C'd by	Survey of PALMDALE RESERVOIR	F. B. 3450 Pg. 5
Map No.	JN 67106 Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

BOOK INDEX

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LEVELS	FEB. 1968	9 THRU 44
TIES	PALMDALE B-9, P.I.D. NO. 4, P.R. No. 1	45 & 46
	" B-9 P.I.D. NO 1, P.R. No 4	47
	P.I.D. NO. 3 & R.M.S.	49 & 50
LEVELS	DEC. 1968, & JAN. 1969	51 THRU 98
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P. W. file o.k. June 87.

~~micro~~filmed. June 85

06 PALMDALE RESERVOIR

JOB NO. 0301.06 SURVEY OF L.A. CO. PRECISE LEVEL NET

F.B. 3450 PG. 9

NOTES BY [illegible] DATE FEB. 1968 TIME ROD NO. 19 & 9

DATE NOTES CHKD DATE

PALMDALE RECREATION DISTRICT RESERVOIR

JOB NO 0301.06

LEVELS, FEB 1968, PAGES 11 THRU 44

DREIER
WILKS
SIEMANN
MCKNIGHT

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION OR REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM TO

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

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

Do not extend notes this side of this line.

76P626 CE # 308 3-65

F.B. 3450 Pg. 10

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES G.E. DREIER

INDEXED G.J. GAUW DATE

WEATHER

TIME

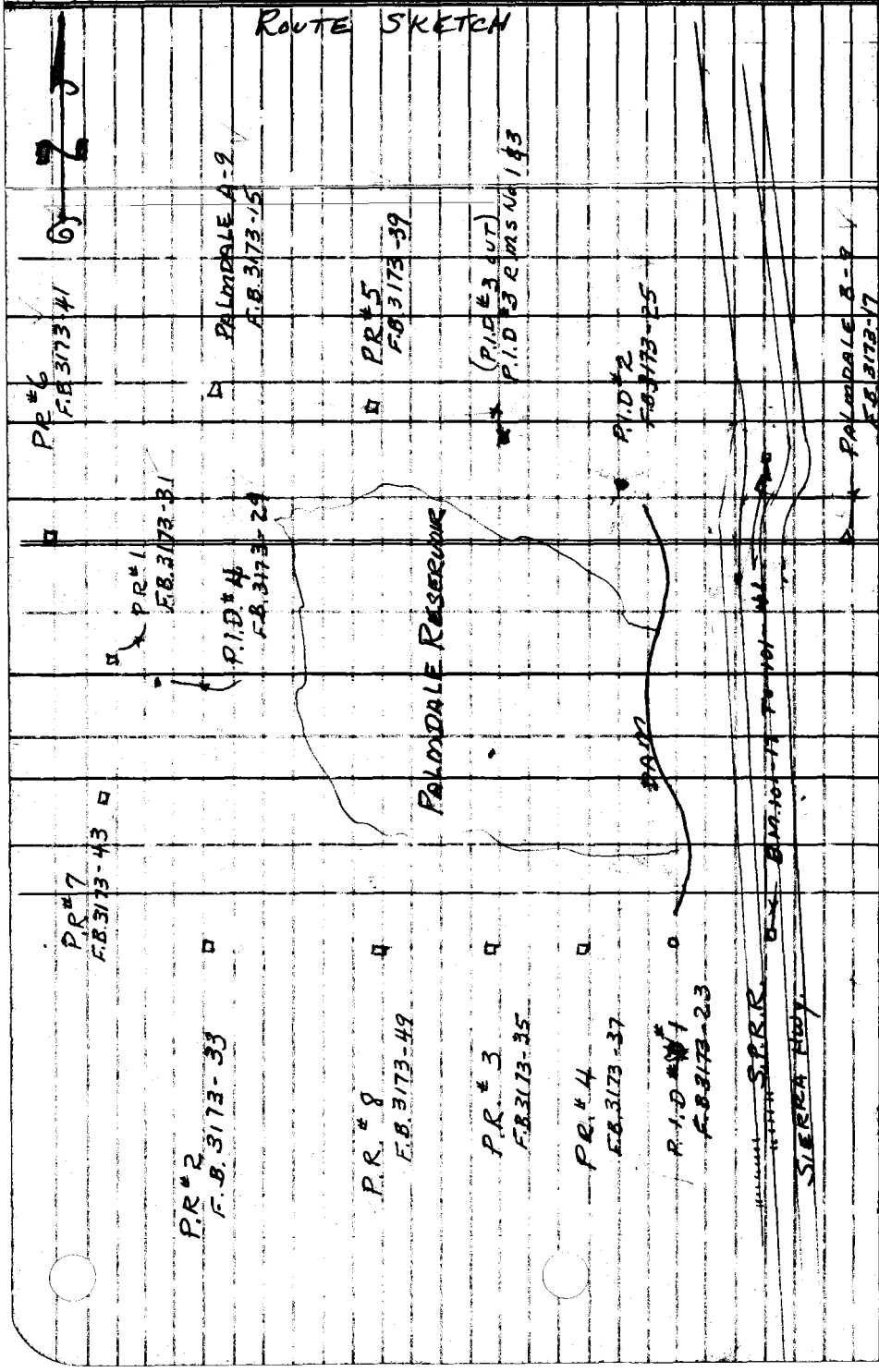
NOTES CHKD.

INST. NO. 75234

ROD NO. 9 & 19

DATE

ROUTE SKETCH



STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ___ TO ___

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526 CE # 308 3-65

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JOB NO. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET — PALMDALE RESERVOIR

NOTES BY C.E. DREIER — DATE 2-13-68 — TIME 9:45 TO 10:50 — ROD NO. 819 — F.B. 5450

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-17 TO B.M. 101-25
B.M. 101-17									B.M. 101-17 (D-429)
1	55	963	356	5 79 31 48	205	856	506	5 228 182 46 48 94	
					55	963			
					149	893			
B.M. 101-19									B.M. 101-19 (D-429)
1	56	063	357	5 79 33 46	235	927	536	5 258 212 46 46 92	
					56	063			
	76	852	377	5 100 52 48	179	864			(Z-428)
B.M. 101-21									B.M. 101-21
1	76	852	377	5 100 52 48	173	620	471	198 148 50 48 98	
					76	852			
					96	768			
B.M. 101-23									B.M. 101-23 (X-428)
1	66	090	367	5 90 42 48	205	672	506	228 182 46 48 94	
					66	090			
					139	582			
[redacted]									B.M. 101-25 (Y-428)
B.M. 101-25									
									B.M. 101-27 (U-487) NOT RECOVERED. DIRT HAS BEEN DEVELOPED IN THIS AREA
	22	117	528	263 191 72					
B.M. 101-27									B.M. 101-27

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM Bm. 101-41 TO Bm. 101-17
101-25													Bm. 101-25 (V-428)
1	214	018	515	5	238 190	48	74	440	375	5	97 51	46	
	74	440										48	
	+139	578										94	
Bm. 101-23													Bm. 101-23 (X 428)
1	148	662	449	5	174 122	52	51	920	352	5	75 27	48	
	51	920										52	
	+96	742										100	
Bm. 101-21													Bm. 101-21 (Z-428)
1	223	464	524	5	246 200	46	43	608	344	5	66 20	46	
	43	608										46	
	+179	856										92	
Bm. 101-19													Bm. 101-19 (B-429)
1	202	896	503	5	225 179	46	52	999	353	5	76 28	48	
	52	999										46	
	149	897										94	
Bm 101-17													Bm. 101-17 (D-429)

F.B. 3450 PG. 12

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES G.E. DREIER

INDEXED C.J. GALLI DATE

WEATHER CLOUDY INST. NO. 75234

TIME 10:50 TO 11:45 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

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06 PALMDALE RESERVOIR
JOB NO. 0301 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C.E. DREIER WEATHER Clear TEMP. 70°
NOTES BY C.E. DREIER DATE 2-13-68 TIME 7:45 A.M. TO 10:52 ROD NO. 9 & 15
INSPECTED DATE NOTES CHKD DATE
F.B. 37950 P.B. 73

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
B.M. 101-25									B.M. 101-25 V-428
1	203	938	504 5	230 / 177 53	139	109	440 5	177 / 107 64	
	139	109						53	
	+ 64	824 ✓						117	
B.M. 101-29									B.M. 101-29 (V-487)
1	177	670	478 5	207 / 153 48	142	442	443 5	164 / 120 44	
	142	442						48	(W-487 1955 Horiz
	+ 35	228 ✓						92	
B.M. 101-33									B.M. 101-33 (Y-487)
	131	452	432 5	144 / 118 26	123	350	424 5	135 / 111 24	
	123	350 ✓						26	
	+ 8	102 ✓						50	
B.M. 101-35									B.M. 101-35 (Q 428)
1	123	822	424	148 / 98 50	174	041 ✓	475 5	198 / 150 48	
					123	822		50	
					- 50	219 ✓		98	
B.M. 101-37									B.M. 101-37 (N-428)
1	293	763	594 5	½ 293 / 276 34	37	000	338 5	54 / 20 34	
								34	
2	192	963	493 5	197 / 187 10	85	546	386 5	71 / 29 42	
								46	
								44	
B.M. 101-39									B.M. 101-39 (Vein 2 [illegible])
	486	826 ✓		44	122	546 ✓		90	
	122	546 ✓							
	+ 363	280 ✓							
[illegible]									
1	20	000	321 5	½ 33 / 20 26	148	658 ✓	449 5	161 / 135 26	
					20	000		26	
					- 128	458 ✓		52	
B.M. 101-41									B.M. 101-41 (J-811)

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 38-52 Pg. 14 JOB NO. 030106
SURVEY OF PALMDALE RESERVOIR
SURVEY BY DREIER NOTES G.E. DREIER
INDEXED C.J. GALT DATE
WEATHER Cool PART Cloudy TIME 11:50 TO 11:40 INST. NO. 75234
NOTES CHKD DLM ROD NO. 4-19 DATE 4-4-06

RAW

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM Bm.101-41 TO B.M.101-17
B.M.101-41				162				33	B.M. 101-41 J-811
	149	165	450 5	136 26	20	508	321 5	½ 29 26	
	20	508						26	
	+128	657						52	
B.M.101-39									B.M. 101-39 (VOL R # 2 1247)
1	76	104	377 5	83 20 13	183	875	484 5	190 176 14	
2	37	036	338 5	57 23 28 41	293	037	594 5	½ 293 276 34	
B								48 47	
B.M.101-37	+113	140			476	912		87	B.M. 101-37 (N 428)
					113	140			
					+363	772			
1	120	970	471 5	194 146 48	120	735	421 5	145 95 50	
	120	735						48	
	+56	235						98	
B.M.101-35									B.M. 101-35 (Q-428)
1	120	910	421 5	132 108 24	128	982	429 5	141 115 26	
					120	910		24	
					+8	072		52	
B.M.101-33									B.M. 101-33 (Y 487)
1	147	570	448 5	171 123 48	182	777	483 5	205 159 46	
					147	570		48	
					+35	207		94	
B.M. 101-29									B.M. 101-29 (V 487)
1	149	104	450 5	178 120 58	213	968	514 5	243 182 61	
					149	104		58	
					+64	864		119	
B.M. 101-25									B.M. 101-25 (V-428)

76P526 CE # 308 3-65

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-41 TO PID
BM 101-41									BM 101-41 (J-811)
1	118	837	419 5	94 / 140 44	19	467	320 5	1/2 19 / 41 44	
2	283	818	584 5	373 / 393 20	33	975	334 5	21 / 44 23	
3	286	213	587 5	329 / 393 64	64	806	365 5	57 / 71 67	
4	128	101	429 5	125 / 131 78	30	203	331 5	27 / 34 7	
				84 ✓				89 ✓	
PID #2	816	969 ✓			148	451 ✓		84 ✓	PID #2
	148	451 ✓						172	
	668	518 ✓							

JOB NO. 0301.02 PALMDALE RESERVOIR

SURVEY BY [illegible] WEATHER [illegible]

NOTES BY [illegible] DATE 2-13-64 TIME 1:15 - 1:30 ROD NO. 9819

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

P.B. 3450 PG. 15

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PID #2 TO BM 101-41
PID #2													PID #2
1	5	728	306	5	1/2 5/12	14	297	198	598	5	1/2 291/297	12	
2	5	320	306	5	1/2 5/18	26	286	130	587	5	276/296	20	
						40						32	
4	19	387	320	5	1/2 19/41	44	115	668	416	5	92/138	46	
						84						78	
BM 101-41	30	435					198	996				84	BM 101-41 (J-811)
							30	435				162	
							668	561					

F.B. 3450 Pg. 16

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E.D. NOTES D.L.W. 2-13-68

INDEXED C.J. GALLI DATE

WEATHER PTLY CLDY INST. NO. 75234

TIME 1:30-1:45 ROD NO. 9819

NOTES CHKD [illegible] DATE MAR 20 '68

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.06 SURVEY OF L.A. CO. PRECISE LEVEL NET
PALMDALE RESERVOIR
NOTES BY K.W.L. & C.W.S. DATE 2-13-68 TIME 1:45-2:30 ROD NO. 4614
INDEXED DATE NOTES CHKD. DATE
F.B. 9950 PG. 77

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PID #2 TO PID #3 RM #1
PID #2					½ 6 / 41	84					187 / 243	86	PID #2
1	6	500	307	5			200	159	501	5			
2	136	260	437	5	182 / 170	48	154	242	455	5	131 / 187	44	
3	146	203	447	5	119 / 173	152 / 54	7	773	308	5	½ 7 / 34	152 / 54	
4	224	093	325	5	211 / 232	206 / 16	63	639	364	5	54 / 72	206 / 18	
						222						224 / 222	
PID #3 RM 1													PID #3 RM #1
	513	056	✓				425	833	✓			996	
	425	833	✓										
	+ 87	223	✓										
PID #3 RM 1													PID #3 RM #1
	49	370	350	5	39 / 54	20	285	241	586	5	275 / 295	20	
												20 / 40	
							49	370	✓				
PID #3 RM 3							− 235	871	✓				PID #3 RM #3

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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.

WEATHER Part Cloudy INST. NO. 25234
TIME 10:20 TO 10:30 ROD NO. 9819
NOTES CHKD DATE

SURVEY OF PALMDALE RESERVOIR 2-16-68
SURVEY BY G.E.D. NOTES D.L.W.
INDEXED C.J. GALLI DATE

JOB NO 0301.06
P.B. 3450 Pg. 18

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM P.I.D 3 Rm.#3 TO P.I.D #2
													Rm. #3 P.I.D #3
1	300	014	601	5	300 / 292	16	64	168	365	5	72 / 56	16	
	64	168	✓									16	
	236	846	✓									32	
													Rm. #1 P.I.D. #3
1	5	682	306	5	11 / -1	12	276	516	577	5	283 / 269	14	
2	136	585	437	5	172 / 100	72 / 84	165	133	466	5	200 / 130	70 / 84	
3	172	804	473	5	209 / 135	74 / 158	159	263	460	5	195 / 123	72 / 156	
4	129	093	430	5	156 / 102	54 / 212	15	370	316	5	43 / 15	56 / 212	
5	136	252	437	5	139 / 133	6 / 218	51	416	352	5	54 / 48	6 / 218 ✓	
												218 ✓	
	580	416	✓				667	698	✓			436	
							580	416	✓				P.I.D. #2
							87	282	✓				

76P526 CE # 308 3-65

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

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM PID #3 RM #3 TO BM PR #5
PID #3 RM #3									PID #3 RM #3
1	90	065	391 5	1/2 90 / 115 50	131	638	432 5	106 / 156 50	
2	144	950	445 5	104 / 184 80	14	990	315 5	1/2 24 / 52 76	
3	289	672	590 5	276 / 302 130 / 26	11	760	312 5	1/2 21 / 25 126 / 28	
4	227	920	528 5	204 / 250 156 / 46	124	360	425 5	201 / 147 154 / 46	
5	199	241	500 5	179 / 219 202 / 40	180	072	481 5	159 / 201 200 / 42	
				242				242	
								242	
								484	
BM PR #5	951	848			462	820			PR #5
	462	820							
	489	028							

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G.S. DREIER WEATHER COLD

NOTES BY WILKS DATE 2-14-68 TIME 9:00 TO 9:30 ROD NO. 9819

INDEXED C.J. CALL DATE NOTES CHKD DATE

F.B. 3458 PG. 19

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM PR# 5 TO R.M.#3 P.I.D#3
PR.#5									PR.#5
1	152	568	453 5	188 110 78	209	809	510 5	250 168 82	
2	~~4~~	~~869~~	~~305 5~~	128 ½ 4 48	298	553	599 5	298 278 40	
	31	607	332 5	51 11 40				122	
				118					
3	20	667	321 5	27 14 13	225	413	526 5	218 231 13	
				131				135	
4	133	488	434 5	168 98 70	156	097	457 5	190 122 68	
				201				203	
5	168	989	469 5	192 144 48	196	220	407 5	129 84 44	
				249				247 ✓	
								249 ✓	
	507	319 ✓			996	092 ✓		496 ✓	
					507	319 ✓			R.M.#3 P.I.D#3
					488	773 ✓			
R.M.#3 P.I.D.#3									

F.B. 3450 PG. 20

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E.D. NOTES D.C.W. 2-16-68

INDEXED C.J. GALLI DATE

WEATHER PART CLOUDY INST. NO. 95234

TIME 9:30 TO 10:00 ROD NO. 9819

NOTES CHKD [illegible] DATE MAR 20 '68

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM PR# 5 TO A-9
BM PR# 5		2											BM PR# 5
1	113	117	414	5	72 / 154	82	187	270	488	5	146 / 228	82	
2	282	085	583	5	267 / 297	30	42	635	343	5	27 / 57	30	
						112						112	
3	246	741	547	5	232 / 259	27	9	371	310	5	1/2 9 / 20	22	
						139						134	
4	278	941	579	5	273 / 283	10	4	650	305	5	1/2 4 / 12	16	
						149						150	
5	243	098	544	5	239 / 247	8	53	613	354	5	48 / 57	9	
						157 ✓						159 ✓	
												157 ✓	
A-9	1163	982 ✓					297	539 ✓				316 ✓	A-9
	297	539 ✓											
	866	443 ✓											

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G. E. DREIER WEATHER [illegible]

NOTES BY WILKS DATE 2-14-68 TIME 10:00 - 10:15 ROD NO. 9619

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

F.B. 3450 PG. 27

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F.B. 3450 PG. 22
JOB NO. 03.01.06
SURVEY OF Palmdale Reservoir
SURVEY BY G.E.D. NOTES D.L.W.
INDEXED C.J. GALLI DATE

WEATHER Ptly Cldy. INST. NO 75234
TIME 1:30 - 3:00 ROD NO 9419
NOTES CHKD [illegible] DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM A-9 TO PR#5
A-9					12						287		A-9
1	23	693	324	5	29	12	293	624	594	5	299	12	
2	7	753	308	5	0 / 14	14	285	313	586	5	279 / 291	12	
3	31	792	332	5	16 / 46	26 / 30	1 / 268	800	567	5	245 / 277	24 / 32	
4	58	631	359	5	47 / 70	56 / 23	214	785	517	5	203 / 228	56 / 25	
5	184	945	485	5	145 / 223	79 / 78	115	563	416	5	97 / 153	81 / 82	
						157						163 ✓	
												157 ✓	
PR#5	306	814	✓				3 / 1178	085 ✓				320 ✓	PR#5
							306	814 ✓					
							868	271 ✓					

76P526 CE # 308 3-65

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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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM PALMDALE A-9 TO PR #6
PALMDALE A-9									PALMDALE A-9
1	24	055	325 5	40 8 32	284	262	585 5	302 267 35	
2	2	826	303 5	1/2 21 2 18 50	300	044	601 5	300 1/2 291 18 53	
3	9	252	310 5	13 5 8 58	285	983	586 5	291 279 12 65	
4	6	406	307 5	10 2 8 66	274	414	575 5	279 269 10 75	
5	54	628	355 5	69 39 30 96	213	555	514 5	226 200 26 101	
6	138	433	439 5	162 114 48 144	213	637	514 5	239 188 49 150	
7	190	309	491 5	216 164 52 196	184	534	485 5	207 161 46 196	
PR #6								196	PR #6
	425	909			1756	429		392	
					425	909			
					1330	520			

JOB NO. 0301-06 SURVEY OF L.A. CO. PRECISE LEVEL NET

PALMDALE RESERVOIR

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 2-14-68

INDEXED DATE

WEATHER LT. BR. SUNNY

TIME 10:15 TO 10:40 ROD NO. 9 & 19

NOTES CHKD DATE

F.B. 345 J PG. 23

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3450 Pg. 24 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES G.E. DREIER 2-15-68

INDEXED G.J. GALLI DATE

WEATHER SCAT. CLOUDS INST. NO. 75234

TIME 1:00 T° ROD NO. 9 #4

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM PR 6 TO PALMDALE A-9
PR #6													PR #6
1	22	283	323	5	252 / 222	30	194	918	495	5	225 / 165	58	
2	225	738	526	5	250 / 200	50 / 110	3	039	304	5	½ 28 / 3	50 / 108	
3	234	825	535	5	252 / 216	36 / 146	16	575	317	5	30 / 2	28 / 136	
4	279	617	580	5	283 / 275	8 / 154	21	878	322	5	29 / 13	16 / 152	
5	286	136	587	5	290 / 283	7 / 161	3	912	304	5	½ 8 / 3	10 / 162	
6	298	003	599	5	½ 298 / 292	12 / 173	23	050	324	5	30 / 17	13 / 175	
7	274	297	575	5	292 / 257	35 / 208	27	059	328	5	44 / 10	34 / 209 ✓ / 208 ✓	
PALMDALE A-9												417	PALMDALE A-9
	1620	899 ✓					290	431 ✓					
	290	431 ✓											
	+1330	468 ✓											

76P526 CE # 308 3-65

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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	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM PR6 TO PR1
PR 6									PR 6
1	28	503	329 5	52 4 48	227	700	528 5	252 202 50	
2	174	244	475 5	207 141 66 114	147	647	448 5	180 114 66 116	
3	196	875	497 5	233 159 74 188	69	337	370 5	106 ½ 69 74 190	
4	171	046	472 5	180 162 18 206	80	646	381 5	88 72 16 206	
PR #1								206 412	PR #1
	570	668			525	330			
	525	330							
+	45	338							

JOB NO. 0301.06 SURVEY OF ~~L.A. CO.~~ PALMDALE RESERVOIR PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER

NOTES BY G.E. DREIER DATE 2-14-68 TIME 10:40 TO ROD NO. 9 & 19

INDEXED

P.B. 3450 PG. 25

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR#1 TO PR 6
PR#1													P.R #1
1	35	359	336	5	1/2 73 35	76	236	626	537	5	274 198	76	
2	127	763	428	5	154 100	54 130	150	853	451	5	177 123	54 130	
3	218	485	519	5	249 187	62 192	39	659	340	5	70 8	62 192 192	
	381	607					427	138				384	
PR 6							381	607					PR #6
							45	531					

WEATHER OVERCAST INST. NO.

TIME 11:30 TO ROD NO. 2 #19

NOTES CHKD [signature] DATE MAR 20 '68

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES G.E. DREIER 2-15-68

INDEXED C.J. GALLI DATE

F.B. 3450 PG. 26

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

F.B. 3450 PG. 27

SURVEY BY G.E. DREIER WEATHER INST. NO. 75234

NOTES BY G.E. DREIER DATE 2-14-68 TIME 11:05 TO 11:10 ROD NO. 9819

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE [illegible]

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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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM PR 1 TO P.I.D. 4
PR 1									PR #1
1	42000	343	5 ½	72 42 60	226025 42000 -184025		527	257 193 64 60 124	
P.I.D. 4									P.I.D. #4

76P526 CE # 308 3-65

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D #4 TO PR. #1
P.I.D. #4									P.I.D. #4
1	228	005	529 5	260 196 64	44	007	345 5	1/2 74 44 60	
	44	007						64	
	183	998						124	
PR #1									P.R. #1

F.B. 3450 PG. 28 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E. DREIER NOTES G.E. DREIER 2-15-68

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 75234

TIME 11:25 TO 11:30 ROD NO. 9 & 19

NOTES CHKD. [illegible] DATE

76P526 CE # 308 3-65

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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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.I.D. #4 TO PR #7
P.I.D. 4									P.I.D. 4
1	245	323	546 5	270 220 50	149	410	450 5	174 124 50	
2	170	035	471 5	209 131 78 128	211	033	512 5	250 172 78 128	
3	230	496	531 5	251 209 42 170	33	728	334 5	54 12 42 170	
PR #7								120 340	PR #7
	645	854 ✓			394	171 ✓			
	394	171 ✓							
	+ 251	683 ✓							

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESER

SURVEY BY G. E. DREIER WEATHER LT. BR. SOUTH

NOTES BY G. E. DREIER DATE 2-14-68 TIME 11:10 TO ROD NO. 9 & 19

INDEXED ~~G. J. GALLI~~ DATE NOTES CHKD ~~[illegible]~~ DATE

F.B. 3450 PG. 29

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 3450 Pg. 30 JOB NO 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY Dreier NOTES G.E. Dreier 2-15-68

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 75234

TIME 11:16 TO ROD NO. 9 & 19

NOTES CHKD [illegible] DATE MAR 20 '68

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM PR # 7 TO PID # 4
PR # 7									PR # 7
1	94	245	395	5	290	249	591	5	½ 298 252 68
2	228	103	529	5	283	727	584	5	½ 283 232 102
				127 61 66					170 ✓ 166 ✓ 336 ✓
				278 178 100 166					
	322	348	✓		573	976	✓		
					322	348	✓		
PID # 4					251	628	✓		P.I.D. # 4

76P526 CE # 308 3-65

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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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM PR#7 TO PR#2
PR#7									PR#7
1	157	321	458 5	127 / 187 60	256	605	557 5	226 / 286 60	
2	202	600	503 ~~600~~ 5	175 / 229 54	61 ~~61~~	200	362 5	1/2 61 / 89 56	
3	216	268	517 5	192 / 240 114 48	78	235	379 5	53 / 102 116 49	
4	246	528	547 5	238 / 255 162 17	54	871	355 5	46 / 62 165 16	
				179				181	
PR#2	822	717			450	911		179	PR#2
	450	911						360	
	371	806							

JOB NO. 0301.02 6 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY [illegible] WEATHER [illegible]

NOTES BY Wicks DATE 2-14-68 TIME 11:30 - 11:50 ROD NO. 9419

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE

F.B. 3450 PG. 31

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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR #2 TO PR #7
PR #2													PR #2
1	61	04	362	5	44 / 78	34	297	438	598	5	1/2 281 / 297	32	
2	254	460	555	5	1/2 254 / 290	72	277	880	578	5	1/2 243 / 277	68	
3	92	280	393	5	1/2 92 / 123	106 / 62	233	842	534	5	200 / 266	100 / 66	
4	101	178	402	5	92 / 111	168 / 19	71	508	372	5	61 / 81	166 / 20	
						187						186	
												187	
PR #7	508	922					880	668				373	PR #7
							508	922					
							371	746					

WEATHER OVERCAST INST. NO. 25234

TIME 10:35 - 10:50 ROD NO. 9619

NOTES CHKD [illegible] DATE [illegible]

F.B. 3450 PG. 32 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E.D. NOTES D.L.W.

INDEXED C.J. GALLI DATE

76P526 CE # 308 3-65

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM PR # 2 TO PR # 8
PR # 2									PR # 2
1	200	483	501	1/2 200 / 234 68	257	350	558 5	222 / 291 69	
2	154	030	455 5	.24 / 184 60	224	972	525 5	194 / 254 60	
3	227	415	528 5	220 / 234 128 14	82	951	383 5	75 / 89 129 14	
				142				143	
								142	
PR # 8	581	928			565	273		285	PR # 8
	565	273							
	16	655							

JOB NO. 0301.~~02~~ 6 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE

SURVEY BY G.E. DRENER WEATHER PTLY CLDY INST. NO. 35234

NOTES BY WILKS DATE 2-14-68 TIME 1:00-1:15 ROD NO. 9E19

INDEXED DATE NOTES CHKD DATE

F.B. 3450 PG. 33

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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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR#8 TO PR#2
PR#8													PR#8
1	70	792	371	5	1/2 20/106	72	276	464	577	5	1/2 240/276	72	
2	194	046	495	5	163/225	72	5	045	306	5	1/2 5/40	70	
						144 ✓						142 ✓	
~~3~~													
~~4~~												144 ✓	
PR#2	264	838 ✓					281	509 ✓				286 ✓	PR#2
	~~281~~	~~509~~					264	838 ✓					
	~~83~~	~~329~~					16	671 ✓					

F.B. 3450 PG. 34

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E.D. NOTES D.L.W.

INDEXED C. J. GALLI DATE

WEATHER OVERCAST INST. NO. 75234

TIME 10:20 - 10:30 ROD NO. 9819

NOTES CHKD [illegible] DATE MAR 20 '68

76P526 CE # 308 3-65

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	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS FROM PR#8 TO PR#3
PR#8											PR#8
1	3	120	304 5	1/2 3/13	20	269	675	570 5	258/280	22	
2	27	803	328 5	1/2 27/57	60	259	336	560 5	229/289	60	
					80					82	
3	71	842	372 5	42/100	58	116	313	417 5	87/145	58	
					138					140	
4	231	432	532 5	206/256	50	74	253	375 5	48/100	52	
					188					192	
5	199	100	500 5	184/214	30	86	285	387 5	73/99	26	
					218					218	
										218	PR#3
PR#3	533	297				805	862			436	
						533	297				
						-272	565				

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G.E. DREIER WEATHER PTCY. CLDY. INST. NO. [illegible]

NOTES BY WILKS DATE 2-14-68 (VD) TIME 1:20-1:45 ROD NO. 9E19

INDEXED DATE NOTES CHKD DATE

F.B. 345c PG. 35

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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.

F.B. 3450 PG. 35 JOB NO. 030106 SURVEY OF Palmdale Reservoir SURVEY BY G.E.P. NOTES D.L.W. DATE INDEXED DATE

WEATHER OVERCAST INST. NO. 75234 TIME 10:05 - 10:20 ROD NO. 9819 NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR# 3 TO PR# 8
PR# 3	1												PR# 3
1	50	208	351	5	26/74	48	227	088	528	5	203/251	48	
2	11	306	312	5	½ 11/49	76	108	012	409	5	69/146	77	
					½ 268/294	124					½ 4/41	125	
3	294	253	595	5		72	6	950	307	5		70	
					264/373	196					½ 5/14	195	
4	264	447	565	5		19	5	778	306	5		18	
						215						213 ✓	
												215 ✓	PR# 8
PR# 8	620	214	✓				347	828	✓			428 ✓	
	347	828	✓										
+	272	386	✓										

76P526 CE # 308 3-65

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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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR#3 TO PR#4
PR#3													PR #3
1	108	857	409	5	75 / 140	65	177	098	478	5	145 / 209	64	
2	177	823	478	5	148 / 206	58	166	770	467	5	134 / 198	64	
						123						128	
3	113	867	414	5	77 / 149	72	152	357	453	5	119 / 186	67	
						195						195	
												195	
PR#4	400	547					496	225				390	PR#4
							400	547					
							95	678					

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G.E. DREIER WEATHER [illegible] INST. NO. 25324

NOTES BY WICKS DATE 2-14-68 TIME 1:45-2:00 ROD NO. 9819

INDEXED DATE NOTES CHKD DATE

F.B. 3450 PG. 37

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3450 Pg. 38 JOB NO. 0301.06
SURVEY OF Palmdale Reservoir
SURVEY BY G.E.D. NOTES D.L.K.
INDEXED Ed Gallo DATE

WEATHER Overcast INST. NO 75334
TIME 9:45-10:05 ROD NO 9919
NOTES CHKD [illegible] DATE MAR 20 86

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR#4 TO PR#3
PR#4					139						59		PR#4
1	276	450	477	5	212	73	97	592	398	5	134	75	
2	114	000	415	5	83 / 145	62	169	080	470	5	138 / 199	61	
3	181	608	482	5	151 / 211	135 / 60	109	703	410	5	79 / 138	136 / 59	
						195 ✓						195 ✓	
												195 ✓	
PR#3	472	058 ✓					376	375 ✓				390 ✓	PR#3
	376	375 ✓											
	+ 95	683 ✓											

76P526 CE # 308 3-65

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM PR 4 TO P.I.D. 1
PR #4									PR 4
1	23	693	324 5	1/2 62 23 78	~~285~~	~~814~~	586 5	1/2 285 246 78	
					~~23~~	~~693~~		78	
					~~262~~	~~121~~		156	
P.I.D. #1									P.I.D. 1
				RERUN					
PR #4 1									PR #4
P.I.D. #1	25	670	326 5	1/2 64 25 78	287	948	588	287 248 78	
					25	670		78	
					-262	278		156	P.I.D #1

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 76724

NOTES BY G.E. DREIER DATE 2-15-68 TIME 9:20 PM ROD NO. 7819

INDEXED DATE NOTES CHKD DATE

F.B. 3450 PG. 39

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D. #1 TO P.R. #4
P.I.D. #1									P.I.D. #1
1	283	239	584 5	1/2 283 / 244 78	21	000	322 5	1/2 60 / 21 78	
	21	000						78	
	262	239						156	PR #4
PR #4									

WEATHER OVERCAST INST. NO 75234

TIME 9:30 TO 9:35 ROD NO 9819

NOTES CHKD [illegible] DATE [illegible]

F.B. 3450 PG. 40 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES G.E. DREIER 2-15-68

INDEXED C.J. GALLI DATE

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D. #1 TO B.M. 101-17
P.I.D. #1									P.I.D #1
1	67	326	368 5	90 44 46	210	091	511 5	233 187 44 46 90	
					67	326			
					142	765			
B.M. 101-17									B.M. 101-17 (U.S.C.&G.S. D-429)

JOB NO. 0301.01 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G.E. DREIER

~~NOTES BY~~ G.E. DREIER DATE 2-15-68 WEATHER OVERCAST INST. NO. 75234

TIME 8:20 TO 9:25 ROD NO. 9419

INDEXED DATE NOTES CHKD DATE

F.B. 3450 PG. 41

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

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

Do not extend notes this side of this line.

F.B. 3450 PG 42 JOB NO. 0301.06
SURVEY OF PALMDALE RESERVOIR
SURVEY BY DREIER NOTES DREIER 2-15-68
INDEXED C.J. GALLI DATE
NOTES CHKD DLM DATE MAR 20 '68
WEATHER OVERCAST INST. NO. 75234
TIME 9:35 TO 2:30 ROD NO. 2419

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM 101-17 TO P.I.D. #1
B.M. 101-17							B.M. 101-17 (U.S.C.&G.S. D-429)
1	213 272 70 508 + 142 764	514 5	236 190 46	70 508	371 5	93 47 46 46 92	
P.I.D. #1							P.I.D. #1

76P526 CE # 308 3-61

PLEASE RETURN TO

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 101-39 TO PALMDALE B-9
B.M. 101-39									B.M. 101-39 (VOIR # 2)
1	214	742	515 5	227 201 26	7	115	308 5	1/2 23 7 32	
2	293	196	594 5	298 288 10 36	10	005	311 5	16 4 12 44	
3	280	387	581 5	287 273 14 50	3	523	304 5	1/2 7 3 8 52	
4	291	313	592 5	296 286 10 60	49	062	350 5	53 44 9 61	
5	226	022	527 5	230 222 8 68	93	953	394 5	96 90 6 67	
								68	
	1305	660			163	658		135	
	163	658							
	1142	002							
PALMDALE B-9									B.M. PALMDALE B-9

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 2-16-68

INDEXED C.J. GALLI DATE

WEATHER PART CLOUDY INST. NO. 75234

TIME 11:40 TO 11:25 ROD NO. 9

NOTES CHKD [illegible] DATE MAR 20 68

F.B. 3450 PG. 43

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F.B. 3458 Pg. 44 JOB NO. 030106 INST. NO. 75234
SURVEY OF PALMDALE RESERVOIR ROD NO. 9
SURVEY BY DREIER NOTES G.E. DREIER 2-16-64 DATE
INDEXED C.J.G. DATE
NOTES CHKD DATE
TIME 11:30 TO 11:45 WEATHER PART CLOUDY

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM PALMDALE B-9 TO B.M. 101-39
PALMDALE B-9							PALMDALE B-9
1	9122	3105	15 3 12	300292	6015	½ 300 294 12	
2	4883	3055	½ 9 4 10 22	300446	6015	½ 300 296 8 20	
3	4897	3055	½ 11 4 14 36	301486	6025	½ 301 294 14 34	
4	4123	3055	½ 18 4 28 64	262783	5635	278 246 32 66 ✓ 64 ✓ 130 ✓	
	23025 ✓			1165007 ✓			
B.M. 101-39				23025 ✓			B.M. 101-39 (VOIR #2)
				1141982 ✓			

Notes Ck'd by	Survey of PALMDALE RESER
~~Map No.~~	~~J.N. 0301.06 Topo 0172 Sht. 68~~ °F
Office Work	Surveyed by R. WILSON
Checked	Notes C. ADAMS Date 7-19-68
Date	Indexed

F. B. 3450 PG. 45

PALMDALE IRRIGATION

DISTRICT RESERVOIR

J.N. 0301.06

ECCENTRIC TIES

P.R. No 1 to P.I.D. No 4

P.R No 4 to P.I.D. No 1

RECHAINED FEB 14, 1968

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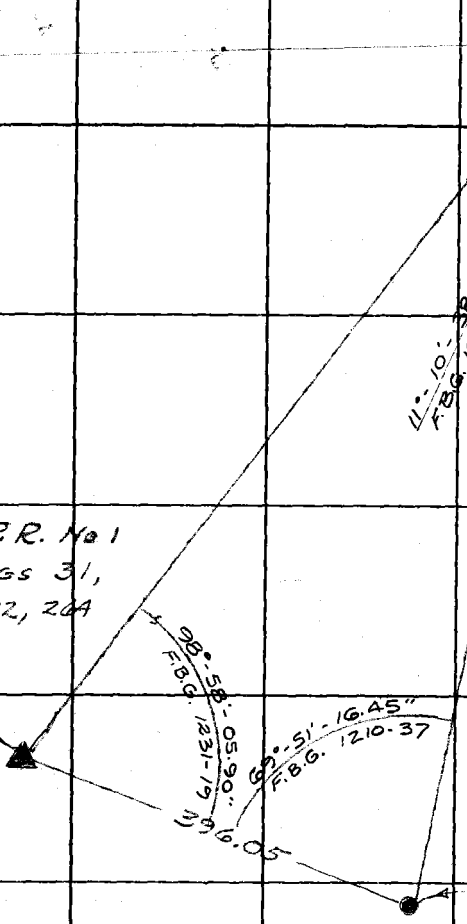
76F3095 CE#810 1-65

F. B. 3450 PG 46



300' TAPE # 221
11.63 @ Lev @ T = 54°
152.93 " " "
196.62 " " "
84.95 " " "
396.13
-.08
396.05

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Notes Ck'd by	Survey of PALMDALE RESERVOIR F.B. 3450 PG. 47
Map No.	JN 07-01-50 Tape M-4 Std. 84 °F
Office Work	Surveyed by RANDALL
Checked	Notes R. DOVER Date 4 FEB 60
Date	Indexed G.J. GALLI

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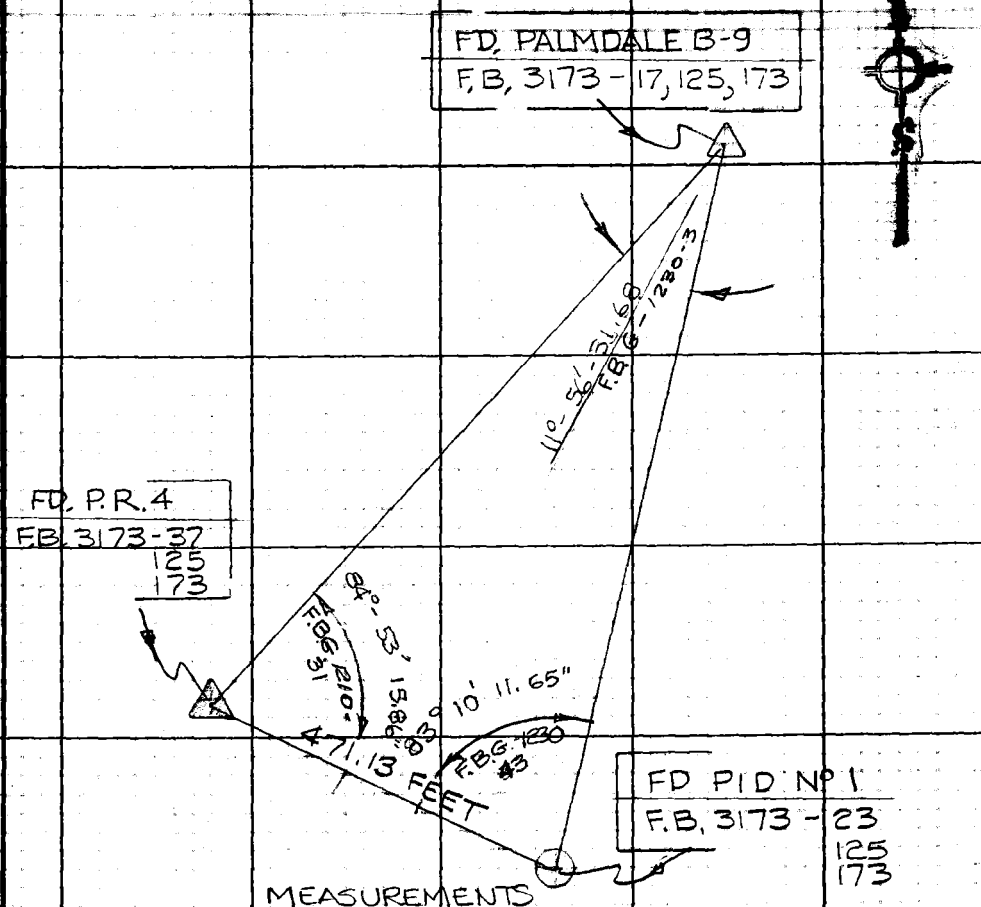

MEASUREMENTS

300' TAPE #228 (84°)

32.12'
214.01'
163.155'
61.915'

471.230 FEET
-0.10 TEMP.
471.13 FEET

TAPE M-4 (84°)
TEMP = 50° @ L

9,791 METERS
35,692
29,550
49,726
18,871

143,630 METERS =
471,226 FEET
-0.10 TEMP.
471,126 FEET

76F309S CE#310 1-65

F. B 3450 PG 48

BLANK

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403 Los Angeles County Engineering Bldg.

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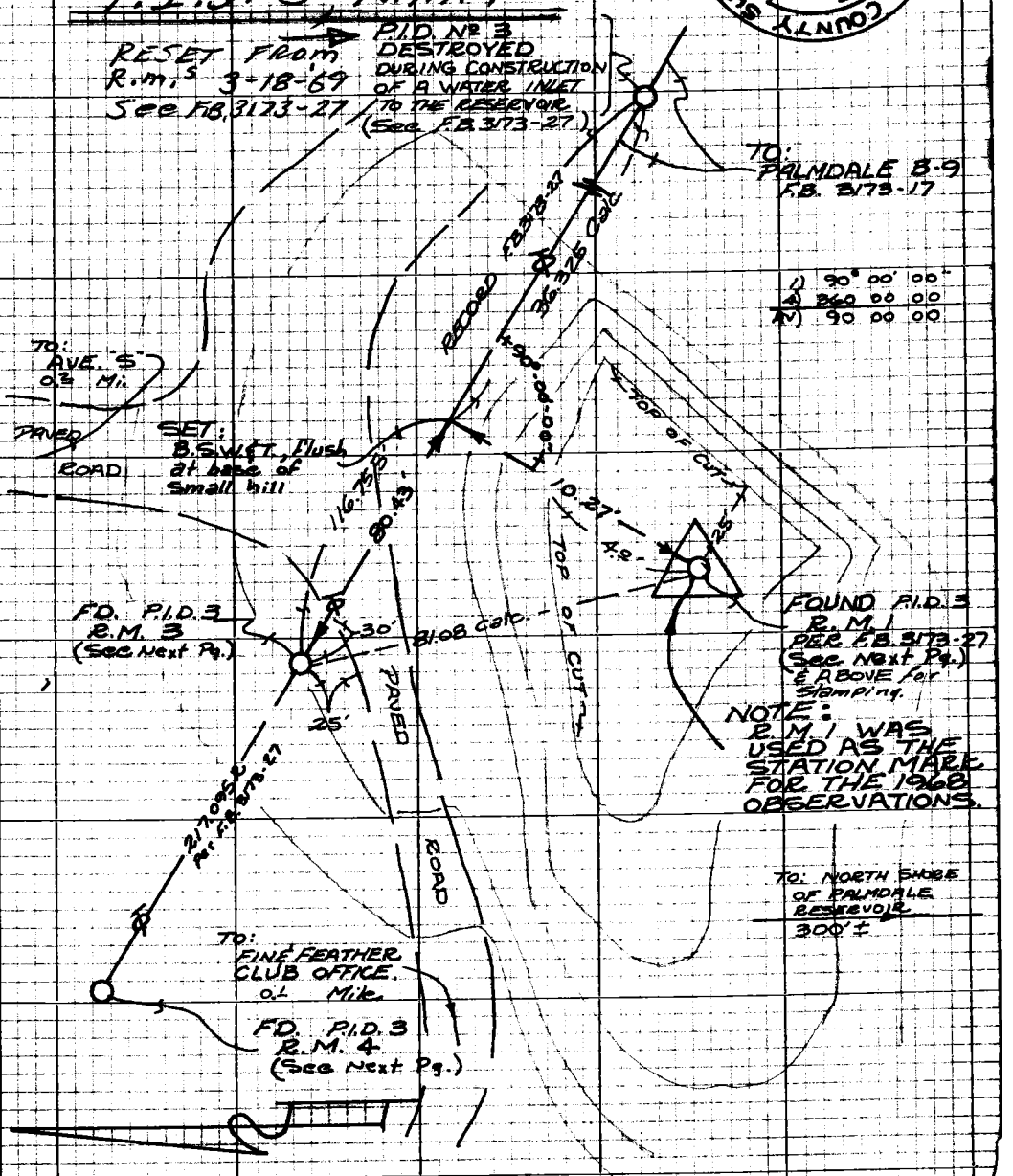
Notes Ck'd by	Survey of Palmdale Reservoir
Map No.	[illegible]
Office Work	Surveyed by Wilson / Randall
Checked	Notes [illegible]
Date	Indexed [illegible]

F.B. 3450 PG. 49

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION

P.I.D. 3, R.M. 1



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403 Los Angeles County Engineering Bldg.

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76P3098 CE #310 5-66

F.B. 3150 Pg. 50

L. A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
P.I.D. 3, R.M. 1

MEASUREMENTS

100' TAPE 0191 TEMP. @ 58° 50 METER TAPE M-4

10.27' @ Elev = 10.27'

80.44' @ Elev = 80.43' 24.516 m @ Elev = 24513 m = 80.426'

AREA: This TRIANGULATION Station is Located in Los Angeles County, near the city of Palmdale & on PRIVATE PROPERTY, owned by the Palmdale Irrigation District. 1100 Ft. West of Sierra Hwy & 1000 Ft South of Avenue "S", near the North Shore line of the Palmdale Reservoir.

NOTE: This station has been used Solely for the purpose of Land movement studies at the Palmdale Reservoir.

ROUTE: From the intersection of Sierra Highway & Palmdale Blvd, in the city of Palmdale, travel South'ly on Sierra Hwy 1.5 mi to the intersection of Ave. "S", turn right (West) on Ave. S, & up slight grade, cross S.P.R.R. tracks @ 300', continue on Ave. S 0.5 Mi. to road on the left, with a gate, the key may be obtained from the P.I.D. office in Palmdale, travel South'ly on this road 0.2 mi. to the Station on a Small hill, ~~& the STATION MARK~~.

STATION MARK: A 4" L.A. CO. SUR. CONT. SYSTEM brass

REFERENCE MARK disc, stamped " R.M. 1 P.I.D. 3 1966 L.A. CO. ENGR. R.E. 5869 ", up 9" and set in a 12" x 12" Conc. Pad.

REFERENCE MARKS: NOTE: Both R.M.'s described below, and shown as found, are to the destroyed Station Mark (P.I.D. 3), See F.B. 3173-27, for original notes.

№ 3: A 4" L.A. CO. SUR. CONT. SYS. brass reference mark disc, stamped " R.M. 3 P.I.D. 3 1967 L.A. CO. ENG'R. R.E. 5869 ", up 8" and set in a 12" x 12" Conc. Pad. on line produced from Palmdale B-9 (F.B. 3173-17) through the original Station mark (P.I.D. 3).

№ 4: Identical to R.M. 3 except stamped " R.M. 4 ", and also on line produced from PAL. B-9 & the original station.

№ 2: A Search for this mark was made but nothing was found, the mark was destroyed along with the station mark. See F.B. 3173-27 for information.

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JOB NO. 0301.06 PALMDALE RESERVOIR SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~

F.B. 3450 Pg. 51

SURVEY BY G.E. Dreier WEATHER INST. NO. 86716

NOTES BY J. Maldonado DATE Dec. 1968 TIME ROD NO. 9&19

INDEXED [redacted] DATE [redacted] NOTES CHKD. 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

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603 Los Angeles County Engineering Bldg.

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____

PALMDALE IRRIGATION DISTRICT RESERVOIR

JOB NO. 0301.06

PRECISE LEVELS, DEC. 1968, PAGES 51 - 98

J. Maldonado
R. Siemann
R. Moore
T. McKnight
J. Stroud

76P526 CE # 308 3-65

F.B. 3450 Pg. 52

JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

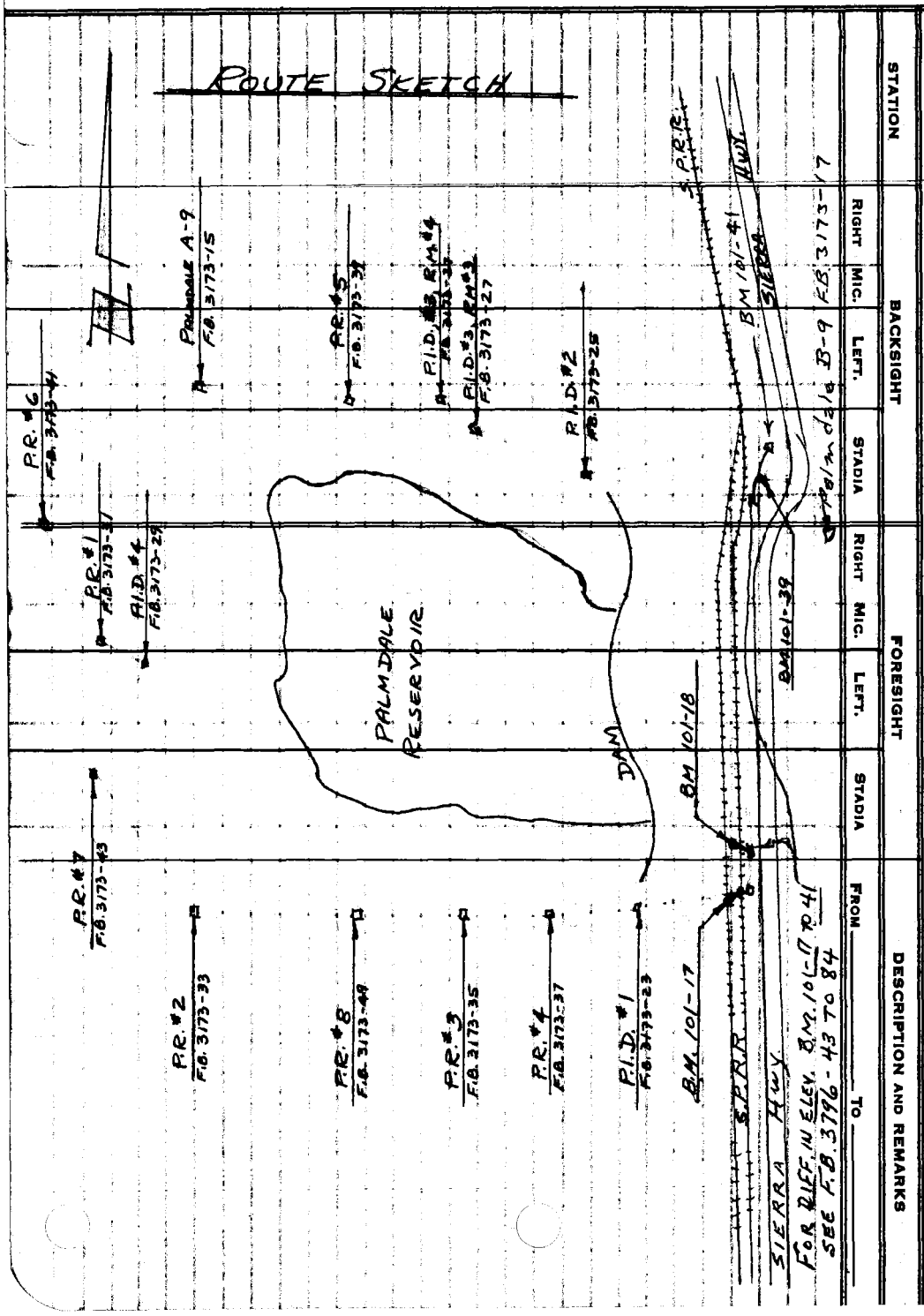
SURVEY BY Dreier NOTES J. Maldonado

INDEXED C.J. GALLI DATE

WEATHER INST. NO. 96716

TIME ROD NO. 9 & 19

NOTES CHKD. DATE



STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ___ TO ___

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526 CE # 308 3-65

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603 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

NOTES BY E. C. Bowers DATE 12/30/68 TIME 9:15 ROD NO. 9 & 9

F.B. 3450 Pg. 53

STATION	NEAR BACKSIGHT ROD					FAR FORESIGHT ROD					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM ____ TO ____
			DETERMINATION OF C								
1	150	493	451	5	152 148 4	115	766	416	5	173 88 54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2 MM
2	153	272	454	5	155 151 4	187	995	488	5	214 160 54	54 " (-) 4 " = 50 " = 0.2 MM
					8					108	Cut Coll. = 0.2 MM
	303	765				303	761			8	
						-	040			100 MTRS	
	303	721				303	721				
	+ 444 MM										
											R. Moore
	+ 0.004 MM = "C"										
	100 ⟌ 0.440										
	400										
	40										

F.B. 3450 Pg. 54 JOB NO 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____

76P526 CE # 308 3-65

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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	Mear BACKSIGHT Rod				Far FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				Determination of "C"					
				154				143	
1	152	983	452 5	150 4	116	465	417 5	89 54	54 Mtrs (-) 4 Mtrs = 50 Mtrs = 0.2 MM
				156				217	
2	153	617	454	151 4	190	063	491 5	163 54	" (-) " = " = 0.2 MM
				8				108	Cur. Corr = 0.4 MM
	306	600			306	528			
	306	488				040			
	+	1.12 MM			306	488			

K - R. Moore

+ .011 M.M. = "C"

100) 1.120
100
120
100
20

JOB NO. 0301-06 SURVEY OF L.A. CO. PRECISE LEVEL NET

T-4L

F.B. 3450 PG. 55

SURVEY BY C.F. Brown

WEATHER Sunny & Clear INST. NO. 96-216

NOTES BY J. Maldonado DATE 12-31-68 TIME 9:15 ROD NO. 9817

INDEXED C.J. DALL DATE NOTES CHKD DATE

F.B. 3450 Pg. 56 JOB NO. 0901.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	Near BACKSIGHT Rod						Far FORESIGHT Rod						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM _____ TO _____
	DETERMINATION OF "C"												
1	152	842	453	5	154 150	4	198	026	499	5	225 171	54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2 MM
2	140	744	441	5	142 138	4	95	691	396	5	122 68	54	54 " (-) 4 " = 50 " = 0.2 MM
						8						108	Cut Corr. = 0.4 MM
	293	586					293	717				-8	
								-040				100 MTRS	
							-293	677					
							293	586					π = Moore
								-0.91 MM					

-.009 MM = "C"

100) 0.910
900
10

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T=59°

SURVEY BY Geo. Dreier WEATHER Sun-Cloud INST. NO. [illegible]

NOTES BY R.C. Bowers DATE 1/2/69 TIME 9.35 ROD NO. 9 & 19

INDEXED [illegible] DATE NOTES CHKD DATE

F.B. 3450 PG. 57

F.B. 3450 Pg. 58 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
									FROM _____ TO _____

76P526 CE # 308 3-65

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JOB NO. 0301-02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. Bowers DATE 1/3/69 TIME 9:10-9:15 ROD NO. 5 & 12
NOTES BY R.C. Bowers DATE 1/3/69 WEATHER Clear T=54° ROD NO. 5 & 12
INDEXED BY DATE NOTES CHKD. BY DATE
F.B. 3450 Pg. 59

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
1	139	428	440 5	141 / 137 4	98	210	349 5	75 / 21 54	54 MTRS (-) 4 MTRS = 50 MTRS @ 2 MM
2	158	333	459 5	160 / 156 4	249	445	550 5	276 / 222 54	54 " (-) 4 " = 50 " @ 2 MM
				8				108	Cor. Gam. = .4 MM
	297	761			297	655		- 8	
						040		100 MTRS	
	297	615			297	615			
	+ 1.46 MM								
									↑ J. Stroud
	+ .014 MM = "C"								
	100 ⟌ 1.460								
	100								
	460								
	400								

P.B. 3450 Pg. 60 JOB NO. 0301.06

SURVEY OF _____ WEATHER _____ INST. NO. _____

SURVEY BY _____ NOTES _____ TIME _____ ROD NO. _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____

76P526 CE # 308 3-65

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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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 101-41 TO PALMDALE B-9
BM 101-41													BM 101-41 (USC&GS J-[illegible])
1	226	680	527	5	240 212	28	49	810	350	5	64 34	30	
2	278	680	579	5	282 274	8	26	020	327	5	29 23	6	
						36						36	
3	270	651	571	5	273 267	6	23	492	324	5	26 20	6	⊼ J. Stroud
						42						42	
4	284	245	585	5	290 278	12	17	820	318	5	22 12	10	
						54						52	
5	276	848	577	5	290 262	28	21	340	322	5	36 6	30	
						82						82	
6	88	458	389	5	114 62	52	16	560	317	5	40 16 (1/2)	48	
						134						130	
	1425	562					155	042				134	
	155	042										264 MTRS	
+	1270	520											
PALMDALE B-9													PALMDALE B-9

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir

SURVEY BY Geo. Dreier

NOTES BY R. C. Bowers DATE 1/3/69

INDEXED [illegible] DATE

WEATHER Clear Cold INST. NO. [illegible]

TIME 9:30-10:20 ROD NO. 9419

NOTES CHKD [illegible] DATE

T = 58°

F.B. 3450 PG. 61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM Palmdale B-9 TO BM 101-41
Palmdale B-9									Palmdale B-9
1	19	613	320 5	43 19 (1/2) 48	91	495	392 5	117 65 52	
2	24	820	325 5	39 9 30 78	280	490	581 5	294 266 28 80	
3	15	950	316 5	20 10 10 88	285	722	586 5	290 280 10 90	
4	34	100	335 5	39 29 10 98	294	700	595 5	299 289 10 100	π J. Stroud
5	46	060	347 5	53 39 14 112	292	970	593 5	298 288 10 110	
6	67	382	368 5	82 52 30 142	233	070	534 5	248 218 30 140 142 282	
	~~167~~ 207	~~945~~ 925			~~1478~~ ~~167~~ ~~1310~~	~~445~~ ~~945~~ ~~500~~			
					1478 207 1270	447 925 522			
BM 101-41									BM 101-41 (USC&GS J-811)

T=62°

F.B. 3450 PG. 62

JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY Dreier NOTES Bowers 1/3/69

INDEXED C.R. GALLI DATE

WEATHER Clear-Calm INST. NO. 96716

TIME 10:25 11:00 ROD NO. 9619

NOTES CHKD [illegible] DATE JAN 16 69

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 50°

NOTES BY S.E. MANN DATE 12-26-68 TIME 1:30 TO 2:45 WEATHER Rain ROD NO. 5 & 12

INCLUDED BY [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

Palmdale Reservoir

F.B. 3450 Pg. 63

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 101-39 TO B.M. [illegible]
B.M. 101-39													B.M. 101-39 (U.S.C.&G.S. VOL. [illegible])
1	127	256	428	5	138 / 116	22	255	463	556	5	266 / 244	22	
							127	256				22	
B.M. 101-41							128	207				44	B.M. 101-41 (U.S.C.&G.S. J. [illegible])
1	139	147	440	5	156 / 122	34	24	201	325	5	41 / 7	34	
2	259	806	560	5	266 / 252	14	80	478	381	5	88 / 72	16	
						48						50	
3	260	733	561	5	273 / 247	26	54	127	355	5	67 / 41	26	
						74						76	
4	239	551	540	5	245 / 233	12	72	103	373	5	77 / 67	10	
						86 ✓						86 ✓	
												86 ✓	
P.I.D. #2	~~026473~~						230	909 ✓				172	P.I.D. #2
	899237 ✓												
	230709 ✓												
	+668328 ✓												

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM PID#2 TO BM 101-39
PID#2													PID#2
1	25	512	326	5	32 / 18	14	282	570	583	5	288 / 276	12	
2	26	285	327	5	33 / 17	16	229	244	530	5	238 / 220	18	
						30						30	
3	103	890	404	5	107 / 99	8	231	670	532	5	236 / 226	10	⊼ J. Stroud
						38						40	
4	30	708	331	5	46 / 30 (½)	32	111	260	412	5	127 / 97	30	
						70 ✓						70 ✓	
	186	395 ✓					854	744 ✓				70 ✓	
							186	395 ✓				140 ✓	MTRS
							668	349 ✓					
BM 101-41													BM 101-41 (USC&GS J-811)
1	272	930	573	5	284 / 260	24 ✓	144	320	445	5	154 / 134	20 ✓	
												24 ✓	⊼ J. Stroud
	144	320 ✓										44 ✓	
+	128	610 ✓											
BM 101-39													BM 101-39 (USC&GS Voir #2)

T = 49°
T = 46°

WEATHER Clear-Calm INST. NO. 96716
TIME 1:40 ROD NO. 9519
NOTES CHKD [illegible] DATE JAN 15 '68

JOB NO. 0301.06
SURVEY OF Palmdale Res.
SURVEY BY Dreier NOTES RC Bowen 12/30/68
INDEXED C.J. GALLI DATE

F.B. 3450 PG. 64

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-39 TO BM 101-41
BM 101-39													BM 101-39 (USC & GS Y01 #2)
1	21	824	322	5	35 7	28	150	465	451	5	163 137	26	
												28	⊼ J. Stroud
							21	824				54 MTRS	
							-128	641					
													RERUN
BM 101-41													BM 101-41 (USC & GS J-811)

JOB NO. 0301-02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Geo. Dreier

NOTES BY R.C. Bowers DATE 1/3/69

INDEXED [illegible] DATE

Palmdale Reservoir

WEATHER Clear-Calm T=56°

TIME 9:20-9:25

NOTES CHKD [illegible]

INST. NO. [illegible]

ROD NO. 9 & 19

DATE [illegible]

F.B. 3450 Pg. 65

F.B. 3450 Pg 66 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____

76P526 CE # 308 3-65

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D. #2 TO P.I.D. #3 RM #3
P.I.D. #2									P.I.D. #2
1	18	189	319 5	½ 56 18 76	208	318	509 5	246 170 76	
2	145	373	446 5	123 117 56	154	872	455 5	183 125 58	
				132				134	
3	143	142	444 5	177 109 68	7	361	308 5	½ 41 7 66	
				200				200	
4	138	097	439 5	142 134 8	222	777	523 5	226 218 8	
				208 ✓				208 ✓	
								208 ✓	
	444	801 ✓			593	328 ✓		416 ✓	
					444	801 ✓			
					-148	527 ✓			
P.I.D. #3 RM #3									P.I.D. #3 RM #3

JOB NO. 0301-~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T-51

SURVEY BY ~~[illegible]~~ PRECISE WEATHER WINDY INST. NO. 86716

NOTES BY SIEMANN DATE 12-26-68 TIME 2:10 TO 2:30 ROD NO. 9919

INDEXED ~~[illegible]~~ DATE NOTES CHKD ~~[illegible]~~ DATE

F.B. 3450 Pg. 67

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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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PDD#3 RM#3 TO PDD#2
PDD#3, RM#3													PDI#3, RM#3
1	114	492	415	5	144 114 (½)	60	186 ~~188~~	695	487	5	246 156	60	
2	163	444	464	5	202 124	78	142	025	443	5	180 104	76	
3	210	462 ~~462~~	511	5	244 176	138 68	11	154	312	5	47 11 (½)	136 72	
						206 ✓						208 ✓	
	488	398 ✓					339	874 ✓				206 ✓	
	339	874 ✓										414	
+	148	524 ✓											⊼ J. Stroud
PDD#2													PDD#2

F.B. 3450 PG. 68

SURVEY OF Palmdale Res. JOB NO. 0301.06

SURVEY BY Dreier NOTES RC Bowers 12/30/68

INDEXED D.J. GALLI DATE

WEATHER Clear Calm T=50° T=49°

TIME 1:05

NOTES CHKD [illegible]

INST. NO. 96716

ROD NO. 9 & 19

DATE JAN 16 '69

76P526 CE # 308 3-65

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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.I.D. #3 RM #3 TO P.I.D. 3 RM #4
PID #3 RM #3													PID #3 RM #3
					27						285		
1	16	746	317	5	5	22	234	358	535	5	223	22	
					144						163		
2	138	694	439	5	132	12	157	797	458	5	151	12	
						34 ✓						34 ✓	
	155	440 ✓					392	155 ✓				34 ✓	
							155	440 ✓				68 ✓	
							-236	715 ✓					
PID #3 RM #4													PID #3 RM #4

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

Palmdale Reservoir T-53

SURVEY BY U.E. Dreier WEATHER Sunny Pleas INST. NO. 96 [illegible]

NOTES BY J. Maldonado DATE 12-27-68 TIME 10 30 to 10 40 ROD NO. 9 & 19

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE

F.B. 3450 Pg. 69

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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.I.D #3, RM #4 TO P.I.D #3, RM #3
P.I.D #3, RM #4													P.I.D #3, RM #4
1	171	148	472	5	184 158	26	62	313	363	5	75 49	26	
2	203	468	504	5	207 199	8	75	628	376	5	79 71	8	
						34						34	
	374	616					137	941				34	
	137	941										68	MTRS
+	236	675											
													⊼ R. Moore
P.I.D #3, RM #3													P.I.D #3, RM #3

F.B. 3450 PG. 70

SURVEY OF Palmdale Res. JOB NO. 0301.06

SURVEY BY Dreier NOTES RC Brooks - 12/30/68

INDEXED E. J. GALLI DATE

WEATHER Clear-Calm INST. NO. 96716

TIME 11:50 ROD NO. P-10

NOTES CHKD. [illegible] DATE JAN 18 69

7-50-

7-50-

76P526 CE # 308 3-65

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM PID #3 RM #4 TO B.M. PR #5
P.I.D. #3 RM #4									P.I.D. #3 RM #4
				270				84	
1	289	938	590 5	289 (½) 38	65	495	365 5	46 38	
				140				42	
2	114	493	415 5	88 52	15	527	316 5	15 (½) 54	
				90				92	
				300				24 (½)	
3	283	658	584 5	266 34	7	634	308 5	7 34	
				124				126	
				245				122	
4	217	197	518 5	189 56	94	742	395 5	66 56	
				180				182	
				201				147	
5	184	420	485 5	167 34	180	739	481 5	163 34	
				214				216	
								214	
B.M. PR #5	1089	706			364	137		430	B.M. PR #5
	364	137							
	725	569							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

Palmdale Reservoir

SURVEY BY [illegible]

NOTES BY Maldonado DATE 12-27-68 TIME 10:40 to 11:20 ROD NO. 9 & 16

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE

WEATHER Sunny & Clear T = 56°

INST. NO. [illegible]

F.B. 34 50 Pg. 71

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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM PR#5 TO PD1#3, RM#4
PR#5													PR#5
1	144	172	445	5	176 / 112	64	215	255	516	5	246 / 184	62	
2	142	650	443	5	160 / 124	36	279	219	580	5	297 / 261	36	
						100						98	
3	12	018	313	5	27 / 12 (1/2)	30	292	633	593	5	292 / 276 (1/2)	32	
						130						130	
4	102	638	403	5	121 / 83	38	153	970	454	5	173 / 133	40	⊼ R. Moore
						168						170	
5	110	731	411	5	136 / 84	52	296	813	597	5	296 / 278 (1/2)	46	
						220						216	
	512	209					1237	890				220	
							512	209				436	MTRS
							725	681					
PD1#3, RM#4													PD1#3, RM#4

T=54°
T=50°

WEATHER Clear, Lt. Breeze INST. NO. 96716
TIME 11:20 ROD NO. 9519
NOTES CHKD [signature] DATE JAN 15 69

JOB NO. 0301.06
SURVEY OF Palmdale Res.
SURVEY BY Dreier NOTES R.C. Bowen 12/30/68
INDEXED C.J. GALLI DATE

F.B. 3450 PG. 72

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

603 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM PR #5 TO A-9
BM PR #5									BM PR #5
				160				260	
1	115	515	416 5	70 90	215	776	516 5	170 90	
				301				62	
2	290	153	591 5	279 22	51	832	352 5	40 22	
				235 112				33 112	
3	223	447	524 5	211 24	21	443	322 5	9 24	
				277 136				24 136	
4	271	910	572 5	265 12	18	286	319 5	12 12	
				296 148				25 148	
5	292	368	593 5	287 9	19	493	320 5	13 12	
				157 ✓				160 ✓	
								157 ✓	
	1193	393 ✓			326	830 ✓		317	
A-9	326	830 ✓							A-9
	+866	563 ✓							

JOB NO. 0301.~~02~~ .06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T: 54°

SURVEY BY G. E. Drever WEATHER Sunny & windy INST. NO. [illegible]

NOTES BY J. Maldonado DATE 12-27-68 TIME 11:25 to 11:55 ROD NO. 9219

INDEXED C. J. [illegible] DATE NOTES CHKD [illegible] DATE

F.B. 3450 PG. 73

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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM A-9 TO PR#5
A-9													A-9
1	32	784	333	5	41 23	18	286	971	587	5	294 278	16	
2	11	223	312	5	15 7	8	290	312	591	5	295 285	10	
						26						26	
3	13	140	314	5	26 0	26	231	399	532	5	244 218	26	
						52						52	
4	20	832	321	5	73 20 (1/2)	106	135	680	436	5	186 84	102	
						158						154	
	77	979					944	362				158	⊼ R. Moore
							77	979				312	
							866	383					
PR#5													PR#5

T=45°
T=52°

WEATHER Clear Lt. Breeze INST. NO. 96716
TIME 10:30 ROD NO. 9419
NOTES CHKD [signature] DATE JAN 16 '69

JOB NO. 0301.06
SURVEY OF Palmdale Res.
SURVEY BY Dreier NOTES RC Bowers 12/30/68
INDEXED C. J. GALLI DATE

F.B. 3450 PG. 74

76P526 CE # 308 3-65

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
P.R.#5									FROM P.R. BM #5 TO BM A-9
									P.R. #5
1	116	231	417 5	163 69 94	102	325	403 5	149 53 96	
2	290	784	591 5	290 273 (1) 34	029	485	330 5	46 12 34	
				128				130	
3	264	484	565 5	271 257 14	025	036	326 5	32 18 14	
				142				144	
4	275	737	576 5	279 271 8	042	062	343 5	40 38 8	
				150				152	
5	220	950	521 5	224 216 8	102	652	403 5	106 98 8	
				158				160	
	1168	186			301	560		158	
	301	560							
	+866	626						318 mtrs.	
A-9									A-9

π R. Moore

ReRun

JOB NO. 0301-02 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir

SURVEY BY Geo. Greer

NOTES BY T. Parkhurst DATE 1/2/69

INDEXED [illegible] DATE

WEATHER Clear Calm

TIME 2:00

NOTES CHKD [illegible] DATE

INST. NO. 81716

ROD NO. 9 of 19

F.B. 3450 PG. 75

T=680

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM Palmdale A-9 TO P.R. #5
Palmdale A-9									~~P.R.~~ # Palmdale A-9
1	13	564	314 5	20 6 14	295	903	596 5	302 288 14	
2	12	454	313 5	18 6 12	264	018	565 5	270 258 12	
				26				26	
3	22	564	323 5	34 10 24	223	073	524 5	234 212 22	
				50				48	π = R. Moore
4	108	341	409 5	116 100 16	227	178	528 5	236 218 18	
				66				66	
5	102	543	403 5	148 56 92	115	878	416 5	167 69 92	
				158				158	
	259	466			1126	050		158	RERUN
					259	466		316 MTRS	
					866	584			
P.R. #5									P.R. #5

T=65°

WEATHER Clear-H. Breeze INST. NO. 96716

TIME 11:25-11:50 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE JAN 16 69

JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY Breier NOTES R.C. Bowen 1/3/69

INDEXED R.T. GALLI DATE

F.B. 3450 PG. 76

76P526 CE # 308 3-65

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM A-9 TO PR#6
A-9									A-9
				22				286	
1	13	657	314 5	4 18	276	840	577 5	266 20	
				31				300	
2	17	742	318 5	3 28	300	474	601 5	288 (½) 24	
				46				44	
				22				276	
3	17	468	318 5	12 10	269	598	570 5	262 14	
				56				58	
				17				284	
4	13	110	314 5	9 8	279	032	580 5	274 10	
				64				68	
				26				180	
5	17	587	318 5	8 18	171	016	472 5	162 18	
				82				86	
				107				193	
6	91	904	392 5	75 32	177	558	478 5	161 32	
				114				118	
				235				260	
7	198	529	499 5	161 74	225	910	526 5	190 70	
				188 ✓				188 ✓	
								188 ✓	
	369	997 ✓			1700	428 ✓		376 ✓	
					369	997 ✓			
					− 1330	431 ✓			
PR#6									PR#6

JOB NO. 0301.02 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T-52°

SURVEY BY J. Maldonado DATE 12-27-68 TIME 1:10 to ROD NO. 9819

NOTES BY J. Maldonado DATE 12-27-68 TIME 1:10 to ROD NO. 9819

INDEXED DATE NOTES CHKD DATE

F.B. 3450 Pg. 77

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

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

Do not extend notes this side of this line.

F.B. 3450 Pg. 78 — JOB NO. 03106 — INST. NO. 2676 — ROD NO. 2511 — DATE 1-48

SURVEY OF Elmdale Est. — WEATHER Clear Calm — TIME 7:55 — NOTES —

SURVEY BY Duce — NOTES E.C. Bowers 12/30/48 — DATE —

INDEXED D.A. GALLI — NOTES —

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM PR#6 TO A-9
PR#6											PR#6
1	201	355	502	5	22'9 178 46	90	484	391	5	11'4 66 48	
2	170	526	471	5	195 145 50	39	354	340	5	63 15 48	
					96					96	
3	259	098	560	5	275 243 32	96	332	397	5	112 80 32	
					126					128	
4	286	627	587	5	292 280 12	21	364	322	5	28 14 14	
					140					142	
5	295	948	596	5	295 287(½) 16	15	584	316	5	22 8 14	T = R. Moore
					156					156	
6	276	700	577	5	290 262 28	34	774	335	5	48 20 28	
					184					184	
7	240	143	541	5	24'3 237 6	102 ✓	250	403	5	105 99 6	
					190					190 ✓	
	1730	397 ✓				400	142 ✓			190 ✓	
	400	142 ✓								380 ✓	METRS
	+ 1330	255 ✓									
A-9											A-9

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

03 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.R. #6 TO P.R. #1
P.R. #6													P.R. #6
					59						209		
1	35	814	336	5	11	48	185	963	486	5	161	48	
					111						144		
2	99	320	400	5	87	24	130	506	431	5	116	28	
					178	72					112	76	
3	148	582	449	5	118	60	84	770	385	5	56	56	
					220	132					95	132	
4	193	365	494	5	166	54	68	463	369	5	41	54	
					165	186					127	186	
5	161	482	462	5	157	8	123	307	424	5	119	8	
						194						194	
												194	
												388	
	638	563					593	009					
P.R. #1	593	009											P.R. #1
	+ 45	554											

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T=56

SURVEY BY A.E. Drexler WEATHER Sunny & Windy INST. NO. 96711

NOTES BY J. Maldonado DATE 12-27-68 TIME 1:50 to 2:15 ROD NO. 9819

INDEXED ~~E.B. CALL~~ DATE NOTES CHKD ~~[illegible]~~ DATE

F.B. 3450 PG. 79

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM PR#1 TO PR#6
BM PR#1									PR#1
1	75	111	376 5	94 56 38	194	046	495 5	213 175 38	
2	126	618	427 5	150 102 48	156	769 ~~77~~	457 5	180 132 48	
				86				86	
3	152	328	453 5	180 124 56	150	827	451 5	178 122 56	
				142				142	⊼ R. Moore
4	192	002	493 5	218 166 52	89	938	390 5	114 64 50	
				194				192	
5	546	059			591	580		194	
					546	059		386	MTRS
					45	521			
PR#6									PR#6

F.B. 3450 Pg. 80

JOB NO. 0301.06

SURVEY OF Palmdale Res.

SURVEY BY Dreier NOTES R.C. Bowers 12/30/68

INDEXED C.H. GALLI DATE

WEATHER Clear - Lt. Breeze INST. NO. 96716

TIME 9:35 ROD NO. 9519

NOTES CHKD [illegible] DATE

T = 46°
T = 48°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

303 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM PR #1 TO PID #4
PR #1									P.R. #1
				80				219	
1	57	452	358 5	57 (1/2) 46	197	727	498 5	175 44	
				146				191	
2	139	618	440 5	132 14	183	350	484 5	175 16	
				60 ✓				60 ✓	
								60 ✓	
	197	070 ✓			381	077 ✓		120 ✓	
					197	070 ✓			
					-184	007 ✓			
PID #4									PID #4

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

Palmdale Reservoir T-52"

SURVEY BY G.B. Draper WEATHER Overcast Warmer INST. NO. 86716

NOTES BY J. Maldonado DATE 12-27-68 TIME 2:15 to 2:38 ROD NO. 9919

INDEXED [illegible] DATE NOTES CHKD. [illegible] DATE [illegible]

F.B. 3450 PG. 81

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D #4 TO PR #1
P.I.D #4									P.I.D #4
1	277	727	578 5	293 261 32	117	171	418 5	133 101 32	
2	179	127	480 5	196 162 34	155	702	456 5	172 138 34	
				66				66	
	456	854			272	873		66	
	272	873						132	MTRS
	+183	981							
									⊼ R. Moore
PR #1									P.R. #1

T=68°
T=76°

WEATHER Clear Calm INST. NO 96716
TIME 9:25 ROD NO 9519
NOTES CHKD [illegible] DATE JAN 16 69

JOB NO. 0341.06
SURVEY OF Palmdale Res.
SURVEY BY Dreier NOTES R.C. Bowen 12/30/68
INDEXED D.J. GALLI DATE

F.B. 3450 PG. 82

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

203 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D. #4 TO P.R. #7
P.I.D. #4									P.I.D. #4
1	279	110	580 5	279 / 254 (½) 50	146	522	447 5	172 / 120 52	
2	109	279	410 5	132 / 86 46	179	326	480 5	202 / 156 46	
3	142	679	443 5	176 / 108 96 / 68	52	700	353 5	85 / 52 (½) 98 / 66	
4	203	998	504 5	208 / 198 164 / 10 / 174	104	911	405 5	109 / 99 164 / 10 / 174	
	735	066			483	459		174 / 348	
	483	459							
	+251	607							
P.R. #7									P.R. #7

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T-46

NOTES BY J. Maldonado DATE 12-31-68 TIME 9:30 to 9:55 ROD NO. 9219

F.B. 3450 PG. 83

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.R. #7 TO P.R. #4
P.R. #7									P.R. #7
1	013	497	314 5	27 -1 28	193	060	494 5	207 179 28	
2	143	338	444 5	170 116 54	161	178	462 5	187 135 52	
3	144	958	445 5	172 116 82 56	111	514	412 5	141 81 80 60	
4	172	662	473 5	189 155 138 34	260	281	561 5	277 243 140 34	
	474	455		172	726	033		174	
					474	455		172	AR. Moore
				-	251	578		346	MTRS.
P.R. #4									P.R. #4

F.B. 3450 Pg. 84 JOB NO. 0301.06

SURVEY OF PALM DALE Reservoir

SURVEY BY Dreier NOTES T. Donlevy 1/2/69

INDEXED C. L. CALLI DATE

WEATHER Clear Calm INST. NO. 96716

TIME 1:13 ROD NO. 9419

NOTES CHKD [illegible] DATE JAN 16 69

T = 680

76P526 CE # 308 3-65

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM PR #7 TO P.R. #2
P.R. #7									P.R. #7
				31				179	
1	15	048	316 5	-1 32	163	280	464 5	147 32	
				155				104	
2	134	520	435 5	113 42	82	955	383 5	60 44	
				176 74				222 76	
3	149	104	450 5	122 54	195	592	496 5	168 54	
				238 128				30 130	
4	219	228	520 5	200 38	11	062	312 5	11 (2) 38	
				242 166				72 168	
5	233	076	534 5	224 18	64	317	365 5	56 16	
				206 184				68 184	
6	201	312	502 5	196 10	63	345	364 5	58 10	
				194 ✓				194 ✓	
								194 ✓	
	952	288 ✓			580	551 ✓		388 ✓	
	580	557 ✓							
	371	737 ✓							
P.R. #2									P.R. #2

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T-50'

~~SURVEY BY~~ G.E. Drake ~~WEATHER~~ Sunny & clear ~~NO. 86716~~

NOTES BY J. Maldonado DATE 12-31-68 TIME 9:55 to 10:25 ROD NO. 9819

~~INDEXED~~ ~~DATE~~ ~~NOTES CHKD~~

P.B. 3450 PG. 85

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.R. #2 TO P.R. #7
P.R. #2									P.R. #2
1	034	750	335 5	41 / 27 14	228	483	529 5	235 / 221 14	
2	029	514	330 5	39 / 19 20	255	100	556 5	265 / 245 20	
3	082	120	383 5	100 / 64 34 / 36	171	690	472 5	190 / 152 34 / 38	
4	218	597	519 5	249 / 192 70 / 52	181	434	482 5	208 / 154 72 / 54	
5	075	344	376 5	96 / 54 122 / 42	147	859	448 5	166 / 128 126 / 38	A. R. Moore
6	230	564	531 5	245 / 215 164 / 30	058	075	359 5	73 / 43 164 / 30	
				194				194	
								194	
	670	889			1042	641		388	MTRS.
					670	889			
					371	752			
P.R. #7									P.R. #7

T = 66°

F.B. 3458 Pg. 86

JOB NO. 0301.06

SURVEY OF PALMDALE Reservoir

SURVEY BY Dreien NOTES T. Dunlevy 1/2/69

INDEXED B. J. GALLI DATE

WEATHER Clear-Calm INST. NO. 96716

TIME 11:35 ROD NO. 9419

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.R. #2 TO P.R. #8
P.R. #2									P.R. #2
				235				37	
1	221	550	522.5	207 28	25	942	326.5	13 24	
				269				49	
2	263	050	564.5	257 12	41	385	342.5	33 16	
				266 40				27 40	
3	260	388	561.5	254 12	19	407	320.5	11 16	
				272 52				142 56	
4	262	481	563.5	252 20	132	342	433.5	122 20	
				186 72				298 76	
5	169	092	470.5	152 34	298	348	599.5	283 (1/2) 30	
				25 106				289 106	
6	14	613	315.5	14 (1/2) 22	278	840	579.5	267 22	
				36 128				295 128	
7	22	529	323.5	8 28	283	590	584.5	271 24	
				139 156				258 152	
8	132	299	433.5	125 14	249	590	550.5	240 18	
				170				170	
								170	
	1346	002			1329	444		340	
	1329	444							
	+16	558							
P.R. #8									P.R. #8

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T-52'

~~SURVEY BY~~ G.E. Drover ~~WEATHER~~ Sunny & Clear ~~INST. NO.~~ 96716

NOTES BY Mahonado DATE 12-31-68 TIME 10:25 PM ROD NO. 9819

~~INDEXED~~ ~~DATE~~ ~~NOTES CHKD~~ ~~DATE~~

F.B. 3450 PG. 87

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM PR #8 TO PR #2
PR #8									PR #8
1	187	750	488 5	196 178 18	030	387	331 5	40 20 20	
2	289	792	590 5	301 277 24	066	117	367 5	78 54 24	
3	289	858	590 5	299 279 42 20	085	507	386 5	94 76 44 18	
4	289	539	590 5	295 283 62 12	115	172	416 5	121 109 62 12	T R. Moore
5	098	565	399 5	116 80 74 36	177	730	478 5	195 159 74 36	
6	025	756	326 5	32 18 110 14	265	522	566 5	272 258 110 14	
7	016	218	317 5	25 7 124 18	299	620	600 5	299 289 124 20	
8	023	564	324 5	35 11 142 24	197	590	498 5	207 187 144 20	
				166				164 ✓	
	1221	042 ✓			1237	645 ✓		166 ✓	
					1221	042 ✓			
					-16	603 ✓		330 ✓	mtes.
P.R. #2									P.R. #2

F.B. 3450 Pg. 88

SURVEY OF Palmdale Reservoir JOB NO. 0301.06

SURVEY BY Dreier NOTES T. Dunkley 1-2/69

INDEXED R.J. GALLI DATE

WEATHER Clear - Calm INST. NO. 97616

TIME 10:50-11:30 ROD NO. 9619

NOTES CHKD [illegible] DATE [illegible] 69

t = 66°

76P526 CE # 308 3-65

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — PALMDALE RESERVOIR

NOTES BY R.C. Bowers DATE 12/31/68 TIME 11:00 To 11:25 ROD NO. 8 F/G — WEATHER Sunny, Hillside Cover — SURVEY BY Gene Dreier

T-52 P

F.B. 3450 Pg 89

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.R. #8 TO P.R. #3
P.R. #8									P.R. #8
1	24	089	325	5 32 16 16	233	074	534	5 247 225 16	
2	16	520	317	5 30 2 28	189	188	490	5 207 177 30	
				44				46	
3	61	135	362	5 88 34 54	209	780	510	5 235 183 52	
				98				98	
4	74	207	375	5 98 50 48	60	898	361	5 84 36 48	
				146				146	
5	230	385	531	5 252 208 44	90	286	391	5 111 69 42	
				190				188	
6	181	411	482	5 193 169 24	77	535	378	5 90 64 26	
				214 ✓				214 ✓	T R. Moore
	588	247 ✓			860	711 ✓		214 ✓	
					588	247 ✓		426 METRS	
					− 272	464 ✓			
P.R. #3									P.R. #3

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM PR #3 TO PR #8
PR #3									PR #3
1	58 73	676	359 5	76 40 36	186	716	487 5	203 169 34	
2	~~74~~	970	374 5	94 52 42	221	113	522 5	242 200 42	
3	83	366	384 5	108 58 78 50	66	454	367 5	91 41 76 50	
4	252	446	553 5	280 224 128 56	69	265	370 5	98 40 126 58	
5	232	742	533 5	245 219 184 24	28	775	329 5	90 16 184 24	R. MOORE
6	206	860	507 5	211 201 208 10	63	158	364 5	68 58 208 10	
		060		218		481		218	
	908	~~060~~			635	~~281~~		218	
	635	481						436	mtrs.
	272	579							
+	~~272~~	~~759~~							
P.R. #8									P.R. #8

T = 63°

WEATHER Clear-Calm INST. NO. 96716

TIME 10:00-10:30 ROD NO. 9E19

NOTES CHKD [illegible] DATE

JOB NO. 0301.06

SURVEY OF Palm Dale Reservoir

SURVEY BY Dreier NOTES T. Donkey 1/3/69

INDEXED C.J. GALLI DATE

F.B. 3450 Pg. 90

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

303 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.R. #3 TO P.R. #4
P.R. #3													PR #3
1	106	292	407	5	132 / 80	52	164	698	465	5	189 / 139	50	
2	152	370	453	5	184 / 120	64	101	458	402	5	135 / 67	68	
						116						118	
3	92	816	393	5	105 / 79	26	148	550	449	5	160 / 136	24	
						142						142	
4	39	259	340	5	69 / 9	60	71	928	372	5	101 / 71 (½)	60	
						202						202	
	390	737					486	634				202	π R. Moore
							390	737				404	MTRS
							− 95	897					
P.R. #4													P.R. #4

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T=52°

SURVEY BY [illegible] WEATHER Clear U.S. PRECISION NO. [illegible]

NOTES BY R.C. Bowers DATE 12/31/68 TIME 11:25-11:45 ROD NO. 9419

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

F.B. 3450 Pg. 91

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.R. #4 TO P.R. #3
P.R. #4									P.R. #4
1	109	750	410 5	139 79 60	060	434	361 5	90 60 (½ 60	
2	193	648	494 5	216 170 46	207	360	508 5	231 183 48	
3	157	586	458 5	178 136 106 42	153	438	454 5	173 133 108 40	
4	163	604	464 5	188 138 148 50	107	648	408 5	132 82 148 50	← R. Moore
	624	588 ✓		198	✓ ~~1068890~~			198 ✓	
	528	880 ✓			~~624588~~			198 ✓	
								396	MTRS.
+	95	708 ✓			~~444302~~				
					528880 ✓				
P.R. #3									P.R. #3

T = 59°

WEATHER Clear Calm INST. NO. 96716

TIME 9:35-10:00 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE JAN 16 '69

JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY Dreier NOTES T. Dougherty 1/2/69

INDEXED C. J. GALLI DATE

P.B. 3450 Pg. 92

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

103 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.R.#4 TO P.I.D.#1
P.R.#4													P.R.#4
1	23	939	324	5	32 / 14	18	221	699	522	5	230 / 212	18	
2	65	920	366	5	79 / 51	28	148	713	449	5	162 / 134	28	
						46						46	
3	162	250	463	5	187 / 143	38	144	183	445	5	164 / 124	40	
						84 ✓						86 ✓	
	252	109 ✓					514	595 ✓				84 ✓	⊼ R. Moore
							252	109 ✓				170 MTRS	
							− 262	486 ✓					
P.I.D.#1													P.I.D.#1

JOB NO. 0301.~~02~~ .06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir

SURVEY BY ~~[illegible]~~ WEATHER ~~[illegible]~~ INST. NO. ~~[illegible]~~

NOTES BY R. C. Bowers DATE 12/31/68 TIME 11:45-12:05 ROD NO. 9 & 19

INDEXED ~~[illegible]~~ DATE NOTES CHKD ~~[illegible]~~ DATE

T=52°

F.B. 3450 PG. 93

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D. #1 TO P.R. #4
P.I.D. #1									P.I.D. #1
1	299	~~770~~ 780	600 5	299 260 (1/2) 78	37	256	338 5	77 37 (1/2) 80	
								78	
	37	256						158	
+	262	524							
									π R. Moore
P.R. #4									P.R. #4

T=50°

WEATHER Clear-H. Breeze INST. NO. 96716

TIME 2:10 - 2:20 ROD NO. 9419

NOTES CHKD [illegible] DATE

JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY Dreier NOTES RC Bowers 12/31/68

INDEXED C.B. GALLI DATE

F.B. 3450 PG. 94

76P526 CE # 308 3-65

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D #1 TO BM 101-17
P.I.D #1									P.I.D. #1
1	69	195	370 5	92 46 46	211	558	512 5	234 188 46	
								46	
					69	195		92	MTRS
					-142	363			
									π J. Stroud
BM 101-17									BM 101-17 (USC&GS D-429)

JOB NO. 0301-~~02~~ .06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T-54°

SURVEY BY ~~[illegible]~~ WEATHER ~~[illegible]~~ INST. NO. ~~[illegible]~~

NOTES BY R.C. Bowers DATE 12/31/68 TIME 12:15-12:20 ROD NO. 9 & 19

INDEXED ~~[illegible]~~ DATE NOTES CHKD ~~[illegible]~~ DATE ~~[illegible]~~

F.B. 3450 PG. 95

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.

WEATHER Clear-Lt. Breeze INST. NO. 26716
TIME 1:50 - 2:30 ROD NO. 2412
NOTES CHKD DATE

T-52°

F.B. 3450 PG. 96 JOB NO. 0381.06
SURVEY OF Palmdale Reservoir
SURVEY BY Dreier NOTES Bowers, 12/31/68
INDEXED D.L. CALL DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-17 TO P.L.D. #1
BM 101-17									BM 101-17 (USC&GS D429)
1	212	538	513	5	70	280	371	5	
				238 / 188 / 46 ✓				93 / 47 / 46 ✓	
	70	280 ✓						46	
+	142	258 ✓						92' MTRS	
PID #1									PID #1
				REROD	12/31/68, T=52°, 2:00				
									π = J. Stroud
BM 101-17									BM 101-17
1	213	230	514	5	70	960	371	5	π - Stroud
				236 / 190 / 46 ✓				93 / 47 / 44 ✓	
	70	960 ✓						46	
+	142	270 ✓						90 MTRS	
P.L.D. #1									P.L.D. #1

76P526 CE # 308 3-65

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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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-17 TO BM 101-18
B.M. 101-17													BM 101-17 (USC&GS D-429)
1	93	214	394	5	104 82	22	182	882	483	5	194 170	24	
							93	214				22	
							89	668				46	MTRS
													π J. Stroud
BM 101-18													BM 101-18 (USC&GS C 429)

JOB NO. 0301-~~02~~ .06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir

SURVEY BY Geo. Dreier

NOTES BY R.C. Bowers DATE 12/31/68

INDEXED [illegible] DATE

WEATHER [illegible] T=52°

TIME 1:30-1:40

NOTES CHKD [illegible] DATE

INST. NO. [illegible]

ROD NO 9 & 19

F.B. 3450 PG. 97

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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 101-18 TO BM 101-17
BM 101-18													BM 101-18 (USC&GS C-429)
1	182	422	483	5	194 170	24	92	790	393	5	102 82	20	
												24	
	92	790										44	MTRS
	+ 89	632											
													⊼ J. Stroud
BM 101-17													BM 101-17 (USC&GS D 429)
													FOR DIFF. IN ELEVATIONS, B.M. 101-17 TO 101-41 SEE F.B. 3796 - 43 TO 84

WEATHER Clear-Lt. Breeze INST. NO. 96216
TIME 1:40-1:50 ROD NO. 9519
NOTES CHKD [illegible] DATE [illegible]

T-52°

JOB NO. 0301.06
SURVEY OF Palmdale Reservoir
SURVEY BY Dreier NOTES Bowers, 12/31/68
INDEXED [illegible] DATE

F.B. 3450 PG. 98

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

F.B. 3450 Pg. 99

SURVEY BY DREIER WEATHER INST. NO.

NOTES BY DATE MARCH 1969 TIME ROD NO.

INDEXED [redacted] DATE [redacted] NOTES CHKD. DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM / TO
									PALMDALE IRRIGATION DISTRICT RESERVOIR
									JOB NO. 0301.06
									MARCH 1969 RELEVELING
									DREIER
									MALDONADO
									MCKNIGHT
									STROUD

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

Do not extend notes this side of this line.

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

76P526 CE # 308 3-65

F.B. 3450 Pg. 100

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY _____ NOTES 3-10-69

INDEXED [redacted] DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

SEE PAGES 10 AND 52 FOR ROUTE SKETCH

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76P526 CE # 308 3-65

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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.

JOB NO. 030196 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY G. E. DREIER DATE 3-10-69 TIME 9:45 WEATHER CLEAR INST. NO. 96716
INDEXED ROD NO. 9819
PALMDALE RESERVOIR 42°
F.B. 3450 Pg. 161

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
				DETERMINATION OF "C"					
1	141	870	442 5	143 139 4	202	551	503 5	228 176 52	52 m − 4 m = 48 m = 0.28 mm
2	127	150	428 5	129 125 4/8	66	496	367 5	92 40 52	52 m − 4 m = 48 m. = 0.28 mm
								104 8 96	CURVE COR. = 0.04 mm
	269	020			269	047			
	269	007				040			
		013			269	007			

.001 mm = "C"
96) 0.130

F.B. 3450 Pg. 102 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____

76P526 CE # 308 3-65

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	Near BACKSIGHT Rod				Far FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			Determination of "C"						
1	131	501	432 5	133 / 129 4	164	333	465 5	191 / 137 54	54 Mtrs. (-) 4 Mtrs. = 50 Mtrs = 0.2 MM
2	167	694	468 5	169 / 165 4	135	051	436 5	162 / 108 54	" (-) " " " = 0.2 MM
				8				108	Curv. Corr. = 0.4 MM
	299	195			299	384		8	
						040		100	
					299	344			
					299	195			
					100)	1.49	0.015 MM = "C"		
						100			
						490			
						400			
						90			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-48°

SURVEY BY G.E. Drake WEATHER Sunny & Clear INST. NO. 96-316

NOTES BY Maldonado DATE 3-11-69 TIME ROD NO. 9619

INDEXED DATE NOTES CHKD DATE

F.B. 3450 Pg. 103

F.B. 3450 Pg. 104 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	
							FROM _____ TO _____

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	Near BACKSIGHT Rod						Far FORESIGHT Rod						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM _____ TO _____
			Determination of C										
					161						132		
1	159	611	460	5	157	4	105	307	406	5	78	54	54 Mtrs. (-) 4 Mtrs. = 50 Mtrs = 0.2 MM
					148						227		
2	146	018	447	5	144	4	200	433	501	5	173	54	54 " 4 " = 50 Mtrs = 0.2 MM
						8						108	Curv. Corr. = 0.4 MM
												8	
	305	629					305	740				100	
								.040					
							305	700					
							305	629					
							100)	071	(0.001 MM = C				
								0100					
								00					

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T = 52°

SURVEY BY G. E. Dreier WEATHER Sunny & clear

NOTES BY Maldonado DATE 3-12-69 TIME 10:00 ROD NO. 9 & 19

F.B. 3450 PG. 105

F.B. 3450 Pg. 106 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____

76P526 CE # 308 3-65

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	Near BACKSIGHT Rod						Far FORESIGHT Rod						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM _____ TO _____
			Determination of "C"										
1	142	735	443	5	144 140	4	157	358	458	5	184 130	54	54 Mtrs. (-) 4 Mtrs. = 50 Mtrs. = 0.2 MM
2	151	948	452	5	153 149	4	137	516	438	5	164 110	54	" (-) " " = 0.2 MM
						8						108	Curv. Corr. = 0.4 MM
												8	
	294	683					294	874				100	
								040					
							294	834					
							294	683					
							100)	151	(0.015 MM = "C"				
								100					
								51					

JOB NO. 0301.~~02~~ 06 SURVEY OF L.A. CO. PRECISE LEVEL NET

Palmdale Reservoir T-

SURVEY BY G.F. Dreier WEATHER Sunny INST. NO. 9676

NOTES BY Maldonado DATE 3-13-69 TIME 1:30 ROD NO. 9819

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

F.B. 3450 Pg. 107

F.B. 3450 Pg. 108 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____

JOB NO. 0301.~~02~~ 06 SURVEY OF L.A. CO. PRECISE LEVEL NET PALMDALE RESERVOIR 42°

F.B. 3450 PG. 109

SURVEY BY DREIER WEATHER CLEAR-WINDY INST. NO. 96716

NOTES BY DREIER DATE 3-10-69 TIME 10:10 ROD NO. 9819

INDEXED [redacted] DATE NOTES CHKD [redacted] DATE

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 101-17 TO BM 101-18
BM.101-17									BM.101-17 D-429
1	89	923	390 5	102 76 26	179 ~~480~~	416	480 5	191 167 24	
					89	923		26	
					89	493		50	
BM.101-18									BM.101-18 (C-429)

76P526 CE # 308 3-65

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408 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-18 TO 101-17
101-18									B.M. 101-18 C 429
1	174	248	475 5	186 ✓ 162 24	84	760	385 5	96 72 24 ✓	
	84	760 ✓						24 ✓	
								48	
101-17	+89	488 ✓							101-17, D 429

F.B. 3450 Pg. 110

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-19-69

INDEXED [illegible] DATE

WEATHER CLOUDY 41° INST. NO. 96716

TIME 11:03 ROD NO. 9819

NOTES CHKD [illegible] DATE MAR 18 69

76P526 CE # 308 3-65

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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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 101-18 TO 101-19
101-18													B.M. 101-18 C 429
	108	573	409	5	120 / 96	24	169	113	470	5	181 / 157	24	
							108	573				24 / 48	
101-19							60	540					B.M. 101-19 B 429

JOB NO. 0301.06 SURVEY OF ~~L.A. CO.~~ PALMDALE RESERVOIR PRECISE LEVEL NET

SURVEY BY PREIER

NOTES BY PREIER DATE 3-10-69 TIME 10:15 ROD NO. 9819

INDEXED DATE NOTES CHKD

WEATHER 42° CLEAR WINDY INST. NO. 96716

F.B. 3450 PG. 111

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-19 TO 101-18
101-19									101-19 B 429
1	153	848	454 5	165 141 24	93	313	394 5	185 81 24	
	93	313 ✓						24	
								48 ✓	
101-18	+ 60	535 ✓							101-18 C 429

F.B. 3450 PG. 112 JOB NO. 030106

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 2-13-69

INDEXED [illegible] DATE

WEATHER CLOUDY INST. NO. 96716

TIME 11:00 ROD NO. 9919

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0301.06 SURVEY OF L.A. CO. PRECISE LEVEL NET PALMDALE RESERVOIR

SURVEY BY DREIER WEATHER Clear 42°

NOTES BY DREIER DATE 3-10-65 TIME 1120 ROD NO. 219

INDEXED DATE NOTES CHKD

F.B. 3450 Pg. 113

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-19 TO 101-20
101-19									101-19 B-429
1	101	062	402	113 89 24	179	117	480 5	191 167 24 24 48	
					101 062				
					= 78.055				101-20 A-429
101-20									

F.B. 3450 Pg. 114 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED C. LGALLI DATE

41°

WEATHER CLOUDY INST. NO. 96716

TIME 10:55 ROD NO. 9819

NOTES CHKD [illegible] DATE MAR 1 [illegible]

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 101-20 TO 101-19
101-20									101-20 A 429
1	180	253	481 5	192 168 24	102	207 403	4035	144 90 24	
	102	207						24 48	
101-19	+ 78	046							101-19 B 429

76P526 CE # 308 3-65

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-20 TO 101-21
101-20									101-20 A-429
1	74	813	375 5	86 62 24	176	341	477 5	188 164 24	
					74	813		24	
								48	
					101	528			101-21 Z-428
101-21									

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY DREIER WEATHER CLEAR 42° INST. NO. 96216

NOTES BY DREIER DATE 3-10-69 TIME 10:25 ROD NO. 9 & 19

INDEXED DATE NOTES CHKD DATE

F.B. 3450 PG. 115

F.B. 3450 Pg. 116 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER

INDEXED [illegible] DATE

41°

WEATHER CLOUDY INST. NO. 96716

TIME 10:57 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 101-21 TO 101-20
101-21									101-21 Z-428
1	181	130	482	193 169 24	79	587	380 5	191 162 24	
	79	587						24 48	
101-20	101	543							101-20 A 429

76P526 CE # 308 3-65

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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 101-21 TO 101-22
101-21													101-21 Z-428
1	79	473	380	5	92 66	26	123	652	424	5	135 111	24 26 50	
							79	473					
101-22							44	179					101-22 Y 428

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY DREIER WEATHER CLEAR WINDY 42° INST. NO. 96716

NOTES BY DREIER DATE 3-10-69 TIME 10:30 ROD NO. 9819

INDEXED DATE NOTES CHKD

F.B. 3450 PG. 117

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3450 Pg. 118 JOB NO. 03201.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [illegible] DATE

WEATHER CLOUDY-SUNNY INST. NO. 92716

TIME 10:50 ROD NO. 3419

NOTES CHKD [illegible] DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-22 TO 102-21
101-22									101-22 4 428
1	118	675	419	5 130 106 24	24	502	375	86 62 24	
	74	502 ✓						24 ✓	
	+ 44	173 ✓						48 ✓	
101-21									101-21 2 428

06 PALMDALE RESERVOIR

JOB NO. 0301 ~~02~~ SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ 42°

F.B. 3450 PG. 119

SURVEY BY G.E. DREIER WEATHER CLEAR WINDY INST. NO. [illegible]

NOTES BY G.E. DREIER DATE 3-10-69 TIME 10:35 ROD NO. 9815

INDEXED [illegible] DATE NOTES CHKD. [illegible] DATE

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 101-22 TO 101-23
101-22									
1	86	077	387 5	100 72 28	138	830	439 5	152 124 28	101-22 Y 428
								28 56	
101-23					86	077			101-23 X 428
					52	753			

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3450 Pg. 120 JOB NO 030106

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [redacted] DATE

WEATHER Cloudy 41° INST. NO 26716

TIME 10:45 ROD NO 282

NOTES CHKD [redacted] DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-23 TO 101-22
101-23				148				96	101-23 X 428
1	135	923	4365	122 26	83	169	3845	70 26	
	83	169						26	
								52	
101-22	+52	754							101-22 Y 428

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO.~~ PALMDALE RESERVOIR PRECISE LEVEL NET

F.B. 3450 PG. 121

SURVEY BY DREIER WEATHER 42° CLEAR WINDY INST. NO. 96716

NOTES BY DREIER DATE 3-10-69 TIME 10:40 ROD NO. 9819

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 101-23 TO 101-24
101-23								186	101-23 X 428
1	84	015	385 5	97	26 174	097	475	162 24	
				11		84	015	26	
						90	082	50	
101-24									101-24 W 428

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3450 Pg. 122 JOB NO 0301.06 #2

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED DATE

WEATHER CLOUDY - SWAMING INST. NO. 96716

TIME 10:40 ROD NO. 7414

NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-24 TO 101-23
101-24									101-24 W 428
1	169	380	470	180 158 22	79	282	380	91 67 24	
	79	282						22	
								46	
101-23	+90	098							101-23 X 428

76P526 CE # 308 3-65

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-24 TO 101-25
101-24									101-24 W 428
1	94	402	395	106 82 24	143	823	449	155 131 24	FD. BROKEN 5-73
					94	402		24	
					-49	421		48	
101-25									101-25 V-428
									NOT FD. 5-9

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 42°

SURVEY BY DREIER DATE 3-10-69 WEATHER CLEAR-WIND INST. NO. 26116

NOTES BY DREIER DATE 3-10-69 TIME 10 45 ROD NO. 9819

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE

F.B. 3450 PG. 123

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-25 TO 101-24
101-25									101-25 V 428
1	148	743	449 5	160 ✓ 136 24	99	336	400 5	112 86 26 ✓	
	99	336 ✓						24 ✓	
								50 ✓	
101-24	+ 49	407 ✓							101-24 W 428

42°

WEATHER CLOUDY INST. NO. 96716

TIME 10:35 ROD NO. 9819

NOTES CHKD [illegible] DATE

F.B. 3450 PG. 124 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [illegible] DATE

76P526 CE # 308 3-65

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-25 TO 101-26
101-25									101-25 V 428
1	158	510	459 5	170 146 24	162	731	463 5	174 156 24	
					158	510		24	
								48	
101-26					4	221			101-26 U 428

JOB NO. 0301-~~02~~ 06 SURVEY OF L.A. CO. PRECISE ~~LEVEL~~ NET PALMDALE RESERVOIR

SURVEY BY DREIER WEATHER CLEAR WINDY 42° INST. NO. [illegible]

NOTES BY DREIER DATE 3-10-69 TIME 10:52 ROD NO. 9819

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE

F.B. 3450 PG. 125

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-26 TO 101-25
101-26									101-26 V 428
1	171	513	472 5	183 / 159 24	167	299	468 5	180 / 154 26	
	167	299						24 / 50	
101-25	+ 4	214							101-25 V 428

F.B. 3450 Pg. 126 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [illegible] DATE

WEATHER CLOUDY 42°

TIME 10:30

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 9479

76P526 CE # 308 3-65

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-26 TO 101-29
101-26									101-26 U 428
1	196	150	487	215 / 1757 38	126	870	427 5	145 / 107 38	
	126	870						38	
								76	
101-29	69	280							101-29 V 487

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY DREIER

NOTES BY [redacted] DATE 3-10-68

INDEXED DATE

WEATHER CLEAR WINDY

TIME 10:55

NOTES CHKD [illegible] DATE

INST. NO. [illegible]

ROD NO. [illegible]

F.B. 3450 PG. 127

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 345 Pg. 128 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [illegible] DATE

WEATHER CLOUDY 41° INST. NO. 96717

TIME 16:25 ROD NO. 5819

NOTES CHKD [illegible] DATE MAR 8 69

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-29 TO 101-26
101-29									101-29 V ~~488~~ 487
1	126	990	427	5 146 / 106 40	196	329	497	5 216 / 126 40 ✓	
					126	990 ✓		40 ✓	
101-26					69	339 ✓		80 ✓	101-26 V 428

76P526 CE # 308 3-65

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-29 TO 101-28
101-29				197				207	101-29 V 487
1	189	133	490	181 16	199	586	500	191 16	
					189	133		16	
								32	
101-28					10	453			101-28 T 487

JOB NO. 0301-~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY DREIER

~~NOTES BY~~ DREIER ~~DATE~~ 3-10-68

INDEXED ~~[illegible]~~ DATE

WEATHER CLEAR WINDY 42° INST. NO. 96718

~~TIME~~ 11:40 ~~ROD NO.~~ 3-8-9

NOTES CHKD [illegible] DATE

F.B. 3450 PG. 129

F.B. 3450 Pg. 130 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [illegible] DATE

41°

WEATHER CLOUDY INST. NO. 96716

TIME 10:20 ROD NO. 9819

NOTES CHKD. [illegible] DATE

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 101-28 TO 101-29
101-28									101-28 T 487
1	199	451	5005	207 191 16	188	933	489	196 180 16	
	188	933						16 32	
101-29	+10	518							101-29 V 487

76P526 CE # 308 3-65

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-28 TO 101-30
101-28									101-28 T-487
1	200	127	501	214 186 28	100	660	401 5	113 87 26	
								28	
	100	660						54	
101-30	+ 99	467							101-30 S428

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY PALM

WEATHER 42° CLOSE WARM

INST. NO. 96716

INDEXED [illegible] DATE 3-10-65

NOTES CHKD [illegible] DATE

F.B. 3450 PG. 131

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101 - 30 TO 101 - 28
101 - 30									101 - 30 S 428
1	101	101	402 5	114 88 26	200	546	501 5	213 187 26	
					101	101		26	
								52	
101 - 28					- 99	439			101 - 28 T 487

F.B. 3450 PG. 132 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [illegible] DATE

WEATHER CLOUDY 41° INST. NO. 96716

TIME 10:20 ROD NO. 9819

NOTES CHKD [illegible] DATE MAR 13 69

76P526 CE # 308 3-65

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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 101-30 TO 101-32
101-30													101-30 S 428
1	80	211	381	5	93 / 67	26	128	862	429	5	140 / 116	24	
												26	
							80	211				50	
101-32							48	651					101-32 X 487

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 42

SURVEY BY G.E. DREIER DATE 3-10-69 WEATHER CLEAR-WINDY INST. NO. 96 TH

NOTES BY [illegible] DATE [illegible] TIME 11:10 ROD NO. 98 [illegible]

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE

F.B. 3450 PG. 133

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.

INST. NO. 96716
ROD NO. 9819
DATE
NOTES CHKD
WEATHER CLOUDY 41°
TIME 10:15
NOTES DREIER
DATE
JOB NO. 030106
SURVEY OF PALMDALE RESERVOIR
SURVEY BY DREIER 3-13-69
INDEXED
B. 3450 Pg. 134

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM 101-32 TO 101-30
101-32							101-32 X 487
1	127 352	428 5	139 / 115 24	78 729	379 5	91 7.6 / 24 / 50	
	78 729						
101-30	+ 48 623						101-30 5428

76P526 CE # 308 3-65

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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 101-32 TO 101-33
101-32					133						138		101-32 X 487
1	126	291	427	5	119	14	131	814	432	5	124	14	
							126	291				14	
							5	523				28	
101-33													101-33 Y 487

JOB NO. 0301.~~92~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR 41°

SURVEY BY ~~G.E.~~ DREIER DATE 3-13-69 WEATHER CLOUDY INST. NO. ~~96116~~

NOTES BY G.E. DREIER DATE 3-13-69 TIME 10:10 ROD NO. 9819

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE MAR 13 '69

F.B. 3452 PG. 135

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-33 TO 101-32
101-33									101-33 X 487
1	136	091	437 5	144 128 16	130	542	431 5	137 123 14	
	130	542						16	
								30	
101-32	+ 5	549							101-32 X 487

F.B. 3450 Pg. 136 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [illegible] DATE

WEATHER CLOUDY 41° INST. NO. 96716

TIME 10:05 ROD NO. 9819

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-33 TO 101
1	111	421	412	124 98 26	113	473	414 5	126 100 26	X 487
								26	OK BUT MISSED Y 487
					111	421		52	
					- 2	052			~~Q 428~~ Z-487
101-33									101-33 Y 487
1.	121	332	422 5	128 114 14	117	830	418 5	124 110 14	
	117	830						14	
	+ 3	502						28	
101-34									101-34 Z 487

JOB NO. 0301.~~02~~ 06 SURVEY OF L.A. CO. PRECISE LEVEL NET PALMDALE RESERVOIR

SURVEY BY G.E. DREIER WEATHER 4° CLOUDY INST. NO. 86 #6

NOTES BY DREIER DATE 3-11-69 3-13-69 TIME 10:00 ROD NO. 9 8 19

INDEXED DATE NOTES CHKD DATE

F.B. 3450 PG. 137

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-34 TO 101-33
101-34									101- Z 487
1	121	022	4225	128 114 14	124	532	4255	131 115 16	
					121	022		14	
								30	
101-33					-	3508			101-33 Y 487

F.B. 3450 PG. 138

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [illegible] DATE

WEATHER CLOUDY 43°

TIME 10:00

NOTES CHKD [illegible]

INST. NO. 96716

ROD NO. 9819

DATE [illegible]

76P526 CE # 308 3-65

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-34 TO 101-35
101-34									
1	153	081	454 5	159 / 147 12	149	058	450	155 / 143 12	101-34 Z-487
								12	
	149	058						24	
101-35 +	4	023							101-35 Q 428

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 06 PALMDALE RESERVOIR

SURVEY BY DREIER DATE 3-10-69 WEATHER 42° CLEAR WINDY INST. NO. 96716

NOTES BY DREIER TIME 11:25 ROD NO. 9

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE

F.B. 3450 PG. 139

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-35 TO 101-34
101-35									101-35 9428
1	148	621	449 5	154 142 12	152	674	453 5	158 146 12	
								12	
					148	621		24	
101-34					- 4	053			101-34 2487

43°

WEATHER CLOUDY INST. NO. 96716

TIME 9:55 ROD NO. 9819

NOTES CHKD [illegible] DATE

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [illegible] DATE

F.B. 3450 PG. 140

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 42

F.B. 3450 PG. 141

SURVEY BY G.E. DREIER WEATHER CLEAR-WINDY INST. NO. 96776

NOTES BY G.E. DREIER DATE 3-10-69 TIME 11.30 ROD NO. 9819

INDEXED [redacted] DATE NOTES CHKD [illegible] DATE

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 101-35 TO 101-36
101-35				149				156	101-35 Q428
	136	730	437 5	123 26	143	561	444 5	131 25	
								26	
					136	730		51	
101-36					- 6	831			101-36 P428

76P526 CE # 308 3-65

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-36 TO 101-35
101-36									101-36 P428
1	141	966	442	153 129 24	135	092	4365	148 122 26	
	135	092						24 50	
101-35	+ 6	874							101-35 Q428

F.B. 3450 PG. 142 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [redacted] DATE

WEATHER CLOUDY 42° INST. NO. 96716

TIME 9:50 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

76P526 CE # 308 3-65

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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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 101-36 TO 101-37
101-36													101-36 P 428
1	131	571	432		144 / 118	26	174	502	475	5	186 / 162	24	
												26	
							131	571				50	
							42	931					
101-37													101-37 N 428

JOB NO. 0301.06 SURVEY OF L.A. CO. PRECISE LEVEL NET PALMDALE RESERVOIR

SURVEY BY DREIER

NOTES BY DREIER DATE 3-10-65

INDEXED [illegible] DATE

WEATHER CLEAR-WINDY 42° INST. NO 76716

TIME 11:30 JOB NO. 9[illegible]

NOTES CHKD [illegible] DATE

F.B. 3450 PG. 143

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-37 TO 101-36
101-37									101-37 N 428
1	171	822	472 5	182 ✓ 160 22	128	911	429 5	141 ✓ 115 26 ✓	
	128	911 ✓						22 ✓ 48	
101-36	+42	911 ✓							101-36 P 428

F.B. 3450 PG. 144 JOB NO. 0301.0 [illegible]

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [illegible] DATE

WEATHER CLOUDY 42° INST. NO. 96716

TIME 9:45 ROD NO. 9819

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

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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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 4-2

SURVEY BY G. E. DREIER WEATHER CLEAR, WINDY INST. NO. 26716

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

F.B. 3450 Pg. 145

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-37 TO 101-38
101-37									101-37 N 428
1	175	140	476 5	+88 26 / 162	169	112	470 5	+81 24 / 157 / 26 / 50	
	169	112							
101-38	+ 6	128							101-38 M 428

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-38 TO 101-37
101-38									101-38 M 428
1	167	063	468 5	180 154 26	173	192	474 5	186 160 26	
					167	063		26	
								52	
101-37					- 6	129			101-37 N 428

42°

WEATHER CLOUDY INST. NO. 96716

TIME 9:40 ROD NO. 9879

NOTES CHKD. [illegible] DATE [illegible]

F.B. 3450 PG. 146 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [illegible] DATE

76P526 CE # 308 3-65

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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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — PALMDALE RESERVOIR

SURVEY BY C.E. DREIER — WEATHER CLEAR-WINDY — INST. NO. [illegible]

INDEXED [illegible] — DATE [illegible] — NOTES CHKD [illegible] — DATE [illegible]

F.B. 3450 PG. 147

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM 101-38 TO 101-39
101-38							101-38 N 428
1	172 836	473 5	181 163 18	65 369	366 5	74 56 18	
2	294 806	595 5	½ 298 278 32 50	44 739	345 5	62 26 36 54 50	
	467 642 ✓			110 108 ✓		104 ✓	
101-39	160 108 ✓						101-39 VOIR No. 2
	+ 357 534 ✓						

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-39 TO 101-38
101-39									101-39 VOIR #2
1	41	776	342 5	57 25 32	291	903	592 5	1291 2274 34	
2	54	482	355 5	64 44 20	161	904	462	172 150 22	
				52				56 ✓	
101-38								52 ✓	101-38 M428
	96	258 ✓			453	807 ✓		108 ✓	
					96	258 ✓			
					357	549 ✓			

F.B. 3450 PG. 148

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 2-13-69

INDEXED [illegible] DATE

WEATHER CLOUDY 42° INST. NO. 96776

TIME 9:30 ROD NO. 989

NOTES CHKD. [illegible] DATE

76P526 CE # 308 3-65

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-39 TO 101-41
101-39									101-39 VOIR NO. 2
1	111	797	412 5	123 99 24	240	468	541 5	251 229 22	
								24	
					111	797		46	
101-41					128	671			101-41 J 811

JOB NO. 0301.06 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY C. E. DREIER DATE 3-10-69 WEATHER 43° CLEAR-WIND INST. NO. 26 TRD

NOTES BY C. E. DREIER TIME 11:50 BOD NO. 9819

INDEXED [illegible] DATE NOTES CHKD [illegible]

F.B. 3450 PG. 149

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.

B.B. 345D Pg. 150 JOB NO 0301.06 SURVEY OF PALMDALE RESERVOIR SURVEY BY DREIER NOTES DREIER 3-13-69 INDEXED DATE

WEATHER PART CLOUDY 42° INST. NO. 9676 TIME 2:25 PM ROD NO. 9819 NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-41 TO 101-39
101-41				252				123	101-41 J-811
1	240	262	541 5	228 24 ✓	111	592	412 5	99 R24 ✓	
	111	592 ✓						24 ✓	
	+ 128	670 ✓						48	
101-39									101-39 VOIR #2

76P526 CE # 308 3-65

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 101-41 TO P.I.D. #2
101-41									101-41 J-811
1	74	480	375 5	96 52 44	126	880	427 5	146 106 40	
2	291	632	592 5	302 280 22	5	056	306 5	17 5 (½) 24	
3	240	043	541 5	249 231 66 18	18	870	319 5	29 7 64 22	
4	245	358	546 5	250 240 84 10	31	967	332 5	36 26 86 10	
				94				96	
								94	
	851	513			182	773		190	
	182	773							
P.I.D. #2	668	740							P.I.D. #2

06 Palmdale Reservoir T-480

SURVEY BY G.E. Drew

WEATHER Sunny & Windy

INST. NO. 96716

F.B. 3450 PG. 151

INDEXED

DATE

NOTES CHKD

DATE

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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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.I.D. #2 TO BM101-41
P.I.D. #2									P.I.D. #2
1	16	100	317 5	24 8 16	290	190	591 5	297 282 15	
2	29	046	330 5	38 20 18	270	456	571 5	280 260 20	
				34				35	X-Dreier
3	6	192	307 5	12 0 12	212	288	513 5	218 206 12	
				46				47	
4	~~124~~ 125	029	426 5	~~144~~ 106 38	72	331	373 5	93 51 42	
				84				89	
								84	
	176	367			845	265		173	
BM101-41					176	367			BM 101-41 J-811
					668	898			

T-50°

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:30 ROD NO. 9 & 19

NOTES CHKD. [illegible] DATE [illegible]

JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY Dreier NOTES Maldonado 3-12-69

INDEXED [illegible] DATE

F.B. 3450 PG. 152

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D. #2 TO ~~P.I.D. #3~~ R.M. #3
1	30	210	331 5	70 (1) 30 (2) 80	225 ~~232~~	280 ~~561~~	526 5 ~~533 5~~	265 ~~278~~ 184 81 ~~3~~	P.I.D. #2
2	139	362	440 5	180 98 82	158	305	459 5	200 116 84	
3	256	883	557 5	278 234 162 44 206 ✓	191	660	492 5	213 169 165 44 209 ✓ 206 ✓ 415 ✓	T- Dreier
	426	455 ✓			575	245 ✓			
					426	455 ✓			
					148	790 ✓			
P.I.D. #3 R.M. #3									P.I.D. #3 RM #3

JOB NO. 0301-06 SURVEY OF ~~L.A. CO.~~ PRECISE LEVEL NET Palmdale Reservoir T-44°

SURVEY BY G.E. Dreier

WEATHER Sunny & Windy

INST. NO. 96716

INDEXED GALLI

DATE 3-10-69

NOTES CHKD

F.B. 3450 PG. 153

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D. #3 RM #3 TO P.I.D. #2
P.I.D. #3 RM #3									P.I.D. #3 RM #3
1	137	858	438 5	164 110 54	201	333	502 5	228 174 54	
2	153	750	454 5	189 117 72	132	500	433 5	168 96 72	
3	214	382	515 5	256 172 126 84 210 ✓	23	487	324 5	65 23 (½) 126 84 210 ✓	K-Dreier
								210 ✓	
								420 ✓	
	505	990 ✓			357	320 ✓			
P.I.D. #2	357	320 ✓							P.I.D. #2
	+148	670 ✓							

T-50°

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:15 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE

JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY Dreier NOTES Maldonado 3-12-69

INDEXED [illegible] DATE

F.B. 3450 PG. 154

76P526 CE # 308 3-65

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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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.I.D. #3 RM #3 TO P.I.D. #3 RM #4
PID #3 RM #3					58						293		P.I.D. #3 RM #3
1	39	144	340	5	20	38	275	768	576	5	256	37	
							39	144				38	
												75	
P.I.D. #3 RM #4							-236	624					P.I.D. #3 RM #4

JOB NO. 0301 ~~.02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T-44

SURVEY BY G. E. Dreier WEATHER Sunny & Clear INST. NO. 96716

~~[illegible]~~ Maldonado DATE 3-10-69 TIME 2:00 ROD NO. 9319

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE [illegible]

E.B. 3450 PG. 155

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D. #3 RM #4 TO P.I.D. #3 RM #3
P.I.D. #3 RM #4				293				58	P.I.D. #3 RM #4
1	275	670	576.5	257 36	39	050	340.5	20 38	
	39	050						36	π-Dreier
	+236	620						74	
P.I.D. #3 RM #3									P.I.D. #3 RM #3

T-50°

WEATHER Sunny & windy INST. NO. 96716

TIME 2:10 ROD NO. 9219

NOTES CHKD [illegible] DATE

JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY Dreier NOTES Maldonado 3-10-68

INDEXED [illegible] DATE

F.B. 3450 PG. 156

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

203 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.I.D. #3 RM #4 TO PR #5
P.I.D. #3 RM #4													P.I.D. #3 R.M. #4
1	292	136	593	5	292 263 (1/2)	58	90	266	391	5	120 60	60	
2	210	742	511	5	245 175	70	210	976	511	5	245 175	70	
3	146	963	447	5	128 123	128 45	16	778	317	5	40 16 (1/2)	130 48	
4	244	888	545	5	248 240	173 8	104	129	405	5	106 102	178 4	π-Dreier
5	301	783	602	5	301 272 (1/2)	181 58	87	074	388	5	116 58	182 58	
6	184	785	485	5	209 159	239 50	146	920	447	5	172 120	240 52	
						289 ✓						292 ✓	
												289 ✓	
	1381	297 ✓					656	153 ✓ 4				581 ✓	
	656	143 ✓											
P.R. #5	725	154 ✓											P.R. #5

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T-44°

SURVEY BY G.E. Dreier WEATHER Sunny & Cl INST. NO. 8 & 10

~~NOTES BY~~ Maldonado DATE 3-10-69 TIME 2:20 ROD NO. 9 & 10

INDEXED ~~[illegible]~~ DATE NOTES CHKD ~~[illegible]~~ DATE

P.B. 3450 PG. 157

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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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.R. #5 TO P.I.D. #3 RM #4
P.R. #5									P.R. #5
1	131	331	432 5	161 100 61	193	277	494 5	224 161 63	
2	87	385	388 5	112 62 50	301	751	602 5	301 278 (1/2) ~~46~~ 109 ~~115~~	
3	14	772	315 5	23 5 111 18	268	~~03~~ 028	569 5	278 258 20	π - Dreier
4	151 ~~2~~	659	452 5	178 124 129 54	142	594	443 5	169 115 129 54	
5	49	569	350 5	63 35 183 28	254	463	555 5	268 240 183 28	
				211				211	
	434	716			1160	113		211 422	
P.I.D. #3 RM #4					434	716			P.I.D. #3 RM #4
					725	397			

T-52°

F.B. 2450 Pg. 158

JOB NO. 0301.06

SURVEY OF Palmdale Reservoir 3-12-69

SURVEY BY Dreier NOTES Maldonado

INDEXED [illegible] DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 1:50 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

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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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.I.D. #3 RM #4 TO P.R. #5
P.I.D. #3 RM #4					Re-Run								P.I.D. #3 RM #4
1	291	839	592	5	291 267 (½)	48	114	350	415	5	138 89	49	
2	168	410	469	5	192 144	48	13	925	314	5	37 13 (½)	48	
3	298	429	599	5	298 281 (½)	96 34	6	700	307	5	21 6 (½)	97 30	Re-Run
4	187	336	488	5	206 168	130 38	116	772	417	5	137 95	127 42	T-Drier
5	201	560	502	5	226 176	168 50	170	455	471	5	195 146	169 49	
						218 ✓						218 ✓	
												218 ✓	
P.R. #5	1147	574 ✓					422	202 ✓				436 ✓	P.R. #5
	422	202 ✓											
	725	372 ✓											

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T-48°

SURVEY BY G. E. Drier

NOTES BY Maldonado DATE 3-13-69

INDEXED DATE

WEATHER Sunny & Clear INST. NO. 9E76

TIME 1:05 ROD NO. 9E19

NOTES CHKD DATE

F.B. 3450 PG. 159

F.B. 3450 Pg. 160 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

#03 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0301.06 SURVEY OF L.A. CO. FREEWAY LEVEL NET

SURVEY BY [illegible] DATE 7-11-68 WEATHER Sunny Pers. INST. NO. 96 1/2

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE 7-19-68

F.B. 3453 Pg. 161

Palmdale Reservoir

T-4S

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.R. #5 TO A-9 (PALMDALE)
P.R. #5													P.R. #5
					279						103		
1	229	088	530	5	179	100	53	933	354	5	3	100	
					263						85		
2	248	310	549	5	233	30	69	890	370	5	53	32	
					267	130					73	132	
3	258	405	559	5	249	18	64	890	365	5	55	18	
					265	148					63	150	
4	259	112	560	5	254	11	57	232	358	5	51	12	
					217	159					97	162	
5	213	593	514	5	208	9	96	203	397	5	92	5	
						168 ✓						167 ✓	
												168 ✓	
												335 ✓	
PALMDALE A-9	1208	508 ✓					342	148 ✓					PALMDALE A-9
	342	148 ✓											
	866	360 ✓											

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM A-9 TO P.R. #5
A-9									A-9, PALMDALE
1	23	585	324 .5	28 / 17 .11	272	861	573 .5	280 / 264 16	
2	53	460	354 .5	55 / 51 4	188	628	489 .5	190 / 186 4	
3	5	135	306 .5	21 / 5 (1/2) 15 / 32	200	460	501 .5	216 / 183 20 / 33	
4	11	115	312 .5	26 / 11 (1/2) 47 / 30	209	698	510 .5	220 / 196 57 / 24	π-Dreier
5	141	192	442 .5	180 / 102 77 / 78	170	350	471 .5	209 / 130 77 / 79	
6	134	538	435 .5	138 / 131 155 / 7	193	610	494 .5	196 / 190 156 / 6	
				162				162	
								162	
P.R. #5	369	025			1235	607		324	P.R. #5
					369	025			
					866	582			

T-52°

WEATHER Sunny & windy INST. NO. 967-16

TIME 1:15 ROD NO. 58/9

NOTES CHKD [illegible] DATE

JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY Dreier NOTES Maldonado 3-12-69

INDEXED [illegible] DATE

F.B. 3450 pg. 162

76P526 CE # 308 3-65

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.

JOB NO. 0301.00 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Maldonado, C.E. Dreier DATE 7-13-65 TIME 1:30 PARTY
WEATHER Sunny 85° INST. NO. 76716
INDEXED K.O. ONLY DATE NOTES CHKD DATE

06 Palmdale Reservoir T-5-4° F.B. 3450 Pg. 163

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM P.R.# 5 TO A-9
P.R.# 5					Re-Run								P.R.# 5
					233						175		
1	195	266	496	5	157	76	137	910	438	5	100	75	
					297						22 (1)		
2	270	530	571	5	243	54	6	590	307	5	6	52	
					274	130					18 (2)	127	
3	262	704	563	5	250	24	6	822	307	5	6	29	T-Dreier
						154						151	
4	264	190	565	5	259	10	49	030	350	5	45	8	
					117	164		203			46	159	
5	114	635	415	5	111	6	40	~~703~~ 670	341	5	34	12	
						170 ✓						171 ✓	
												170 ✓	
&	1107	325 ✓					241	255 ✓				341 ✓	
	241	255 ✓											
PALMDALE A-9	866	070 ✓											PALMDALE A-9

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
A-9				45	Re-Run			294	A-9
1	40	910	341 5	35 10	290	305	591 5	285 9	
				14				303	
2	3	309	304 5	3 (½) 22	291	668	592 5	279 24	
				38 32				280 33	
3	10	146	311 5	10 (½) 56	280	156	581 5	252 (½) 56	
				182 88				243 89	Re-Run
*	146	143	445 5	110 72	204	780	505 5	164 79	
	200	508 ✓		160 ✓				168 ✓	π-Dreier
								160 ✓	
					1066	909 ✓		328 ✓	
					200	508 ✓			
					-866	401 ✓			

FROM ~~P.R. #5~~ Palmdale A-9 TO P.R. #5 Palmdale A-9

F.B. 3450 PG. 164 JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY Dreier NOTES Maldonado 5-13-69

INDEXED [illegible] DATE

WEATHER Sunny & Clear INST. NO. 98716

TIME 2:15 ROD NO. 9819

NOTES CHKD [illegible] DATE

T-48°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301 SURVEY OF L.A. CO. PRECISE LEVEL NET — T-480
SURVEY BY [redacted] — INDEXED [redacted] — DATE [redacted] — WEATHER Sunny 70° — INST. NO. 76 PTC
NOTES CHKD [redacted] DATE [redacted] — F.B. 3450 PG. 165

06 Palmdale Reservoir

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM Palmdale A-9 TO P.R. #6
A-9											A-9, PALMDALE
1	8	138	309	5	27 8 (1/2) 38	287	692	588	5	306 268 38	
2	52	622	353	5	56 48 8	299	995	600	5	304 295 9	
3	40	601	341	5	46 34 12	270	388	571	5	276 264 12	
4	6	922	307	5	11 1 10	291	187	592	5	296 286 10	
5	8	912	309	5	17 -1 18	215	622	516	5	224 206 18	
6	123	766	424	5	145 101 44	198	455	499	5	219 177 42	
7	190	780	491	5	219 161 58	198	710	499	5	230 166 64	
					188					194 3 188	
	479	741				1762	049			381	P.R. #6
P.R. #6	431					431	741				
						1330	308				

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

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

Do not extend notes this side of this line.

F.B. 3450 Pg. 162 JOB NO. 0301.06 T-52°
SURVEY OF Pondle & Drainage Reservoir
SURVEY BY Draier NOTES Malatrado 3-12-69
INDEXED DJ GALLI DATE
WEATHER Sunny & Clear INST. NO. 24716
TIME 11:40 ROD NO. 2719
NOTES CHKD [illegible] DATE 3/13/69

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA		FORESIGHT RIGHT	MIC.	LEFT	STADIA		DESCRIPTION AND REMARKS
											FROM P.R. #6 PALMDALE TO A-9
P.R. #6				154					189		P.R. #6
1	122	081	423 S	90	64	155	847	456 S	122	67	
2	178	906	479 S	194 / 161	33	49	593	350 S	66 / 32	34	
3	186	209	487 S	198 / 174	97 / 24	6	090	307 S	17 / 6 (3)	101 / 27	K = Dreier
4	247	440	548 S	251 / 243	121 / 8	20	658	321 S	24 / 16	123 / 8	
5	262	651	563 S	266 / 258	129 / 8	3	119	304 S	8 / 3 (K2)	131 / 10	
6	269	371	570 S	273 / 265	137 / 8	8	415	309 S	12 / 4	141 / 8	
7	245	951	546 S	257 / 233	145 / 24	46	875	347 S	56 / 36	149 / 20	
8	188	592	489 S	198 / 177	169 / 21	80	450	381 S	90 / 70	169 / 20	
					190 ✓					189 ✓	
										190 ✓	
	1701	201 ✓				371	047 ✓			379 ✓	
	371	047 ✓									
A-9	1330	154 ✓									PALMDALE A-9

76P526 CE # 308 3-65

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM P.R.# 6 TO P.R #1
PR#6									P.R. #6
1	17	429	318 5	139 / 217 44	214	676	515 5	236 / 192 44	
2	154	769	455 5	169 / 139 30	142	130	443 5	157 / 127 30	
3	160	260	461 5	198 / 122 74 / 76	101	622	402 5	141 / 61 74 / 80	⊼ J. MALDONADO
4	238	806	539 5	261 / 215 150 / 46	67	451	368 5	91 / 43 154 / 48	
P.R.#1				196				202 / 196	P.R#1
	571	264			525	879		398	
	525	879							
	+45	385							

JOB NO. 0301 ~~06~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir

SURVEY BY G.E. Dreier DATE 2-11-69 WEATHER Sunny & Clear T: 57° INST. NO. 76716

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE

F.B. 3450 PG. 167

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.R.#1 TO P.R.#6
P.R.#1									P.R.#1
1	33	294	334 5	64 2 62	253	299	554 5	285 221 64	
2	139	630	440 5	172 106 66 128	106	943	407 5	138 74 64 128	⊼ J. MALDONADO
3	176	645	477 5	206 146 60 188	34	842	335	64 4 60 188	
P.R.#6								188	P.R.#6
	349	569 ✓			395	084 ✓		376	
					349	569 ✓			
					45	515 ✓			

WEATHER 50° CLEAR-WINDY INST. NO. 96716

TIME 11:15 TO 11:40 ROD NO. 9819

NOTES CHKD [illegible] DATE

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E. DREIER NOTES G.E. DREIER 3-12-69

INDEXED [illegible] DATE

F.B. 3450 PG. 168

76P526 CE # 308 3-65

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.

JOB NO. 0301.52 SURVEY OF L.A. CO. PRECISE LEVEL NET — PALMDALE RESERVOIR

SURVEY BY C.E. DREIER — WEATHER CLEAR 59°

INDEXED — DATE — NOTES CHKD — DATE — INST. NO. 67776

F.B. 3450 PG. 169

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.R. # 1 TO P.I.D. # 4
P.R. #1													P.R. #1
1	110	778	411	5	142 / 78	64 ✓	294	719	595	5	294 / 262	64 ✓	
							110	778 ✓			64	✓	
							= 183	941 ✓			128		T. J. MALDONADO
P.I.D. #													P.I.D. #4

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D. #4 TO P.R. #1
P.I.D. #4									P.I.D. #4
1	293	361	594 5 1/2	293 261 64	109	394	410 5	142 76 66	
	109	394						64	
								130	⊼ J. MALDONADO
	+ 183	967							
P.R. #1									P.R. #1

55°

WEATHER CLEAR LT. BR. INST. NO. 96716

TIME 1:15 TO 1:20 ROD NO. 989

NOTES CHKD [illegible] DATE

F.B. 3450 PG. 170 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E. DREIER NOTES G.E. DREIER 3-11-69

INDEXED [illegible] DATE

76P526 CE # 308 3-65

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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.I.D. #4 TO P.R. #7
P.I.D. #4													P.I.D. #4
1	260	307	561	5	295 225	70	152	790	453	5	186 118	68	
2	112	881	413	5	143 81	62	171	420	472	5	203 139	64	
						132						132	⊼ J. MALDONADO
3	231	807	532	5	251 211	40	29	172	330	5	49 9	40	
						172 ✓						172 ✓	
P.R. #7												172 ✓	P.R. #7
	604	995 ✓					353	382 ✓				344 ✓	
	353	382 ✓											
	+ 251	613 ✓											

JOB NO. 0301 ~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G. E. DREIER

~~NOTES BY~~ ~~[illegible]~~ DATE 3-11-69

INDEXED ~~[illegible]~~ DATE

WEATHER CLEAR 57°

TIME 11:30 TO 11:40

NOTES CHKD ~~[illegible]~~

INST. NO. ~~76~~ 76 [illegible]

~~ROD NO.~~ 9819

F.B. 3450 PG. 171

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.R. #7 TO P.I.D. #4
P.R. #7									P.R. #7
1	27	232	328 5	46 8 38	222	791	523 5	244 200 44	
2	167	508	468 5	195 139 56	108	806	409 5	132 84 48	
3	132	817	433 5	170 94 94 76 170	247	559	548 5	285 209 92 76 168 170	J. MALDONADO
P.I.D. #4									
	327	557			579	156		338	
					327	557			P.I.D. #4
					251	599			

F.B. 3450 PG. 172 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES G.E. DREIER 3-11-69

INDEXED [illegible] DATE

WEATHER 55° C.LER-LT.BR. INST. NO. 96716

TIME 1:00 TO 1:15 ROD NO. 9819

NOTES CHKD [illegible] DATE MAR 18 69

76P526 CE # 308 3-65

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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.R. #7 TO P.R. #2
P.R. #7													P.R. #7
1	32	631	333	5	51 / 13	38	200	886	501	5	218 / 182	36	
2	245	451	546	5	292 / 198	94	216	028	517	5	262 / 170	92	
						132						128	
3	299	593	600	5	1/2 299 / 279	40	48	454	349	5	70 / 26	44	
						172						172	
4	300	131	601	5	1/2 300 / 288	24	40	718	341	5	51 / 29	22	
						196						194	
~~5~~												196	
	877	806					506	086				390	
P.R. #2	506	086											PR. #2
	+371	720											

JOB NO. 0301 ~~SE~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G.E. DREIER

~~[illegible]~~ DATE 3-11-69

WEATHER 53° CLEAR, LT. BR.

INST. NO. 20716

DOD NO. 98.19

INDEXED [illegible]

DATE

NOTES CHKD [illegible]

F.B. 3450 PG. 173

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.R. #2 TO P.R. #7
P.R. #2									P.R. #2
1	56	260	357 5	74 38 36	297	568	598 5	297 ½ 278 38	
2	19	959	320 5	28 10 18	227	398	528 5	235 219 16	
3	141	531	442 5	179 103 54 76	202	828	503 5	241 163 54 78	⊼ J. MALALDONADO
4	291	004	592 5	291 ½ 266 130 50 180	152	723	453 5	177 127 132 50 182	
P.R. #7								180	P.R. #7
	508	754			880	517		362	
					508	754			
					371	763			

F.B. 3450 Pg. 174

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E. DREIER NOTES G.E. DREIER 3-12-69

INDEXED [illegible] DATE

WEATHER 52° CLEAR-WINDY INST. NO. 96716

TIME 10:45 TO 11:05 ROD NO. 9819

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.R. # 2 TO P.R. # 8
P.R. # 2													P.R. # 2
1	212	493	513	5	225 199	26	29	459	330	5	41 17	24	
2	34	871	335	5	150 234	32 58	184	350	485	5	200 168	32 56	
3	44	867	345	5	75 13	62 120	236	504	537	5	267 205	62 118	
4	222	281	523	5	238 206	32 152	47	634	348	5	63 31	32 150	
P.R. # 8												152	P.R. # 8
	514	512					497	947				302	
	497	947											
	+ 16	565											

JOB NO. 0301 ~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G.E. DREIER

~~NOTES BY~~ ~~G.E. DREIER~~ ~~DATE~~ 3-11-69

INDEXED ~~[illegible]~~ DATE

WEATHER CLEAR, LT. BR. 52° INST. NO. ~~[illegible]~~

~~TIME~~ 1:45 to 2:10 ROD NO. 9819

NOTES CHKD ~~[illegible]~~ DATE

F.B. 3450 PG. 175

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.R. #8 TO PR #2
P.R. 8									P.R. #8
1	30	815	331 5	58 ½ 30 56	186	942	487 5	213 159 54	
2	228	174	529 5	264 192 72	113	009	424 5	149 ½ 113 72	
				128				126	⊼ MALDONADO
3	165	770	466 5	171 159 12	140	507	441 5	146 134 12	
				140				138 ✓	
P.R. #2								140 ✓	P.R. #2
	423	959 ✓			440	458 ✓		278 ✓	
					423	959 ✓			
					16	499 ✓			

F.B. 3450 PG. 176

JOB NO. 8301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY G.E. DREIER NOTES G.E. DREIER 3-12-69

INDEXED D.L. GALLI DATE

WEATHER CLEAR-WINDY INST. NO. 96716

TIME 10:25 ROD NO. 9 & 19

NOTES CHKD [signature] DATE [illegible]

510

76P526 CE # 308 3-65

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.R. #8 TO P.R. #3
P.R. #8									P.R. #8
1	4	002	305 5	14 (1/2) 4 20	262	800	563 5	272 252 20	
2	7	804	308 5	41 (1/2) 7 68	261	085	562 5	294 228 66	
3	64	024	365 5	87 41 88 46	116	450	417 5	140 92 86 48	
4	213	121	514 5	226 199 134 27	119	525	420 5	133 105 134 28	
5	249	020	550 5	277 221 161 56	50	390	351 5	76 24 162 52	
				217 ✓				214 ✓	
								217 ✓	
	537	971 ✓			810	250 ✓		431 ✓	
					537	971 ✓			
					272	279 ✓			
P.R. #3									P.R. #3

JOB NO. 0301.06 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Palmdale Reservoir

NOTES BY G.E. Dreier DATE 3-11-69

INDEXED [illegible] DATE

WEATHER Sunny & Clear T = 54°

TIME 2:15

NOTES CHKD [illegible] DATE

INST. NO. [illegible]

ROD NO. 9919

F.B. 3450 PG. 177

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.R. #3 TO P.R. #8
P.R. #3									P.R. #3
1	23	652	324 5	60 (1/2) 23 74	287	150	588 5	287 (1/2) 248 74	
2	95	743	396 5	129 61 68	29	641	330 5	63 (1/2) 29 68	
3	246	995	547 5	274 142 218 56	8	726	309 5	36 (1/2) 8 142 56	T-Dreier
4	241	254	542 5	250 198 233 17	9	760	310 5	18 198 1 17	
				215 ✓				215 ✓	
								215 ✓	
	607	644 ✓			335	277 ✓		430 ✓	
P.R. #8	335	277 ✓							P.R. #8
	+272	367 ✓							

F.B. 3450 Pg. 178

JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY Dreier NOTES Maldonado 3-12-69

INDEXED [illegible] DATE

WEATHER Sunny & windy INST. NO. 98716

TIME 10:05 ROD NO. #18

NOTES CHKD [illegible] DATE

T-52°

76P526 CE # 308 3-65

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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	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.R. #3 TO P.R. #4
P.R. #3													P.R. #3
					142						216		
1	110	018	411	5	78	64	184	650	485		152	64	
					210						186		
2	173	348	474	5	137	73	149	482	450	5	112	74	
					141	137					185	138	
3	112	128	413	5	83	58	156	835	457	5	126	59	
						195						197	
												195	
	395	494					490	967				392	
							395	494					
P.R. #4							95	473					P.R. #4

JOB NO. 0301 ~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T=54°

SURVEY BY G.E. Dreier

~~NOTES BY~~ Maldonado DATE 3-11-69 TIME 2:35 WEATHER Sunny & Clear INST. NO. 98712

INDEXED ~~[illegible]~~ DATE NOTES CHKD [illegible] DATE ROD NO. 9819

F.B. 3450 PG. 179

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.R 4 TO PR#3
P.R. 4									P.R #4
1	169	308	470 5	206 132 74	80	852	381 5	117 43 74	
2	99	923	400 5	131 67 64	159	515	460 5	190 127 63	
3	176	020	477 5	205 147 138 58 196	109	547	410 5	138 79 137 59 196	π-Dreier
	445	251			349	914		196 392	
P.R. #3	349	914							P.R. #3
	~~+ 94~~	~~337~~							
	+ 95	337							

T-52°

F.B. 3450 PG. 180

JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY Dreier NOTES Maldonado 3-12-69

INDEXED [redacted] DATE

WEATHER Sunny & Windy INST. NO. 76-216

TIME 9:30 ROD NO. [illegible]

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.R.# 4 TO P.I.D. 1
P.R.# 4									P.R.# 4
1	17 ~~18~~	870	318 5	56 16 17 (2) 78	280	290	581 5	280 241 (2) 78	
					17	870		78	
					262	420		156	
P.I.D.# 1									P.I.D.# 1

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ Palmdale Reservoir T.52°

SURVEY BY G.E. Dreier WEATHER Sunny Fere INST. NO. 25776

INDEXED [illegible] DATE 3-12-69 TIME 9:10 JOB NO. 9419

NOTES CHKD [illegible] DATE [illegible]

F.B. 3450 PG. 181

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D. #1 TO P.R. #4
P.I.D. #1									P.I.D. #1
				280 (1/2)				57	
1	280	965	581	241 (1/2) 78	18	500	319	5 18 (1/2) 78	K. Dreier
	18	500						78	
	4262	465						156	
P.R. #4									P.R. 4

T-32°

WEATHER Sunny & clear INST. NO. 96716

TIME 9:25 ROD NO. 9519

NOTES CHKD [illegible] DATE

JOB NO. 030106

SURVEY OF Palmdale Res

SURVEY BY Dreier NOTES Maldonado 5-12-69

INDEXED [illegible] DATE

P.B. 3450 Pg. 182

76P526 CE # 308 3-65

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203 Los Angeles County Engineering Bldg.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM P.I.D. #1 TO BM 101-17
P.I.D. #1													P.I.D. #1
					94	✓					237		
1	71	920	372	5	48	46	214	713	515	5	191	46 ✓	
							71	520 ✓				46	
							142	793 ✓				92 ✓	
~~BM~~ ~~BM~~ 101-17													B.M. 101-17

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

SURVEY BY _____ WEATHER _____ INST. NO. _____

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-52°

F.B. 3450 PG. 183

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-17 TO P.I.D. #1
BM 101-17									BM 101-17
				233				91	
1	210	957	511 5	187 46	68	181	369 5	45 46	T-Dreier
	68	181						46	
	142	776						92	
P.I.D. #1									P.I.D. #1

F.B. 3450 PG. 184

JOB NO. 030106

SURVEY OF Palmdale Reservoir

SURVEY BY Dreier NOTES Maldonado

INDEXED G. L. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 9:35 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE

T-52°

76P526 CE # 308 3-65

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403 Los Angeles County Engineering Bldg.

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Do not extend notes this side of this line.

JOB NO. 0301-06 SURVEY OF PALMDALE RESERVOIR & CO. PRECISE LEVEL NET
SURVEY BY DREIER WEATHER Cloudy 41°
INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible] INST. NO. 2076
F.B. 3450 Pg. 185

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 101-39 TO PALMDALE B-9
B.M.101-39													B.M.101-39 Vol R 2
1	273	908	524	5	238 208	30	18	648	319	5	32 4	28	
2	294	600	595	5	301 287	14	2	888	303	5	½ 9 2	14	
3	299	942	600	5	½ 299 290	44 18	8	392	309	5	½ 18 8	42 20	
4	270	061	571	5	276 264	62 12	33	160	334	5	39 27	62 12	
5	177	101	478	5	181 173	74 8	60	577	361	5	64 56	74 8	
						82 ✓						82 ✓	
												82 ✓	PALMDALE B-9
PALMDALE B-9	1265	612	✓				123	665 ✓				164 ✓	
	123	665 ✓											
	+ 1141	947 ✓											

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM PALMDALE B-9 TO B.M. 101-39
PALMDALE B-9									PALMDALE B-9
1	12	313	313 5	18 6 12	292	132	593 5	299 285 14	
2	21	828	322 5	26 16 10	300	418	601 5	1/2 300 295 10	
3	8	593	309 5	15 1 14 22	299	752	600 5	1/2 307 292 15 24	
4	43	367	344 5	48 38 10 36	205	773	506 5	208 202 6 39	
5	65	319	366 5	78 52 26 46	195	246	496 5	208 182 26 45	
				72				71	
101-39								72	B.M. 101-39
	151	420			1293	319		143	
					151	420			
					1141	899			
					1141	899			

41°

WEATHER CLOUDY INST. NO. 96716

TIME 1140 TO ROD NO. 9819

NOTES CHKD. [signature] DATE

JOB NO. 8301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES DREIER 3-13-69

INDEXED [illegible] DATE

F.B. 3450 PG. 186

Notes Ck'd by	Survey of Palmdale Reservoir
Map No.	JN 0301.06 Tape 175 Std 84 °F
Office Work	Surveyed by RGW / JGR
Checked	Notes JGR Date Mar-69
Date	Indexed C. J. GALLI APR 17 '69

F. B. 3450 PG. 187

Noted ... Index Card
Placed ... S.G.E. Quad. Shts.
Placed on Sur. Div. W.S. No.
Sketch on Geo. Dept. Card

PALMDALE RESERVOIR

J.N. 0301.06

ECCENTRIC CONNECTIONS

P.R. Nº 1 TO P.I.D. Nº 4

&

P.R. Nº 4 TO P.I.D. Nº 1

MEASUREMENTS MADE

14 - MAR. - '69

ADAMS
DOVER
FISHER, D.H.
COCKERHAM

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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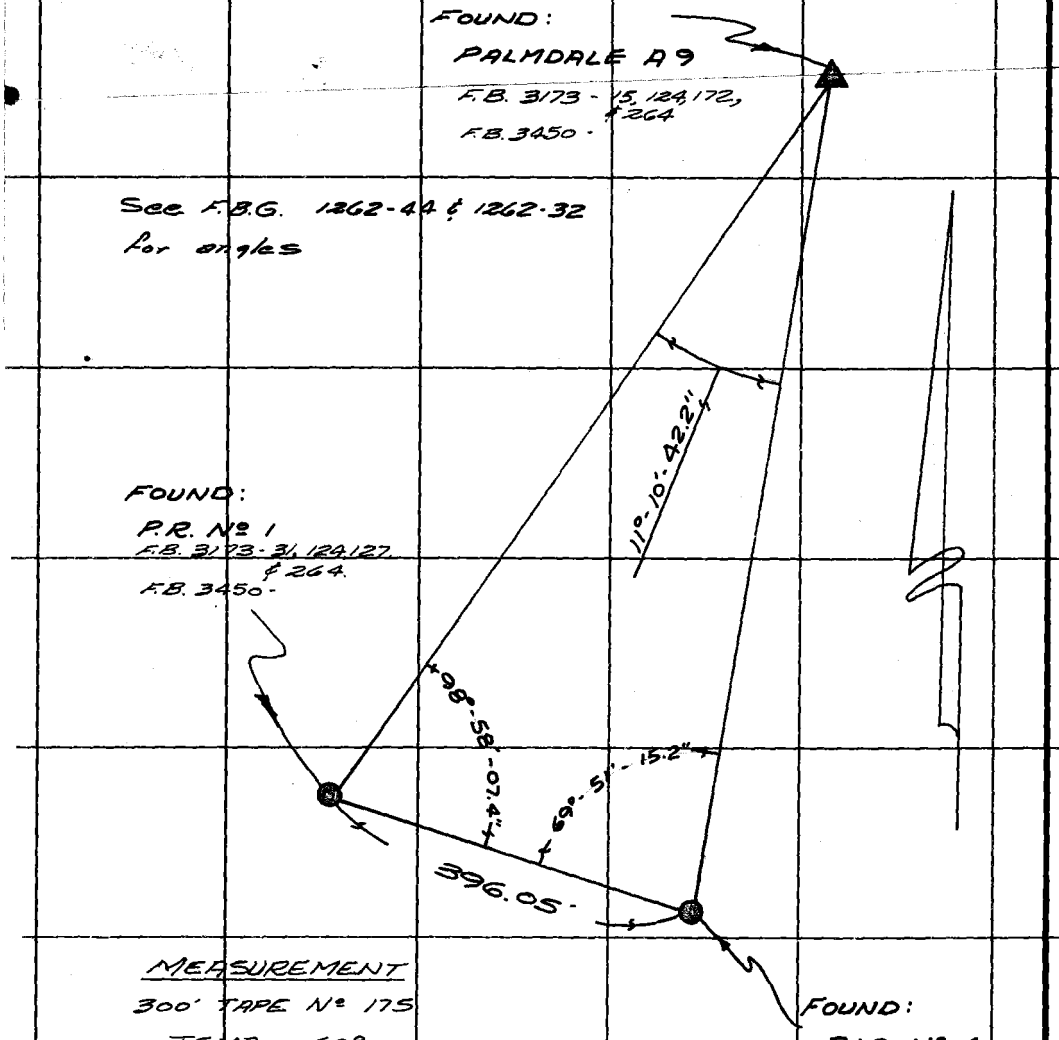
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B 3450 PG 188



MEASUREMENT

300' TAPE Nº 175

TEMP = 60°
(All @ Lev.)

84	95
146	61
164	55
396	11
−	0.06
396	05'

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of Palmdale Reservoir
Map No.	JN [illegible] Tape 175 Std 84 °F
Office Work	Surveyed by RCW/JGR
Checked	Notes JGR Date Mar-69
Date	Indexed C. J. GALLI

F. B. 3450 PG. 189

Noted on Geo. Index Card
Placed on [illegible] Geod. Shts.
Placed on [illegible] W. S. No.
Sketch on Geo. Desc. Card

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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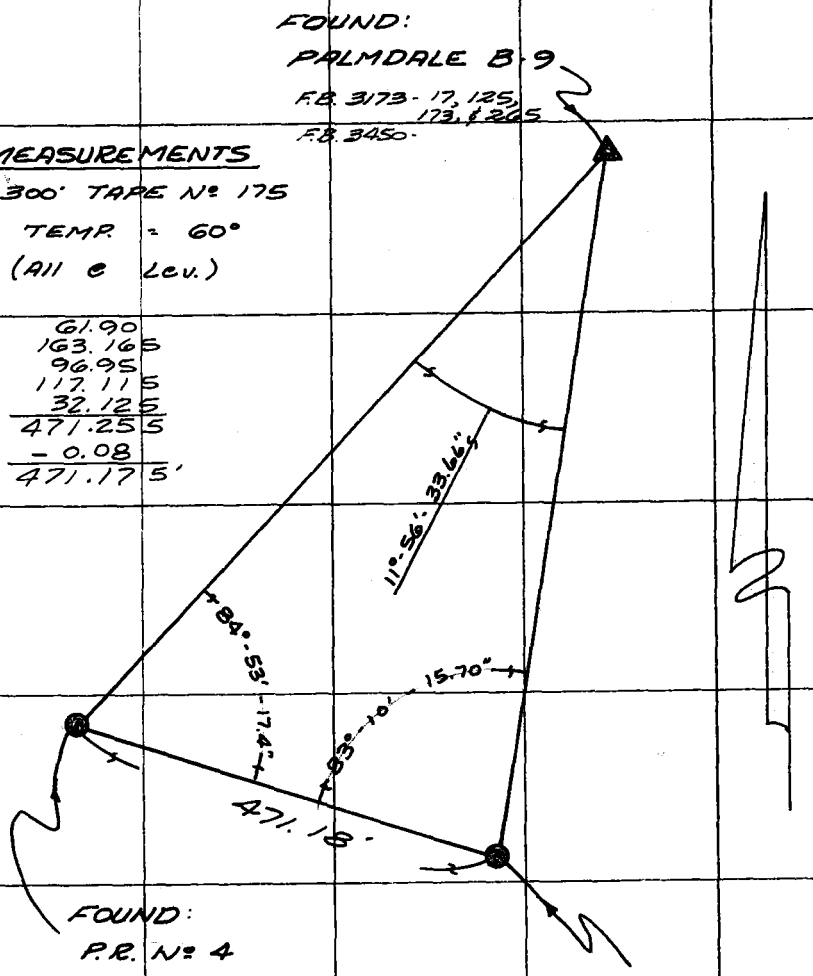

MEASUREMENTS

300' TAPE Nº 175

TEMP. = 60°

(All @ Lev.)

61.90
163.165
96.95
117.115
32.125
471.255
- 0.08
471.175'

See F.B.G - 1239-29 for angles
1239-24
1239-44

76F3095 CE#310 3-68

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F. B. 3950 PG 156

Notes Ck'd by	Survey of PALMDALE RESERVOIR F. B. 3450 Pg. 191
Map No.	JN 0301.06 Tape Std °F
Office Work	Surveyed by G.E.DREIER
Checked	Notes G.E. DREIER Date 5-9-73
Date	Indexed

JOB NO. 0301.06

PALMDALE RESERVOIR

MAY 1973 RELEVELING.

DREIER
PETERSON, T.C.
SIEMANN
MCKNIGHT
OHASHI

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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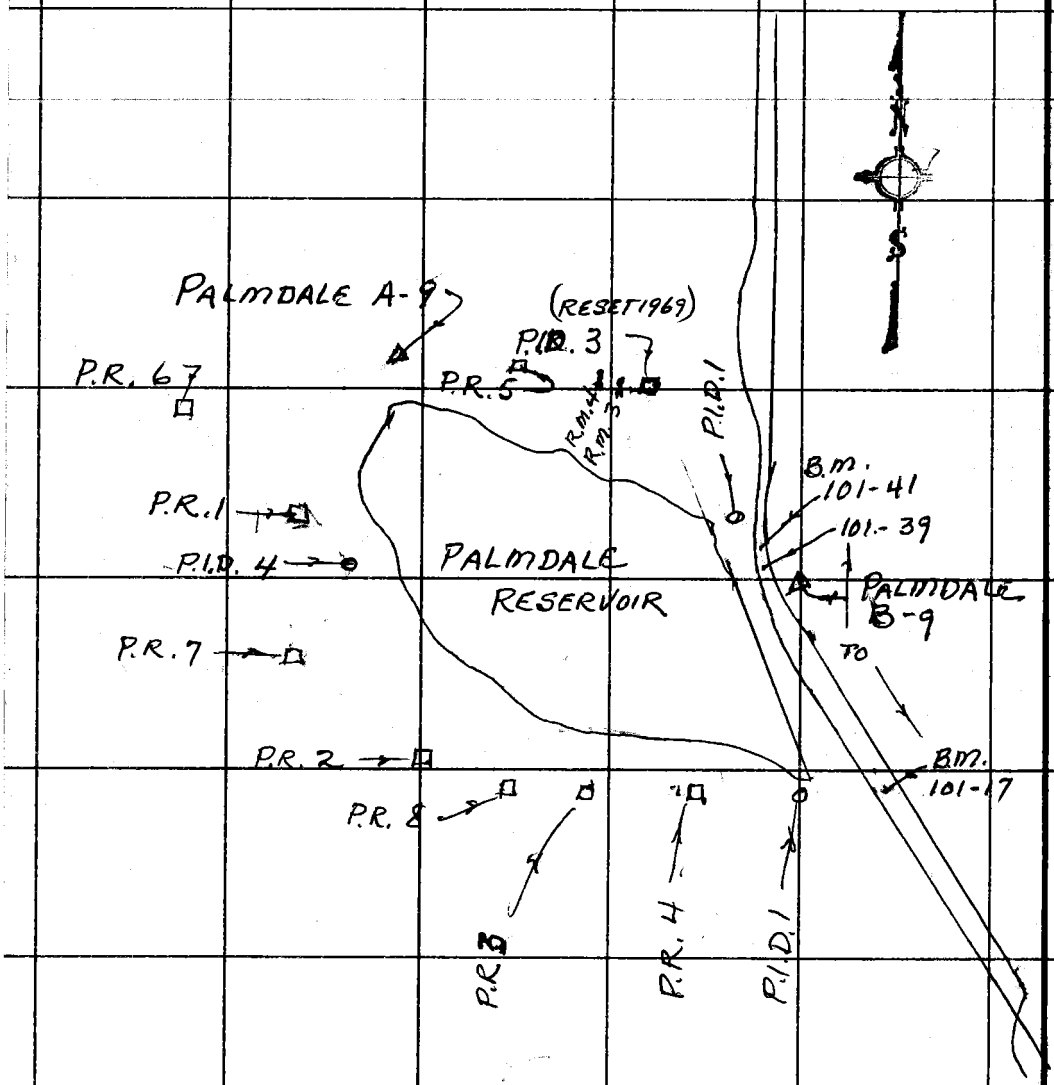
76F309S CE#310 3-69

F. B. 3450 PG 197

ROUTE SKETCH, PALMDALE RESERVOIR, MAY 1973



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76P526 CE # 308 3-61

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-17 TO B.M. 101-18
B.M. 101-17									B.M. 101-17 (D-429)
1	91	083	392 5	103 79 24	180	488	481 5	192 168 24	π = PETERSON
B.M. 101-18					91	083 ✓		✓24	B.M. 101-18 (C-429)
					- 89	405 ✓		✓48	
	5-14-73 CLOUDY, HUMID T = 82°								2:26 TO 2:30
B.M. 101-18									
1	187	975	488 5	200 174 26	98	608	399 5	111 85 26	π = ANDERSON
B.M. 101-17	98	608 ✓						✓26	
+	89	367 ✓						✓52	

JOB NO. 030 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR T = 76°

SURVEY BY G. E. DREIER DATE 5-9-73 WEATHER SUNNY INST. NO. 96716

NOTES BY [illegible] DATE 5-9-73 TIME 9:45 TO 9:46 ROD NO. 1713 A&B

INDEXED T. M. PALMERI DATE MAY 16 1973 NOTES CHKD. [illegible] DATE 17 [illegible] 73

F.B. 3450 PG. 193

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Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM 101-18 TO 101-19
B.M. 101-18							B.M. 101-18 (C-429)
1	105 071	406 5	117 93 24	165 732	466 5	177 153 24	π = PETERSON
B.M. 101-19				105 071 /		/ 24	B.M. 101-19 (B-429)
				− 60 661 /		/ 48	
B.M. 101-19							5-14-73 2:24 TO 2:26
1	168 083	469 5	181 155 26	107 452	408 5	119 95 24	
B.M. 101-18	107 452 /					/ 26	CLOUDY T = 82°
	+ 60 631 /					/ 50	
							π = ANDERSON

F.B. 3450 PG. 194 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES SIEMANN 5-9-73

INDEXED T. M. PALMER DATE MAY 16 1973

T = 76°

WEATHER SUNNY, CLEAR INST. NO. 96 71C

TIME 5 50 70 9:50 ROD NO. 1713 AB

NOTES CHKD ROBERT L. HACOCK DATE 17 MAY '73

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-19 TO B.M. 101-20
B.M 101-19									B.M. 101-19 (B-429)
1	113	098	414 5	124 102 22	190	843	491 5	202 178 24	π = PETERSON
B.M. 101-20					113	098 ✓		✓22	B.M. 101-20 (A-429)
					− 77	745 ✓		✓46	
B.M. 101-20									5-14-73 2:20 TO 2:22
1	201	363	502 5	213 189 24	123	610	424 5	135 111 24	CLOUDY T = 84°
B.M. 101-19	123	610 ✓						✓24	
	+ 77	753 ✓						✓48	π = ANDERSON

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR T = 76°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 5-7-73
INDEXED I. M. PALMERI DATE MAY 16 1973
WEATHER SUNNY, CLEAR INST. NO. 96716
TIME 9:00 TO 10:00 ROD NO. 17134
NOTES CHKD ROBERT E. HEACOCK DATE 17 MAY '73
F.B. 3450 PG. 195

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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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-20 TO B.M. 101-21
B.M. 101-20									B.M. 101-20 (A-429)
1	85	440	386 5	97 73 24	186	826	487 5	198 174 24	π = ~~AN~~ PETERSON
B.M. 101-21					85	440	/	/ 24	B.M. 101-21 (Z-428)
					-101	386	/	/ 48	
B.M. 101-21									
1	203	992	504 5	215 191 24	102	583	403 5	114 90 24	5-14-73 2:15 TO 2:20
									CLOUDY T = 84°
B.M. 101-20	102	583	/					/ 24	
	+101	409	/					/ 48	π = ANDERSON

F.B. 3450 PG. 196 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES SIEMANN 5-9-73

INDEXED J. M. PALMERI DATE MAY 16 1973

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 10:00 TO 10:03 ROD NO. 1713 AB

NOTES CHKD. [illegible] DATE 17 MAY 73

T = 76°

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-21 TO B.M. 101-22
B.M. 101-21									B.M. 101-21 (Z-428)
1	92	572	393 5	104 80 24	136	433	437 5	148 124 24	π = PETERSON
B.M. 101-22					92	572		24	B.M. 101-22 (Y-428)
					43	861		48	
B.M. 101-22									5-14-73 2:10 TO 2:13
1	207	789	508 5	220 194 16	163	982	464 5	177 149 18	CLOUDY, HUMID T = 82°
B.M. 101-21	163	982						16	
	+ 43	807						34	π = ANDERSON

JOB NO. 0301.06 SURVEY OF L.A. CO. PRECISE LEVEL NET PALMDALE RESERVOIR T = 76°

SURVEY BY G.E. DREIER

WEATHER SUNNY, CLEAR INST. NO. 96716

NOTES BY SIEMANN DATE 5-9-73 TIME 10:30 TO 10:05 ROD NO. 1713 HB

INDEXED L. M. PALMERI DATE MAY 16 1973 NOTED BY ROBERT E. HEACOCK DATE 17 MAY '73

F.B. 3450 PG. 197

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	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B-M101-22 TO BM101-23
B.M.101-22							B.M.101-22 (Y-428)
1	98855	399 5	160 86 24	151 732	452 5	164 138 26	π = PETERSON
B.M.101-23				98855	/	/ 24	B.M.101-23 (X-428)
				-52877	/	/ 50	
B.M.101-23							5-14-73 2:08 TO 2:10
1	232013	5 33 5	247 217 30	179 112	480 5	193 164 30	CLOUDY T = 84°
B.M101-22	179 112	/				/ 30	
	+52901	/				/ 60	π = ANDERSON

F.B. 3450 PG. 198 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES SIEMANN 5-9-73

INDEXED T. M. PALMERI DATE MAY 16 1973

WEATHER SUNNY INST. NO. 96716

TIME 10:05 TO 10:08 ROD NO. 1713 AB

NOTES ~~CHKD~~ DATE 17 MAY 73

T = 78°

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-23 TO B.M.101-26
B.M.101-23									B.M.101-23 (X-428)
1	146	588	447 5	182 110 72	290	295	591 5	290 254 72	π = PETERSON
B.M.101-26					146	588		72	B.M.101-26 (U-428)
					-143	705		144	
B.M.101-26									5-14-73 1:48 TO 1:50
1	290	082	591 5	290 255 70	146	441 ~~505~~	447 5	182 110 72	
B.M.101-23	146	441 ~~[illegible]~~						70	CLOUDY, HUMID T = 84°
	+143	641 ~~77~~						142	π = ANDERSON

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR T = 78°

SURVEY BY G. E. DREIER WEATHER SUNNY INST. NO. 96716

NOTES BY S. E. MANN DATE 5-9-73 TIME 10:10 TO 10:14 ROD NO. 17 [illegible]

INDEXED I. M. PALMERI DATE MAY 16 1973 NOTES CHKD E. HEACOCK DATE 17 MAY 73

F.B. 3450 PG. 199

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

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

Do not extend notes this side of this line.

F.B. 3450 PG. 200 JOB NO. 0301.06
SURVEY OF PALM DALE RESERVOIR
SURVEY BY DREIER NOTES SIEMANN 5-9-73
INDEXED J. M. PALMERI DATE MAY 16 1973

WEATHER SUNNY, CLEAR T= 84° INST. NO. 86716
TIME ROD NO. 12342
NOTES ROBERT E. HEACOCK CHKD. DATE 17 MAY 73

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 101-26 TO B.M. 101-28
B.M. 101-26							B.M. 101-26 (U-428)
1	279 932	580 5	294 264 30	221 333	522 5	237 205 32	T = PETERSON
B.M. 101-28	221 333 /					1 30	B.M. 101-28 (T-487)
	+ 58599 /					1 62	
B.M. 101-28							5-14-73 1:45 TO 1:48
1	207 949	568 5	223 191 32	266 543	567 5	282 250 32	CLOUDY T = 84°
B.M. 101-26				207 949 /		1 32	
				+ 58594 /		1 64	T = ANDERSON

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.101-28 TO B.M.101-29
BM101-28							B.M.101-28 (T-487)
1	197 071	498 5	205 189 16	186 108	487 5	194 178 16	π = PETERSON
BM.101-29	186 108					16	B.M.101-29 (V-487)
	+ 10963					32	
BM.101-29							5-14-73 1:38 TO 1:45
1	170 030	471 5	178 162 16	181 021	482 5	189 173 16	CLOUDY T= 84°
B.M.101-28				170 030		16	π = ANDERSON
				- 10991		32	

JOB NO. 0301.06 SURVEY OF L.A. CO. PRECISE LEVEL NET PALMDALE RESERVOIR T=88°
SURVEY BY G.E. DREIER DATE 5-9-73 WEATHER SUNNY, CLEAR INST. NO. 96716
NOTES BY SIEMANN DATE 5-9-73 TIME 10:45 TO 10:50 ROD NO. 1713AB
INDEXED T. M. PALMERI DATE MAY 16 1973 NOTES CHKD. E. HEACOCK DATE 17 MAY 73
F.B. 3450 PG. 201

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	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 101-29 TO B.M. 101-30
B.M. 101-29							B.M. 101-29 (V-487)
1	185 443	486 5	196 174 22	96 908	397 5	107 85 22	π- PETERSON
B.M. 101-30	96 908 /					/ 22	B.M. 101-30 (S-428)
	+ 88 535 /					/ 44	
~~B.M. 101-30~~							
1	~~81 045~~	~~382 5~~	~~94 68 26~~	~~80 169 502~~	~~481 5~~	~~197 167 26~~	5-14-73 1:36 70 1:38
							CLOUDY T= 84°
~~B.M. 101-29~~				~~81 045~~		~~26~~	
				~~9 457~~		~~52~~	π- ANDERSON
B.M. 101-30							
1	80 663	381 5	91 69 22	169 141	470 5	180 158 22	
B.M. 101-29				80 663 /		/ 22	
				- 88 478 /		/ 44	

T= 86°

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 10:52 TO 10:55 ROD NO. 1713AB

NOTES ROBERT E. HEACOCK CHKD. DATE 17 Nov 73

F.B. 3450 PG. 202 JOB NO. 0301.06

SURVEY OF PALM DALE RESERVOIR

SURVEY BY DREIER NOTES SIEMANN 5-9-73

INDEXED T. M. PALMERI DATE MAY 16 1973

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR CH[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-30 TO B.M.101-32
B.M.101-30									B.M.101-30 (S-428)
	85	877	386 5	98 72 26	134	608	435 5	146 122 24	T= PETERSON
B.M.101-32					85	877	/	/ 26	B.M.101-32 (X-487)
					+ 48	731	/	/ 50	
B.M.101-32									5-14-73 1:32 TO 1:34
1	112	597	413 5	124 100 24	63	797	364 5	75 51 24	PTLY CLOUDY T= 84°
B.M.101-30	63	797	/					/ 24	
	+ 48	800	/					/ 48	T= ANDERSON

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR T= 86°

SURVEY BY G. E. DREIER DATE 5-9-73 WEATHER SUNNY INST. NO. 96716

NOTES BY S. M. PALMERI DATE MAY 16 1973 NOTES ROBERT E. HEACOCK DATE 17 MAY 73

INDEXED [illegible] M. PALMERI

F.B. 3450 PG. 203

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-32 TO B.M.101-33
B.M.101-32									B.M.101-32 (X-487)
1	135	338	436 5	142 128 14	140	952	441 5	147 133 14	π = PETERSON
B.M.101-33					135	338 /		/ 14	B.M.101-33 (Y-487)
					+ 5	614 /		/ 28	
B.M.101-33									5-14-73 1:28 TO 1:30
1	145	730	446 5	152 138 14	140	163	441 5	146 134 12	PTLY. CLOUDY T = 84°
B.M.101-32	140	163 /						/ 14	
	+ 5	567 /						/ 26	π = ANDERSON

F.B. 3450 PG. 204 JOB NO 0301.06

SURVEY OF ~~G.E.~~ PALMDALE RESERVOIR

SURVEY BY DREIER NOTES GIEMANN 5-9-73

INDEXED T. M. PALMERI DATE MAY 16 1973

WEATHER SUNNY INST. NO. 96716

TIME 11:00 TO ROD NO. 113 A B

NOTES CHKD. ROBERT L. HEACOCK DATE 17 MAY 73

T = 86°

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-33 TO B.M. 101-34
B.M. 101-33									B.M. 101-33 (Y-487)
1	+159	625	460 5	166 152 14	155	942	456 5	162 148 14	π = PETERSON
B.M. 101-34	-155	942						14	B.M. 101-34 (Z-487)
	+ 3	683						28	
B.M. 101-34									
1	133	542	434 5	140 126 14	137	207	438 5	144 130 14	5-14-73 - 1:25 TO 1:27 HOT PTLY CLOUDY T = 84°
B.M. 101-33					133	542		14	π = ANDERSON
					- 3	665		28	

JOB NO. 0301.06 SURVEY OF L.A. CO. PRECISE LEVEL NET PALMDALE RESERVOIR T = 86°

SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO. 96716

NOTES BY SIEMANN DATE 5-9-73 TIME 11:04 TO 11:05 ROD NO. 1713AB

INDEXED L. M. PALMER DATE MAY 16 1973 NOTES CHECKED ROBERT E. HEACOCK DATE 17 MAY 73

F.B. 3450 PG. 205

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-34 TO B.M.101-35
B.M.101-34									B.M.101-34 (~~[illegible]~~) (2487)
1	+148	231	449 5	154 142 12	140	741	441 5	146 134 12	
	-140	741						12	
Bm101-35	+ 7	490						24	Bm101-35 (Q428)
Bm101-35									DATE: MAY 14, '73
									TIME: 13:25
1	145	110	446 5	150 141 10	152	608	453 5	157 147 10	WEATHER: CLOUDY & CALM
					145	110		10	TEMP. = 84°
Bm101-34					- 7	498		20	OBSERVER: T. OHASHI

F.B. 3450 PG. 206 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DRIER NOTES PETERSON

INDEXED L. M. PALMERI DATE MAY 16 1973

WEATHER CLEAR & CALM INST. NO. 96716

TIME 1110-1114 ROD NO. 171348

NOTES CHKD ROBERT E. HLACOCK DATE 17 MAY 73

T2 86

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR CH[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-35 TO B.M.101-36
B.M.101-35									B.M.101-35 (Q 428)
1	136	265	437 5	148 124 24	146	362	447 5	159 133 26	
					136	265	✓	- 24	
								- 50	
Bm101-36	14			156	- 10	097	✓		BM101-36 (P-428)
	~~143~~	~~820~~	~~444~~ ~~5~~	~~130~~ ~~26~~					
									DATE: MAY 14, '73
B.M.101-36				156				145	TIME: 13:10 -
1	143	820	444 5	130 26	133	710	434 5	121 24	WEATHER: CLOUDY & CALM
	133	710	✓					26	TEMP. = 84°
	+ 10	110	✓					50	OBSERVER: T. OHASHI

JOB NO. 0301,~~02~~ 06 SURVEY OF L.A. CO. PRECISE LEVEL NET PALMDALE RESERVOIR
SURVEY BY G.E. DREIER
NOTES BY [illegible] DATE
INDEXED T. M. PALMER DATE MAY 16 1973
WEATHER CLEAR & CALM INST. NO 96716
TIME 1127 - ROD NO 1719AB
NOTES CHKD. E. HEACOCK DATE [illegible]

T-84

F.B. 3450 PG. 207

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

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

Do not extend notes this side of this line.

F.B. 3450 PG. 208
JOB NO. 03501.08
SURVEY OF PALMDALE RESERVOIR
SURVEY BY DREIER NOTES PETERSON
INDEXED T. M. PALMERI DATE MAY 16 1973

WEATHER CLEAR & CALM INST. NO. 96716
TIME 1137 - 1133 ROD NO. 7134B
NOTES ROBERT E. HEACOCK DATE 17 MAY 73

T = 84

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M.101-36 TO B.M.101-39
B.M.101-36							B.M.101-36 (P428)
1	260 382	561 5	283 237 46	65 200	366 5	89 41 48	
2	209 526	5105	222 196 26	84 317	3855	96 72 24	
			72			72	
B.M.101-39	469 908 ✓			149 517 ✓		72	B.M.101-39 (DOIR 2)
	149 517 ✓					144	
B.M.101-39	320 391 ✓						
B.M.101-39			43			250	DATE: MAY 14, '73
1	31 532	332 5	19 24	237 198	538 5	224 26	TIME: 11:45 - 12:00
			51	196		203	WEATHER: CLEAR & CALM
2	43 942	344 5	35 16	89 695	497 5	189 19	TEMP. = 86°
			163 40			127 90	OBSERVER: T. OHASHI
3	150 170	451 5	137 26	112 211	413 5	97 30	
	225 644 ✓		166	546 104 ✓		70	
B.M.101-36				225 644 ✓		66	
(P-428)			-	320 460 ✓		136	

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR CH[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-39 TO B.M.101-41
B.M.101-39									B.M.101-39 (VOIR 2)
1	111	749	412 5	122 100 22	240	382	541 5	252 228 24	
								22	
BM101-41					+111	749		46	BM101-41 (J 811)
					-128	633			
B.M.101-41	238	892	539 5	249 227 22	110	288	411 5	122 98 24	DATE: MAY 14, '73
	110	288						22	TIME: 11:05 -
+	128	604						46	WEATER: CLEAR & CALM
									TEMP. 82°
									OBSERVER: T. OHASHI
B.M.101-39									RECORDER R. ANDERSON

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR T-84
SURVEY BY G.E. DREIER WEATHER CLEAR & CALM INST. NO. 26 [illegible]
NOTES BY PETERSON DATE 5-9-73 TIME 11:34-11:36 ROD NO. 1713AO
INDEXED I. M. PALMERI DATE MAY 16 1973 NOTES CHKD. [illegible] HEADOCK DATE 17 [illegible] 73

F.B. 3450 PG. 209

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	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M.101-41 TO ~~B.M.101~~ P.I.D #2
B.M. 101-41									B.M.101-41 (J 811)
1	164	498	465 5	182 / 146 36	84	999	385 5	102 / 66 36	
2	274	098	575 5	283 / 265 18 / 54	53	470	354 5	63 / 43 20 / 56	
3	218	659	519 5	226 / 210 16 / 70	84	411	385 5	92 / 76 16 / 72	
4	269	590	570 5	276 / 262 14 / 184	35	280	336 5	42 / 28 14 / 186	
P.I.D. #2	26 / 944	845	/		258	160	/	184 / 1170	P.I.D. #2
	258	160	/						
	~~+686~~	~~685~~							
	+ 668	685	/						
P.I.D. #2 +									DATE: MAY 14, '73
1	38	548	339 5	46 / 30 16	255	752	556 5	262 / 248 14	TIME: 10:30 – 11:00
2	68	645	369 5	76 / 60 16 / 32	216	790	517 5	225 / 207 18 / 32	TEMP.: 80°
3	52	098	353 5	63 / 41 22 / 54	275	903	576 5	284 / 266 18 / 50	WEATHER: CLEAR & CALM
4	108	570	409 5	126 / 90 36 / 190	188	060	489 5	208 / 168 40 / 190	OBSERVER: T. OHASHI
	267	861	/		936	505	/	190	
					267	861	/	190	
B.M. 101-41 (J 811)				–	668	644	/	1180	

F.B. 3450 PG. 216

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES PETERSON

INDEXED T. M. PALMERI DATE MAY 16 1973

JOB NO. 0301.02

WEATHER CLEAR & CALM INST. NO. 96716

TIME 11:45 – ROD NO. 1713AB

NOTES CHKD. ROBT. E. HEACOCK DATE 17 MAY '73

T-84

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR CH[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
P.I.D. #2	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ~~B.M.101~~ P.I.D. #2 TO ~~[illegible]~~ P.I.D. 3 R
~~B.M.101~~									~~B.M.101~~ - P.I.D. #2
1	34	161	335 5	42 / 26 16	260	985	561 5	269 / 251 18	
2	162	428	463 5	190 / 134 56 / 72	133	080	434 5	161 / 105 56 / 74	
3	153 ~~154~~	982	454 5	174 / 132 42 / 114	167	825	468 5	188 / 146 42 / 116	
4	145	059	446 5	169 / 121 48 / 162	135	230	436 5	159 / 111 48 / 164	
5	167	271	468 5	181 / 153 28 / 1190	81	585	382 5	94 / 68 26 / 1190	
P.I.D. #3 RESET 1969	662	901	1		778	705	1	1190	P.I.D. #3 (RESET 1969)
					662	901	1	1 190	
					-115	804	1	1 380	
P.I.D. #3 RESET 1969									⊼ T. OHASHI
1	76	456	377 5	92 / 60 32	172	910	473 5	190 / 154 36	5-11-73, 3:00 TEMP=85 VERY WINDY
2	155	453	456 5	182 / 128 54 / 86	137	314	438 5	163 / 111 52 / 88	
3	147	102	448 5	175 / 119 56 / 142	153	208	454 5	181 / 125 56 / 144	
4	123	227	424 5	144 / 102 42 / 184	87	802	388 5	108 / 66 42 / 186	
5	206	730	507 5	212 / 200 12 / 1196	42	050	343 5	47 / 37 10 / 1196	
P.I.D. #2	708	968	1		593	284	1	1196	
	593	284	1					1196	
	+115	684	1					1392	

JOB NO. 0301.~~02~~ 06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR

SURVEY BY G. E. DREIER

NOTES BY T. C. PETERSON DATE 5-9-73

INDEXED T. M. PALMERI DATE MAY 16 1973

WEATHER CLEAR & CALM INST. NO. 76716

TIME 13:35 - 13:58 ROD NO. 17134B

NOTES CHKD. [illegible] DATE 17 MAY 73

F.B. 3450 PG. 211

T=90

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

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

Do not extend notes this side of this line.

F.B. 3450 Pg. 242 | JOB NO. 0301.02
SURVEY OF PALMDALE RESERVOIR
SURVEY BY: DREIER NOTES PETERSON
INDEXED: L. M. PALMER DATE MAY 16 1973

T-86
WEATHER CLEAR-CALM INST. NO. 96716
TIME 1400-1402 ROD NO. L7348
NOTES CHKD ROBERT E. HEACOCK DATE 17 MAY 73

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ~~P.I.D. #3~~ TO ~~B.M. 101~~
~~P.I.D. #3 B.M. 101~~ RESET 1969	199668	5005	208 / 190 18	232500	5335	241 / 223 18	~~P.I.D.~~ P.I.D. #3 (RESET 1969)
				199668		1 18	
P.I.D. #3 R.M. #3				32832		136	P.I.D. #3 (R.M. #3)
P.I.D. #3 R.M. #3							
1							
P.I.D. #3 RESET 1969	230618	531 5	239 / 224 18	197779	4985	206 / 188 18	
~~+~~	197779	~~498~~	1			1 18	5-11-73 2:55
	+ 32839					1 36	

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR CH[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
P.I.D. #3 RM 3	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D. #3 RM 3 TO P.I.D. #3 RM #4
									P.I.D. #3 (R.M. #3)
1	44	635	345 5	52 36 16	234	185	535 5	243 225 16	
2	105	648	406 5	114 96 18	152	200	453 5	161 143 18	
				34				34	
P.I.D. #3 R.M. #4	150	283			386	385		34	P.I.D. #3 (R.M. #4)
					150	283		68	
					236	102			
P.I.D. 3, R.M. 4									
1	164	334	465 5	176 152 24	60	490	361 5	72 48 24	
2	198	268	499 5	203 193 10	66	018	367 5	70 62 8	T OHASHI 5-11-73, 2:50 TEMP=86° WINDY
				34				32	
P.I.D. #3, R.M. 3								34	
	362	602			126	508		66	
	126	508							
+	236	094							

JOB NO. 0301.~~02~~ 06 SURVEY OF L.A. CO. PRECISE LEVEL NET PALM DALE RESER VOIR T-86

SURVEY BY G. E. DREIER WEATHER CLEAR & CALM INST. NO. 76716

NOTES BY PETERSON DATE 5-9-73 TIME 1405-1410 ROD NO. 71348

INDEXED L. M. PALMER DATE MAY 16 1973 NOTES CHKD E. HEACOCK DATE

F.B. 3450 PG. 213

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

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

Do not extend notes this side of this line.

F.B. 3450 PG. 214 JOB NO. 0301.06
SURVEY OF PALM DALE RESERVOIR
SURVEY BY DREIER NOTES PETERSON
INDEXED T. M. PALMERI DATE MAY 16 1973

T = 86
WEATHER CLEAR & CALM INST. NO. 967716
TIME 11:12 - 14:15D ROD NO. 1713 A3
NOTES ROBERT E. HEADCOCK DATE 1-7 MW 73

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
P.I.D. #3 R.M. #4	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM P.I.D. #3 RM #4 TO P.R. 5
							P.I.D. #3 (R.M. #4)
1	293 414	594 5	(1) 293 274 38	89 360	390 5	107 69 40	
2	81 832	382 5	95 67 28 / 66	157 322	458 5	171 143 28 / 68	
3	217 307	518 5	229 205 24 / 90	6 X 992	307 5	(1) 20 6 28 / 96	T. OHASHI
4	285 392	586 5	299 271 28 / 118	21 039	322 5	37 5 32 / 128	
5	220 829	521 5	246 194 52 / 170	166 281	467 5	188 144 44 / 172	
6	274 032	575 5	296 252 44 / 1214	207 450	508 5	228 186 42 / 1214	
P.R. 5	1372 802 ✓			648 444 ✓		1428	P.R. 5
	648 444 ✓						
	+724 358 ✓						
P.R. 5			179			232	
1	154 734	455 5	129 50	207 932	508 5	182 50	
2	125 950	426 5	189 141 48	227 100	528 5	250 204 46	P.R. 5 TO P.I.D 3 R.M. #4
3	13 081	314 5	½ 29 13 98 / 32 / 130	276 670	677 5	286 266 96 / 20 / 116	5-11-73 T. OHASHIS
4	43 695	344 5	65 21 44 / 174	137 694	348 5	166 108 58 / 174	2:20 P.M. TEMP 86°F. WINDY
5	86 272	387 5	105 67 38 / 1212	238 780	599 5	½ 298 40 / 1214 / 1212	
P.I.D. #3 R.M. #4	423 732 ✓			1148 176 ✓		1426	
	3			423 732 ✓			
				724 444 ✓			

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR CH[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. P.R. #5 TO PALMDALE A9
P.R. #5									P.R. #5
1.	85	591	386 5	93 27 16	278	748	579 5	286 270 16	⊼ R.S.
2.	269	555	570 5	297 241 56 72	200	149	501 5	226 174 52 68	
3.	280	300	581 5	301 259 42 114	18	980	319 5	38 ½ 18 40 108	
4.	280	710	581 5	295 265 30 144	12	173	313 5	23 1 22 130	
5	238	482	539 5	244 232 12 156	29	122	330 5	41 17 24 154	
6	292	592	593 5	296 288 8 164	41	820	342 5	46 36 10 164	
PALMDALE A-9								164	PALMDALE A-9
	1447	230			580	992		328	
	580	992							
	+ 866	238							
PALMDALE A9									PALMDALE A9
1	26	465	327 5	32 18 14	290	979	591 5	295 285 10	5-11-73 1:50-2:20
2	18	773	319 5	29 7 22	295	980	596 5	295 ½ 282 26	T=84° WINDY
3	33	607	334 5	60 ½ 233 36 54	292	475	593 5	292 ½ 264 56	⊼ G.E.D.
4.	163	125	464 5	192 134 90 58 148	253	653	554 5	282 224 92 58 150	
5	198	030	499 5	208 188 20 168	173	189	474 5	182 164 18 168	
P.R. #5	440	000			1306	276		168	
					440	000		336	
					866	276			

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR T-
SURVEY BY G.E. DREIER WEATHER CLEAR - [illegible] BRENT. NO. 96716
NOTES BY L. DUNCAN DATE TIME 3:00 - 3:30 ROD NO. 17134B
INDEXED T. M. PALMERI DATE MAY 18 1973 NOTES CHKD [illegible] DATE [illegible] 73

F.B. 3456 PG. 215

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. PALMDALE A9 TO B.M. P.R.#6
B.M. PALMDALE A9									B.M. PALMDALE A9
1.	40	640	341 5	61 19 42	284	690	585 5	304 264 40	⊼ R.S.
2.	18	378	319 5	22 14 8	289	390	590 5	294 284 10	
3.	10	985	311 5	14 6 58 8	301	999	602 5	306 296 50 10 60	
4.	12	518	313 5	16 8 8	270	959	571 5	274 266 8	
5.	20	780	321 5	38 2 66 36	176	870	477 5	195 157 68 38	
6.	32	758	333 5	½ 65 32 102 66	134	540	435 5	166 102 106 64	
7	164	611	465 5	173 155 168 18	172	483	473 5	182 162 170 20	
				186				190	
B.M. P.R.#6	300	670			1630	931		186	B.M. P.R.#6
					300	670		376	
					1330	261			
B.M. P.R.#6									B.M. P.R.#6
1	88	827	389 5	118 58 60	247	343	548 5	227 217 60	5-11-73 1:00 - 1:50
2	212	011	513 5	232 192 40 100	19	304	320 5	39 21 40 100	T= 88° SUNNY-WIND
3	240	511	541 5	257 223 34 134	7	187	308 5	½ 25 7 36 136	⊼ G.E.D.
4	261	410	562 5	265 257 8 142	11	432	312 5	17 7 10 146	
5	269	838	570 5	272 266 6 148	10	770	311 5	13 7 6 152	
6.	279	372	580 5	284 274 10 158	30	955	331 5	34 26 8 160	
7.	251	808	552	260 242 18	77	761	378 5	86 68 18	
8.	199	270	500 5	211 187 176 24	68	205	369 5	79 57 178 22	
				200				200	
B.M. PALMDALE A9	1803	047			472	957		200	B.M. PALMDALE A9
	472	957						400	
	1330	090							

F.B. 3450 Pg. 216

JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES T. OHASHI 5-10-73

INDEXED L. M. PALMERI DATE MAY 16 1973

WEATHER Sunny Lt. Haze INST. NO. 96716

TIME 9:35 - 10:15 ROD NO. 1713 A B

NOTES ROWAN L. HEACOCK DATE 29 MAY '73

T= 84°

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier T. Chapman T. M. Palmer
DATE 5-10-73 TIME 10:15 — 12:40 ROD NO. 12134-B
WEATHER Sunny - Lt. Wind INST. NO. 2644
NOTES BY G. E. HADDOCK DATE MAY 16 1973
INDEXED T. M. PALMER DATE MAY 16 1973
F.B. 3450 Pg. 217

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. P.R. #6 TO B.M. P.R. #1
B.M. P.R. #6									B.M. P.R. #6
1.	31	162	332 5	55 31 48	173	320	474 5	196 150 46	T. R.S.
2.	11 8	930	419 5	145 91 54 102	143	722	444 5	169 117 52 98	
3.	193	060	494 5	224 162 62 164	20	549	330 5	158 100 58 156	
4	117	320	418 5	135 99 36 200	68	183	369 5	91 45 46 202	
B.M. P.R. #1								200 402	B.M. P.R. #1
	460	472			414	774			
	414	774							
+	45	698							
B.M. P.R. #1									B.M. P.R. #1
1	40	998	341 5	69 11 58	229	043	530 5	258 200 58	5-11-73 11:45 — 12:00
2.	152	578	453 5	184 120 64 122	45	052	346 5	178 112 66 124	T = 88° Sunny - Lt. Wind
3.	172	519	473 5	201 143 58 180	160	354	461 5	187 133 54 178	T. G.E.D.
4.	121	466	422 5	134 108 26 206	98	720	399 5	185 159 26 204	
								206	
B.M. P.R. #6								410	B.M. P.R. #6
	487	561			533	169			
					487	561			
−					45	608			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3450 Pg. 218

JOB NO 0301.06

SURVEY OF PALMDALE RESERVOIR INST. NO 96716

SURVEY BY DREIER NOTES SIEMANN 5-10-73 ROD NO 1713 A-B

INDEXED T. M. PALMERI DATE MAY 16 1973 NOTES JOHN E. HANCOCK DATE 17 MAY 73

WEATHER SMOGGY T = 88° TIME 10:30 TO 10:55 CHKD.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM P.R. # 1 TO P.I.D. # 4
B.M. P.R. # 1							P.R. # 1
1	142840	4435	164 120 44	267 508	568 5	289 245 44	
2	132 332	433 5	177 142 20 / 164	191 631	492 5	181 201 20 / 164	
						164	P.R.D. # 4
P.I.D. # 4						128	
	275172			459139			
				275172			
				183967			
P.I.D. # 4			290			98	P.I.D. # 4
1	265 354	356 5	240 50	73 600	374 5	48 50	5-11-73 11:30-11:45
2	159 669	460 5	165 153 12 / 162	167 428	468 5	173 161 12 / 162	T = 90° SUNNY - LT. WIND
						162	P.R. # 1
B.M. P.R. # 1						124	
	425023			241028			
	241028						
	183995						

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.08 OC SURVEY OF L.A. CO. PRECISE LEVEL NET T=90°

SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO. 3676

NOTES BY G.E. DREIER DATE 5-10-73 TIME 11:45 ROD NO. 11342

INDEXED J. M. PALMER DATE MAY 10 1973 NOTES CHKD R. PEACOCK DATE 5-11-73

PALMDALE RESERVOIR

F.B. 3450 Pg. 219

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.I.D. #4 TO P.R. #7
P.I.D. #4									P.I.D. #4
1	266	270	567 5	278 254 24	155	435	456 5	167 143 24	⊼ T.C.R
2	173	078	474 5	203 143 60	197	867	498 5	227 167 60	
3	298	552	599 5	298 84 268 60	240	842	541 5	270 84 210 60	
4	258	348	559 5	283 144 233 50	150	527	451 5	175 144 125 50	
				194				194	
B.M. P.R. # 7								194	P.R. # 7
	996248				744671			388	
	744671								
+	251577								
P.R. # 7									P.R. #7
1	2 12	240	3 2 3	5 36 8 28	266	535	567 5	280 252 28	5-11-73 11:15 - 11:30
									T=90° SUNNY - LT. WIND
2	210	552	511 5	138 82 56	155	750	456 5	182 128 54	⊼ G.B.D.
3	176	145	477 5	84 206 142 60	132	748	433 5	82 162 102 60	
4	145	797	4465	144 161 129 32	251	257	552 5	267 142 235 32	
				176				174 176	
B.M. P.I.D. #4									P.I.D. #4
	554	734			806	290		350	
					554	734			
					251	556			

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3450 PG. 220 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DEEE & NOTES SIEMANN 5-10-73

INDEXED L. M. PALMERI DATE MAY 16 1973

WEATHER WINDY, SUNNY INST. NO. 96716

TIME [illegible] ROD NO. 1713 #2

NOTES CHKD DATE 17 MAY 73

7-94°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM P.R.# 7 TO P.R.# 2
B.M. P.R.# 7									B.M. P.R.# 7
1	63	287	364 5	74 / 52 22	231	067	5325	243 / 219 24	
2	154	270	455 5	182 / 126 56	76	386	377 5	103 / 49 54	
3	123	874	424 5	151 78 / 95 56	167	867	468 5	196 78 / 138 58	
4	227	067	528 5	244 134 / 210 34	46	503	347 5	62 136 / 30 32	
5	286	286	587 5	298 168 / 274 24	26	263	3275	38 168 / 14 24	
6	189	027	490 5	194 192 / 184 10 / 202	123	983	4245	126 192 / 118 10 / 202	
P.R.# 2								/ 202	P.R.# 2
	1043	811	/		672	069	/	/ 404	
	672	069	/						
+	371	742	/						

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM P.R.#2 TO P.R.# 7
P.R.# 2									P.R.#2
1	8 967	309 5	½ 18/8	20	279 678	580 5	291/267	24	
2.	12 357	313 5	½ 28/12	32	237 898	538 5	253/221	32	
				52				56	
3	131 567	432 5	155/107	48	72 991	373 5	97/47	50	
				100				106	
4	60 413	361 5	94/26	68	152 820	453 5	184/120	64	
				168				170	
5.	219 893	520 5	232/206	26	61 679	362 5	73/49	24	
				194				194	
P.R.#7								194	P.R.#7
	433 197				805 066			388	
					433 197				
					371 869				

JOB NO. 0301.06 SURVEY OF ~~L.A. CO. PRECISE LEVEL NET~~ PALMDALE RESERVOIR T=84°

SURVEY BY G. E. DREIER WEATHER Sunny - Lt. Wind INST. NO. 96716

NOTES BY T. OWASHI DATE 5-11-73 TIME 11:00 - 11:15 ROD NO. 1713AB

INDEXED T. M. PALMERI DATE MAY 16 1973 NOTES ~~BY~~ ~~DATE~~ HEACOCK DATE 17 MAY 73

F.B. 3450 PG. 221

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM P.R.# 2 TO P.R.# 8
B.M. P.R.# 2									P.R.# 2
1	115	842	416 5	148 / 82 66	223	245	524 5	255 / 191 64	⊼ T.C.P.
2	134	734	435 5	163 / 105 58 / 124	82	002	383 5	112 / 52 60 / 124	
3	189	230	490 5	197 / 183 14 / 138	117	862	418 5	124 / 110 14 / 138	
B.M.# P.R.# 8								138 / 276	P.R.# 8
	439	806 ✓			423	109 ✓			
	423	109 ✓							
+	16	697 ✓							
BM. P.R.# 8									B.M. P.R.# 8
1	65	512	366 5	90 / 40 50	228	480	529 5	254 / 202 52	5-11-73 - 10:50 - 11:00
									T= 86° Sunny - Lt. Wind
2.	19~~4~~3	806	494 5	223 / 163 60 / 110	158	710	459 5	188 / 128 60 / 112	G.E.D ⊼
3.	244	318	545 5	259 / 229 30 / 140	132	918	433 5	146 / 118 28 / 140	
BM. P.R.# 2								140 / 280	B.M. P.R.# 2
	503	636 ✓			5~~1~~2 0	108 ✓			
					503	636 ✓			
				-	16	472 ✓			

F.B. 3450 PG. 222 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES SIEMANN 5-10-73

INDEXED T. M. PALMERI DATE MAY 16 1973

WEATHER WINDY SUN INST. NO. 96716

TIME 1:45 TO 2:15 ROD NO. 1713 A B

NOTE [illegible] L. BLACOCK DATE 17 MAY '73

T= 92°

76P526 CE # 308 3-61

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L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.P.R.#2 TO BM.P.R.#8
B.M. P.R.#2									B.M.P.R.#2
1	~~96~~ 95	980	396 5	120 70 50	158	430	459 5	183 133 50	
									RE-RUN
2.	~~93~~ 92	973	393 5	115 69 46	140	779	441 5	163 117 46	
				96				96	
3.	253	530	554 5	222 234 38	126	892	427 5	147 105 42	
				134				138	
B.M. P.R.#8								134	B.M.P.R.#8
	442	483			426	101		272	
	426	101							
+	16	382							

JOB NO. 0301.06 SURVEY OF L.A. CO. ~~PRECISE LEVEL NET~~ Palmdale Reservoir

SURVEY BY G. E. DREIER

NOTES BY T. Dunsmuir DATE 5-14-73

INDEXED T. M. PALMERI DATE MAY 16 1973

WEATHER Lt. Ocean Clouds T=80°

TIME 9:45 - 10:00

NOTES ~~CHRD~~ E. HEACOCK DATE 1 7 MAY 73

INST. NO. 9611

ROD NO. 1713 A/B

F.B. 3450 PG 223

F.B. 3450 Pg. 224 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREYER NOTES

INDEXED DATE

WEATHER INST. NO. 96216

TIME ROD NO.

NOTES CHKD DATE

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	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible]ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES
[illegible]HIS SHEET MUST BE MADE OR
C[illegible]ED IN RED INK, WITH DATE AND
NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier DATE 5-12-73 WEATHER Sunny, Lt. Wind INST. NO. 26744
NOTES BY T. Duncan TIME 2:25 - 4:40 ROD NO. 13A/B
INDEXED T. M. PALMERT DATE MAY 16 1973 NOTES CHKD. T.E. HEROCK DATE 5TW 10

F.B. 3450 Pg. 225

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM. P.R.#8 TO BM. P.R.#3
BM. P.R.#8									BM. P.R.#8
1	7 253	308 5	½ 16/7	18	256 172	557 5	246/246	20	✱ G.E. Dreier
2	16 105	317 5	½ 45/16	58/29	264 265	565 5	254/234	60	
3	63 090	364 5	93/53	76/40	111 463	412 5	140/82	80/58	
4	237 260	538 5	222/212	136/50	76 518	377 5	107/57	138/50	
5.	197 153	498 5	211/183	186/28	84 838	385 5	98/70	188/28	
				/214				/216	
BM. P.R.#3	520 861	✓			793 256	✓		/216	BM. P.R.#3
					520 861	✓		/230	
					272 395	✓			
BM. P.R.#3									BM. P.R.#3
1	63 312	364 5	½ 83/62	40	213 952	513 5	233/191	42	5-11-73 10.30 - 10:50
									T=84° Sunny - Lt. Wind
2	64 090	365 5	95/33	62/102	248 353	549 5	278/218	60/102	
3	260 009	561 5	290/230	60/162	56 412	357 5	86/26	60/162	
4	215 210	516 5	238/192	46/208	11 093	312 5	½ 29/11	36/198	
5	221 188	522 5	229/215	12/220	22 510	323 5	29/15	14/212	
								/220	
BM. P.R.#8	823 759	✓			552 320	-		/432	BM. P.R.#8
	552 320	✓							
+	272 439	-							

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	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM. P.R. #3 TO B.M. P.R. #4
BM. P.R. #3									B.M. P.R. #3
1	110	748	411 5	139 / 81 58	178	780	479 5	207 / 149 58	
2	163	845	464 5	192 / 134 58	98	082	399 5	125 / 71 54	
3	123	453	424 5	147 / 99 48 / 116	240	030	541 5	267 / 213 54 / 112	
4.	100	645	401 5	117 / 83 34 / 164	77	216	378 5	93 / 61 32 / 166	
				198				198	
BM. P.R. #4								198	
	498	691			594	108		396	
					498	691			
					95	417			
			BM. P.R. #4 TO		BM. P.R. #3				
BM. P.R. #4									BM P.R. #4
1.	83	025	384 5	101 / 65 36	92	538	393 5	111 / 73 38	5-10-73 3:00 - 3:15
2.	216	459	517 5	244 / 188 56	124	943	425 5	151 / 97 54	T = 94° Sunny - Windy
3.	103	327	404 5	128 / 78 50 / 92	155	273	456 5	181 / 129 52 / 92	
4	174	590	475 5	202 / 146 56 / 142	109	355	410 5	136 / 82 54 / 144	
				198				198	
BM. P.R. #3								198	BM. P.R. #3
	577	401			482	109		396	
	482	109							
+	95	292							

F.B. 3450 226 JOB NO. 0301.06

SURVEY OF Palmdale Reservoir

SURVEY BY Dreier NOTES T. Guasti 5-10-73

INDEXED I. M. PALMERI DATE MAY 16 1973

WEATHER Sunny - Windy INST. NO. 96716

TIME 2:40 - 2:55 ROD NO. 763 A&B

NOTES CHKD Robert E. Heacock DATE 17 MAY 73

T = 94°

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR CH[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM. P.R.#4 TO BM. P.I.D.#1
B.M. P.R.#4							B.M. P.R.#4
1	152 262	453 5	182 122 60	230 740	531 5	260 200 60	
2	62 311	363 5	77 47 30	246 281	547 5	261 231 30	
			90			90	
B.M. P.I.D.#1						90	B.M. P.I.D.#1
	214 573			477 021		180	
				214 573			
				262 448			
B.M. P.I.D.#1							B.M. P.I.D.#1
1.	245 432	546 5	261 229 32	52 726	353 5	69 35 34	
2.	227 238	528 5	255 199 56	157 522	458 5	186 128 58	
			88			92	
B.M. P.R.#4	472 670			210 248		88	B.M. P.R.#4
	210 248					180	
+	262 422						

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREVER

NOTES BY T. M. PALMERI DATE 5-11-73

INDEXED T. M. PALMERI DATE MAY 16 1973

WEATHER Sunny - T=90°

TIME 9:40 - 9:50

NOTES CHAS. E. HEACOCK DATE 17 [illegible] 73

INST. NO. 76716

ROD NO. 73 A 48

F.B. 3450 PG. 227

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	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. P.I.D. #1 TO B.M. 101-17
B.M. P.I.D. #1							B.M. P.I.D. #1
1	84 820	385 5	108/60 48	227 739	528 5	251/203 48	
				84 820		48	
B.M. 101-17				142 919		96	B.M. 101-17 (USC&GS D-429)
B.M. 101-17	227 158	528 5	251/203 48	84 256	385 5	108/60 48	B.M. 101-17 (USC&GS D-429)
1	84 256					48	
	+142 902					96	
B.M. P.I.D. #1							B.M. P.I.D. #1

F.B. 3450 PG. 228 JOB NO. 0301.06

SURVEY OF PALMDALE RESERVOIR

SURVEY BY DREIER NOTES T. OHASHI 5-11-73

INDEXED L. M. PALMERI DATE MAY 16 1973

WEATHER SUNNY-LT. BREEZE INST. NO. 96716

TIME 9:50-10:10 ROD NO. 903 L&B

NOTES ROBERT E. HEACOCK CHKD DATE 17 MAY '73

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM. 101-39 TO B.M. PALMDALE B-9
B.M. 101-39													BM. 101-39
1	207	771	508	5	221/193	28	61	032	362	5	75/47	28	
													⊼ R. SIEMANN
2.	283	381	584	5	291/275	16	20	219	321	5	26/14	12	
						44						40	
3	293	453	594	5	298/288	10	17	340	318	5	25/9	16	
						54						56	
4.	301	618	602	5	305/297	8	47	201	348	5	51/43	8	
						62						64	
5.	263	305	564	5	267/259	8	62	269	363	5	66/58	8	
						70						72	
B.M. PALMDALE B-9												70	BM. PALMDALE B-9
	1349	528					208	061				142	
	208	061											
+	1141	467											
BM PALMDALE B-9													BM. PALMDALE B-9
1	31	023	332	5	36/26	10	290	870	591	5	295/285	10	5-14-73 11:25 - 11:40
													T = 84° Lt Scat. Clouds
2	19	110	320	5	24/14	10	301	463	602	5	305/297	8	⊼ R. SIEMANN
						20						18	
3.	18	458	319	5	24/12	12	296	679	597	5	303/289	14	
						32						32	
4	22	793	323	5	28/16	12	254	610	555	5	261/247	14	
						44						46	
5	123	829	424	5	134/112	22	213	073	514	5	226/200	26	
BM.	215	213				66	1356	695				72	
							215	213				66	
							1141	482				138	

INDEXED

[illegible] L.A. CO. [illegible] T = 80°

[illegible] DATE 5-14-73 WEATHER Lt Scat. Clouds INST. NO. 967[illegible]

[illegible] M. PALMERI DATE MAY 16 1973 TIME 11:40 - 11:20 ROD NO. [illegible]

NOTES CHKD. ROBERT E. HEALOCK DATE 17 MAY 73