Survey of Precise Level Net
JN [illegible] Tape Std °F
Surveyed by C.K. Line
Notes Line Date 1-15-60
Indexed R. C. Jennings 1-27-60

F.B. 2C33 Pg. 5

U.N. 0301.82

PRECISE LEVEL NET

CARBON MESA

LANDSLIDE AREA

BENCH LEVELS

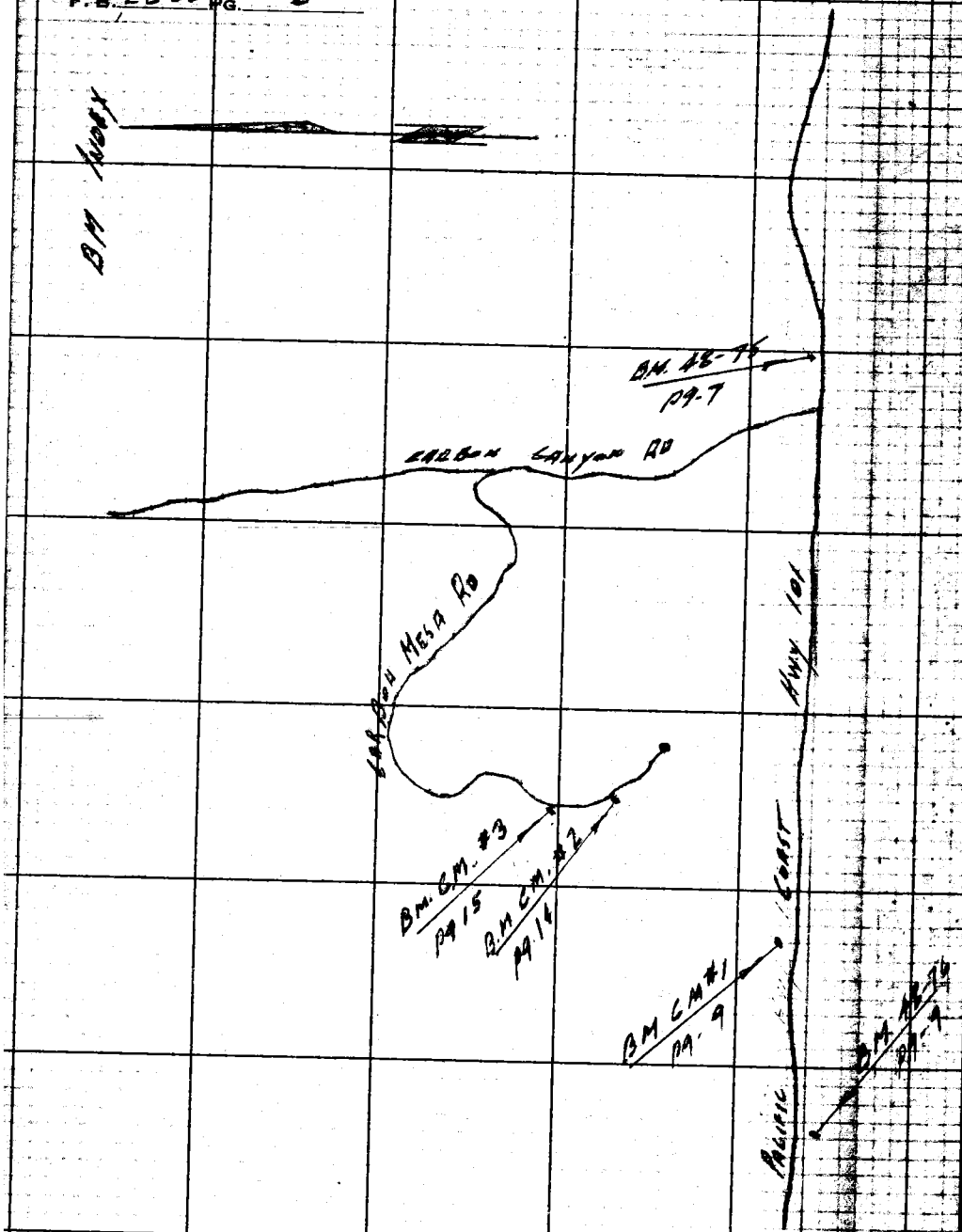
L.A. COUNTY DATUM

JAN. 1960

Line
Wilks
Hill
McKnight
Masuda

Microfilmed Nov. '85

F.B. 2633 PG. 6



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FD B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
48-75	15.078					BM 48-75 UNADJUSTED ELEV.
+	5.152		5.015			= 15.078 PER FB 1369-64
π	20.230	+2.047	+2.050	+2.049		PACIFIC COAST HWY AT CARBON
-	3.105		2.965			CANYON. A COPPER BOLT IN
TP	17.125					N. CURB AT THE CENTER
+	5.055		4.873			OF CONC BRIDGE # 53-33
π	22.180	-0.199	-0.201	-0.200		
-	5.254		5.074			
TP	16.926					
+	4.973		4.701			
π	21.899	-0.333	-0.331	-0.332		
-	5.306		5.032			
TP	16.593					
+	4.861		4.646			
π	21.454	-0.382	-0.378	-0.380		
-	5.243		5.024			
TP	16.211					
+	4.922		4.741			
π	21.133	+0.065	+0.067	+0.066		
-	4.857		4.674			
TP	16.276					
+	4.837		4.562			
π	21.113	-0.051	-0.054	-0.053		
-	4.888		4.616			
TP	16.225					
+	4.776		4.478			
π	21.001	-0.216	-0.212	-0.214		
-	4.992		4.690			
TP	16.009					

NOTES RED _____ JOB NO. 0301.02 SURVEY OF Carbon Mesa Land Slide Area
DATE _____ SURVEY BY C.K. Lino
NOTES CHKD. [illegible] NOTES BY Lino DATE 1-15-60
DATE 2-1-60 INDEXED A. C. Johnson DATE

F.B. 2633 PG. 7

765420 S & E-353 4-54

13.418

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	16.009					
+	4.777		4559			
π	20.786	-0.301	-0.299	-0.300		
-	5.078		4858			
T.P.	15.708					
+	4.749		4462			
π	20.457	-0.332	-0.328	-0.330		
-	5.081		4790			
T.P.	15.376					
+	4.779		4.555			
π	20.155	-0.342	-0.341	-0.342		
-	5.121		4.896			
T.P.	15.034					
+	4.883		4.651			
π	19.917	-0.373	-0.373	-0.373		
-	5.256		5024			
T.P.	14.661					
+	4.889		4.597			
π	19.550	-0.262	-0.265	-0.263		
-	5.151		4.862			
T.P.	14.399					
+	4.708		4.435			
π	19.107	-0.578	-0.578	-0.578		
-	5.286		5013			
T.P.	13.821					
+	4.788		4.555			
π	18.609	-0.334	-0.335	-0.334		
-	5.122		4.890			
T.P.	13.487					

JOB NO. 0301.02 SURVEY OF Carbon Mesa Land Slide Area NOTES RED
SURVEY BY C.K. Lind DATE
NOTES BY [illegible] DATE 1-15-60 NOTES CHKD. HLJ
INDEXED [illegible] DATE DATE 2-1-60

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	13.487					
+	4.821		4.511			
π	18.308	- 0.585	- 0.582	-0.584		
-	5.406		5.093			
T.P.	12.902					
	5.339		5.159			
	18.241	+ 0.621	+ 0.621	+0.621		
FD	4.718		4.538			
48-76	13.523	-				BM 48-76 (US 2992 S-576 1939)
	5.020		4.839			UNADJUSTED ELEV= 13.478 FB.1369-65
	18.543	- 0.622	- 0.621	-0.622		USC & GS DISC S-576 IN CEM. WALK
	5.642		5.460			4° N. OF N.W. COR. HOUSE # 22416
T.P.	12.901					PACIFIC COAST HWY 0.80 MI W.
+	5.370		5.135			OF CARBON CANYON.
π	18.271	+ 0.586	+ 0.586	+0.586		
-	4.784		4.549			
T.P.	13.487					
+	5.000		4.784			
π	18.487	+ 0.337	+ 0.336	+0.336		
-	4.663		4.448			
T.P.	13.824					
+	4.788		4.600			
π	18.612	+ 0.434	+ 0.433	+0.434		
SET -	4.354		4.167			
C.M. # 1	14.258					CARBON MESA # 2 EL= , FB.2633-9
+	11.048		11.202			PACIFIC COAST HWY 101, NORTH
π	25.306	+ 10.864	+ 10.863	+10.864		SIDE. 0.6 MI WEST OF CARBON
-	0.184		0.339			CANYON RD. IN FRONT OF SANDS MOTEL,
T.P.	25.122					#22373 P.C. HWY, OPPOSITE P.P.#10176 97E,
						A BT SPK IN LEAD IN NORTH CURB

NOTES RED ____ JOB NO. 0301.02 SURVEY OF Carbon Mesa Landslide Area
DATE ____ SURVEY BY C.K. Lind
NOTES CHKD HLV NOTES BY Lind DATE 1-15-60
DATE 2-1-60 INDEXED [illegible] DATE

F.B. 2633 PG. 9

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JOB NO. 63-1-62 SURVEY OF Cal Eng. Mtg. Landslide Area NOTES RED.
SURVEY BY J.K. Lund DATE NOTES CHKD. [illegible]
NOTES BY J.K. Lund DATE 1-15-63 DATE 2-1-63
INDEXED J. C. Johnson DATE

F.B. 2133 PG. 10

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	25.122					
+	11.750		11.882			
π	36.872	+11.454	+11.454	+11.454		
-	0.296		0.428			
T.P.	36.576					
+	11.522		11.737			
π	48.098	+11.173	+11.175	+11.174		
-	0.349		0.562			
T.P.	47.749					
+	11.263		11.657			
π	59.012	+10.814	+10.811	+10.812		
-	0.449		0.842			
T.P.	58.563					
+	11.472		11.731			
π	70.035	+11.170	+11.170	+11.170		
-	0.302		0.561			
T.P.	69.733					
+	11.480		11.763			
π	81.213	+11.273	+11.273	+11.273		
-	0.207		0.490			
T.P.	81.006					
+	11.619		11.891			
π	92.625	+11.288	+11.289	+11.288		
-	0.331		0.602			
T.P.	92.294					
+	11.492		11.783			
π	103.786	+11.243	+11.244	+11.244		
-	0.249		0.539			
T.P.	103.537					

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NOTES RED _____ JOB NO. 050102 SURVEY OF Calgon Weig Landslide F.B. 2633 Pg. 11
DATE _____ SURVEY BY C.K. Zino
NOTES CHKD. MLV NOTES BY _____ DATE 1-15-60
DATE 2-1-60 INDEXED M. C. Johnson DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	103537					
+	11.581		11.664			
π	115.068	+11.299	11.300	411.299	✓	
-	0.232		0.364			
T.P.	114.836					
+	11.594		11.992			
π	126430	+11.271	+11.269	411.270	✓	
-	0323		0.723			
T.P.	126.107					
+	11.867		11.704			
π	137.974	+11.284	+11.283	411.284	✓	
-	0.583		0.421			
T.P.	137.391					
+	11.477		11.903			
π	148.868	+11.104	+11.105	411.104	✓	
-	0.373		0.798			
T.P.	148.495	-				
+	11.502		11.217			
π	159.997	+10.914	+10.914	+10.914	✓	
-	0.588		0.307			
T.P.	159.409					
+	11.503		11.638			
π	170.912	+11.075	+11.074	411.074	✓	
-	0.428		0.564			
T.P.	170.484					
+	11.726		11.632			
π	182.210	+11.370	+11.370	411.370	✓	
-	0.356		0.262			
T.P.	181.854					

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JOB NO. 83-1-82 SURVEY OF Calabasas Mesa Landslide Area NOTES RED.
SURVEY BY Linn DATE
NOTES BY Linn DATE 1-15-83 NOTES CHKD. HEV
INDEXED C. Johnson DATE DATE 2-1-83

F.B. 2633 Pg. 12

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	181.854					
+	11.526		11.944			
π	193.380	+11.083	+ 11.085	+11.084		
-	0.443		0.859			
T.P.	192.937					
+	11.928		11.813			
π	204.865	+11.554	+ 11.551	+11.552		
-	0.374		0.262			
T.P.	204.491					
+	11.792		11.699			
π	216.283	+11.426	+ 11.426	+11.426		
-	0.366		0.273			
T.P.	215.917					
+	11.719		11.813			
π	227.636	+11.517	+ 11.517	+11.517		
-	0.202		0.296			
T.P.	227.434					
+	11.409		11.728			
π	238.843	+10.804	+10.804	+10.804		
-	0.605		0.924			
T.P.	238.238					
+	11.316		11.410			
π	249.554	+11.107	+ 11.108	+11.108		
-	0.209		0.302			
T.P.	249.345					
+	11.549		11.761			
π	260.894	+11.222	+ 11.223	+11.222		
-	0.327		0.538			
T.P.	260.567					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	260.567					
+	11.864		11.701			
π	272.431	+11.365	+11.365	+11.365		
−	0.499		0.336			
T.P.	271.932					
+	11.312		11.618			
π	283.244	+10.915	+10.913	+10.914		
−	0.397		0.705			
T.P.	282.847					
+	11.964		12.008			
π	294.811	+11.781	+11.780	+11.780		
−	0.183		0.228			
T.P.	294.628					
+	10.865		11.257			
π	305.493	+10.450	+10.449	+10.450		
−	0.415		0.808			
T.P.	305.078					
+	11.118		11.267			
π	316.196	+6.380	+6.379	+6.380		
−	4.738		4.888			
T.P.	311.458					
+	11.890		11.754			
π	323.348	+11.473	+11.472	+11.472		
−	0.417		0.282			
T.P.	322.931					
+	11.744		11.223			
π	334.675	+10.982	+10.983	+10.982		
−	0.762		0.240			
T.P.	333.913					

NOTES RED _____ JOB NO. 0301.02 SURVEY OF CARBON MESA LANDSLIDE AREA
DATE _____ SURVEY BY LIND
NOTES CHKD. HKL NOTES BY LIND DATE 1-15-60
DATE 2-1-60 INDEXED C. JOHNSON DATE

F.B. 2633 PG. 13

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	333.913					
+	11.917		11.506			
π	345.830	+11.234	+11.236	+11.235		
-	0.683		0.270			
T.P.	345.147					
+	11.891		11.219			
π	357.038	+8.466	+8.466	+8.466		
-	3.425		2.753			
T.P.	353.613					
+	6.813		7.201			
π	360426	+3.376	+3.375	+3.375		
-	3.437		3.826			
C.M.#2	356.989					CARBON MESA #2, EL. PER FB 2633 14
+	11.662		11.270			CARBON MESA ROAD (WEST SIDE)
π	368.651	+10.230	+10.231	+10.230		1.3 MI NLY OF HWY 101.
-	1.432		1.039			4° EAST OF PP # 893370 E.
T.P.	367.219					A STD C.S. PRE CAST MON.
+	11.734		11.253			STAMPED C.M. #2. SET FLUSH
π	378.953	+10.915	+10.917	+10.916		WITH SURFACE OF GROUND
-	0.819		0.336			
T.P.	378.134					
+	11.642		11.370			
π	389.776	+10.857	+10.858	+10.858		
-	0.785		0.512			
T.P.	388.991					
+	10.821		11.106			
π	399.812	+10.355	+10.355	+10.355		
-	0.[illegible]		0.751			
T.P.	399.346					

JOB NO. 0301.02 SURVEY OF CARBON MESA LAND SLIDE AREA NOTES RED.
SURVEY BY LINO DATE
NOTES BY LINO DATE 1-19-60 NOTES CHKD. HLJ
INDEXED C. Johnson DATE DATE 2-1-60

F.B. 2633 PG. 14

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP.	399.346					
+	3.163		3.624			
π	402.509	+1.970	+1.969	+1.970		
SET -	1.193		1.655			
C.M.#3	401.316					CARBON MESA #3 EL= , FB 2633-15
+	2.080		2.413			CARBON MESA ROAD WEST SIDE
π	403.396	-1.969	-1.969	-1.969		1.2 MI NLY OF HWY 101.
-	4.049		4.382			17° WEST OF CTR OF PVMT &
TP.	399.347					5° N. OF PP.# 893371E.
+	0.658		0.607			A STD C.S. PRE. CAST. MON
π	400.005	-10.355	-10.355	-10.355		STAMPED C.M. #3 SET FLUSH
-	11.013		10.962			WITH SURFACE OF GROUND
TP.	388.992					
+	0.597		0.397			
π	389.589	-10.856	-10.856	-10.856		
-	11.453		11.253			
TP.	378.136					
+	0.622		0.263			
π	378.758	-10.916	-10.916	-10.916		
-	11.538		11.179			
TP.	367.220					
+	1.149		0.460			
π	368.369	-10.230	-10.230	-10.230		
-	11.379		10.690			
TP.	356.990					
+	0.442		0.210			
π	357.432	-11.381	-11.382	-11.382		
-	11.823		11.592			
TP.	345.609					

NOTES RED _____ JOB NO. 0301.02 SURVEY OF CARBON MESA LANDSLIDE AREA
DATE _____ SURVEY BY LIND
NOTES CHKD. HKV NOTES BY LIND DATE 1-19-60
DATE 2-1-60 INDEXED C. JOHNSON DATE

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	345.609					
+	0.240		0.251			
π	345.849	-11.692	-11.692	-11.692		
-	11.932		11.943			
T.P.	333.917					
+	0.801		0.491			
π	334.718	-10.978	-10.979	-10.978		
-	11.779		11.470			
T.P.	322.939					
+	0.422		0.280			
π	323.361	-11.472	-11.472	-11.472		
-	11.894		11.752			
T.P.	311.467					
+	4.619		4.527			
π	316.086	-4.751	-4.751	-4.751		
-	9.370		9.278			
T.P.	306.716					
+	0.352		0.660			
π	307.068	-10.313	-10.313	-10.313		
-	10.665		10.973			
T.P.	296.403					
+	0.797		1.102			
π	297.200	-9.842	-9.842	-9.842		
-	10.639		10.944			
T.P.	286.561					
+	0.403		0.798	0.798		
π	286.964	-10.758	-10.758	-10.758		
-	11.161		11.556	11.556		
T.P.	275.803					

JOB NO. 0301.02 SURVEY OF CARBON MESA LAND SLIDE AREA NOTES RED.
SURVEY BY LIND DATE
NOTES BY LIND DATE 1-19-60 NOTES CHKD. HW
INDEXED C. Johnson DATE DATE 2-1-60

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NOTES RED _____ JOB NO. 07301.01 SURVEY OF CAR BARN LANDSLIDE MASS RUN
DATE _____ SURVEY BY LMO F. B. 2633 Pg. 17
NOTES CHKD. MEV NOTES BY L.M.O. DATE 1-19-60
DATE 2-1-60 INDEXED _____ DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	275.803					
+	1.478		1.038			
π	277.281	-10.146	-10.145	-10.146		
-	11.624		11.183			
T.P.	265.657					
+	1.206		0.804			
π	266.863	-9.176	-9.177	-9.176		
-	10.382		9.981			
T.P.	256.481					
+	0.221		0.709			
π	256.702	-10.180	-10.179	-10.180		
-	10.401		10.888			
T.P.	246.301					
+	0.412		0.735			
π	246.713	-10.807	-10.807	-10.807		
-	11.219		11.542			
T.P.	235.494					
+	0.653		1.282			
π	236.147	-8.049	-8.047	-8.048		
-	8.702		9.329			
T.P.	227.445					
+	0.199		0.441			
π	227.644	-11.515	-11.516	-11.516		
-	11.714		11.957			
T.P.	215.930					
+	0.370		0.547			
π	216.300	-11.462	-11.463	-11.462		
-	11.832		12.010			
T.P.	204.468					

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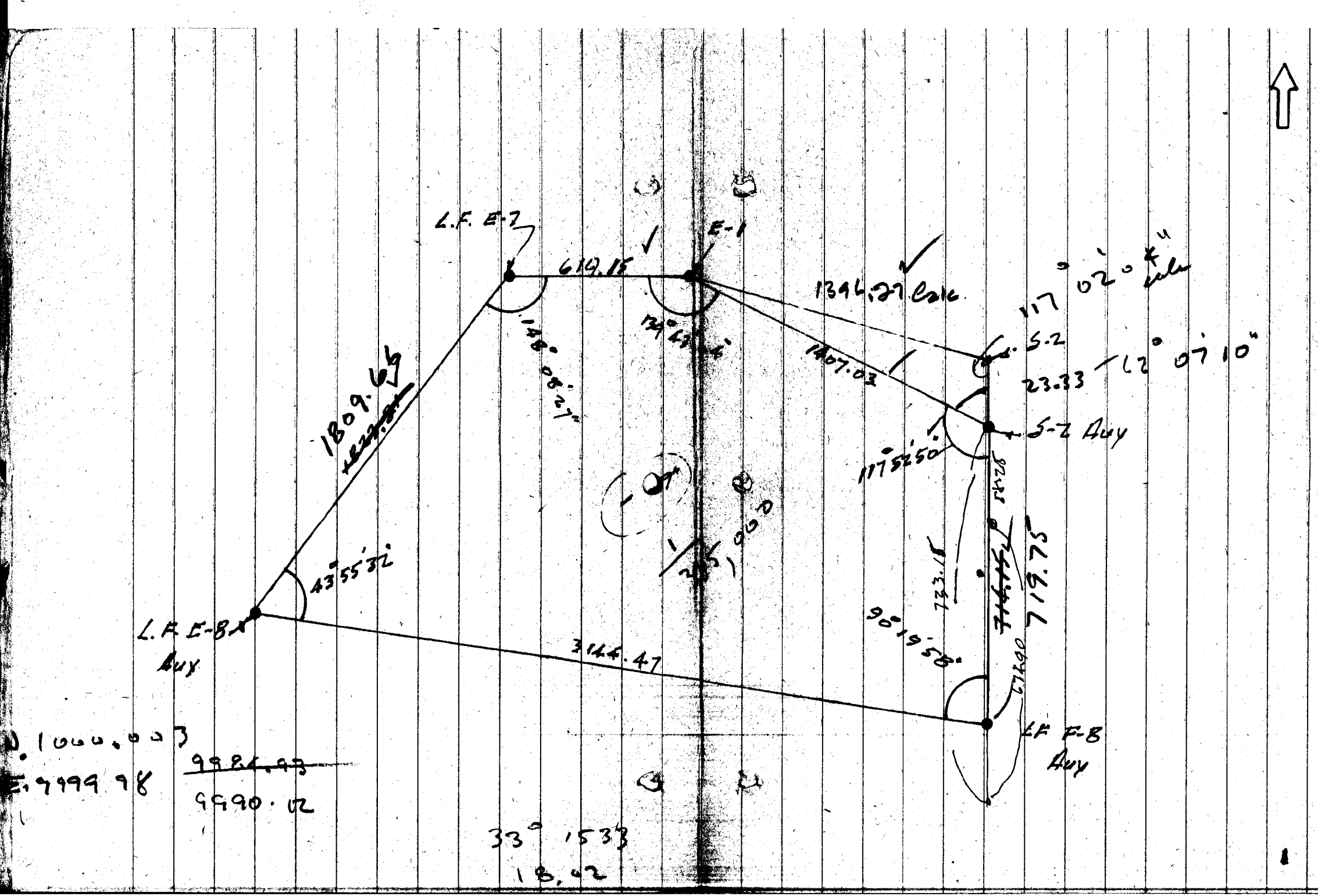
JOB NO. 0301.02 SURVEY OF Carson Mesa Landslide Area
SURVEY BY Lund DATE
NOTES BY Lund DATE 1-19-60 NOTES CHKD. HKV
INDEXED A. C. Johnson DATE DATE 2-1-60 NOTES RED.

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	204.468					
+	0.396		0.353			
π	204.864	-11.513	-11.515	-11.514		
-	11.909		11.868			
T.P.	192.955					
+	0.246		0.626			
π	193.201	-11.080	-11.081	-11.080		
-	11.326		11.707			
T.P.	181.875					
+	0.477		0.294			
π	182.352	-11.369	-11.370	-11.370		
-	11.846		11.664			
T.P.	170.506					
+	0.503		0.326			
π	171.009	-11.076	-11.076	-11.076		
-	11.579		11.402			
T.P.	159.430					
+	0.522		0.804			
π	159.952	-10.914	-10.913	-10.914		
-	11.436		11.717			
T.P.	148.516					
+	0.371		0.467			
π	148.887	-11.107	-11.106	-11.106		
-	11.478		11.573			
T.P.	137.409					
+	0.460		0.275			
π	137.869	-11.282	-11.283	-11.282		
-	11.742		11.558			
T.P.	126.127					


L.F. E-7
E-1
619.15
1396.27 Calc
117° 02' 04"
S-2
23.33
62° 07' 10"
1407.03
S-2 Aux
117° 52' 50"
1809.65
148° 08' 27"
43° 55' 32"
L.F. E-8 Aux
3144.47
90° 19' 58"
733.15
719.75
LF F-8 Aux
N. 1000.003
E. 9999.98
9984.93
9990.02
33° 15' 33"
18.02

76S420 S & E-353 4-54

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	126.127					
+	0.609		0.808			
π	126.736	-10.898	-10.897	-10.898		
-	11.507		11.705			
TP	115.229					
+	0.230		0.301			
π	115.459	-11.675	-11.676	-11.676		
-	11.905		11.977			
TP	103.554					
+	0.418		0.519			
π	103.972	-11.246	-11.246	-11.246		
-	11.664		11.765			
TP	92.308					
+	0.436		0.212			
π	92.744	-11.288	-11.288	-11.288		
-	11.724		11.500			
TP	81.020					
+	0.476		0.387			
π	81.496	-11.276	-11.274	-11.275		
-	11.752		11.661			
TP	69.744					
+	0.715		0.408			
π	70.459	-11.170	-11.172	-11.171		
-	11.885		11.580			
TP	58.574					
+	0.376		0.660			
π	58.950	-10.815	-10.815	-10.815		
-	11.191		11.475			
TP	47.759					

NOTES RED _____ JOB NO. 0301.02 SURVEY OF CARBON MESA LANDSLIDE AREA
DATE _____ SURVEY BY LIND
NOTES CHKD HLV NOTES BY LIND DATE 1-19-60
DATE 2-1-60 INDEXED C. Johnson DATE

F.B. 2633 Pg. 19

76S420 S & E-353 4-54

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	47.759					
+	0.801		0.610			
π	48.560	-11.171	-11.172	-11.172		
-	11.972		11.782			
TP	36.588					
+	0.386		0383			
π	36.974	-11.456	-11.455	-11.456		
-	11.842		11.838			
TP	25.132					
+	1.135		0.686			
π	26.267	-10.164	-10.164	-10.164		
-	11.299		10.850			
TP	14.968					
+	4.161		3.977			
π	19.129	-0.922	-0.923	-0.922		
-	5.083		4.900			
TP	14.046					
+	4.823		4.646			
π	18.869	-0.404	-0.406	-0.405		
-	5.227		5.052			
TP	13.642					
+	4.772		4.528			
π	18.414	-0.654	-0.655	-0.654		
-	5.426		5.183			
TP	12.988					
+	5.003		4.730			
π	17.991	+0.063	+0.062	+0.062		
-	4.940		4.668			
TP	13.051					

JOB NO. 0301.02 SURVEY OF Carbon Mesa Land Slide Area NOTES RED.
SURVEY BY Lind DATE
NOTES BY Lind DATE 1-19-60 NOTES CHKD HW
INDEXED C. Johnson DATE DATE 2-1-60

F.B. 2633 PG. 20

76S420 S & E-353 4-54

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	13.051					
+	5.113		5.293			
⊼	18.164	+0.491	+0.491	+0.491		
FD -	4.622		4.802			
48-76	13.542			13.540		BM 48-76 (U.S. 2992 S-576 1939)
	13.540					UNADJUSTED EL= 13.478 EB 1369-65
	.002					USC & GS DISC S-576 IN CEM.
						WALK 4° N. OF N.W. COR HOUSE
						#22416 PACIFIC COAST HWY 0 80
						MI WEST OF CARBON CANYON.

NOTES RED ____ JOB NO. 0301.02 SURVEY OF CARBON MESA LANDSLIDE AREA
DATE ____ SURVEY BY LINO
NOTES CHKD. HLV NOTES BY LINO DATE 1-18-60
DATE 2-1-60 INDEXED C. JOHNSON DATE

F.B. 2633 PG. 21

F. B. 2633 PG. 22

JOB NO. 0301.02 SURVEY OF CARBON MESA LANDSLIDE AREA NOTES RED.

SURVEY BY LINO DATE

NOTES BY LINO DATE 1-18-60 NOTES CHKD.

INDEXED DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

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.

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

769420 S & E-353 4-54

CARBON MESA

Notes Ck'd by	Survey of LANDSLIDE AREA
Map No.	JN 0021.92 Tape Std °F
Office Work	Surveyed by LIND
Checked	Notes CMD Date 1-13-60
Date	Indexed A. C. Johnson 1-27-60

F. B. 2633 PG. 23

J.N. 00 21. 92

CARBON MESA

LANDSLIDE AREA

STADIA LOCATION

OF THE

MAIN CRACK

1-13-60

LIND

WILES

HILL

MCKNIGHT

MASUDA

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

Do not extend notes this side of this line.

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

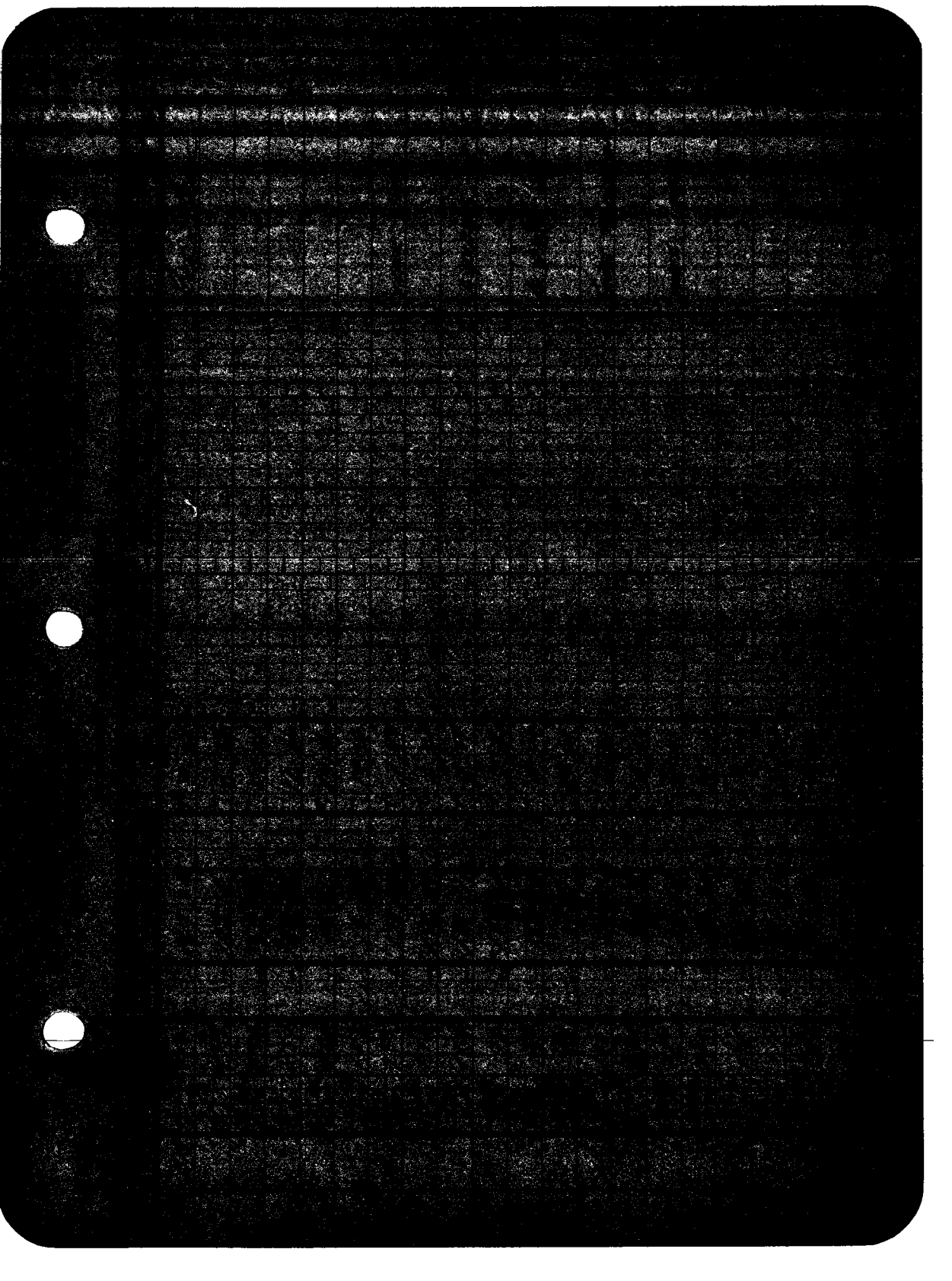
76308 CE #247—7-53

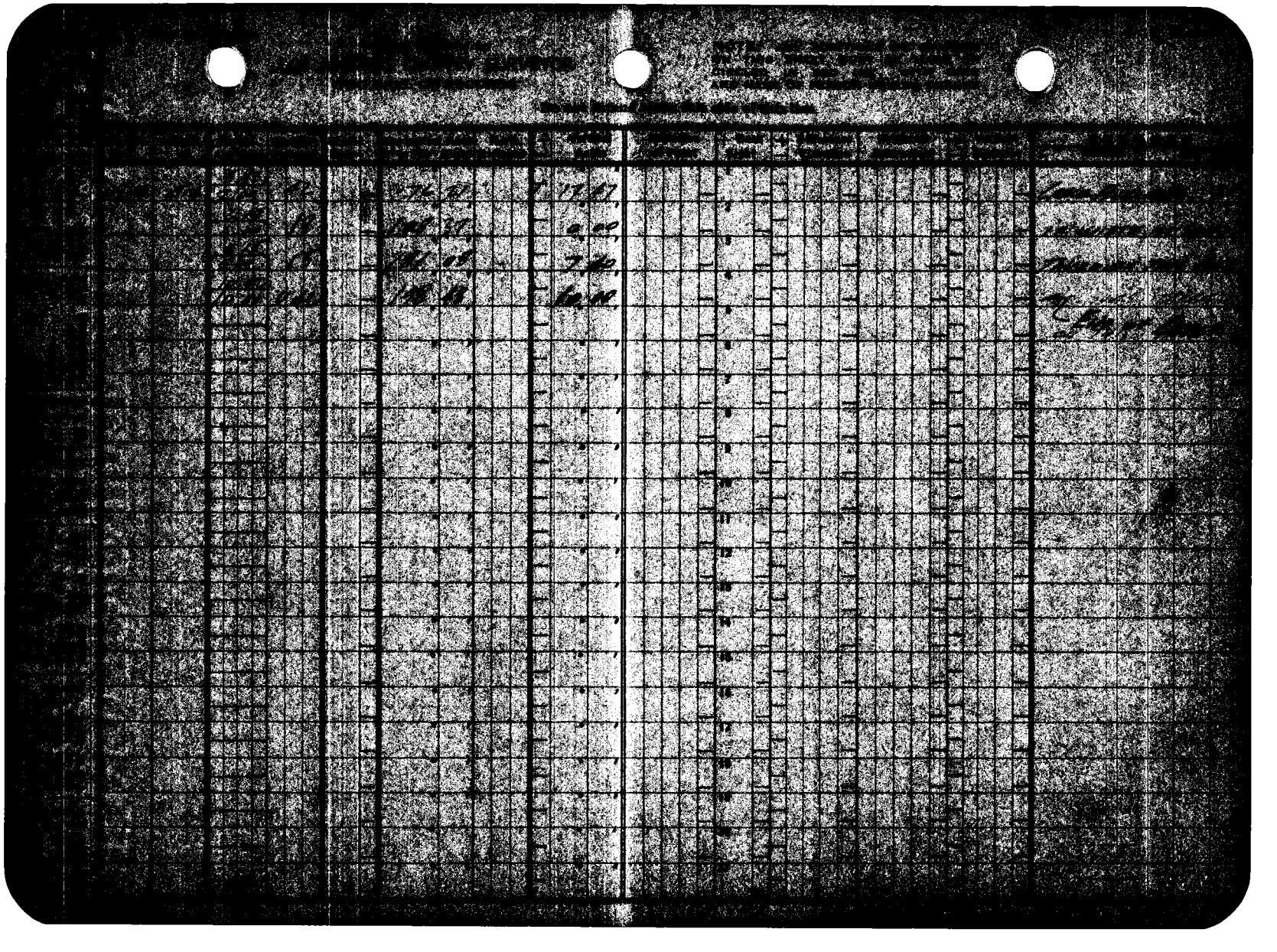
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

Note: Any Additions or Changes on This Sheet Must 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. 2239 PG. 24





Notes Ck'd by	Survey of CARBON MESA LANDSLIDE AREA	F. B. 2633 Pg. 27
Map No.	JN 0021.92 Tape 153 Std 84 °F	
Office Work	Surveyed by LIND	
Checked	Notes ~~[illegible]~~ Date 1-12-60	
Date	Indexed 1-27-60	

J.N. 0021.~~84~~ 92

CARBON MESA

LANDSLIDE AREA

HORIZONTAL CONTROL

1-12-60

LIND
WILLS
HILL
McKNIGHT
MASUDA

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

Do not extend notes this side of this line.

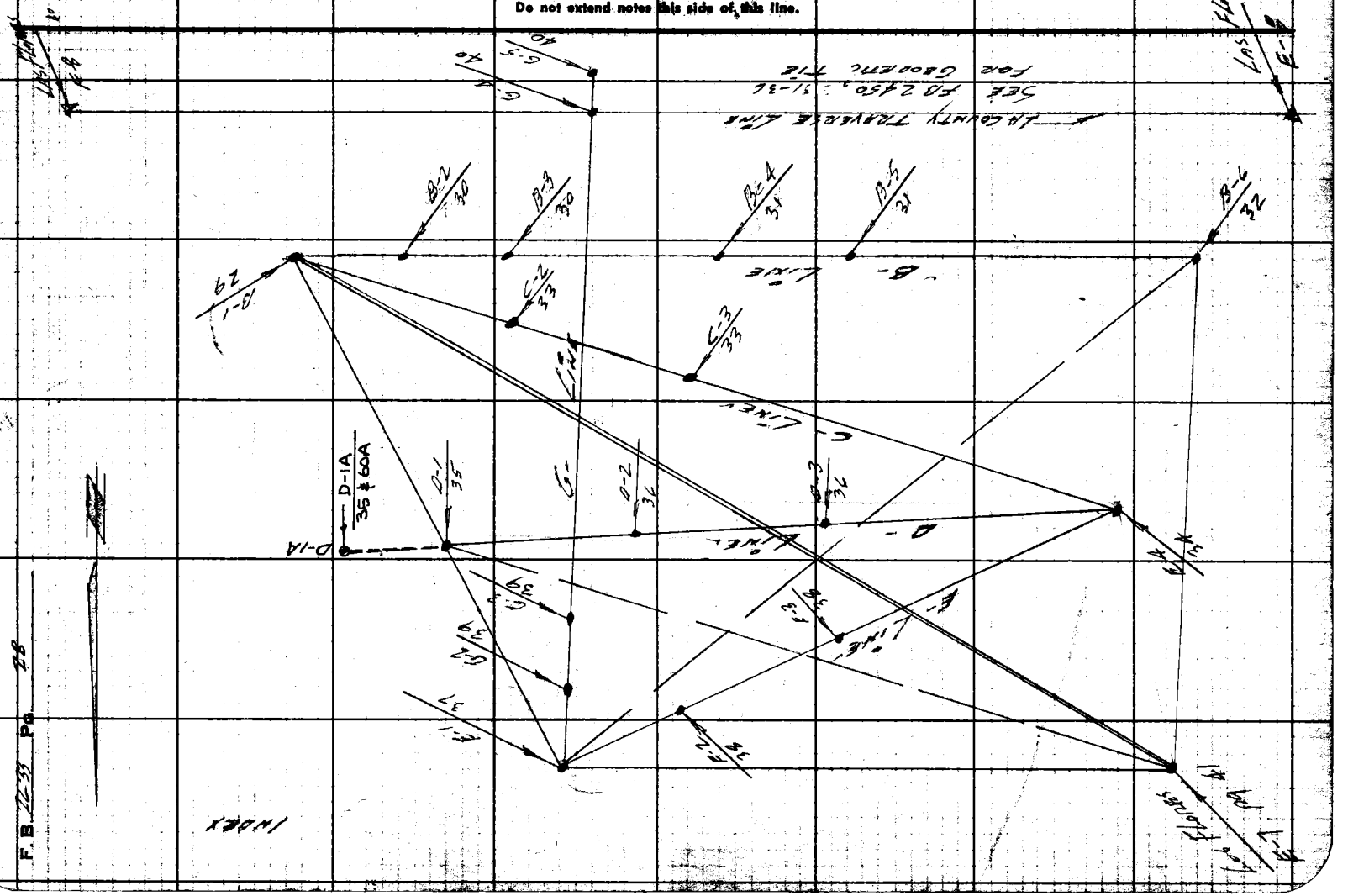
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-P

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

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

Do not extend notes this side of this line.

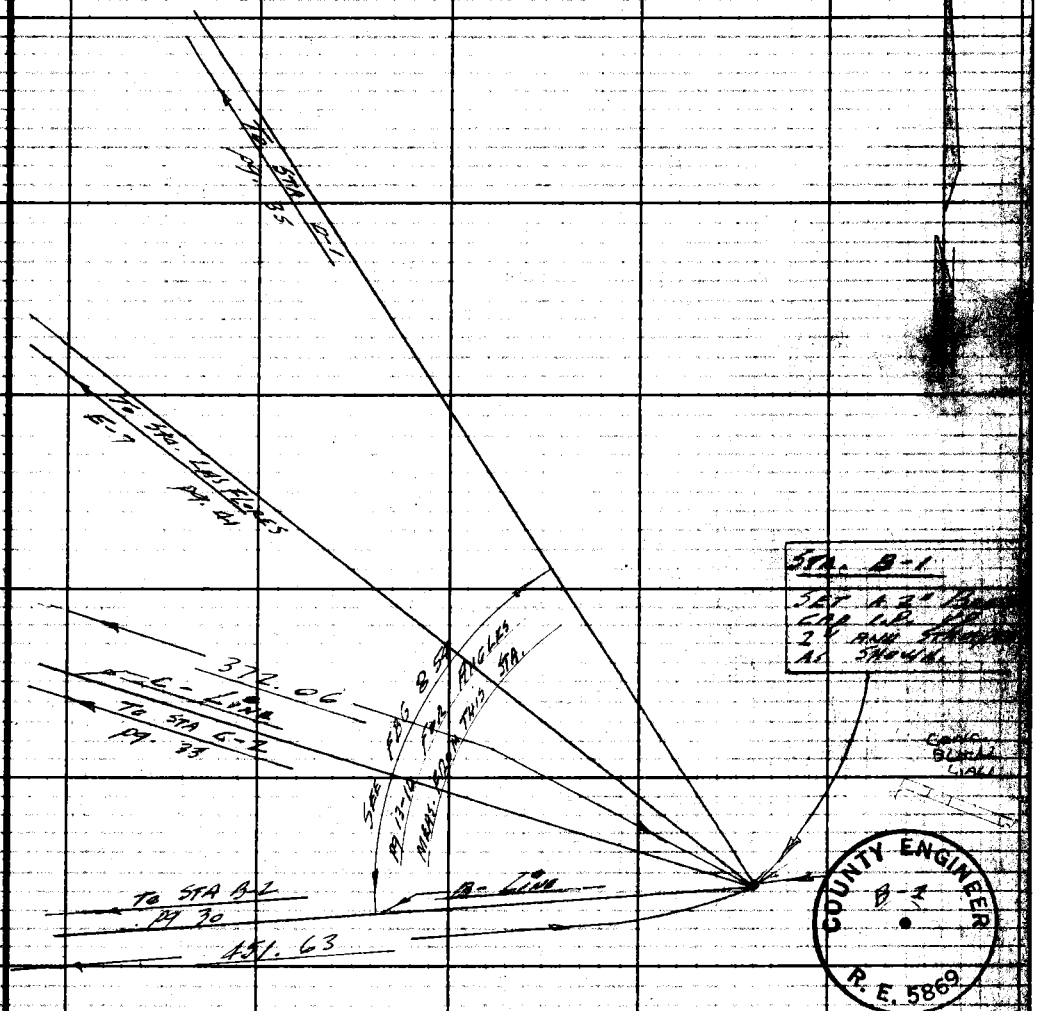


F.B. 2433 Pg. 28

CARBON MESA

Notes Ck'd by	Survey of LAND SLIDE AREA
Map No.	JN 0071 Tape 153 Std 84 °F
Office Work	Surveyed by C.K. LINO
Checked	Notes LINO Date 1-12-60
Date	Indexed A. C. Johnson

F.B. 2633 Pg. 29



COUNTY ENGINEER
B-1
R. E. 5869

FOR ADDITIONAL
GEODETIC TIES SEE
F.B. 2450 31-36

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

Do not extend notes this side of this line.

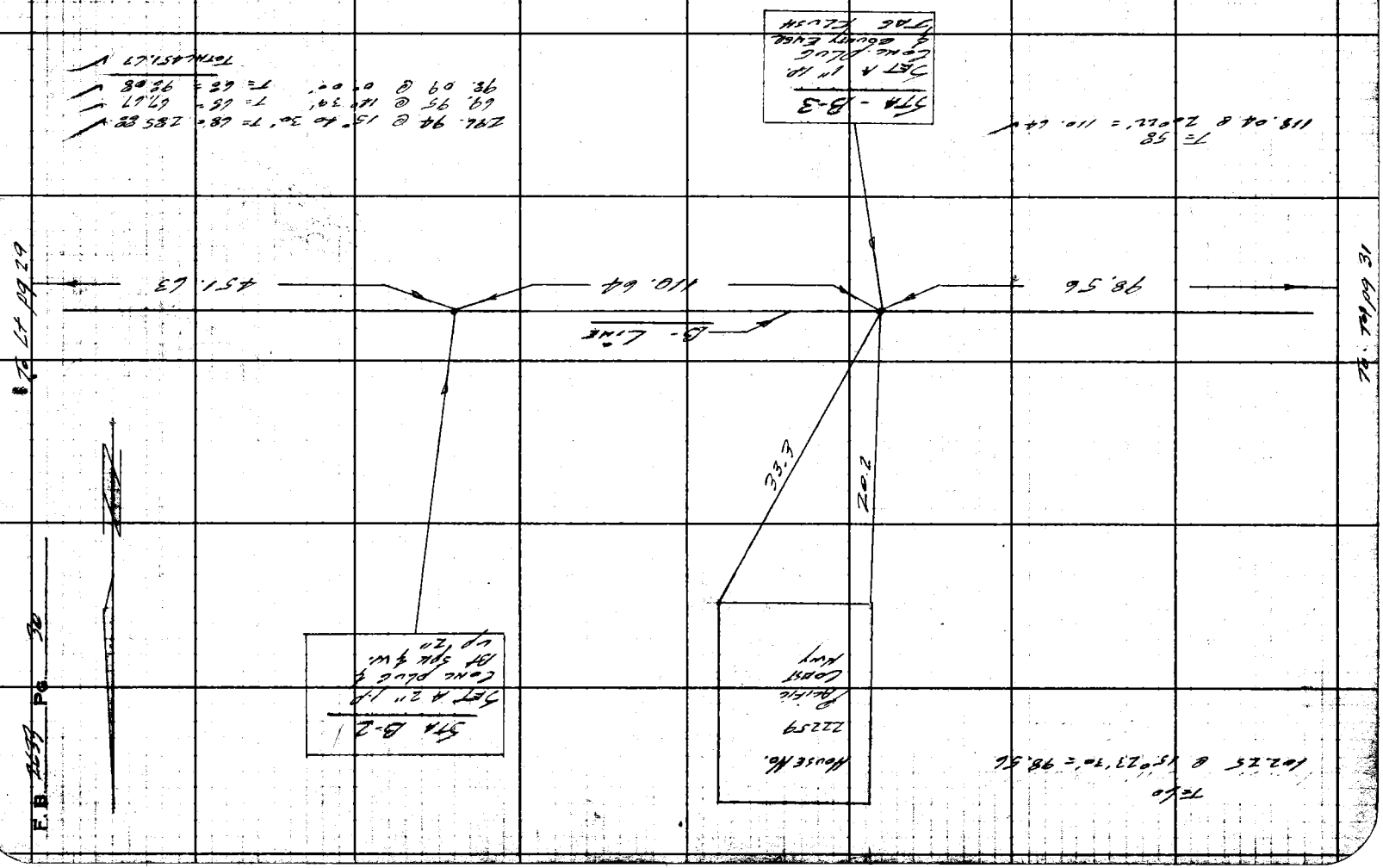
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247—3-57

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

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

Do not extend notes this side of this line.



F.B. 2639 PG. 30

CARBON MESA

Notes Ck'd by	Survey of LANDSLIDE AREA
Map No.	JN 0017 [illegible] Tape 153 Std 64 °F
Office Work	Surveyed by C.K. LIND
Checked	Notes C.K. LIND Date 1-12-60
Date	Indexed C. J[illegible]

F.B. 2659 Pg. 31

To B-3 pg. 34

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

Do not extend notes this side of this line.

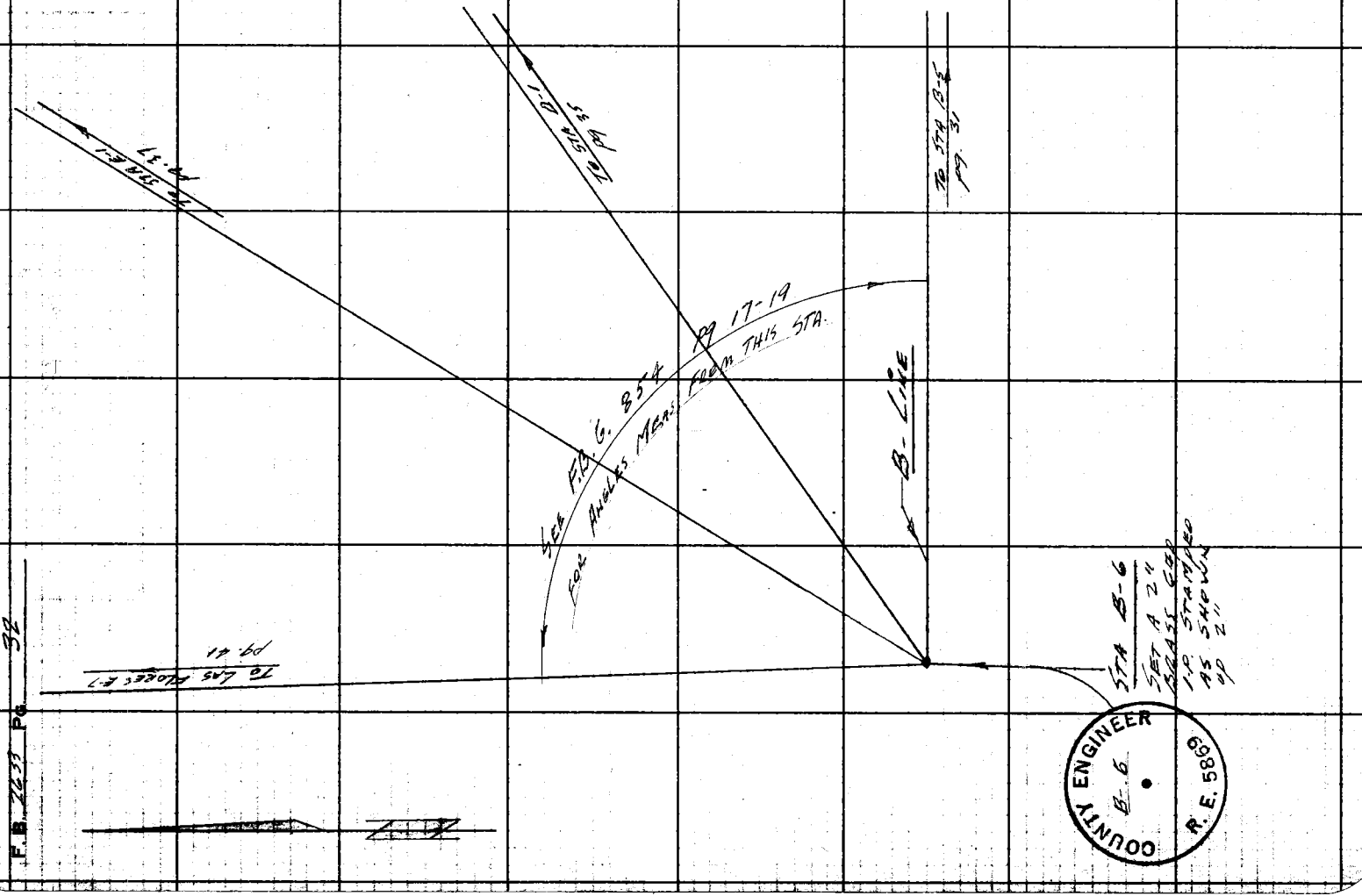
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3085 CE #247—8-57

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

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

Do not extend notes this side of this line.



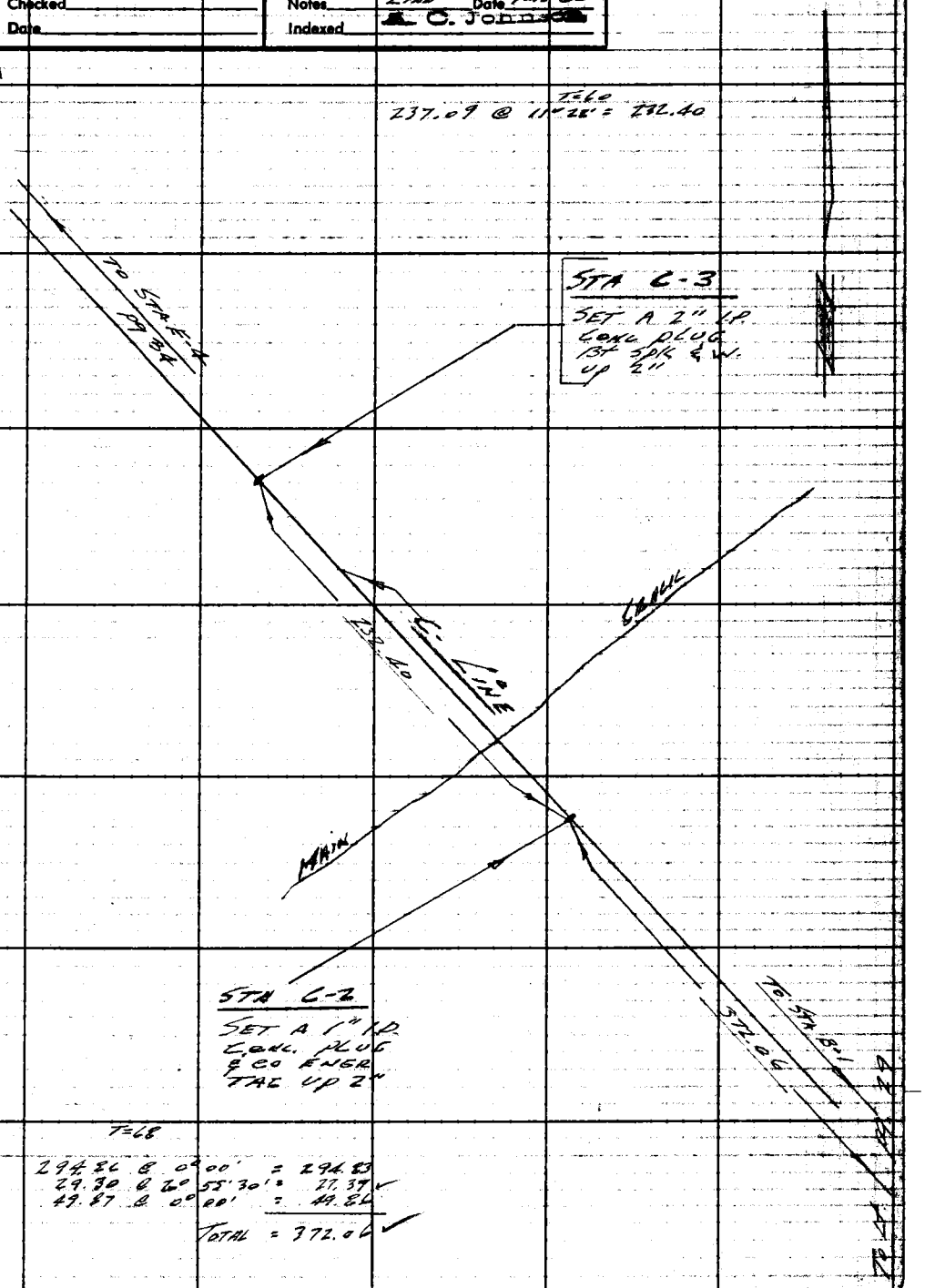
F.B. 7633 Pg. 32

CARBON MESA

Notes Ck'd by	Survey of LANDSLIDE AREA
Map No.	JN 60 [illegible] Tape 153 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 1-18-60
Date	Indexed A. C. Johnson

F.B. 2633 Pg. 33

T=60
237.09 @ 11°28' = 232.40



T=68

294.86 @ 0°00' = 294.83
29.30 @ 60°55'30" = 27.39 ✓
49.87 @ 0°00' = 49.86

TOTAL = 372.06 ✓

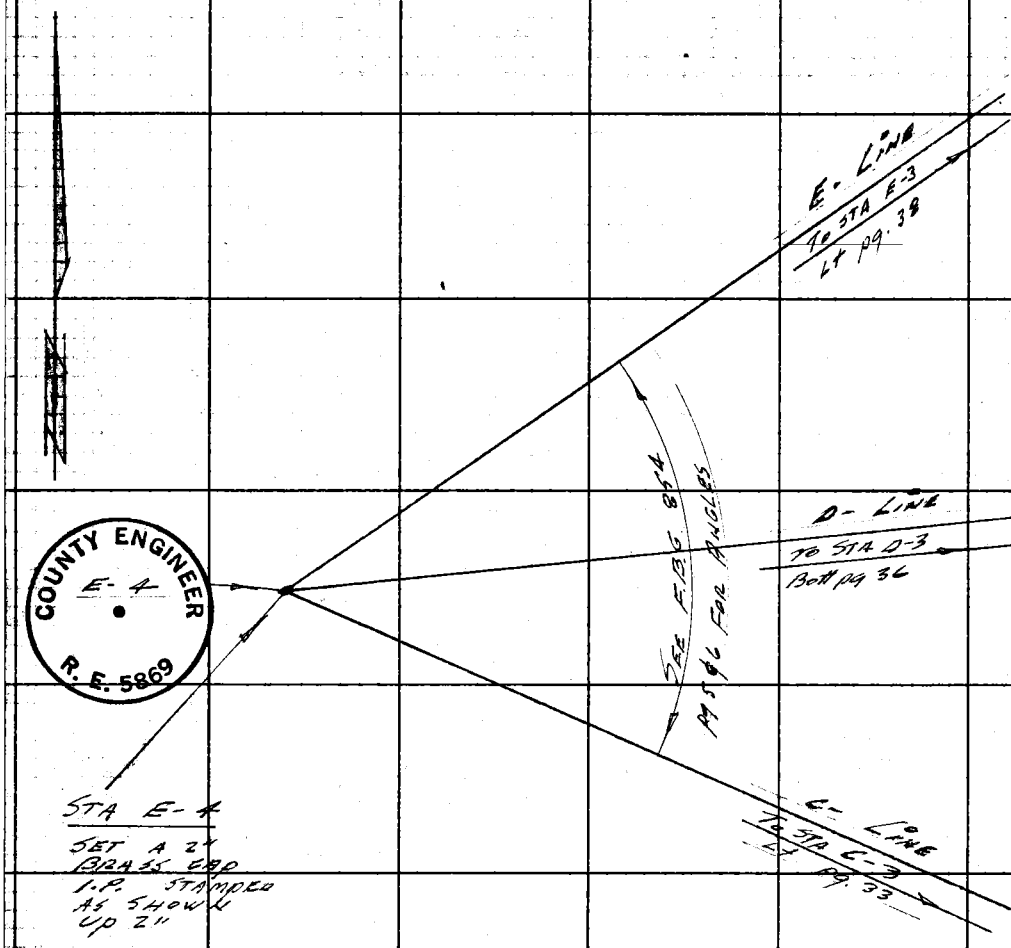
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F309S CE #247—3-57

F. B. 2633 Pg. 34



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

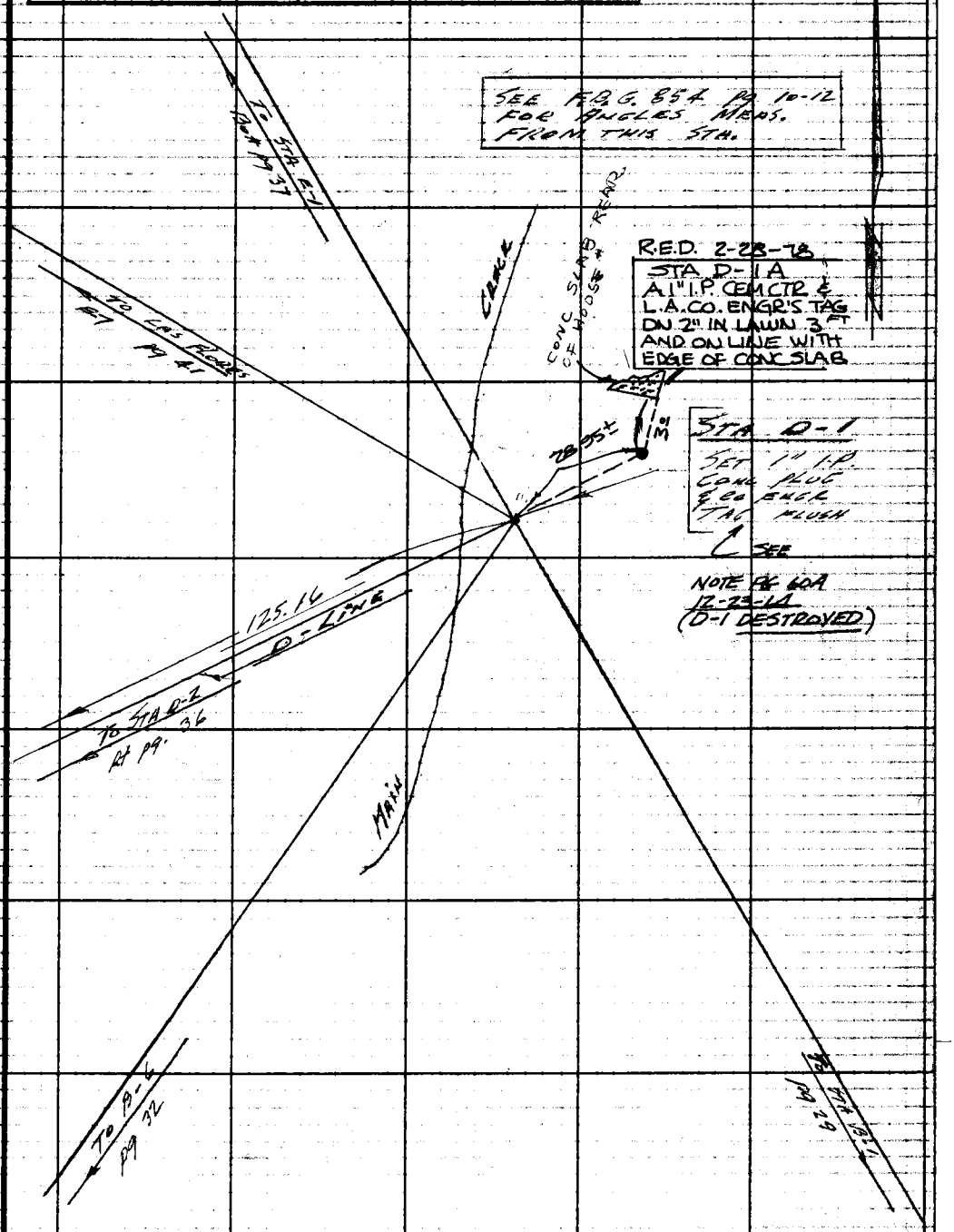
Do not extend notes this side of this line.

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

CARBON MESA

Notes Ck'd by	Survey of LANDSLIDE AREA
Map No.	JN 0021.97 Tape 153 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 1-12-60
Date	Indexed C. JOHNSON

F. B. 2633 Pg. 35



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

Do not extend notes this side of this line.

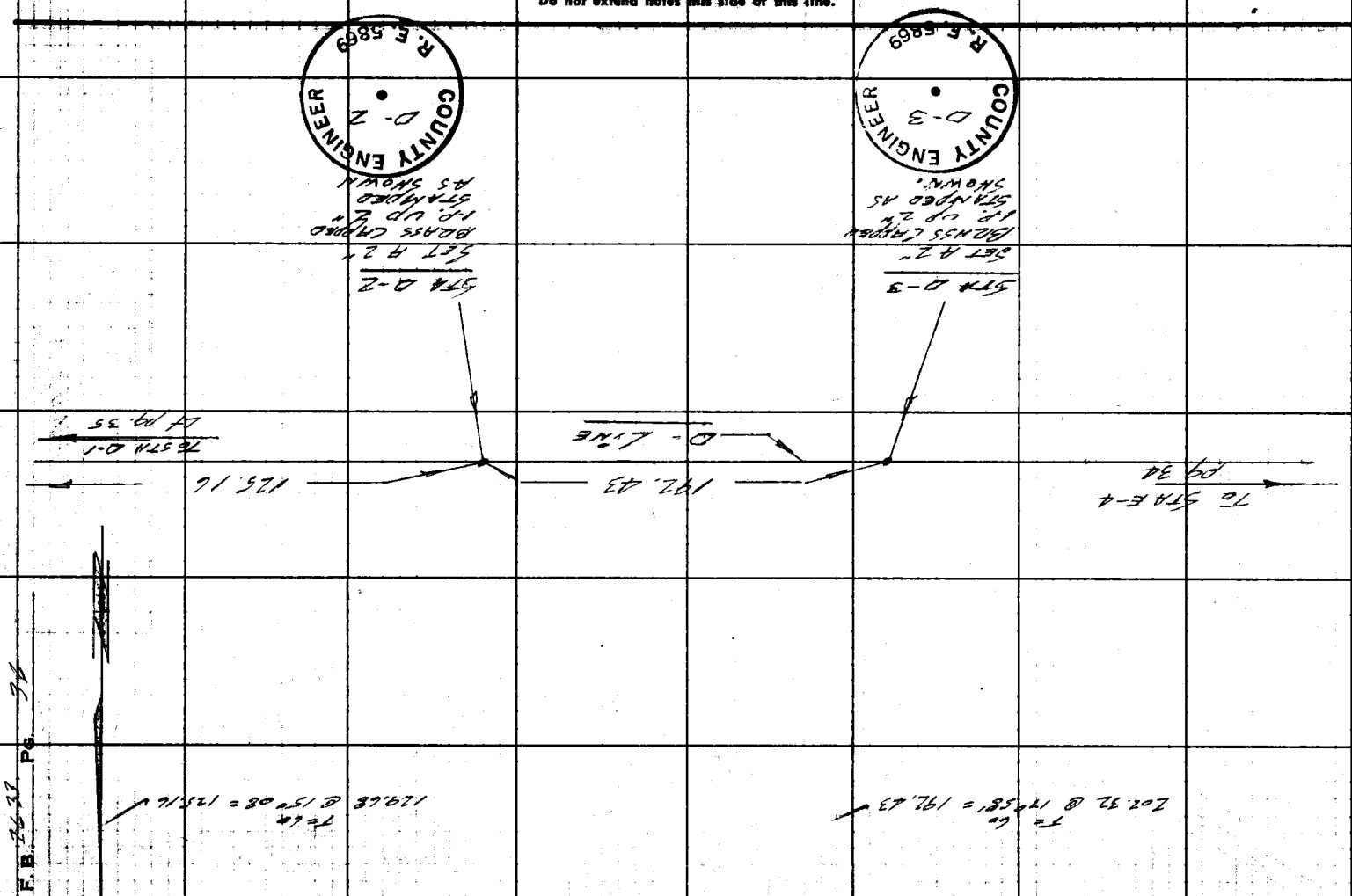
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247—3-57

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

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

Do not extend notes this side of this line.



F. B. 26 33 PG. 36

CARBON MESA

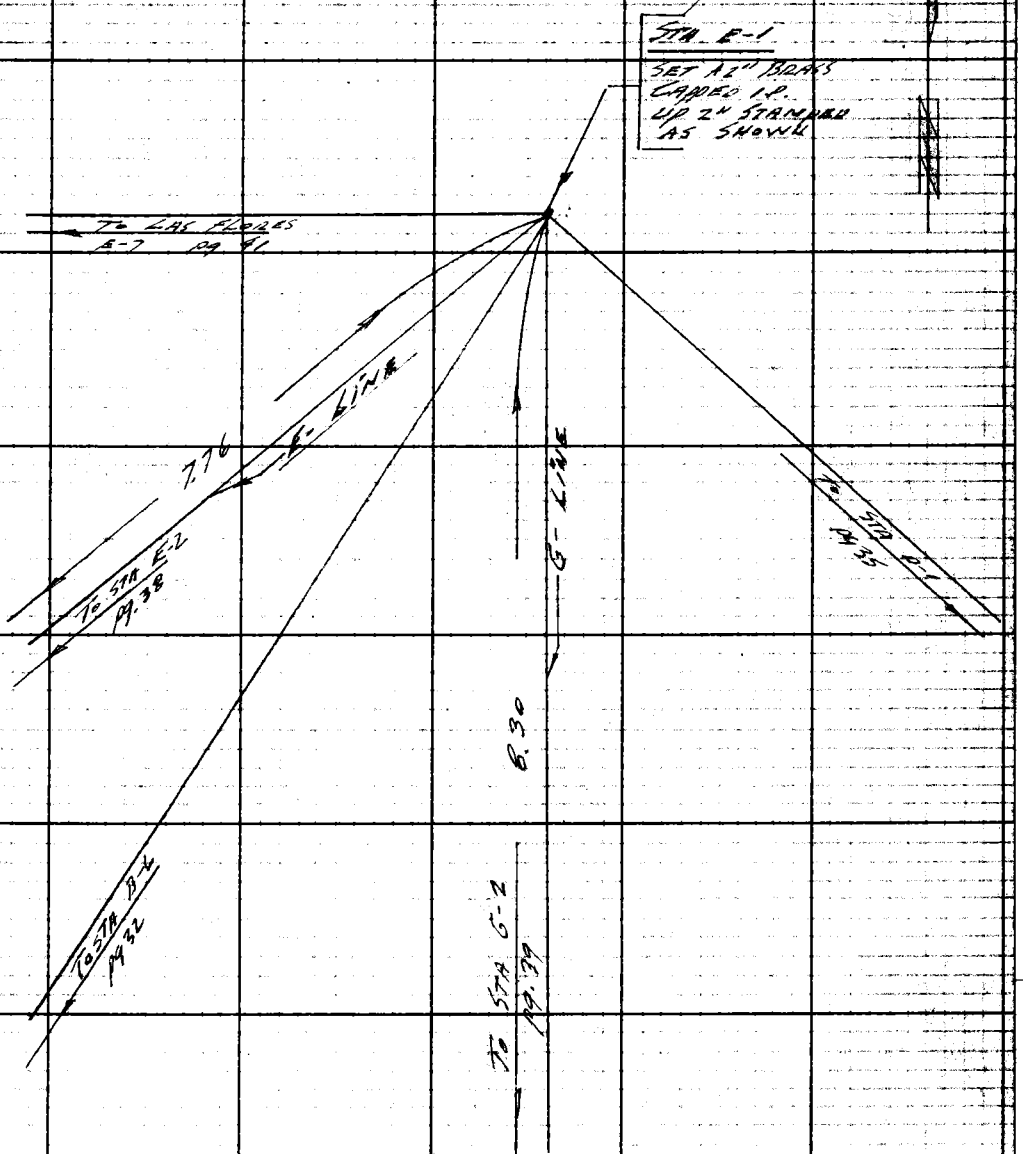
Notes Ck'd by	Survey of LANDSLIDE AREA
Map No.	JN 0021 Tape 153 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 1-12-60
Date	Indexed C. Johnson

F.B. 2633 Pg. 37

COUNTY ENGINEER E-1 R.E. 5869

SEE F.B.G. 854 PG. 7-9 FOR ANGLES MEAS. FROM THIS STA.

STA E-1
SET A 2" BRASS CAPPED I.P. UP 2" STAMPED AS SHOWN



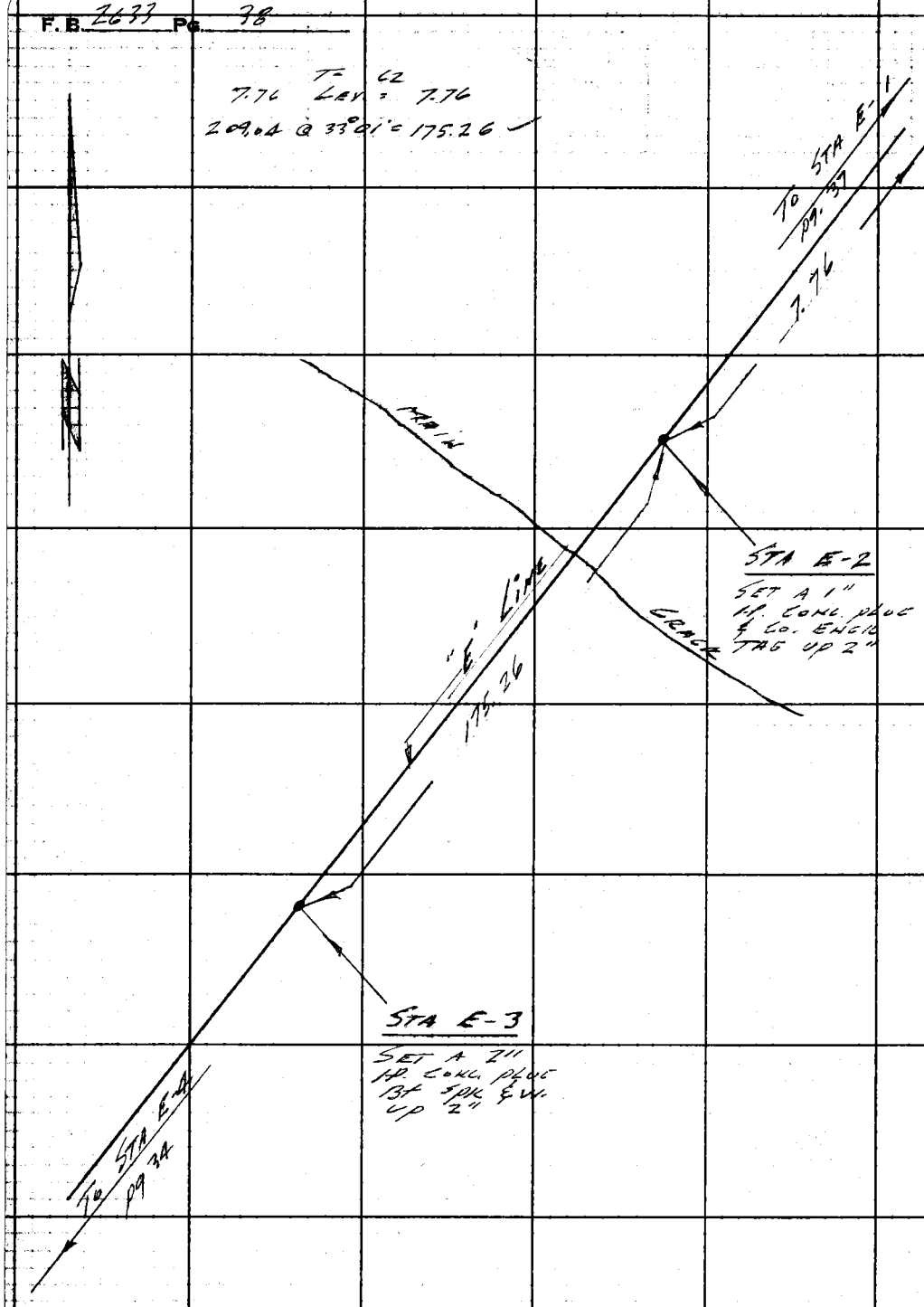
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3095 CE #247—3-57

F.B. 2633 Pg. 38



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

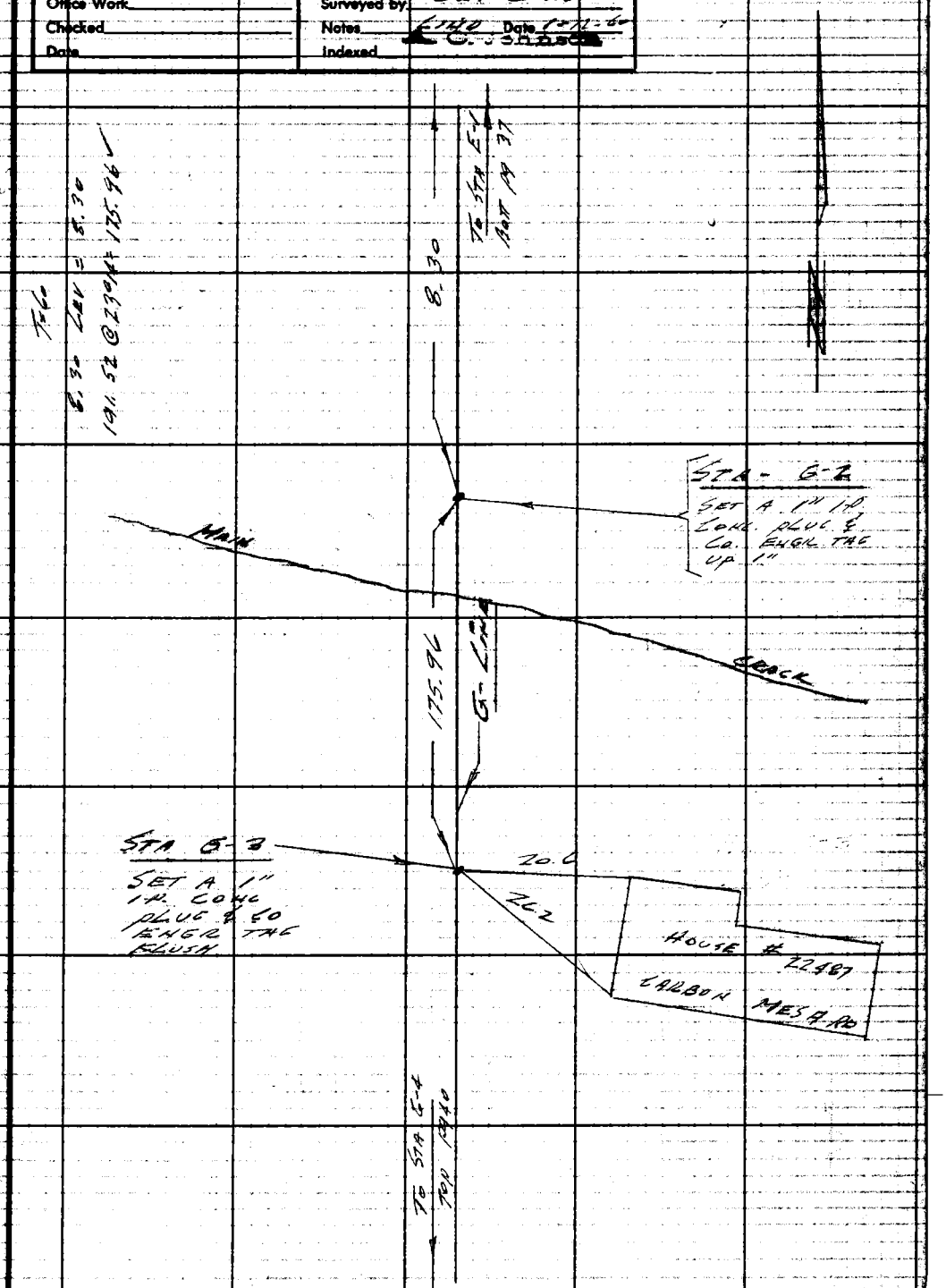
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

CARBON MESA

Notes Ck'd by	Survey of LANDSLIDE AREA
Map No.	JN 002[illegible] Tape 153 Std 84 °F
Office Work	Surveyed by C.R. LINO
Checked	Notes LINO Date 1-12-60
Date	Indexed C. Johnson

F.B. 2633 Pg. 39



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

Do not extend notes this side of this line.

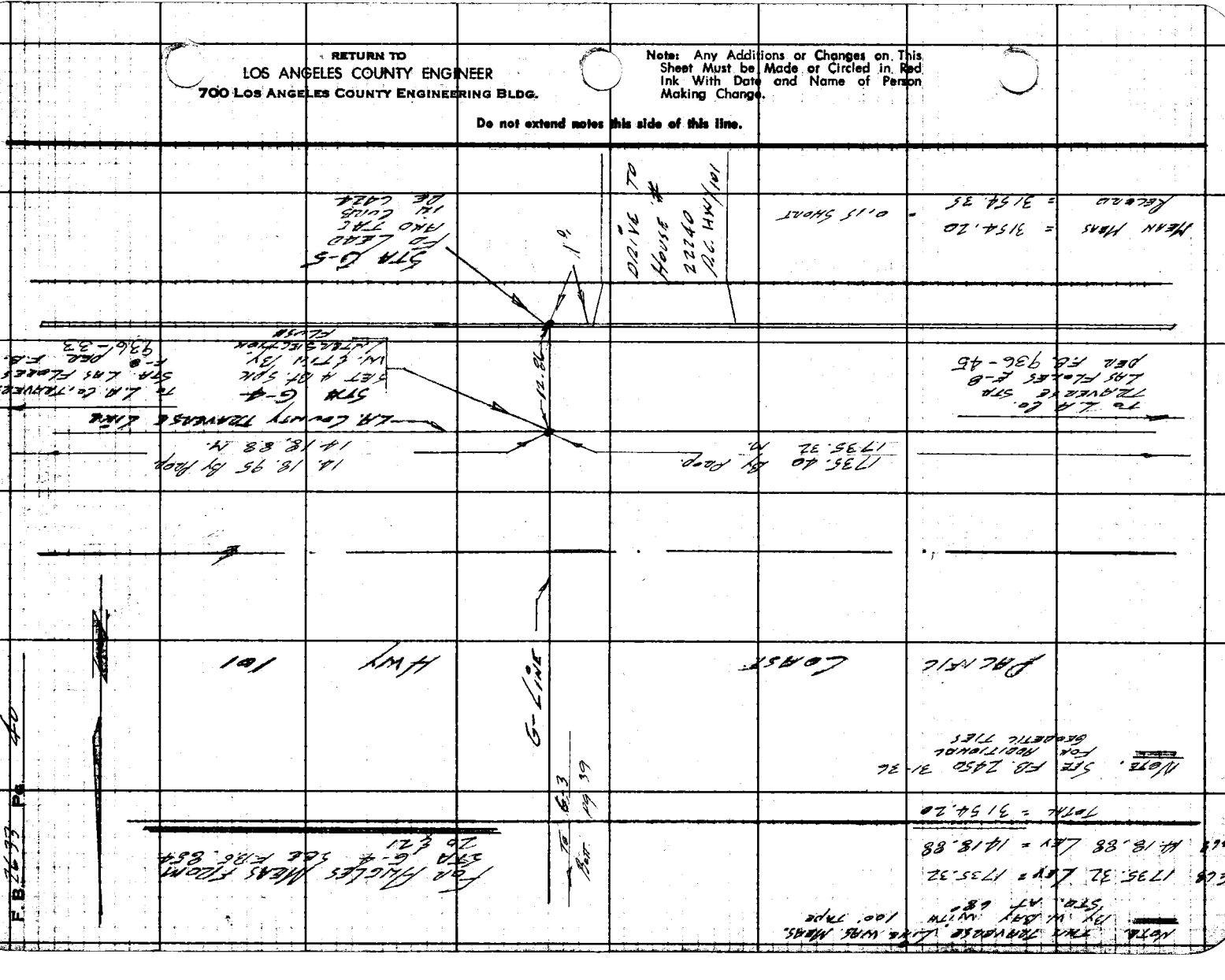
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247—3-57

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

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

Do not extend notes this side of this line.

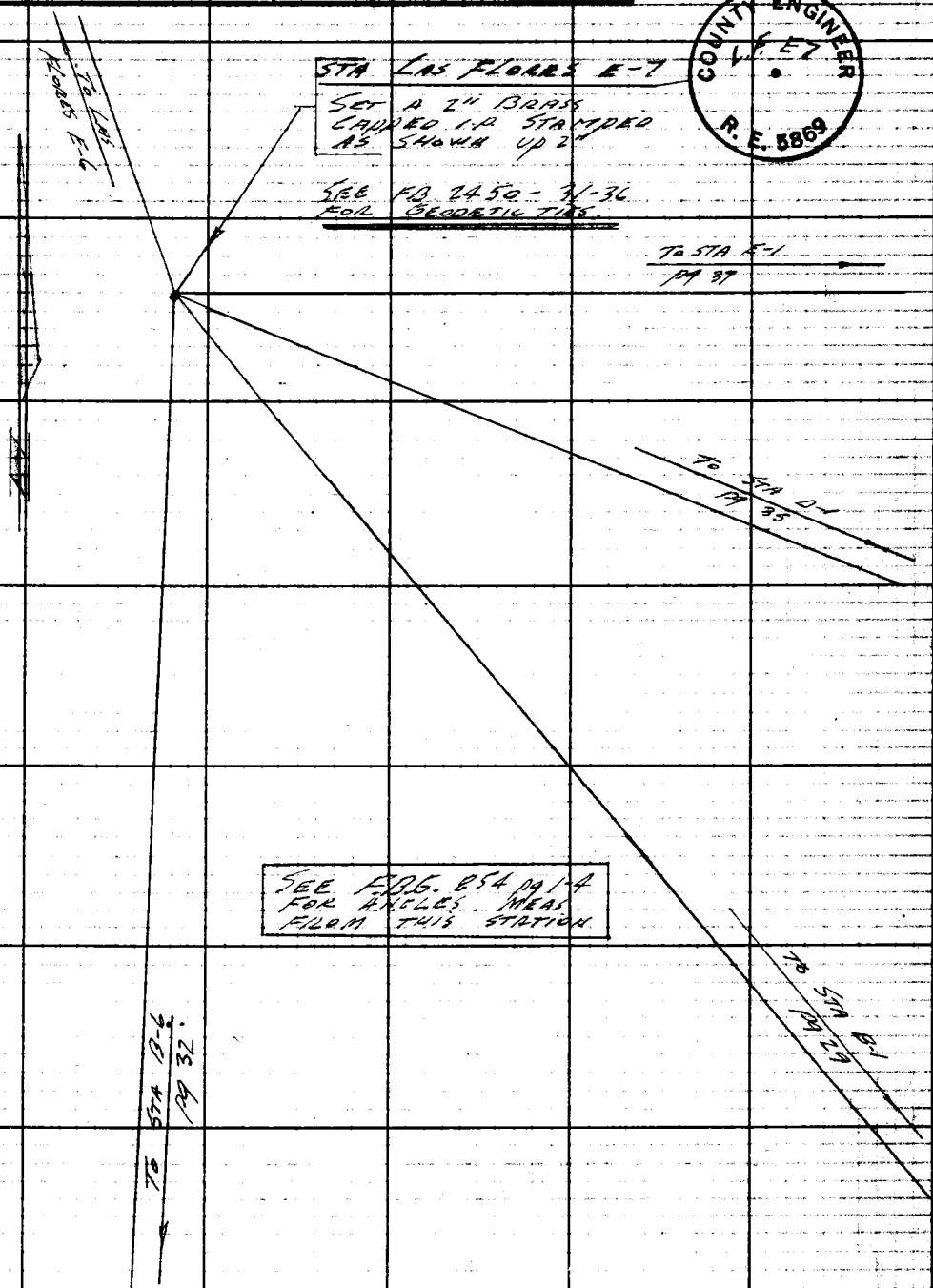


CARBON MESA

Notes Ck'd by	Survey of LANDSLIDE AREA
Map No.	JN 002[illegible] Tape 153 Std 24 °F
Office Work	Surveyed by LINO
Checked	Notes LINO Date 1-12-60
Date	Indexed C. Johnson

F. B. 2637 Pg. 41

COUNTY ENGINEER
L.F. E7
R. E. 5869



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

Do not extend notes this side of this line.

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

76F309S CE #247—8-57

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

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

Do not extend notes this side of this line.

F.B. 2633 Pg. 42

CARBON MESA

Notes Ck'd by		Survey of LAND SLIDE AREA	F.B. 7633 Pg. 51 - 100
Map No.		JN 002187 Tape 15' Std. 24 °F	
Office Work		Surveyed by C.K. LIND	
Checked		Notes LIND Date 1-12-60	
Date		Indexed B. J. GALLI 1-19-60	

J.N. 0021.92

CARBON MESA

LAND SLIDE AREA

HORIZONTAL COMPARISONS

NOTE:
FOR SHEAR
TO THE LEFT
OF LINE = "+"
ON ALL LINES

1-12-60
LIND
WILLIS
HILL
MC KNIGHT
MASUDA

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

Do not extend notes this side of this line.

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

78P3098 CE #247—8-57

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

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

Do not extend notes this side of this line.

F.B. 3633 Pg. 52

CARLSBAD MESA

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

Survey of LANDSLIDE AREA
JN 002184 Tape 153 Std. 24 °F
Surveyed by C.K. LIND
Notes LIND Date 1-12-60
Indexed by J. GALLY

F. B. 2638 Pg. 59

E - LINE

E-1 TO E-2

E-2

DATE	DISTANCE	TOTAL SHEAR	PERIOD SHEAR	TOTAL STRAIN	PERIOD STRAIN
1-12-60	7.76	0.00	0.00	0.00	0.00
1-21-60	7.76	0.00	0.00	0.00	0.00
1-28-60	NO CHANGE				
2-4-60	NO CHANGE				
3-11-60	NO CHANGE				
5-24-60	NO CHANGE				
6-6-60	NO CHANGE				
9-16-60	NO CHANGE				
10-3-60	NO CHANGE				
10-19-60	NO CHANGE				
10-31-60	NO CHANGE				
11-15-60	NO Change				
12-9-60	NO CHANGE				
1-3-61	NO CHANGE				
2-2-61	NO CHANGE				
4-12-61	NO CHANGE				
6-12-61	NO CHANGE				
7-27-61	NO CHANGE				
9-5-61	NO CHANGE				
11-22-61	NO CHANGE				
1-25-62	NO CHANGE				
2-27-62	7.85	+0.09	+0.09	0.00	0.00
4-13-62	NO CHANGE	+0.09	+0.09	0.00	0.00
6-27-62	NO CHANGE				
9-13-62	7.92	+0.16	+0.07	+0.08 (E)	+0.08 (E)
1-28-63	7.92	+0.16	0.00	+0.08	0.00
6-21-63	7.93	+0.17	+0.01	+0.09	+0.01
9-27-63	7.93	+0.17	0.00	+0.09	0.00
12-19-63	7.93	+0.17	0.00	+0.09	0.00
3-26-64	7.94	+0.18	+0.01	+0.10	+0.01
7-9-64	7.94	+0.18	0.00	+0.10	0.00

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

Do not extend notes this side of this line.

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

76F3098 CE #247—5-57

F.B. 2633 Pg. 54

E-1 TO E-2

K-2

DATE	DISTANCE	TOTAL SQUEAK	PERIOD SQUEAK	TOTAL SHEAR	PERIOD SHEAR
12-23-64	7.95	+0.18	0.00	-0.02	0.00
7-28-65	7.97	+0.20	+0.02	-0.02	0.00
1-11-66	7.97	+0.20	0.00	-0.02	0.00
CONT.	TO F.B. 3285-11				

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

CARBON MESA

Notes Ck'd by	Survey of LAND SLIDE AREA	F.B. 2633 Pg. 55
Map No.	JN 0021.89 Tape 153 Std 84 °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 1-12-60	
Date	Indexed E. J. GALLA	

E- LINE

E-2 TO E-3

E-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1-12-60	175.26	0.00	0.00	0.00	0.00
1-21-60	175.26	0.00	0.00	0.00	0.00
1-28-60	NO CHANGE				
2-4-60	NO CHANGE				
3-11-60	NO CHANGE				
5-24-60	175.31	+0.05	+0.05	+0.05	+0.05
8-8-60	175.37	+0.11	+0.06	[illegible] +0.16	+0.11
9-16-60	175.37	+0.11	0.00	+0.05	-0.11
10-3-60	175.37	+0.11	0.00	+0.05	0.00
10-19-60	175.36	+0.10	-0.01	+0.04	-0.00
10-31-60	175.36	+0.10	0.00	+0.04	0.00
11-15-60	175.36	+0.10	0.00	+0.04	0.00
12-9-60	175.36	+0.10	0.00	+0.04	0.00
1-3-61	175.38	+0.12	+0.02	+0.04	0.00
2-2-61	175.42	+0.16	+0.04	+0.05	+0.01
4-12-61	175.42	+0.16	0.00	+0.06	+0.01
6-12-61	175.42	+0.16	0.00	+0.06	0.00
7-27-61	175.44	+0.18	0.02	+0.08	+0.02
9-5-61	175.46	+0.20	+0.02	+0.11	+0.03
11-22-61	175.46	+0.20	0.00	+0.11	0.00
1-25-62	175.41	+0.15	0.05	+0.11	0.00
2-27-62	175.88	+0.62	+0.47	+0.14	+0.03
4-13-62	176.88	+1.62	+1.00	+0.18	+0.04
6-27-62	177.30	+2.04	+0.42	+0.24	+0.06
9-13-62	177.55	+2.29	+0.25	+0.24	0.00
1-28-63	177.84	+2.58	+0.29	+0.21	-0.03
6-21-63	178.25	+2.99	+0.41	+0.27	+0.06
9-27-63	178.38	+3.12	+0.13	+0.27	0.00
12-19-63	178.40	+3.14	+0.02	+0.27	0.00
3-26-64	178.50	+3.24	+0.10	+0.28	+0.01
7-9-64	178.62	+3.36	+0.12	+0.28	0.00

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

76F3098 CE #247—3-57

F.B. 2633 Pg. 56

E-2 to E-3

				E-3	
DATE	DISTANCE	TOTAL SHEAR	PERIOD SHEAR	TOTAL WATER	PERIOD SHEAR
12-23-64	178.55	+3.29	-0.07	+0.30	+0.02
7-28-65	178.71	+3.45	+0.16	+0.31	+0.01
1-11-66	179.11	+3.85	+0.40	+0.31	+0.00
CONT. TO F.B 3285-11					

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

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

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CAR BOX MESA

Notes Ck'd by	Survey of LANDSLIDE AREA	F. B. 2633 PG. 57
Map No.	JN 0021.89 Tape 153 Std 84 °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 1-12-60	
Date	Indexed [redacted] J. GALLI	

G- LINE

E-1 TO G-2

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	G-2 TOTAL SHEAR	G-2 PERIOD SHEAR
1-12-60	8.30	0.00	0.00	0.00	0.00
1-21-60	8.30	0.00	0.00	0.00	0.00
1-28-60	NO CHANGE				
2-4-60	NO CHANGE				
3-11-60	NO CHANGE				
5-24-60	NO CHANGE				
8-8-60	NO CHANGE				
9-16-60	NO CHANGE				
10-3-60	NO CHANGE				
10-11-60	NO CHANGE				
10-31-60	NO CHANGE				
11-15-60	NO CHANGE				
12-9-60	NO CHANGE				
1-3-61	NO CHANGE				
2-2-61	NO CHANGE				
4-12-61	NO CHANGE				
6-12-61	NO CHANGE				
7-27-61	NO CHANGE				
9-5-61	NO CHANGE				
11-22-61	NO CHANGE				
1-25-62	NO CHANGE				
2-27-62	8.35	+0.05	+0.05	0.00	0.00
4-13-62	NO CHANGE	+0.05	+0.05	0.00	0.00
6-27-62	NO CHANGE				
9-13-62	8.39	+0.09	+0.04	0.00	0.00
1-28-63	8.39	+0.09	0.00	0.00	0.00
6-21-63	8.39	+0.09	0.00	-0.09	0.09
9-27-63	8.39	+0.09	0.00	-0.09	0.00
12-19-63	8.39	+0.09	0.00	-0.09	0.00
3-26-64	8.39	+0.09	0.00	-0.11	-0.02
7-9-64	8.39	+0.09	0.00	-0.09	+0.02

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

Do not extend notes this side of this line.

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

76F3098 CE #247—3-57

F.B. 2655 Pg. 58

"E-1 TO G-2"

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	G-2 TOTAL SHEAR	PERIOD SHEAR
12-23-64	8.39	+0.09	0.00	-0.09	0.00
7-28-65	8.39	+0.09	0.00	-0.09	0.00
1-11-66	8.43	+0.13	+0.04	-0.09	0.00

CONT. TO F.B. 3285-12

RETURN TO
LOS ANGELES COUNTY ENGINEER
900 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.

CARBON MESA

Notes Ck'd by	Survey of LAND SLIDE AREA
Map No.	JN 0-21-87 Tape 153 Std 84 °F
Office Work	Surveyed by LINE
Checked	Notes LINE Date 1-12-60
Date	Indexed J. GAINS

F.B. 2633 Pg. 59

G- LINE

G-2 TO G-3

G-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1-12-60	175.96	0.00	0.00	0.00	0.00
1-21-60	175.96	0.00	0.00	0.00	0.00
1-28-60	NO CHANGE				
2-4-60	NO CHANGE				
3-11-60	NO CHANGE				
5-24-60	176.00	+0.04	+0.04	0.00	0.00
8-8-60	176.04	+0.08	+0.04	-0.10	-0.10
9-16-60	176.12	+0.16	+0.08	-0.10	0.00
10-3-60	176.12	+0.16	+0.00	-0.10	0.00
10-19-60	176.12	+0.16	+0.00	-0.10	0.00
10-31-60	176.12	+0.16	+0.00	-0.09	+0.01
11-15-60	176.12	+0.16	+0.00	-0.07	+0.02
12-9-60	176.12	+0.16	+0.00	-0.07	0.00
1-3-61	176.14	+0.18	+0.02	-0.05	-0.02
2-2-61	176.16	+0.20	+0.02	-0.04	-0.01
4-12-61	176.20	+0.24	+0.04	-0.04	-0.00
6-12-61	176.23	+0.27	+0.03	-0.04	-0.00
7-27-61	176.23	+0.27	+0.00	-0.04	-0.00
9-5-61	176.23	+0.27	+0.00	-0.04	-0.00
11-22-61	176.23	+0.27	+0.00	-0.04	-0.00
1-25-62	176.28	+0.32	+0.05	-0.06	-0.02
2-27-62	177.07	+1.11	+0.79	-0.17	-0.11
4-13-62	178.53	+2.57	+1.46	-0.47	-0.30
6-27-62	179.37	+3.41	+0.84	-0.74	-0.27
9-13-62	179.24	+3.27	-0.13	-0.78	-0.04
1-28-63	180.10	+4.13	+0.86	-1.03	-0.25
6-21-63	180.67	+4.70	+0.57	-1.11	-0.08
9-27-63	180.86	+4.89	+0.19	-1.27	-0.16
12-19-63	181.00	+4.93	+0.14	-1.23	-0.04
3-26-64	181.09	+5.02	+0.09	-1.32	-0.10
7-9-64	181.20	+5.13	+0.11	-1.33	[illegible]

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

76F3095 CE #247—3-57

F. B. 2633 Pg. 60

"G-2 TO G-3'

G-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
12-23-64	181.28	+5.21	+0.08	-1.36	-0.03
7-28-65	181.59	+5.52	+0.31	-1.40	-0.04
1-11-66	182.22	+6.15	+0.63	-1.56	-0.16

CONT. TO F.B. 3265-12

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

CARBON MESA

Notes Ck'd by	Survey of LANDSLIDE AREA
Map No.	JN 0021.89 Tape 0.119 Std. 84 °F.
Office Work	Surveyed by A. C. Guizado
Checked	Notes A.C.G Date 4-13-62
Date	Indexed J. GALLI

F. B. 2633 Pg. 60-A

D LINE

D-1A to D-1

D-1

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
4-13-62	28.35	0.00	0.00	0.00	0.00
6-13-62	28.53	+0.18	+0.18	-0.04	-0.04
1-28-63	28.66	+0.31	+0.13	-0.02	+0.02
6-21-63	28.76	+0.38	+0.20	0.00	-0.02
9-27-63	28.89	+0.41	+0.03	0.00	0.00
12-19-63	28.94	+0.46	+0.05	0.00	0.00
3-26-64	28.95	+0.47	+0.01	+0.02	+0.02
7-9-64	28.95	+0.47	0.00	0.00	+0.02
12-23-64	STATION "D-1" NOT RECOVERED 1" LP DESTROYED BY SUBSIDENCE AND EARTH MOVEMENT C.K. Line				

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

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RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-58

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

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

Do not extend notes this side of this line.

F. B. _____ PG. _____

CARBON MESA

Notes Ck'd by	Survey of LAND SLIDE AREA
Map No.	JN 0021.89 Tape 153 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 7-19-60
Date	Indexed J. GAIN

F.B. 2633 Pg. 61

D - LINE

D-1 TO D-2

D-2

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1-12-60	125.16	0.00	0.00	0.00	0.00
1-21-60	125.16	0.00	0.00	0.00	0.00
1-28-60	NO CHANGE				
2-4-60	NO CHANGE				
3-11-60	125.20	+0.04	+0.04	+0.04	+0.04
5-24-60	125.23	+0.07	+0.03	+0.08	+0.04
8-8-60	125.31	+0.15	+0.08	+0.15	+0.07
9-16-60	125.34	+0.18	+0.03	+0.15	0.00
10-3-60	125.38	+0.22	+0.04	+0.15	0.00
10-19-60	125.38	+0.22	0.00	+0.16	+0.01
10-31-60	125.38	+0.22	0.00	+0.16	0.00
11-15-60	125.38	+0.22	0.00	+0.18	+0.02
12-9-60	125.38	+0.22	0.00	+0.18	+0.02
1-3-61	125.38	+0.22	0.00	+0.19	0.00
2-2-61	125.38	+0.22	0.00	+0.21	+0.02
4-12-61	125.42	+0.26	+0.04	+0.25	+0.04
6-12-61	125.45	+0.29	+0.03	+0.25	0.00
7-27-61	125.47	+0.31	+0.02	+0.29	+0.04
9-5-61	125.47	+0.31	0.00	+0.29	0.00
11-22-61	125.47	+0.31	0.00	+0.33	+0.04
1-26-62	125.52	+0.36	+0.05	+0.38	+0.05
2-27-62	126.60	+1.44	+1.08	+1.45	+1.07
4-13-62	128.23	+3.07	+1.63	+3.29	+1.84
6-27-62	129.17	+4.01	+0.94	+4.30	+1.01
9-13-62	129.59	+4.43	+0.42	+4.76	+0.46
1-28-63	129.99	+4.83	+0.40	+5.04	+0.28
6-21-63	130.53	+5.37	+0.54	—	—
9-27-63	130.98	+5.82	+0.45	+5.86	+0.82
12-19-63	130.87	+5.71	-0.11	+5.99	+0.13
3-26-64	131.03	+5.87	+0.16	+6.12	+0.14
7-9-64	131.20	+6.04	+0.17	+6.28	+0.[illegible]

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

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

76F3095 CE #247—3-57

F.B. 2677 PG. 62

D-1A TO D-2

D-2

DATE	DISTANCE	TOTAL SQUEEZE	INCR. SQUEEZE	TOTAL SHEAR	INCR. SHEAR
12-23-64	160.25	0.00	0.00	+6.44	+0.14
7-28-65	160.67	+0.42	+0.42	+6.84	+0.40
1-11-66	161.62	+1.47	1.05	+7.51	+0.67
CONT	TO F.B.	3285-10			

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

CARBON MESA

Notes Ck'd by	Survey of LANDSLIDE AREA
Map No.	JN 2021.89 Tape 157 Std 84 °F
Office Work	Surveyed by LINO
Checked	Notes LINO Date 1-12-60
Date	Indexed G. J. GALLI

F. B. 2633 Pg. 63

O- LINE

O-2 TO O-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	O-3 TOTAL SHEAR	PERIOD SHEAR
1-12-60	192.43	0.00	0.00	0.00	0.00
1-21-60	192.43	0.00	0.00	0.00	0.00
1-28-60	NO CHANGE				
2-4-60	NO CHANGE				
3-11-60	NO CHANGE				
5-24-60	192.42	+0.04	+0.04	0.00	0.00
8-8-60	192.25	-0.18	-0.22	+0.14	+0.14
9-16-60	192.37	+0.06	+0.12	+0.14	[illegible]
10-3-60	192.45	+0.02	+0.08	+0.14	0.00
10-19-60	192.50	+0.07	+0.05	+0.12	-0.02
10-31-60	192.50	+0.07	0.00	+0.12	0.00
11-15-60	192.52	+0.09	+0.02	+0.12	0.00
12-8-60	192.52	+0.09	+0.02	+0.10	-0.02
1-3-61	192.52	+0.09	0.00	+0.10	0.00
2-2-61	192.54	+0.11	+0.02	+0.12	+0.02
4-12-61	192.55	+0.12	+0.01	+0.15	+0.03
6-12-61	192.59	+0.16	+0.04	+0.16	+0.01
7-27-61	192.62	+0.19	+0.03	+0.16	0.00
9-5-61	192.62	+0.19	0.00	+0.19	+0.03
11-22-61	192.62	+0.19	0.00	+0.19	0.00
1-26-62	192.59	+0.16	-0.03	+0.22	+0.03
2-27-62	193.03	+0.60	+0.44	+0.86	+0.64
4-13-62	193.86	+1.43	+0.83	+1.89	+1.03
6-27-62	194.31	+1.88	+0.45	+2.42	+0.53
9-13-62	194.42	+1.99	+0.11	+2.67	+0.25
1-28-63	194.65	+2.22	+0.23	+2.90	+0.23
6-21-63	195.08	+2.65	+0.43	+3.23	+0.33
9-27-63	195.26	+2.83	+0.18	+3.35	+0.12
12-19-63	195.26	+2.83	+0.18	+3.41	+0.11
3-26-64	195.30	+2.87	+0.04	+3.49	+0.08
7-9-64	195.36	+2.93	+0.06	+3.53	[illegible]

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

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

76F3098 CE #247—8-57

F.B. 2633 Pg. 64

D-2 TO D-3

DATE	DISTANCE	TOTAL OFFSET	PERIOD OFFSET	TOTAL SHEAR	PERIOD SHEAR
				D-3	
12-23-64	195.46	+3.03	+0.10	+3.62	+0.09
7-26-65	195.63	+3.20	+0.17	+3.89	+0.27
1-12-66	196.25	+3.82	+0.62	+4.30	+0.41
CONT. TO F.B. 3285-10					

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

CARBON MESA

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

Survey of LANDSLIDE AREA
JN 0021.89 Tape 153 Std 84 °F
Surveyed by LINN
Notes LINN Date 1-12-60
Indexed R. J. GALLI

F. B. 2633 Pg. 44

C - LINE

C-2 To C-3

C-3

DATE	DISTANCE	TOTAL SPREAD	REL. TO SPREAD	TOTAL SHEAR	REL. TO SHEAR
1-12-60	232.40	0.00	0.00	0.00	0.00
1-21-60	232.40	0.00	0.00	0.00	0.00
1-28-60	NO CHANGE				
2-4-60	NO CHANGE				
3-11-60	232.40	0.00	0.00	+0.04	+0.04
5-24-60	232.45	+0.05	+0.05	+0.12	+0.08
6-8-60	232.45	+0.05	0.00	+0.12	0.00
9-16-60	232.48	+0.08	+0.03	+0.18	+0.06
10-3-60	232.49	+0.09	+0.01	+0.23	+0.05
10-19-60	232.49	+0.09	0.00	+0.23	0.00
10-31-60	232.49	+0.09	0.00	+0.23	0.00
11-15-60	232.49	+0.09	0.00	+0.25	+0.02
12-9-60	232.49	+0.09	0.00	+0.25	0.00
1-3-61	232.49	+0.09	0.00	+0.25	0.00
2-2-61	232.51	+0.11	+0.02	+0.28	+0.03
4-12-61	232.51	+0.11	0.00	+0.30	+0.02
6-12-61	232.51	+0.11	0.00	+0.34	+0.04
7-27-61	232.54	+0.14	+0.03	+0.38	+0.04
9-5-61	232.54	+0.14	0.00	+0.41	+0.03
11-22-61	232.57	+0.17	+0.03	+0.45	+0.04
1-26-62	232.54	+0.14	-0.03	+0.50	+0.05
2-27-62	233.36	+0.96	+0.82	+2.40	+1.90
4-13-62	234.43	+1.07	+0.11	+5.23	+2.83
6-27-62	235.01	+1.65	+0.58	+7.00	+1.77
9-13-62	235.14	+1.78	+0.13	+7.37	+0.37
1-28-63	235.33	+1.97	+0.19	+7.74	+0.37
6-21-63	235.73	+2.37	+0.40	+8.49	+0.75
9-27-63	235.88	+2.52	+0.15	+8.86	+0.37
12-19-63	235.88	+2.52	0.00	+8.86	0.00
3-26-64	235.90	+2.54	+0.02	+8.86	0.00
7-9-64	235.99	+2.63	+0.09	+9.10	+0.24

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

76P3095 CE #247—8-57

F.B. 2633 Pg. 66

"B" Line

B-2

DATE	TOTAL SHEAR	PERIOD SHEAR		
6-27-62	+0.05	+0.05	7-28-65	NO CHANGE
9-13-62	NO	CHANGE	SEE F.B. 3285-8	
1-28-63	NO	CHANGE		
6-21-63	NO	CHANGE		
9-27-63	NO	CHANGE		
12-19-63	NO	CHANGE		
3-30-64	NO	CHANGE		
7-9-64	NO	CHANGE		
12-28-64	NO	CHANGE		

C-2-TO C-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
12-28-64	236.08	+2.72	+0.09	+9.23	+0.13
7-28-65	236.18	+2.82	+0.10	+9.59	+0.36
1-12-66	236.58	+3.22	+0.40	10.55	+0.96

CONT. TO F.B. 3285-9

RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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CARBON MESA

Notes Ck'd by	Survey of LANDSLIDE AREA
Map No.	JN 0021.89 Tape 153 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 1-12-60
Date	Indexed R. J. GALLI

F. B. 2633 Pg. 67

B- LINE

B-2 TO B-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	B-3 TOTAL SHEAR	B-3 PERIOD SHEAR
1-12-60	110.64	0.00	0.00	0.00	0.00
1-21-60	110.64	0.00	0.00	0.00	0.00
1-28-60	NO CHANGE				
2-4-60	NO CHANGE				
3-11-60	NO CHANGE				
5-24-60	110.66	+0.02	+0.02	0.00	0.00
8-8-60	110.66	+0.02	0.00	0.00	0.00
9-16-60	110.66	+0.02	0.00	0.00	0.00
10-3-60	110.66	+0.02	0.00	0.00	0.00
10-19-60	110.66	+0.02	0.00	0.00	0.00
10-31-60	110.66	+0.02	0.00	0.00	0.00
11-15-60	110.66	+0.02	0.00	0.00	0.00
12-9-60	110.66	0.~~00~~ 02	0.00	0.00	0.00
1-3-61	110.66	+0.02	0.00	0.00	0.00
2-7-61	110.66	+0.02	0.00	0.00	0.00
4-12-61	110.66	+0.02	0.00	0.00	0.00
6-12-61	110.66	+0.02	0.00	0.00	0.00
7-27-61	110.66	+0.02	0.00	0.00	0.00
9-5-61	110.66	+0.02	0.00	0.00	0.00
11-22-61	NO CHANGE				
1-26-62	NO change				
2-27-62	No Change				
4-13-62	NO CHANGE				
6-27-62	110.62	-0.02	-0.04		
9-13-62	110.62	-0.02	-0.00	0.00	0.00
1-28-63	110.62	-0.02	0.00	0.00	0.00
6-21-63	110.67	+0.03	+0.05	0.00	0.00
9-27-63	110.67	+0.03	0.00	0.00	0.00
12-19-63	110.71	+0.07	+0.04	0.00	0.00
3-30-64	110.67	+0.03	-0.04	0.00	0.00
7-9-64	110.69	+0.02	-0.02	0.00	0.00

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

76F3095 CE #247—3-57

F.B. 2693 Pg. 68

DATE	DISTANCE	TOTAL SQUARED	REQUIRED SQUARED	TOTAL SHEAR	REQ'D SHEAR
12-28-64	110.69	+0.02	0.00	0.00	0.00
7-28-65	110.69	+0.02	0.00	0.00	0.00
1-12-66	110.69	+0.02	0.00	0.00	0.00

CONT TO F.B. 3285-8

RETURN TO
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5700 Los Angeles County Engineering Bldg.

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CARBON MESA

Notes Ck'd by	Survey of LAND SLIDE AREA
Map No.	JN 0021.89 Tape 153 Std 84 °F
Office Work	Surveyed by LINO
Checked	Notes LINO Date 1-19-60
Date	Indexed E. J. GALLI

F. B. 2633 Pg. 69

B- LINE

B-3 TO B-4

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	B-4 TOTAL SHEAR	PERIOD SHEAR
1-12-60	98.56	0.00	0.00	0.00	0.00
1-21-60	98-56	0.00	0.00	0.00	0.00
1-28-60	NO CHANGE				
2-4-60	NO CHANGE				
3-11-60	98.61	+ 0.05	+ 0.05	+0.03	+ 0.03
5-24-60	98.65	+0.09	+0.04	+0.03	0.00
8-8-60	98.65	+0.09	0.00	+0.05	+0.02
9-16-60	98.65	+0.09	0.00	+0.05	0.00
10-3-60	98.68	+0.12	+0.03	+0.05	0.00
10-19-60	98.68	+0.12	0.00	+0.05	0.00
10-31-60	98.68	+0.12	0.00	+0.05	0.00
11-15-60	98.70	+0.14	+0.02	+0.06	+0.01
12-9-60	98.70	+0.14	0.00	+0.06	0.00
1-3-61	98.72	+0.16	+0.02	+0.07	+0.01
2-2-61	98.75	+0.19	+0.03	+0.08	+0.01
4-12-61	98.76	+0.20	+0.01	+0.09	+0.01
6-12-61	98.78	+0.22	+0.02	+0.10	+0.01
7-27-61	98.78	+0.22	0.00	+0.10	0.00
9-5-61	98.78	+0.22	0.00	+0.10	0.00
11-22-61	NO CHANGE				
1-26-62	98.84	+0.28	+0.06	0.17	+0.07
2-27-62	100.23	+1.67	+1.39	+1.20	+1.03
4-13-62	101.84	+3.28	+1.61	+226.	+1.06
6-27-62	102.50	+3.94	+0.66	+275	+0.47
9-13-62	102.77	+4.21	+0.27	+290	+0.15
1-28-63	102.97	+4.41	+0.20	+293	+0.03
6-21-63	103.43	+4.87	+0.46	+3.14	+0.21
9-27-63	103.57	+5.01	+0.14	+3.14	0.00
12-19-63	103.57	+5.01	0.00	+3.27	+0.13
3-30-64	103.61	+5.05	+0.04	+3.42	+0.15
7-9-64	103.66	+5.10	+0.05	+3.42	[illegible]

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

76F3098 CE #247—3-57

F.B. 2633 Pg. 70

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
12-28-64	103.66	+5.10	0.00	+3.42	0.00
7-26-65	103.73	+5.17	+0.07	+3.42	0.00
1-12-66	104.33	+5.77	+0.60	+3.83	0.41

CONT TO F.B. 3285-8

RETURN TO
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700 Los Angeles County Engineering Bldg.

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CARBON MESA

Notes Ck'd by	Survey of LAND SLIDE AREA
Map No.	JN 002189 Tape 153 Std 24 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 1-18-60
Date	Indexed [redacted] J. GAIN

F.B. 2633 Pg. 71

B- LINE

B-4 TO B-5

B-5

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1-12-60	72.50	0.00	0.00	0.00	0.00
1-21-60	72.50	0.00	0.00	0.00	0.00
1-28-60	NO CHANGE				
2-4-60	NO CHANGE				
3-11-60	72.50	0.00	0.00	+0.04	+0.04
5-24-60	72.55	+0.05	+0.05	+0.10	+0.06
8-8-60	72.55	+0.05	0.00	+0.14	+0.04
9-16-60	72.60	+0.10	+0.05	+0.15	+0.01
10-3-60	72.60	+0.10	0.00	+0.15	0.00
10-19-60	72.60	+0.10	0.00	+0.15	0.00
10-31-60	72.60	+0.10	0.00	+0.15	0.00
11-15-60	72.60	+0.10	0.00	+0.15	0.00
12-9-60	72.60	+0.10	0.00	+0.15	0.00
1-3-61	72.60	+0.10	0.00	+0.15	0.00
2-2-61	72.60	+0.10	0.00	+0.18	+0.03
4-12-61	72.60	+0.10	0.00	+0.21	+0.03
6-12-61	72.60	+0.10	0.00	+0.22	+0.01
7-27-61	72.62	+0.12	+0.02	+0.23	+0.01
9-5-61	72.62	+0.12	0.00	+0.25	+0.02
11-22-61	NO CHANGE				
1-26-62	No change			+0.31	+0.06
2-27-62	73.27	+0.77	+0.65	+1.98	+1.67
4-13-62	74.07	+1.57	+0.80	+3.83	+1.85
6-27-62	74.35	+1.85	+0.28	+4.68	+0.85
9-13-62	74.43	+1.93	+0.08	+5.04	+0.36
1-28-63	74.46	+1.96	+0.03	+5.04	0.00
6-21-63	74.70	+2.20	+0.24	+5.52	+0.48
9-27-63				B-5	DESTROYED BY CONST. WORK

NOT CONT. SEE NOTE →

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76F3095 CE #247—3-57

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F.B. 4033 PG. 73

CARBON MESA

Notes Ck'd by	Survey of LAND SLIDE AREA
Map No.	JN 0021.89 Tape Std °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 1-19-60
Date	Indexed J. C. Johnson 1-27-60

F. B. 2637 Pg. 1 of 1

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

J.N. 0021.89

CARBON MESA

LAND SLIDE AREA

BENCH LEVELS

OVER

SLIDE AREA

1-19-60

LIND

WILLIS

KILL

MCKNIGHT

MASUDA

76F308S CE #247—8-57

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F.B. 2633 Pg. 102

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE AREA 1-19-60
B.M. C.M. #3	0673	401 989		401 316	BM C.M. #3 FIELD ELEV. 401.316
Sta E-1	1573	402 287	1275	400 714	
E-2			1447	400 840	
G-2			1650	400 637	
T.P.	0204	392 675	9816	392 471	
T.P.	0618	383 170	10123	382 552	
T.P.	0683	372 906	10 947	372 223	
T.P.	0631	362 261	11 276	361 630	
T.P.	0574	351 799	11 036	351 225	
T.P.	0941	341 832	10 903	340 891	
T.P.	1147	331 191	11 788	330 044	
G-3	2695	329 447	4439	326 752	
T.P.	3040	320 775	11 712	317 735	
D-1			1703	319 072	
T.P.	0618	310 939	10 454	310 321	
T.P.	1137	300 869	11 207	299 732	
T.P.	0298	291 056	10111	290 758	
E-3			3500	287 556	
T.P.	10284	290 107	11233	279 823	
D-2			1833	288 274	
T.P.	0250	278 827	11 530	278 577	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 10 F.B. 2633
Date ____ Date ____ Survey of CARBON MESA LANDSLIDE AREA
X-Sec. No. ____ Notes Chkd. HLJ Checked ____ Survey by LIND Notes LIND Date 1-19-60
Date 2-1-60 Date ____ Map No. ____ Indexed C. Johns Date ____

76L-298 CE 307 11-58

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		278 827				
T.P.	1280	269 026	11 081	267746		
T.P.	2647	259 997	11 676	257350		
T.P.	1895	250 624	11 268	248729		
C-2			11 568	239 056		
T.P.	0346	240 088	10 882	239 742		
D-3	0576	229 177	11 487	228 601		
T.P.	0364	227 796	1745	227432		
T.P.	0473	216 386	11 883	215 913		
T.P.	0361	204 813	11 934	204452		
C-3			9110	195703		
T.P.	0425	193 362	11 876	192937		
T.P.	0223	182 080	11 505	181857		
B-2			9477	172603		
T.P.	0391	170 879	11 592	170488		
T.P.	0512	159 924	11 467	159412		
T.P.	0505	149 006	11 423	148 501		
T.P.	0373	137 769	11 610	137396		
T.P.	9341	135 455	11 655	126114		
B-3	1990	135 455	1 990	133 465		
T.P.	0412	126 526	9341	126 114		

F.B. 2633 Pg. 104

Job No. 0021 Division No. 10 Notes Red Plotted Profile

Survey of CARBON MESA LANDSLIDE AREA Date Date No. X-Sec.

Survey by LIND Notes LIND Notes Chkd. HLV Checked

Indexed Date K. C. Johnson Date 2-1-60 Date No.

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		126 526				
T.P.	0480	115 699	11307	115219 ✓		
B-4	0426	104353	11772	103927 ✓		
T.P.	1432	94356	11429	92924 ✓		
T.P.	0853	83888	11321	83035 ✓		
T.P.	7904	80372	11420	72468 ✓		
STA. B-5			1607	78765 ✓		
T.P.	0443	70185	10630	69742 ✓		
T.P.	0605	59177	11613	58572 ✓		
T.P.	0407	48165	11419	47758 ✓		
T.P.	0386	36971	11580	36585 ✓		
T.P.	0200	25331	11840	25131 ✓		
BM. C.C. #1			11061	14270 ✓	B.M. C.C. #1 ELEV. = 14.258	

Profile Notes Red ____ Plotted ____ Job No. 0021.5[illegible] Division No. 10 F.B. 2633 Pg. 105
No. ____ Date ____ Date ____ Survey of GARBON MASA LANDSLIDE
X-Sec. Notes Chkd. HLV Checked ____ Survey by LIND Notes LIND Date 1-19-60
No. ____ Date 2-1-60 Date ____ Map No. ____ Indexed ____ C. John Date ____

F.B. 2633 Pg. 106

Job No. 0021.99V Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of CALROCK MESA LANDSLIDE AREA Date _____ Date _____ No. _____

Survey by C.H.D. Notes C.H.D. Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-298 CE 307 11-58

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700 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.

76L-298 CE 307 11-58

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE 1-28-60
B.M. CM #3	1 778	403 094		401 316	B.M. CM #3 FIELD ELEV = 401.316, PER F.B. 2363-15
E-1			2 371	400 723	
E-2			2 256	400 838	
G-2	1 466	402 105	2 455	400 639	
T.P.	1 601	392 084	11 622	390 483	
T.P.	1 968	383 336	10 716	381 368	
T.P.	0 668	372 280	11 724	371 612	
T.P.	2 416	364 037	10 659	361 621	
T.P.	0 558	353 247	11 348	352 689	
T.P.	2 508	344 784	10 971	342 276	
T.P.	0 902	334 101	11 585	333 199	
G-3	2 085	328 825	7 361	326 740	
T.P.	4 649	322 369	11 105	317 720	
D-1			3 305	319 064	
T.P.	2 190	313 475	11 084	311 285	
T.P.	1 082	303 417	11 140	302 335	
T.P.	2 828	294 688	11 557	291 860	
D-2			6 430	288 258	
T.P.	3 143	287 891	9 940	284 748	
E-3			0 348	287 543	
	1 745	281 552	8 084	279 807	

Profile Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 10 F.B. 2633 Pg. 107
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE AREA
X-Sec. Notes Chkd. ____ Checked ____ Survey by LINO Notes LINO Date 1-28-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson 2-9-60

76L-298 CE 307 11-58

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		281 552				
T.P.	2088	271 749	11 891	269 661		
T.P.	0 864	260 710	11 903	259 846		
T.P.	1 957	251 629	11 038	249 672		
T.P.	1113	241 483	11 259	240 370		
C-2			2425	239 058		
T.P.	0 987	231 154	11 316	230 167		
D-3			2 567	228 587		
T.P.	0 716	221 180	10 690	220 464		
T.P.	0 218	210 629	10 769	210 411		
T.P.	0 615	199 932	11 312	199 317		
C-3			4 230	195 702		
T.P.	0597	193 531	6 998	192 934		
T.P.	0 958	182 813	11 676	181 855		
T.P.	9324	180 988	11 149	171 664		
B-2	8 380	180 988	8 380	172 608		
T.P.	0 604	172 268	9 324	171 664		
T.P.	1 498	162 600	11 166	161 162		
T.P.	1 050	152 001	11 649	150 951		
T.P.	1 490	142 203	11 288	140 713		
T.P.	6 561	137 157	11 607	130 596		

F.B. 2633 Pg. 108

Job No. 0021.92 Division No. 10 Notes Red Plotted Profile

Survey of CARBON MESA LANDSLIDE AREA Date Date No. X-Sec.

Survey by LINO Notes LINO Notes Chkd. Checked

Indexed G. TODDSON Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		137 157				
B-3	3 690	137 157	3 690	133 467		
TP	1 091	131 687	6 561	130 596		
TP	1 423	121 291	11 819	119 868		
TP	0 635	110 505	11 421	109 870		
B-4			6 577	103 928		
T-P	1 104	99 702	11 907	98 598		
TP	0 698	88 884	11 516	88 186		
TP	3 412	80 583	11 713	77 171		
B-5			1 810	78 773		
T.P	0 848	70 005	11 426	69 157		
T.P.	0 947	59 520	11 432	58 573		
T.P.	1 181	48 940	11 761	47 759		
T.P.	0 389	37 475	11 854	37 086		
T.P.	0 439	26 086	11 828	25 647		
BM CM #1			11 807	14 279	BM C.M. #1 FIELD ELEV= 14.258 PER F.B. 2633-9	

Profile Notes Red ____ Plotted ____ Job No. 0021.98 Division No. 10 F.B. 2633 Pg. 109
No. ____ Date ____ Date ____ Survey of CARBON MESA LAND SLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 1-28-60
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] C. Johnson

F.B. 1633 Pg. 110 Job No. 002192 Division No. 10 Notes Red Plotted Profile

Survey of CARBON MESA LAHOS LINE Date Date No.

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

Indexed Date Date Date No.

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

76L-296 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE 2-4-60
BMCM #3	2129	403 445		401 316	B.M. C.M. #3 FIELD ELEV. = 401.316, FB 2633-15
E-1	1251	401 987	2709	400 736	
E-2			1141	400 846	
G-2			1320	400 667	
T.P.	0685	391 625	11047	390940	
T.P.	0706	381 200	11131	380494	
T.P.	0444	370 862	10782	370418	
T.P.	0429	360 298	10993	359869	
T.P.	0606	351 812	10912	351 206	
T.P.	0330	341 737	10405	341 407	
T.P.	1207	331 268	11676	330 061	
G-3			4532	326736	
T.P.	0580	321 486	10362	320906	
D-1			2411	319075	
T.P.	0397	310 799	11084	310 402	
T.P.	0804	301 492	10111	300688	
T.P.	2214	293 081	10625	290867	
E-3			5522	287559	
D-2			4809	288272	
T.P.	0469	282 416	11134	281947	
T.P.	0640	271 919	11177	271279	

Profile Notes Red _____ Plotted _____ Job No. 0021.82 Division No. 10 F.B. 2633 Pg. 111
No. _____ Date _____ Date _____ Survey of CARBON MESA LANDSLIDE AREA
X-Sec. _____ Notes Chkd. 2-24-60 Checked MKd Survey by KING Notes KING Date 2-4-60
No. _____ Date _____ Date _____ Map No. _____ Index _____ C. Johnson Date 2-10-60

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STATION	B.S.	H.I.	F.S.	ELEV.		
		271 919				
T.P.	1467	262 405	10 981	260 938		
T.P.	0358	252 160	10 603	251 802		
T.P.	0 450	242 357	10253	241 907		
C-2			3299	239 058		
T.P.	0682	231 879	11 160	231 197		
D-3	[illegible]		3278	228 601		
T.P.	0281	221 581	10 579	221 300		
T.P.	0244	211 081	10744	210 837		
T.P.	0 412	200 699	10 794	200 287		
C-3			4980	195 719		
T.P.	0589	189 804	11484	189215		
T.P.	0810	179 139	11475	178329		
B-2			6540	172599		
T-P	0931	168 578	11 492	167 647		
T.P.	0788	158 428	10 938	157640		
T.P.	0600	147 957	11 071	147357		
T.P.	0891	138 076	10 772	137 185		
T.P.	9929	136 905	11 100	126 976		
B-3	3 442	136 905	3442	133463		
T.P.	0925	127 901	9929	126976		

F.B. 2677 Pg. 112

Job No. 0021199 Division No. 10 Notes Red Plotted Profile

Survey of Sanbon Mesa Lino Slide Area Date Date No. X-Sec.

Survey by Lino Notes Lino Notes Chkd. Checked

Indexed K. C. Johnson Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		127 901				
T.P.	0238	120 102	8 037	119 864		
T.P.	0386	110 251	10 237	109 865		
B-4			6329	103 922		
T.P.	0655	99 251	11 655	98 596		
T.P.	0499	88 680	11 070	88 151		
T.P.	3286	80 450	11 516	77 164		
B-5			1689	78 761		
T.P.	0641	69 789	11 302	69 148		
T.P.	0961	59 523	11 227	58 562		
T.P.	1222	48 972	11 773	47 750		
T.P.	0587	37 660	11 899	37 073		
T.P.	1233	27 222	11 671	25 989		
T.P.	8039	25 180	10 081	17 141		
BM CM #1			10 918	14 262	BM CM #1, FIELD EL. = 14.258, F.B. 2637-9	

Profile Notes Red ____ Plotted ____ Job No. 0021.98 Division No. 10 F.B. 2637 Pg. 113
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE, AREA
X-Sec. Notes Chkd 2-29-60 Checked [illegible] Survey by [illegible] Notes [illegible] Date 2-4-60
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] C. Johnson

F.B. 2633 Pg. 114

Job No. 0021.92 Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of CARBON MESA LANDSLIDE AREA Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE AREA 3-11-60
BM CM# 3	1 830	403 140		401 316	BM CM #3, EL= 401.316 F.B. 2633-15
E-1	0 905	401 641	2 410	400 736	
E-2			0 789	400 852	
G-2			0 993	400 648	
T.P.	1 037	391 983	10 695	390 946	
T.P.	1 462	381 952	11 493	380 490	
T.P.	0 587	370 987	11 552	370 400	
T.P.	0 291	360 130	11 142	359 845	
T.P.	0 442	351 622	8 952	351 194	
T.P.	0 292	341 681	10 237	341 389	
T.P.	1 002	331 044	11 637	330 044	
G-3			4 330	326 710	
T.P.	1 122	322 008	10 160	320 886	
D-1			2 949	319 059	
T.P.	0 944	311 332	11 620	310 388	
T.P.	1 506	302 170	10 668	300 664	
T.P.	1 090	292 946	10 314	291 856	
F-3			5 405	287 541	
D-2			4 696	288 250	
T.P.	0 357	382 283	11 020	281 926	
	0 691	271 952	11 022	271 261	

Profile Notes Red ____ Plotted ____ Job No. 0021-92 Division No. 10 F.B. 2633 Pg. 115
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE AREA
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 3-11-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson 3-18-60

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.
		271 952		
T.P.	1 300	262 218	11 034	260 918
T.P.	1 022	251 740	11 500	250 718
T.P.	3 166	243 905	11 001	240 739
C-2			4 850	239 055
T.P.	1 090	233 625	11 370	232 535
D-3			5 048	228 577
T.P.	0 356	223 122	10 859	222 766
T.P.	0 619	211 801	11 940	211 182
T.P.	0 375	200 650	11 526	200 275
C-3			4 929	195 721
T.P.	0 890	190 047	11 493	189 157
T.P.	0 668	178 981	11 734	178 313
B-2			6 392	172 589
T.P.	0 277	168 935	10 323	168 658
T.P.	1 213	158 847	11 301	157 634
T.P.	0 736	148 084	11 499	147 348
T.P.	0 924	138 109	10 899	137 185
T.P.	10 068	137 039	11 138	126 971
B-3	3 570	137 039	3 570	133 469
TP	1264	128 235	10 068	126 971

F.B. 2633 Pg. 116

Job No. 00.41.92 Division No. 10 Notes Red Plotted Profile

Survey of CARBON MESA LANDSLIDE FORM Date Date No. X-Sec.

Survey by LINO Notes LINO Notes Chkd. Checked

Indexed K. C. Johnson Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		128 235				
T.P.	1235	121 094	8376	119 859		
TP	0629	110 482	11 241	109 853		
B-4			6567	103 915		
T.P.	0819	99 423	11 878	98 604		
T.P.	0731	88 916	11 238	88 185		
T.P.	2820	79 987	11 749	77 167		
B-5			1228	78 759		
T.P.	0744	69 896	10 835	69 152		
T.P.	0738	59 316	11 324	58 572		
T.P.	1211	48 970	11 551	47 759		
T.P.	0860	37 938	11 892	37 078		
T.P.	0586	26 589	11 935	26 003		
T.P.	7774	24 921	9 442	17 147		
BM CM #1			10650	14 271	BM C.M # 1, EL = 14.258, FB 2633-9	

Profile Notes Red ____ Plotted ____ Job No. 002192 Division No. 10 F.B. 2633 Pg. 117
No. ____ Date ____ Date ____ Survey of CAR BOX MESA LANDSCAPE AREA
X-Sec. Notes Chkd. ____ Checked ____ Survey by LINO Notes LINO Date 3-11-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F. B. 2633 Pg. 118

Job No. 0021.92 Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of CARSON MESA LAND SLIP Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-298 CE 307 11-59

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE 5-25-60	
B.M.C.M.#3	2 661	403977		401 316	CARBON MESA #3	ELEV. = 401.316
E-1			3 230	400 747		
E-2			3 148	400 829		
G-2			3 345	400 632		
T.P.	0 763	393700	11 040	392937		
"	1 248	383299	11 649	382051		
"	0 637	373295	10 641	372658		
"	0 638	362261	11 672	361623		
"	0 432	353015	9 678	352583		
"	3 456	345393	11 078	341937		
"	1 227	334971	11 649	333744		
"	5 405	331 864	8 512	326459		
G-3			5 201	326663		
T.P.	1 381	322205	11 040	320824		
D-1			3 161	319044		
T.P.	0 777	311 090	11 892	310313		
"	0 561	301 151	10 500	300590		
"	1 440	292 213	10 378	290773		
D-2			4 060	288 153		
E-3			4 720	287493		
T.P.			10 595	281 618		

Profile Notes Red. Plotted Job No. 002192 Division No. 10 F. B. 2633 Pg. 119
No. Date Date Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Chkd. NLV Checked Survey by LIND Notes GOODWIN Date 5-25-60
No. Date 6-3-60 Date Map No. Indexed R. C. Johnson 6-3-60

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	0 230	281 848		281 618		
"	0 683	271 891	10 640	271 [illegible]		
"	1 790	262 790	10 891	261 [illegible]		
"	3 034	253 [illegible]	11 917	250 [illegible]		
"	0 389	244 366	9 930	243 977		
C-2			5 410	[illegible]		
T.P.	0 197	233 441	11 122	[illegible]		
D-3			4 919	[illegible]		
T.P.	1 700	223 735	11 406	222 035		
"	0 818	212 889	11 664	212 071		
"	1 125	203 256	10 758	202 131		
C-3			7 601	195 655		
T.P.	0 340	192 564	11 032	192 224		
"	0 428	182 169	10 823	181 741		
B-2			9 610	172 559		
T.P.	0 519	171 256	11 432	170 737		
"	3 078	164 072	10 262	160 994		
"	0 998	158 567	6 503	157 569		
"	1 400	148 677	11 290	147 277		
"	1 356		11 530	137 147		

F. B. 2633 Pg. 120 Job No. 0021.92 Division No. 10 Notes Red. Plotted Profile
Survey of CARBON MESA L.S. Date Date No. X-Sec.
Survey by LIND Notes J.C. GOODWIN Notes Chkd. Checked No.
Index K. C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.		138 503		137 147		
"	8 800	136 401	10 902	127 601	* BEGIN SIDE LINE	
"	4 978	138 111	3 268	133 133		
B-3	0 785	134 221	4 675	133 436	* END SIDE LINE	
T.P.	0 785	128 386		127 601		
"	1 284	121 103	8 567	119 819		
"	1 078	110 878	11 303	109 800		
B-4			7 056	103 822		
T.P.	1 329	100 878	11 329	99 549		
"	1 065	90 536	11 407	89 471		
"	0 416	81 152	9 100	80 73[illegible]		
"	6 130	80 878	6 404	74 74[illegible]	BEGIN SIDE LINE	
B-5			2 170	78 708	END " "	
T.P.	1 335	76 083		74 748		
"	0 545	64 615	12 013	64 070		
"	1 361	54 813	11 163	53 452		
"	0 591	44 319	11 085	43 728		
			11 635	32 684		

Profile Notes Red. ____ Plotted ____ Job No. 0021 42 Division No. 10 F. B. 2633 Pg. 121
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes GOODWIN Date 5-25-60
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] Job name

F. B. 2633 Pg. 122

Job No. 002192 Division No. 10 Notes Red. Plotted Profile

Survey of CARBON MESA. L.S. Date Date No.

Survey by LIND Notes J.C. GOODWIN Notes Chkd. Checked X-Sec.

Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	0 819	33 503		32 684		
"	1 376	23 578	11 301	22 202		
B.M. C.M. 1			9 [illegible]	14 [illegible]	CARBON MESA #1	ELEV. = 14.258
						14.244
						.014

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE 8-8-60	
B.M. C.M. #3	1 902	403 218		401 316	B.M. C.M. #3 EL. = 401.316 PER PG. 15	
E-1			2 468	400 750		
E-2			2 391	400 827		
G-2	1 045	401 677	2 586	400 632		
T.P.	1 842	392 774	10 745	390 932		
T.P.	1 248	383 295	10 727	382 047		
T.P.	3 642	377 002	9 435	373 360		
T.P.	2 710	368 297	11 415	365 587		
T.P.	0 965	357 581	11 681	356 616		
T.P.	2 197	348 150	11 628	345 953		
T.P.	1 481	338 035	11 596	336 554		
G-3	2 088	328 691	11 432	326 603		
T.P.	3 927	321 732	10 886	317 805		
D-1			2 702	319 030		
T.P.	1 585	312 745	10 572	311 160		
T.P.	1 903	303 533	11 115	301 630		
T.P.	1 023	293 151	11 405	292 128		
E-3			5 662	287 489		
D-2	~~11 577~~		5 015	288 136		
T.P.	0 602	282 178	11 575	281 576		
T.P.	0 683	271 876	10 985	271 193		

Profile Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes W.W.K.S. Date 8-8-60
No. ____ Date ____ Date ____ Map No. ____ Indexed W. E. Ott Date AUG 15 '60

F.B. 2633 Pg. 123

76L-298 CE 307 11-56

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F.B. 2633 Pg. 124 Job No. 002192 Division No. 11 Notes Red Plotted Profile
Survey of C.M. LANDSLIDE Date Date No.
Survey by C.K. LIND Notes WILKS Notes Chkd. Checked X-Sec.
Indexed H. E. OH Date Date Date No.

STATION	B. S.	H. I.	F S.	ELEV
T. P.		271 876		
T. P.	1 790	262 775	10 891	260 985
T. P.	3 034	253 892	11 917	250 858
T. P.	0 389	244 351	9 930	243 962
C - 2			5 410	238 941
T. P.	0 197	233 426	11 122	233 229
D - 3	3 422	231 929	4 919	228 507
T. P.	0 226	221 415	10 740	221 189
T. P.	0 549	211 260	10 704	210 711
T. P.	0 259	200 422	11 097	200 163
C - 3			4 766	195 656
T. P.	0 458	184 467	11 413	184 009
T. P.	0 648	178 874	11 241	178 226
B - 2			6 304	172 570
T. P.	0 661	168 593	10 942	167 932
T. P.	0 889	158 425	11 059	157 534
T. P.	1 238	148 477	11 184	147 239
T. P.	0 852	137 989	11 340	137 137
T. P.	10 062	136 119	11 932	126 057
B - 3	2 683	136 119	2 683	133 436
T. P	1 342	127 399	10 062	126 057

76L-298 CE 307 11-58

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE 8-8-60
~~T.P.~~		127 399			
T.P.	0 769	116 600	11 568	115 831	
T.P.	1 224	106 167	11 657	104 943	
B-4			2372	103 795	
T.P.	0 475	95 088	11 554	94 613	
T.P.	0 513	84 278	11 323	83 765	
T.P.	6 682	80 314	10 646	73 632	
B-5	1 605	80 314	1 605	78 709	
T.P.	1 014	74 646	6 682	73 632	
T.P.	0 716	63 984	11 376	63 270	
T.P.	0 378	53 218	11 146	52 840	
T.P.	0 745	42 581	11 382	41 836	
T.P.	0 276	31 878	10 979	31 602	
T.P.	0 904	22 257	10 525	21 353	
BM CM#1			8 024	14 233	B.M. C.M. #1 EL = 14.259 F.B. 2633-9

Profile Notes Red Plotted Job No. 0021.12 Division No. 11
No. X-Sec. Date Date Survey of CARBON MESA LANDSLIDE
No. Notes Chkd. Checked Survey by C.K. LIND Notes WILKS Date 8-8-60
Date Date Map No. Indexed N. E. OTT Date AUG 15 '60

F.B. 2633 Pg. 125

F.B. 2633 Pg. 126 Job No. 0021.92 Division No. 11 Notes Red Plotted Profile

Survey of LAUREL MESA LANDSLIDE Date Date No.

Survey by LIDO Notes WIENS Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-296 CE 307 11-58

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE 9-16-60	
C.M. # 3	1608	402 924		401 316	C.M. # 3 EL=	401.316 F.B. 2633-15
E-2			2100	400 824		
G-2			2291	400 633		
E-1	0520	401 266	2178	400 746		
T.P.	0402	390 481	11 187	390 079		
T.P.	0452	380 920	10 013	380 468		
T.P.	0329	370 586	10 663	370 257		
T.P.	0420	360 096	10 910	359 676		
T.P.	0698	351 710	9 084	351 012		
T.P.	0650	341 870	10 490	341 220		
T.P.	0762	330 658	11 974	329 896		
G-3			4089	326 569		
T.P.	1375	322 103	9 930	320 728		
D-1			3072	319 031		
T.P.	0336	310 585	11 854	310 249		
T.P.	0455	300 993	10 047	300 538		
T.P.	0677	292 785	8 885	292 108		
E-3			5302	287 483		
D-2			4664	288 121		
T.P.	0355	281 377	11 763	281 022		
T.P.	0268	271 443	10 202	271 175		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 2633 Pg. 127
X-Sec. No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE AREA
Notes Chkd. HEV Checked ____ Survey by LIND Notes LIND Date 9-16-60
Date 10-6-60 Date ____ Map No. ____ Indexed H. E. OM Date SEP 22 60

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F S.	ELEV		
		271 443				
T.P.	0578	261 558	10 463	260 980		
T.P.	0590	251 440	10 708	250 850		
T.P.	1255	242 234	10 461	240 979		
C-2			3250	238 984		
T.P.	0690	232 816	10 108	232 126		
D-3			4302	228 514		
T.P.	0848	222 810	10 854	221 962		
T.P.	0452	212 490	10 772	212 038		
T.P.	0507	201 594	11 403	201 087		
E-3			5927	195 667		
T.P.	0264	191 201	10 657	190 937		
T.P.	0526	182 239	9488	181 713		
B-2			9 636	172 603		
T.P.	0248	171 174	11 313	170 926		
T.P.	0643	161 506	10 311	160 863		
T.P.	2615	154 345	9776	151 730		
T.P.	0843	148 090	7098	147 247		
T.P.	0720	137 879	10 931	137 159		
T.P.	9580	135 659	11 800	126 079		
B-3	2198	135 659	2198	133 461		

F.B. 2633 Pg. 128

Job No. 0021.92 Division No. 11 Notes Red Plotted Profile

Survey of CARBON MESA - CAMBLINE Date Date No.

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

Indexed H. E. OD Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE	
		135 659				
T.P.	0389	126 468	9 580	126 079		
T.P.	1190	116 349	11 309	115159		
T.P.	0742	105 698	11 393	104 956		
B-4			1 889	103 809		
T.P.	0553	95 190	11 061	94 637		
T.P.	0635	84 424	11 401	83 789		
TP	8 008	81 665	10 767	73 657		
B-5	2 941	81 665	2 941	78 724		
T.P.	0 347	74 004	8 008	73 657		
T.P.	0932	64 228	10 708	63 296		
T.P.	0 989	53 854	11 363	52 865		
T.P.	0 907	44 500	10 261	43 593		
T.P.	0 645	33 607	11 538	32 962		
T.P.	0324	26 313	7 618	25 989		
BM CM #1			12 050	14 263	BM CM #1 EL=	14.258 FB. 2633-9
						14.263
						-.005

Profile Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 2633 Pg. 129
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Chkd. HLJ Checked ____ Survey by LINO Notes LINO Date 9-16-60
No. ____ Date 10-6-60 Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 7633 Pg. 130

Job No. 0021.92 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of CARBON MESA LANDSLIDE Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

78L-298 CE 307 11-58

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10-3-60

STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE AREA
BM CM # 3	1991	403 307		401 316	BM CM # 1, EL = 401.316, PER F.B. 2633-15
E-1	0609	401 349	2567	400 740	
E-2			0534	400 815	
G-2			0727	400 622	
T.P.	0758	391 677	10 430	390 919	
T.P.	0254	381 584	10347	381 330	
T.P.	0457	370 691	11350	370234	
T.P.	0233	359 887	11 037	359 654	
T.P.	0327	351 316	8898	350 989	
T.P.	2274	343 437	10 153	341 163	
T.P.	2 122	333 923	11 636	331 801	
G-3	1565	328 117	7371	326 552	
T.P.	1850	322 551	7 416	320 701	
D-1			3540	319 011	
T.P.	1720	312 821	11 450	311 101	
T.P.	1 445	303 026	11 240	301 581	
T.P.	1077	292658	11 445	291 581	
E-3			5220	287438	
D-2			4570	288 088	
T.P.	0855	281 856	11 657	281 001	
T.P.	0 586	271 742	10 700	271 156	

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 002192 Division No. 11 Survey of CARBON MESA LANDSLIDE AREA Survey by LINN Notes LINN Date 10-3-60 Map No. Indexed H. E. OTT Date [illegible]

F.B. 2633 Pg. 131

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV		
		271 742				
T.P.	1253	262 214	10781	260961		
T.P.	1380	252 209	11385	250829		
T.P.	1838	242 797	11250	240959		
C-2			3830	238967		
T.P.	0843	232 947	10693	232104		
D-3			4452	228495		
T.P.	1020	222 187	11780	221167		
T.P.	0370	211 048	11569	210678		
T.P.	0848	201 909	9987	201061		
C-3			6268	195641		
T.P.	0630	191 541	10998	190911		
T.P.	0868	182 554	9855	181686		
B-2			9970	172584		
T.P.	0722	172 516	10760	171794		
T.P.	0740	162 290	10966	161550		
T.P.	0690	152 385	10595	151695		
T.P.	1066	141 618	11833	140552		
	6248	136 808	11058	130560		
B-3	3373	136 808	3373	133435		
	0363	130 923	6248	130560		

F.B. 2633 Pg. 132
Job No. 0021.92 Division No. 11 Notes Red Date Plotted Date Profile
Survey of CARBON MESA LANDSLIDE Date Notes Chkd. Checked Date No. X-Sec.
Survey by LIND Notes LIND Date No.
Indexed E. E. OH

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE
		130 923			
T.P.	0697	120 492	11128	119795	
T.P.	0885	110 658	10719	109773	
B-4			6882	103776	
T.P.	0477	99367	11768	98890	
T.P.	0665	88780	11252	88115	
B-5			10090	78690	
T.P.	0178	77176	11782	76998	
T.P.	0727	69823	8080	69096	
T.P.	1044	59570	11297	58526	
T.P.	0777	48479	11868	47702	
T.P.	0700	38066	11113	37366	
T.P.	0611	26857	11820	26246	
T.P.	4422	22434	8845	18012	
BM CM #1			8213	14.221	BM CM #1 EL= 14.258 PER F.B. 2633-9

Profile No. ____ Notes Red ____ Plotted ____ Job No. 002192 Division No. 11 F.B. 2633 Pg. 133
X-Sec. No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by LINO Notes LINO Date 10-3-60
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2633 Pg. 134 Job No. 0021.92 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of CARLSON MESA LANDSLIDE Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE 10-19-60
B.M. CM# 3	2268	403 584		401 316	BM CM # 3 EL= 401.316 FB 2633-15
E-1	0390	401 140	2840	400 744	
E-2			0321	400 819	
G-2			0515	400 625	
T.P.	0614	391 539	10 215	390 925	
T.P.	0398	382 644	9293	382 246	
T.P.	0380	371 608	11 416	371 228	
T.P.	0318	360 963	10 963	360 645	
T.P.	0772	352 107	9628	351 335	
T.P.	1110	343 300	9917	342 190	
T.P.	1408	334 198	10 510	332 790	
T.P.	2733	329 488	7098	327 100	
G-3			2941	326 547	
T.P.	0496	321 192	8792	320 692	
D-1			2175	319 017	
T.P.	0292	310 514	10 970	310 222	
T.P.	0542	302 125	8 931	301 583	
T.P.	1305	292 692	10 738	291 387	
E-3			5230	287 462	
D-2			4600	288 092	
T.P.			11 688	281 004	

Profile Notes Red ____ Plotted ____ Job No. 0021-92 Division No. 11 F. B. 2633 Pg. 135
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LINO Notes LINO Date 10-19-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date [illegible]

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LAND SLIDE 10-19-60
T.P.	1023	282 027		281 004	
T.P.	0622	271 783	10 866	271 161	
T.P.	0393	261 355	10 821	260962	
T.P.	0882	251 175	11 062	250293	
T.P.	0517	241 485	10 212	240963	
C-#2			2 495	238985	
T.P.	0796	232 902	9 374	232 106	
D-#3			4 405	228497	
T.P.	0615	221 773	11 742	221 160	
T.P.	0493	211 163	11 103	210670	
T.P.	0267	201 322	10 108	201055	
C-#3			5678	195644	
T.P.	0202	191 110	10 414	190908	
T.P.	0607	182 289	9 428	181682	
B-#2			9710	172579	
T.P.	0170	171 960	10 499	171 790	
T.P.	0481	162 034	10 407	161553	
T.P.	0512	152 209	10 337	151 697	
T.P.	0513	141 064	11 658	140551	
T.P.	6415	136 979	10 500	130564	
B-#3			3 542	133437	

F. B. 2633 Pg. 136
Job No. 0021.92 Division No. 11 Notes Red. Plotted Profile
Survey of CARBON MESA LANDSLIDE Date Date No. X-Sec.
Survey by LIND Notes O'HASHI Notes Chkd. Checked No.
Indexed H. E. OTT Date Date Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE 10-19-60
B-#3	3542	136979	-	133437	
T.P.	1211	131775	6415	130564	
T.P.	0750	120545	11980	119795	
T.P.	0897	110670	10772	109773	
B-#4			6894	103776	
T.P.	0310	99200	11780	98890	
T.P.	0273	88391	11082	88118	
B-5.			9683	78708	
T.P.	0598	78259	10730	77661	
T.P.	0517	69829	8947	69312	
T.P.	0673	59417	11085	58744	
T.P.	0565	48488	11494	47923	
T.P.	0450	38029	10909	37579	
T.P.	0436	26602	11863	26166	
T.P.	5700	23002	9300	17302	
BM. CM.#1			8764	14238	BM. CM# 1 EL= 14.258 F.B. 2633-9

Profile Notes Red. Plotted Job No. 0021.42 Division No. 11 F. B. 2633 Pg. 137
No. Date Date Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by LINA Notes ONWHL Date 10-18-60
No. Date Date Map No. Indexed H. E. OD Date

F. B. 2633 Pg. 78 Job No. 002192 Division No. 11 Notes Red Plotted Profile

Survey of CARBON MESA LANDSLIDE Date Date No.

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

Indexed Date Date Date No.

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

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE AREA 10-31-60
BM CM #3	2059	403375		401.316	BM CM No 3, EL = 401.316, FB 2633-15
E-1	0905	401650	2630	400745	
E-2			0821	400829	
G-2			1021	400629	
T.P.	0543	391470	10723	390927	
T.P.	1434	382679	10225	381245	
T.P.	0296	373583	9392	373287	
T.P.	0173	363093	10663	362920	
T.P.	0877	352166	11804	351289	
T.P.	2337	343519	10984	341182	
T.P.	0672	332461	11730	331789	
G-3	1790	328336	5915	326546	
T.P.	0316	321012	7640	320696	
D-1			1995	319017	
T.P.	0202	310424	10790	310222	
T.P.	1156	301672	9908	300516	
T.P.	1504	293089	10087	291585	
E-3			5627	287462	
D-2			5002	288087	
TP	1403	282993	11499	281590	
T.P.			11832	271161	

Profile Notes Red. ____ Plotted ____ Job No. 0021.92 Division No. 11 F. B. 2633 Pg. 134
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE AREA
X-Sec. Notes Chkd. ____ Checked ____ Survey by LINO Notes LINO Date 10-31-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date NOV 2 60

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE AREA
T.P.	0879	272 040		271 161	
T.P.	1140	262 105	11 075	260 965	
T.P.	0160	250 998	11 267	250 838	
T.P.	0723	241 698	10 023	240 975	
C-2			2730	238 968	
TP	0950	233 072	9 576	232 122	
D-3			4558	228 514	
T.P.	0340	221 514	11 898	221 174	
T.P.	0734	211 416	10 832	210 682	
T.P.	0 648	200 751	11 313	200 103	
C-3			5 094	195 657	
T.P.	0805	191 726	9830	190 921	
T.P.	0888	182 589	10 025	181 701	
B-2			10 001	172 588	
T-P.	0955	172 638	10 906	171 683	
T.P.	1119	162 708	11 049	161 559	
T.P.	0600	152 316	10 992	151 716	
T.P.	1332	141 906	11 742	140 574	
T.P.	6467	137 055	11 318	130 588	
B-3	3592	137 055	3 592	133 463	
T.P.	1290	131 878	6 467	130 588	

F. B. 2633 PG. 140
Job No. 0021.92 Division No. 11 Notes Red. Plotted Profile
Survey of CARBON MESA LANDSLIDE AREA Date Date No. X-Sec.
Survey by LINO Notes LINO Notes Chkd. Checked Date No.
Indexed H. E. OFF Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE AREA
		131 873			
T.P.	1271	121 198	11951	119 927	
T.P.	1224	111 014	11408	109 790	
B-4			7221	103 793	
T.P.	1290	100 425	11899	99115	
T.P.	0412	89 263	11554	88851	
B-5			10551	78 712	
T.P.	1324	79 819	10768	78495	
T.P.	1108	70 232	10695	69 124	
T.P.	0998	60 498	10732	59 500	
T.P.	1038	50 842	10694	49804	
T.P.	1158	42 004	9996	40 846	
T.P.	0700	32 144	10560	31 444	
T.P.	1242	22 166	11220	20 924	
BM CM#1			7922	14 244	B.M. C.M. No 1, EL=14.258, F.B. 2633-9

Profile Notes Red. Plotted Job No. 00292 Division No. 11 F. B. 2633 Pg. 141
No. Date Date Survey of CARBON MESA LANDSLIDE AREA
X-Sec. Notes Chkd. Checked Survey by LIND Notes LIND Date 10-31-60
No. Date Date Map No. Indexed H. E. OTT Date NOV 2 '60

F. B. 1633 Pg. 142 0021.92

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

Survey of CARSON MESA LANDSLIDE AREA Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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761-298 S & E #307—1-56

76L-298 S & E #307—1-56

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11-15-60

STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE AREA
BM CM #3	2611	403 927		401 316	CM #3, EL: 401.316, F.B. 2633-15
E-1	0733	401 478	3132	400745	
E-2			0659	400 819	
G-2			0853	400 625	
T.P.	0740	391 664	10554	390924	
T.P.	0569	382 605	9628	382 036	
T.P.	0264	371 667	11202	371 403	
T.P.	0327	361 788	10206	361 461	
T.P.	0219	350 538	11469	350319	
T.P.	1274	342 432	9380	341 158	
T.P.	3452	335 239	10645	331 787	
T.P.	3434	330 298	8375	326864	
G-3			3770	326 528	
T.P.	0773	321 451	9620	320 678	
D-1			2442	319 009	
T.P.	0289	310 492	11248	310203	
T.P.	0403	300 898	9997	300 495	
T.P.	0832	292 402	9328	291 570	
E-3			4951	287451	
D-2			4326	288 076	
T.P.	1348	282 924	10826	281 576	

Profile Notes Red ____ Plotted ____ Job No. 0021.02 Division No. 11 F. B. 2633 Pg. 143
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE AREA
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 11-15-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. CITY Date NOV 1 1960

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE
		282 924			
T.P.	0300	271 446	11 778	271 146	1X2
T.P.	0974	261 926	10 494	260 952	"
T.P.	0272	252 694	9 504	252 422	"
T.P.	0371	241 328	11 737	240 957	"
C-2			2 360	238 968	C-2 3/4" I.P. Plug & tag
T.P.	0609	232 709	9 228	232100	1X2
D-3			4 225	228484	D-3 a C.S. Mon flush
T.P.	0521	221 674	11 556	221 153	1X2 nail & red flag @ road edge
T.P.	0263	210 921	11 016	210 658	1X2
T.P.	0348	201 406	9863	201058	"
C-3			5766	195 640	C-3 2" I.P. & Brass Cap. Flush
T.P.	0809	191 725	10 490	190 916	1X2
T.P.	0843	182 523	10 045	181 680	1X2
B-2			9940	172 583	B-2 2" I.P. & Brass Cap Flush
T.P.	0198	171 866	10 855	171 668	1X2
T.P.	0314	161 774	10 406	161 460	1X2
T.P.	0758	152 462	10 070	151 704	Spk & Tin
T.P.	0679	141 242	11 899	140 563	" "
T.P.	6742	137 309	10675	130 567	" "
B-3	3871	137 309	3 871	133 438	

F. B. 2633 Pg. 144 Job No. 0021.92 Division No. 11 Notes Red. Plotted Profile
Survey of CARBON MESA LANDSLIDE Date Date No. X-Sec.
Survey by LINO Notes LINO Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA	LANDSLIDE
		137309				
T.P.	0398	130965	6742	130567	Spk & Tin	
T.P.	1439	121233	11171	119794	" "	
T.P.	1113	110886	11460	109773		
B-4			7107	103779		
T.P.	0917	99809	11994	98892		
T.P.	0608	88734	11683	88126		
B-5			10025	78709		
T.P.	0524	77979	11279	77455		
T.P.	0708	68065	10622	67357		
T.P.	1353	59892	9526	58539		
T.P.	1339	50716	10515	49377		
T.P.	0833	40860	10689	40027		
T.P.	1084	30315	11629	29231		
T.P.	0518	22096	8737	21579		
BMCM#1			7863	14233	BM CM#1, EL= 14.258, FB. 2633-9	

Profile Notes Red. ____ Plotted ____ Job No. 002192 Division No. 11 F. B. 2633 Pg. 145
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIHQ Notes LIHQ Date 11-15-60
No. ____ Date ____ Date ____ Map No. ____ Indexed S. E. Ott Date ____

F. B. 2633 Pg. 14 Job No. 002192 Division No. 10 Notes Red. Plotted Profile

Survey of CARBON MESA LANDSLIDE Date Date No.

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

Indexed Date Date Date No.

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

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Profile No.____ Notes Red.____ Plotted____ Job No. 00292 Division No. 11 F. B. 2633 Pg. 147
X-Sec. No.____ Date____ Date____ Survey of CARBON MESA LANDSLIDE
Notes Chkd.____ Date____ Checked____ Date____ Survey by LIND Notes WILKS Date 12-9-60
Map No.____ Indexed H. E. OTT Date 1-5-61

STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE 12-9-60
B.M. — C.M. #3	1 812	403 128		401 316	B.M. — C.M. #3 EL. = 401.316 PER F.B. 2633-15
E-1	0 837	401 596	2 369	400 759	2" I.P. & CAP
E-2			0 762	400 834	3/4" I.P
G-2			0 954	400 642	3/4" I.P
T.P.	0 727	391 668	10 655	390 941	1X2
T.P.	0 578	381 843	10 403	381 265	1X2
T.P.	0 203	370 421	11 625	370 218	1X2
T.P.	0 398	360 024	10 795	359 626	1X2
T.P.	0 400	349 042	11 382	348 642	1X2
T.P.	0 415	338 298	11 159	337 883	1X2
G-3	1 133	327 663	11 768	326 530	3/4" I.P.
T.P.	5 459	322 154	10 968	316 695	1X2 begin sideline
D-1			3 141	319 013	3/4" I.P. end sideline
T.P.	0 778	317 473		316 695	1X2
T.P.	0 750	307 040	11 183	306 290	1X2
T.P.	0 752	296 793	10 999	296 041	1X2
E-3			9 340	287 453	2" I.P. & CAP
D-2			8 730	288 063	" " "
T.P.	0733	286 202	11 324	285 469	1X2
T.P.	0 457	276 249	10 410	275 792	1X2
T.P.	2657	267 689	11 217	265 032	1X2

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE 12-9-60
		267 689			
T.P.	1044	257 401	11 332	256 357	1X2
T.P.	0395	246 394	11 402	245 999	1X2
C-2			7420	238 974	1" H.P.
T.P.	1293	237 129	10 558	235 836	1X2
D-3	1837	230 328	8638	228 491	C.S. MON
T.P.	0671	221 830	9169	221 159	1X2
T.P.	0619	211 278	11 171	210 659	1X2
T.P.	0485	200 591	11 172	200 106	1X2
C-3			4941	195 650	C.S. MON
T.P.	0748	189 722	11 617	188 974	1X2
T.P.	0856	179 051	11527	178 195	1X2
B-2			6466	172 585	2" H.P.
T.P.	0851	169 352	10 550	168 501	1X2
T.P.	0978	158 491	11839	157 513	SPK
T.P.	0786	148 017	11260	147 231	SPK
T.P.	0827	137 961	10 883	137 134	SPK
T.P.	6398	136 971	7388	130 573	SPK
B-3	3527	136 971	3527	133 444	1" H.P.
T.P.	0968	131 541	6398	130 573	SPK
T.P.	0848	121 597	10 798	120 743	SPK

F. B. 2633 Pg. 148 Job No. 0021.92 Division No. 11 Notes Red ____ Date ____ Plotted ____ Date ____ Profile ____ No. ____
Survey of C.M. LANDSLIDE Notes WILKS Notes Chkd ____ Date ____ Checked ____ Date ____ X-Sec. ____ No. ____
Survey by LIND Date ____
Indexed H. E. OTT

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE	
		121 ~~593~~ 591				
T.P.	0815	110 ~~590~~ 588	11818	109 77~~4~~3	1X2	
B-4			6805	103 75~~8~~3	1" IP	
T.P.	0740	99 ~~641~~ 639	11689	98 ~~901~~ 899	SPK	
T.P.	0947	89 07~~8~~6	11510	88 ~~131~~ 129	SPK	
B-5			10368	78 ~~710~~ 708	1" IP	
T.P.	0727	77 ~~868~~ 866	11937	77 ~~141~~ 139	SPK	
T.P.	0943	68 11~~9~~7	10692	67 ~~170~~ 174	SPK.	
T.P.	0787	59 33~~5~~3	9571	58 54~~8~~6	SPK.	
T.P.	1017	48 74~~4~~2	11608	47 72~~7~~5	SPK	
T.P.	1012	38 04~~3~~1	11713	37 ~~031~~ 029	SPK.	
T.P.	0654	26 91~~9~~7	11778	26 26~~5~~3	SPK.	
T.P.	2402	21 ~~610~~ 608	7711	19 20~~8~~6	SPK	
B.M. CM#1			7367	14 24~~3~~1	BT SPK & LEAD IN CURB	EL= 14.258

.017

Profile Notes Red. Plotted Job No. 0021.92 Division No. 11 F. B. 2633 Pg. 149
No. Date Date Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by LIND Notes LIND Date 12-9-60
No. Date Date Map No. Indexed H. E. OIL Date

F. B. 2633 Pg. 150 Job No. 0021.92 Division No. 11 Notes Red Plotted Profile

Survey of C.M. LANDSCAPE Date Date No.

Survey by LAD Notes LRB Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE 1-3-61
B.M. C.M. #3	2298	403 614		401 316	B.M. - C.M #3 EL. = 401.316 PER F.B. 2633-15
E-#1			3897	400717	
E-#2			2800	400814	
G-#2	0526	401 148	2992	400622	
T.P.	0286	390 347	11 087	390061	
T.P.	0413	381 681	9079	381268	
T.P.	0671	370 857	11 495	370186	
T.P.	0486	360 083	11260	359597	
T.P.	0732	349 348	11467	348616	
T.P.	0316	338172	11492	337856	
T.P.	3551	330358	11365	326807	
G-#3			3853	326505	
T.P.	1885	322530	9707	320651	
D-#1			3531	319005	
T.P.	0316	310888	11964	310572	
T.P.	0261	300742	10407	300481	
T.P.	0521	291 201	10062	290680	
E-#3			3748	287453	
D-#2			3147	288054	
T.P.	0786	280443	11544	279657	
T.P.	0602		9307	271136	

Profile Notes Red. Plotted Job No. 22L.92 Division No. 11
No. X-Sec. Date Date Survey of Carbon Mesa Landslide
Notes Chkd. Checked Survey by Ind Notes Wilks Date 1-3-61
No. Date Date Map No. Indexed H. E. OTT Date JAN 9 '61

F. B. 2633 Pg. 151

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F. B. 2633 Pg. 152
Survey of CARBON MESA LANDSLIDE Job No. 002.152 Division No. 11 Notes Red. Plotted Profile
Survey by K.C. LIND Notes T.O. Date No. X-Sec.
Indexed D. E. OTT Notes Chkd. Checked
Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE 1-3-61
T.P.	0602	271 738		271 136	
T.P.	0476	261 412	10802	260936	
T.P.	0303	250592	11123	250289	
C-#2			11630	238962	
T.P.	0652	239 511	11733	238859	
D-#3	0842	229329	11024	228487	
T.P.	0325	221 471	8183	221146	
T.P.	0307	210950	10828	210643	
T.P.	0616	200 700	10866	200084	
C-#3			5065	195635	
T.P.	0361	189 321	11740	188960	
T.P.	0516	178 721	11116	178205	
B-#2			6147	172574	
T.P.	0597	169 087	10231	168490	
T.P.	0610	158107	11590	157497	
T.P.	0 769	147978	10898	147209	
T.P.	0 608	137 726	10 860	137 118	
T.P.	6 532	137 093	7 165	130 561	begin sideline
B-3			3 660	133 433	end "
T.P.	1 058	131 619		130 561	
T.P.	0 808	120 590	11 837	119 782	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		120 590				
T.P.	0428	110 188	10 830	109 760		
B-#4			6 428	103 760		
T.P.	0693	99 231	11 650	98 538		
T.P.	0176	88 291	11 116	88 115		
B-#5			9 585	78 706		
T.P.	0614	77 741	11 164	77 127		
T.P.	1634	68 517	10 858	66 883		
T.P.	0602	59 136	9 983	58 534		
T.P.	0610	48 326	11 420	47 716		
T.P.	1016	38 035	11 307	37 019		
T.P.	0335	26 589	11 781	26 254		
T.P.	3542	22 300	7 831	18 758		
B.M. CM #1			8 069	14 231	B.M. - C.M. #1 EL. = 14.258 PER F.B. 2633-9	
						231 / 027

Profile Notes Red. ____ Plotted ____ Job No. 002192 Division No. 11 F. B. 2633 PG. 153
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by K. C. LIND Notes T.O. Date 1-3-61
No. ____ Date ____ Date ____ Map No. ____ Indexed R. E. OTT Date ____

F. B. 2633 Pg. 154

Job No. 002198 Division No. 11 Notes Red Plotted Profile

Survey of CARBON MESA LANDSLIDE Date Date No.

Survey by C.K. LIND Notes T.O Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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STATION	B. S.	H. I.	F. S.	ELEV.	CANYON MESA LANDSLIDE 2-2-61
BM CM #3	2340	403.656		401.316	BM CM #3 EL = 401.316 PER FEB. 2633-15
E-1			2936	400.720	C.E. MONT.
E-2			2841	400.815	3/4" A.C. FLEXIBLE PIPE
G-2	3857	404.473	3032	400.624	" " " "
T.P.	3284	393.511	10554	390.924	1x2" STK.
T.P.	2891	393.539	10564	390.975	" "
T.P.	2611	393.603	10720	390.992	" "
T.P.	0341	393.951	10	393.610	" "
T.P.	0773	394.363	11	393.590	" "
T.P.	2783	393.773	11	390.990	" "
G-2	3215	393.041	12	389.826	3/4" A.C. FLEXIBLE PIPE
T.P.	5515	394.209	33	388.694	" " " "
D-1			5.10	388.699	3/4" A.C. FLEXIBLE PIPE
T.P.	0357	393.771		393.414	1x2" STK.
T.P.	0911	393.828	10713	392.917	" "
T.P.	0914	394.138	1.224	392.924	" "
E-3			3.50	390.638	3/4" A.C. FLEXIBLE PIPE
M-2			5.18	388.066	C.E. MONT.
T.P.	0849	393.353	1.475	392.504	1x2" STK.
T.P.	0696	393.249	10.160	392.553	" "
T.P.	2250	393.253	11.772	390.003	" "

Profile Notes Red _____ Plotted _____ Job No. 402.162 Division No. 11 F. B. 2633 Pg. 155
No. X-Sec. Date _____ Date _____ Survey of CANYON MESA LANDSLIDE Date 2-2-61
No. _____ Date _____ Notes Chkd. _____ Checked _____ Survey by CMD Notes CMD Date FEB 8 '61
Date _____ Map No. _____ Indexed _____ Date _____

F. B. 2633 Pg. 156

Job No. 002 [illegible] Division No. [illegible]
Survey of CANYON MESA LANDSLIDE
Survey by LIND Notes CARO
Indexed H. E. OTT Date
Notes Red. Date Notes Chkd. Date
Plotted Date Checked Date
Profile No. X-Sec. No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	
		[illegible]			
[illegible]			10916	[illegible]	1X2 STK.
T.P.	[illegible]	[illegible]	11268	[illegible]	
[illegible]			8171	[illegible]	3/4" I.P. & ENGR. TAG
[illegible]	[illegible]	138 54?	[illegible]	[illegible]	1X2" STK.
[illegible]	[illegible]	[illegible]	053	[illegible]	2" MONT
T.P.	[illegible]	[illegible] 664	10 88	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	207384	" "
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	" "
C-3			[illegible]	[illegible]	C.P. MONT.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1X2 STK.
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	" "
S 2			[illegible]	[illegible]	2" I.P. & BT. SPK
[illegible]	0683	[illegible]	[illegible]	[illegible] 63	1X2 STK.
[illegible]	[illegible]	[illegible]	259	161002	SPK.
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	"
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	"
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] *	"
[illegible]			[illegible]	[illegible]	3/4" I.P. & ENGR. TAG
T.P.	0522	131 336		130 514	SPK
T.P.	0402	[illegible]	[illegible]	[illegible] 9733	" CONT. ON TOP PG. 158

Profile No.	Notes Red.	Plotted	Job No. 0321.92	Division No. 11	F. B. 2433 Pg. 157
	Date	Date	Survey of CARBON MESA LANDSLIDE		
X-Sec. No.	Notes Chkd.	Checked	Survey by LIND	Notes CARO	Date 2-2-61
	Date	Date	Map No.	Indexed H. E. OTT	Date

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Do not extend notes this side of this line.

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

76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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(P)

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Cont. from Bott pg. 156
		120 135			
[illegible]	[illegible]	[illegible] 309	10 424	[illegible]	[illegible]
B-4			6 596	1037[illegible]	[illegible] & ENGR. TAG.
[illegible]	[illegible]	[illegible] 302	11 4[illegible]7	98842	SPK.
[illegible]	0 21[illegible]	[illegible]	144	[illegible]	"
[illegible]			[illegible]	[illegible]	[illegible] ENGR. TAG
[illegible]	[illegible]	[illegible] 913	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	"
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	"
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	"
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	3 [illegible]	[illegible]	[illegible]	[illegible]	"
B.M. [illegible]			[illegible]	[illegible]	B.M. CM [illegible] 4.258 [illegible]

F. B. 2633 Pg. 158

Job No. [illegible] Division No. [illegible] Notes Red. [illegible] Plotted [illegible] Profile

Survey of [illegible] Date [illegible] Date [illegible] No. [illegible] X-Sec.

Survey by [illegible] Notes [illegible] Notes Chkd. [illegible] Checked [illegible] No. [illegible]

Indexed H. E. OD Date [illegible] Date [illegible] Date [illegible]

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. C.M.#3	2 295	403 611		401 316	B.M. C.M.#3 EL.= 401.316	Per page 15
E-1	0 609	401 352	2 868	400 743		
E-2			0 538	400 814		
G-2			0 727	400 625		
T.P.	1 128	392 053	10 427	390 925		
T.P.	0 686	381 952	10 787	381 266		
T.P.	0 628	370 757	11 823	370 129		
T.P.	0 495	360 035	11 217	359 540		
T.P.	0 302	349 028	11 309	348 726		
T.P.	0 692	338 495	11 225	337 803		
G-3	2 183	328 639	12 039	326 456		
T.P.	3 696	320 326	12 009	316 630		
D-1			1 330	318 996		
T.P.	0 632	310 767	10 191	310 135		
T.P.	0 375	300 810	10 332	300 435		
T.P.	1 664	293 181	1 293	291 517		
E-3			5 763	287 418		
D-2			5 170	288 011		
T.P.	0 467	282 002	11 646	281 535		
T.P.	1 239	272 350	10 891	271 111		
T.P.	0 952	262 387	10 915	261 435		

Profile Noted Rod Plotted Job No. 0021.92 Division No. 11
No. X-Sec. Date Date Survey of CARSON MESA LANDSLIDE
Notes Chkd. Checked Survey by LUND Notes WILKS Date 4-12-61
No. Date Date Map No. Indexed R.L.C. Date APR 19 61

F. B. 2633 Pg. 159

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		262 387				
T.P.	1 423	253 831	9 979	252 408		
T.P.	1 031	247 013	7 849	245 982		
C-2			8 050	238 963		
T.P.	0 514	236 329	11 198	235 815		
E-3	3 523	231 964	7 888	228 441		
T.P.	0 589	221 720	10 833	221 131		
T.P.	0 712	211 340	11 092	210 628		
T.P.	0 655	201 245	10 750	200 590		
C-3			5 638	195 607		
T.P.	1 083	191 578	10 750	190 495		
T.P.	0 818	181 024	11 372	180 206		
B-2			8 460	172 564		
T.P.	1 343	171 117	11 250	169 774		
T.P.	0 464	159 679	11 902	159 215		
T.P.	0 944	148 729	11 894	147 785		
T.P.	1 308	138 418	11 619	137 110		
T.P.	6 661	137 221	7 858	130 560		
B-3	3 788	137 221	3 788	133 433		
T.P.	1 078	131 638	6 661	130 560		
T.P.	0 930	120 699	11 869	119 769		

F. B. 2633 Pg. 160
Job No. 0021.92 Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of C.M. Landslide ____ Date ____ No. ____ X-Sec. ____
Survey by Lind Notes Wilks Notes Chkd. ____ Checked ____ No. ____
Indexed R.E. OTT Date ____ Date ____ Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		120 699				
T.P.	0 991	110 740	10 950	109 749		
B-4			7 011	103 729		
T.P.	1 070	99 954	11 856	98 884		
T.P.	0 469	88 588	11 835	88 119		
B-5			9 903	78 685		
T.P.	0 990	78 113	11 465	77 123		
T.P.	0 557	66 959	11 711	66 402		
T.P.	0 536	56 559	10 936	56 023		
T.P.	0 338	45 854	11 043	45 516		
T.P.	0 839	34 994	11 699	34 155		
T.P.	0 549	26 134	9 409	25 585		
B.M. C.M. #1			11 910	14 224	B.M. C.M. #1 EL. = 14.258	Per page 9

Profile Notes Red. Plotted Job No. 2021.12 Division No. 11
No. X-Sec. Date Date Survey of CARBON MESA LANDSLIDE
Notes Chkd Checked Survey by LIND Notes WILKS Date 4-12-61
No. Date Date Map No. Indexed Date

F. B. 2633 Pg. 181

F. B. 2633 Pg. 162

Job No. 0021.92 Division No. 11 Notes Red. Plotted Profile

Survey of C.M. Landslide Date Date No.

Survey by Lind Notes 6/11/85 Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

76L-296 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	SARIBAN MESA LANDSLIDE 6-12-61
BM CM #3	1963	403.284		401.318	BM CM # 3 ELE 401.316 F.B. 2133-15
E-1	0732	401.265	11.943	400.796	2" CAPPED PIPE
E-2			0.827	400.438	1" [illegible]
G-2			1.345	400.238	[illegible]
TP	1.324	401.762	0.824	400.438	IX2
TP	0.525	401.741	10.796	401.236	IX2
TP	0.453	379.144	11.249	[illegible]	IX2
TP	0.458	371.990	11.042	359.448	IX2
T.P.	1.227	[illegible]	11.463	[illegible]	IX2
T.P.	1.004	[illegible]	[illegible]	[illegible]	IX2
T.P.	1.150	[illegible]	[illegible]	[illegible]	IX2
G-3	1290	327 719	[illegible]	[illegible]	1" IR & CE. TAG
TP	5029	321 694	11114	316605	IX2
D-1			2639	319 995	1" IR & CE. TAG
T.P.	0715	310 829	11526	310114	IX2
T.P.	0327	300 745	10410	300419	IX2
T.P.	0316	291 819	9247	291 503	IX2
E-3			4400	287 417	1" IR Calc Rust & CT. Spot
D-2			3810	288 009	1" CAPPED IR
T.P.	0454	291 [illegible]	10 977	290 442	T.P.
	9258	271 369	10 273	271 [illegible]	

Profile Notes Red. Plotted Job No. 0121.92 Division No. 11 F. B. 2133 Pg. 163
No. X-Sec. Date Date Survey of CARBON MESA LANDSLIDE Sheet
No. Notes Chkd. Checked Survey by LIND Notes Date 6-12-61
No. Date Date Map No. Indexed E. E. OM Date JUN 21 61

76L-298 S & E #307—1-56

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

F. B. 7687 Pg. 124
Job No. 4821-2 Division No. 11 Profile
Survey of Lake Elsinore Notes Red. Plotted
Survey by H. E. ON Notes Date Date No. X-Sec.
Indexed Date Notes Chkd. Checked
Date Date No.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. B.	ELEV.	
		271 354			
TP	0919	342 350	9423	261 931	1X2"
TP	0785	251 097	11 661	250 312	1X2
TP	0.33	241 544	10 162	240 934	1X2
[illegible]			[illegible]	[illegible]	[illegible]
TP	0919	[illegible]	14 [illegible]	32084	1X2
D-3			[illegible]	[illegible]	2" B.C. 14'
TP	[illegible]	[illegible]	16 221	[illegible]	1X2
TP	[illegible]	[illegible]	[illegible]	[illegible]	1X2
TP	[illegible]	[illegible]	[illegible]	[illegible]	1X2
[illegible]			[illegible]	[illegible]	[illegible]
TP	[illegible]	[illegible]	16 139	[illegible]	1X2
TP	[illegible]	[illegible]	[illegible]	[illegible]	1X2
TP	[illegible]	[illegible]	[illegible]	171 [illegible]	1X2
B-2			[illegible]	[illegible]	2" B.C. [illegible]
TP	[illegible]	[illegible]	[illegible]	[illegible]	1X2
TP	[illegible]	[illegible]	[illegible]	[illegible]	1X2
TP	1069	142 345	11 [illegible]	[illegible]	1X2
TP	0792	132 360	11 777	131 553	
TP			[illegible]	[illegible]	1X2
		[illegible]	[illegible]	[illegible]	B-3

5-10-57

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA [illegible] CONT. 6-12-61	
		132 360				
T.P.	[illegible]	136 [illegible]	2 626	130 334	182	
B-3			2 912	[illegible] 487	1" I.P. & C.E. TAG	
		END	SIDE	[illegible]		
T.P.	0 612	122 062		121 450	Spk	
T.P.	0 742	111 487	11 367	110 695	Spk	
B-4			7718	103 769	1" I.P. & C.E. TAG	
T.P.	0 665	101 452	10 700	100 787	Spk	
T.P.	0 328	90 639	11 141	90 311	Spk	
B-5			11 893	78 746	1" I.P. & C.E. TAG	
T.P.	0 722	80 704	10 657	79 982	Spk	
T.P.	0 470	69 834	11 340	69 364	Spk	
T.P.	0 687	59 592	10 929	58 905		
T.P.	0 695	49 322	10 965	48 627		
T.P.	0 837	38 886	11 273	38 049		
T.P.	0 939	28 216	11 609	27 277		
T.P.	1 500	20 321	9 395	18 821		
BMCM #1			6 025	14 296	BM CM #1 EL= 14.258 F.B. 2633-9	

Profile Notes Red. _____ Plotted _____ Job No. [illegible] Division No. 11 F. B. 2633 Pg. 165
No. _____ Date _____ Date _____ Survey of [illegible]
X-Sec. Notes Chkd. _____ Checked _____ Survey by _____ Notes [illegible] Date _____
No. _____ Date _____ Date _____ Map No. _____ Indexed [illegible] Date _____

F. B. 2633 Pg. 162 Job No. [illegible] Division No. 11 Notes Red. Plotted Profile

Survey of [illegible] Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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78L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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Profile Notes Red ____ Plotted ____ Job No 0021.92 Division No. 11 F. B. Z633 Pg. 167
No. X-Sec. Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
No ____ Notes Chkd. ____ Checked ____ Survey by ____ Notes CARBON Date 7-27-61
Date ____ Date ____ Map No. ____ Indexed M. E. OTT Date AUG 1 '61

CARBON MESA LANDSLIDE 7-27-61

STATION	B. S.	H. I.	F. S.	ELEV.	
B.M CM #3	1 480	402 796		401 ??	B.M. CM # 3 EL = 401.31, F.B. Z633
E-1	0 402	401 094	2104	400 692	C. E. MONT.
E-2			0288	400 806	3/4" I.P. & C.E. TAG
G-2			0426	400 668	" " " "
TP	0351	390 381	11 064	390 030	1"x2" STK.
TP	0435	380 756	10 944	380 321	" "
TP	0322	370 390	10 668	370 068	" "
TP	0 604	360 079	10 915	359 475	" "
TP	0553	349 035	11 597	348 482	" "
TP	0890	338 632	11 293	337 742	" "
TP	3 660	330 364	11 928	326 704	" "
G-3			3 960	326 404	3/4" I.P. & C.E. TAG
TP	2803	321 277	11 355	318 409	* 1"x2" STK
D-1			2289	318 988	3/4" I.P. & C.E. TAG
TP	0317	318 726		318 409	1"x2" STK.
TP	0329	310 416	8637	310 089	" "
TP	0385	300 783	10 020	300 398	" "
TP	1 800	293 283	7 300	291 483	" "
E-3			5880	287 403	2" I.P.
D-2			5 308	287 975	C.E. MONT.
TP	0832	282 343	11 772	281 511	1"x2" STK.

76L-298 S & E #307—1-56

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(P)

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F. B. 2633 Pg. 168 Job No 0021.22 Division No. 11 Notes Red. Plotted. Profile
Survey of CARBON MESA LANDSLIDE Date. Date. No. X-Sec.
Survey by LUND Notes CARO Notes Chkd. Checked. No.
Indexed M. E. Ott Date. Date. Date.

STATION	B. S.	H. I.	F. S.	ELEV.		
		282 348				
TP	0350	271 437	11256	271 087	1"X2" STK	
TP	0309	261 191	10555	260882	"	"
TP	0548	250801	10938	250253	"	"
C-2			11800	239001	3/4" I.P. & C.E. TAG	
TP	0739	239545	11995	238806	1"x2" STK	
D-3	0725	229 152	11118	228427	C.E. MONT.	
TP	0518	218 856	10814	218338	1"x2" STK	
TP	0383	208 339	10900	207956	"	"
TP	1215	201 246	8303	200031	"	"
C-3			5620	195626	C.E. MONT.	
TP	0849	191 322	10764	190482	1"X2" STK.	
TP	0694	180852	11134	180158	"	"
B-2			8310	172512	2" I.P.	
TP	0632	170 376	11136	169744	1"X2" STK	
TP	0520	159639	11257	159119	STK	
TP	0635	148 404	11870	147769	"	
TP	1772	139 090	11100	137304	"	
TP	7070	136 720	9440	129650	* 1"X2" STK	
B-3			3218	133 148		
	0390	130 046		129 654		

76L-298 S & E #307—1-56

(P)

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STATION	B. S.	H. I.	F. S.	ELEV.		
		130 046				
TP	0 654	113 949	11 751	118 295	SPK.	
TP	0563	107 581	11 931	107 018	"	
B-4			3858	103 723	¾" I.P. & C.E. TAG	
TP	0425	96 345	11 661	95920	SPK.	
TP	2145	87 184	11 304	85 041	"	
B-5			8790	78695	¾" I.P. & C.E. TAG	
TP	0676	77 820	10 042	77 144	SPK.	
TP	0794	67 212	11402	66418	"	
TP	0729	59 594	8 347	58865	"	
TP	0765	49 350	11 009	48 585	"	
TP	0273	38 276	11 347	38 003	"	
TP	0732	27 940	11 048	27 208	"	
TP	1582	20 352	9190	18 770	"	
BM CM#1			6115	14237	B.M. CM#1 Elev = 14.258	FB 2633-9

Profile Notes Red. Plotted Job No. 0021.92 Division No. 11 F. B. 2633 Pg. 169
No. X-Sec. Date Date Survey of CARBON MESA LANDSLIDE
Notes Chkd. Checked Survey by LIND Notes CAR Date 7-27-61
No. Date Date Map No. Indexed H. E. ORT Date

F. B. 2633 Pg. 170

Job No. 0021.92 Division No. 11 Notes Red. Plotted Profile

Survey of CARBON MESA LANDSLIDE Date Date No.

Survey by LINDE Notes CARO Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-66

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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9-20-41 (P)

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Carbon Mesa Landslide Area
B.M. C.M. #3	2 708	404 024		401 316	B.M. - C.M. #3 El. = 401.316 per F.B. 2633, 15
E-1	0 853	401 576	3 301	400 723	2" capped pipe
E-2			0 773	400 803	1" pipe
G-2			0 963	400 613	1" pipe
T.P.	1 137	391 588	11 125	390 451	1X2
T.P.	0 292	380 604	11 276	380 312	1X2
T.P.	0 368	370 398	10 574	370 030	1X2
T.P.	0 406	359 845	10 959	359 439	1X2
T.P.	0 650	349 270	11 219	348 626	1X2
T.P.	2 355	340 059	11 572	337 704	1X2
T.P.	0 809	329 419	11 449	328 610	1X2
G-3			3 048	326 371	1" pipe
T.P.	3 349	321 331	11 437	317 982	
D-1			2 359	318 972	1" pipe
T.P.	1 295	311 748	10 878	310 453	1X2
T.P.	1 256	301 629	11 375	300 373	1X2
T.P.	0 886	291 470	11 095	290 584	1X2
E-3			4 075	287 395	2" pipe
D-2			3 505	287 965	2" capped pipe
T.P.	1 200	280 7750	11 895	279 575	1X2
T.P.	0 692	270 156	11 311	269 464	1X2

Profile Notes Red. Plotted. Job No. 0021.12 Division No. 11
No. Date Date Survey of Carbon Mesa Landslide Area F. B. 2633 Pg. 171
X-Sec. Notes Chkd. Checked Survey by Lind Notes Wilks Date 9-5-41
No. Date Date Map No. Indexed N. E. Ott Date SEP 1 1941

76L298 S & E #307 9-54

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9-20-41

(P)

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE AREA
		270 156			
T.P.	0 940	261 795	9 301	260 855	1X2
T.P.	0 508	251 168	11 135	250 660	1X2
T.P.	1 711	242 612	10 267	240 901	1X2
C-2			3 640	238 972	2" capped pipe
T.P.	0 918	232 963	10 567	232 045	
D-3			4 543	228 420	2" capped pipe
T.P.	0 217	221 315	11 865	221 098	1X2
T.P.	0 605	211 124	10 796	210 519	1X2
T.P.	0 355	200 909	10 570	200 554	1X2
C-3			5 283	195 626	2" capped pipe
T.P.	0 703	191 180	10 432	190 477	1X2
T.P.	0 600	180 780	11 000	180 180	1X2
B-2			8 170	172 610	2" capped pipe
T.P.	0 771	170 505	11 046	169 734	1X2
T.P.	0 784	161 706	9 583	160 922	Sq. Hd.
T.P.	1 220	152 869	10 057	151 649	" "
T.P.	1 148	143 377	10 640	142 229	" "
T.P.	4 000	135 536	11 841	131 536	Sq. hd begin sideline
T.P.	6 349	137 052	4 833	130 703	rock
B-3			3 602	133 450	end sideline

Cont on pg 174

F. B. 2633 Pg. 172
Job No. 0021.42 Division No. 11 Notes Red. Plotted Profile
Survey of Carbon Mesa Landslide Area Date No.
Survey by Lind Notes Wilks Notes Chkd. Checked X-Sec.
Indexed H. E. Ott Date Date Date No.

Profile No.	Notes Red	Plotted	Job No. 0021.92	Division No. 11	F. B. 2633 Pg. 173
	Date	Date	Survey of CARBON MESA LANDSLIDE AREA		
X-Sec. No.	Notes Chkd.	Checked	Survey by LIND	Notes WILES	Date 9-5-61
	Date	Date	Map No.	Indexed H. E. OTT	Date [illegible]

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

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76L298 S & E #307 9-54

76L298 S & E #307 9-54

@ 9-20-61

(P)

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE AREA CONT.
T.P	1 379	132 915		131 536	Sq. hd.
T.P.	0 669	122 084	11 500	121 415	" "
T.P	0 357	111 012	11 429	110 655	" "
B-4			7 291	103 721	1" pipe
T.P	1 013	101 764	10 261	100 751	Sq. hd
T.P	0 908	91 184	11 488	90 276	" "
T.P.	8 434	88 153	11 465	79 719	rock
B-5			9 440	78 713	1" pipe
T.P.	0 705	77 481	11 377	76 776	rock
T.P.	1 739	68 169	11 051	66 430	Sq. hd
T.P.	0 917	59 801	9 285	58 884	" "
T.P.	1 029	49 637	11 193	48 608	Sq. hd.
T.P.	0 909	38 937	11 609	38 028	" "
T.P.	0 483	27 774	11 646	27 291	" "
T.P.	2 901	20 066	10 609	17 165	" "
B.M. C.M. #1			5 763	14 303	B.M.-C.M. #1 El. = 14.258 per F.B. 2633,9

F. B. 2633 Pg. 174

Job No. 0021,92 Division No. 11 Notes Red. Plotted Profile

Survey of CARBON MESA LANDSLIDE AREA Date Date No.

Survey by LIND Notes WALKS Notes Chkd. Checked X-Sec.

Indexed ~~H. E. OFF~~ Date Date Date No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE 11-17-61
BM CM # 3	2 104	403 420		401 316	BM CM #3 EL= 401 316 F.B. 2633-15
E-1			2 740	400 680	C.E. MON.
	0 355	401 035			
E-2			0246	400 789	3/4 IP CONC. PLUG. & CO. ENGR. TAG.
G-2			0432	400 603	3/4 I.P. CONC. PLUG. & CO. ENGR. TAG.
T.P.			10127	390 908	1X2 STK.
	0247	391 155			
T.P.			10 864	380 291	1X2 STK.
	0445	380 736			
T.P.			10744	369 992	1X2 STK.
	0 440	370 432			
T.P.			11 032	359 400	1X2 STK.
	0 326	359 726			
T.P.			11 136	348 590	1X2 STK.
	0 633	349 223			
T.P.			11 549	337 674	1X2 STK.
	0 692	338 366			
T.P.			11 337	327 029	1X2 STK.
	3 580	330 609			
G-3			4 258	326 351	3/4 I.P. CONC. PLUG. & CO. ENGR. TAG.

Profile Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 2633 Pg. 175
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE AREA
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes MYERS Date 11-17-61
No. ____ Date ____ Date ____ Map No. ____ Indexed B. E. OTT Date NOV 24 '61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
G-3	3 237	329 588		326 351	3/4" I.P. CONC. PLUG & CO. ENGR. TAG.	
T.P.			10 422	319 166	1X2 STK.	
	0 998	320 164				
T.P.			4 821	315 343	1X2 STK.	
	7 093	322 436				
D-1			3 453	318 983	3/4" I.P. CONC. PLUG. & CO. ENGR. TAG.	
	2 210	321 193				
T.P.			10 393	310 800	1X2 STK.	
	3 833	314 633				
T.P.			10 573	304 060	1X2 STK.	
	3 418	307 478				
T.P.			10.367	297 111	1X2 STK.	
	1 056	298 167				
T.P.			7 722	290 445	1X2 STK.	
	1 167	291 612				
E-3			4 228	287 384	2" I.P. CONC. PLUG. C̄ BT. SPK.	
D-2			3 677	287 935	C.E. MON.	
	0 789	288 724				
T.P.			11 395	277 329	1X2 STK.	
	0 311	277 640				
T.P.			11 117	266 523	1X2 STK	

F.B. 2633 PG. 176

Job No. 0021.92 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of CARBON MESA LANDSLIDE AREA Date 11-17-61 Date ____ No. ____ X-Sec. ____

Survey by [illegible] Notes K. MYERS Notes Chkd. ____ Checked ____ No. ____

Indexed H. E. OTT Date ____ Date ____ Date ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	0 173	266 696		266 523	1X2 STK.	
T.P.			11 321	255 375	1X2 STK.	
	3 284	258 659				
T.P.			10 727	247 932	1X2 STK.	
	0 219	248 151				
C-2			9 200	238 951	3/4" I.P. CONC. PLUG & CO	ENGR. TAG.
T.P.			10 382	237 769	1X2 STK.	
	2 618	240 387				
D-3			11 981	228 406	C.E. MON.	
	5 892	234 298				
T.P.			11 216	223 082	1X2 STK.	
	0 574	223 656				
T.P.			11 163	212 493	1X2 STK.	
	0 587	213 080				
T.P.			11 072	202 008	1X2 STK.	
	1 608	203 616				
C-3			8 029	195 587	2" I.P. ⊏ BRASS CAP	
	5 981	201 568				
T.P.			9 111	192 457	1X2 STK	
	0 351	192 808				
T.P.			10 648	182 160	1X2 STK.	

Profile Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 2633 PG. 177
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE AREA
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes MYERS Date 11-17-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date NOV 24 61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.	0392	182 552		182 160	1X2 STK.	
T.P. ①			10842	171 710	1X2 STK *	
	4307	176 017				
B-2			3443	172 574	2" I.P. CONC. PLUG c̄ BT SPK W & T	
	0538	172 248		171 710	1X2 STK TP ① *	
T.P.			11 609	160 639	SPK & TIN	
	1248	161 887				
T.P.			8257	153 630	SPK & TIN	
	0200	153 830				
T.P.			11 335	142 495	SPK.	
	0314	142 869				
TP ②			10221	132 588	SPK	
	4896	137 484				
T.P.			2482	135 002	COR. CONC. PAD (SW. COR.)	
	4526	139 528				
B-3			6060	133 468	3/4" I.P. CONC. PLUG & CO. ENGR. TAG.	
TP ②	0386	132 974		132 588	TP ② SPK	
			9567	123 407	SPK	
	0366	123 773				
T.P.			9315	114 458	SPK	

F.B. 2633 PG. 178

Job No. 0021.92 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of CARBON MESA LANDSLIDE AREA Date ____ Date ____ No. ____ X-Sec. ____

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

Indexed E. OTT Date ____ Date ____ Date ____

76-L296 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	0 321	114 779		114 458	SPK	
B-4			11 063	103 716	3/4" I.P. CONC. PLUG & CO. ENGR. TAG.	
	3 186	106 902				
T.P.			10 293	96 609	SPK	
	0 218	96 827				
T.P.			11 099	85 728	SPK	
	2 149	87 877				
B-5			9 180	78 697	3/4" I.P. CONC. PLUG & CO. ENGR. TAG.	
T.P.			8 716	79 161	SPK.	
	0 203	79 366				
T.P.			10 928	68 438	SPK	
	0 346	68 784				
T.P.			8 726	60 058	SPK.	
	0 468	60 526				
T.P.			9 917	50 609	SPK	
	1 187	51 796				
T.P.			11 766	40 030	SPK	
	0 184	40 214				
T.P.			10 968	29 246	SPK	
	0 331	29 577				
T.P.			8 777	20 800	SPK	

Profile Notes Red _____ Plotted _____ Job No. 0021 Division No. 11
No. _____ Date _____ Date _____ Survey of CALABASAS MESA LANDSLIDE AREA
X-Sec. _____ Notes Chkd. _____ Checked _____ Survey by LUNDY Notes NOTES Date 11-17-61
No. _____ Date _____ Date _____ Map No. _____ Indexed H. E. OTT Date NOV 24 61

F. B. 2633 Pg. 179

F.B. 2633 Pg. 180

Job No. 0021.92 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of CARBON MESA LANDSLIDE AREA Date 11-17-61 Date _____ No. _____

Survey by LIND Notes K. MYERS Notes Chkd. _____ Checked _____ X-Sec.

Indexed B. E. OIT Date _____ Date _____ Date _____ No. _____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P. B.M. CM #1	1244	22 044	7 777	20 800 / 14 267	SPK. BM CM #1	E= 41258 [illegible]

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON - MESA LAND SLIDE 1/25/62	
BM CM. #3	2 050	403 366		401 316	PRECAST C.E. MON	EL. 401.316 F.B 2633-15
E - 1			2 631	400 735	2" I.P & C.E. CAP	
E - 2			2 540	400 826	3/4" I.P - TAC.	
G - 2	0 303	400 945	2 724	400 642		
T.P.	0 568	390 529	10 934	389 961		
"	1 073	381 331	10 271	380 258		
"	1 187	371 163	11 355	369 976		
"	0 198	359 590	11 771	359 392		
"	0 857	350 047	10 400	349 190		
"	0 553	338 963	11 637	338 410		
"	0 981	330 930	9 014	329 949		
G - 3			4 588	326 342	1" I.P & TAC.	
T.P.	0 438	320 563	10 805	320 125	★ BEGIN SIDE LINE	
D+1.			1 574	318 989	3/4" I.P & TAC. END SIDE LINE.	
T.P.	2 520	322 645		320 125	★	
"	0 583	311 754	11 474	311 171		
"	0 705	300 745	11 714	300 040		
"	6 351	295 623	11 473	289 272		
D - 2			7 661	287 962	2" I.P. & C.E. CAP	
E - 3			8 224	287 399	" " " "	

Profile No. ___ Notes Red. ___ Date ___ Plotted ___ Date ___ Job No. 0021-82 Division No. 11 Survey of CARBON MESA LAND SLIDE Survey by GUIZADO Notes SMITH Date 1-25-62 Map No. ___ Date ___ Indexed H. E. OTT Date FEB 1 '62

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

F. B. 2633 Pg. 181

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON-MESA LANDSLIDE 1/25/62
		295 623			
T.P	0 398	284 378	11 643	283 980	
"	1 646	274 740	11 284	273 094	
"	0 930	264 690	10 980	263 760	
"	0 404	253 426	11 608	253 022	
"	0 630	246 608	7 448	245 978	
C-2			7 610	238 998	1" I.P & TAG.
T.P	0 737	236 562	10 783	235 825	
D-3	3 970	232 413	8 119	228 443	PRECAST C.E. MON
T.P	0 497	221 659	11 251	221 162	
	0 532	211 066	11 125	210 534	
	0 387	200 470	10 983	200 083	
C-3			4 819	195 651	2" I.P & C.E COP
	0 215	190 738	9 947	190 523	
	0 476	179 825	11 389	179 349	
B-2			7 210	172 615	2" I.P & BT. SPK
T.P	0 361	170 105	10 681	169 744	
"	0 385	158 783	11 707	158 398	
"	0 322	148 116	10 989	147 794	

F. B. 2633 Pg. 182
Job No. 00212 Division No. 11 Notes Red. Plotted Profile
Survey of CARBON-MESA LANDSLIDE Date 1-25-62 Date No. X-Sec.
Survey by GUIZADO Notes SMITH Notes Chkd. Checked No.
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON - MESA LAND SLIDE 1/25/62
		148 116			
T.P.	0 335	137 462	10 989	137127	
T.P.	8 727	136 151	10 038	127 424	★ BEGIN SIDE LINE
B-3			2 673	133 478	1" I.P. & TAG END SIDE LINE
T.P.	0 348	127 772		127 424	★
"	0 402	117 362	10 812	116 960	
"	0 984	108 011	10 335	107 027	
B-4			4 263	103 748	1" I.P. & TAG.
T.P.	0 313	101 169	7 235	100 776	
	0 290	[illegible] 593	10 866	90 308	
B-5			11 [illegible]	78 725	1" I.P. & TAG
T.P.	[illegible]	79 966	10 627	79 966	
"	0 256	69 592	10 630	69 336	
"	0 287	59 134	10 695	58 897	
"	[illegible]	49 373	10 515	48 619	14 258
"	0 877	38 915	11 335	38 038	
"	0 533	29 039	10 464	28 451	
"	2 976	20 107	11 908	17 131	
BM. CM. #1			5 829	14 278	BM CM. #1 BT. SPK IN CURB
					EL. 14.258 F.B. 2633-9

Profile Notes Red. ____ Plotted ____ Job No. 0021 92 Division No. 11 F. B. 2633 Pg. 183
No. ____ Date ____ Date ____ Survey of CARBON-MESA LAND SLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by GUIZADO Notes SMITH Date 1-25-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date FEB 1 '62

F. B. 2633 Pg. 184

Job No. 9021 Division No. 11 Notes Red. Plotted Profile

Survey of CARBON MESA LANDSLIDE Date Date No.

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

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	Carbon Mesa Landslide 2-27-62
B.M. C.M.#3	1 581	402 897		401 316	B.M. C.M. #3 ELEV. = 401.316. SEE
E-1	1 877	402 594	2 180	400 717	F.B. 2633-15
E-2			1 851	400 743	
G-2			1 978	400 616	(EXTREME WIND)
C.M.#3	0 446	401 762	11 278	401 316	
T.P.	0 185	390 474	11 473	390 289	
"	0 708	379 790	11 392	379 082	
"	0 449	368 716	11 583	368 267	
"	0 762	357 777	11 701	357 015	⊼ = LEGAULT
"	1 161	347 571	11 367	346 410	
"	0 913	337 226	11 258	336 313	
"	3 462	328 721	11 967	325 259	
G-3			3 292	325 429	
T.P.	1 171	318 661	11 231	317 490	*
D-1			0 775	317 886	
T.P.	0 331	317 821		317 490	*
"	0 273	309 476	8 618	309 203	
"	0 388	297 867	11 997	297 479	
"	6 964	293 641	11 190	286 677	
D-2			6 598	287 043	

Profile Notes Red _____ Plotted _____ Job No. 62.12 Division No. 11
No. _____ Date _____ Date _____ Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Ck. E. McMILLAN Checked _____ Survey by C.K. LIND Notes _____ Date 2-27-62
No. _____ Date _____ Date _____ Map No. _____ Indexed H.E. OTT Date MAR 2 '62

F.B. 2633 Pg. 105

76L-298 CE 307 11-58

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(P)

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F.B. T233 Pg. 186 Job No. 0071.92 Division No. 11 Notes Red Plotted Profile
Survey of CARBON MESA LANDSLIDE Date Date No. X-Sec.
Survey by LIND Notes J. C. GOODWIN Notes Chkd. Checked No.
Indexed H.E. OFF Date Date Date

STATION	B.S.	H.I.	F.S.	ELEV.		
D-2		293 641		287 043		
E-3			6 668	286 973		
T.P.	1 206	285 079	9 768	283 873		
"	0 257	275 700	9 636	275 443		
"	0 757	265 020	11 437	264 263		
"	0 484	254 303	11 201	253 819		
"	0 897	245 355	9 845	244 458		
"	10 148	244 405	11 098	234 257		
C-2			5 250	239 155		
T.P.	0 364	233 199	11 570	232 835		
D-3			5 161	228 038		
T.P.	1 017	222 564	11 652	221 547		
"	0 384	211 417	11 531	211 033		
"	0 624	201 123	10 918	200 499		
C-3			5 616	195 507		
T.P.	0 396	189 704	11 815	189 308		
"	0 293	178 793	11 204	178 500		
B-2			6 171	172 622		
T.P.	0 180	167 931	11 042	167 751		
"	0 178	156 697	11 412	156 519		
"			11 904	144 793		

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.	0773	145566		144793		
"	0956	134733	11789	133777		
"	6058	136060	4731	130002		
B-3			2542	133518		
T.P	0692	126449	10303	125757		
"	0414	115122	11741	114708		
"	0443	103813	11752	103370		
B-4			1256	102557		
T.P.	0273	92601	11485	92328		
"	2887	83911	11577	81024		
"	8859	80785	11985	71926		
B-5			2495	78290		
T.P	0413	69750	11448	69337		
"	0824	59712	10862	58888		
"	0885	49492	11105	48607		
"	0315	38335	11472	38020		
"	0895	28133	11097	27238		
"	3648	20144	11637	16496		
BMCM #1			5886	14258	BMCM #1 ELEV = 14.258	
					F.B. 2633-9	

Profile Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 2633 Pg. 187
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Chkd. J.F. McMILLAN Checked ____ Survey by C.K. LIND Notes J.C.G. Date 2-27-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H.E.C. Date MAR 2 62

F.B. 2633 Pg. 188 0021.92

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

Survey of CARBON MESA LANDSLIDE Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

76L-296 CE 307 11-58

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM	3 491	404 807		401 316	BM CM # 3 EL.	401.316 C.E. MON
E-1			4 085	400 722	2" I.P & C.E. CAP	
E-2			4 079	400 728	3/4 I.P.	
G-2			4 191	400 616	" "	
T.P	2 402	397 508	9 701	395 106		
"	1 323	389 170	9 661	387 847		
"	1 767	382 055	8 882	380 288		
"	3 580	376 194	9 441	372 614		
"	1 862	367 345	10 711	365 483		
"	0 718	357 658	10 405	356 940		
"	0 833	348 673	9 818	347 840		
"	1 713	340 236	10 150	338 523		
"	2 291	333 325	9 202	331 034		
G-3	4 111	328 020	9 416	323 909	3/4 " I.P.	
T.P	4 361	322 417	9 964	318 056		
D-1			3 830	318 587	3/4 " I.P.	
T.P	1 833	312 478	11 772	310 645		
"	2 532	305 142	9 868	302 610		
	3 914	298 176	10 880	294 262		
	8 891	295 554	11 519	286 663		

Profile Notes Red. Plotted Job No. 0021.89 Division No.
No. Date Date Survey of CARBON MESA LAND SURVEY F. B. 2633 Pg. 189
X-Sec. Notes Chkd. Checked Survey by A.S.C.E. Notes R. E. OTT Date 4-12-62
No. Date Date Map No. Indexed Date

76L-298 S & E #307—1-56

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(9)

F.B. 2633 Pg. 190 Job No. 0021-89. Division No. Profile
Survey of CARBON MESA LAND SLIDE Notes Red. Plotted
Survey by A.S.S. Notes R.D.3. Date No. X-Sec.
Indexed H.E. OTT Date 4-12-62 Notes Chkd. Checked
Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		295554				
D-2			9875	285679	2" I.P. & C.E. CAP	
E-3			9480	286074	" " " "	
T.P.	3 000	287 760	10 794	284760		
"	4 833	282495	10 098	277 662		
"	0 762	271 745	11 512	270983		
"	0 682	262 322	10 105	261640		
"	0 452	251 291	11 483	250839		
"	2 687	244 260	9 718	241 573		
C-2			5 070	239190	3/4" I.P.	
T.P.	0690	233 589	11 361	232.899		
D-3			6 263	227326	2" I.P. & C.E. CAP	
T.P.	0 638	222 856	11 371	222218		
"	0 685	212 085	11 456	211 400		
"	0522	201629	10978	201.107		
C-3			6 482	195147	2" I.P. & C.E. CAP	
T.P.	0 928	191 509	11 048	190581		
"	1 253	181 520	11 242	180267		
B-2			8 850	172670	2" I.P. & C.E. CAP	
T.P.	0476	170071	11 925	169595		

76L-298 S & E #307—1-56

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Profile No.____ Notes Red.____ Plotted____ Job No. 0021.89 Division No.____
X-Sec. No.____ Date____ Date____ Survey of CARBON MESA LAND SLIDE
Notes Chkd.____ Checked____ Survey by A.C.G. Notes R.D.S. Date 4-12-62
Date____ Date____ Map No.____ Indexed H.E. OTT Date____

F. B. 2633 Pg. 191

STATION	B. S.	H. I.	F. S.	ELEV.		
		170 071				
T.P.	0 717	159 848	10 940	159 131		
"	1 137	151 312	9 673	150 175		
"	0 462	139 877	11 897	139 415		
"	6 688	136 410	10 155	129 722	*	
B-3			2868	133 542	SIDE LINE	3/4" I.P.
T.P	1422	131 144		129 722	*	
"	0 297	121 403	10 038	121 106		
"	1 055	112 135	10 323	111 080		
B-4	1 410	102 783	10 762	101 373	3/4" I.P.	
T.P	0 871	92 569	11 085	91 698		
"	0 218	81 221	11 566	81 003		
"	5 948	81 417	5 752	75 469	*	
B-5	1-3		3687	77 730	SIDE LINE	3/4" I.P.
T.P	1 317	76 786		75 469	A	
"	0 683	67 206	10 263	66 523		
"	0 784	58 106	9884	57 322		
"	1 138	48 464	10 780	47 326		
"	1 179	40 326	9317	39 147		
"	0 730	30 845	10 211	30 115		
"	4 017	23 943	10 917	19 928		

F. B. 2633 Pg. 192 | 0021.89

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

Survey of CARBON MESA LAND SLIDE Date _____ Date _____ No. _____

Survey by A.C.E. Notes B.D.S. Notes Chkd. _____ Checked _____ X-Sec.

Indexed H. E. OTT Date 4-12-62 Date _____ Date _____ No. _____

STATION	B. S.	H. I.	F. S.	ELEV.	
BM CM # 1					
		23 945			
			9 621		
				14 324	BM CM # 1

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76L-298 S & E #307—1-56

F.B. 2633 Pg. 103

Profile No.	Notes Red	Plotted	Job No. 0021.92	Division No. 11	
	Date	Date	Survey of CARBON MESA LANDSLIDE		
X-Sec. No.	Notes Chkd.	Checked	Survey by LIND	Notes MYERS	Date 6-25-62
	Date	Date	Map No.	Indexed C. J. GALLI	Date JUL 9 '62

J.N. 0021.92

CARBON MESA LANDSLIDE

RE: RUN OF LEVELS

OVER LANDSLIDE

AREA

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

6-25-62
LIND

MYERS
HULKABY

VALDEZ
RODRIGUEZ

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76L-298 CE 307 11-58

76L-298 CE 307 11-58

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11320

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STATION	B.S.	H.I.	F.S.	ELEV	CARBON MESA LANDSLIDE 6-25-62
B.M. CM #3	2400	403 716		401,316	B.M. CM. #3 C.E. MON FB. 2633 PG 15
T.P.	4987	405 641	3062	400654	
E-1			4937	400704	E-1 C.E. MON.
E-2			4945	400696	E-2 3/4" I.P. CONC. PLUG & C.E. TAG
G-2	4910	405 501	5050	400591	G-2 " " " " " " "
T.P.	0674	396 195	9980	395 521	
T.P.	0266	384 837	11624	384 571	
T.P.	0384	373 381	11840	372 997	
T.P.	0749	362 465	11665	361 716	
T.P.	0833	351 783	11515	350950	
T.P.	1005	341 005	11783	340000	
T.P.	0940	330 239	11706	329 299	
T.P.	6420	328 089	8570	321 669	
G-3	5133	328 189	5033	323056	G-3 3/4" I.P. CONC. PLUG & C.E. TAG.
T.P.	5420	327 089	6520	321 669	
D-1	3360	321 829	8620	318469	D-1 3/4" I.P. CONC. PLUG & C.E. TAG.
T.P.	1070	311 569	11330	310499	
T.P.	0504	301 043	11030	300539	
T.P.	7124	296883	11284	289759	
D-2			11950	284933	D-2 2" I.P. WITH C.E. CAP.
E-3			11320	285563	E-3 2" I.P. CONC. PLUG & BT. SPK

F.B. 2633 Pg. 194

Job No. 0021.92 Division No. 11 Notes Red Plotted Profile
Survey of CARBON MESA LANDSLIDE Date 6-25-62 Date No. X-Sec.
Survey by K. LIND Notes K. MYERS Notes Chkd. Checked
Indexed G. J. GALLI Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE 6-25-62
TP		296 883			
TP	3530	289 288	11 125	285 758	
TP	2447	279 925	11 810	277 478	1X2 & NAIL
TP	0244	268 743	11426	268 499	
TP	0425	257 657	11 511	257 232	
TP	0782	246 714	11 725	245 932	
C-2			7600	239114	C-2 3/4" I.P. CONC. PLUG & CE TAG
TP	0533	236 187	11 060	235654	
D-3	3930	230 801	9316	226 871	D-3 C.E. MON.
TP	0673	219 656	11 818	218 983	
TP	0546	208 706	11 496	208 160	
TP	3870	201 410	11 166	197 540	
C-3			6517	194 893	C-3 2" I.P. & C.E. CAP
TP	0840	192 065	10185	191 225	
TP	0965	181 287	11 743	180322	
B-2			8650	172 637	B-2 2" I.P. CONC. PLUG & BT. SPK. & W.
TP	0458	170 612	11 133	170 154	
TP	0170	160 282	10500	160112	
TP	0874	150 576	10580	149 702	
TP	0265	140 076	10765	139 811	
TP			10797	129279	* HOLD FOR LINE AHEAD BEGIN SIDE LINE

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 8633 Pg. 195
X-Sec. No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by K. LIND Notes K. MYERS Date 6-25-62
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76L-298 CE-307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	
T.P.	6530	135809		129279	* HOLD FOR LINE AHEAD BEGIN SIDE LINE TO B-3
B-3			2307	133502	* B-3 3/4" I.P. CONC. PLUG & C.E. TAG (END S/L)
T.P.	4485	133764		129279	* HOLD POINT
T.P.	2895	126257	10402	123362	
T.P.	0200	120237	6220	120037	SPK.
T.P.	0255	110202	10290	109947	
B-4	0832	101668	9366	100836	B-4 3/4" I.P. CONC. PLUG & C.E. TAG.
T.P.	0235	90253	11650	90018	
	10612	89185	11680	78573	*
B-5			11738	77447	B-5
T.P.	0603	78215	11573	77612	
T.P.	0594	67276	11533	66682	
T.P.	0318	57359	10235	57041	
T.P.	0663	46255	11767	45592	
T.P.	0324	35839	10740	35515	
T.P.	1453	25320	11972	23867	
B.M.C.M. #1			11002	14318	B.M.C.M. #1 ∠ = 14.258

F.B. 2633 Pg. 196

Job No. 0021.93 Division No. 11 Notes Red Plotted Profile
Survey of CARBON MESA LANDSLIDE Date 6-25-62 Date No. X-Sec.
Survey by K. LIND Notes K. MYERS Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA	LANDSLIDE
BM #3	3 767	405 083		401 316	B.M. C.M ± 3 EL.	401.316
E-1			4 374	400 709		
E-2			4 384	400 699		
G-2			4 488	400 595		
T-P	1 365	396 006	10 442	394 641		
"	4 530	389 732	10 804	385 202		
"	5 528	384 290	10 970	378 762		
"	4 251	377 064	11 477	372 813		
"	2 909	369 247	10 726	366 338		
"	4 142	362 476	10 913	358 334		
"	7 083	358 174	11 390	351 084		
"	0 603	348 313	10 464	347 710		
"	1 672	339 207	10 778	337 535		
"	2 810	331 346	10 671	328 536		
G-3	4 054	326 686	8 714	322 632		
T.P	4 515	325 653	5 548	321 138		
D-1			7 252	318 401		
D-1A	1 977	321 192	6 438	319 215		
T.P.	3 706	313 344	11 554	309 638		
"	3 212	306 452	10 104	303 240		
"	1 148	297 485	10 115	296 337		

Profile Notes Red. Plotted Job No 22497 Division No. 11
No. X-Sec. Date Date Survey of CARBON MESA LANDSLIDE
Notes Chkd. Checked Survey by A.C.G. Notes R.D.S. Date 9-12-62
No. Date Date Map No. Indexed C.J.GALL Date 9-20-62

F. B. 2633 Pg. 197

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(P)

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STATION	B. S.	H. I.	F. S.	ELEV.		
		297 485				
T.P	1 907	289 148	10 244	287 241		
D-2	5 323	289 884	4 587	284 561		
T.P.	10 234	292 647	7 471	282 413	*	
E-3			7 320	285 327	SIDE SHOT	
T.P.	2 163	284 576		282 413	*	
"	1 118	274 856	10 838	273 738		
"	0 879	265 923	9 812	265 044		
"	1 115	256 860	10 158	255 765		
"	0 957	247 620	10 197	246 663		
C-2			8 550	239 070		
	0 972	237 662	10 930	236 690		
D-3	4 665	231 297	11 030	226 632		
T.P	1 570	222 999	9 868	221 429		
"	0 257	212 388	10 868	212 131		
"	0 777	203 180	9 985	202 403		
C-3			8 405	194 775		
T.P	0 627	193 627	10 180	193 000		
"	1 873	184 810	10 690	182 937		
"	5 096	178 203	11 703	173 107		
B-2			5 590	172 613		

F. B. 2633 Pg. 198

Job No. 0021 Division No. 11 Notes Red. Plotted Profile

Survey of CARBON MESA LAND SLIDE Date 9-12-62 Date No. X-Sec.

Survey by ACG Notes RDS Notes Chkd. Checked No.

Indexed E. J. GALLI Date Date Date

76L-298 S & E #307—1-56

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STATION	S. S.	H. I.	F. S.	ELEV.		
T.P.		178 203				
"	0 356	167 539	11 020	167 183		
"	1 210	159 335	9 414	158 125		
"	0 634	148 115	11 854	147 481		
	1 488	138 266	11 337	136 778		
	6 522	135 676	9 112	129 154	★	
B-3	0 954	134 432	2 198	133 478	SIDE SHOT	
	0 954	130 108		129 154	★	
	0 865	120 796	10 177	119 931		
	0 609	109 554	11 851	108 945		
B-4			8 958	100 596		
	0 647	98 599	11 602	97 952		
	0 483	87 467	11 615	86 984		
	4 050	80 661	10 856	76 611	★	
	5 210	81 336	4 535	76 126	SIDE SHOT	
B-5			3 962	77 374		
T.P	0 696	77 307		76 611	★	10 153
	0 554	66 594	11 267	66 040		
	0 708	56 028	11 274	55 320		
	1 171	47 140	10 059	45 969		
	1 703	38 690	10 153	36 987		

Profile Notes Red. ____ Plotted ____ Job No. 002142 Division No. 11 F. B. 2633 Pg. 199
No. ____ Date ____ Date ____ Survey of CARBON MESA LAND SLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by A C G Notes RDS Date 9-12-62
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 2633 Pg. 200

Job No. 0021.9N Division No. 11 Notes Red. Plotted Profile

Survey of CARBON MESA LAND SLIDE Date Date No.

Survey by ACG Notes RDS. Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI Date 9-12-62 Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	
		38 690			
	0 617	28 022	11 285	27 405	
	3 259	20 231	11 050	16 972	
			5 899	14 332	BM CM #1 ELEV = 14.258
BM					

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA	
CM #3	2963	404 279		401 316	✓BM Cm #3 ELEV=	401.316 pg 15
E1-G-1			3 591	400 688	✓Sta E-1-G-1	CS MON
E-2			3 601	400 678	✓ " E-2	1" IP
G-2	1 898	402 476	3 701	400 578	" G-2	"
TP	5 095	396 021	11 550	390 926		
	1 702	388 148	9 575	386 446		
	1 067	378 403	10 812	377 336		
	1 963	368 770	11 596	366 807		
	0 324	357 763	11 331	357 439		
	0 117	346 694	11 186	346 577		
	1 201	336 423	11 472	335 222		
TP	0 608	326 024	11 007	325 416		
G-3			3 826	322 198	✓Sta G-3	1" IP
TP	2 349	321 018	7 355	318 669		
D-1A			1 811	319 207	✓Sta D1A	1" IP
D-1			2 762	318 256	✓ " D-1	"
TP	0 797	310 878	10 937	310 081		
"	1 424	300 363	11 939	298 939		
"	1 000	289 863	11 500	288 863		
D-2			5 652	284 211	✓Sta D-2	2" IP w/ Brass cap
TP	11 340	291 699	9 504	280 359	*	

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 0021 89 Division No. 11 Survey of CARBON MESA LS Survey by ACG Notes AGG Date 1-28-62 Map No. Indexed E. J. CALL Date FEB 7 '62

F. B. 2633 Pg. 201

F. B. 2633 Pg. 202

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

Survey of Date. Date. No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed E. J. GALLI Date. Date. Date. No.

76L-298 S & E #307—1-56

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

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA	
		291 699				
E-3			6601	285 098	Sta E-3 (SIDE LINE)	2" IP w/Bt sp K
TP	0 417	280 776		280 359 *		
	0 674	269 772	11 678	269 098		
	0 785	258 814	11 743	258 029		
TP	0 497	247 502	11 809	247 005		
C-2			8 390	239 112	Sta C-2	
TP	0 141	236 094	11 549	235 953		
D- 3			9672	226 422	Sta D-3	CS MON
TP	0 827	225 618	11 303	224 791		
"	0 633	214 912	11 339	214 279		
"	1 337	204 555	11 694	203 218		
C-3			9 840	194 715	Sta C3	CS MON
TP	0 826	193 801	11 580	192 975		
"	0 717	183 000	11 518	182 283		
B-2			10 350	172 650	Sta B-2	CS MON
TP	0 312	171 596	11 716	171 284		
"	0 324	159 986	11 934	159 662		
	0 703	150 040	10 649	149 337		
	0 721	139 665	11 096	138 944		
B 3			6 143	133 522	BtA B-3	1" IP

Profile Notes Red. Plotted Job No 0021 Division No. 11
No. X-Sec. Date Date Survey of CARBON MESA F. B. 2633 Pg. 205
Notes Chkd. Checked Survey by ACG Notes ACG Date 1-28-63
No. Date Date Map No. Indexed B. J. GALLI Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		139 665				
TP	0 448	128 708	11 405	128 260		
"	0 343	117 160	11 891	116 817		
"	1 032	106 942	11 250	105 910		
B-4			6 458	100 484	Sta B-4	1" IP
TP	0 518	96 556	10 904	96 038		
"	0 362	84 957	11 961	84 595		
"	7 606	80 861	11 702	73 255*		
B-5			3 528	77 333	Sta B-5 (SIDE SHOT)	1" IP
TP	0 635	73 890		73 255**		
	0 317	62 647	11 560	62 330		
	0 278	52 095	10 830	51 817		
	0 563	40 880	11 778	40 317		
	0 672	32 602	8 950	31 930		
	1 283	22 141	11 744	20 858		
CM#1			7 783	14 358	CM#1 ELEV = 14.258	

F. B. 2633 Pg. 204
Job No. 0021 89 Division No. 11 Notes Red. Plotted Profile
Survey of CARBON MESA LS Date Date No. X-Sec.
Survey by ACG Notes ACG Notes Chkd. Checked
Indexed C. J. GALLI Date Date No.

Profile No. | Notes Red | Plotted | Job No. 0021.92 | Division No. 11 | F.B. 2633 | Pg. 205
Date | Date | Survey of CARBON MESA LANDSLIDE
X-Sec. No. | Notes Chkd. | Checked | Survey by LIND | Notes LIND | Date 6-21-63
Date | Date | Map No. | Indexed G. J. GALLI | Date 7-3-63

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STATION	B.S.	H.I.	F.S.	ELEV.	
					J.N. 0021.92 CARBON MESA LANDSLIDE AREA
					RE-RUN OF LEVELS OVER LANDSLIDE AREA
				6-21-63	
				LIND MACDONALD	
				MARTINEZ OHASHI	

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE AREA
C.M.#3	3059	404375		401316	C.M. #3 EL = 401.316, F.B. 2633-15
E-1			3700	400675	
E-2			3717	400658	
G-2	1007	401569	3813	400562	
T.P.	2634	393037	11166	390403	
T.P.	2555	384175	11417	381620	
T.P.	0731	374266	10640	373535	
T.P.	0462	363360	11368	362898	
T.P.	0593	352584	11369	351991	
T.P.	1313	342724	11173	341411	
T.P.	1187	331934	11977	330747	
G-3	3800	325463	10271	321663	
T.P.	0443	315228	10678	314785	
T.P.	2080	306219	11089	304139	
T.P.	1167	295688	11698	294521	
D-2			11902	283786	
E-3			10918	284770	
T.P.	0498	284733	11453	284235	
T.P.	0973	274368	11338	273395	
T.P.	1339	265129	10578	263790	
T.P.	0627	254428	11328	253801	

F.B. 2633 Pg. 206
Job No. 0021.42 Division No. 11 Notes Red Plotted Profile
Survey of CARBON MESA LANDSLIDE Date Date No. X-Sec.
Survey by LIND Notes LIND Notes Chkd. Checked
Indexed G. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA	LANDSLIDE
		254 428				
T.P.	0528	243 512	11 444	242 984		
C-2			4 410	239 102		
T.P.	0 562	232 402	11 672	231 840		
D-3			6373	226 029		
T.P.	0 680	221 374	11 208	221 194		
T.P.	0 420	210 375	11 919	209 955		
T.P.	1 833	201 180	11 028	199 347		
E-3			6 614	194 566		
T.P.	0 454	190 417	11 217	189 963		
T.P.	0 816	182 425	8808	181 609		
B-2			9779	172 646		
T.P.	2103	173 660	10868	171 557		
T.P.	0893	163 620	10 933	162 727		
T.P.	0787	152 766	11 641	151 979		
T.P.	0368	141 227	11 907	140 859		
B-3			7728	133 499		
T.P.	0465	130 109	11 583	129 644		
T.P.	0 488	118 977	11 620	118 489		
T.P.	0 659	107 843	11 793	107 184		
B-4			7 694	100 149		

Profile Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 2633 Pg. 207
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 6-21-63
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GAUL Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA	LANDSLIDE
		107 843				
T.P.	0820	96 795	11 868	95 975		
T.P.	0745	86 276	11 264	85 531		
B-5			9118	77158		
T.P.	0440	76 356	10 360	75 916		
T.P.	0527	65 403	11 480	64 876		
T.P.	0788	54 796	11 395	54 008		
T.P.	0534	44 845	10 485	44 311		
T.P.	0832	33 695	11 982	32 863		
T.P.	0310	22 634	11 371	22 324		
BM CM#1			8346	14 288	BM CM#1 EL=	14.258
					FB 2633-9	
STA G-3	3527	325 190		321 663	STA G-3, EL=	321,663 PG 2.2
TP	3002	323 861	4231	320 859		
D-1			5918	317 943		
D-1-A			4767	319 094		

F.B. 2633 Pg. 208
Job No. 002142 Division No. 11 Notes Red Plotted Profile
Survey of CARBON MESA LANDSLIDE Date Date No. X-Sec.
Survey by LIND Notes LIND Notes Chkd. Checked
Indexed C. J. GAIN Date Date Date No.

F. B. 2633 Pg. 1-9

Profile No. ____ X-Sec. No. ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Plotted ____ Date ____ Checked ____ Date ____
Job No. 0021.92 Division No. 11
Survey of CARLTON MESA LANDSLIDE AREA
Survey by LIND Notes LIND Date 9-26-63
Map No. ____ Indexed R. J. GALLI Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	
					J.N. 0021.92 CARLTON MESA LANDSLIDE AREA
					RE-RUN OF LEVELS OVER SLIDE AREA
			9-26-63		
		LIND MALDONADO MARTINEZ			
		ONASHI			

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F.B. 2633 Pg. 2/0 | Job No. 4021.92 | Division No. 1 | Notes Red | Plotted | Profile
Survey of Carbon Mesa Landslide | Date | No. | X-Sec.
Survey by L.H.D. | Notes | Notes Chkd. | Checked
Indexed R. J. Gallu | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE
BM CM #3	2712	404 028		401 316	BM CM #3 EL= 401.316
E-1			3328	400 700	
E-2			3347	400 681	
G-2			3441	400 587	
BM CM #3	0993	402 309	2712	401 316	
T.P.	0973	391 533	11749	390 560	
T.P.	0948	380 623	11858	379 675	
T.P.	0634	369 987	11270	369 353	
T.P.	0766	358 829	11924	358 063	
BM CM #2			1854	356 975	
BM CM #2	0834	357 828		356 989	BM CM #2 EL= 356.989
T.P.	0679	346 727	11780	346 048	
T.P.	0618	335 865	11480	335 227	
T.P.	0571	325 230	11200	324 665	
D-1	6075	324 057	7227	319 009	
D-1 A			4850	319 207	
T.P.	5961	325 545	4473	319 584	
G-3			4078	321 467	
T.P.	0629	314 355	11819	313 726	
T.P.	3515	306 590	11290	303 075	

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE	
		306 590				
T.P.	0934	296250	11274	295316		
T.P.	3486	288614	11122	285128		
D-2			4998	283616		
E-3			3969	284645		
T.P.	0893	278798	10709	277905		
T.P.	0847	269088	10557	268241		
T.P.	0374	258887	10575	258513		
T.P.	0512	248070	11329	247558		
C-2			9080	238990		
T.P.	0495	237526	11039	237031		
D-3	3842	229771	11597	225929		
T.P.	0418	219067	11122	218649		
T.P.	0499	208350	11216	207851		
T.P.	3928	200760	11518	196832		
C-3			6268	194492		
T.P.	0390	189302	11848	188912		
T.P.	1300	179442	11160	178142		
B-2			6850	172592		
T.P.	0292	168587	11147	168295		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 2633 Pg. 211
X-Sec. No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE AREA
Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 9-26-63
Date ____ Date ____ Map No. ____ Indexed R. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE	
		168 587				
T.P.	0811	158 348	11050	157 537		
T.P.	0602	147 676	11274	147 074		
T.P.	2918	138 943	11651	136 025		
B-3			5488	133 455		
T.P.	0658	128 202	11399	127 544		
T.P.	0811	119 178	9835	118 367		
T.P.	0554	108 927	10805	108 373		
T.P.	0661	99 006	10582	98 345		
T.P.	0331	87 550	11787	87 219		
T.P.	0409	76 578	11381	76 169		
T.P.	0697	65 326	11949	64 629		
T.P.	0880	54 656	11550	53 776		
T.P.	0805	44 356	11105	43 551		
T.P.	0838	33 795	11399	32 957		
T.P.	2161	24 773	11183	22 612		
BM CM #1			10502	14 271	BM C.M. #1 HC = 14.258 PER E.S. 2633-9	

F.B. 2633 PG. 212 Job No. 0021.92 Division No. 11 Notes Red Plotted Profile
Survey of CARBON MESA LANDSLIDE Date Date No. X-Sec.
Survey by LIND Notes Chkd. Checked
Indexed R. J. GALLI Date Date Date No.

F.B. 2633 Pg. 213

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0021.92 Division No. 11

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Carbon Mesa Landslide

Survey by C.K. Lind Notes J.M.M. Date 12-13-63

Map No. ____ Indexed C. J. GALLI Date JAN 7 64

J.N. 0021.92

CARBON MESA

LANDSLIDE AREA

RE-RUN of LEVELS

OVER

SLIDE AREA

12-13-63
C.K. Lind
J.M. Maldonado
E. Martinez
R.R. Rodriguez
T. Ohashi

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

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STATION	B.S.	H.I.	F.S.	ELEV.	Carbon Mesa Landslide
BM CM #3	2243	403 559		401 316	✓ BM CM #3 El. 401.316 C.E. Mon
E-1			2856	400703	✓
E-2			2875	400684	✓
G-2			2973	400586	✓
CM #3			2242	401317	✓
BM CM #2	1503	358492		356989	BM CM #2 El. 356.989 C.E. Mon
T.P	1094	347659	11927	346565	
"	0718	337031	11346	336313	
"	0647	326318	11360	325671	
"	2375	321685	7008	319310	*
D-1			3706	317979	✓
D-1 A			2497	319188	✓
T.P	5975	325285		319310	*
G-3			3943	321342	✓
TP	0885	315263	10907	314378	
"	1024	304671	11616	303647	
"	4179	298065	10785	293886	
TP	5445	294054	9456	288609	
D-2			10545	283509	✓
E-3			9484	284570	✓

F.B. 2633 Pg. 214

Job No. 0021.92 Division No. 11 Notes Red Plotted Profile

Survey of Carbon Mesa Landslide Date Date No. X-Sec.

Survey by Lind Notes J.M. Maldonado Notes Chkd. Checked No.

Indexed C. J. GALLI Date Date Date

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	Carbon Mesa Landslide
		294054		-	
TP	1498	283 829	11723	282331	
"	0575	273149	11255	272574	
"	0867	263169	10847	262302	
"	0522	252 077	11614	251555	
"	5476	245789	11764	240313	
C-2			6800	238989	-
—	0613	235687	10715	235074	
D-3	3009	228868	9828	225859	✓
T.P	0185	217565	11488	217380	
"	0760	206950	11375	206190	
"	2909	200808	9051	197899	
C-3			6230	194578	-
TP	0774	190135	11447	189361	
"	1186	180154	11167	178968	
B-2			7475	172679	-
T.P	0417	169231	11340	168814	
"	0792	158258	11765	157466	
"	0460	146996	11722	146536	
	4067	139269	11794	135202	
B-3			5717	133552	✓

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 2633 Pg. 215
Date ____ Date ____ Survey of Carbon Mesa Landslide
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Lind Notes T.M.M. Date 12-13-63
Date ____ Date ____ Map No. ____ Indexed C.J.G. Date ____

76-L298 CE 307 3-61

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F.B. 2633 Pg. 216 Job No. 002152 Division No. 11 Notes Red Plotted Profile
Survey of Carbon Mesa Landslide Date Date No. X-Sec.
Survey by Land Notes T.M. Maldonado Notes Chkd. Checked No.
Indexed C. J. C... Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	Carbon Mesa Landslide
		139269			
T.P.	0345	129090	10524	128745	
"	0745	118222	11613	117477	
"	0457	106981	11698	106524	
B-4			6947	100034	1" I.P. & Tag
T.P.	1160	97026	11115	95866	
"	0244	85473	11797	85229	
"	0327	74285	11515	73958	
"	1137	63823	11599	62686	
"	0669	52990	11502	52321	
"	0760	42614	11136	41854	
"	1204	32525	11293	31321	
	0878	22329	11074	21451	
BM CM #1			8126	14203	BM CM #1 El. 14.258 B+SPK. in CB.

Profile No. | Notes Red. | Plotted | Job No. 0021.92 | Division No. 11 | F. B. 2633 Pg. 217
Date | Date | Survey of Carbon Mesa Landslide
X-Sec. No. | Notes Chkd. | Checked | Survey by C.K. Lind | Notes J.M.M. | Date 3-30-64
Date | Date | Map No. | Indexed C. J. GALLI | Date APR 27 '64

J.N. 0021.92

CARBON MESA

LANDSLIDE AREA

RE-RUN LEVELS
OF
LANDSLIDE AREA

C.K. LIND
J.M. MALDONADO
N. SMITH
A. WORKMAN
T. OHASHI

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	
BM CM #3	2368	403684		401316	BM CM #3 El. 401.316 C.E. Mon
E-1			2992	400692	
E-2			3010	400674	
G-2			3108	400576	
CM #3			2368	401316	BM CM #3 C.E. Mon.
CM #2	0210	357199		356989	CM #2 C.E. Mon.
TP	0231	346103	11327	345872	
"	0716	335060	11759	334344	
"	1858	325104	11814	323246	
D-1A	2447	321662	5889	319215	1" I.P.
D-1			3667	317995	
T.P.	6500	325765	2397	319265	
G-3			4538	321227	1" I.P.
T.P.	1244	315871	11138	314627	
"	0630	305314	11187	304684	
"	0462	294585	11191	294123	
D-2			11150	283435	C.E. Mon
E-3			10065	284520	2" T.P. & St. SPK.
T.P.	1175	284662	11098	283487	
"	0244	274018	10888	273774	
"	2749	265350	11417	262601	
"	0186	254000	11536	253814	

F. B. 2633 Pg. 218 Job No. 0021 Division No. 11 Notes Red. Plotted Profile
Survey of Carbon Mesa Landslide Date Date No. X-Sec.
Survey by Ck. Lind Notes J.M. Maldonado Notes Chkd. Checked
Indexed C. J. CALLI Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		254 000				
T.P.	0454	243 803	10651	243349		
C-2			4790	239 013	✓ 1" I.P.	
T.P.	0445	232570	11 678	232 125		
D-3			6796	225774	✓ C.E. Mon.	
T.P.	0445	221626	11389	221 181		
"	0186	210059	11 753	209873		
"	2396	201286	11169	198890		
C-3			6853	194433	✓ C.E. Mon.	
T.P.	0345	190168	11 463	189823		
"	0409	179 219	11 358	178810		
B-2			5648	173571	✓ 2" I.P Bt. SPK.	
T.P.	0357	168 958	10 618	168 601		
"	0682	158 833	10807	158151		
"	0187	148251	10769	148064		
"	1532	138349	11434	136817		
B-3			4915	133434	✓ 1" I.P.	
T.P.	0531	127779	11 101	127248		
"	0681	117029	11431	116348		
	0695	106597	11 127	105902		
B-4			6609	99988	✓ 1" I.P	

Profile Notes Red. ____ Plotted ____ Job No. 0021.92 Division No. 11 F. B. 2633 Pg. 219
No. ____ Date ____ Date ____ Survey of Carbon Mesa Landslide
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes J.M.M. Date 3-30-68
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		106 597				
T.P	0658	95850	11405	95192		
"	0439	84824	11465	84385		
"	0601	74894	10531	74293		
"	0168	64084	10978	63916		
"	1304	54758	10630	53454		
"	0502	44601	10659	44099		
"	0203	34567	10237	34364		
	0648	23246	11969	22598		
BM #1			8948	14298	BM #1 Elev. 14.258	Bt. SPK. in Cb.

F. B. 2633 PG. 220

Job No. 0021.92 Division No. 11 Notes Red. Plotted Profile

Survey of Carbon Mesa Landslide Date Date No.

Survey by C. K. Lind Notes J. M. Maldonado Notes Chkd. Checked X-Sec.

Indexed C. J. GAIN Date Date Date No.

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0021.92 Division No. 11 F.B. 7633 Pg. 221

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of CARBON MESA LANDSLIDE AREA

Survey by LMD Notes LMD Date 7-9-64

Map No. ____ Indexed E. J. GALLI Date JUL 2 1964

J.N. 0021.92

CARBON MESA LANDSLIDE AREA

STATION	B.S.	H.I.	F.S.	ELEV.	
					TIE RUN OF LEVELS OVER LANDSLIDE AREA
			7-9-64		
		LMD MALDONADO CHACHI			
		ROD RIGUEZ			

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76-1298 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 2633 Pg. 111 — Job No. 0021.42 — Division No. 11 — Notes Red — Plotted — Profile
Survey of Carbon Mesa — Date 4-8-64 — Notes 2 sheets — Date — No. — X-Sec.
Survey by Land — Notes Land — Notes Chkd. — Checked — Date — No.
Indexed G. J. GALLI — Date — Date — Date

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LAND S.C.O.R. 7-9-64
BM C.M. #3	2145	403 464		401 318	BM C.M. #3 elev 401.316 FB 2633-15
E-1			2738	400 726	
E-2			2791	400 673	
G-2	2960	403 536	2888	400 576	
BM C.M. #3			2221	401 315	BM C.M. #3 elev 401.316 FB 2633-15
BM C.M. #2	1783	353 772		352 989	BM C.M. #2 elev 352.989 FB 2633-14
T.P.	0721	347 973	11520	347 252	
T.P.	0958	337 422	11497	336 476	
T.P.	0420	327 558	10288	327 138	
T.P.	5341	324 287	8670	318 833	*
D-1			6302	317 985	
D-1A			5077	319 210	
T.P.	6510	325 398		318 888	*
G-3			4277	321 121	
T.P.	0562	315 070	10 510	314 508	
T.P.	0479	305 968	9521	305 489	
T.P.	0292	295 340	11518	294 456	
D-2			12010	283 330	
E-3			10892	284 448	54 MA
D-2	3450	286 780		283 330	

76-L298 CE 307 3-61

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Profile Notes Red. Plotted. Job No. 0021.42 Division No. 11 F.B. 1693 Pg. 223
No. X-Sec. Date Survey of CARBON MESA LAND SURVEY Date 7-9-64
No. Date Notes Chkd. Checked Survey by L. W. D. Notes Date 7-9-64
Date Map No. Indexed Date

CARBON MESA LAND SURVEY 7-9-64

STATION	B. S.	H. I.	F. S.	ELEV.
		286780		
T.P.	2570	277601	11749	275031
T.P.	4681	267419	10879	266722
T.P.	0416	256695	11140	256279
T.P.	0478	245811	11562	245133
C-2			6803	239008 ✓
T.P.	0951	235522	11240	234571
D = 3			9792	225730 ✓
T.P.	0311	224251	11582	223940
T.P.	4607	213387	11471	212780
T.P.	1108	203370	11125	202262
C-3			8913	194457 ✓
T.P.	0588	192727	11231	192139
T.P.	0737	182664	10798	181929
B-2			10082	172584 ✓
T.P.	0668	172063	11271	171396
T.P.	0853	162704	10210	161853
T.P.	0839	152182	11363	151343
T.P.	1091	141342	11931	140251
T.P.	3931	135373	9900	131442
B-3			1928	133445 ✓

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LAND SIDE 7-9-64
		135 373			
T.P.	0620	124 322	11 671	123 702	
T.P.	0973	113 927	11368	112 954	
T.P.	0400	102 468	11859	102 068	
B-4			2541	99 927	
T.P.	0463	91 023	11 908	90 560	
T.P.	0763	80 880	10 906	80 117	
T.P.	1414	70 503	11791	69 089	
T.P.	0660	59 335	11 828	58 675	
T.P.	1322	50 037	10 620	48 715	
T.P.	0620	39 227	11430	38 607	
T.P.	0745	29 001	10 971	28 256	
T.P. 1	2499	20 146	11354	17 647	
By C.M. # 1			5892	14 254	By C.M. #1
					EL = 14.258 PER FB 2633-9

F.B. 2633 PG. 224

Job No. 8021.92 Division No. 11 Notes Red Plotted Profile

Survey of CARBON MESA LAND SIDE Date Date No. X-Sec.

Survey by LIND Notes LIND Notes Chkd. Checked

Indexed [redacted] Date Date Date No.

Profile No. | Notes Red | Plotted | Job No. 0021.92 | Division No. 11 | F.B. 2633 | Pg. 225
Date | Date | Survey of CARBON MESA LANDSLIDE AREA
X-Sec. No. | Notes Chkd. | Checked | Survey by LIND | Notes LIND | Date 12-21-64
Date | Date | Map No. | Indexed G. J. GALLI | Date JAN 6 '65

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STATION	B.S.	H.I.	F.S.	ELEV.	
					J.N. 0021.92 CARBON MESA LANDSLIDE AREA
					RE-RUN OF LEVELS OVER LANDSLIDE AREA
			12-21-64		
		LIND MOODY WILL			

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE 12-21-64
BM C.M. #3	2986	404 302		401 316	B.M. C.M. #3 EL = 401.316 F.B. 2633-15
T.P.	6018	404 581	5739	398 563	
E-1			3867	400 712	
E-2			3929	400 652	
G-2	2960	403 521	4020	400 561	
BM C.M. #3			2205	401 316	B.M. CM #3 EL = 401.316 F.B. 2633-15
BM C.M. #2	0358	357 347		356 989	B.M. CM #2 EL = 356.989 F.B. 2633-14
T.P.	0238	345 612	11 973	345 374	
T.P.	0688	334 391	11 909	333 703	
T.P.	2151	324 601	11 941	322 450	
D-1-A			5390	319 211	
D-1			6676	317 925	
T.P.	4077	324 630	4048	320 553	
G-3			3646	320 984	
T.P.	0397	313 248	11 779	312 851	
T.P.	0506	302 128	11 626	301 622	
T.P.	2937	295 113	9952	292 176	
D-2			11 870	283 243	
E-3			10717	284 396	
T.P.	0481	284 022	11 572	283 541	

F.B. 2633 PG. 226
Job No. 0021-92 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of CARBON MESA LANDSLIDE Date ____ Date ____ No. ____
Survey by LIND Notes LIND Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLI Date ____ Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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Profile Notes Red ____ Plotted ____ Job No. 0021.32 Division No. 11 F. B. 2637 Pg. 227
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. ____ Notes Chkd ____ Checked ____ Survey by ____ Notes ____ Date 12-22-64
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

CARBON MESA LANDSLIDE

STATION	B. S.	H. I.	F. S.	ELEV.
		284 022		
T.P.	0293	272 694	11626	272396
T.P.	0762	262 518	10934	261 756
T.P.	0515	251 443	11590	250 928
T.P.	10979	250 891	11531	239 912
C-2			11875	239 016
T.P.	0387	240 299	10979	239 912
T.P.	2383	231 675	11012	229 292
D- 3	3648	229 933	5798	225 635
T.P.	0732	218 402	11603	217 272
T.P.	0649	206 764	11937	206 115
T.P.	6018	201 171	11-20	195 153
C-3	7012	200 915	7248	193 903
T.P.	0552	190 159	11303	189 607
T.P.	0536	179 339	11200	178 553
B-2			6773	172 616
T.P.	0542	168 513	11418	167 971
T.P.	0498	157 580	11431	157 082
T.P	0593	146 907	11271	146 309
T.P.	4066	139 224	11749	135 158
B- 3			5742	133 492

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE 12-22-64
		139 [illegible]			
T.P.	0488	127 939	11 723	127 501	
T.P.	0712	117 119	11 582	116 4[illegible]	
T.P.	0512	106 097	11 534	105 585	
B-4			6149	99 948	
T.P.	[illegible]	94 753	11 9[illegible]	94 182	
T.P.	0744	83 540	11 95[illegible]	82 796	
T.P.	0712	72 [illegible]	11 8[illegible]	71 [illegible]	
T.P.	0 60[illegible]	61 44[illegible]	11 [illegible]	60 840	
T.P.	0 7[illegible]	50 [illegible]	11 [illegible]	49 913	
T.P.	[illegible]	[illegible]	11 [illegible]	[illegible] 17[illegible]	
T.P.	0 654	28 61[illegible]	11 [illegible]	27 [illegible]	
T.P.	[illegible]	20 33[illegible]	11 [illegible]	17 [illegible]	
BM CM#1			6017	14 314	BM CM#1 EL = 14.258 PER FB. [illegible]

F.B. 2633 PG. 228
Job No. 002192 Division No. Notes Red Plotted Profile
Survey of CARBON MESA LANDSLIDE Date Date No. X-Sec.
Survey by LIND Notes Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 2633 Pg. 229

X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey of CARBON MESA LANDSLIDE

Date ____ Date ____ Survey by LIND Notes MOODY Date 7-28-65

Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 5 '68

J.N 0021.92

CARBON MESA LANDSLIDE AREA

RE-RUN OF LEVELS

OVER

LANDSLIDE AREA

STATION	B.S.	H.I.	F.S.	ELEV.
		MOODY WORKMAN WILL	7-28-65	

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76-L296 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE
BM, C.M. #3	4368	405 684		401 316	BM, C.M. #3 EL = 401.316 FB 2633-15
E-1			4959	400 725	
E-2			5024	400 660	
G-2			5114	400 570	
BM. CM #3			4369	401 315	BM, C.M. #3 EL = 401.316 FB. 2633-15
BM, C.M. #2	0308	357 297		356 989	BM, C.M. #2 EL 356.989 FB 2633-14
T.P.	0856	346 475	11678	345 619	
TP	0673	335 208	11940	334 535	
TP	0522	324 308	11422	323 786	
D-1 A			5100	319 208	
T.P.	9100	325 070	8338	315 970	
G-3			4420	320 650	
T.P.	0300	313 705	11665	313 405	
TP	0238	302 168	11775	301 930	
TP	0783	291 225	11726	290 442	
D-2	6983	289 958	8250	282 975	
E-3			5761	284 197	
T.P.	1734	279 751	11941	278 017	
T.P.	0437	268 530	11658	268 093	
TP	0363	257 793	11100	257 430	

F.B. 2633 Pg. 230 Job No. 0021.92 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of CARBON MESA LANDSLIDE Date ____ Date ____ No. ____
Survey by LHD Notes MOODY Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. J. GALLI Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA	LAND SLIDE
T.P.	0591	246 644	11 740	246 053		
T.P.	9540	244 496	11 688	234 956		
C-2			5550	238 946		
T.P.	0585	233 256	11825	232 671		
D-3			7826	225 430		
TP	0675	222 024	11907	221 349		
T.P.	0596	210 801	11819	210 205		
T.P.	2151	201 604	11348	199 453		
C- 3			7808	193 796		
TP	0986	191 008	11582	190 022		
TP	0669	180 851	10 826	180 182		
B-2			8280	172 571		
TP	0408	169 687	11572	169 279		
TP	0829	158 684	11 832	157 855		
TP	0238	147 442	11480	147 204		
TP	2519	138 490	11471	135 971		
B-3	1020	134 460	5050	133 440		
T.P.	0229	122 964	11725	122 735		
T.P.	0336	112 272	11028	111 936		
T. P	2038	102 892	11418	100 854		
B - 4			3072	99 820		

Profile Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 2633 Pg. 231
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes MOODY Date 7-28-65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	CARBON MESA LANDSLIDE	
TP	0390	91 702	11580	91 312		
TP	0849	80 976	11575	80 127		
TP	0580	70 303	11253	69 723		
T.P.	0182	58 734	11751	58552		
T.P.	0225	47 746	11213	47521		
T.P.	0776	36 654	11868	35878		
T.P.	0193	25 330	11517	25 137		
BM, CM #1			11045	14285	BM C.M #1 EL=14.258	FB2633-9

F.B. 2633 PG. 232 Job No. 0021.92 Division No. 11 Notes Red Plotted Profile
Survey of CARBON MESA LANDSLIDE Date Date No. X-Sec.
Survey by LIND Notes MOODY Notes Chkd. Checked
Indexed G. J. GALLI Date Date Date No.

Profile No. | Notes Red | Plotted | Job No. 0021.92 | Division No. 11 | F.B. 2633 | Pg. 733

Profile No. | Date | Date | Survey of CARBON MESA LANDSLIDE

X-Sec. No. | Notes Chkd. | Checked | Survey by LIND | Notes DOVER | Date 1-12-66

X-Sec. No. | Date | Date | Map No. | Indexed | Date

JN 0021.92

CARBON MESA LANDSLIDE AREA

RE-RUN OF LEVELS

OVER

LANDSLIDE AREA

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

1-12-66
C. K. LIND
R. DOVER
R. SWANN
R. ALMANZAN

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76-1.298 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 2633 Pg. 234 Job No. 002/92 Division No. // Notes Red ____ Plotted ____ Profile ____
Survey of CARBON MESA LANDSLIDE Date ____ No. ____ X-Sec. ____
Survey by GINO Notes ____ Notes Chkd. ____ Checked ____
Indexed ____ Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	CARBON MESA LANDSLIDE
B.M, C.M #3	2.501	403.817		401.316	B.M., C.M #3 Elev. = 401.916 FB 2633-15
T.P.	1.939	401.874	3.882	399.935	1X2 STK.
E-1			4.152	400.722	
E-2			4.221	400.653	
G-2			4.305	400.569	
T.P.	4.462	404.397	4.939	399.935	
B.M, C.M #3			3.082	401.315	B.M. C.M. #3 Elev. 401.316 FB 2633-15
B.M, C.M #2	0.822	357.811		356.989	B.M., C.M #2 Elev = 356.989 FB 2633-14
T.P.	0.733	347.474	11.070	346.741	
T.P.	2.028	337.772	11.730	335.744	
T.P.	0.600	327.044	11.328	326.444	
T.P.	2.479	320.743	8.780	318.264	
D-1A	1.539	320.743	1.539	319.204	
T.P.	6.270	324.534	2.479	318.264	
G-3			4.571	319.963	
T.P.	1.080	314.356	11.258	313.276	
T.P.	0.813	303.494	11.675	302.681	
T.P.	0.728	293.141	11.078	292.416	
D-2			10.690	282.451	
E-3			9.320	283.821	

76-1-298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.		293.141	11.962	281.179		
T.P.	1602	282.781	10.722	272.059		
T.P.	0230	272.289	11.016	261.273		
T.P.	0480	261.753	10.818	250.935		
T.P.	0.330	251.265	11.735	239.530		
T.P.	0.638	240.168	11.530	228.638		
T.P.	1317	229.955				
D-3			5048	224.907		
T.P.	0235	218.960	11.230	218.725		
T.P.	0240	207.665	11.535	207.425		
T.P.	4.469	201.707	10.427	197.238		
C-3			7950	193.757		
T.P.	0220	190.136	11.791	189.916		
	0813	179.388	11.561	178.575		
B-2			6780	172.608		
T.P.	0.451	168.072	11.764	167.621		
T.P.	0880	157.353	11.599	156.473		
T.P.	0606	146.869	11.090	146.263		
T.P.	2017	137.147	11.739	135.130		
B-3			3.671	133.476		
T.P.			10.852	126.295		

Profile Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 2633 Pg. 235
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes POTER Date 1-12-76
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L298 CE 307 3-61

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F.B. 2633 Pg. 23C | Job No. 002.92 | Division No. 11 | Notes Red | Plotted | Profile
Survey of CARBON MESA LANDSLIDE | Date | No.
Survey by | Notes | Notes Chkd. | Date | X-Sec.
Indexed | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.(CONT)	0951	127.246		126.295		
T.P.	0.638	116.778	11 106	116.140		
T.P.			11 503	105275		
B-4			17.403	99.375		
	1014	106289				
T.P.			11 705	94584		
T.P.	1 148	95.732	11.622	84.110		
T.P.	0335	84.445	11.961	72.484		
T.P.	0564	73.048	11 392	61.656		
T.P	1.131	62.787	11.358	51.429		
T.P.	0530	51.959	11 679	40.281		
T.P.	0 222	40.503	10.749	29.754		
T.P.	1.329	31.083	10.680	20.403		
B.M, C.M #1	1.223	21.626	7341	14 285	B.M, C.M # 1 Elev. = 14 258	F.B. 2633-9

F.B. 2633 Pg. 237

Profile No. ____ Notes Red ____ Plotted ____ Job No. 002192 Division No. ____
Date ____ Date ____ Survey of CARBON MESA LANDSLIDE AREA
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by LIND Notes DOVER Date 7-18-66
Date ____ Date ____ Map No. ____ Indexed C. J. GALL Date AUG 16 '66

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STATION	B.S.	H.I.	F.S.	ELEV.	
					J.N. 0021.92
					CARBON MESA LANDSLIDE
					RE-RUN OF LEVELS OVER LANDSLIDE AREA
			7-19-66		
		DOVE 12 DUERBECK ALMANZAN PETERSON			

7-1-296 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 2633 Pg. 238 | Job No. 0021.82 Division No. 11 Notes Red ____ Plotted ____ Profile
Survey of CARBON MESA LANDSLIDE AREA Date ____ No. ____ X-Sec.
Survey by C.K. LIND Notes R.J. ALMANZAN Notes Chkd. ____ Checked ____ No.
Indexed C.J. GALLI Date ____ Date ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV.		
B.M., C.M.#3	3.474	404.790		401.316	B.M., C.M.#3 EL=401.316	F.B. 2633-15
E-1			4.113	400.677		
E-2			4.202	400.588		
G-2			4.273	400.517		
BM, C.M.#3			3.474	401.316	B.M., C.M.#3 EL=401.316	F.B. 2633-15
B.M., C.M.#2	0.554	357.543		356.989	B.M., C.M.#2 EL=356.989	FB 2633-14
T.P.	0.241	346.545	11.239	346.304		
T.P.	0.462	335.716	11.291	335.254		
T.P.	0.734	325.517	10.933	324.783		
T.P	5.269	322.075	8.711	316.806		
INTERSECTION			4.512	317.563	1X2 STAKE	
D-1A			2.852	319.223		
T.P.	4.616	321.420	5.271	316.804		
TP	5.156	323.674	2.902	318.518		
G-3			4.904	318.770		
TP	0.750	314.002	10.422	313.252		
TP	0.576	303.541	11.037	302.965		
TP	1.004	293.081	11.464	292.077		
E-3			9.918	283.163		
TP			11.704	281.377		

76-L 298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.
TP	1.508	282.885		281.377
D-2			1.314	281.571
TP	3.168	274.130	11.923	270.962
TP	0.767	264.450	10.447	263.683
TP	0.252	253.968	10.734	253.716
TP	0355	243.161	11.162	242.806
TP	0.760	232.627	11.294	231.867
D-3			8.290	224.337
TP	0.709	223.544	9.792	222.835
TP	0.763	213.025	11.282	212.262
TP	1.227	203.580	10.672	202.353
C-3			10.162	193.418
TP	0.689	192 629	11.140	191.940
TP	0.194	181.467	11.356	181.273
B-2			8.803	172.664
TP	0.648	170.753	11.362	170.105
TP	0.436	160.028	11.161	159.592
TP	0.652	149.529	11.151	148.877
TP	0.336	138.650	11.215	138.314
B-3			5.140	133.510
TP			11.788	126.862

Profile Notes Red Plotted Job No. 0021.92 Division No. 11
No. X-Sec. Date Date Survey of CARBON MESA LANDSLIDE AREA
No. Date Notes Chkd. Checked Survey by C.K. LIND Notes ADVANTAGE Date
Date Map No. Indexed C. J. GALDate

F.B. 26433 Pg. 239

76-L298 CE 307 3-61

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F.B. 2633 PG. 240 Job No. 002193 Division No. II Notes Red Plotted Profile
Survey of CARBON MESA LAND SLIDE AREA Date Date No. X-Sec.
Survey by LIND Notes R. ALMANZAN Notes Chkd. Checked No.
Indexed C. N. GALLI Date Date

STATION	B. S.	H. I.	F. S.	ELEV.		
TP	0.489	127.351		126.862		
TP	0.753	116.024	11.580	115.771	✓	
TP	0.689	105.696	11.017	105.007	✓	
B-4			6.945	98.751	✓	
TP	0.404	94.839	11.261	94.435	✓	
TP	0.276	83.735	11.380	83.459	✓	
TP	0.898	73.195	11.438	72.297	✓	
TP	0.656	62.807	11.044	62.151	✓	
TP	0.981	52.230	11.558	51.249	✓	
TP	0.702	40.557	11.875	40.355	✓	
TP	0.811	29.927	11.441	29.116	✓	
TP	1.943	20.316	11.554	18.373	✓	
B.M., C.M.#1			5.984	14.332	✓	B.M., C.M. #1 ELEV. 14.258 F.B. 2633-9

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Notes Chkd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 0021.92 Division No. 11

Survey of CARBON MESA LANDSLIDE AREA

Survey by LIND Notes JONES Date 1-11-67

Map No. ____ Indexed C. J. CALLI Date JAN 19 '67

F.B. 2633 Pg. 241

J. N. 0021.92

CARBON MESA LANDSLIDE AREA

RE-RUN OF LEVELS

OVER

LANDSLIDE AREA

1-11-67

LIND
JONES
SWANN
JACKSON

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

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F.B. 2633 Pg. 262 Job No. 9021.92 Division No. 11 Notes Red Plotted Profile
Survey of CARBON MESA LANDSLIDE Date 1-11-67 Date No. X-Sec.
Survey by L.A.N.D. Notes JONES Notes Chkd. Checked No.
Indexed C.J. GALLI Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
B. M., C.M.#3	2131	403447		401.316	B.M., C.M.# 3 EL.= 401.316	F.B. 2633-15
T. P.	5382	405020	3809	399.638		
E-1			4315	400.705		
E-2			4397	400.623		
G-2			4472	400.548		
B.M. C.M.#3			3712	401.308	B. M. C.M. # 3 EL.= 401.316	F.B. 2633-15
B.M. C.M.#2	0269	357254		356.989	B.M. C.M.#2 EL.= 356.989	F.B. 2633-14
T. P.	0800	347123	10931	346.323		
T. P	1563	337381	11305	335.818		
T. P.	0177	326240	11318	326063		
T. P.	4649	320689	10200	316.040		
D-1A			1474	319.215		
T. P.	7723	322827	5585	315.104		
G-3			4477	318.350		
T. P.	0818	315027	8618	314.209		
T. P.	0227	303414	11840	303.187		
T. P.	0290	291904	11800	291614		
E-3			8982	282.922		
T. P.	5353	292445	4812	287.092		
D-2			11218	281.227		

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
D-2	5 679	286 906		281.227		
T.P.	0 514	276 478	10 942	275.964		
T.P.	1 290	266 592	11 176	265.302		
T.P.	0 687	255 454	11 825	254.767		
T.P.	1 008	245 295	11 167	244.287		
T.P.	0 609	234 512	11 392	233.903		
D-3	4 985	229 077	10 420	224.092		
T.P.	0 307	218 164	11 220	217.857		
T.P.	0 363	207 514	11 013	207.151		
T.P.	3 239	198 815	11 938	195.576		
C-3			5 464	193.151		
T.P.	0 623	187 939	11.449	187.366		
T.P.	1 560	178 234	11 315	176.674		
B-2			5 630	172.604		
T.P.	0 177	166 976	11 435	166.799		
T.P.	0 855	156 708	11 123	155.853		
T.P.	0 218	145 356	11 570	145.138		
T.P.	2 413	135 969	11 800	133.556		
B-3			2 510	133.459		
T.P.	0 813	125 384	11 398	124.571		
T.P.			11 348	114.036		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 2633 Pg. 243
Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by LIND Notes JONES Date 1-11-67
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L298 CE 307 3-61

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F.B. 2633 Pg. 244 Job No. 022132 Division No. 11 Notes Red Plotted Profile
Survey of CARBON MESA LAND SLIDE Date 1-11-67 Date No. X-Sec.
Survey by LAND Notes JONES Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
T. P.	0 550	114 586		114 036		
T. P.	0290	105 068	9808	104.778		
B-4			6593	98.475		
T. P.	1595	94 961	11702	93.366		
T. P.	0 200	83 768	11393	83.568		
T. P.	0645	72 790	11623	72.145		
T. P.	0560	61 770	11580	61.210		
T. P.	1 268	52 075	10963	50.807		
T. P.	1 090	41 365	11800	40.275		
T. P.	0 492	29 988	11869	29.496		
T. P.	2 030	20 362	11652	18.332		
B.M. C.M. #1			6 080	14.286	B.M. C.M. #1 Elev. = 14.258 F.B. 2633-9	

Profile No.	Notes Red.	Plotted	Job No. 0021.92	Division No. 11	F. B. 2633 Pg. 245
	Date	Date	Survey of CARBON MESA LANDSLIDE AREA		
X-Sec. No.	Notes Chkd.	Checked	Survey by LIND	Notes LIND Date 7-28-67	
	Date	Date	Map No.	Indexed C. J. GALLI Date AUG 10 '67	

J.N. 0021.92

CARBON MESA LANDSLIDE AREA

RE-RUN OF LEVELS

OVER

LANDSLIDE AREA

JULY 28, 1967

LIND
FALSEY
WISDOM

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

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781.298 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM C.M. #3	1572	402.888		401.316	B.M. C.M. #3 El=	401.316 FB 2633-15
T.P.	5851	405.319	3420	399.468.		
E-1			4642	400.677.		
E-2			4735	400.584.		
G-2			4807	400.512.		
T.P.	[illegible]	402.885	5852	399.467.		
BM C.M. #3			[illegible]	401.316.	B.M. C.M. #3 El=	401.316 FB 2633-15
BM C.M. #2	0679	357.668		356.989	B.M. C.M. #2 El=	356.989 FB 2633-14
T.P.	0754	347.074	11348	346.320.		
T.P.	0958	336.249	11783	335.291.		
T.P.	0757	325.681	11325	324.924.		
T.P.	9798	324.288	11191	314.490.		
D-1 A			5077	319.211.		
T.P.	6427	321.055	9660	314.628.		
G-3	[illegible]	[illegible]	4050	317.005.		
T.P.	1368	316.813	5610	315.445.		
T.P.	2650	307.814	11649	305.164.		
T.P.	0769	297.155	11428	296.386.		
T.P.	3650	289.482	11323	285.832.		
E-3			7530	282.152.		

F. B. 2633 Pg. 246
Job No. 0031.92 Division No. 11 Notes Red. Plotted Profile
Survey of CARBON MESA LAND SLIDE Date Date No. X-Sec.
Survey by [illegible] Notes Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		289 482				
D-2			9316	280 167.		
T.P.	2 183	280 392	11 269	278 213.		
T.P.	1 155	270 105	11 446	268 950.		
T.P.	1 274	261 211	10 168	259 937.		
T.P.	1 085	251 113	11 183	250 028.		
T.P.	0 263	240 066	11 310	239 803.		
T.P.	0 500	229 079	11 487	228 579.		
D-3			5 662	223 417.		
T.P.	0 750	218.674	11 155	217 924.		
T.P.	0 760	207.714	11 720	206 954.		
T.P.	4 087	200.381	11 420	196.294.		
C-3			7 483	192 898.		
T.P.	0 874	189 751	11 504	188 877.		
T.P.	1 775	180 098	11 428	178 323.		
B-2			7 511	172 587.		
T.P.	0 365	169 113	11 350	168 748.		
T.P.	0.283	158.201	11 195	157 918.		
T.P.	0.760	147 732	11 229	146 972.		
T.P.	2.160	137 939	11 953	135 779.		
B-3			45.33	133 406.		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 002192 Division No. 11 F. B. 2633 Pg. 247
Date ____ Date ____ Survey of [illegible] Date 7-28-67
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		137 939				
T.P.	0 465	126 871	11 533	126 406.		
T.P.	0 374	115 952	11 293	115 578.		
T.P.	0 638	104 947	11 693	104 259.		
B-4			7 352	97 595.		
TP	1 240	94.759	11 426	93 519.		
TP	0.351	84 222	11 388	83 371.		
TP	0.677	73 455	11 444	72 778.		
TP	0.860	62 580	11 735	61 720.		
TP	0 975	51.772	11 783	50 797.		
TP	0 331	40 810	11 293	40 479.		
T.P.	0.577	29.942	11 445	29 365.		
T.P.	2 326	20 620	11 648	18 294.		
B.M.-CM#1			6 357	14 263.	BM.-CM#1 EL= 14,258 FB-2633-9	

F. B. 2633 Pg. 748 Job No. 0021.92 Division No. 11 Notes Red. Plotted Profile
Survey of Garbon Mt. Lancaster Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

F. B. 2633 Pg. 249

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11
Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 1-5-68
Date ____ Date ____ Map No. ____ Indexed C. J. GALLO Date JAN 19 '68

STATION	B.S.	H.I.	F.S.	ELEV.
				1-5-68
		STRADER	LIND	
		SMITH		
		MUNOZ		
		FISHER		

UN 0021.92

CARBON MESA LANDSLIDE

PRE-RUN OF LEVELS

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76-298 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 2633 Pg. 250 Job No. 002.91 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Cahuenga Mesa Loop 2SL-10E Date ____ No. ____ X-Sec. ____
Survey by Lutz Notes Lutz Notes Chkd. ____ Checked ____ No. ____
Indexed ____ Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
Bm Cm #3	1882	403 188		401 316	Bm Cm # 3 EL= 401.316 FB 2633-15	
T.P.	4763	405 234	2685	400 471		
E-1			4536	400 702		
E-2			4623	400 613		
G-2			4734	400 502		
T.P.	4617	403 037	6816	398 420		
Bm Cm #3			1723	401 314	Bm Cm #3 EL= 401.316 FB 2633-15	
Bm Cm # 2	0636	357 625		356 989	Bm C.M. # 2 EL= 356.989 FB 2633-14	
T.P.	0277	347 354	11148	346 477		
T.P.	0241	335 900	11695	335 659		
T.P.	0313	324 576	11637	324 263		
TP	9913	323 677	10812	313 764		
D I A	4470	323 677	4470	319 207		
T.P.	7117	320 891	9913	313 764		
G-3	4137	320 850	4169	316 713		
TP	0304	310 345	10807	310 041		
T.P.	0210	299 327	11223	299 117		
T.P.	0574	288 756	11145	288 182		
E-3			6771	291 985		
G-2	0455	280 903	8902	279 448		

76-1 298 CE 307 3-61

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Profile Notes Red ____ Plotted ____ Job No. 4021.92 Division No. 11
No. ____ Date ____ Date ____ Survey of Gate Row Main Canal to Line
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lines Notes Lines Date 1-5-68
No. ____ Data ____ Date ____ Map No. ____ Indexed C. I. GALL Date ____

F. B. 2033 Pg. 251

STATION	B. S.	H. I.	F. S.	ELEV.		
		280 903				
T.P.	0 409	270 072	H 240	269663		
T.P.	0 202	260 030	10238	259 934		
T.P.	0 314	249 979	10373	249663		
T.P.	0 179	238 204	11954	238 025		
T.P.	0 722	229 169	9757	228 447		
B-3			5828	223 341		
T.P.	0 299	218 124	11342	217 825		
T.P.	0 347	207 201	11272	206 854		
T.P.	2 122	199 845	9478	197 723		
C-3			6925	192 920		
T.P.	0 355	189 556	10644	189 201		
T.P.	0 897	179 133	11320	178 236		
B-2			6522	172 611		
T.P.	0 220	168 870	10477	168 650		
T.P.	0 417	158 220	11073	157 803		
T.P.	0 522	147 612	11130	147 090		
T.P.	2 285	138 707	11790	135 822		
B-3			5248	133 459		
T.P.	0 736	128 025	11418	127 289		
T.P.	0 967	117 400	11592	116 433		

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		117 400				
T.P.	0175	107 609	9966	107434'		
B-4			10109	97500'		
T.P.	1008	98 137	10480	97129'		
TP	0477	87 490	11124	87013'		
TP	0458	76 500	11448	76042'		
TP	0738	65 397	11241	64659'		
TP	1454	55 621	11230	54167'		
T.P.	0364	45 179	10806	44815'		
T.P.	0881	35 610	10450	34729'		
TP	0184	25 332	10462	25148'		
BM CM #1			11040	14292'	BM C.M. #1 EL = 14.258	
					F.B. 2633-9	

F. B. 2633 PG. 252
Job No. 002192 Division No. 11 Notes Red Plotted Profile
Survey of CARBON MESA LAND SLIDE Date Date No.
Survey by LIND Notes Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date JAN 19 68 Date Date No.

Profile No. | Notes Red. | Plotted | Job No. 0021.92 | Division No. 11 | F. B. 7633 | Pg. 253

Date | Date | Survey of CARBON MESA LANDSLIDE

X-Sec. No. | Notes Chkd. | Checked | Survey by LW2 | Notes LW 2 | Date 7-17-68

Date | Date | Map No. | Indexed C. J. GALLO | Date JUL 23 '68

JN 0021.92

CARBON MESA LANDSLIDE

PRE-RUN OF LEVELS

STATION	B. S.	H. I.	F. S.	ELEV.
		DIETZ	LIN 2	7-17-68
		RIVERA	JONES	

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76298 S & E #307—7-55

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
Bm Cm #3	3212	404 528		401 316	Bm C.M. #3	FB 2633-15
E-1			3843	400 685		
E-2			3 940	400 588		
G-2			4045	400 483		
Bm C.M. #3			3212	401 316	Bm C.M. #3	FB 2633-15
Bm C.M. #2	0294	357 283		356 989	Bm CM #2	FB 2633-19
T.P.	0378	345 811	11 850	345 433		
TP	0333	334 336	11 808	334 003		
TP	0484	323 099	11 721	322 615		
T.P.	6453	323 074	6478	316 621		
D-1-A	2296	321 512	3858	319 216		
T.P.	4856	320 322	6048	315 464		
G-3			4437	315 885		
T.P.	5128	314 265	11 185	309 137		
T.P.	0207	303 300	11 172	303 093		
T.P.	1209	293 295	11 214	292 086		
E-3			11 782	281 513		
TP	4189	290 309	7175	286 120		
D-2	0992	280 184	11 117	279 192		
T.P.			11 918	268 266		

F. B. 2633 PG. 254 Job No. 0021.92 Division No. 11 Notes Red. Plotted Profile
Survey of Carbon Mesa Land Slide Date Date No.
Survey by Lind Notes Lind Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
T. P	0 905	269 171		268 266		
T. P.	0 457	258 164	11 464	257 707		
T. P.	0 377	247 388	11 153	247 [illegible]		
T. P.	0 525	235 907	12 006	235 382		
T. P.	1 299	229 219	7 987	227 920		
D-3			6 279	222 940		
T-P	0 272	217 693	11 798	217 421		
T. P.	0 356	206 267	11 782	205 911		
T. P.	5 237	201 596	9 903	19[illegible]		
C-3			8 979	192 617		
T. P	0 603	1[illegible] 367	11 832	189 764		
T. P.	1 556	180 513	11 405	178 962		
B-2			7 920	172 598		
T. P.	0 885	170 302	11 101	169 417		
T. P.	0 504	159 255	11 551	158 751		
T. P.	0 990	148 444	11 801	147 454		
T. P.	3 124	140 298	11 770	136 674		
B-3			6 852	133 446		
T. P.	0 503	129 023	11 778	128 520		
T. P.	0 798	118 099	11 722	117 301		
T. P.			11 918	106 181		

Profile Notes Red. ____ Plotted ____ Job No. 0021.92 Division No. 11 F. B. 2633 Pg. 255
No. ____ Date ____ Date ____ Survey of CARBON MESA LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LINO Notes JONES Date 7-17-68
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76298 S & E #307—7-55

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F. B. 2633 Pg. 256 Job No 22192 Division No. 11 Notes Red. Plotted
Survey of CARBON MESA LANDSLIDE Date No.
Survey by LIND Notes JONES Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date 11 23 '58 Date Date No.
Profile

STATION	B. S.	H. I.	F. S.	ELEV.		
T. P.	0 192	106 373		106 181	✓	
B-4			9343	97 030	✓	
T. P.	0 517	95 261	11 623	94 750	✓	
T. P.	0 271	83 790	11 750	83 519		
T. P.	0 335	72 671	11 480	72 306		
T. P.	0 727	61 374	11 324	61 377		
T. P.	1 079	51 139	11 33 3	50 361		
T. P.	0 474	40 168	11 445	39 694		
T. P.	0 230	28 628	11 7-3	28 418		
T. P.	2 509	19 545	11 612	17 036	✓	
C. M. # 1			5269	14 276	✓	By C.M. #1 EL= 14 258 ✓ FB 2633-9

Profile No. | Notes Red | Plotted | Job No. 0021.92 | Division No. 11 | F.B. 2633 | Pg. 257
Date | Date | Survey of Carbon Mesa Landslide
X-Sec. No. | Notes Chkd. | Checked | Survey by Lind | Notes Jones | Date 1-16-69
Date | Date | Map No. | Indexed [redacted] | Date [redacted]

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STATION	B.S.	H.I.	F.S.	ELEV.	
					J.N. 0021.92
					Carbon Mesa Landslide
					Re-Run of Levels
				1-16-69	
			Lind		
		Jones			
		McCall			
	Munoz				
	Fisher L.O.				

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
B.M. CM #3	2054	403 370		401.316	B.M. C.M. #3 F.B. 2633-15	EL.= 401.316
E-1			2 875	400.495		
E-2			2 770	400.600		
G-2			2 876	400.494		
B.M. C.M. #3			2053	401.317	B.M. C.M. #3 F.B. 2633-15	EL.= 401.316
B.M. C.M. #2	0592	357 581		356.989	B.M. C.M. #2 F.B. 2633-	EL.= 356.989
T.P.	0509	346 549	11 341	346.240		
T.P.	0301	335 727	11 123	335.426		
T.P.	0366	324 911	11 182	324.545		
T.P.	7 783	323 573	9 1[illegible]6	315.795		
D-1 A	4 892	324 112	4 [illegible]	319.220		
T.P.	6 797	318 990	11 919	[illegible].193		
G-3	3 940	319 612	3 [illegible]	[illegible]		
T.P.	0 522	309 148	10 986	308.[illegible]		
T.P.	0 906	298 157	11 89[illegible]	29[illegible]		
T.P.	0 555	288 022	10 690	28[illegible].467		
E-3			6 632	281.390		
T.P.	4 732	281 321	11 433	276.589		
D-2			2 193	27[illegible].128		
T.P.			10 365	270.456		

F.B. 2633 Pg. 258 Job No. 22192 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Carbon Mass Landslide Date ____ Date ____ No. ____
Survey by Lind Notes Jones Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed [illegible] Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.
T. P.	0.220	270.676		270.456
T. P.	1.981	262.300	10.357	260.319
T. P.	0.556	252.701	10.155	252.145
T. P.	0.462	241.901	11.262	241.439
T. P.	1.675	232.141	11.435	230.466
D-3			9.297	222.844
T. P.	0.566	221.339	11.368	220.773
T. P.	0.356	210.204	11.491	209.848
T. P.	0.447	200.059	10.592	199.612
C-3			7.518	192.541
T. P.	0.603	189.333	11.329	188.730
T. P.	1.206	181.184	9.355	179.978
B-2			8.595	172.589
T. P.	0.476	170.627	11.033	170.151
T. P.	0.449	159.789	11.287	159.340
T. P.	0.644	149.894	10.539	149.250
T. P.	1.066	139.635	11.325	138.569
T. P.	0.556	129.213	10.978	128.657
T. P.	1.160	118.529	11.844	117.369
T. P.	0.654	109.112	10.071	108.458
T. P.			7.661	101.451

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

F.B. 2633 Pg. 268 Job No. 0021-92 Division No. 11 Notes Red ____ Plotted ____

Survey of Carbon Mesa Land Slide Date ____ Date ____

Survey by [illegible] Notes [illegible] Notes Chkd. ____ Checked ____

Indexed [illegible] Date ____ Date ____ Date ____

STATION	[illegible]	[illegible]	[illegible]	ELEV			
T.P.	[illegible]	[illegible]	[illegible]	[illegible]			
B-4			5 448	96.970			
T.P.	0.323	91 840	10 901	91.517			
T.P.	0183	81 127	10 896	80.944			
T.P.	0 586	71 292	10 421	70.706			
T.P.	0 452	60 087	11 657	59.635			
T.P.	0 919	50 066	10 940	49.147			
T.P.	0 757	40 555	10 268	39.798			
T.P.	0 712	31 033	10 234	30.321			
T.P.	1 284	21,512	10 805	20.228			
C.M. # 1			7 230	14.282	B.M. C.M. # 1	EL. =	14.258 F.B. 2633-9

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0021.92 Division No. 11

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of CARBON MESA LANDSLIDE

Survey by PETERSON Notes T.C.P. Date 7-69

Map No. ____ Indexed M. M. PALMER Date JUL 29 1976

F.B. 2633 Pg. 261

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STATION	B.S.	H.I.	F.S.	ELEV.	
					J.N. 0021.92
					CARBON MESA LANDSLIDE
					RE-RUN OF LEVELS
			JULY 1969		
		PETERSON T.C. MANLEY MUNOZ BLANCHARD			

76-L 298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
BM C.M.#3	5568	406884		401306	BM C.M.#3 EL. 401.306	F.B. 2633-15
E-1			6420	400464		
E-2			6460	400414		
G-2			6390	400484		
BM C.M.#3			5568	401306		
BM CM# 2	0821	357810		356989	BM C.M.#2 EL. 356.989	F.B. 2633-14
T.P.	0412	346621	11601	346209		
T.P.	2038	337416	11243	335278	*	
T.P.	0752	327156	11012	326404		
T.P.	4502	320469	11189	315967		
T.P.	5468	320575	5362	315107		
D-1A			1428	319147	319.155	
T.P.	3927	313450	11052	309523		
T.P.	6970	310349	10071	303379		
T.P.	6052	315804	0597	309752		
G-3	1050	311267	5587	310217	310.228	
T.P.	0561	300396	11432	299835		
T.P.	2102	292448	10050	290346		
T.P.	0240	281167	11521	280927		
E-3			2950	278217	278233	

F.B. 2633 Pg. 262 Job No. 0021.92 Division No. 11 Notes Red Plotted Profile
Survey of CARBON MESA LANDSLIDE Date Date No.
Survey by PETERSON Notes T.C.P. Notes Chkd. Checked X-Sec.
Indexed R. M. PALMERI Date AUG 2 1976 Date Date No.

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		281 167				
T. P.	8172	278 434	10905	270262		
D-2.			3972	274462	274,480	
T. P.	1002	268 591	10845	267589		
T. P.	0518	257425	11684	256907		
T. P	1010	247 026	11409	246 016		
T. P.	0601	236239	11388	235638		
T. P.	1790	226983	11046	225193		
D-3			7917	219066	219,090	
T. P.	1878	222651	6210	220773		
T. P.	0204	210 994	11861	210790		
T. P.	0442	200310	11126	199868		
C-3			9482	190828	190,856	
T. P.	3223	193053	10480	189830		
T. P.	4928	186993	10988	182065		
T. P.	3247	180662	9578	177415		
B-2	1156	173630	8188	172474	172,506	
T. P.	1837	164985	10482	163148		
T. P.	1522	155 935	10572	154413		
T. P	0419	145545	10 809	145126		
T. P.			9973	135572		

Profile Notes Red ____ Plotted ____ Job No. 0021.92 Division No. 11 F.B. 2633 Pg. 263
No. ____ Date ____ Date ____ Survey of CARBON MESA LAMISLINE
X-Sec. Notes Chkd. ____ Checked ____ Survey by PETERSON Notes T.G.P. Date 7-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ PALMER Date AUG 2 1978

76-L298 CE 307 8-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
[illegible]

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

Do not extend notes this side of this line.

STATION	B.S.	M.I.	F.S.	ELEV.		
T.P.	0190	135 764		135 5[illegible]		
T.P.	1274	126265	10771	124 991		
T.P.	2598	119 193	9670	116 595		
T.P.	0180	107 877	11496	107697		
T.P.	3616	100 201	11 292	96 585		
B-4			6090	94 111	94.154	
T.P.	0353	89085	11469	88 732		
T.P.	0585	79486	10184	78 901		
T.P.	1301	69 124	11663	67 823		
T.P.	1102	60664	9562	59 562		
T.P.	0328	50389	10 603	50 061		
T.P.	0925	40217	11 097	39 292		
T.P.	0687	30342	10 562	29655		
T.P.	0377	21075	9644	20 698		
B.M. C.M. #1			6870	14205	Bm. C.M. #1 ELEV. 14.258	F.B. 2633-9

CONT. TO F.B. 3285 - 53

F.B. 2633 Pg. 264

Job No. 0021.92 Division No. 11 Notes Red Plotted Profile

Survey of CARBON MESA LANDSCIDE Date Date

Survey by PETERSON Notes T.C.P. Notes Chkd. Checked

Indexed L. M. PALMERI Date AUG 2 1976 Date Date