]			18 4	-6 4	334° 02'	331'
[illegible]			13 5	5	338° 25'	269'
14			13 3	-1 3	339° 34'	253'

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 2817 PG. 101
No. ____ Date ____ Date ____ Survey of HYDRO SURVEY M.L.R.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes [illegible] Date 3-28-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 Pg. 102 | 030002

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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Do not extend notes this side of this line.

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN D	E
		11 99				
					CUT IN GUN @ 7+79.86 SIGHT ON 0+00	
					HOR. ANGLE	
1150 TR			0 3	11 7	04° 25'	-49'
2 ℄			2 1	9 9	0°	±0'
3			4 3	7 7	354°38'	59'
4			6 3	5 7	349°51'	113'
5			8 5	3 5	345°19'	165'
6			7 3	4 7	347°57'	M.H.T. 134'
7			11 6	4	340°51'	219'
8			24 1	-12 1	323°07'	473'
9			23 5	[illegible] 5	325°12'	438'
10			23 5	-11 5	328°17'	389'
			23 5	-11 5	330°53'	351'
12			19 7	-7 7	333°14'	318'
13			16 1	-4 1	334°38'	299'
			14 1	-2 1	336°30'	274'
			2 4	-0 4	338°30'	248'

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of HYDRO SURVEY M.D.R.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG. 103

F. B. 2817 PG. 104 | 0300.02

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN	5
		11 99'				
					CUT IN GUN @ 7+79.86 SIGHT ON 0+00	
					HOR. ANGLE	
5+00 ✓ T.C.			0.3	11 7'	06°51'	-70'
2 ℄			2 7	9 3'	0°00'	±0'
[illegible]			4 8	7 2'	354°37'	55'
[illegible]			6 6	5 4'	349°00'	113'
[illegible]			8 8	3 2'	345°06'	154'
[illegible]			7 3	4 7'	X 1141 348°19'	M.H.T. ± 120'
[illegible]			11 4	6'	1941 340°19'	207'
[illegible]			13 6	-1 6'	2240 337°20'	242'
[illegible]			23 8	-11 8'	3921 320°39'	475'
[illegible]			23 6	-11 6'	3549 324°11'	418'
[illegible]			23 0	-11 0'	3223 327°37'	ADDITIONAL SHOTS 368
[illegible]			22 1	-10 1'	2924 330°36'	BETWEEN NO. 8 & 9 327'
[illegible]			19 4	-7 4'	27.10 332°50'	298'
[illegible]			16 4	-4 4'	2443 335°17'	267'
[illegible]			13 0	-1 0'	2218 337°42'	238'

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

F. B. 2817 PG. 105

F. B. 2817 PG. 106 | 030002

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		11 99				
					CUT GUN @ 7+79.86	SIGHT ON 0+00
					HOR. ANGLE	
2+50 T.C.			0 3	11 7	09° 40'	-90'
2 ℄			3 3	8 7	0° 00'	± 0
			5 3	6 7	354° 39'	+50'
			7 3	4 7	* 349° 28'	M.H.T. ± +99'
			9 0	3 0	344° 20'	149'
			12 1	- 1	339° 13'	201'
			14 1	- 2 1	336° 48'	227'
			23 8	- 11 8	317° 20'	488'
			23 7	- 11 7	320° 25'	438'
			23 3	- 11 3	324° 01'	385'
			22 8	- 10 8	328° 53'	320'
			19 7	- 7 7	332° 00'	282'
			15 9	- 3 9	335° 54'	227
			13 4	- 1 4	337° 47'	216'

ADDITIONAL SHOT

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

F. B. 2817 PG. 107

F. B. 2817 Pg. 108 | 0300.02

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN D	
		11 99'				
					CUT IN GUN @ 7+79.86 SIGHT ON 0+00	
					HOR. ANGLE	
3+00 T.C.	T.P.		0 3	11 7'	12°35'	-107'
2			2 2	9 8'	05°58'	-50'
3 ℄			3 8	8 2'	0°00'	0
4			5 8	6 2'	354°21'	47'
5			7 3	4 7'	* 349°45'	M.H.T. + 87'
6			9 4	2 6'	344°00'	138'
7			12 5	-0 5'	338°41'	187'
8			14 2	-2 2'	337°09'	202'
9			16 8	-4 8'	334°46'	226'
10			18 2	-6 2'	332°03'	255'
11			23 7	-11 7'	312°55'	516'
12			24 0	-12 0'	316°35'	454'
13			23 7	-11 7'	318°56'	418' ADDITIONAL SHOTS
14			23 8	-11 8'	322°52'	364'
15			22 6	-10 6'	327°37'	304'
16			21 0	-9 0'	330°10'	275'

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

F. B. 2817 Pg. 109

F. B. 2817 Pg. 110 | 030002

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN D		
T.P.	01	11 8'		11 7'	T.P. 3+00 T.C ELEV = 11.7		
					CUT IN GUN @ 779.86 SIGHT ON 0+00		
					HOR. ANGLE		
3+50 T.C.			01	11 7'	12°36'		-96'
2			25	9 3'	26°26'		-48'
3 ℄			41	7 7'	0°00'		±0'
4			61	5 7'	358°52'		+46'
5			71	4 7'	350°28'	M.H.T.I	72'
6			93	2 5'	343°51'		124'
7	W.L.	[illegible]	114	0 4'	338°11'		172
8			25	-2 1'	335°04'		200'
9			116	-11 2'	304°55'		616'
10			120	-11 6'	308°20'		544'
[illegible]			120	-11 6'	312°23'	ADDITIONAL SHOTS	471'
[illegible]			120	-11 6'	317°10'		399'
[illegible]			113	-10 9'	322°10'		334'
[illegible]			93	-8 9'	327°02'		279
15			55	-5 1'	330°54'		239
16			28	-2 4'	334°41'		203'

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date 3-28-69
No. ____ Date ____ Date ____ Map No. ____ Indexed J. GALLI Date ____

F.B. 2817 Pg. 1/1

F. B. 2817 Pg. 112 | 030002

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		11 8				
					CUT IN GUN @ 7+79.86 SIGHT ON 0+00 HOR. ANGLE	
4+00 T.C.			0 1	1 7	28° 08'	-124'
2			2 5	9 3	08° 19'	-56'
3			4 4	7 4	0° 00'	±0'
4			7 1	4 7	* 3[illegible]° 07'	M.H.T. ± 73'
5	W.L.	0 6	11 2	0 6	337° 01'	161'
6			2 6	-2 0	333° 03'	193'
7			4 5	-3 9	330° 37'	214'
8			9 0	-8 4	324° 11'	274'
9			12 0	-11 4	305° 25'	534'
10			12 8	-12 2	309° 23'	463'
			12 2	-11 6	313° 58'	ADDITIONAL SHOTS 394'
12			11 8	-1[illegible] 2	31[illegible]° 51'	332'
13			11 0	-10 4	32[illegible]° 03'	308'
14						

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 2817 Pg. 113
No. ____ Date ____ Date ____ Survey of HYDRO SURVEY M.D.R.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 3-28-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG. 114

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

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

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN D		
		11 8					
					CUT GUN @ 7+79.86	SIGHT ON 0+00	
					HOR. ANGLE		
4+50 T.C.	T.P		0 1	11 7'	20° [illegible]		-126'
2			2 8	9 0'	08° 25'		-49'
3			4 6	7 2'	0° 00'		±0
			~~6 9~~	~~4 9~~	OMIT		
4			7 1	4 7'	* 1 348° 28'	M.H.T. ±	67'
5			9 0	2 8'	2 340° 48'		115'
6	W.L.	5 8'	11 0	0 8'	3 334° 21		158'
7			2 4	-1 6'	5 328° 27'		203'
8			11 8	-11 0'	11 302° 46'		513'
9			12 0	-[illegible] 2'	10 306° 30'		446'
10			[illegible]	[illegible]	9 312° 03'		366'
11			[illegible]	[illegible]	8 316° 37'	ADDITIONAL SHOTS	312'
12			10 4	9 6'	7 320° 05'		276'
13			6 3	-5 5'	1 324° 53'		232'
14			1 5	-0 7'	4 330° 06'		190'

Profile Notes Red ____ Plotted ____ Job No. 0300.07 Division No. 11 F. B. 2817 Pg. 115
No. ____ Date ____ Date ____ Survey of HYDRO. SURVEY M.D.R.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG. 116 | Job No. 030002 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN	D	
T.P	0 9	12 6		11 7	4+50 T.C. EL. = 11.7		
					CUT IN GUN @ 7+79.46 SIGHT ON 0+00		
					HOR. ANGLE		
5+00 T.C			0 9	11 7'	23° 38'		-122'
2			3 6	9 0'	10° 27'		-52'
3 C			5 2	7 0'	0° 00'		±0'
4			7 9	4 7'	* 344° 28'	M.H.T.	78'
5	W.L.		9 0	3 6'	328° 35'		110'
6			11 2	1 4'	330° 23'		159'
7		3 6	14 5	-10 9'	298° 34'		514'
8			14 5	-10 9'	300° 13'		481'
9			14 5	-10 9'	303° 00'		431'
10			14 5	-10 9'	307° 21'		367'
11			13 8	-10 2'	313° 10'		298'
12			12 1	-8 5'	315° 54'		271'
13			7 0	-3 4'	318° 09'		251'
14			3 6	-0 0'	324° 36'		199'
15			1 9	11 7'	330° 38'		157'

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 Pg. 117

F. B. 2817 PG. 118 | 030002

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN D	
		126				
					CUT IN GUN @ 7+79.86 SIGHT ON 0-00	
					HOR. ANGLE	
5+50 T.C.			09	117	25° 53'	-112'
2			34	92	12° 48'	-52'
3			49	77	0° 00'	±0'
			79	47	338° 29'	M.H.T. 91'
	W.L.		90	36	332° 56'	117'
6			114	12	321° 13'	185'
7		36	85	-49	293° 48'	521'
8			117	-81	295° 40'	478'
9			138	-102	298° 48'	418'
10			140	-104	303° 17'	350'
11			118	-82	307° 50'	296'
12			52	-16	311° 14'	262
13			36	00	315° 25'	227
14			20	16	320° 30'	189'

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

F. B. 2817 PG. 119

F. B. 2817 Pg. 120 | Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		12 6				
					CUT GUN @ 7+79.86	SIGHT ON 0+00
					HOR. ANGLE	
6+00 T.C.			1 0	1 6'	30°30'	-106"
2 ℄			3 7	8 9'	0°00'	±0"
3			5 3	[illegible]	336°31'	78"
4			7 9	4 7'	* 312°44'	M.H.T. 195"
5	W.L.		9 2	3 4'	305°50'	249"
6			11 6	1 0'	296°50'	354"

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. 8 817 PG. 121
No. ____ Date ____ Date ____ Survey of HYDRO SURVEY M.D.R.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 Pg. 122 Job No. 030002 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		126				
					CUT GUN @ 7+79.86 SIGHT ON 0+00	
					HOR. ANGLE	
6+50 T.C	T.P.		10	116	31°00'	-78'
2 ℄			28	98	0°00'	±0'
3			43	83	323°13'	97'
4			56	70	307°13'	171
5			79	47	* 243°20'	M.P.T. = 301'
6	W.L		94	32	288°40'	384'

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F. B. 2817 PG. 123
No. ____ Date ____ Date ____ Survey of HYDRO SURVEY M.D.R.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG. 124 | 030002

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

76-L-298 CE 307 5-66

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

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P	0 3	11 9		11 6	T.P. 6+50 T.C. EL = 11.6	
7+00			0 3	11 6	48' N'LY T.C.	
			2 1	9 8	P LINE	
7+50			0 3	11 6	12' N'LY T.C.	
			1 2	10 7	P LINE	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 4
No. ____ Date ____ Date ____ Survey of HYDEO SURVEY M.D.E.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2917 Pg. 125

F. B. 2817 Pg. 126 | 030092

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
		11 9			BACK		15
					CUT IN SUN @ 12+36.7' SIGHT [illegible]		
					HOR ANGLE		
7+79.86			0 0	11 9	0°00'	±0'	90° TO FORWARD LINE
2			0 3	11 6	358°37'	11'	
3			2 1	9 8	352°53'	57'	
4			3 6	8 3	347°07'	104'	
5			5 2	6 7	341°20'	154'	
6			6 5	5 4	336°37'	199'	
7			7 2	4 7	* 333°15'	230'	M.H.T.±

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Ck'd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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

F. B. 2817 PG. 128 Job No. 0200.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76-L-298 CE 307 5-66

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76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		11 9				
					CUT IN GUN @ 12+36.71 SIGHT ON 7+74.86	
					HOR. ANGLE	
8+50	T.C.		03	11 6	02° 05'	-14'
2			11	10 8	0° 00'	±0'
3			33	8 6	330° 35'	64'
4			51	6 8	343° 06'	118'
5			72	4 7	* 334° 48'	M.H.T. ± 182'
6			90	2 9	328° 37'	236'
7			113	0 6	321° 42'	306'

Profile Notes Red ____ Plotted ____ Job No. 2300.02 Division No. 11
No. ____ Date ____ Date ____ Survey of HYDRO. SURVEY - MARINA DEL RAY
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 7817 PG. 129

F. B. 2817 PG. 130

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

Survey of_____ Date_____ Date_____ No._____

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

Indexed_____ Date_____ Date_____ Date_____ No._____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN D	
		11 9				
					CUT IN GUN @ 12+36.71 SIGHT ON 7+79.86	
					HOR. ANGLE	
9+00 T.C.			0 3	11 6	[illegible]	-31'
2			1 6	10 3	[illegible]	± 0'
3			3 7	8 2	350° [illegible]	58'
4			5 8	[illegible] 1	341° 20'	114'
5			7 2	4 7	* 335° [illegible]	155'
6			9 4	2 5	327° 50'	212'
7	W.L.		[illegible] 3	0 6	[illegible]	268'
8		0 6	2 0	- 1 4	316° 05'	324'

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

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

F. B. 2817 Pg. 132 | 0300.02

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		11 9				
					CUT IN GUN @ 12+36.71	SIGHT ON 7+79.86
					HOR. ANGLE	
9+50 T.C.			0 3	11 6	08°39'	-44'
2			1 9	10 0	0°00'	±0
3			4 2	7 7	342°57'	56'
4			7 2	4 7	* 334°47'	135'
5			8 7	3 2	327°44'	181'
6		↓	11 3	0 6	320°02'	240'
7		0 6	2 3	-1 7	316°30'	272'
8			6 5	-5 9	312°57'	308
9			10 1	-9 5	309°32'	347'

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11
No. ____ Date ____ Date ____ Survey of HYDRO. SURVEY M.D.E.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 11 69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG.

F. B. 2817 PG. 134 | Job No. 0300.02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		11 9				
					CUT IN GUN @ [illegible] SIGHT ON 7+77.86	
					HOR. ANGLE	
10+00 F.C			0 3	11 6	[illegible]	-49'
2			2 3	9 6	[illegible]	±0'
3			5 0	6 9	[illegible]	20'
4			7 2	4 7	* 332°29'	123'
5			9 4	2 5	322°17'	183'
6	W.L.		11 2	0 7	315°53'	230'
7		07	2 5	-1 8	[illegible]	249'
8			5 5	-4 8	[illegible]	284'
9			9 7	-9 0	306°25'	325'
10			11 2	-10 5	[illegible]	398'
11			11 8	-11 1	[illegible]	457'

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11
No. ____ Date ____ Date ____ Survey of HYDRO SURVEY - [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG. [illegible]

F. B. 2817 PG. 136 Job No. 030002 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76-L-298 CE 307 5-66

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76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		11 9				
					CUT IN GUN @ 12+36.71 SIGHT ON 7+79.86	
					HOR. ANGLE	
10+50 T.C.			0 3	11 6	14°36'	-49'
2			2 2	9 7	0°00'	±0'
3			5 4	6 5	338°48'	72'
4			7 2	4 7	* 327°55'	117'
5			9 0	2 9	316°03'	180'
6	W.L.		11 5	0 4	306°24'	253'
7		0 4	2 0	-1.6	302°23'	295'
8			5 6	-5 2	298°54'	338'
9			10 8	-10 4	295°02'	400'
10			11 5	-11 1	291°22'	478'

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2811 PG. 137
No. ____ Date ____ Date ____ Survey of HYDRO. SURVEY - M.D.R.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes Don Date 4/1/69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG. 138 | Job No. 030002 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		11 9				
					CUT IN GUN @ 7+79.86 SIGHT ON 12+36.7'	
					HOR. ANGLE	
11+00 T.C.			0 3	11 6	352°39'	-41'
2			2 2	9 7	0°00'	±0'
3			5 0	6 9	12°22'	70'
4			7 2	4 7	* 22°54'	135'
5			8 6	3 3	29°52'	184'
6	W.L.		11 5	0 4	41°28'	283'
7		0 4	2 4	-2 0	48°07'	357'
8			8 0	-7 6	50°56'	394'
9			10 9	-10 5	54°06'	442'
10			11 2	-10 8	58°09'	515'

Profile Notes Red ____ Plotted ____ Job No. 0306 02 Division No. 11 F. B. 2817 Pg. 139
No. ____ Date ____ Date ____ Survey of HYDRO. SURVEY
X-Sec. Notes Chk'd. ____ Checked ____ Survey by RICHARDS Notes DON Date 4-1-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG. 140 | 0300.02 Job No. ____ Division No. 11 Notes Red ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		11 9				
					CUT IN GUN @ 7+79.86 SIGHT ON 12+36.71	
					HOR. ANGLE	
11+50 T.C.	T.P.		0 3	11 6	[illegible]	-30'
2			2 1	9 8	[illegible]	±0'
3			4 1	7 8	[illegible]	60'
4			5 8	6 1	[illegible]	107'

Profile Notes Red ____ Plotted ____ Job No. 03 00.02 Division No. 11
No. ____ Date ____ Date ____ Survey of HYDRO. SURVEY - M.D.R.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by RICHARDS Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 7817 PG. 1-11

F. B. 2817 PG. 142 Job No. 030002 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		11 9				
					CUT IN GUN @ 7+79.86 SIGHT ON 12+36.7	
					HOR. ANGLE	
12+00	T.C.		+06	12 5	[illegible]	-41'
2			12	10 7	0°00'	±0'
3			26	9 3	[illegible]	54'
4			41	7 8	[illegible]	105'
5						

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2817 PG. 143
No. ____ Date ____ Date ____ Survey of HYDRO. SURVEY - MDR.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG. 144 | 030002

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"
T.P.	3 3	14 9		11 6	T.P. 11+50 T.C. ELE = 11.6
12+36.71			2 6	12 3	@ angle point
			1 6	13 3	50' NLY 90° TO BACK LINE
			0 0	14 9	51' ELY 90° TO FORWARD LINE
13+00			0 0	14 9	51' ELY
			3 0	11 9	P-LINE

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11
No. ____ Date ____ Date ____ Survey of HYDRO. SURVEY M.D.R.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ENGINEERS Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F. B. 2817 PG. 1-13

F. B. 2817 PG. 146 | Job No. 030002 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

Survey by W.A.R. Notes – Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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78-L.298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN D	
		14 9				
					CUT IN RUN @ 12+30.71 SIGHT DOWN	
					CONTROL LINE SLY	
					HOR. ANGLE	
13+50			6 1	14 8	235° 54'	-8'
2			3 5	11 4	0° 00'	±0'
3			6 8	8 1	24° 44'	52'
4			9 2	5 7	[illegible]	104'
5			10 2	4 7	* [illegible]	127'
6	N.L.		11 4	3 5	[illegible]	190'
7		3 5	1 0	2 5	[illegible]	242'

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. [illegible] Pg. [illegible]
No. ____ Date ____ Date ____ Survey of HYDRO. SURVEY M.D.R.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG. 148 Job No. 030002 Division No. 4 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN D	
		14 9				
					CUTIN GUN @ 12+36.71 SIGHT ON CONTROL LINE SLY	
					HOR. ANGLE	
14+00			0 1	14 8	342° 44'	-21'
2			3 7	2	0° 00'	±0'
3			7 8	7 1	20° 19'	60'
4			10 2	4 7	* 33° 27'	104'
5			11 5	3 4	41° 00'	142'
6			1 4	2 0	52° 01'	209'
7						

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. ____ Pg. ____
No. ____ Date ____ Date ____ Survey of HYDRO. SURVEY - M.D.P.
X-Sec. Notes Chk'd ____ Checked ____ Survey by [illegible] Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG. 150 | 030092

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76-L-298 CE 307 5-66

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	# 6
		14 9				
					CUT IN GUN @ 12+36.71 SIGHT ON	
					CONTROL LINE SLY	
					HOR. ANGLE	
14+50			0 5	14 4	[illegible]	-50'
2			3 9	11 0	0° 11'	±0'
3			7 4	7 5	[illegible]	49'
4			10 2	4 7	* 23° 35'	93'
5	W.L.		11 5	3 4	28° 17'	115'
6		3 4	2 1	1 3	41° 00'	185'
7			3 3	0 1	43° 45'	204'
8			3 0	0 4	46° 48'	227'
9			4 2	-0 8	51° 33'	269'
10			6 0	-2 6	[illegible]	307'

Profile Notes Red____ Plotted____ Job No. 0300.02 Division No. 11
No.____ Date____ Date____ Survey of HYDRO. SURVEY - M.P.R.
X-Sec. Notes Chk'd.____ Checked____ Survey by [illegible] Notes [illegible] Date [illegible]
No.____ Date____ Date____ Map No.____ Indexed C. J. GALLI Date____

F. B. 28 / 7 PG. / 51

F. B. 2817 PG. 152 | 030002 Job No. _____ Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		14 9				
					CUT IN GUN @ 12+36.71 SIGHT ON CONTROL LINE S.L.Y	
					HOR. ANGLE	
15+00			0 7	14 2	344°35'	-51'
2			4 3	10 6	0°00	±0'
3			7 8	7 1	0°00'	46'
4			10 2	4 7	* 17°13'	82'
5	W.L.		11 7	3 2	23°27'	114'
6		3 2	2 2	1 0	33°52'	177'
7			2 8	0 4	38°43'	211'
8			4 5	-1 3	45°04'	264'
9			11 2	-8 0	49°42'	310'
10						

Profile Notes Red ____ Plotted ____ Job No. 0303.02 Division No. 11
No. ____ Date ____ Date ____ Survey of HYDRO. SURVEY - M.P.E.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 Pg. 13

F. B. 2817 PG. 154 | Job No. 030002 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		14 9				
					CUT IN GUN @ 12+36.71 SIGHT ON CONTROL LINE SL1	
					HOR. ANGLE	
15+50			0 9	14 0	[illegible]	-50'
2			4 8	10 1	0° 22'	±0'
3			8 0	6 9	[illegible]	46'
4			10 2	4 7	* [illegible]	75'
5	W.L.		11 7	3 2	17° 32'	100'
6		3 2	2 3	0 9	28° 17'	169'
7			3 2	0 0	[illegible]	205'
8			4 0	-0 8	TOP BREAK 37° 15'	238'
9			10 7	-7 5	BOTTOM BREAK 40° 49'	270'
10			13 5	-10 3	[illegible]	346'
T.P.			3 7	11 2		

Profile Notes Red ____ Plotted ____ Job No. 0300.00 Division No. 11
No. ____ Date ____ Date ____ Survey of [illegible] SURVEY
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

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

F. B. 2817 PG. 156

Job No. 030002 Division No. 4 Notes Red _____ Plotted _____ Profile

Survey of HYDROSCOPIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
T. P.	1 5	1 2 7		11 2	T. P. P861 EL = 11.2	
					CUT IN GUN @ 12+36.71	SIGHT ON
					CONTROL LINE SLY	
					HOR. ANGLE	
16+00			+07	13 4	[illegible]	-50'
2			26	10 1	0° 00'	± 0'
3			57	7 0	[illegible]	41'
4			80	4 7	10° 40'	68'
5	W.L.		114	1 3	[illegible]	128'
6		1 3	25	-1 2	28° 29'	197'
7			25	-1 2	29° 06'	202'
8			33	-2 0	33° 45' ?	243'
9			40	-2 7	33° 14'	TOP BRAKE 238'
10			100	-8 7	36° 26'	BOTTOM BRAKE 268'
11			122	-10 9	42° 10'	329'

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 4-2-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG. 157

F. B. 2817 PG. 158 | Job No. 030002 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		127				
					CUT IN GUN @ 12+36.71 SIGHT ON CONTROL LINE SLY	
					HOR. ANGLE	
16+50			34	93	P. LINE 0°00'	±0' NO MORE BEACH ELY
2			60	67	05°06'	37'
3			80	47	08°41'	63'
4	W.L.		117	10	17°21'	129'
5		10	22	-12	23°57'	184'
6			36	-26	27°42'	217'
7			52	-42	28°36'	TOP BREAK 225'
8			105	-95	33°33'	BOTTOM BREAK 274'
9			120	-110	37°35'	318'

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date 4-2-69
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

F.B. 2817 PG.

F. B. 2817 Pg. 160 Job No. 030002 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		127				
					CUT IN GUN @ 12+36.71 SIGHT ON CONTROL LINE SLY	
					HOR. ANGLE	27'
17+00			72	55	03°23'	BOTTOM ROCK JETTY
2			80	47	05°38'	46'
3			119	08	13°26'	111'
4	W.L.	08	23	-15	20°49'	176'
5			35	-27	23°28'	201'
6			48	-40	23°49'	TOP BREAK 204'
7			100	-92	28°07'	BOTTOM BREAK 247'
8			120	-112	32°22'	294'

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11
No. ____ Date ____ Date ____ Survey of [illegible] SURVEY M.D.R.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes DON Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2817 PG. 121

F. B. 2817 PG. 162 Job No. 030007 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76-L.298 CE 307 5-66

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	BASIN "D"	
		0 8			WATER LINE	
					CUT IN GUN @ 12+36.71 SIGHT ON	
					CONTROL LINE SLV.	
	SHOTS	ARE FROM	WATER	LINE DOWN	HOR. ANGLE	
17+41.89			12 2	-11 4	37°33'	388'
2			12 2	-11 4	32°20'	320'
3			11 8	-11 0	28°11'	271'
4			11 3	-10 5	25°01'	243'
5			10 0	-9 2	22°28'	209'
6			4 0	-3 2	19°03'	174'
7			1 8	-1 0	17°13'	157'
					NOTE	
		DATA	FOR	18+45	IS ON SOUNDER TAPE	

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11
No. ____ Date ____ Date ____ Survey of [illegible] SURVEY M.D.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. Gatti Date ____

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

F. B. 2817 PG. 167 Job No. 030002 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

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

Survey of MARINA DEL REY
JN 030002 Tape Std. °F
Surveyed by W. A. RICHARDS
Notes W.A.R. Date 4-62
Indexed C. J. GALLI NOV 16 '69

F. B. 2817 PG. 165

J. N. 030002
HYDROGRAPHIC SURVEYS
MARINA DEL REY
MAIN ENTRANCE CHANNEL

FROM LINE NO. 138 TO LINE NO. 185, INC.
RANGE LINE LOCATIONS PER FB. 3223:

RICHARDS
WILKS
SOPER
BANKSON
TULLIER

BAZEN
BUSTRUM

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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16F309S CE#310 1-65

BLANK

F. B. 2817 PG. 166

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

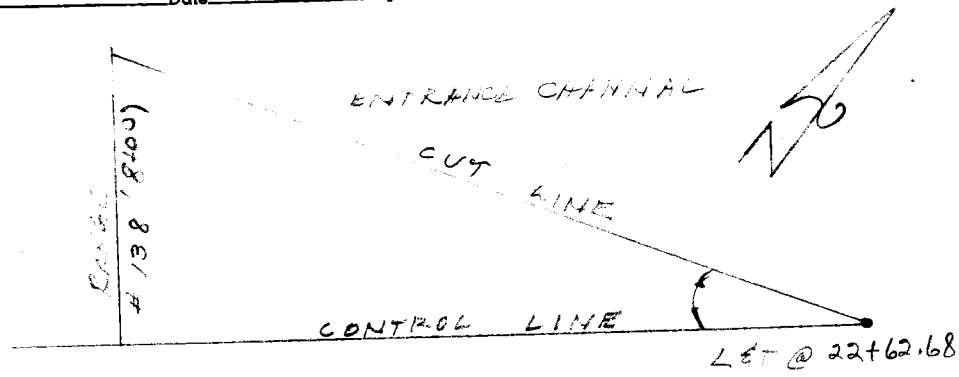
F. B. 2817 Pg. 167

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 2300.02 Division No. 1

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of Hydro. Survey M.D.R.

Survey by Richards Notes Don Date 4-9-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only: Range Deg.	Line Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
22+63	#138	10:54	1	30	01			
			2	29	25			
			3	28	34			
			4	27	10			
			5	25	16			
			6	23	27			
			7	19	55			
			8	16	31			
			9	13	13			
			10	10	53			
			11	8	38			
			12	6	34			
			13	5	01			
			14	3	58			
			15	2	53			
		10:58	16	2	05			

76L298 307 Cdb 12-62

F. B. 2817 Pg. 168 | Job No. 030002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	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					

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____

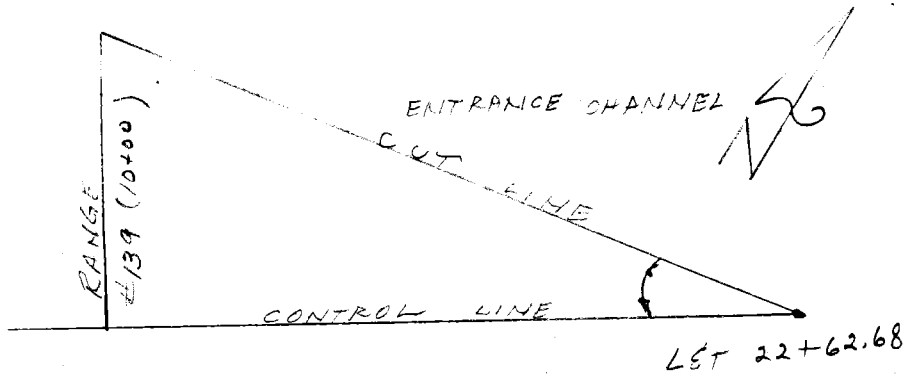
X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____

Job No. 0300.02 Division No. 11 | F. B. 2817 Pg. 168

Survey of HYDRO. SURVEY M.D.R.

Survey by RICHARDS Notes DON Date 4-9-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
22+63	10+00	11:07	1	35	36			
			2	35	14			
			3	35	00			
			4	33	29			
			5	32	43			
			6	31	19			
			7	28	58			
			8	26	50			
			9	24	48			
			10	22	12			
			11	19	25			
			12	15	37			
			13	12	28			
			14	9	47			
			15	8	03			
			16	6	28			
			17	5	16			
			18	3	47			
		11:11	19	2	07			

76L298 307 Cdb 12-62

F. B. 2817 PG. 170 | 0300.02 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

Do not extend notes this side of this line.

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

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 3C7 Cdb 12-62

76L298 307 Cdb 12-62

PLEASE RETURN TO

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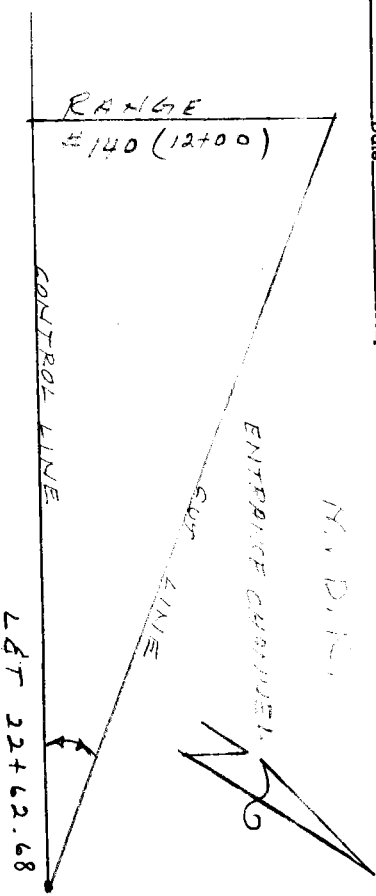
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. 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					
22+63	12+00	11:22	1	40	30			
			2	40	10			
			3	39	36			
			4	38	37			
			5	37	58			
			6	37	03			
			7	36	11			
			8	35	13			
			9	OMIT				
			10	29	57			
			11	25	08			
			12	21	26			
			13	17	07			
			14	12	11			
			15	8	22			
			16	5	43			
			17	3	53			
		11:27	18	2	23			



Profile No.____ Notes Red.____ Plotted____ Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 171

X-Sec. No.____ Date____ Notes Chkd.____ Date____ Checked____ Date____ Survey of HYDRO SURVEY Survey by RICHARDS Notes DH Date 4-9-69 Map No.____ Indexed C. J. GALLI Date____

F. B. 2817 PG. 172 Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

76L298 307 Cdb 12-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	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

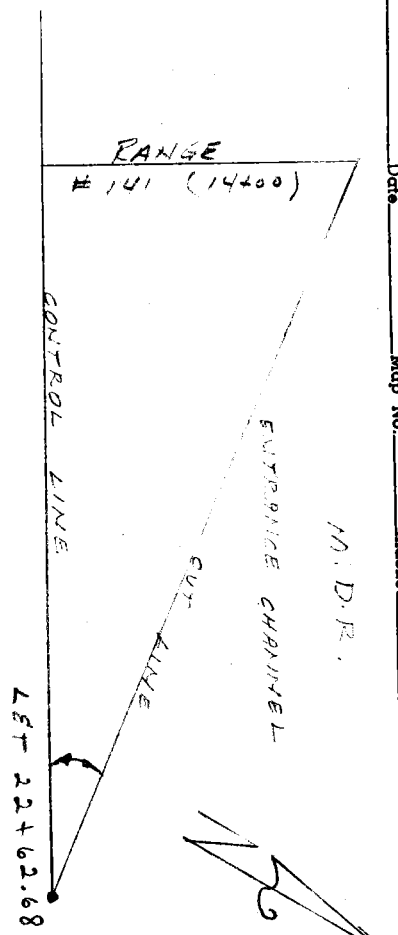
LOS ANGELES COUNTY SURVEYOR

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.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
22+63	14+00	11:36	1	45	54			
			2	45	37			
			3	44	51			
			4	44	13			
			5	42	52			
			6	41	22			
			7	39	00			
			8	36	09			
			9	31	21			
			10	26	31			
			11	20	00			
			12	14	26			
			13	12	02			
			14	10	02			
			15	7	44			
			16	4	29			
		11:40	17	2	51			



Profile Notes Red. Plotted Job No. 6300.02 Division No. 11 F. B. 2817 Pg. 72

No. Date Date Survey of HYDRO. SURVEY M.D.R.

X-Sec. Notes Chkd. Checked Survey by Notes Don Date 4-9 69

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

F. B. 2817 Pg. 174 | 0300.02

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____

Survey by RICHARDS 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					

Do not extend notes this side of this line.

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726 Los Angeles County Engineering Bldg.

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

76L298 307 Cdb 12-62

F. B. 2817 Pg. 175

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____

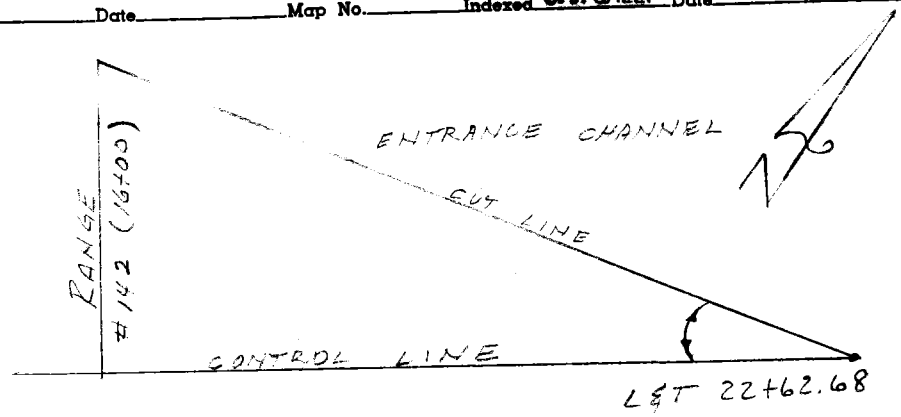
X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____

Job No. 0300.02 Division No. 11

Survey of HYDRO. SURVEY M.D.R.

Survey by [illegible] Notes DON Date 4-9-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
22+63	16+00	11:50	1	52	41			
			2	51	50			
			3	50	31			
			4	49	08			
			5	47	46			
			6	45	22			
			7	41	33			
			8	35	59			
			9	28	44			
			10	20	39			
			11	15	19			
			12	12	07			
			13	9	05			
			14	5	50			
		11:53	15	3	21			

76L298 307 Cdb 12-62

F. B. 2817 PG. 176 | 030002 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L298 307 Cdb 12-62

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____

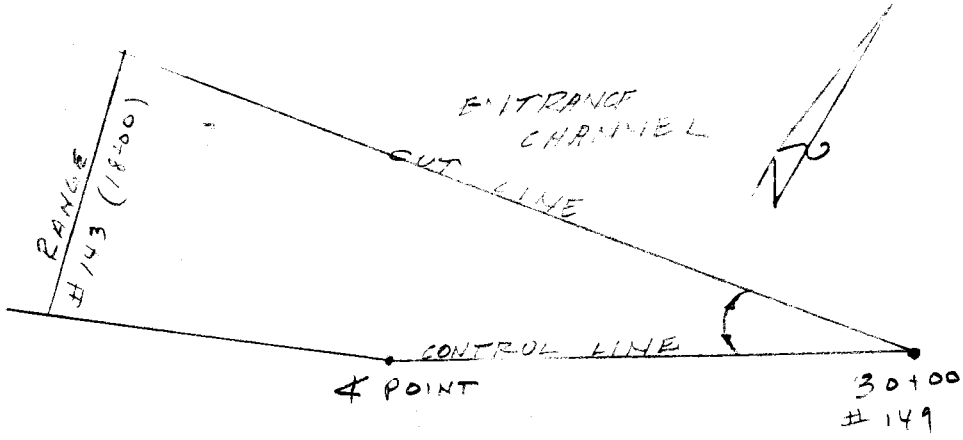
X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____

Job No. 0300.02 Division No. 11 | F. B. 2817 Pg. 177

Survey of HYDRO. SURVEY M. D. R.

Survey by RICHARDS Notes DON Date 4-9-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
30+00	22+80	1:20	1	40	52			
			2	40	34			
			3	40	13			
			4	39	27			
			5	38	34			
			6	37	40			
			7	36	36			
			8	34	57			
			9	33	05			
			10	30	33			
			11	27	52			
			12	24	26			
			13	20	11			
			14	16	39			
			15	12	20			
			16	9	20			
			17	6	60			
			18	5	35			
		1:25	19	4	02			

76L298 307 Cdb 12-62

F. B. 2817 PG. 178 | 0300.02 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

76L298 307 Cdb 12-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	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					

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____

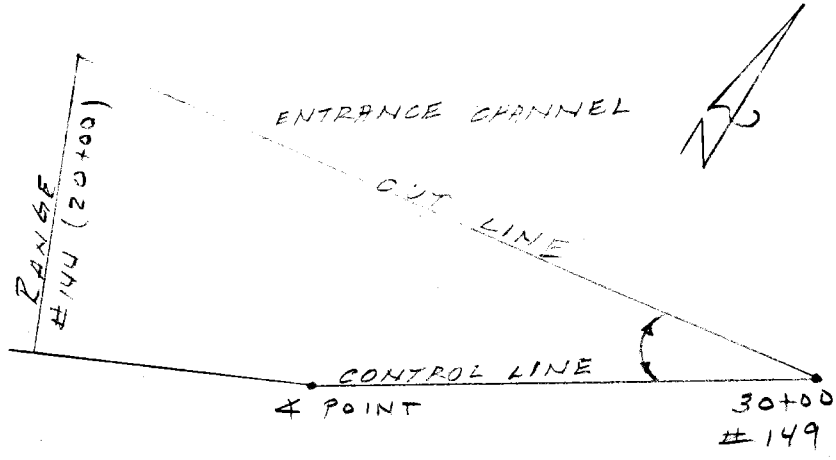
X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____

Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 79

Survey of HYDRO SURVEY M.D.R.

Survey by Richards Notes Don Date 4-9-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

Inst. At Don't Punch	Sight On Don't Punch	Time Don't Punch	Angle No Don't Punch	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Deg.	For Office Use Only Line Min.	For Office Use Only Card No
30+00	20+00	1:32	1	45	49			
			2	45	34			
			3	45	08			
			4	44	03			
			5	43	21			
			6	41	30			
			7	40	06			
			8	38	27			
			9	36	39			
			10	33	13			
			11	30	00			
			12	26	08			
			13	22	44			
			14	18	26			
			15	13	15			
			16	9	25			
			17	7	32			
			18	5	59			
		1:36	19	4	43			

76L298 307 Cdb 12-62

F. B. 2817 PG. 180 | Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____

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

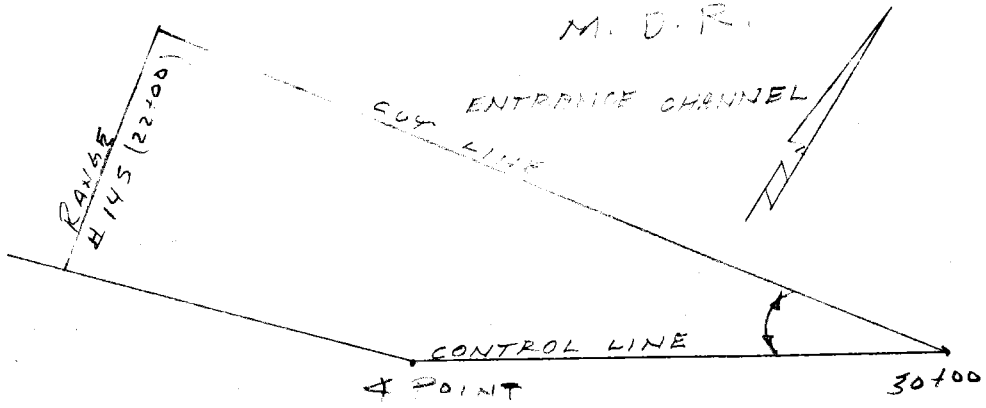
Job No. 0300.02 Division No. 11

Survey of HYDRO. SURVEY M.D.R.

Survey by [illegible] Notes DON Date 4-9-69

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

F. B. 3817 PG. 181



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
30+00	22+80	1:45	1	52	25			
			2	51	52			
			3	51	10			
			4	49	37			
			5	48	25			
			6	46	54			
			7	45	09			
			8	43	19			
			9	40	50			
			10	37	19			
			11	31	10			
			12	24	00			
			13	16	16			
			14	9	49			
			15	7	38			
		1:50	16	5	36			

76L298 307 Cdb 12-62

F. B. 2817 PG. 182 | Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

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

Indexed Date Date Date No.

76L298 307 Cdb 12-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	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					

76L298 307 Cdb 12-62

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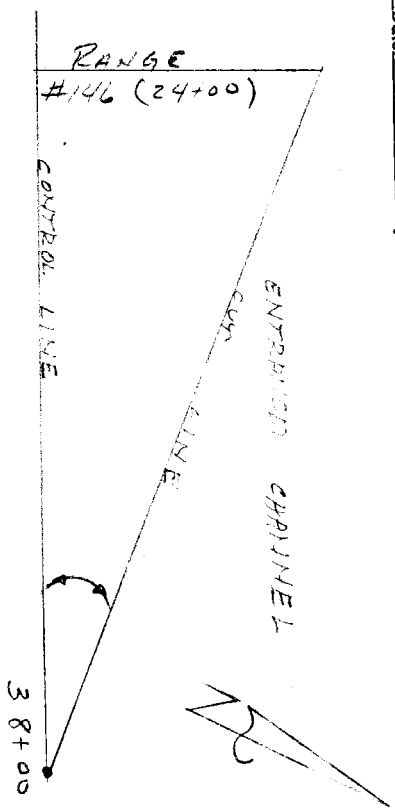
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
38+00	24+00	2:11	1	34	34			
			2	34	16			
			3	33	04			
			4	32	09			
			5	30	10			
			6	28	04			
			7	23	38			
			8	19	35			
			9	15	54			
			10	13	32			
			11	10	18			
			12	8	01			
			13	5	30			
			14	4	00			
		2:19	15	2	53			



Profile Notes Red.____ Plotted____ Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 103

No.____ Date____ Date____ Survey of HYDRO. SURVEY M.D.R.

X-Sec. Notes Chkd.____ Checked____ Survey by [illegible] Notes [illegible] Date 4-9-69

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

F. B. 2817 PG. 184

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

Survey of HYDROGRAPHIC SURVEYS ______ Date ______ Date ______ No. ______

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

Indexed ______ Date ______ Date ______ Date ______ No. ______

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

Do not extend notes this side of this line.

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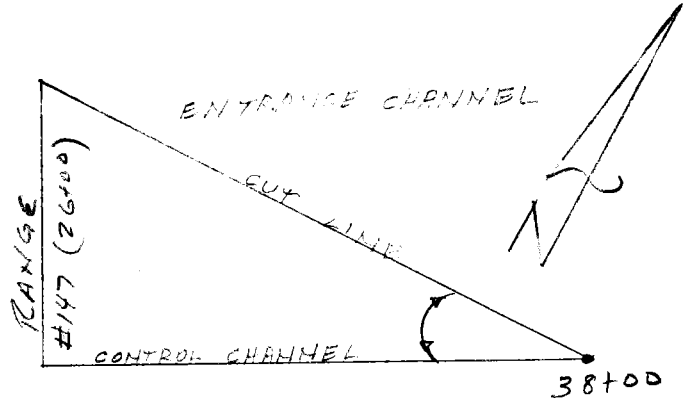
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L298 307 Cdb 12-62

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.02 Division No. 11 | F. B. 2817 Pg. 185

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of HYDRO. SURVEY M.D.R. Survey by [illegible] Notes DON Date 4-9-69 Map No. _____ Indexed C. J. GALLI Date _____



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
38+00	26+00	2.27	1	38	47			
			2	38	09			
			3	37	09			
			4	36	01			
			5	34	42			
			6	33	06			
			7	30	06			
			8	25	32			
			9	19	50			
			10	12	19			
			11	7	26			
			12	4	46			
		2:31	13	2	56			

76L298 307 Cdb 12-62

F. B. 2817 PG. 186

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

Survey of HYDROGRAPHIC SURVEYS ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

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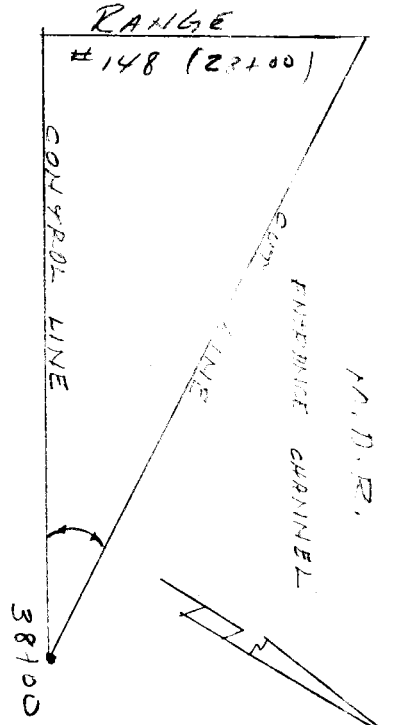
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH			DEG.	MIN.	
38+00	28+00	2:39	1	43	54			
			2	43	13			
			3	41	54			
			4	40	46			
			5	38	14			
			6	35	08			
			7	31	47			
			8	25	49			
			9	21	10			
			10	13	30			
			11	7	51			
			12	5	33			
		2:43	13	3	03			



Profile No.____ Notes Red.____ Plotted____ Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 187

X-Sec. No.____ Date____ Notes Chkd.____ Date____ Checked____ Date____ Survey of HYDRO. SURVEY M.D.R. Survey by RICHARDS Notes DAN Date 4-9-69 Map No.____ Indexed C. J. COLLS Date____

F. B. 2817 Pg. 188 | 0300.02 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Inst. At	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					

Notes Ck'd by	Survey of M.D.R.
Map No.	JN 030002 Tape — Std — °F
Office Work	Surveyed by RICHARDS
Checked	Notes J.J.B. Date 4-9-69
Date	Indexed C.J. GALLI MAY 16 '69

F.B. 2817 PG. 189

TIDE GAUGE READINGS
APRIL 9, 1969 (WED.)
DATUM = M.L.L.W.
GAUGE TIME = P.S.T.

TIME		TIDE
8:00	A.M.	+0.2
8:30		-0.1
9:00		-0.3
9:30		-0.4
10:00		-0.6
10:30		-0.4
11:00		-0.2
11:30		0.0
12:00		+0.1
12:30		0.6
13:00		0.9
13:30		1.2
14:00		1.5
14:30		1.9
15:00		2.4

NOTE: TIDE STATION IS LOCATED AT COAST GAURD DOCK IN THE MARINA DEL REY HARBOR. & IS A COAST & GEODETIC GAUGE.

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.
76F3098 CE#310 9-67

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

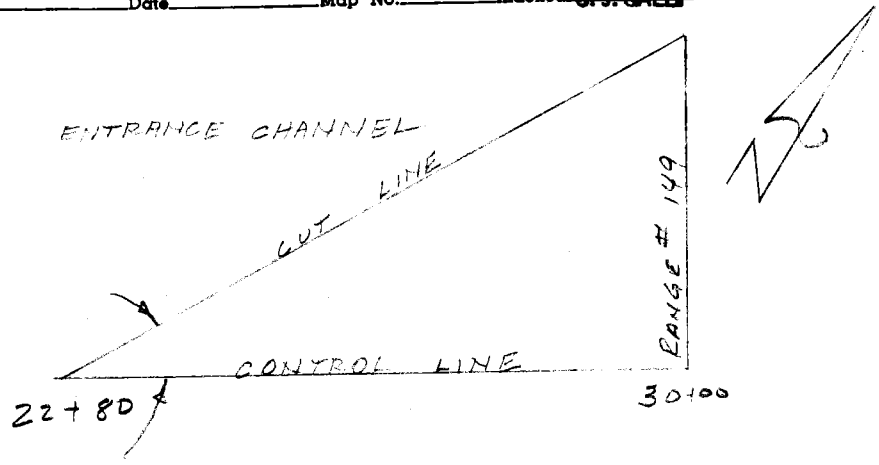
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

FB 2817 Pg 190

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 191

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of HYDRO SURVEY M.D.8 Survey by [illegible] Notes DON Date 4-10-69 Map No. _____ Indexed ~~C. J. GALLI~~ Date _____



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
22+80	30+00	10:14	1	311	16			
			2	311	59			
			3	313	11			
			4	314	01			
			5	315	24			
			6	317	50			
			7	320	27			
			8	325	44			
			9	335	22			
			10	340	34			
			11	345	41			
			12	349	27			
			13	352	13			
		10:18	14	355	23			

76L298 307 Cdb 12-62

F. B. 2817 Pg. 192 Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

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

Indexed Date Date Date Date No.

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

Do not extend notes this side of this line.

761298 307 Cdb 12-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

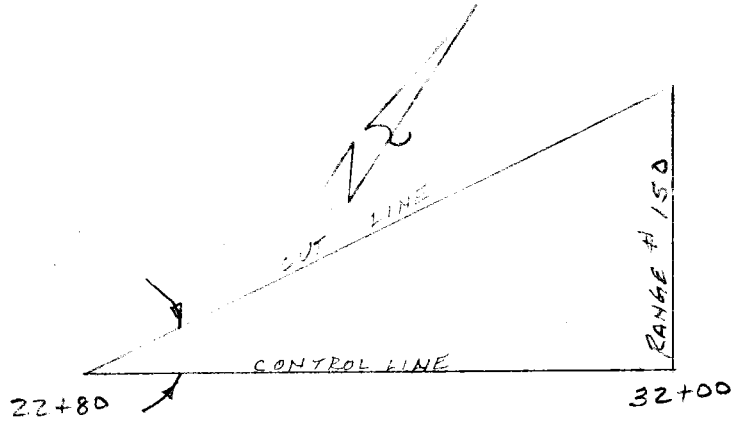
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 | F. B. 2817 Pg. 193

X-Sec. No. _____ Date _____ Date _____ Survey of HYDRO. SURVEY M.D.R.

Notes Chkd. _____ Checked _____ Survey by Richards Notes [illegible] Date 4-10-60

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

725 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
22+80	32+00	10:26	1	318	03			
			2	318	30			
			3	319	34			
			4	320	43			
			5	321	41			
			6	323	55			
			7	326	28			
			8	330	53			
			9	336	00			
			10	339	42			
			11	343	58			
			12	348	52			
			13	352	05			
			14	354	01			
			15	355	45			
		10:30	16	356	34			

76L298 307 Cdb 12-62

F. B. 2817 PG. 194 Job No. 0300.02 Division No. 11 Notes Red. ______ Plotted ______ Profile

Survey of HYDROGRAPHIC SURVEYS ______ Date ______ Date ______ No. ______

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

Indexed ______ Date ______ Date ______ Date ______ No. ______

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

Do not extend notes this side of this line.

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

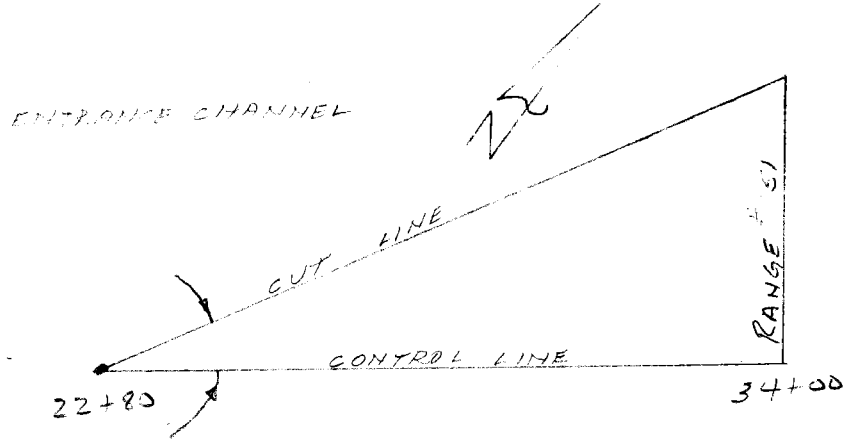
76L298 307 Cdb 12-62

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300-02 Division No. 11 | F. B. 2817 Pg. 19

Date _____ Date _____ Survey of HYDRO. SURVEY M.D.R.

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by [illegible] Notes DON Date 4-10-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
22+80	34+00	10:36	1	324	01			
			2	324	42			
			3	325	39			
			4	326	30			
			5	327	40			
			6	328	58			
			7	330	24			
			8	332	03			
			9	334	02			
			10	339	20			
			11	345	43			
			12	350	56			
			13	354	24			
			14	355	59			
		10:40	15	357	25			

76L298 307 Cdb 12-62

F. B. 2817 PG. 196 | Job No. 030002 Division No. 11 Notes Red. ______ Plotted ______ Profile

Survey of HYDROGRAPHIC SURVEYS ______ Date ______ Date ______ No. ______

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

Indexed ______ Date ______ Date ______ Date ______ No. ______

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

Do not extend notes this side of this line.

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

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 Gdb 12-62

76L298 307 Cdb 12-62

PLEASE RETURN TO

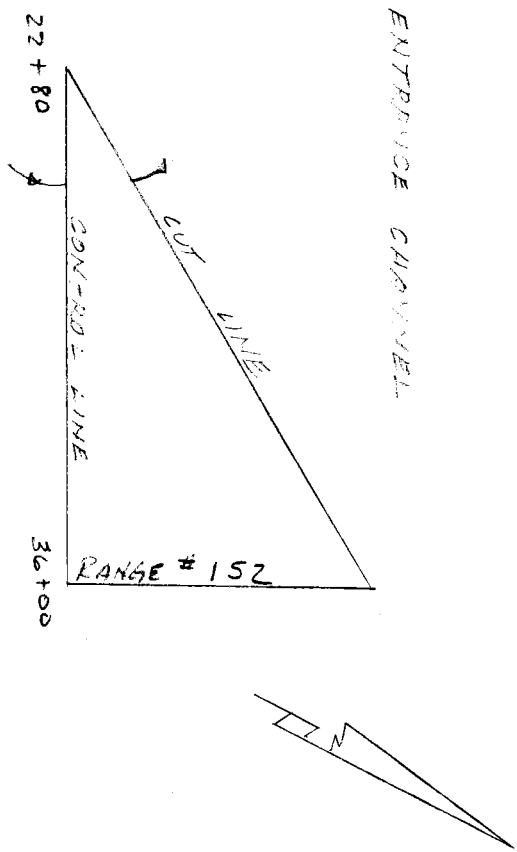
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
22+80	36+00	10:40	1	327	52			
			2	328	12			
			3	328	45			
			4	329	35			
			5	330	35			
			6	331	53			
			7	333	48			
			8	335	46			
			9	338	26			
			10	341	26			
			11	344	19			
			12	348	01			
			13	350	49			
			14	353	15			
			15	355	25			
			16	356	44			
		10:51	17	357	38			



ENTRANCE CHANNEL

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

No. Date Date Survey of HYDRO SURVEY Pg.

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

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

F. B. 2817 Pg. 198 | Job No. 030002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

761298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

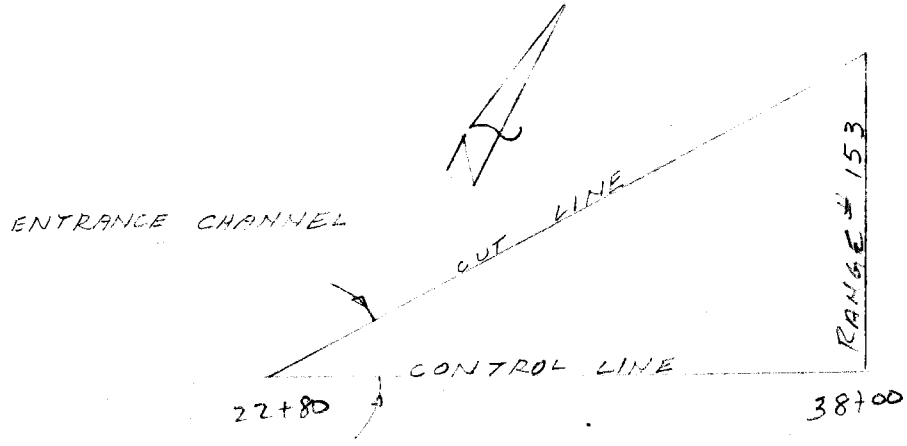
Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	For Office Use Only Range Line Min.	For Office Use Only Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.02 Division No. _____ F. B. 2817 Pg. 199

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of HYDRO. SURVEY M.D.C.

Survey by R. CHARLES Notes DON Date 4-15-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
22+80	38+00	10:58	1	330	10			
			2	330	31			
			3	331	11			
			4	332	25			
			5	334	25			
			6	336	14			
			7	340	02			
			8	343	17			
			9	346	52			
			10	351	54			
			11	354	38			
			12	356	16			
			13	357	11			
		11:02	14	358	02			

76L298 307 Cdb 12-62

F. B. 2817 PG. 200 | Job No. 030002 Division No. 11 Notes Red. ______ Plotted ______ Profile

Survey of HYDROGRAPHIC SURVEYS ______ Date ______ Date ______ No. ______

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

Indexed ______ Date ______ Date ______ Date ______ No. ______

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

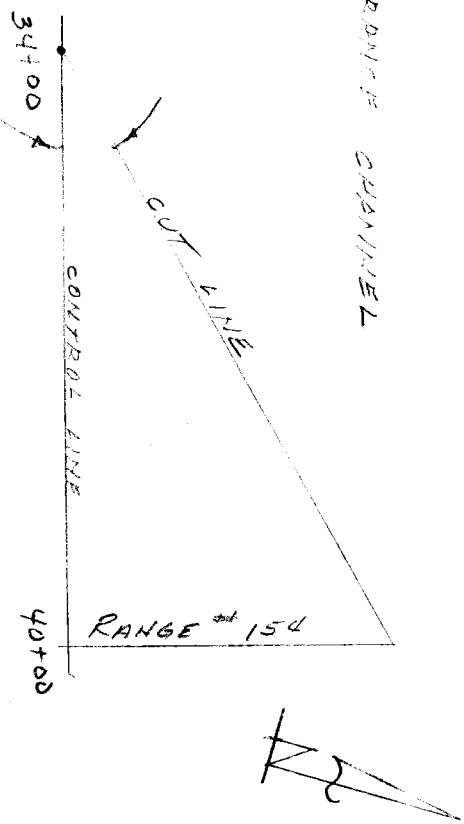
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
34+00	40+00	11:18	1	304	26			
			2	304	48			
			3	305	36			
			4	306	42			
			5	308	22			
			6	310	03			
			7	313	08			
			8	317	33			
			9	321	39			
			10	326	49			
			11	330	55			
			12	336	56			
			13	347	50			
			14	351	38			
		11:22	15	354	57			



Profile Notes Red.____ Plotted____ Job No.____ Division No. 11 F. B. 2817 Pg. 201

No.____ Date____ Date____ Survey of HYDRO SURVEY

X-Sec. Notes Chkd.____ Checked____ Survey by____ Notes DON Date 2-15-69

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

F. B. 2817 PG. 202 | Job No. 030002 Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

Do not extend notes this side of this line.

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

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

76L298 307 Cdb 12-62

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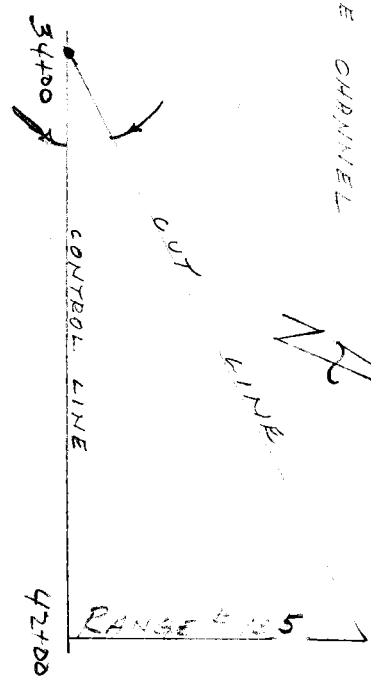
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
34+00	42+00	11:30	1	309	14			
			2	309	44			
			3	310	20			
			4	311	44			
			5	313	40			
			6	315	47			
			7	318	33			
			8	323	01			
			9	328	33			
			10	335	23			
			11	341	27			
			12	349	49			
			13	353	37			
		11:35	14	356	14			



Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 8 Pg. 203

No. ____ Date ____ Date ____ Survey of HYDRO. SURVEY M.D.R.

X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes DON Date 4-18-69

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

F. B. 2817 Pg. 204 | Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

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

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

76L298 307 Cdb 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.

76L298 307 Cdb 12-62

PLEASE RETURN TO

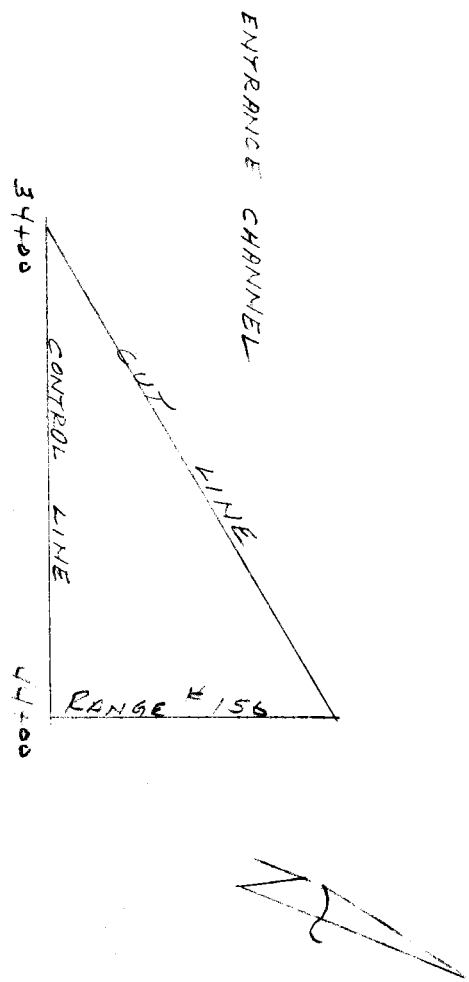
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Min.	Card No
Don't Punch	Don't Punch	Don't Punch	Don't Punch					
34+00	44+00	11:48	1	311	59			
			2	312	32			
			3	313	27			
			4	314	07			
			5	314	46			
			6	315	46			
			7	318	20			
			8	322	29			
			9	326	02			
			10	330	05			
			11	333	15			
			12	338	29			
			13	343	32			
			14	348	13			
			15	352	48			
			16	354	42			
		11:54	17	356	56			



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

Notes Red ____ Date ____ Notes Chkd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 0300.02 Division No. 11 Survey of HYDRO, SYMPAY MRD. Survey by ____ Notes ____ Date 4-10-64

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

F. B. ____ Pg. ____

F. B. 2817 PG. 206 | Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

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

Indexed Date Date Date No.

76L298 307 Cdb 12-62

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LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	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

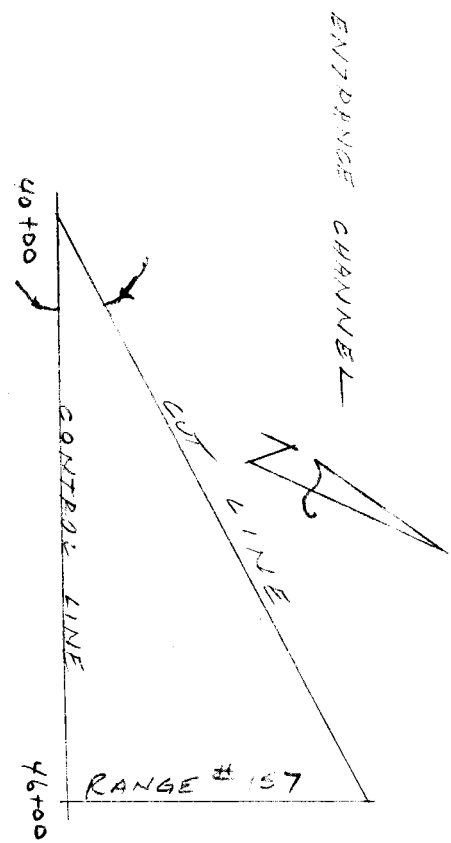
LOS ANGELES COUNTY SURVEYOR

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.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
40+00	46+00	1:23	1	296	11			
			2	296	19			
			3	296	39			
			4	297	18			
			5	297	48			
			6	298	08			
			7	299	10			
			8	299	59			
			9	301	03			
			10	302	34			
			11	304	48			
			12	307	04			
			13	308	47			
			14	311	55			
			15	315	04			
			16	319	59			
			17	325	10			
			18	330	56			
			19	341	07			
			20	348	35			



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

No.____ Date____ Date____ Survey of HYDRO. SURVEY M.D.R.

X-Sec. Notes Chkd.____ Checked____ Survey by ____ Notes____ Date 4-10-69

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

76L298 307 Cdb 12-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	RANGE LINE MIN.	CARD Nº.
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
			21	352	37			
		1:32	22	354	46			

F. B. 2817 PG. 208 Job No. 030002 Division No. 11 Notes Red. Plotted Profile

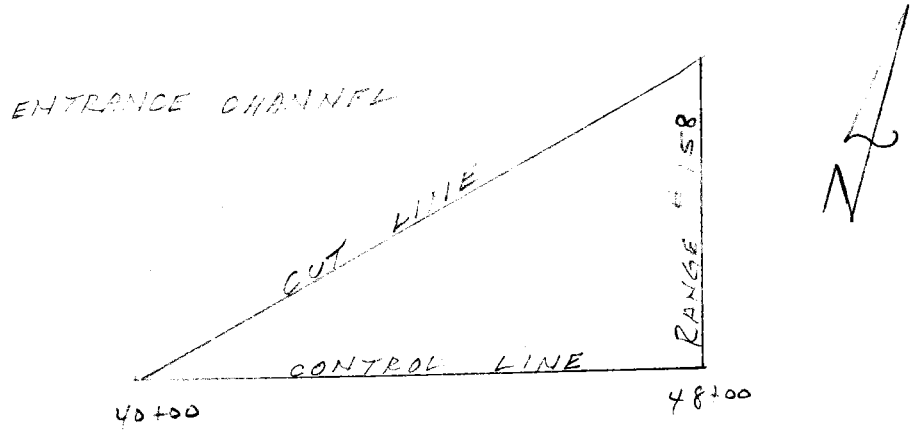
Survey of SAME Date Date No.

Survey by Notes Chkd. Checked X-Sec.

Indexed Date Date No.

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.2 Division No. 11 | F. B. 287 Pg. 207

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of HYDRO. SURVEY M.D.R. Survey by [illegible] Notes [illegible] Date [illegible]-69 Map No. _____ Indexed C. J. GALLI Date _____



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
40+00	48+00	1:47	1	299	08			
			2	299	35			
			3	300	13			
			4	300	52			
			5	302	04			
			6	303	55			
			7	306	29			
			8	308	42			
			9	310	27			
			10	313	21			
			11	316	24			
			12	321	20			
			13	327	14			
			14	331	53			
			15	339	14			
			16	345	06			
			17	349	28			
			18	351	38			
		1:53	19	353	49			

76L298 307 Cdb 12-62

F. B. 2817 Pg. 210 Job No. 030002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

76L298 307 Cdb 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.

76L298 307 Cdb 12-62

PLEASE RETURN TO

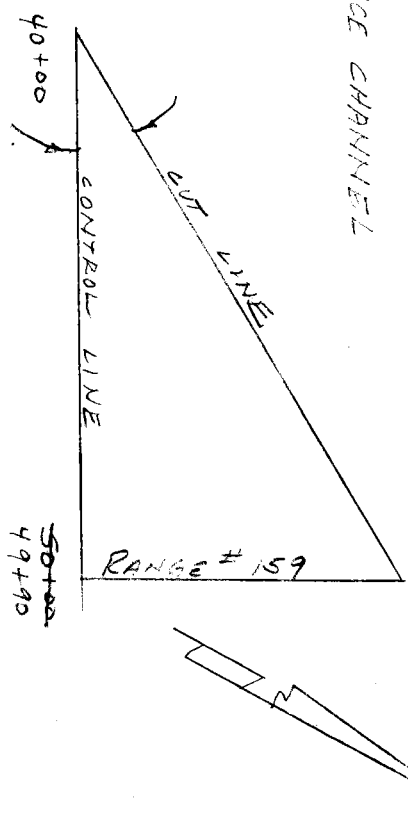
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
40+00	49+90	2:08	1	308	56			
			2	309	53			
			3	312	04			
			4	314	15			
			5	316	54			
			6	321	26			
			7	324	01			
			8	329	21			
			9	333	45			
			10	338	39			
			11	341	42			
			12	344	19			
			13	346	17			
			14	347	55			
		2:12	15	349	46			



Profile No.____ Notes Red.____ Plotted____ Job No. 2300.02 Division No. 11 F. B. 2-11 Pg.

X-Sec. No.____ Date____ Date____ Survey of HYDRO, SURVEY M.L.E.

Notes Chkd.____ Checked____ Survey by [illegible] Notes [illegible] Date 3-63

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

F. B. 2817 PG. 212 | Job No. 0300.02 Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

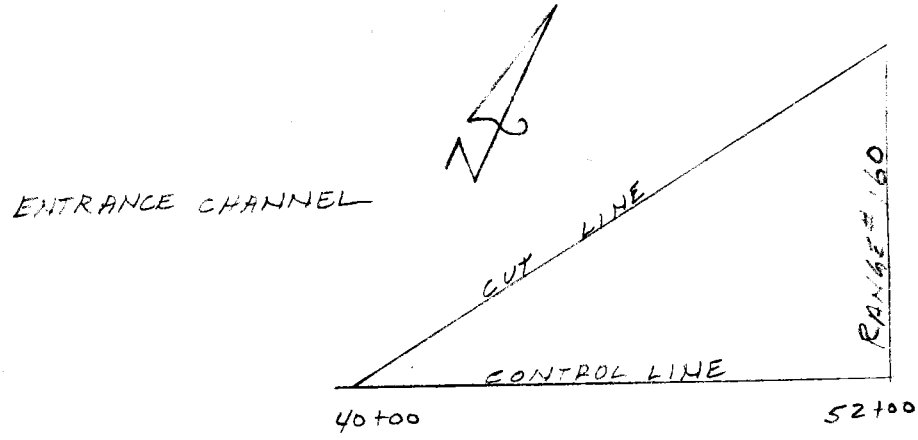
76L298 307 Cdb 12-62

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.07 Division No. 11 | F. B. 2817 Pg. 213

Date _____ Date _____ Survey of HYDRO. SURVEY M.D.R.

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by [illegible] Notes DON Date 4-10-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
40+00	52+00	2:24	1	321	54			
			2	322	56			
			3	325	36			
			4	327	33			
			5	330	05			
			6	331	55			
			7	334	22			
			8	336	17			
			9	337	19			
		2:26	10	338	26			

76L298 307 Cdb 12-62

F. B. 2817 Pg. 214 | Job No. 030002 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	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					

Notes Ck'd by	Survey of M.D.R.
Map No.	JN 130002 Tape — Std — °F
Office Work	Surveyed by RICHARDS
Checked	Notes J. J. B. Date 4-10-69
Date	Indexed C. J. GALLI NOV 16 '69

F.B. 2817 Pg. 215

TIDE GAUGE READINGS
APRIL 10, 1969 (THURS.)
DATUM = M.L.L.W.
GAUGE TIME = P.S.T.

TIME	TIDE
8:00 A.M.	+1.3
8:30	0.8
9:00	0.3
9:30	0.0
10:00	-0.4
10:30	-0.5
11:00	-0.6
11:30	-0.5
12:00	-0.4
12:30	-0.2
13:00	0.0
13:50	+0.4
14:00	0.9
14:30	1.5
15:00	2.0

NOTE: TIDE STATION IS LOCATED AT THE COAST GAURD DOCK IN THE MARINA DEL REY BOAT HARBOR. & IS A COAST & GEODETIC GAUGE.

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.
75F3098 CE# 310 9-67

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

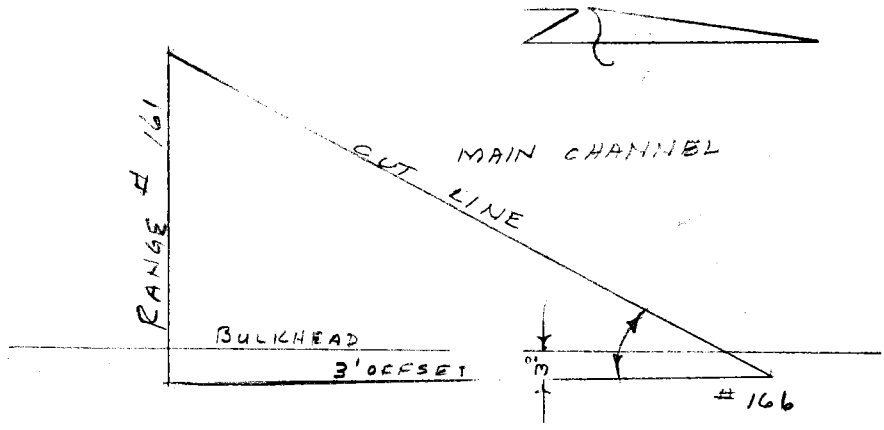
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

F.B. 2817 Pg 216

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0200.03 Division No. 11 | F. B. 2817 Pg. 217

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of HYDRO. SURVEY M.D.R. Survey by [illegible] Notes [illegible] Date 4-11-69 Map No. _____ Indexed C. J. GALLI Date _____



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
#166	#161	11:03	1	45	43			
			2	45	13			
			3	44	16			
			4	42	49			
			5					
			6	38	16			
			7	34	45			
			8	32	02			
			9	26	57			
			10	22	06			
			11	18	22			
			12	14	39			
			13	10	59			
			14	07	52			
			15	HERE ON ARE MEASURED				
		11:07	1	WITH TAPE				

76L298 307 Cdb 12-62

F. B. 2817 PG. 218 | Job No. 0300.02 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

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

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

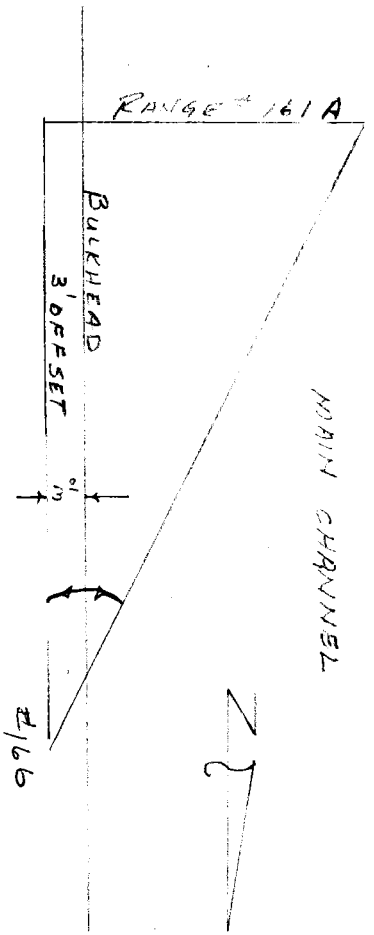
LOS ANGELES COUNTY SURVEYOR

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 №	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range	Line	Card №
Don't Punch	Don't Punch	Don't Punch	Don't Punch			Deg.	Min.	
#166	#161A	11:19	1	46	52			
			2	45	58			
			3	44	51			
			4	43	32			
			5	41	41			
			6	39	21			
			7	36	15			
			8	33	17			
			9	29	55			
			10	26	46			
			11	22	31			
			12	18	41			
			13	14	15			
			14	10	11			
			15	7	20			
			16	5	07			
			17	3	01			
			18	SEE TAPE				
		11:24	19					



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

No. Date Date Survey of HYDRO. SURVEY

X-Sec. Notes Chkd. Checked Survey by Notes Date 4-11-69

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

F. B. Pg.

F. B. 2817 Pg. 220 | 030002 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

Survey by RICHARDS Notes W.A.R. 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.

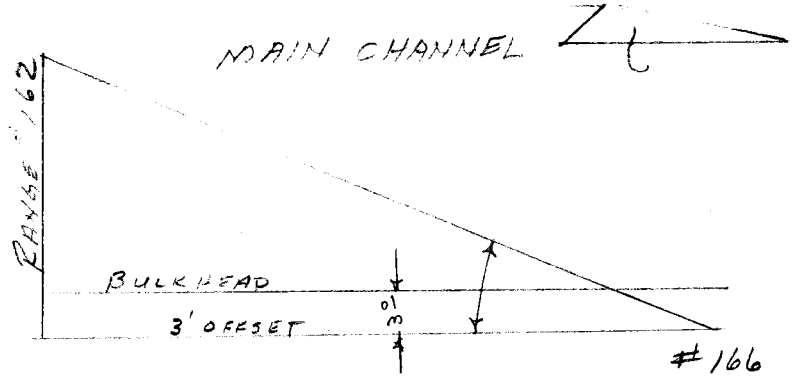
76L298 307 Cdb 12-62

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 221

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of HYDRO. SURVEY M.D.R.

Survey by RICHARDS Notes DON Date 4-11-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
166	162	11:38	1	51	44			
			2	50	53			
			3	49	36			
			4	47	55			
			5	45	48			
			6	43	02			
			7	39	57			
			8	35	59			
			9	31	38			
			10	25	31			
			11	19	14			
			12	13	03			
			13	7	44			
		11:45						

76L298 307 Cdb 12-62

F. B. 2817 Pg. 222 | 0300,02

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

Survey of HYDROGRAPHIC SURVEYS Date Date No.

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

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

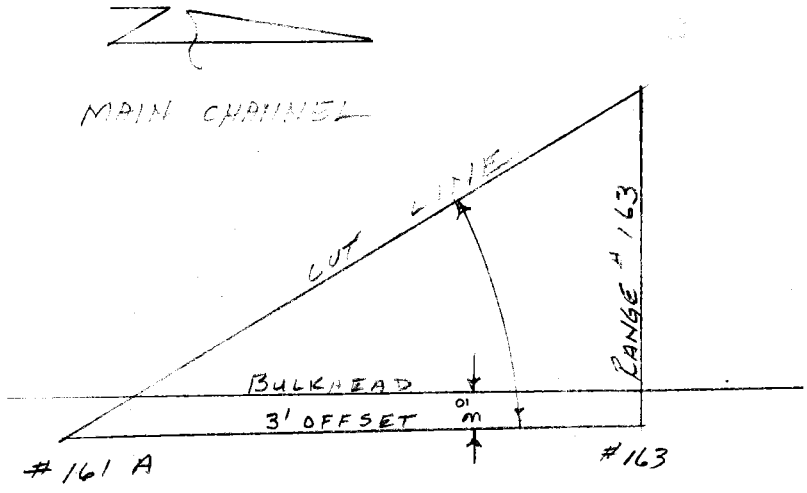
76L298 307 Gdb 12-62

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.02 Division No. 11 | F. B. 2817 Pg. 223

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of HYDRO SURVEY M.P.R.

Survey by RICHARDS Notes PON Date 4-11-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
#161A	#163	2:12	1	288	41			
			2	289	23			
			3	289	30			
			4	291	17			
			5	294	29			
			6	299	31			
			7	303	46			
			8	310	55			
			9	320	37			
			10	335	26			
			11	346	33			
		2:16	12	352	56			
			~~13~~					

76L298 307 Cdb 12-62

F. B. 2817 Pg. 224 | 030002 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

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

Indexed Date Date Date Date No.

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

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.

761298 307 Gdb 12-62

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

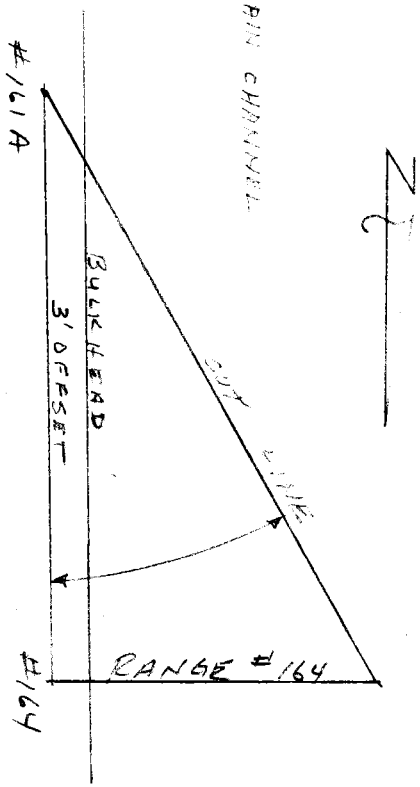
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE	LINE	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH			DEG.	MIN.	
#161A	#164	2:27	1	300	24			
			2	301	20			
			3	302	36			
			4	305	48			
			5	308	59			
			6	314	55			
			7	319	18			
			8	331	01			
			9	339	43			
			10	350	13			
			11	353	18			
			12	357	25			
		2:30	13	358	49			

TIDE = + 0.7 to 0.8



N

Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 225

No. Date Date Survey of HYDRO. SURVEY M.D.P.

X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes DON Date 4-11-69

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

F. B. 2817 PG 226 | Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

761298 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.

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____

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

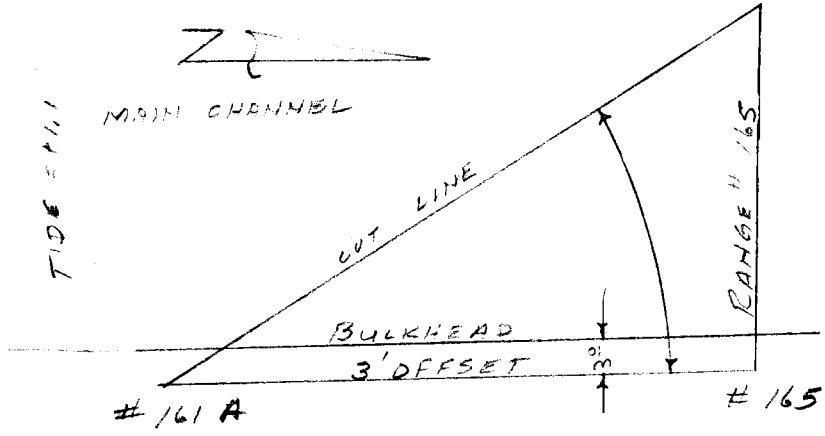
Job No. 0300.02 Division No. 11

Survey of HYDRO. SURVEY M.D.R.

Survey by RICHARDS Notes DON Date 4.11.69

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

F. B. 2817 Pg. [illegible]



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
#161 A	#165	2:37	1	309	20			
			2	310	35			
			3	311	51			
			4	314	56			
			5	319	12			
			6	324	34			
			7	332	07			
			8	340	58			
			9	347	10			
			10	353	09			
			11	355	59			
		2:40	12	358	01			

76L298 307 Cdb 12-62

F. B. 2817 PG. 228 | 030002

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

Survey by RICHARDS Notes _____ Notes Chkd. _____ Checked _____

Indexed _____ Date _____ Date _____ Date _____ No. _____

Profile

X-Sec.

76L298 307 Cdb 12-62

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LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

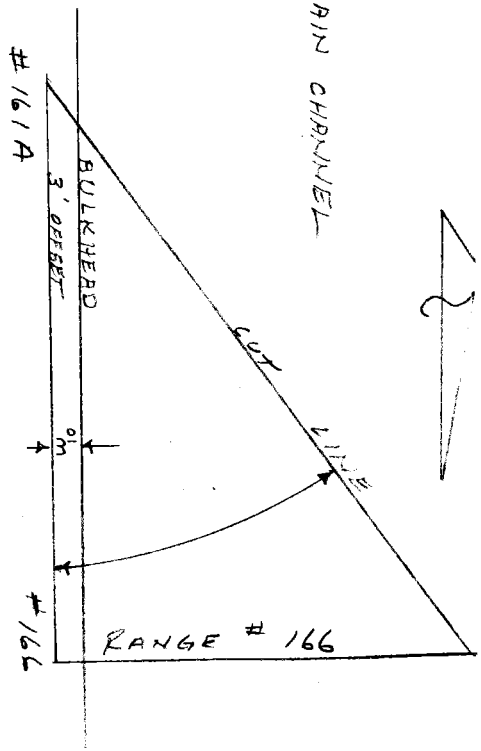
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	FOR OFFICE USE ONLY LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
#161A	#166	11:16	1	313	02			
			2	314	54			
			3	317	53			
			4	322	03			
			5	327	33			
			6	335	03			
			7	344	31			
			8	350	47			
		11:19	9	354	18			



Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 22

Date ____ Date ____ Survey of HYDRO SURVEY M.D.R.

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by RICHARD Notes DON Date 4-14-69

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

F. B. 2817 PG. 230 | 030002 Job No. ______ Division No. 11 ______ Notes Red. ______ Plotted ______ Profile

Survey of HYDROGRAPHIC SURVEYS ______ Date ______ Date ______ No. ______

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

Indexed ______ Date ______ Date ______ Date ______ No. ______

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

Do not extend notes this side of this line.

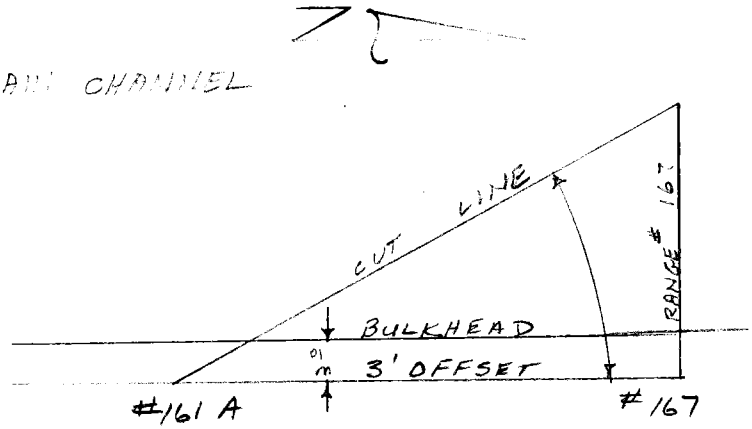
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.02 Division No. 11 F. B. 2817 Pg. [illegible]

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of HYDRO. SURVEY M.D.R. Survey by RICHARDS Notes DON Date 4-14-69 Map No. _____ Indexed C. J. GALLI Date _____



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
#161 A	#167	11:33	1	320	55			
			2	322	12			
			3	326	58			
			4	332	21			
			5	336	16			
			6	340	11			
			7	345	05			
			8	350	06			
			9	355	22			
		11:36	10	359	29			

76L298 307 Cdb 12-62

F. B. 2817 PG 232 | Job No. 030002 Division No. 11 Notes Red. ______ Plotted ______ Profile

Survey of HYDROGRAPHIC SURVEYS ______ Date ______ Date ______ No. ______

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

Indexed ______ Date ______ Date ______ Date ______ No. ______

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

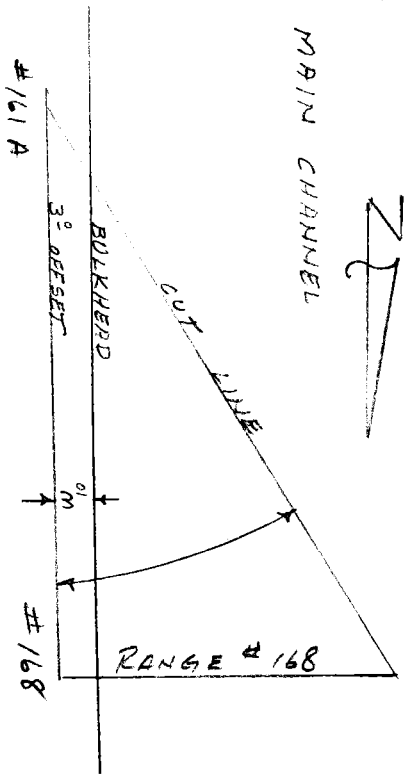
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
#161 A	#168	11:49	1	325	01			
			2	326	06			
			3	329	41			
			4	334	00			
			5	337	42			
			6	341	25			
			7	344	60			
			8	348	42			
			9	353	39			
			10	358	52			
		11:52	11	359	36			



Profile Notes Red.____ Plotted____ Job No. 0300.02 Division No. 11 F. B. 28817 Pg. 233

No.____ Date____ Date____ Survey of HYDRO. SURVEY M.D.R.

X-Sec. Notes Chkd.____ Checked____ Survey by [illegible] Notes [illegible] Date 4-14-69

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

F. B. 2817 Pg. 234 | 0300.02 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

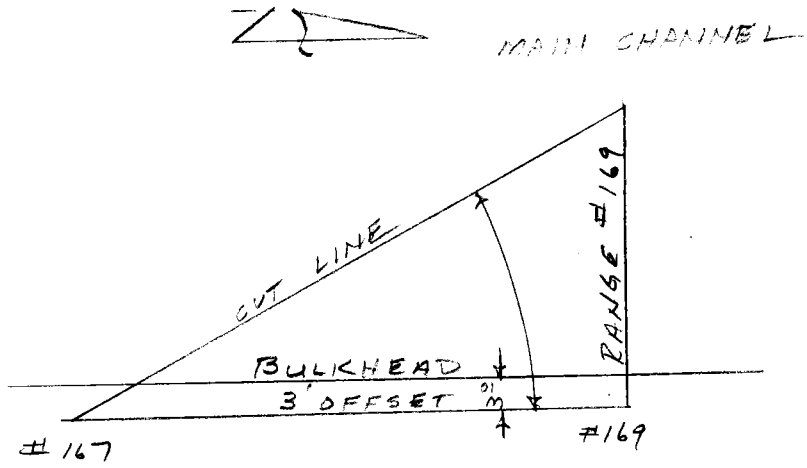
F. B. 2817 Pg. [illegible]

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

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of HYDRO. SURVEY M.D.R.

Survey by RICHARDS Notes DON Date 4-14-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
#167	#169	1:31	1	291	27			
			2	292	03			
			3	294	44			
			4	298	31			
			5	303	59			
			6	312	17			
			7	319	34			
			8	330	59			
			9	342	03			
			10	354	09			
		1:35	11	358	06			

76L298 307 Cdb 12-62

F. B. 2817 PG. 236 | 0300.02

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

Do not extend notes this side of this line.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

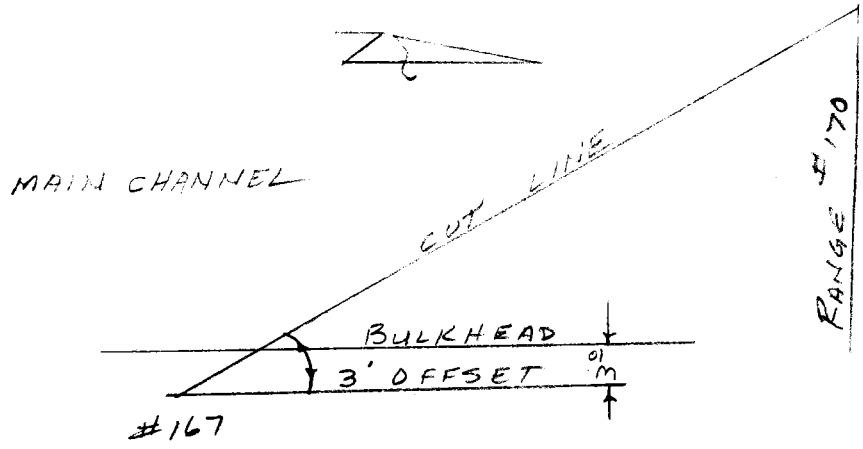
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 227

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of HYDRO SURVEY M.D.R. Survey by RICHARDS Notes DON Date 4-15-69 Map No. _____ Indexed C. J. GALLI Date _____



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
#167	#169	10:33	1	2	52			
NOTE: K SE TRANSIT USED AS CUT GUN.			2	11	46			
			3	18	40			
			4	25	20			
			5	34	40			
			6	42	28			
			7	50	15			
			8	55	21			
			9	58	06			
		10:37	10	58	56			

76L298 307 Cdb 12-62

F. B. 2817 Pg. 238 | 030002 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

Do not extend notes this side of this line.

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.

76L298 307 Cdb 12-62

PLEASE RETURN TO

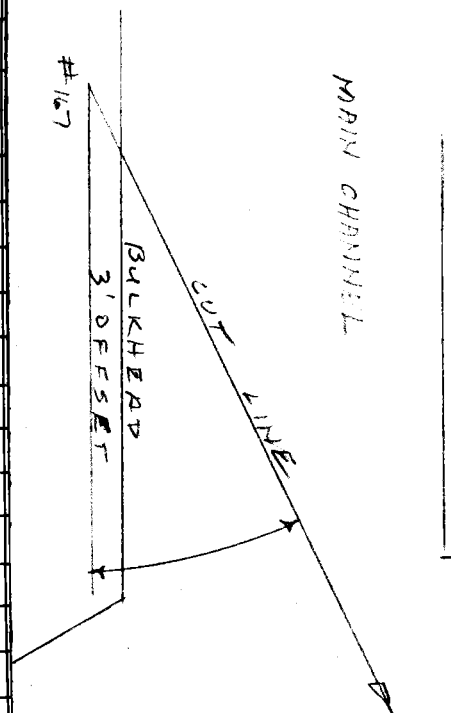
LOS ANGELES COUNTY SURVEYOR

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	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH			DEG.	MIN.	
#167	#169	1:54	1	356	38			
			2	350	20			
			3	342	51			
			4	335	56			
			5	328	33			
			6	323	11			
			7	317	02			
			8	313	25			
			9	309	37			
			10	307	00			
			11	304	40			
		1:59	12	302	55			



RANGE ± 170 A

℄ BASIN "B"

Profile Notes Red. Plotted Job No. 8300.02 Division No. 11 F. B. 2817

No. Date Date Survey of HYDRO SURVEY M.P.R. Pg.

X-Sec. Notes Chkd. Checked Survey by Notes Date 4-14-69

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

F. B. 2817 PG. 240 | Job No. 0300,02 Division No. 11 Notes Red.____ Plotted____ Profile

Survey of HYDROGRAPHIC SURVEYS Date____ Date____ No.____

Survey by RICHARDS Notes____ Notes Chkd.____ Checked____ X-Sec.

Indexed____ Date____ Date____ Date____ No.____

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

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____

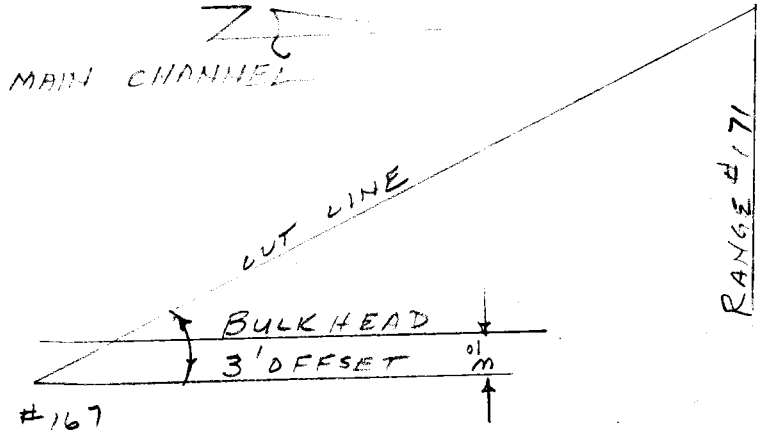
X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____

Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 241

Survey of HYDRO, SURVEY M.D.R.

Survey by RICHARDS Notes DON Date 4-15-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
#167	#169	10:42	1	3	02			
NOTE: K.&E. TRANSIT USED AS CUT GUN			2	12	02			
			3	19	59			
			4	26	57			
			5	36	13			
			6	43	33			
			7	49	06			
			8	51	09			
		10:46	9	52	53			

76L298 307 Cdb 12-62

F. B. 2817 PG. 242 Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

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

Indexed Date Date Date No.

76L298 307 Cdb 12-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

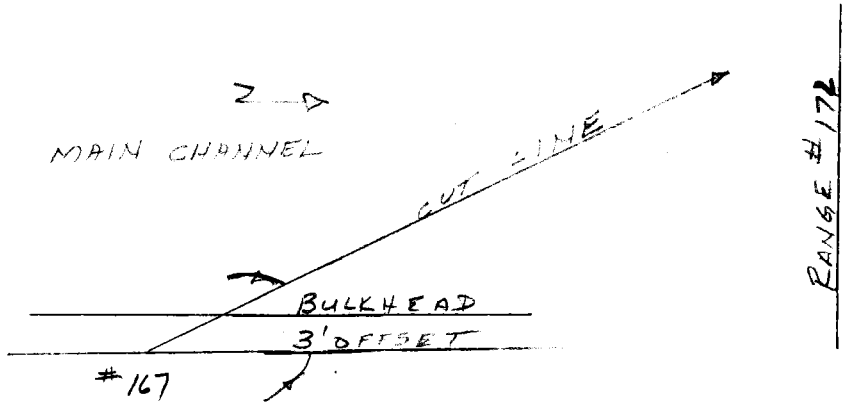
Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 | F. B. 2817 Pg. 293

X-Sec. No. _____ Date _____ Date _____ Survey of HYDRO. SURVEY M.D.R.

Notes Chkd. _____ Checked _____ Survey by [illegible] Notes DON Date 4-14-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
#167	#169	2:17	1	358	26			
			2	355	56			
			3	350	04			
			4	345	05			
			5	339	32			
			6	335	08			
			7	331	23			
			8	327	30			
			9	322	59			
			10	320	06			
			11	317	59			
		2:22	12	316	11			

76L298 307 Cdb 12-62

F. B. 2817 Pg. 244 | Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

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

Indexed Date Date Date No.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

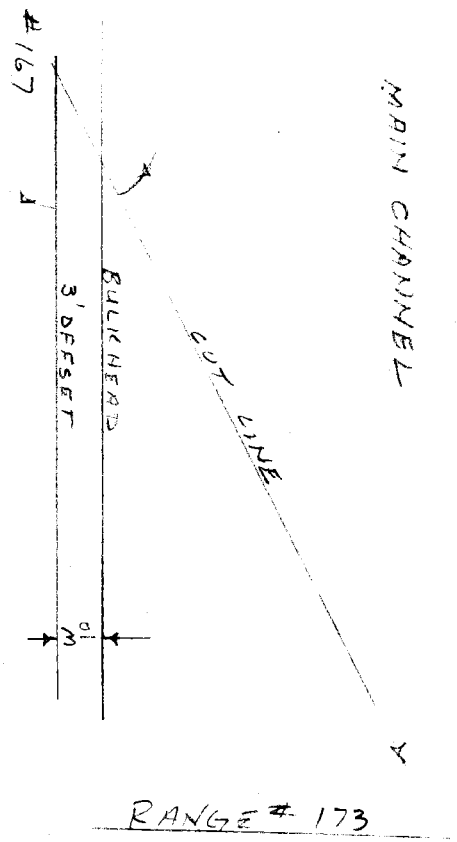
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
#167	#169	2:43	1	321	13			
			2	32[illegible]	51			
			3	323	46			
			4	328	24			
			5	332	50			
			6	339	45			
			7	344	55			
			8	351	26			
			9	356	01			
			10	358	22			
		2:46	11	359	40			



Profile Notes Red. Plotted Job No. 2300.02 Division No. 11 F. B. 2817 Pg.

No. Date Date Survey of HYDRO. SURVEY M.D.R.

X-Sec. Notes Chkd. Checked Survey by BUCHANAN Notes DRN Date 4-14-69

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

F. B. 2817 Pg. 246 | 0300.02 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

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

Indexed Date Date Date No.

76L298 307 Cdb 12-62

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____

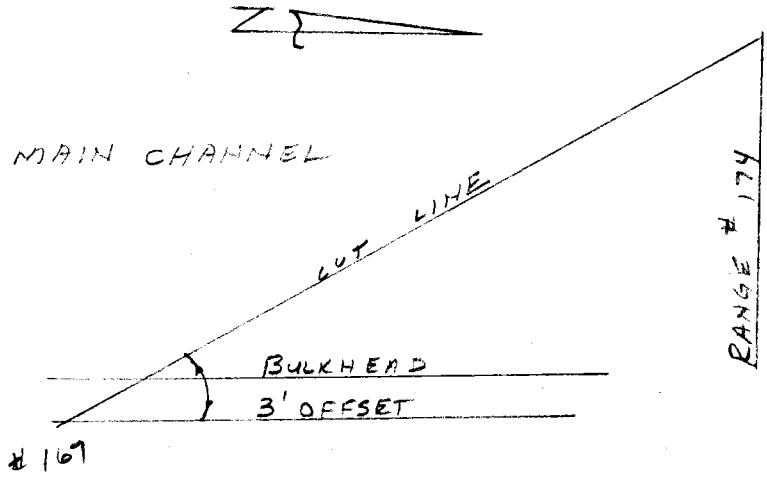
X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____

Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 247

Survey of HYDRO. SURVEY M.D.R.

Survey by RICHARDS Notes DON Date 11-15-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
#167	#169	10:54	1	0	28			
			2	1	54			
			3	6	41			
			4	11	36			
			5	14	34			
			6	17	50			
			7	21	11			
			8	24	57			
			9	27	37			
			10	32	34			
		10:59	11	34	49			

NOTE: K&E TRANSIT USED AS CUT GUN

76L298 307 Cdb 12-62

F. B. 2817 PG. 248 | Job No. 030002 Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

Do not extend notes this side of this line.

76L298 307 Cdb 12-62

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

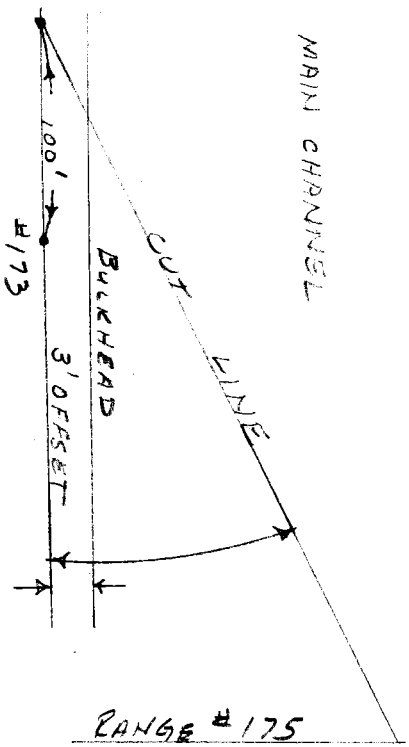
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
100'54 #173	#174	11:27	1	1	06			
			2	11	53			
NOTE: K.&E. TRANSIT			3	22	17			
USED AS CUT GUM			4	31	49			
			5	39	47			
			6	46	17			
			7	51	20			
			8	54	24			
			9	57	50			
			10	61	04			
		11:32	11	62	38			



Profile Notes Red_____ Plotted_____ Job No. 0300.02 Division No. 11 F. B. 28117 Pg. 210

No._____ Date_____ Date_____ Survey of HYDRO SURVEY M.D.R.

X-Sec. Notes Chkd._____ Checked_____ Survey by [illegible] Notes DON Date 4-15-69

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

F. B. 2817 Pg. 250 | 030002 Job No. ____ Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

Inst. At	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

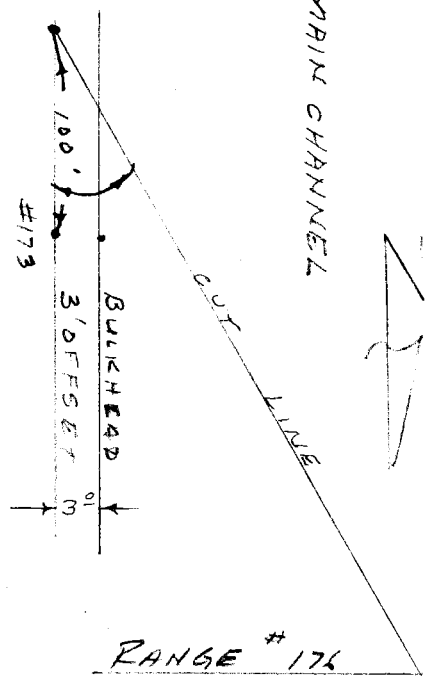
LOS ANGELES COUNTY SURVEYOR

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.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
100' SLY #173	#174	11:38	1	1	02			
			2	9	25			
NOTE: K&E, TRANSIT			3	19	24			
USED AS CUT GUN			4	26	06			
			5	32	48			
			6	38	57			
			7	44	48			
			8	50	17			
		11:43	9	53	50			



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 751

No. Date Date Survey of HYDRO. SURVEY M.D.R.

X-Sec. Notes Chkd. Checked Survey by [illegible] Notes Don Date 4 15 69

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

F. B. 2817 Pg. 252 | 0300.02

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

Survey of HYDROGRAPHIC SURVEYS _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

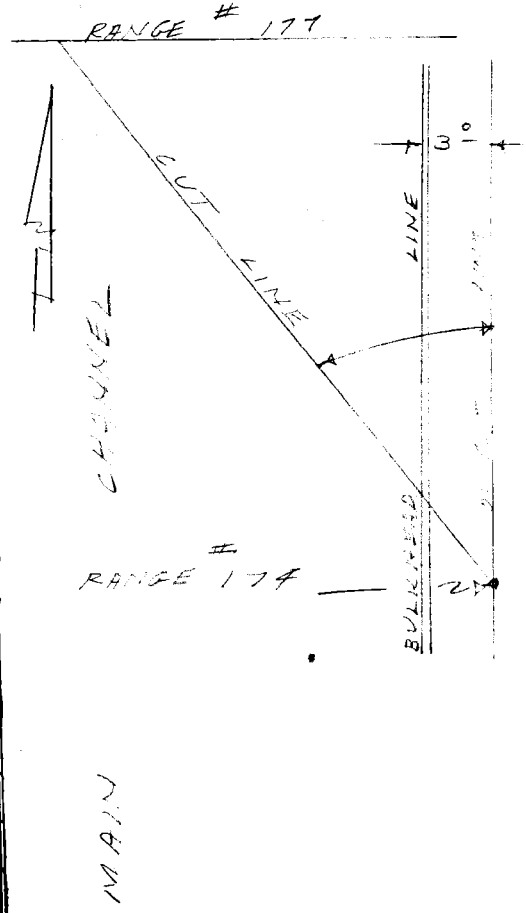
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
RANGE 174	# 177	1:36	1	08	48			
			2	12	09			
			3	17	51			
			4	24	45			
			5	30	31			
			6	35	46			
			7	40	43			
			8	47	20			
			9	50	47			
			10	54	27			
		1:40	11	56	05			

NOTE: K.&E. TRANSIT USED AS CUT GUN



Profile Notes Red. Plotted Job No. 30002 Division No. 11 F. B. 2817 Pg. 253

No. Date Date Survey of HYDROGRAPHIC SURVEYS

X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes D.L.W. Date 4-15-69

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

F. B. 2817 PG 254

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

Survey of HYDROGRAPHIC SURVEYS Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

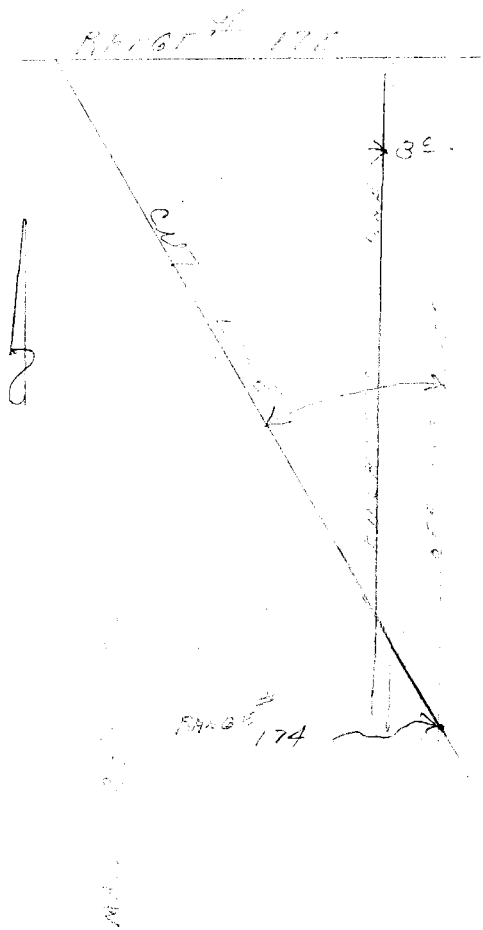
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
[illegible]	78	2:00	1	07	57			
			2	12	21			
NOTE: K. SEL TRANSIT			3	18	52			
USED AS CUT GUN			4	25	09			
			5	30	39			
			6.	38	27			
			7.	44	43			
			8	48	27			
		2:04	9	49	36			



Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. 11 F. B. 78 Pg. 255

No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEYS

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes P.L.W. Date 4-15-69

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

F. B. 2817 Pg. 256 | 030002

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

Survey of HYDROGRAPHIC SURVEYS Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

76L298 307 Cdb 12-62

PLEASE RETURN TO

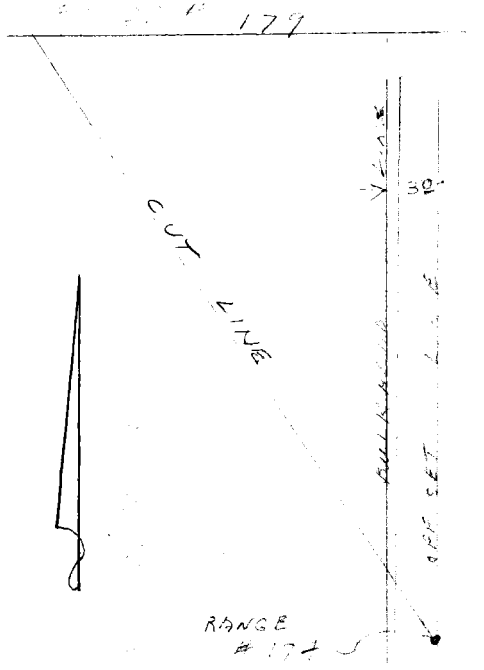
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
174	179	2:37	1	43	38			
			2	41	44			
NOTE: K.B.E. TRANSIT			3	36	41			
USED AS CUT GUN			4	32	15			
			5	25	50			
			6	18	58			
			7	11	30			
		2:12	8	05	34			



Profile Notes Red. ____ Plotted ____ Job No. 030002 Division No. 11 F. B. 2817 Pg. 257

No. ____ Date ____ Date ____ Survey of HYDROGRAPHIC SURVEYS

X-Sec. Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes D.L.W. Date 4-15-69

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

F. B. 2817 PG. 258 | Job No. 0300,02 Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

Do not extend notes this side of this line.

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

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

0300,02

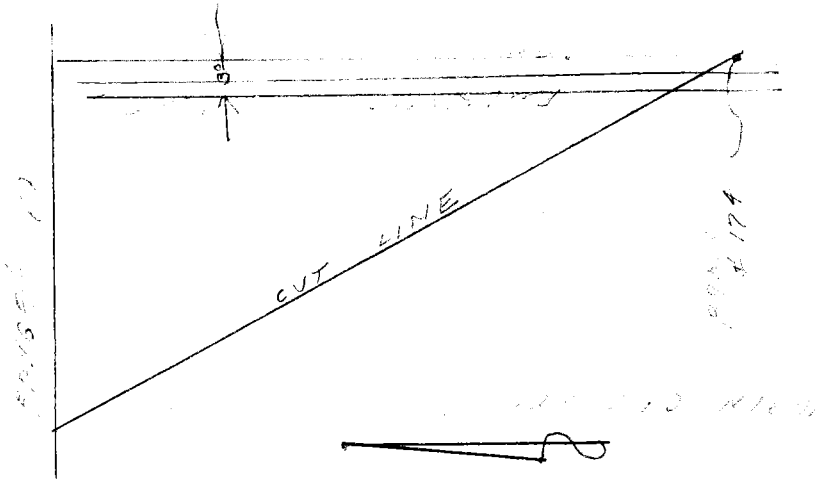
F. B. 2817 Pg. 259

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

Date _____ Date _____ Survey of HYDROGRAPHIC SURVEYS

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes D.L.W. Date 7-15-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
174	180	2121	1	07	46			
			2	10	28			
			3	13	57			
			4	17	36			
			5	20	55			
			6	26	30			
			7	31	18			
			8	35	25			
		2125	9	38	22			

NOTE: K.&E. TRANSIT USED AS CUT GUN

76L298 307 Cdb 12-62

F. B. 2817 PG. 260 | 0300.02

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

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

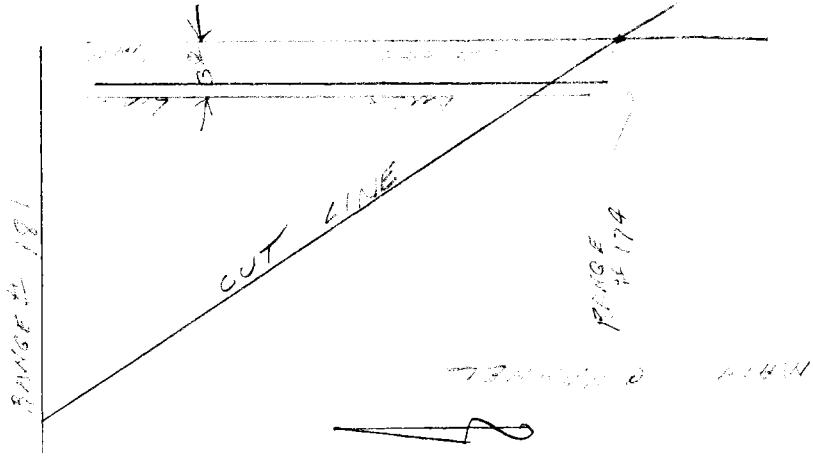
Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	Range Line Min.	Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 030002 Division No. 11 | F. B. 2817 Pg. 261

X-Sec. No. _____ Date _____ Date _____ Survey of HYDROGRAPHIC SURVEYS

Notes Chkd. _____ Checked _____ Survey by RICHARD Notes D.L.W. Date 4-15-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
174	181	2:31	1	07	07			
			2	10	54			
			3	16	11			
			4	19	51			
			5	24	21			
			6	27	36			
			7	32	10			
		2:35	8	33	56			

NOTE: K.&E. TRANSIT USED AS CUT GUN

76L298 307 Cdb 12-62

F. B. 2817 Pg. 262 | 030002 Job No. Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

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

Indexed Date Date Date No.

76L298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

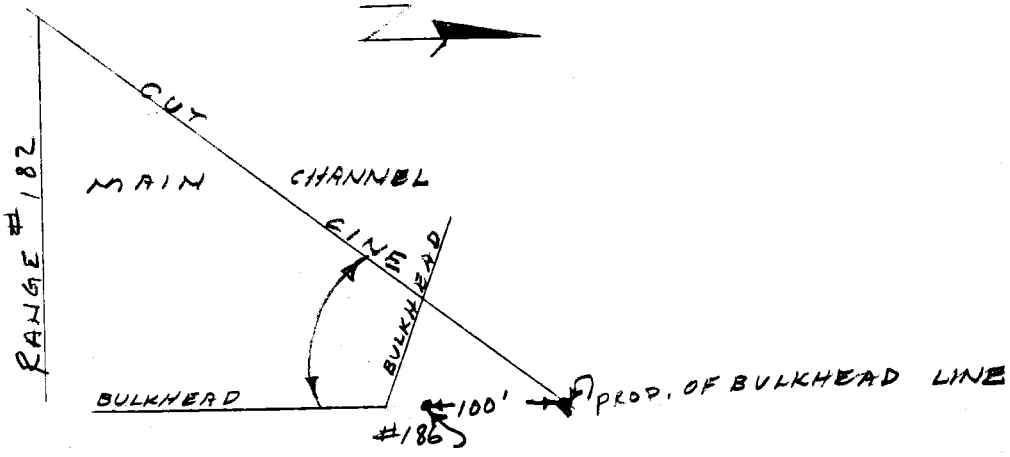
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

Inst. At	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					

Profile No. _____ Notes Red. _____ Date _____ Plotted _____ Date _____ Job No. 0300.02 Division No. 11 | F. B. 2817 Pg. 263

X-Sec. No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____ Survey of HYDRO. SURVEY M.D.R. Survey by [illegible] Notes DON Date 4-16-69 Map No. _____ Indexed G. J. GALLI Date _____



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

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
100' N #186	#182	10:43	1	17	22			
			2	23	46			
			3	29	20			
			4	34	50			
			5	40	37			
			6	44	12			
			7	46	51			
			8	00	00			
			9	01	18			
			10	04	58			
		10:52	11	06	39			

76L298 307 Cdb 12-62

F. B. 2817 PG. 264 | Job No. 0300,02 Division No. 11 Notes Red. ____ Plotted ____ Profile

Survey of HYDROGRAPHIC SURVEYS ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

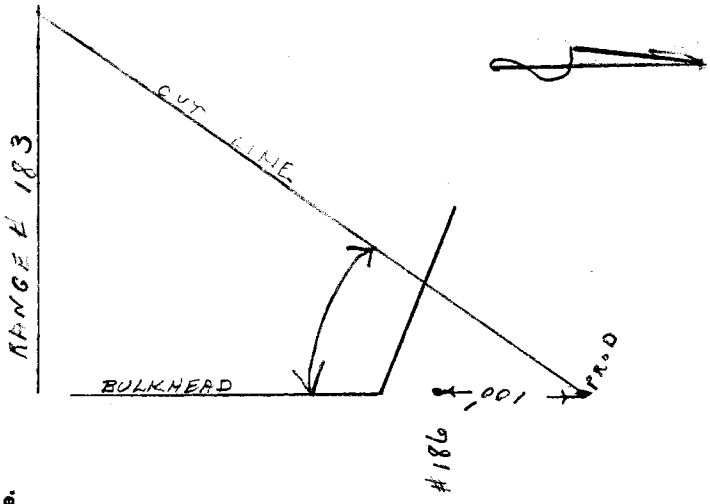
76L298 307 Cdb 12-62

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 | F. B. 2817 Pg. 26

X-Sec. No. _____ Date _____ Date _____ Survey of HYDRO. SURVEY M.D.R.

Notes Chkd. _____ Checked _____ Survey by [illegible] Notes DON Date 4-16-69

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



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	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					
100' N 186	183	11:28	1	04	35			
			2	06	03			
			3	07	41			
			4	17	32			
			5	21	54			
			6	27	38			
			7	32	45			
			8	37	56			
			9	42	35			
			10	48	08			
			11	51	55			
		11:36	12	54	08			

76L298 307 Cdb 12-62

F. B. 2817 Pg. 266 | Job No. 0300.02 Division No. 11 Notes Red. _____ Plotted _____ Profile

Survey of HYDROGRAPHIC SURVEYS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

761.298 307 Cdb 12-62

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

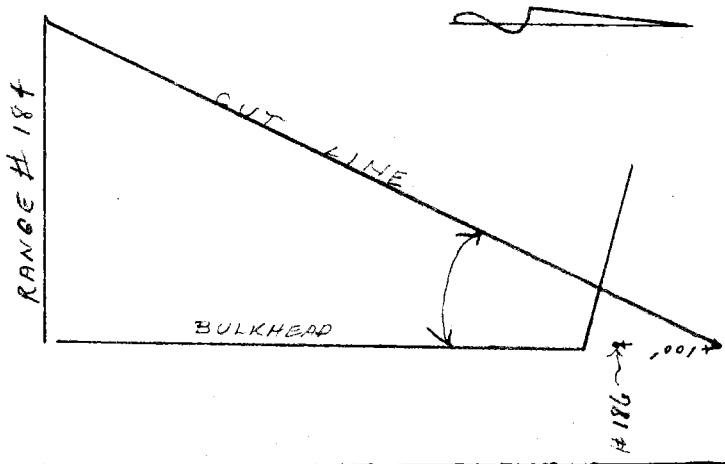
Inst. At	Sight On	Time	Angle No	Hor. Angle Deg.	Hor. Angle Min.	For Office Use Only Range Line Deg.	For Office Use Only Range Line Min.	For Office Use Only Card No.
Don't Punch	Don't Punch	Don't Punch	Don't Punch					

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 | F. B. 2817 Pg. 267

X-Sec. No. _____ Date _____ Date _____ Survey of HYDRO. SURVEY M.D.R.

Notes Chkd. _____ Checked _____ Survey by [illegible] Notes DON C. J. GALLI Date 4-16-69

Date _____ Date _____ Map No. _____ Indexed _____ Date _____



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

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE DEG.	LINE MIN.	CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
100 N 186	184	11:43	1	06	47			
			2	09	02			
			3	12	13			
			4	24	14			
			5	29	31			
			6	38	42			
			7	47	24			
			8	52	29			
			9	56	42			
		11:51	10	59	37			

76L298 307 Cdb 12-62

F. B. 2817 PG. 268 | Job No. 0300,02 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of HYDROGRAPHIC SURVEYS | Date | Date | No.
Survey by RICHARDS | Notes | Notes Chkd. | Checked | X-Sec.
Indexed | Date | Date | Date | No.

76L298 307 Cdb 12-62

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

Do not extend notes this side of this line.

76L298 307 Cdb 12-62

PLEASE RETURN TO

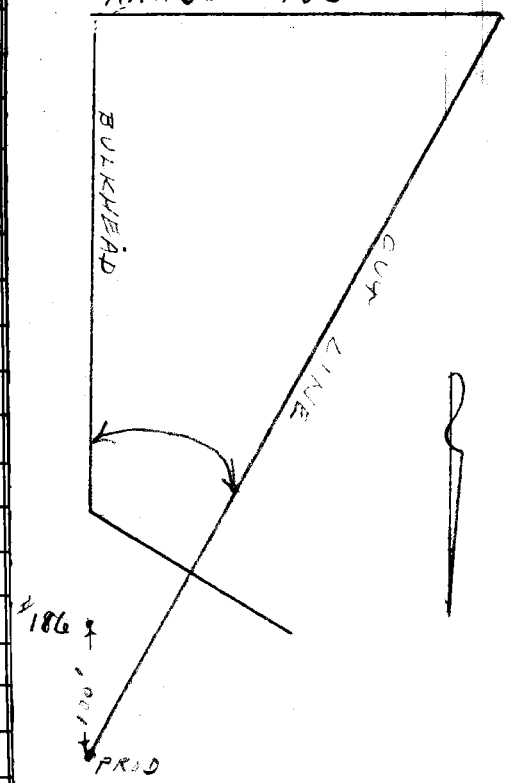
LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. AT	SIGHT ON	TIME	ANGLE Nº	HOR. ANGLE DEG.	HOR. ANGLE MIN.	FOR OFFICE USE ONLY RANGE LINE DEG.	FOR OFFICE USE ONLY RANGE LINE MIN.	FOR OFFICE USE ONLY CARD Nº
DON'T PUNCH	DON'T PUNCH	DON'T PUNCH	DON'T PUNCH					
100' N 186	185	1:46	1	12	56			
			2	17	38			
			3	22	59			
			4	31	38			
			5	37	18			
			6	43	45			
			7	48	53			
			8	51	50			
			9	54	24			
		1:48	10	56	07			



Profile Notes Red. Plotted Job No. 0300.02 Division No. 11 F. B. 2817 Pg. 263

No. Date Date Survey of HYDRO. SURVEY M.D.R.

X-Sec. Notes Chkd. Checked Survey by [illegible] Notes [illegible] Date 4-16-60

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

F. B. 2817 PG. 270 Job No. 030002 Division No. 11 Notes Red. Plotted Profile

Survey of HYDROGRAPHIC SURVEYS Date Date No.

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

Indexed Date Date Date

76L298 307 Cdb 12-62
LOS ANGE
726 Los An