PORTUGUESE

Survey of: BEND LANDSLIDE
IN: 0021.64 Tape: 1.61 Std: 84 °F
Surveyed by: C. K. LIND
Notes: LIND Date: 2-14-61
Indexed: H. E. OTT
FEB 1 7 61

F. B. 2683 PG. 5

CONT. FROM F.B. 2616 - 254

UN. 0021.64

PORTUGUESE BEND LANDSLIDE

BENCH LEVELS

OVER

"LANDSLIDE AREA"

2-14-61
LIND
WILKS
CARO
OHASHI
MASUDA

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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F.B. 2687 PG. 6

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.

(P)

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LAND SLIDE LINE #6 2-7-61
BM 50-9	11409	1010812		999.403	BM 50-9 EL = 999.403
T.P.	0843	1000033	11622	999190	1X2"
T.P.	0829	989757	11105	988928	1X2
T.P.	0599	979508	10848	978909	1X2
T.P.	0463	969331	10640	968868	1X2
T.P.	0421	958238	11514	957817	1X2
TBM 50-11	1272	948546	10964	947274	TBM 50-11 PK. in CULVERT
T.P.	0952	937688	11810	936736	1X2
STA Z-1			2316	935372	C.S. MOH.
T.P.	0478	927204	10962	926726	1X2
T.P.	0650	916773	11081	916123	1X2
T.P.	0542	906195	11120	905653	1X2
T.P.	0582	895649	11128	895067	1X2
T.P.	0415	884949	11115	884534	1X2
T.P.	0600	874423	11126	873823	1X2
T.P.	0169	863410	11182	863241	1X2
BM 50-10			5253	858157	C.S. MOH
T.P.	0546	852880	10976	852434	1X2
T.P.	0553	841942	11591	841389	1X2
T.P.	0339	830431	11850	830092	1X2
T.P.	0575	819564	11442	818989	1X2

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2683 Pg. 7
X-Sec. No. ____ Date ____ Date ____ Survey of PORT BEND LAND SLIDE
Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 2-7-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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F. B. 76-93 Pg. 9 Job No. 0421.64 Division No. 11 Notes Red. Plotted Profile
Survey of Lot Lakewood Notes Date No. X-Sec.
Survey by U. E. Ott Notes Chkd. Checked
Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	Lines # 6	2-7-61
		819 564				
TP	0443	808 895	11 112	808 452	1R2	
TP	0429	797 795	11 529	797 366	1R2	
Y-4			3845	793 952	2" IP	
TP	0609	786 723	11 691	786 114	1R2	
TBM # 12			9539	777 184	PK in Culvert	
TP	0160	775 401	11 492	775 241	1R2	
TP	0683	764 620	11 464	763 937	1R2	
TP	0734	753 591	11 763	752 857	1R2	
TP	0554	743 126	11 019	742 572	1R2	
TP	0301	732 488	10 939	732 187	1R2	
TP	0518	721 470	11 536	720 952	1R2	
TP	0732	711 230	10 962	710 509	1R2	
TP	0689	700 270	11 649	699 581	1R2	
TP	0822	689 441	11 651	688 619	1R2	
TP	0337	677 897	11 891	677 560	1R2	
TBM # 13	11 708		1902	675 995	Spk in Culvert	
TP	0609	666 798	11 708	666 139	1R2	
TP	1956	657 597	11 157	655 641	1R2	
BM 50-11			10 043	647 534	BM 50-11, EL= 647.570	C.S. Mon.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	PORTUGUESE BEND LANDSLIDE LINE #4 2-9-61
T.B.M. 34-15A	3 050	234 037		230 987	✓
T.P.	4 282	232 547	5 772	228 265	✓
T.P.	3 768	229 683	6 632	225 915	✓
T.P.	3 340	226 188	6 835	222 848	✓
T.P.	2 389	220 583	7 994	218 194	✓
T.P.	3 738	216 133	8 188	212 395	✓
T.B.M. 50-13A			5 735	210 398	✓ ✗
T.P.	3 830	213 274	6 689	209 444	✓
B.M. 50-13			5 266	208 008	✓ ✗
T.P.	3 989	209 833	7 430	205 844	✓
T.P.	4 810	207 412	7 231	202 602	✓
T.B.M. #15			10 065	197 347	✓ ✗
T.P.	10 647	217 137	0 922	206 490	✓
R-2 ECC. 1			7 344	209 793	✓
T.P.	5 391	214 863	7 665	209 472	✓
R-2			11 998	202 865	✓
T.P.	4 799	217 552	2 110	212 753	✓
J-4			1 522	216 030	✓
J-3			4 644	212 908	✓
T.P.	0 269	211 757	6 064	211 488	✓
J-1			9 384	202 373	✓

Profile Notes Red. ____ Plotted ____ Job No. 02164 Division No. 11 F. B. 2683 Pg. 9
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes WILKS Date 2-9-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		211 757				
T.P.	10 708	218 616	3 849	207 908		
T.P.	11 933	230 953	0 596	218 020		
T.P.	4 028	233 213	0 768	229 185		
J-1A			1 885	231 328		
T.P.	0 787	223 716	10 284	222 929		
T.P.	0 397	213 072	11 041	212 675		
T.P.	0 671	202 484	11 259	201 813		
T.P.	7 418	199 219	10 683	191 801	begin sideline	
T.P.	0 801	189 921	10 099	189 120		
T.P.	0 641	178 662	11 900	178 021		
T.P.	0 696	167 689	11 669	166 993		
T.P.	0 638	157 082	11 245	156 444		
T.P.	0 455	146 965	10 572	146 510		
T.P.	1 628	137 337	11 256	135 709		
T.P.			11 008	126 329	end sideline	
T.B.M. #25	0 618	192 419		191 801		
T.P.	11 171	195 824	7 766	184 653		
T.P.	4 604	199 540	0 888	194 936		
B.M. 34-17A	6 401	199 117	6 824	192 716		
	5 454	198 971	5 600	193 517		

F. S. 2683 Pg. 10

Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile

Survey of P.B. Landslide Date Date No. X-Sec.

Survey by Lind Notes Wilks Notes Chkd. Checked

Indexed Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	Line # 4	
		198 971				
T.P.	6 033	197 437	7 567	191 404		
T.P.	1 690	191 342	7 785	189 652		
T.P.	0 679	181 613	10 408	180 934		
T.P.	0 871	170 924	11 560	170 053		
B.M. 34-18			2 269	168 655		
T.P.			11 565	159 359	begin sideline	
T.P.	11 820	181 160	1 584	169 340		
T.P.	6 887	187 382	0.665	180495		
T.P.	8 317	193 316	2 383	184999		
P-3A			2 801	190 515	end sideline	
T.P.	3 410	162 769		159 359		
P-3	6 749	164 789	4 729	158 040		
T.P.	6 538	166 957	4 370	160 419		
T.P.	5 851	168 098	4 710	162 247		
P-2	7 299	170 687	4 710	163 388		
T.B.M. #31			3 608	167 079	T.B.M. #31 El. = 167.050	

Profile Notes Red Plotted Job No 02264 Division No 11 F. B. 2683 Pg. 11
No. X-Sec. Date Date Survey of PORTUGUESE BEND LANDSLIDE
No. Notes Chkd. Checked Survey by E.M.P. Notes KUKS Date 2-9-61
Date Date Map No. Indexed H.E.O.D. Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE LINE # 3, -2-9-61
T.B.M. 34-15A	0 179	231 166		230 987	
T.P.	0 948	221 148	10 966	220 200	
T.P.	2 752	213 517	10 383	210 765	
T.P.	2 749	209 836	6 430	207 087	
K-13			8 090	201 746	
T.P.	0 519	200 425	9 930	199 906	
T.P.	0 774	189 904	11 295	189 130	
K-11			8 529	181 375	
T.P.	0 639	178 925	11 618	178 286	
K-10A			6 179	172 746	
K-10B			9 313	169 612	
K-10			11 589	167 336	
K-10C	0 997	168 389	11 533	167 392	
K-9A			4 895	163 494	
K-9			9 094	159 295	
K-8A	0 631	158 473	10 547	157 842	
K-8B			2 999	155 474	
T.P.	0 574	148 038	11 009	147 464	
T.P.	1 312	138 157	11 193	136 845	
T.P.	10 810	138 961	10 006	128 151	
K-5	2 955	138 961	2 955	136 006	

F. B. 2683 PG. 12

Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile

Survey of P.B. Landslide Date No. X-Sec.

Survey by Lind Notes Wilks Notes Chkd. Checked

Indexed [illegible] Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	Line # 3	
		138 961				
T.P.	0 367	128 518	10 810	128 151		
T.P.	0 270	117 798	10 990	117 528		
W-3			7 787	110 611		
T.P.	0 499	107 686	10 611	107 187		
K-5 AUX.	0 541	102 294	5 933	101 753		
T.P.	0 716	91 182	11 828	90 466		
T.P. —	0 553	80 057	11 678	79 504		
K-4			2 303	77 754		
T.P.	0 490	69 340	11 207	68 850		
T.P.	2 710	61 487	10 563	58 777		
T.B.M. #28			3 708	57 779		
K-3A	2 915	57 124	7 278	54 209		
T.P.	0 221	45 860	11 485	45 639		
T.B.M. 27AUX.3	4 317	40 004	10 173	35 687		
K-2 AUX.			4 000	36 004		
T.P.	0 200	28 596	11 608	28 396		
T.P.	9 470	32 439	5 627	22 969	begin sideline	
T.P.	0 688	27 816	5 311	27 128		
T.P. —	0 645	17 632	10 829	16 987		
P.B. # 1			10 053	7 579	end sideline	

Profile Notes Red. Plotted Job No. 02L64 Division No. 11 F. B. 2683 Pg. 13
No. X-Sec. Date Date Survey of Portuguese Bend Landslide
No. Date Notes Chkd. Checked Survey by Lind Notes bklks Date 2-9-61
Date Map No. Indexed H. E. Ott Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	0 320	23 289		22 969		
T.P.	4 528	16 841	10 976	12 313		
T.P.	4 090	15 816	5 115	11 726		
T.P.	4 939	15 816	4 939	10 877		
T.P.	2 010	10 466	7 360	8 456		
T.P.	5 458	7 494	8 430	2 036		
T.P.	4 788	8 181	4 101	3 393		
T.P.	5 373	8 315	5 239	2 942		
T.P.	4 987	8 995	4 307	4 008		
P.B. #8			1 030	7 965	P.B. #8 EL. = 7.994	

F. B. 2683 Pg. 14

Job No. 002164 Division No. 11 Notes Red. Plotted Profile

Survey of P.B. Landslide Date Date No. X-Sec.

Survey by Lind Notes Wilks Notes Chkd. Checked

Indexed D. E. OIT Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE LINE # 1 2-10-61
P.B. # 9	[illegible]	[illegible]		404 142	• P.B. # 9 EL. = 404.142
[illegible]	[illegible]	[illegible]	[illegible]	404 035	•
T.P.	7 017	[illegible]	[illegible]	[illegible]	•
[illegible]			[illegible]	[illegible]	•
T.P.	[illegible]	[illegible]	3 482	[illegible]	•
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	•
T.B.M. # 30			[illegible]	[illegible]	•
— T.P.	[illegible]	[illegible]	[illegible]	[illegible]	•
T.P.	[illegible]	408 238	3 293	401 [illegible]	•
[illegible] # 40	[illegible]	[illegible]	[illegible]	[illegible]	•
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	•
T.P.			[illegible]	[illegible]	• [illegible]
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]	[illegible]	[illegible]
T.P.	[illegible]	[illegible]		[illegible]	•
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	•
[illegible]	[illegible]	423 [illegible]	[illegible]	[illegible] 678	•
[illegible]			[illegible]	[illegible]	•
[illegible]			[illegible]	[illegible]	•
T.P. —	0 400	[illegible]	[illegible]	[illegible]	•
T.P.	0 [illegible]	[illegible]	[illegible]	[illegible]	•

Profile Notes Red. ____ Plotted ____ Job No. 2021.64 Division No. 11 F. B. 2863 Pg. 15
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes [illegible] Date 2-10-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. Pg.

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	Line # 1	
		B.L. 293				
T.	0.805	211.878		211.073		
T.				181		
				271.51		
	0.47	211.11		270.64		
T.						
T.P.						
T.	0.58					
T.						
T.B.M. # 31					T. B. M. # 31 Elev. 107.250	

F. B. 2683 Pg. 11

Profile Notes Red Plotted Job No. 2511-11 Division No. 11
No. X-Sec. Date Date Survey of Parkway Base Line Landslide
Notes Chkd. Checked Survey by [illegible] Notes Kluks Date 2-13-61
No. Date Date Map No. Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	P. B. LANDSLIDE LINE #2 2-10-61
P. [illegible]	3 268	407 410		[illegible]	[illegible] 404 142
T. P.	6 673	411 469	2 614	404 796	
T. P.	6 285	413 235	4 519	406 950	
T. P.	6 680	415 534	4 381	408 854	
P. B. #9B			5 774	409 760	*
T. P.	7 498	419 282	3 750	411 784	
P. B. #9A			5 097	414 185	
T. P.	7 063	423 071	3 274	416 008	
T. P.	11 466	430 395	4 142	418 929	begin sideline
T. P.	10 128	439 602	0 921	429 474	
T. P.	7 401	444 628	2 375	437 227	
B-1-C			2 333	442 295	end sideline
T. P.	5 467	[illegible] 348		418 [illegible]	
T. P.	1 621	414 080	11 939	[illegible]	
P. T. #1			3 752	[illegible]	
B-1-B			4 696	409 [illegible]	
T. P.	[illegible] 489	416 219	4 350	409 730	
B-1			8 [illegible]	[illegible]	
T. P.	7 842	416 [illegible]	7 705	408 514	[illegible]
T. P.	11 718	426 875	1 [illegible]	415 177	
C-1			[illegible] 336	[illegible]	end sideline

F. B. 3683 Pg. 18

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

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

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

Indexed [illegible] Date Date Date No.

76L-298 S & E #307—1-56

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(B)

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	0 [illegible]	4[illegible] 253		4[illegible] 514	-	
T.P.	0 [illegible]	3[illegible] 662	[illegible] 409	3[illegible] 784	-	
T.P.	0 [illegible]	3[illegible] 463	[illegible]	3[illegible] 551	-	
T.P.	0 [illegible]	3[illegible] 163	10 553	3[illegible] 313	-	
T.P.	0 [illegible]	3[illegible] 785	[illegible]	3[illegible] 146	-	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	-	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	-	
B.M.—Bolt			[illegible]	[illegible]	-	X
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	-	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	-	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	-	
B.M.	[illegible]	[illegible]	0 361	[illegible]	-	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	-	
Bolt	[illegible]	[illegible]	[illegible]	[illegible]	-	X
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	-	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	-	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	-	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	-	
R-1			[illegible]	[illegible]	-	X
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	-	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	-	

Profile Notes Red. Plotted Job No. [illegible] Division No. [illegible]
No. X-Sec. Date Date Survey of [illegible]
Notes Chkd. Checked Survey by [illegible] Notes [illegible] Date [illegible]
No. Date Date Map No. Indexed H. E. OTT Date

F. B. 2683 Pg. 14

76L-298 S & E #307—1-56

PLEASE RETURN TO
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(P)

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		[illegible]				
[illegible]	0 813	[illegible]	[illegible]	[illegible]		
[illegible]	1 382	[illegible]	[illegible]	[illegible]		
[illegible]			[illegible]	[illegible]	X	
[illegible]	5020	327 214	[illegible]	[illegible]	X	
G-1	4932	320 642	11 504	315 710	X	
Shields			10300	310 342	X	STA. SHIELDS AVER. ELEV. = 310.342
						END OF RUN.

F. B. 2683 Pg. 20

Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile

Survey of P. B. Landslide Date Date No.

Survey by Lind Notes Wills Notes Chkd. Checked X-Sec.

Indexed by E. OTT Date Date Date No.

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.	P. B. LANDSLIDE LINE # 5 2-14-61
P.B. 9B	0 277	410 037		409 760	P.B. 9B EL. = 409.760 Per page 18
T.P.	0 572	399 080	11 529	398 508	
T.P.	0 [illegible]	388 830	11 204	387 876	
T.P.	0 713	377 631	11 912	376 918	
T.P.	0 761	367 082	11 310	366 321	
T.P.	[illegible] 826	357 435	11 473	355 609	
S.B. # 3	11 067	363 [illegible]	4 602	352 833	
— T.P.	10 [illegible]	373 [illegible]	[illegible]	363 [illegible]	
T.P.	11 [illegible]	384 [illegible]	1 202	372 [illegible]	
S.B. # 2	11 753	394 973	1 064	383 [illegible]	
S.B. # 1			6 116	388 857	
S.B. 1A			2 781	392 112	begin sideline
T.P.	8 419	[illegible]	4 467	390 506	
T.P.	1 [illegible]	[illegible]	3 018	395 [illegible]	
T.P.	10 [illegible]	[illegible]	11 [illegible]	385 [illegible]	
West Fix			2 126	393 808	end sideline
S.B. 1A	7 [illegible]	399 505		392 192	
P.T. # 2 AUX. 3	0 [illegible]	[illegible] 789	7 173	392 332	
P.T. # 3			[illegible]	383 [illegible]	
— T.P.	1 449	38[illegible]	[illegible] 884	380 905	
T.P.	2 849	374 [illegible]	10 367	371 987	

Profile Notes Red. Plotted Job No. 00264 Division No. 11 F. B. 2683 Pg. 21
No. Date Date Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by LIND Notes WILKS Date 2-14-61
No. Date Date Map No. Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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(D)

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		374 [illegible]				
P.T. #4	0 782	367 [illegible]	[illegible]	367 [illegible]	begin sideline	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
T.P.	0 [illegible]	[illegible]	[illegible]	337 [illegible]		
H-2	[illegible]	[illegible]	[illegible]	[illegible]		
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
H-4			[illegible]	309 [illegible]	[illegible]	
P.T. #4	[illegible]	367 [illegible]		367 [illegible]		
T.P.	[illegible]	357 [illegible]	[illegible]	356 [illegible]		
T.P.	[illegible]	347 [illegible]	[illegible]	[illegible]		
P.T. #5			[illegible]	[illegible]		
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
T.P.	[illegible]	[illegible]	[illegible]	325 [illegible]		
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
P.T. #6 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
I-1			[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
T.P.	0 [illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]			[illegible]			

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

Job No. [illegible] Division No. 11 Notes Red. Plotted Profile

Survey of [illegible] Date No.

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

Indexed [illegible] Date Date Date No.

76L-298 S & E #307—1-56

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(P)

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 5	
		[illegible]				
I-3			[illegible]	[illegible]		
T.P.	9.422	300.063	[illegible]	290.641		
Blakeslee			0.035	300.28	end sideline	
[illegible]	[illegible]	[illegible]		310.545		
T.P.	0.861	300.147	11.934	[illegible]		
T.P.	0.843	[illegible]	11.462	[illegible]		
T.P.	1.199	[illegible]	[illegible]	278.148		
K.T. [illegible]	[illegible]	[illegible]	11.358	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
T.P.	[illegible]	[illegible]	11.168	[illegible]		
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
T.P.	0.873	[illegible]	[illegible]	[illegible]		
B.M. "C"			[illegible]	303.164		
T.P.	0.650	[illegible]	[illegible]	[illegible]		
BM 34-17A	[illegible]	304.308	5.449	[illegible]	BM 34-17A EL= 192.716 pg 10	
T.P.	8.88[illegible]	211.946	1.148	303.060		
T.P.	7.842	218.944	0.844	211.102		
K-1			5.952	[illegible]		

END OF RUN

Profile Notes Red. Plotted Job No. 0031.64 Division No. 11 F. S. 2683 Pg. 23
No. Date Date Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by LIND Notes WILKS Date 2-14-61
No. Date Date Map No. Indexed B. E. OIT Date

F. B. 2683 Pg. 34

Job No. 008164 Division No. 11 Notes Red. Plotted Profile

Survey of S.B. Landing Date Date No.

Survey by Lind Notes Wilks Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76L-298 S & E #307—1-56

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76L-298 S & E #307—1-56

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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(P)

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Profile No. ____ Notes Red. ____ Plotted ____ Job No. 202164 Division No. 11
Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by LINE Notes WILKS Date 3-13-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date MAR 21 '61

F. B. 2683 PG. 25

STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE	LINE #4 3-13-61
T.B.M. 34-15A	3 567	234 551	✓	230 987	✓ T.B.M. 34-15A EL. =	230.987
T.P.	[illegible]	[illegible]	5 597	[illegible] 307	✓	
T.P.	5 699	[illegible] 257	5 461	[illegible]		
T.P.	[illegible]	[illegible]	5 746	[illegible]		
T.P.	2 941	[illegible] 780	[illegible]	[illegible]		
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
T.P.	[illegible]	[illegible] 280	[illegible]	[illegible]		
T.B.M. [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+	
[illegible]	3 920	[illegible]	[illegible]	[illegible]		
[illegible]			[illegible]	[illegible]	+	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
T.B.M. [illegible]			[illegible]	[illegible]	+	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	✓	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]			[illegible]	[illegible]	✓	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]			10 436	[illegible] 140	✓	
T.P.	5 540	[illegible]	[illegible]	[illegible]		
T-4			1 744	[illegible]	✓	
T-3			[illegible] 835	[illegible] 791	✓	
T.P.	[illegible]	211 275	✓ 6 325	211 351	✓	

F. B. 2682 PG. 26

Job No. [illegible] Division No. 11 Notes Red. ______ Plotted ______ Profile No. ______

Survey of [illegible] Landslide Date ______ Date ______

Survey by [illegible] Notes Wilks Notes Chkd. ______ Checked ______ X-Sec.

Indexed H. E. OTT Date ______ Date ______ Date ______ No. ______

STATION	B.S.	H.I.	F.S.	ELEV.
T.B.M.				
T.P.				

Line # 4 3-13-61

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76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

(P)

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

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 4	3-13-61
		198 483				
[illegible]	[illegible]	[illegible]	[illegible]	92 [illegible]		
T.P.	[illegible]	193 [illegible]	[illegible]	91 [illegible]		
T.P.	5 780	183 190	[illegible]	182 [illegible]		
T.P.	[illegible]	173 531	10 932	[illegible]		
B.M. 34-17			4 [illegible]	[illegible] 701		
T.P.	[illegible]	[illegible] 451	[illegible]	[illegible]		
T.P.			[illegible]	157 721	[illegible]	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible] 273	[illegible]	[illegible]	[illegible]		
[illegible]			[illegible]	190 428	[illegible]	
T.P.	[illegible]	162 [illegible]		[illegible] 721		
P-3	6 [illegible]	164 [illegible]	4 [illegible]	157 [illegible]		
T.P.	[illegible]	[illegible]	3 883	[illegible] 464		
[illegible]	5 [illegible]	167 [illegible]	4 [illegible]	[illegible]		
P-3	[illegible]	[illegible]	4 [illegible]	163 435		
T.B.M. #31			3 [illegible]	[illegible]	T.B.M. #31 EL. = 167,050	
					END LINE #4	

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. [illegible] F. B. [illegible] Pg. [illegible]

No. ____ Date ____ Date ____ Survey of [illegible]

X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes [illegible] Date 3-13-61

No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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(P)

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2 3-14-61	P.B. LANDSLIDE
P.B. #9	3 711	407 853		404 142	P.B. #9 EL. = 404.142	
T.P.	6 307	410 486	3 674	404 179		
T.P.	5 907	413 131	3 262	407 224		
P.B.-9B	6 982	416 729	3 384	409 747		
P.B.-9A	7 112	421 309	2 532	414 197		
T.P.	11 980	430 921	2 368	418 941	begin sideline	
T.P.	9 483	439 184	1 220	429 701		
T.P.	7 488	444 929	1 743	437 441		
B-1-C			2 627	442 302	end sideline	
T.P.	5 163	424 104		418 941		
T.P.	1 541	413 885	11 760	412 344		
P.T. #1			3 663	410 222		
B-1-B			4 654	409 231		
T.P.	5 505	415 074	4 312	409 569		
B-1			7 057	408 017		
T.P.	7 912	416 272	6 714	408 360	begin sideline	
T.P.	11 803	426 867	1 208	415 064		
C-1			0 362	426 505	end sideline	
T.P.	1 071	409 431		408 360		
T.P.	0 318	397 948	1 801	397 630		
T.P.	1 191	388 925	10 214	387 734		

F. B. 2683 PG. 28

Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile

Survey of P.B. Landslide Date Date No. X-Sec.

Survey by Lind Notes Wilks 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.	LINE #2	3-14-61
		388 925				
T.P.	0 202	377 946	11 181	377 744		
T.P.	0 803	367 798	10 951	366 995		
T.P.	0 469	356 707	11 560	356 238		
T.P.	2 224	347 492	11 439	345 268		
B.M 50-12			7 070	340 422		
T.P.	10 [illegible]	357 826	0 594	346 898		
T.P.	11 109	368 554	0 381	357 445		
T.P.			3 872	364 682	begin sideline	
T.P.	10 980	379 305	0 [illegible]	368 325		
T.P.	10 [illegible]	389 276	0 [illegible]	379 084		
T.P.	10 686	397 004	2 958	386 318		
DAVIS			3 772	393 232	end sideline	
T.P.	3 240	367 922		364 682		
R-1			8 625	359 297		
T.P.	0 742	359 189	9 475	358 447		
T.P.	0 332	349 493	10 028	349 161		
T.P.	0 948	339 563	10 878	338 615		
T.P.	0 550	330 152	9 961	329 602		
A-3			8 275	321 877		
A-4	7 419	329 647	7 924	322 228		

Profile Notes Red. ____ Plotted ____ Job No. 202164 Division No. 11 F. B. 2683 Pg. 29
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 3-14-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OT. Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2 3-14-61	
		329 647				
T. P.	0 641	320 888	9 400	320 247		
G-1	6 853	322 602	5 139	315 749		
T. P.	3 429	318 618	7 413	315 189		
SHIELDS	4 053	314 419	8 252	310 366		
T. P.	1 055	309 774	5 700	308 719		
T. P.	1 223	302 204	8 793	300 981		
T. P.	0 706	292 105	10 805	291 399		
T. P.	1 081	282 301	10 885	281 220		
T. P.	0 732	271 101	11 932	270 369		
T. P.	0 718	260 581	11 238	259 863		
T. P.	0 922	250 042	11 461	249 120		
T. P.	0 600	240 306	10 336	239 706		
T. P.	1 085	230 443	10 948	229 358		
T. P.	0 380	219 443	11 380	219 063		
T. P.	0 572	209 214	10 801	208 642		
J-5			10 093	199 121		
T. P.	7 057	206 281	9 990	199 224		
T. P.	7 598	212 584	1 295	204 986		
T. B. M. 50-13A			2 158	210 426	T. B. M. 50-13A EL. = 210.389	Per pg. 25

F. B. 2683 Pg. 30

Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile

Survey of P. B. Landslide Date No. X-Sec.

Survey by Lind Notes Wilks Notes Chkd. Checked

Indexed H. E. Oil Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #1 3-14-61	P.B. LANDSLIDE
P.B. # 9	4 372	408 514		404 142	P.B. # 9 EL. = 404.142	
T.P.	6 339	411 141	3 712	404 802		
T.P.	6 229	414 680	2 690	408 451		
P.I. 5 B			4 603	410 077		
T.P.	4 932	415 860	3 752	410 928		
T.P.	1 398	405 658	11 600	404 260		
T.B.M. # 30			0 333	405 325		
T.P.	6 583	406 637	5 604	400 054		
T.P.	6 009	409 039	3 607	403 030		
P.I. 4-C			3 139	405 900		
T.P.	11 430	417 611	2 858	406 181		
T.P.			3 843	413 768	begin sideline	
T.P.	11 980	428 723	0 868	416 743		
Fruit tree			4 251	424 472	end sideline	
T.P.	9 867	423 635		413 768		
T.P.	5 423	424 658	4 400	419 235		
T.P.	5 654	425 790	4 522	420 136		
T.P.	2 294	426 464	1 620	424 170		
S.P.H. G-7 R.M. # 1	1 770	423 432	4 802	421 662		
S.P.H G-7			2 688	420 744		
S.P.H. G-7 R.M. # 2			1 659	421 773		

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by LIND Notes WILKS Date 3-14-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2683 Pg. 31

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	LINE #7	3-14-61
		423 432				
T.P.	0 661	413 131	10 962	412 470		
T.P.	0 607	402 155	11 583	401 548		
T.P.	0 773	391 714	11 214	390 941		
T.P.	1 979	381 928	11 765	379 949		
P.I. #3	1 015	373 924	9 019	372 909		
T.P.	1 287	364 124	11 087	362 837		
T.P.	1 307	354 171	11 260	352 864		
T.P.	2 617	346 081	10 707	343 464		
P.I. #2A	2 362	342 483	5 960	340 121		
P.I. #1	1 310	336 836	6 957	335 526	begin sideline	
T.P.	0 873	326 108	11 601	325 235		
T.P.	0 665	316 396	10 377	315 731		
T.P.	0 503	305 981	10 918	305 478		
T.P	0 718	295 368	11 331	294 650		
T.P.	10 704	295 776	10 296	285 072		
ECC. #1 S.P.H. H-7A			7 653	288 123		
ECC. 3 S.P.H. H-7A			7 604	288 172		
CENTER S.P.H. H-7A			7 424	288 352		
ECC. 2 S.P.H. H-7A			7 580	288 196	end sideline	
P.I. #1	1 106	336 632		335 526		

F.B. 2683 Pg. 32

Job No. 0021.64 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of P.B. Landslide Date ____ Date ____ No. ____

Survey by Lind Notes Wilks 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.	LINE # 1 CONT. 3-14-61	
		336 632				
T.P.	0843	327 011	10 464	326 168		
T.P.	0968	316 399	11 580	315 431		
T.P.	0502	306 637	10264	306 135		
T.P.	1537	297 677	10 497	296 140		
T.P.	0764	286 550	11 891	285 786		
P.B. # 10	0701	280 211	7040	279 510	/	
T.P.	0579	270 807	9983	270 228		
T.P.	0827	259 652	11 982	258 825		
T.P.	0916	250 502	10 116	249 536		
T.P.	1262	241 030	10734	239 768		
T.P.	0700	231 227	10 503	230 527		
T.P.	0817	220 958	11 086	220 141		
W.F. #1	6670	217 112	10506	210 452	/	
T.P.	1322	208 270	10 174	206 944		
P-1			9 049	199 221	/	
T.P.	0826	197 969	11 127	197 143		
T.P.	0493	186 729	11 733	186 236		
T.P.	1284	176 200	11 813	174 916		
TBM # 31			9 121	167 079	/ T.B.M. # 31 EL=	167.050

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 0031-64 Division No. 11 Survey of P.B. LANDSLIDE Survey by LINO Notes WILKS Date 3-20-61 Map No. Indexed G. E. OTT Date

F.B. 2683 PG. 33

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(P)

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F.B. 2686 Pg. 36

Survey of P.B. Landslide Job No. 002164 Division No. 11 Notes Red Plotted Profile
Survey by Lind Notes Klitz Date No. X-Sec.
Indexed H.E. Olm Date Notes Chkd. Checked No.
Date Date

STATION	B.S.	H.I.	F.S.	ELEV	LINE # 3	3-20-64
T.B.M. 34-15A	0 589	231 576		230 987	T.B.M. 34-15A EL. =	230.987
T.P.	0 787	220 984	11 379	220 197		
T.P.	3 274	214 036	10 222	210 762		
T.P.	3 306	210 389	6 953	207 083		
K-13			8643	201 746		
T.P.	0 970	200 540	10 819	199 570		
T.P.	0 917	190 096	11 361	189 179		
K-11			8 727	181 369		
T.P.	0 898	179 000	11 994	178 102		
K-10B			9391	169 609		
K-10A			6 261	172 739		
K-10			11 670	167 330		
K-10C	2 203	169 590	11 613	167 387		
K-9B			7 706	161 884		
K-9A			6 104	163 486		
K-9			10 303	159 287		
K-8A	0 846	158 683	11 753	157 837		
K-8B			3 213	155 470		
T.P.	1 057	148 519	11 221	147 462		
T.P.	1 392	140 062	9 849	138 670		
T.P.	11 648	141 298	10 412	129 650		

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(D)

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 3 CONT.	3-20-61
		141 298				
K-5	5 290	141 298	5 290	136 008	✓	
T. P.	1 069	130 719	11 648	129 650		
T. P.	1 553	121 002	11 270	119 449		
T. P.	1 213	112 801	9 414	111 588		
W-3			2 182	110 619	✓	
K-5 AUX.	0 786	102 547	11 040	101 761	✓	
T. P.	0570	91 852	11 265	91 282		
T. P.	0569	80 937	11 484	80 368		
K-4			3 342	77595	✓	
T. P.	1 104	70 560	11 481	69 456		
T. P.	2 549	61 344	11 765	58 795		
T. B. M. #28			3612	57 732	✓ begin sideline	
K-3A			7 129	54215	✓	
T. P.	2 040	53 474	9 910	51 434		
T. P.	1 273	45 377	9 370	44 104		
T. B. M. 27 AUX. 3	4 431	39 662	10 146	35 231	✓	
K-2 AUX.			3 538	36 124	✓	
T. P.	0 798	31 671	8 789	30 873		
T. P.	9 462	31 333	9 800	21 871		
T. P.	3 644	25 316	9 661	21 672		

Profile Notes Red. Plotted Job No. 022.64 Division No. 11
No. X-Sec. Date Date Survey of Portuguese Bend Landslide
No. Notes Chkd. Checked Survey by Lund Notes Wilks Date 3-20-61
Date Date Map No. Indexed B. E. Ott Date

F. B. 7686 Pg. 35

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STATION	B.S.	H.I.	F.S.	ELEV	LINE # 3 - CONT.	3-20-61
		25 316				
T.P.	1 314	18 458	8 172	17 144		
P.B. #1		605	10 886	7 572	P.B. #1 EL. = 7.60 —	end sideline
T.B.M. #28	1 033	58 765		57 732	*	
T.P.	0 683	48 082	11 366	47 399		
T.P.	0 290	37 014	11 358	36 724		
T.P.	0 612	26 448	11 178	25 836		
T.P.	0 732	17 482	9 698	16 750		
T.P.	3 643	9 537	11 588	5 894		
P.B. 6A			9 189	0 348		
T.P.	5 218	7 955	6 800	2 737		
T.P.	5 972	9 709	4 218	3 737		
T.P.	5 332	9 125	5 916	3 793		
T.P.	4 612	9 757	3 970	5 155		
P.B. #8			1 818	7 949	P.B. #8 EL. = 7.994	

F.B. 2686 PG. 36

Job No. 002164 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of P.B. Landslide Date ____ Date ____ No. ____

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

Indexed H. E. OD Date ____ Date ____ No. ____

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STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE LINE #5 3-16-61
P.B. #9	3972	408 114		404 142	✓ P.B. # 9 EL = 404.142 C.S. MOM
T.P.	6940	411 129	3925	404 189	SPK
T.P.	6 154	413 733	3 550	407 579	
P.B. # 9.B.	0 784	410 554	3963	409 770	✓
T.P.	0283	399 025	11 712	398 842	
T.P.	0 904	388 791	11 238	387 [illegible]	
T.P.	0 294	377 182	11 903	376 888	
T.P.	0 544	366 714	11 012	366 170	
	6 172	362 365	10 521	356 193	
S.B. # 3			9 525	352 840	✓
T.P.	11 253	[illegible] 994	0 624	361 741	
T.P.	11 919	[illegible] 423	0 490	372 504	
S.B. # 2	11 618	[illegible] 853	1 188	383 235	✓
S.B. # 1			6 001	388 852	+ ✓
S.B. # 1 A			2 672	392 181	✓
	[illegible]	Side	Line	to W. Fix	
T.P.	[illegible]	390 295	2 438	392 415	
T.P.	[illegible]	397 111	11 963	386 332	
W. Fix			3 293	393 818	✓
	End	Side	Line.		
S.B. #4	8 727	397 579		388 852	✓

Profile Notes Red ____ Plotted ____ Job No. 0026 [illegible] Division No. 11 F.B. 2683 Pg. 37
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 3-16-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. ON Date ____

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Profile No. ___ X-Sec. No. ___
Plotted ___ Date ___ Checked ___ Date ___
Notes Red ___ Date ___ Notes Chkd. ___ Date ___
Division No. 11
Job No. 0321.64
Notes LINE 5 EXT.
Survey of ___ Date ___
Survey by ___ Date ___

LINE # 5 EXT. 3-16-61

STATION	B. S.	H. I.	F S.	ELEV		
		397 579				
PT # 2 AUX 3	0869	393 190	5258	392321	/	SPK & W.
PT # 3	0874	384 178	9886	383304	X	SPK.
TP	2401	375 038	11541	372637		
PT # 4	0765	367 814	7989	367049	* /	SPK & W.
	BEG. SIDE LINE TO H-2 & H-4					
T.P.	0741	357 014	11549	356165		
TP	0717	346 275	11511	345 507		
TP	0716	335 885	11108	335167		
H-2	1101	327 285	9701	326184	/	C.S. Mon.
TP	1395	319 085	9595	317690		SPK
H-4			9147	309 938		
	END SIDE LINE					
PT # 4	0969	368 016		367049	* /	
TP.	0641	356 875	11792	356226		
TP	1001	346 447	11429	345446		
PT # 5	1018	338 965	8600	337947	/	
T.P.	0653	327 648	11900	326965		
TP	0313	317 684	10277	317371		
PT # 6	0423	320 920	7187	310497	/	
	BEG SIDE TO I 1-2-3, E. BLAKESLEE					

R.S. 2683 Pg. 34

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 5 CONT.
		320 920			
I-1			4 739	316 181	2" I.P.
T.P.	0 391	311 536	9 775	311 145	
T.P.	0 759	301 074	11 221	300 315	
T.P.	2 368	291 842	11 600	289 474	
I-2			9 663	282 179	
I-3			11 358	280 484	
T.P.	9 484	300 064	1 262	290 580	
BLAKESLEY			0 045	300 019	end sideline
P.T. #6	0 629	311 126		310 497	
T.P.	0 821	300 599	11 348	299 778	
T.P.	0 766	289 395	11 970	288 629	
T.P.	1 430	279 812	11 013	278 382	
P.T. #7	1 073	269 006	11 879	267 933	
T.P.	11 559	273 163	7 402	261 604	begin sideline
T.P.	4 567	277 474	0 256	272 907	
T.P.	11 489	288 130	0 833	276 641	
T.P.	11 565	299 318	0 377	287 753	
T.P.	11 154	310 083	0 389	298 929	
P-4			7 549	302 534	end sideline
T.P.	0 805	262 409		261 604	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2683 Pg. 39
Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by LINO Notes WILKS Date 3-16-61
Date ____ Date ____ Map No. ____ Indexed ____ Date ____
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76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	LINE # 5. CONT. 3-16-61
		262 409			
T.P.	0 648	251 507	11 550	250 859	
T.P.	0 644	241 068	11 083	240 424	
T.P.	0 495	229 901	11 662	229 406	
T.P.	1 087	219 235	11 753	218 148	
T.P.	0 489	208 262	11 462	207 773	
B.M. "C"			5 108	203 154	
T.P.			11 905	196 357	begin sideline
T.P.	9 467	217 149	0 580	207 682	
K-1			4 159	212 990	end sideline
T.P.	2 210	198 567		196 357	
B.M. 34-17A			5 869	192 698	BM 34-17A EL= 192.691, PER PG 26

F.B. 2683 Pg. 40

Job No. 0021.64 Division No. 11 Notes Red Plotted Profile
Survey of P. B. Landslide Date No. X-Sec.
Survey by Lind Notes Wilks Notes Chkd. Checked
Indexed H.E. OD Date Date No.

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Profile Notes Red____ Plotted____ Job No.____ Division No. 11
No.____ Date____ Date____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd.____ Checked____ Survey by LIND Notes WILKS Date 3-20-61
No.____ Date____ Date____ Map No.____ Indexed H.E.O. Date____

F.B. 2686 Pg. 11

STATION	B.S.	H.I.	F.S.	ELEV.	LINE #6 3-20-61
B.M. 50-9	11 047	1010 450		999 403	B.M. 50-9 EL. = 999.403
T.P.	0 732	999 178	12 004	998 446	
T.P.	0 450	987 868	11 760	987 418	
T.P.	0 711	976 633	11 946	975 922	
T.P.	0 651	965 926	11 358	965 275	
T.P.	0 684	954 828	11 782	954 144	
T.B.M. #11			7 546	947 282	
T.P.	1 048	944 503	11 373	943 455	
T.P. Z-1			9 140	935 363	
T.P.	0 630	933 149	11 984	932 519	
T.P.	0 249	921 772	11 626	921 523	
T.P.	0 839	910 768	11 843	909 929	
T.P.	0 988	899 816	11 940	898 828	
T.P.	0 225	888 650	11 391	888 425	
T.P.	0 806	877 576	11 880	876 770	
T.P.	0 954	867 210	11 320	866 256	
B.M. 50-10			9 042	858 168	
T.P.	0 790	856 304	11 696	855 514	
T.P.	0 880	845 486	11 698	844 606	
T.P.	1 068	834 845	11 709	833 777	
T.P.	0 844	824 478	11 211	823 634	

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STATION	B.S.	H.I.	F.S.	ELEV	LINE #6 CONT	3-20-61
		824 478				
T.P.	0 947	813 445	11 980	812 498		
T.P.	0 549	802 734	11 260	802 185		
Y-4			8 788	793 946		
T.P.	0 503	792 256	10 981	791 753		
T.P.	2 368	783 218	11 406	780 850		
T.B.M. #12			6 040	777 178		
T.P.	1 009	772 723	11 504	771 714		
T.P.	0 970	762 103	11 590	761 133		
T.P.	0 879	751 192	11 790	750 313		
T.P.	1 049	740 812	11 429	739 763		
T.P.	1 032	729 904	11 940	728 872		
T.P.	0 829	718 953	11 780	718 124		
T.P.	0 705	707 668	11 990	706 963		
T.P.	0 960	696 728	11 900	695 768		
T.P.	0 921	685 742	11 907	684 821		
T.B.M. #13			9 750	675 992		
T.P.	0 540	674 552	11 730	674 012		
T.P.	0 622	663 373	11 801	662 751		
T.P.	3 185	654 908	11 650	651 723		
B.M. 50-11			7 358	647 550	B.M. 50-11 EL. = 647.570	

F.B. 2686 Pg. 42

Job No. 0021.84 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of P.B. Landslide Date ____ No. ____

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

Indexed H.E. OTT Date ____ Date ____ No. ____

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #4 4-18-61
T.B.M. 34-15A	2848	233835		230987	T.B.M. 34-15A ELEV. 230987 BT. SPK. IN LEAD
T.P.	3620	231567	5888	227947	
T.P.	3709	229616	5660	225907	
T.P.	3493	226332	6777	222839	
T.P.	2910	222202	7040	219292	
T.P.	3798	218027	7973	214229	
T.B.M. 50-13A	3538	213916	7649	210378	SPK. & TIN IN CURB.
B.M. 50-13	3279	211269	5926	207990	C.S. MON.
T.P.	5298	208469	8098	203171	
T.B.M. #15			11179	197290	NAIL & LEAD IN HEADWALL
T.P.	8325	216422	0372	208097	
RADIAL #2 Ecc. 1			6839	209583	3/4" CAPPED IRON PIPE.
T.P.	5293	213909	7806	208616	
RADIAL #2			11100	202809	C.S. MON.
T.P.	7042	218079	2872	211037	
J-#4			2270	215809	C.S. MON.
J-#3			5453	212626	C.S. MON.
T.P.	0680	211860	6899	211180	
J-#1			9790	202070	3/4" CAPPED IRON PIPE
T.P.			1689	210171	

Profile No. ___ Notes Red ___ Plotted ___ Job No. [illegible] Division No. 11 F.B. 2683 Pg. 43
X-Sec. No. ___ Date ___ Date ___ Survey of [illegible] Road Landslide
Notes Chkd. ___ Checked ___ Survey by [illegible] Notes T.O. Date 4-18-61
No. ___ Date ___ Date ___ Map No. ___ Indexed H. E. Oil Date [illegible]

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STATION	B.S.	H.I.	F.S.	ELEV	LINE #4	4-18-61
T.P.	11967	222138		210171		
T.P.	10460	231860	0738	221400		
J-#1A			0750	231110	C.S. MON.	
T.P.	0735	221865	10730	221130		
T.P.	0384	211728	10521	211344		
T.P.	0896	202601	10023	201705		
T.P.			11001	191600	* BEGINING OF SIDE LINE	
T.P.	0573	192118	11056	191545		
T.P.	1134	181982	11270	180848		
T.P.	1136	171911	11207	170775		
T.P.	0697	160848	11760	160151		
T.P.	0874	150356	11366	149482		
T.P.	0499	139347	11508	138848		
T.P.	2083	137862	3568	135779		
T.B.M. #25			11389	126473	BT. SPK. & LEAD.	
T.P.	0956	192556		191600	* TAKE OFF AHEAD	
T.P.	10430	195577	7409	185147		
T.P.	4450	199357	0670	194907		
B.M. 34-17A	5632	198288	6701	192656	C.S. MON.	
T.P.	5170	198368	5090	193198		
T.P.			6390	191978		

F.B. 2683 Pg. 44

Job No. 0021.64 Division No. 11 Notes Red Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date 4-18-61 Date No.
Survey by C.K. LIND Notes T.O. Notes Chkd. Checked X-Sec.
Indexed B.E. OD Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #4	4-18-61
T.P.	5525	197503		191978		
T.P.	1890	191537	7856	189647		
T.P.	1160	182087	10610	180927		
T.P.	0686	172892	9881	172206		
BM. 34-18			4238	168654	C.S. MON.	
T.P.			11940	160952	* BGN SIDE LINE	
T.P.	11264	183466	0690	172202		
T.P.	5674	187055	2085	181381		
T.P.	8668	193751	1972	185083		
P.#3A			3356	190395	C.S. MON.	
T.P.	2296	163248		160952	* TAKE OFF AHEAD	
T.P.	6125	163768	5605	157643		
P.#3			5726	158042	L. & T.	
T.P.	5881	165558	4091	159677		
T.P.	5850	167162	4246	161312		
T.P.	5767	168259	4670	162492		
P.#2			4863	163396	L. & T.	
T.P.	6580	170952	3887	164372		
T.B.M. #31			3868	167084	L. & T.	

Profile Notes Red. Plotted Job No. 00214 Division No. 11
No. X-Sec. Date Date Survey of PORTUGUESE BEND LANDSLIDE
No. Notes Chkd. Checked Survey by C.K. LIND Notes T.O. Date 4-18-61
Date Date Map No. Indexed H.E.O.M. Date

F.B. 2683 Pg. 45

76L-298 CE 307 11-58

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X

STATION	B.S.	H.I.	F.S.	ELEV	LINE #3	4-19-61
TBM 34-15A	0710	231697		230987	L&T	
TP	0722	220914	11505	220192		
TP	2959	213722	10151	210763		
TP	2838	210431	6129	207593		
K-13			8689	201742	2" I.P.	
TP	1003	202734	8700	201731		
TP	0873	192267	11348	191394		
K-11	1055	182425	10897	181370	2" I.P.	
K-10A	3602	176337	9690	172735	BT. SPK. W.&T.	
K-10B			6735	169602	2" I.P.	
K-10C			8959	167378	L&T	
K-10			9014	167323	1" I.P.	
TP	4452	169281	11508	164829		
K-9A			5800	163481	BT. SPK. W.&T.	
K-9B			7400	161881	2" I.P.	
K-9			9998	159283	1" I.P.	
K-8A	1372	159209	11444	157837	BT SPK W&T	
K-8B			3742	155467	2" I.P.	
TP	0983	148441	11751	147458		
TP	1040	139708	9773	138668		
TP	11548	141196	10060	129648		

F.B. 2683 Pg. 46

Job No. 002164 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of PORTUGUESE BEND Date ____ Date ____ No. ____

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

Indexed H. E. OH Date ____ Date ____ No. ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 3	4-19-61
		141.196				
K-5	5177	141.196	5177	136019	C.S. MONT.	
TP	[illegible]	130 7[illegible]	[illegible]543	129648		
TP	[illegible]	121 708	[illegible]	119448		
TP	1211	113 542	9377	112331		
W-3			[illegible]	110625	C.S. MONT.	
K-5 AUX	0391	102 148	[illegible]	101757	" " "	
TP	[illegible]	[illegible] 822	11 33[illegible]	90266		
TP	0 588	79 811	11 59[illegible]	[illegible]		
K-4			[illegible]	77 44[illegible]	C.S. MONT.	
TP	[illegible]	[illegible]	1 256	68 553		
TP	4[illegible]	62 904	[illegible]	[illegible]		
TBM #[illegible]			5[illegible]	[illegible]	[illegible] LEAD	
K-3[illegible]			8 7[illegible]	54 189	C.S. MONT.	
TP	0 432	52 436	10 9[illegible]	52 [illegible]		
TP	0 5[illegible]	42 966	9 [illegible]	42 433		
TP	2422	[illegible]	[illegible]	34 871	T.B.M. # 27 AUX. 3	Has been destroyed
K-2 AUX			1 [illegible]87	36 206		
TP	4230	30 302	1 [illegible]	26 072		
TP			10 491	19 811	*	
TP	3 8[illegible]	30 999	3 192	27 110	BEGIN OF SIDE LINE	

Profile Notes Red. ____ Plotted ____ Job No. [illegible] Division No. [illegible] F. B. 2683 Pg. 47
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND
X-Sec. Notes Chkd. ____ Checked ____ Survey by LAND Notes CARD Date 4-19-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #3	4-19-61
		30 999				
TP	1467	25 807	[illegible]	24 340		
TP	0695	17 929	8 573	17 234		
PB #1			10 350	7 579	C.S. MONT. END OF SIDE LINE	
TP	0598	20 [illegible]		[illegible]	* CONT.	
TP	[illegible]	16 571	[illegible]	[illegible] 919		
TP	2 [illegible]	13 999	[illegible]	11 831		
TP	45[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	2698	7 805	[illegible]	[illegible]		
TP	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
TP	2 817	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	9 [illegible]	[illegible]	[illegible]		
PB #8			[illegible]	[illegible]	[illegible]	PB #8 ELEV = 7.994

F. B. 2683 PG. 48
Job No. 20214 Division No. 11 Notes Red. Plotted Profile
Survey of PORTUGUESE BEND Date Date No.
Survey by LIND Notes CARO Notes Chkd. Checked X-Sec.
Indexed H. E. OIL Date Date Date No.

76L-298 S & E #307—1-56

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X

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #6	4-19-61
B.M. 50-9	11701	1011104		999403	B.M. 50-9 ELEV. 999403 PER. F.B.	
T.P.	0934	1000935	11103	1000001	C.S. MON.	
T.P.	0294	989634	11595	989340		
T.P.	0520	978985	11169	978465	⊼ A. CARO	
T.P.	0405	967820	11570	967415		
T.P.	0249	957145	10924	956896		
T.B.M. #11			9871	947274	PK. SPK IN CULVERT	
T.P.	0497	946156	11486	945659		
STA. Z #1	0169	935525	10800	935356	C.S. MON.	
T.P.	0926	924862	11589	923936		
T.P.	0265	914193	11534	913328		
T.P.	0700	903791	11102	903091		
T.P.	0699	892680	11810	891981		
T.P.	0747	882018	11409	881271		
T.P.	0426	870994	11450	870568		
T.P.	2580	862552	11022	859972		
B.M. 50-10	3949	862113	4388	858164	C.S. MON.	
T.P.	0784	851675	11222	850891		
T.P.	0697	841748	10624	841051		
T.P.	0767	831727	10788	830960		
T.P.			11253	820474		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 002168 Division No. 11 F. B. 2683 Pg. 49
X-Sec. No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by CK LIND Notes T.O. Date 4-19-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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F. B. 2683 Pg. 50 Job No 2021-6 Division No 11 Notes Red Plotted Profile
Survey of PORTUGUESE BEND LAND SLIDE Date 4-19-61 Date No. X-Sec.
Survey by C.K. LIND Notes T.O. Notes Chkd. Checked
Indexed H.E. OTT Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #6	4-19-61
T.P.	0970	821444		820474		
T.P.	0758	811062	11140	810304		
T.P.	0441	799944	11559	799503		
Y-#4			5989	793955	BT. SPK. & CEMENT IN 2" IRON PIPE.	
T.P.	0480	789142	11282	788662		
T.P.	3182	783850	8474	780668		
T.B.M. #12			6652	777198	SPK. IN HEADWALL	
T.P.	0709	775606	8953	774897		
T.P.	0861	764534	11933	763673		
T.P.	0634	753389	11779	752755		
T.P.	0202	741969	11623	741767		
T.P.	0542	730563	11948	730021		
T.P.	0799	719693	11669	718894		
T.P.	0602	708952	11843	708350		
T.P.	0559	698773	10738	698214		
T.P.	0798	688228	11343	687430		
T.P.	0711	677129	11813	676418		
T.B.M. #13			1086	676043	SPK. IN CULVERT	
T.P.	1160	666389	11900	665229		
T.P.	1647	656878	11158	655231		
BM. 50-11			9278	647600	C.S. MON	

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2	4-20-61
P.B.-#9	3982	408124		404142	P.B.-#9 ELEV. 404.142 Pe	
T.P.	6778	410967	3935	404189		
T.P.	6803	412767	4008	406959		
P.B.-#9B	7105	416872	3000	409767	BT. SPK. WASHER & TIN.	
P.B.-#9A	6935	421122	2685	414187	BT SPK. WASH. & TIN.	
T.P.	11520	433212	2430	418692	* BGN SIDE LINE	
T.P.	9395	439097	0510	429702		
T.P.	7133	444570	1663	437437		
STA. B-1C			2282	442288	—	
T.P.	5900	424592		418692	*	
T.P.	0402	414034	11000	413592		
P.T.#1			3948	410086	BT SPK. WASH. & TIN.	
STA. B-1B.			4994	409006	C.S. MON.	
T.P.	5335	414039	5330	408704		
STA. B-#1			6200	407839	C.S. MON.	
T.P.	8235	415524	7350	406689	* BGN SIDE LINE.	
T.P.	12000	426914	0610	414914		
STA. C-#1			0482	426432	C.S. MON.	
T.P.	8645	407334		406689	*	
T.P.	0468	397882	9920	397414		
T.P.			10365	387517		

Profile Notes Red. Plotted Job No. 2021.64 Division No. 11 F.B. 2683 Pg. 51
No. Date Date Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by C.K.L.N.D. Notes T.O. Date 4-20-61
No. Date Date Map No. Indexed H.E.O.T. Date

76298 S & E #307—7-55

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F. B. 2683 Pg. 52 | Job No. 2021.64 Division No. 11 Notes Red. Plotted Profile No.
Survey of PORTUGUESE BEND LAND SLIDE Date 4-20-61 Date X-Sec. No.
Survey by C.K. LIND Notes T.O. Notes Chkd. Checked
Indexed H.E. OTT Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2	4-20-61
T.P.	0289	387 806		387 517		
T.P.	0553	378 063	10296	377510		
T.P.	0258	367 051	11270	366793		
T.P.	0526	356599	10978	356073		
T.P.	2145	347279	11465	345134		
B.M. 50-12			6955	340324	C.S. MON	
T.P.	10288	356474	1693	345586		
T.P.	10017	365951	0540	355934		
T.P.			1410	364535	* BGN SIDE LINE.	
T.P.	10560	376336	0176	365776		
T.P.	9538	385112	0762	375574		
T.P.	10725	395205	0632	384480		
STA. DAVIS			2155	393050	C.S. MON.	
T.P.	3920	368455		364535	*	
RADIAL #1			9235	359220	C.S. MON.	
T.P.	1315	359735	10035	358420		
T.P.	0722	349442	11015	348720		
T.P.	1400	339550	11292	338150		
T.P.	0298	329846	10002	329548		
A-#3			8027	321819	C.S. MON.	
A-#4			7590	322230	C.S. MON.	

76L-298 CE 307 11-58

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2	4-20-61
A-#4	7290	329546		322256	C. S. MON.	
T.P.	0190	320451	9285	320261		
G-#1	6625	322388	4688	315763	C.S. MON	
T.P.	3185	318343	7190	315198		
SHEILDS	3810	314193	7960	310383	C. S. MON.	
T.P.	1150	309813	5530	308663		
T.P.	1230	300415	10628	299185		
T.P.	0548	291970	8993	291422		
T.P.	0508	281753	10725	281245		
T.P.	0605	270996	11362	270391		
T.P.	1028	260916	11108	259888		
T.P.	0945	250116	11745	249171		
T.P.	0658	240131	10643	239473		
T.P.	0400	229531	11000	229131		
T.P.	0551	219505	10577	218954		
T.P.	0968	209529	10944	208561		
J-#5			10478	199051	—	
T.P.	5670	204784	10415	199114		
T.P.	7920	212364	0340	204444		
T.B.M. 50-13A			1950	210414	SPK. & TIN IN CURB	

Profile Notes Red Plotted Division No. 11
No. X-Sec. Date Date Survey of PORTUGUESE BEND LANDSLIDE
Notes Chkd. Checked Survey by C.K. LIND Notes To Date 4-20-61
No. Date Date Map No. Indexed L. E. ON Date

F.B. 2683 Pg. 53

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	LINE #1	4-20-61
PB #9	4463	408 605		404 142	C.S. MONT.	
TP	6043	410 995	3653	404 952		
TP	5983	413 675	3303	407 692		
P.I. #5B			3597	410 078	C.S. MONT.	
TP	5320	415 724	3271	410 404		
TP	0623	409 969	6378	409 346		
TBM #30			4649	405 320	SPK. IN LEAD IN CULVERT	
TP	4129	404 565	9533	400 436		
TP	6609	407 868	3306	401 259		
P.I. #4C	4175	410 078	1965	405 903	C.S. MONT.	
TP	11 411	420 368	1121	408 957		
TP			2523	417 845 *		
TP	9819	428 567	1 620	418 748	BEGIN SIDE LINE	
FRUIT TREE #1			4077	424 490	END " "	
TP	6751	424 596		417 845		
TP	5380	425 527	4449	420 147		
SPH RM #1	1767	423 454	3840	421 687	MONT.	
SPH G-7			2693	420 761	"	
SPH RM #2			1 659	421 795	"	
TP	0448	413 012	10 890	412 564		
TP	0774	402 667	11 119	401 893		

F.B. 2683 Pg. 54

Job No. 0021.64 Division No. 11 Notes Red Plotted Profile

Survey of PORTUGUESE BEND LANDSLIDE Date Date No. X-Sec.

Survey by LIND Notes CARO Notes Chkd. Checked No.

Indexed H.E. OTT Date Date Date

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #1	4-20-61
		402 667				
TP	0425	391 714	11378	391289		
TP	1331	382 154	10891	380823		
P.I. #3	0689	373 598	9245	372909	C. E. MONT.	
T.P.	0480	362 351	11727	361871		
TP	0742	351 223	11870	350481		
P.I. #2A	2495	342 614	11104	340119	SPK. & TIN	
P.I. #1	0800	336 324	7090	335524	" " "	
TP	0786	326 023	11087	325237	BEGIN SIDE LINE	
TP	0713	316 445	10291	315732		
TP	0681	306 168	10958	305487		
TP	1045	295 703	11510	294658		
TP	9978	295 061	10620	285083		
SPH-H7A	2869	291235	6695	288366	C. E. MONT.	
" "ECC #1			3092	288143	" " "	
" " " #2			3030	288205	" " "	
" " " #3			3048	288187	" " " END SIDE LINE	
P.I. #1	0750	336274		335524	SPK. & TIN	
TP	1110	326406	10978	325296		
TP	0680	315 243	11843	314563		
TP	0689	304389	11543	303700		

Profile Notes Red Plotted Job No. 2683 Division No. 11
No. X-Sec. Date Date Survey of PORTUGUESE BEND LANDSLIDE
No. Notes Chkd. Checked Survey by LIND Notes CARO Date 4-20-61
Date Date Map No. Index MAP Date

F.B. 2683 Pg. 55

76L-296 CE 307 11-56

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STATION	B.S.	H.I.	F.S.	ELEV	LINE #1	4-20-61
		304 389				
TP	0601	294 086	10 904	293 485		
TP	1531	285 097	10 520	283 566		
P.B. #10	0762	280 294	5 565	279 532	C.E. MONT.	
TP	0258	270 502	10 050	270 244		
TP	0697	259 539	11 660	258 842		
TP	0600	250 152	9 987	249 552		
TP	0485	240 264	10 373	239 779		
TP	0383	230 920	9 727	230 537		
TP	0701	220 853	10 768	220 152		
W.F. #1	6891	217 354	10 390	210 463	SPK. IN STEP	
TP	0903	206 602	11 655	205 699		
P #1			7355	199 247	C.E. MONT.	
TP	0420	195 915	11 107	195 495		
TP	0327	184 555	11 687	184 228		
TP	1865	174 905	11 515	173 040		
T.B.M. #31			7853	167 052	TBM #31 ELEV. = 167.050	

F.B. 2683 Pg. 56

Job No. 002164 Division No. 11 Notes Red Plotted Profile

Survey of PORTUGUESE BEND LANDSLIDE Date Date No. X-Sec.

Survey by LIND Notes CARO Notes Chkd. Checked

Indexed H.E. Ott Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5	4-21-61
P.B. #9	3541	407683		404142	P.B. #9 ELEV 404.142 PER F.B.	
T.P.	6283	411457	2509	405174	C. S. MON.	
T.P.	5769	413002	4224	407233		
P.B.-#9B	0458	410223	3237	409765	BT. SPK. WASH. & TIN.	
T.P.	0625	399126	11722	398501		
T.P.	0770	388654	11242	387884		
T.P.	0651	377537	11768	376886		
T.P.	0549	366712	11374	366163		
T.P.	7345	362893	11164	355548		
S.B.-#3			10049	352844	BT. SPK. WASH. & TIN.	
T.P.	11373	374028	0238	362655		
T.P.	11487	385240	0275	373753		
S.B.-#2			2013	383227	BT. SPK. WASH. & TIN.	
T.P.	10201	394873	0568	384672		
S.B.-#1			6049	388824	BT. SPK. WASH & TIN.	
S.B.-#1A			2740	392133	C. S. MON.	
T.P.			0547	394326	* BG'N OF SIDE LINE.	
T.P.	6609	398992	2490	392383		
T.P.	8568	397040	10520	388472		
WEST FIX			3239	393801		

CONT. ON BACK.

Profile Notes Red ____ Plotted ____ Job No. 002164 Division No. 11 F.B. 2683 PG. 57
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes T.O. Date 4-21-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OD Date ____

76298 S & E #307—7-55

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F. B. 2683 Pg. 58 | Job No 002164 Division No 11 Notes Rgd. Plotted | Profile No. | X-Sec. No.
Survey of PORTUGUESE BEND LANDSLIDE Date 4-21-61 Date
Survey by C.K. LUND Notes T.O. Notes Chkd. Checked
Indexed W.E. ON Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5	4-21-61
T.P.	4101	398427		394326	*	
P.T. Aux #3			6148	392279	BT. SPK. WASH. & TIN	
T.P.	0933	387828	11532	386895		
P.T. #3			4585	383243	BT. SPK.	
T.P.	0614	376883	11560	376268		
P.T. #4	0628	367614	9896	366986	*/ BT. SPK. WASH. & TIN	(BGN SIDE LINE)
T.P.	0964	357146	11432	356182		
T.P.	1191	346617	11720	345426		
T.P.	0257	335343	11531	335086		
H. #2			9240	326103	/	
T.P.	0769	324271	11841	323502		
T.P.	2718	315222	11767	312504		
H. #1			5356	309866	/	
P.T. #4	0822	367808		366986	*/	
T.P.	0752	356907	11653	356155		
T.P.	0798	346135	11570	345337		
P.T. #5	0845	338619	8361	337774	/ BT. SPK. WASH. & TIN.	
T.P.	0831	328115	11335	327284		
T.P.	0934	317399	11650	316465		
P.T. 6 Aux #3			6980	310419	*/ BGN SIDE LINE	

76L-298 9 & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5	4-21-61
P.T. 6 Aux #3	10045	320464		310419	* / BGN SIDE LINE	
I-#1			4339	316125	/ C.E. TAG & CEMENT PLUG IN 2" I.P.	
T.P.	0550	309220	11794	308670		
T.P.	0965	298547	11638	297582		
T.P.	2199	290832	9914	288633		
I-#2			8788	282044	/ C.E. TAG & CEM. PLUG 2" I.P.	
I-#3			10457	280375	/ C.E. TAG & CEM. PLUG 2" I.P.	
T.P.	11860	299979	2713	288119		
BLAKESLEY			0045	299934	/ C. S. MON.	
P.T. 6 Aux #3	0998	311417		310419	* /	
T.P.	0461	300350	11528	299889		
T.P.	0380	288925	11805	288545		
T.P.	1422	279703	10644	278281		
P.T.-7	2063	269799	11967	267736	/	
T.P.	11607	273913	7493	262306	* BGN SIDE LINE.	
T.P.	4185	277064	1034	272879		
T.P.	11888	288499	0453	276611		
T.P.	11602	299327	0774	287725		
T.P.	10969	309878	0418	298909		
P.#4			7350	302528	/ C. S. MON.	

Profile Notes Rod. Plotted Job No 002164 Division No. 11
No. Date Date Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by C.K. LIND Notes T.O. Date 4-21-61
No. Date Date Map No. Indexed H. E. OTT Date

F. B. 2683 Pg. 59

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F. B. 2683 Pg. 60 Job No 3202.64 Division No. 11 Notes Red. Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date 4-2-61 Date No. X-Sec.
Survey by C.K. LIND Notes T.O. Notes Chkd. Checked
Indexed H. E. OH Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5	4-21-61
T.P.	0876	263182		262306	*	
T.P.	0749	254884	9047	254135		
T.P.	0568	244813	10634	244245		
T.P.	1023	235238	10598	234215		
T.P.	0602	224282	11558	223680		
T.P.	1130	214380	11032	213250		
B.M. "C"	4887	208011	11256	203124	✓	
T.P.			11678	196333		
T.P.	8667	216314	0364	207647	* (BGN OF SIDE LINE)	
K#1			3348	212966	✓ C.S. MON.	
T.P.	1695	198028		196333	*	
BM. 34-17A			5348	192680	✓ C.S. MON. B.M. 34-17A EL= 192.656 Per page 44	

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 6	6-6-'61
BM 50-9	11 438	1010 841		999 403	C.S. MON.	
T.P.	0 944	1002 356	9 429	1001 412		
"	0 488	991 392	11 452	990 904		
"	1 077	980 633	11 836	979 556		
"	0 552	969 724	11 461	969 172		
"	0 369	958 619	11 474	958 250		
TBM - 11 ~~B.M. 50-11~~	4 963	952 247	11 335	947 284	B.M. 50-11 ELEV. =	
T.P.	0 841	943 212	9 876	942 371	BT. SPK. IN LEAD	
2-1	1 188	936 567	7 833	935 379		
T.P.	1 086	926 306	11 347	925 220		
"	1 489	916 702	11 093	915 213		
"	0 499	905 947	11 254	905 448		
"	0 292	895 122	11 117	894 830		
"	0 780	884 175	11 727	883 395		
"	0 308	872 636	11 847	872 328		
"	3 696	864 538	11 794	860 842		
B.M. 50-10	3 651	861 812	6 377	858 161	B.M. 50-10 ELEV. =	
T.P.	0 408	850 769	11 451	850 361		
"	0 274	839 835	11 208	839 561		
"	0 429	828 401	11 863	827 962		
"			11 601	816 800		

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2683 Pg. 61
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by BAY Notes BAY Date 6-6-'61
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date JUN 1 2 '61

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F.B. 2683 Pg. 62 | Job No. 0021.64 | Division No. 11 | Notes Red | Plotted | Profile
Survey of PORTUGUESE BEND LANDSLIDE | Date | No. | X-Sec.
Survey by BAY | Notes BAY | Notes Cked | Checked | No.
Indexed H.E.OTT | Date | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 6	6-6-61
T.P.	1 462	818 262		816 800		
"	1 049	808 221	11 090	807 172		
"	0 925	798 295	10851	797 370		
Y-4	2548	796 493	4 350	793 945	✓ Y-4 ELEV. = BT. SPK. IN 2" I.P.	
T.P.	0972	786 463	11002	785 491		
T.B.M. # 12	9118	786 308	9273	777 190	✓ P.K. SPK. IN H.W. TBM # 12	
T.P.	0293	775 782	10819	775 489		
T.P.	0315	764 507	11590	764 192		
T.P.	0552	753 568	11 491	753 016		
T.P.	0308	742 453	11 423	742 145		
T.P.	0757	732 639	10571	731 882		
T.P.	0588	721 554	11 673	720 966		
T.P.	0911	711 428	11 037	710 517		
T.P.	0850	700 429	11 849	699 579		
T.P.	1028	690 002	11 455	688 974		
T.P.	0368	678 947	11 423	678 579		
TBM # 13	2651	678 666	2932	676 015	✓ T.B.M. # 13 P.K. IN H.W.	
T.P.	1258	668 356	11 568	667 098		
T.P.	1014	657 961	11 409	656 947		
BM 50-11			10384	647 577	✓ C.S. MON.	

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #4	6-7-61
T.B.M 34-15A	3 080	234 067		230 987	T.B.M. 34-15A	(BT. SPK. IN CURB)
T.P.	3 972	232 328	5 711	228 356		
"	3 581	229 935	5 974	226 354		
"	3 323	227 056	6 202	223 733		
	2 202	222 047	7 211	219 845		
"	2 588	217 511	7 124	214 923		
"	3 530	214 409	6 632	210 879		
T.B.M. 50-13A	3 292	213 687	4 014	210 395	T.B.M. 50-13A	(BT. SPK. & TIN)
B.M. 50-13	3 790	211 799	5 678	208 009	B.M. 50-13	(C.S. MON.)
T.P.	2 829	206 587	8 041	203 758		
T.B.M. #15			9 316	197 271		
T.P.	8 551	214 831	0 307	206 280		
RADIAL 2 ECC. #1	5 449	214 907	5 373	209 458	RADIAL 2 ECC. #1	(1" I.P., CONC. PLUG)
T.P.	8 219	213 313	9 813	205 094		
RADIAL #2			10 518	202 795	RADIAL #2	(C.S. MON.)
T.P.	4 791	216 692	1 412	211 901		
J-4	3 408	219 112	0 988	215 704	J-4	(C.S. MON.)
J-3			6 652	212 460	J-3	(C.S. MON.)
T.P.	1 971	212 971	8 112	211 000		
J-1			11 084	201 887	3/4" capped pipe	
T.P.			6 378	206 593		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 00216 Division No. 11 F.B. 2683 Pg. 63
X-Sec. No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by BAY Notes BAY Date 6-7-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

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F.B. 2683 Pg. 64 Job No. 0021.64 Division No. 11 Notes Red Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date No. X-Sec.
Survey by BAT Notes BAT Notes Chkd. Checked No.
Indexed H.E. OTT Date Date Date

STATION	B.S.	H.I.	F.S.	ELEV.	LINE #4	6-7-'61
T.P.	11 558	218 151		206 593		
"	11 314	229 115	0 350	217 801		
"	3 741	231 946	0 910	228 205		
J-1A			0 958	230 988	J-1A	(C.S. MON.)
T.P.	0 191	220620	11 517	220 429		
"	0 500	212 863	8 257	212 363		
"	0 544	202 201	11 200	201 663		
" *	0 180	198267	9 120	193 087	* FOR SIDE LINE	
"	9 079	194 698	7 648	185 619		
"	7 888	199 714	2872	191 826		
B.M. 34-17A			7 068	192 646	B.M. 34-17A	(C.S. MON.)
T.P. *	5705	198792		193 087	* BEGIN SIDE LINE	
T.P.	0790	189 767	9 815	188 977		
T.P.	0787	179 115	11 429	178 338		
T.P.	0 503	167 682	11 930	167 185		
T.P.	0352	156 542	11 498	156 190		
T.P.	0201	146 430	10313	146 229		

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X-Sec. No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by BAY Notes BAY Date 6-7-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____
F.B. 2683 Pg. 65

STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 4 CONT. 6-7-61	
T.P.		146 430				
T.P.	1722	137 520	10632	135 798		
T.B.M. #25			10983	126 537	SQ. HD. BOLT & LEAD	STAMPED "25" COR C.B.
BM34-17A	4 625	197 271		192 646	C.S. MON.	
T.P.	5 462	198 470	4263	193 008		
T.P.	5 162	197 652	5980	192 490		
T.P.	2240	191 912	7980	189 672		
T.P.	1182	183 556	9538	182 374		
T.P.	1007	173 228	11335	172 221		
BM 34-18	1679	170 347	4560	168 668	C.S. MON.	168.654
T.P.	11639	173 018	8968	161 379	* BEGIN SIDE LINE	
T.P.	11523	184 283	0258	172 760		
T.P.	3989	187 144	1128	183 155		
T.P.	8204	193 525	1823	185 321		
P-3A			3122	190 403	C.S. MON.	
T.P.	1023	162 402		161 379	* CONT. AHEAD	
P-3	6151	164 218	4335	158 067	2" Tag	
T.P.	6088	166 153	4153	160 065		

F. B. 2683 Pg. 66 Job No. 0021.64 Division No. 11 Notes Red ____ Plotted ____ Profile

Survey of PORTUGUESE BEND LANDSLIDE Date ____ Date ____ No. ____

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STATION	B.S.	H.I.	F.S.	ELEV.	
T.P.		166.153			
T.P.	5.805	167.678	4.283	161.870	
P-2	6.864	170.274	4.268	163.410	L of Trs
T.B.M. #31			3.170	167.104	L of TK.
					LINE #4
					6-7-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 1	6-8-61
P.B. #9	4500	408642		404 142	C.S. MON.	
T.P.	6750	411 707	3685	404 957		
T.P.	5872	414 335	3244	408 463		
P.I. #5B			4247	410 088	C.S. MON.	
T.P.	2885	413 825	3395	410 940		
T.B.M. #30	0100	405 435	8490	405 335	BT. SPK. IN LEAD IN C.B.	
T.P.	6828	407 533	4730	400 705		
P.I. #4C	5073	410 985	1621	405 912	C.S. MON.	
T.P.	8390	418 882	0493	410 492		
T.P.*	9190	427 940	0132	418 750	* BEGIN SIDE LINE	
F.T. #1			3457	424 483	END " "	
T.P.*	4985	423 735		418 750	* CONT. AHEAD	
T.P.	6465	424 925	5275	418 460		
T.P.	5808	425 953	4780	420 145		
S.P.H. G-7	2550	423 283	5220	420 733	C.S. MON.	
R.M. 1			1630	421 653	"	
R.M. 2			1521	421 762	"	
T.P.	1468	413 365	11386	411 897		
T.P.	1020	402 575	11810	401 555		
T.P.	0000	390 948	11627	390 948		
T.P.	1801	382 289	10460	380 488		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2683 Pg. 67
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Notes Chkd. ____ Checked ____ Survey by BAY Notes BAY Date 6-8-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

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F.B. 2683 Pg. 68 Job No. 00216 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of PORTUGUESE BEND LANDSLIDE Date ____ No. ____ X-Sec. ____
Survey by R.E. ON Notes ____ Notes Chkd. ____ Checked ____ No. ____
Indexed ____ Date ____ Date ____ Date ____

STATION	B.S.	H.I. 382 289	F.S.	ELEV.	LINE # 1	6-8-61
P.I. # 3	0502	373 419	9372	372 917	// C.S. MON.	
T.P.	0689	362 568	11540	361 879		
T.P.	1012	351 508	12072	350 496		
P.I. # 2A	3020	343 157	11371	340 137	// SPK. & T.	
P.I. # 1 *	1396	336 943	7610	335 547	* SPK. & T.	Basin Side Line
T.P.	0812	326 071	11684	325 259		
T.P.	0340	316 090	10321	315 750		
T.P.	0530	306 035	10585	305 505		
T.P.	0450	295 123	11362	294 673		
T.P.	0707	285 803	10027	285 096		
T.P.	10915	290 018	6700	279 103		
SPH H-7A ECC. 1			2850	287 168		
" ECC. 2			2793	287 225		
" CTR.			2638	287 380		
" ECC. 3			2820	287 198	END SIDE LINE	
P.I. # 1 #	0419	335 966		335 547	* / CONT. AHEAD	
T.P.	0238	325 547	10657	325 309		
T.P.	0521	314 434	11634	313 913		
T.P.	0874	304 594	10714	303 720		
T.P.	1573	295 690	10471	294 123		

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #1	6-8-61
T.P.		295696				
T. P.	0763	286 579	9880	285816		
P.B.# 10	0404	279944	7039	279 540	✓ C.E. MON.	
T.P.	0381	270627	9698	270246		
T.P.	0315	259192	11780	258847		
T.P.	0217	249761	9648	249544		
T.P.	0878	240643	9996	239765		
T.P.	0283	230813	10113	230530		
T.P.	0346	221414	9745	221068		
W.F.#1	6888	217 357	10945	210469	✓ SQ. HD. SPK IN LEAD.	
T.P.	2762	210 424	9695	207662		
P#1			11160	199 264	✓ C.S. MON.	
T. P.	0260	199 478	11206	199 218		
T. P.	0620	187 862	12236	187 242		
T. P.	0611	177 423	11050	176 812		
T.B.M.# 31			10362	167 061	✓ L+TK.	

Profile Notes Red Plotted Job No. 0021.64 Division No. 11 F. B. 26883 Pg. 69
No. X-Sec. Date Date Survey of PORTUGUESE BEND LANDSLIDE
No. Notes Chkd. Checked Survey by BAY Note BAY Date 6-8-61
No. Date Date Map No. Indexed C.E. CM Date

F. B. 2683 Pg. 70 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile

Survey of PORTUGUESE BEND LANDSLIDE Date Date No.

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

Indexed Date Date Date No.

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

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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.	LINE #3	6-9-61
TBM 34-15A	0885	231 872		230 987	BT. SPK. IN LEAD IN Cb.	
T. P.	0693	220 845	11720	220 152		
T. P.	3105	212 986	10964	209 881		
K-13	2706	204 442	11250	201 736	2" I. P.	
T. P.	0388	193 582	11248	193 194		
K-11	0624	182 001	12205	181 377	2" I. P.	
K-10A	3273	176 010	9264	172 737	BT. SPK. W. & T	
K-10B			6409	169 601	2" I. P.	7.758 +.81
K-10C			8631	167 379	L & T (R.E. 122)	
K-10					1" I. P.	
T. P.	0661	165 493	11178	164 832		
K-9A			2012	163 481	BT. SPK. W. & T	
K-9B			3609	161 884	2" I. P.	
K-9			6205	159 288	1" I. P.	
K-8A			7654	157 839	BT. SPK. W. & T	
K-8B			10030	155 463	2" I. P.	
T. P.	0424	154 704	11213	154 280		
T. P.	0560	143 352	11912	142 792		
T. P. *	9810	141 802	11360	131 992	* BEGIN SIDE LINE	
K-5			5795	136 007	C.S. MON. END SIDE LINE	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2683 Pg. 71
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by BAY Notes BAY Date 6-9-61
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 3	6-9-61
T. P. *	0605	132 597		131 992	CONT. AHEAD	
T. P.	1734	122 938	11 393	121 204		
T. P.	0806	115 979	7765	115 173		
W-3			5370	110 609	C.S. MON.	
T. P.	3072	110 251	8800	107 179		
K-5 AUX.	0531	102 285	8497	101 754		
T. P.	0261	91 108	11438	90 847		
T. P.	0528	79 549	12087	79 021		
K-4			2328	77 221	C.S. MON.	
T. P.	0602	68 945	11206	68 343		
T. P.	2293	61 042	10196	58 749		
TBM #28			3473	57 569	BT. SPK. IN LEAD	
K-3A	1899	56 066	6875	54 167	C.S. MON.	
T. P.	1568	45 793	11 841	44 225		
T. P.	4752	39 123	11422	34 371		
K-2 AUX.			2779	36 344	2" I. P.	
T. P.	0635	31 719	8039	31 084		
T. P.	8919	33 408	7229	24 490 *		
	BEG SIDE LINE TO P.B. #1					
T.P.	1501	29 686	5223	28 185		
T.P.	4 537	17 990	12 233	17 453		

F. B. 2683 Pg. 72 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date Date No. X-Sec.
Survey by BAY Notes BAY Notes Chkd. Checked
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.	LINE # 3	CONT. 6-9-61
		17 990				
P.B. #1			10 375	7 615	P.B. # 1 =	EL = 7.600 C.S. MON.
		END SIDE		IND		
T.P.	1366	25 856		24 490	*	
T.P.	3057	17 520	11 387	14 469	IX	
T.P.	4089	15 830	5785	10 741	ROCK	
T.P.	4421	16 889	3362	12 468	"	
T.P.	0561	12 835	4 615	12 274	ROCK	
T.P.	3278	5 681	10 432	2 403		
P.B. 6-B	5214	5484	5411	0 270	NOTE. P.B. 6-A DESTROYED.	
T.P.	4463	6397	3550	1 934	RESET SET A BT SPK IN ROCK	
T.P.	4410	7947	2860	3537	IN SAME SPOT AS OLD	
T.P.	5641	10 213	3375	4572	SPK NEW SPK CALLED P.B. 6-B	
P.B. # 9			2245	7968	P.B. # 9 EL = 7.994	
			END OF		LINE # 3	

Profile Notes Red ____ Plotted ____ Job No. 002164 Division No. 11 F. B. 2683 PG. 73
No. ____ Date ____ Date ____ Survey of P.B. CANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by FAY Notes LINA Date 6-9-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. ON Date ____

F. B. 2683 Pg. 74 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile

Survey of P. B. LANDSLIDE Date Date No.

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

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.

BLANK

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STATION	B. S.	H. I.	F. S.	ELEV.	P. B. LANDSLIDE	LINE # 2 - 6-8-61
P.B. #9	4333	403 475		404 142	P. B. #9 EL=	404.142 C.S. MON
T.P.	6419	411 582	3312	405 163		
T.P.	6825	414 049	4353	407 224		
P.B. #9B	7455	417 213	4291	409 758	Bt. Spk W. & TIN	
T.P.	7255	421 428	3040	414 173		
T.P.	11 868	430 548	2748	418 680 *		
	BEG SIDE TO B-1-C					
T.P.	9417	439 101	0864	429 684		
T.P.	8108	445 526	1 683	437 418		
B-1-C			3255	442 271	C.S. MON	
	END SIDE LINE					
T.P.	5883	424 563		418 680 *		
T.P.	0331	413 676	11 218	413 345		
P.T. #1			3780	409 892	Bt. Spk W. & TIN	
B-1-B			4890	408 782	C.S. MON	
T.P.	4732	414 073	4335	409 341		
B-1			6459	407 614	C.S. MON.	
T.P.	1 023	407 469	7632	406 441		
T.P.	0768	397 466	10771	396 698		
T.P.	0668	387 456	10 678	386 788		
T.P.	0796	376 706	11 546	375 910		

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2683 Pg. 75
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LINE Notes LINE Date 6-8-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2 CONT. 6-8-61	
		376 706				
T.P.	0 920	366 944	10 182	366 524		
T.P.	0 287	356 141	11 090	355 854		
T.P.	1 142	346 095	11 188	344 953		
BM 50-12			5 905	340 190	✓ C. S. MON	
T.P.	[illegible]	357 [illegible]	0 628	[illegible]		
T.P.	9 0[illegible]	366 1[illegible]	0 2[illegible]	[illegible]		
T.P.	11 075	375 394	1 788	364 319	* BRG SIDE LINE	TO STA DAVIS
T.P.	11 354	386 236	0 512	374 882		
T.P.	10 795	396 309	0 722	385 514		
STA DAVIS			3 541	392 768	✓ C. S. MON.	
		END	SIDE	LINE		
T.P.	3 598	367 917		364 319		
RADIAL 1			8 785	359 132	✓ C. S. MON.	
T.P.	0 922	359 264	9 575	358 342		
T.P.	0 942	349 964	10 242	349 022		
T.P.	0 599	339 834	10 729	339 235		
T.P.	1 108	330 529	10 413	329 421		
STA A-3	8 422	330 109	8 843	321 686	✓ C.S. MON.	
STA A-4			7 908	322 200	✓ C.S. MON	
T.P.	0 958	321 179	9 887	320 221		

F. B. 2683 Pg. 76
Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile
Survey of R.B. LANDSLIDE Date Date No. X-Sec.
Survey by H. E. Ott Notes Chkd. Checked
Indexed Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 2 CONT.	6-8-61
		321 179				
STA 5-2	7061	322 780	5460	315 719	C.S. MON	
T.P.	3598	318 756	7622	315 158		
STA [illegible]	4169	314 505	8417	310 339	C.S. MON.	
T.P.	4808	313 464	5852	308 656	1x2	
T.P.	0390	301 991	11 863	301 601	"	
T.P.	1070	292 451	10 [illegible]	291 381	"	
T.P.	0997	282 193	11 [illegible]	281 196	"	
T.P.	0204	271 050	11 347	270 845	"	
T.P.	0374	260 641	10 [illegible]	260 267	"	
T.P.	0642	249 675	11 608	249 033	"	
T.P.	0927	239 202	11 400	238 275	"	
T.P.	0902	228 288	11 816	227 386	"	
T.P.	0874	217 274	11 888	216 400	"	
T.P.	2736	209 069	10 941	206 333	"	
4-5			10147	198 922	C.S. MON.	
T.P.	8543	206 504	11 108	197 961		
T.B.M # 15			9238	197 266	P.K. in Culvert	
T.P.	7608	211 157	2 955	203 549		
BM 50-13			3 148	208 009	BM 50-13 EL= 208.009 PER PG # 63	
		END	OF	LINE # 2	C.S. MON.	

Profile Notes Red. ____ Plotted ____ Job No. 002164 Division No. 11 F.B. 2683 Pg. 77
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 6-8-61
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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76L-298 S & E #307—1-58

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F. B. 26283 Pg. 78 Job No. 0221.24 Division No. 11 Notes Red. Plotted
Survey of [illegible] Date Date
Survey by [illegible] Notes Notes Chkd. Checked
Indexed H. E. Ott Date Date Date
Profile No. X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE LINE #5 6-9-61
P.B. #9-B	0 652	410 410		409 758	✓ P.B. #9-B EL= 409.758
T.P.	0 643	399 433	11 635	399 825	"
T.P.	1 823	35 [illegible]	11 [illegible]	33 [illegible]	"
T.P.	[illegible]	[illegible]	11 451	[illegible]	"
T.P.	0 [illegible]	367 781	[illegible]	[illegible]	"
T.P.	0 340	357 267	10 951	356 926	"
S.B. #3	1 [illegible]	[illegible] 271	[illegible]	352 [illegible]	✓ 1 Ft Spk. W. of Tin
T.P.	11 [illegible]	[illegible] 104	0 442	[illegible]	Spk
T.P.	11 115	385 799	0 439	374 671	Spk
S.B. #2	11 342	[illegible]	2 568	393 221	✓ 1 Ft Spk. W. Tin
S.B. #1			2 [illegible]	[illegible]	✓ [illegible]
S.B. #2			5 [illegible]	[illegible]	✓ Ft Spk W. of T.
	Base Sta	Line			West Fix
T.P.	7 [illegible]	[illegible]	2 [illegible]	[illegible]	102
Sta W. Fix			5 720	39[illegible]	✓ C. S. Mon.
	Base Sta	Line			
S.B. #1	1 [illegible]	[illegible]		[illegible]	✓ Ft Spk W. of Tin
P.T. #2 Adj	0 [illegible]	[illegible]	6 [illegible]	[illegible]	✓ Ft Spk W. of Tin
P.T. #3	0 [illegible]	384 011	[illegible]	384 165	✓ Spk
T.P.	0 918	374 473	10 351	373 655	
P.T. #4	1 364	368 168	7 [illegible]	[illegible]	✓ Ft W. of Tin

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 5. CONT 6-9-61
		368 168			
		[illegible]	[illegible]	[illegible]	H-2 & H-4
T.P.	0 [illegible]	357 378	11 262	356 906	Spk
T.P.	0 [illegible]	[illegible] 867	[illegible]	[illegible]	Spk
T.P.	0 [illegible]	[illegible]	[illegible]	[illegible]	Spk
H-2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
T.P.	0 329	316 614	10 [illegible]	316 285	Spk
H-4			6 827	309 787	2" I.P.
		END	SIDE	LINE	
P.T. # 4	0 869	367 772		366 904	* Bt. Spk W. & Tin
T.P.	0367	356 351	11 293	356 484	Spk
T.P.	1 [illegible]	347 [illegible]	11 329	345 523	Spk
P.T. #5	1 179	338 861	9 378	337 683	Bt. Spk W. & Tin
T.P.	0 840	[illegible]	11 045	327 816	Spk
T.P.	0 [illegible]	[illegible]	11 349	317 307	
PT# 6 Aux 3	10248	320 574	7 903	310 326	* Bt. Spk W. & Tin
		[illegible]	[illegible]	[illegible]	TO I-1, I-2, I-3 [illegible]
I-1			4 488	316 086	2" I.P.
T.P.	0 860	307 799	13 635	306 939	Spk
T.P.	0 710	297 [illegible]	11 443	296 356	Spk
T.P.	4 695	293 240	8 521	288 545	Rock

Profile Notes Red. ____ Plotted ____ Job No. [illegible] Division No. 11 F. B. 2683 Pg. 79
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	[illegible]	6-9-61
		295 240				
I-2			[illegible]	[illegible]	1" IP.	
I-3			[illegible]	[illegible]	1" [illegible]	
T.P.	[illegible]	199 [illegible]	2878	[illegible]		
[illegible]			[illegible]	[illegible]	[illegible]	
		[illegible]	[illegible]	[illegible]		
[illegible]	2109	312 435		[illegible]	[illegible]	
T.P.	[illegible]	302 [illegible]	11 130	301 255	Spk	
T.P.	0381	[illegible]	11 185	[illegible]	1x2	
T.P.	2632	281 999	[illegible]	[illegible]	Spk	
T.P.	1 085	272 214	10 370	271 129	Spk	
P.T. # 7			4 505	267 709	Bt. Spk w. & tin	
T.P.	11 673	273 132	10 733	261 459 *	Spk	
		Beg side line to [illegible]				
T.P.	4 422	277 [illegible]	0 298	272 834	1x2"	
T.P.	11 735	[illegible]	0 287	276 569	1x2	
T.P.	11 915	[illegible]	[illegible]	287 [illegible]	1x2	
T.P.	11 997	310 871	0 722	[illegible]	1x2	
STA [illegible]			8 335	302 [illegible]	[illegible]	
		End side line				
T.P.	0353	261 302		261 459 *		

F. B. 2683 Pg. 80

Job No. [illegible] Division No. 11 Notes Red. Plotted Profile

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

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

Indexed H. E. Ott Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 5 CONT. 6-9-61	
		261 802				
T.P.	0794	251 982	10 614	251 188	Spk	
T.P.	0373	240 635	11720	240 262	Spk	
T.P.	0631	230 032	11 234	229 401	Spk	
T.P.	0927	[illegible]	[illegible]	219 210	Spk	
T.P.	[illegible]	[illegible]	9340	210 797	[illegible]	
[illegible] "C"	0681	203 771	[illegible]	[illegible]	[illegible]	
T.P.	2302	195 460	10 613	193 148	T.P.	
BM 34 17-A	11 [illegible]	[illegible]	[illegible]	192 647	BM 34 [illegible]	192.642 [illegible] 65
T.P.	[illegible]	214 722	[illegible]	[illegible]	182	
[illegible] K-1			1 827	212 937	[illegible]	
		END	OF	LINE	# 5	

Profile Notes Red. ____ Plotted ____ Job No. 0021.24 Division No. 11 F. B. 2683 Pg. 81
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2683 Pg. 82 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile

Survey of F. B. 2683 & 2705 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.

BLANK

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76L-298 S & E #307—1-56

76298 S & E #307—7-55

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(P)

(START)

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #6	
B.M. 50-9	11 152	1010555		999 903		
T.P.	0277	998903	11 929	998626		
T.P.	0529	987990	11 442	987461		
T.P.	0563	976 768	11 785	976205		
T.P.	0275	965259	11 784	964984		
T.P.	0947	955142	11 064	954195		
T.B.M. #11			7 855	947287	T.B.M. #11 PK. SPK IN CULVERT. (SIDE SHOT)	
T.P.	1 243	945163	11 222	943920		
STA. Z-1	0 294	935 670	9 787	935376	Z-1 C.S. MON.	
T.P.	1 368	925613	11 425	924245		
T.P.	1 012	915925	10700	914913		
T.P.	0591	905747	10769	905156		
T.P.	0842	894726	11 863	893884		
T.P.	0851	885407	10170	884556		
T.P.	0637	875 251	10793	874614		
T.P.	0375	865400	10 226	865025		
B.M. 50-10			7 249	858151	B.M. 50-10 C.S. MON. (SIDE SHOT)	
T.P.	1 015	855 817	10 598	854802		
T.P.	0231	844983	11 065	844752		
T.P.	0235	833.336	11 882	833101		
T.P.	0420	822694	11 062	822274		

Profile Notes Red. Plotted Job No. 0021.64 Division No. 11 F. B. 2683 Pg. 83
No. Date Date Survey of P.B. LANDSLIDE - LEVELS
X-Sec. Notes Chkd. Checked Survey by W.D. BAY Notes Date 7-27-61
No. Date Date Map No. Indexed H. E. ORT Date AUG 1 '61

76298 S & E #307—7-55

(D)

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F. B. 2663 Pg. 84 | Job No. 002.64 Division No. 11 Notes Red. Plotted
Survey of P.B. LANDSLIDE - LEVELS Date 7-27-61 Date No. X-Sec.
Survey by W. D. BAY Notes BAZEN Notes Chkd. Checked
Indexed H. E. OH Date Date Date No. Profile

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #6	
		822 694				
T.P.	0378	811 400	11672	811022		
T.P.	0308	800 707	11001	800399		
Y-4			6775	793932	Y-4 SPK. SET IN CONC. IN 2" I.P. (SIDE SHOT)	
T.P.	0354	789526	11535	789172		
T.P.	7958	786274	11210	778316		
T.B.M #12	9093	786274	9093	777181	P.K. SPK. IN H.W.	
T.P.	0588	778904	7958	778316		
T.P.	0315	767789	11430	767474		
T.P.	0868	757010	11647	756142		
T.P.	0251	745647	11614	745396		
T.P.	0350	734545	11452	734195		
T.P.	0475	724038	10982	723563		
T.P.	0633	713308	11363	712675		
T.P.	0336	701644	12000	701308		
T.P.	0514	690568	11590	690054		
T.P.	0626	680054	11140	679428		
T.B.M #13			4051	676003	PK IN CULVERT (SIDE SHOT)	
T.P.	0211	668854	11411	668643		
T.P.	1359	659080	11133	657721		
B.M. 50-11		(FINISH)	11513	647567	B.M. 50-11 C.S. MON.	

76L-298 S & E #307—1-56

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(START)

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #1
P.B. #9	4261	408403		404142	P.B. #9 C.S. MON.
T.P.	6351	411311	3443	404960	
P.I. #5-B	4984	415085	1210	410101	C.S. MON.
T.P.	1022	412454	3653	411432	
P.B.M. #30	0363	405682	7135	405319	SPK. IN CULVERT
T.P.	6854	406884	5652	400030	
T.P.	6423	408905	4402	402482	
P.I. #4-C			3008	405897	C.S. MON. (SIDE SHOT)
T.P.	10735	416910	2730	406175	
* T.P.	2707	419202	0415	416495	* BEGIN SIDLINE TO FRUITTREE.
T.P.	10397	427931	1668	417534	
FRUITTREE #1			3450	424481	FRUITTREE #1 C.S. MON.
* T.P.	7735	424230		416495	* PICKUP ON T.P.
T.P.	5260	425438	4052	420178	
T.P.	5823	426813	4448	420990	
R.M. #1	4322	426007	5128	421685	R.M. MON
S.P.H. G-7			5242	420765	TRIANG. MON
R.M. #2			4214	421793	
T.P.	1318	416653	10672	415335	
T.P.	3004	410114	9543	407110	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2683 Pg. 85
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by W.D. BAY Notes BAZEN Date 7-27-61
No. ____ Date ____ Date ____ Map No. ____ Indexed E. OTT Date ____

76L-298 S & E #307—1-56

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410.114

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #1
T.P.	0760	400465	10409	399705	
T.P.	0243	391130	9578	390887	
T.P.	1500	381991	10639	380491	
P.I. #3	0301	373228	9064	372927	✓ C.S. MON.
T.P.	0692	362582	11338	361890	
T.P.	0925	351787	11720	350862	
T.P.	1042	343581	9248	342539	
P.I. #2-A			3443	340138	✓ SPK. & TIN.
*P.I. #1	1565	337110	8036	335545	* " " (BEGIN SIDELINE)
T.P.	0599	325852	11857	325253	
T.P.	0330	316076	10106	315746	
T.P.	0378	304598	11856	304220	
T.P.	0503	293869	11232	293366	
T.P.	10630	295721	8778	285091	
S.P.H. H-7A			7343	288378	✓ C.S. MON
ECC. #3			7528	288193	✓ C.S. MON. (END OF SIDELINE)
*P.I. #1	0862	336407		335545	*
T.P.	1390	327562	10235	326172	
T.P.	0839	317333	11068	316494	
T.P.	0873	307041	11165	306168	
T.P.	0238	296415	10864	296177	

F. B. 2683 Pg. 86 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile
Survey of P.B. LANDSLIDE Date 7-27-61 Date No. X-Sec.
Survey by BAY Notes BAZEN Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 CE 307 11-58

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296.415

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #1
T.P.	0678	286505	10588	285827	
P.B. #10	0287	279844	6948	279557	C.S. MON.
T.P.	0276	268230	11890	267954	
T.P.	0285	259155	9360	258870	
T.P.	0563	250137	9581	249574	
T.P.	0884	240683	10338	239799	
T.P.	0573	230541	10715	229968	
T.P.	0833	220201	11173	219368	
W.F. #1	6942	217436	9707	210494	SPK. IN STEPS.
T.P	4873	210901	11408	206028	
P-1			11631	199270	SIDE SHOT
T.P.	0698	206726		206028	
T.P.	0520	196859	10387	196339	
T.P	0901	187124	10636	186223	
T.P	0292	177115	10301	176823	
TBM #31			10034	167081	L&T
		(END)			

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2683 Pg. 87
No. ____ Date ____ Date ____ Survey of P.B. LEVELS - LINE #1
X-Sec. Notes Chkd. ____ Checked ____ Survey by W.D. BAY Notes BAZEN Date 7-27-61
No. ____ Date ____ Date ____ Map No. ____ Indexed B.E. OTT Date ____

F.B. 2663 Pg. 88 | 0021.64

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

Survey of P.B. LANDSLIDE Date 7-27-61 Date ____ No. ____

Survey by W.D. BAY Notes BAZEN Notes Chkd. ____ Checked ____ X-Sec.

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

BLANK

75L-296 CE 307 11-58

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(START)

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #3
T.B.M. 34-15A	0582	231 569		230 987	
T.P.	1 351	221 506	11 414	220155	
T.P.	3101	213868	10739	210767	
T.P.	3640	210985	6523	207345	
K-13			9263	201722	2" I.P. (SIDE SHOT)
T.P.	0481	202223	9243	201742	
T.P.	0188	191 513	10898	191325	
T.P.	1223	182007	10729	180784	
K-11			0622	181385	2" I.P.
K-10A	0542	173 287	9262	172745	SPK. & TIN (T.P.)
K-10B			3671	169616	2" I.P.
K-10C			5901	167386	C & T.
K-10			5964	167323	1" I.P.
K-9A	6272	169 761	9798	163489	SPK. W. & T. (T.P.)
K-9B.			7868	161893	2" I.P.
K-9	3151	162449	10463	159298	1" I.P. (T.P.)
K-8A			4598	157851	BT. SPK. & W. & TIN
K-8B			6970	155479	2" I.P.
T.P.	1175	151 952	11672	150777	
T.P.	0471	142 895	9528	142424	
* T.P.	9495	141503	10887	132008	* BEGIN SIDELINE

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2683 Pg. 89
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by W.D. BA-1 Notes BAZEN Date 7-28-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. ON Date ____

76L-298 S & E #307—1-56

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141503 Do not extend notes this side of this line.

F. B. 2683 Pg. 90 | Job No 0021.64 | Division No 11 | Notes Red | Plotted | Profile
Survey of P.S. LEVELS - LINE #3 | Date 7-28-61 | Date | No | X-Sec.
Survey by W.P. BAY | Notes BRZEN | Notes Chkd | Checked
Indexed M.E. OH | Date | Date | Date | No

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #3.
K-5			5468	136035	C.S. MON.
	END OF SIDE LINE.				
* T.P.	0734	132742		132008	*
T.P.	0782	122481	11043	121699	
T.P.	1585	113903	10163	112318	
W-3	2866	113501	3268	110635	C.S. MON.
K-5AUX	0552	102329	11724	101777	C.S. MON.
T.P.	0574	91566	11337	90992	
T.P.	0978	80826	11718	79848	
K-4			3802	77024	C.S. MON. (SIDE 540 T)
T.P.	0807	70983	10650	70176	
T.P.	1784	60772	11995	58988	
T.B.M. #28			3232	57540	SPK. SET IN CONC.
K-3A	3163	57372	6563	54209	C.S. MON.
T.P.	0913	48883	9402	47970	
T.P.	1364	39778	10969	38414	
T.P.	4574	38777	5573	34203	
K2-A ?			2237	36540	
T.P.	1062	32346	7493	31284	
* T.P.	7485	32656	7175	25171	* BEGIN SIDE LINE.
T.P.	5362	34087	3931	28725	

76L-298 S & E #307—1-56

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34.087 Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #3	
T.P.	1323	23789	11621	22466		
T.P.	0548	18228	6109	17680		
P.B. #1			10578	07650	✓ C.S.1400N	
	END OF SIDELINE					
* T.P.	1958	27129		25171	*	
T.P.	0240	17572	9797	17332		
T.P.	5305	17289	5588	11984		
T.P.	6610	17509	6390	10899		
T.P.	11440	23979	4970	12539	(P.B. 5-A & 6-A UNDER HIGH TIDE)	
T.P.	1528	18182	7325	16654		
T.P.	2409	9537	11054	7128		
T.P.	9328	10136	3729	5808		
T.P.	10215	14786	5565	4571		
P.B. #8			6740	8046	✓	
		(END)				

Profile Notes Red Plotted Job No. 0021.61 Division No. 11
No. X-Sec. Date Date Survey of P.B. LEVELS - LINE #3
Notes Chkd Checked Survey by W.P. Boyd Notes Taken Date 7-28-61
No. Date Date Map No. Indexed Date

F. B. 2683 Pg. 91

F. B. 2683 Pg. 92 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile

Survey of F.B. LANDSLIDE Date 7-28-61 Date No.

Survey by BAY Notes BAZEN Notes Chkd Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-58

76L-298 CE 307 11-58

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START

STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 4
TBM #34 15A	2 297	233284		230 987	L&T
T.P.	3 248	231 398	5 134	228150	
T.P	3 407	229320	5 485	225913	
T.P.	3 594	226402	6512	222808	
T.P	2 767	222069	7100	219302	
T.P.	3 215	217446	7 838	214231	
TBM #50 13A	3 298	213684	7.060	210386	SPK & TIN IN CB
T.P.	4 442	211 322	6804	206880	
			3322	208000	BM 50-13 C.S. MON
T.P.	4422	209159	6585	204737	
T.B.M. #15	9 304	206 534	11 929	197230	L & NAIL IN CULVERT
T.P	8204	214458	0280	206254	
T.P.	5 658	216 777	3339	211119	
RADIAL #2 ECC #1			7457	209320	3/4" CAPPED PIPE
T.P.	9 158	214646	11 289	205488	
RADIAL #2			11 896	202750	C.S. MON
	6 770	216 416	5000	209646	
J-4	2105	217658	0863	215553	C.S. MON.
J-3			5410	212248	
T.P.	0 905	215083	3480	214178	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2683 Pg. 93
No. ____ Date ____ Date ____ Survey of R.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by W.D. BAY Notes R.D. SMITH Date 7-28-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 4
		215 083			
T.P	2 183	206 353	10 913	204 170	
J-1			4 700	201 653	✓ 3/4" CAPPED PIPE
T.P	11 016	216769	0 600	205753	
T.P	11 798	226 817	1 750	215 019	
	11 282	236673	1 426	225391	
T.P	1 362	232400	5 635	231038	
J-1A			1 570	230830	✓ 3/4" CAPPED PIPE
	0303	221 183	11 520	220880	
T.P.	1 114	213330	8967	212216	
T.P	1452	203972	10 810	202520	
T.P	3222	196884	10 310	193662	
* T P	10 765	198 869	8 780	188104	
BM #34 17A	6 400	199 000	6 269	192 600	* C.S. MON. (BEGIN SIDELINE)
T.P.	1 823	196 263	4 560	194440	
T.P.	1 875	188 706	9 432	186 831	
T.P.	10 837	198 281	1 262	187444	
T.P.	0 648	187 544	11 385	186896	
T.P.	1 127	178 551	10 120	177424	
T.P.	0 723	167382	11 892	166659	
T.P.	1 438	157460	11 360	156022	

F.B. 2683 PG. 94 Job No. 0021.64 Division No. 11 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date 7-28-61 Date No. X-Sec.
Survey by W.D. BAY Notes BAZEN Notes Chkd. Checked
Indexed H.E. OTT Date Date Date No.

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157.460 **Do not extend notes this side of this line.**

STATION	B.S.	H.I.	F.S.	ELEV.	LINE #4
T.P.	2097	148149	11408	146052	
T.P.	1361	137897	11613	136536	
T.B.M. #25			11318	126579	✓ SPK. SET IN CONC.
		END OF SIDE LINE			
* B.M. #34-17A	4865	197465		192600	* ✓ C.S. MON.
T.P.	5857	198799	4523	192942	
T.P.	4065	197116	5748	193051	
T.P.	4543	196911	4748	192368	
T.P.	1498	188762	9647	187264	
T.P.	1892	180836	9818	178944	
T.P.	2505	171816	11525	169311	
B.M. 34-18			3228	168584	✓ C.S. MON. (SIDE SHOT)
* T.P.	11606	172106	11316	160500	* BEGIN SIDELINE
T.P.	11581	183433	0254	171852	
T.P.	5748	187060	2121	181312	
T.P.	7207	192227	2040	185020	
P-3A	2819	193148	1898	190329	✓ C.S. MON.
		END SIDELINE.			
* T.P.	2819	163319		160500	*
P 3	6413	164407	5325	157994	✓ L & TAG.
T.P.	5950	166149	4208	160199	

Profile Notes Red Plotted Job No. 0021.64 Division No. 11
No. Date Date Date Survey of P.B. LANDSLIDE F.B. 2663 Pg. 85
X-Sec. Notes Chkd. Checked Survey by W.D. BAY Notes BUEN Date 7-31-61
No. Date Date Map No. Indexed H.E. ON Date

F.B. 2683 PG. 96

Job No. 0021.64 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of P.B. LANDSLIDE Date 7-31-61 Date _____ No. _____

Survey by W.D. BAY Notes BAZEN Notes Chkd. _____ Checked _____ X-Sec.

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

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166.149

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STATION	B.S.	H.I.	F.S.	ELEV.	
T.P.	5698	167499	4348	161801	LINE #4
P-2	7080	170411	4168	163331	Lg TAG.
T.B.M. #31		(END)	3385	167026	Lg T.

P

76L-298 CE 307 11-58

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(START)

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 5
P.B. #9	4202	408344		404 142	C.S. MON.
T.P	6648	410 817	4175	404169	
T.P	5854	412816	3855	406962	
P.B. #9-B	1127	410903	3040	409 776	SPK. & W. —
T.P.	0600	400 274	11 229	399674	
T.P.	0945	389 786	11433	388841	
T.P.	0840	379 213	11 413	378 373	
T.P.	0710	368 338	11585	367628	
T.P.	1818	358 759	11397	356941	
S.B. #3	9918	362 784	5893	352866	SPK. W. & TIN
T.P.	10 983	373207	0560	362224	
T.P.	10850	382645	1412	371795	
T.P.	11640	392 990	1295	381350	
S.B. #2			9745	383245	SPK. W. & TIN.
S.B. #1			4217	388773	SPK. W & TIN
*S.B. #1-A	3070	395 125	0935	392055	* C.S. MON. (BEGIN SIDELINE)
T.P.	7425	399 725	2825	392300	
WEST FIX			5890	393835	C.S. MON.
		END	OF	SIDELINE	
S.B. * 1-A	8665	400 720		392 055	* C.S. MON.
P.T. #2 AUX 3			8508	392212	BT. SPK. W. & T.

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 0021.64 Division No. 11 Survey of P.B. LANDSLIDE Survey by W.D. BAY Notes BAZEN Date 7-31-61 Map No. Indexed B.E. OTT Date

F.B. 2683 Pg. 97

76L-298 CE 307 11-58

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F.B. 2683 Pg. 98 | Job No. 002164 | Division No. 11 | Notes Red | Plotted | Profile
Survey of P.B. LANDSLIDE | Date 7-31-64 | Date | No. | X-Sec.
Survey by W.D. BAY | Notes BAZEN | Notes Chkd. | Checked | No.
Indexed H.E. ORT | Date | Date | Date

400.720

STATION	B. S.	H. I.	F S.	ELEV	LINE #5
T.P.	0700	390962	10958	389762	(NOTICE: P.T. #3 HAS BEEN
T.P.	1447	380889	11020	379442	COVERED)
T.P.	0475	371122	10242	370647	
* P.T. #4	1903	368747	4278	366844	* BT. SPK. (BEGIN SIDELINE)
T.P.	1411	358248	11910	356837	
T.P.	0937	348297	10888	347360	
T.P.	1165	338352	11110	337187	
T.P.	1405	328702	11055	327297	
H-2			2780	325922	C.S. MON. (SIDE SHOT)
T.P.	1025	320134	9593	319109	
H-4			10380	309754	2" I.P.
		END OF SIDELINE.			
* P.T. #4	1055	367899		366844	* BT. SPK
T.P.	1325	358001	11223	356676	
T.P.	1220	347757	11470	346531	
P.T. #5	1300	338916	10135	337616	BT. SPK. & W.
T.P.	0929	328625	11220	327696	
T.P.	0915	318943	10597	318028	
* P.T. #6 ALT 3	7135	317396	8682	310261	* BT. SPK. W. & T. (BEGIN SIDELINE)
T.P.	1169	311011	7554	309842	
T.P.	1009	301100	10920	300091	

76L-298 S & E #307—1-56

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301.100

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5
T.P.	1323	290458	11965	289135	
I-2			8705	281753	1" I.P.
I-3			10302	280156	1" CAPPED I.P.
T.P.	9485	299722	0221	290237	
BLAKESLY			0000	299722	
	END OF SIDELINE				
* PT.#6 AUX-3	0247	310508		310261	* SPK. & W.
T.P.	1067	299662	11913	298595	
T.P.	0795	289216	11241	288421	
T.P.	3573	282316	10473	278743	
T.P.	1290	273059	10547	271769	(NOTE: PT. #7 COVERED BY NEW PAV.
* T.P.	10663	273265	10457	262602	* BEGIN SIDELINE
T.P.	4045	276862	0448	272817	
T.P.	11435	287982	0315	276547	
T.P.	11635	299297	0320	287662	
T.P.	11190	310054	0433	298864	
P-4			7501	302553	C.S. MON.
	END OF SIDELINE				
* T.P.	0493	263095		262602	*
T.P.	1062	253764	10393	252702	
T.P.	0870	243016	11618	242146	

Profile Notes Red. Plotted Job No. 0021.64 Division No. 11
No. X-Sec. Date Date Survey of P.B. LAND SLIDE F.B. 2683 Pg. 99
Notes Chkd. Checked Survey by W.D. BAY Notes BRAEN Date 7-31-61
No. Date Date Map No. Indexed B.E. ON Date

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(P)

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243.016

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	1043	233364	10695	232321		
T.P.	0728	222917	11175	222189		
T.P.	0952	213571	10298	212619		
BM-C	1095	204191	10475	203096		
T.P.	3718	196886	11023	193168	B.C. MON.	
BM 34-17A			4225	192661	C.S. BM MON.	
T.P.	9969	206430	0425	196461		
T.P.	10907	215691	1646	204784		
K-1			2725	212966	C.S. MON.	

(END)

F. B. 2683 PG. 100 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile
Survey of P.B. LANDSLIDE - LEVELS Date 7-31-61 Date No. X-Sec.
Survey by W.D. BAY Notes BAZEN 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.	LINE #2
P.B. #9-B	8405	418 131		409 776	BT SPK. W. & T.
P.B. #9-A	8302	422 470	4013	414168	" " " "
* T.P.	11349	430 012	3807	418663	* BEGIN SIDELINE
T.P.	11368	439 486	1 894	428 118	
	7094	444 483	2097	437389	
B-1-C			2238	442245	C.S. MON.
		END OF SIDELINE			
* T.P.	0089	424 752		418 663	*
T.P.	0872	413 996	11 628	413 124	
P.T. #1			4 303	409693	BT. SPK. W. & T.
B-1B			5 473	408523	C. S. MON
T.P.	4215	413 357	4 854	409142	
B-1			5983	407374	C.S. MON.
T.P.	0432	406 591	7 198	406 159	
T.P.	0815	377 222	10184	396 407	
T.P.	0466	386951	10737	386485	
T.P.	0250	377043	10158	376793	
T.P.	0754	367 009	10788	366 255	
T.P.	0522	356 163	11368	355641	
T.P.	1808	346 588	11383	344780	
BM 50+12			6511	340077	C.S. MON

Profile Notes Red Plotted Job No. 0021.64 Division No. 11 F. B. 2683 Pg. 101
No. X-Sec. Date Date Survey of L.B. LANDSLIDE
No. Notes Chkd. Checked Survey by W.D. BAY Notes BRZEN Date 8-1-61
Date Date Map No. Indexed H.E. Date AUG 7 '61

76L-298 S & E #307—1-56

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F. B. 26683 Pg. 102 Profile
Survey of P.B. LANDSLIDE Job No. 0021.64 Division No. 11 Notes Red. Plotted No. X-Sec.
Survey by W.D. BAY Notes BROWN Date 8-1-64 Date Checked No.
Indexed H.E. OTT Date Notes Chkd. Date No.

346.588

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 2
T.P.	11702	356951	1339	345249	
T.P.	9791	366553	0189	356762	
* T.P.	10903	375034	2422	364131	* BEGIN SIDELINE
T.P.	10587	385151	0470	374564	
T.P.	9415	394034	0532	384619	
DAVIS			1523	392511	C.S. MON
	END OF SIDELINE				
* T.P.	5112	369243		364131	*
RADIAL-1			10190	359053	C.S. MON.
T.P.	1987	360288	10942	358301	
T.P.	1767	350734	11321	348967	
T.P.	0334	339502	11566	339168	
T.P.	0241	329592	10151	329351	
A-3			7983	321609	C.S. MON.
A-4	2555	324758	7389	322203	C.S. MON.
T.P.	6810	322536	9032	315726	
T.P.	3472	318631	7377	315159	
SHIELDS	3982	314325	8288	310343	C.S. MON.
T.P.	1015	309678	5662	308663	
T.P.	1446	303050	8074	301604	
T.P.	0807	292161	11694	291354	

76L-298 S & E #307—1-56

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292.161

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2
T.P.	0683	281840	11004	281157	
T.P.	0499	271324	11015	270825	
T.P.	0681	260928	11077	260247	
T.P.	0715	249736	11907	249021	
T.P.	0600	238563	11773	237963	
T.P.	0608	227693	11478	227085	
T.P.	0550	216815	11428	216265	
T.P.	0803	207041	10577	206238	
J-5			8203	198838	C.S. MON.
T.P.	2700	200427	9314	197727	
T.B.M. #15	11358	208577	3208	197219	P.K. IN CULVERT
T.P.	5818	209874	4521	204056	
T.P.	7028	213799	3103	206771	
T.P.	6764	217160	3403	210396	
T.P.	7522	220845	3837	213323	
T.P.	8975	225812	4008	216837	
T.P.	6245	228338	3719	222093	
T.P.	5388	230112	3614	224724	
T.P.	6187	232785	3514	226598	
T.B.M. 50 = 13A			1780	231005	SPK. & TIN.

(END)

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2683 Pg. 103
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. [signature] Checked ____ Survey by W.D. BAY Notes BAZEN Date 8-1-61
No. ____ Date ____ Date ____ Map No. ____ Indexed T. E. OTT Date AUG 7 '61

F. B. 2683 Pg. 104 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

BLANK

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761-298 S & E #307—1-58

Profile No. _____ X-Sec. No. _____

Notes Red. _____ Date _____ Notes Chkd. _____ Date _____

Plotted _____ Date _____ Checked _____ Date _____

Job No. 0021.64 Division No. 11

Survey of P.V. LANDSLIDE - LEVELS

Survey by _____ Notes BAZEN Date 9-5-61

Map No. _____ Indexed H. E. ON Date SEP 13 '61

F. B. 2683 Pg. 105

J. N. 0021.64

PALOS VERDE
LANDSLIDE LEVELS

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

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76L-288 S & E #307—1-56

76L-298 S & E #307—1-55

@ 9-20-61

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(P)

START

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F.B. 2683 PG. 106 | Job No. 0021.64 Division No. 11 | Profile
Survey of RV. LANDSLIDE | Notes Red | Plotted | No. | X-Sec.
Survey by BAY Notes BAZLEN | Date 9-5-61 | Date | No.
Indexed | Date | Notes Chkd. | Checked | Date

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 4
T.B.M. 34-15A	2612	233599		230 987	T.B.M. 34-15A
T.P.	5318	230849	6068	227531	
T.P	2948	227275	6522	224327	
T.P	1265	221122	7418	219857	
T.P.	3698	217097	7723	213399	
T.B.M. 50-13A	3640	214029	6708	210389	B.M. 50-13A
T.B.M. 50-13	3239	211245	6023	208006	" 50-13.
T.P.	3370	206789	7820	203419	
B.M. #15			9582	197207	" #15 (SIDESHOT)
T.P	11690	215057	3422	203367	
RADIAL-2 ECC-1	7116	216328	5845	209212	RADIAL - 2 ECC-1
T.P,	9088	214388	11028	205300	
RADIAL # 2			11662	202726	RADIAL - 2
T.P.	7014	217742	3669	210728	
B.M. J-4			2284	215458	J-4 (SIDESHOT)
T.P.	6691	219192	5241	212501	
J-3			7071	212121	J-3 (SIDESHOT)
T.P.	0846	211470	8568	210624	
J-1	10050	211565	9955	201515	J-1
T.P.	11778	221570	1773	209792	
T.P	11721	232946	0345	221225	

76L-298 S & E #307—1-56

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(P)

232 946 ✓ Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #4
J-1-A	0443	231 184 ✓	2205	230741 ✓	J-1-A.
T.P.	0971	221 170 ✓	10985	220199 ✓	
T.P.	0554	211550 ✓	10174	210996 ✓	
T.P.	1005	201 253 ✓	11302	200248 ✓	
* T.P.			11545	189708 ✓	* BEGIN SIDELINE.
		201 253 ✓			
T.P.	2373	197 138 ✓	6488	194765 ✓	
T.P.	0844	187 720 ✓	10262	186876 ✓	
T.P.	0530	177920 ✓	10330	177390 ✓	
T.P.	0892	167497 ✓	11315	166605 ✓	
T.P.	0808	156 760 ✓	11545	155952 ✓	
T.P.	1329	147305 ✓	10784	145976 ✓	
T.P.	1314	137 136 ✓	11483	135822 ✓	
T.B.M. #25			10498	126638 ✓	B.M. #25 (END SIDELINE)
* T.P.	5035	194743 ✓		189 708	*
T.P.	5692	199100 ✓	1335	193408 ✓	
B.M. 34-17A	6212	198 824 ✓	6488	192612 ✓	34-17A
T.P.	4885	198 226 ✓	5483	193341 ✓	
T.P.	2338	194 689 ✓	5875	192351 ✓	
T.P.	1242	187151 ✓	8780	185909 ✓	
	1128	177301 ✓	10978	176173 ✓	

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. ____ Division No. 11 Survey of P.V. LANDSLIDE Survey by BAY Notes BAZEN Date 9-5-61 Map No. ____ Indexed H. E. OTT Date SEP 13 '61

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

0021.64

F. B. 2683 PG. 107

76L-298 S & E #307—1-56

@ 9-20-61

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(P)

F. B. 2683 Ps. 108 | Job No. 0021.04 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of P.W. LAND SLIDE | Date | Date 9-5-61 | Date | No. | X-Sec.
Survey by BAY | Notes BAZEN | Notes Chkd. | Checked | Date | No.
Indexed | Date | Date | Date

177.301 ✓ Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #4
B.M. 34-18	1908	17060M	8608	168693 ✓	34-18
* T.P.	10065	170659 ✓	10007	160594 ✓	* BEGIN (SIDELINE)
T.P.	10912	181079 ✓	0492	170167 ✓	
T.P.	8355	188877 ✓	0555	180524 ✓	
T.P.	5912	193528 ✓	1263	187616 ✓	
P-3A			3091	190437 ✓	P-3A
* T.P.	1954	162598 ✓		160594 ✓	*
P-3	6925	165010 ✓	4463	158085 ✓	P-3
T.P.	6033	167655 ✓	3388	161622 ✓	
P-2	7015	170446 ✓	4224	163431 ✓	P-2
T.B.M. #31			3325	167121 ✓	B.M. #31

END

76L-298 CE 307 11-58

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(D)

STATION	B.S.	H.I.	F.S.	ELEV.	(START) LINE #1
P.B. #9	4082	408224		404142	P.B. #9
T.P.	7435	412266	3393	404831	
P.I. #5B	6087	416205	2148	410118	C.S. MON.
T.P.	1647	408527	9325	406880	
T.B.M. #30			3197	405330	#30 (SIDESHOT)
T.P.	7604	407423	8708	399819	
P.I. #4-C	4427	410342	1508	405915	C.S. MON.
T.P.	9402	418666	1078	409264	
* T.P.			2150	416516	* (BEGIN (SIDELINE)
	11193	428751	1108	417558	
FRUIT TREE #1			4238	424513	C.S. MON. (END SIDELINE)
* T.P.	8443	424959	424959	416516	* T.P.
T.P.	4172	425453	3678	421281	
T.P.	4275	425873	3855	421598	
S.P.H. G-7			5116	420757	
S.P.H. RM-1			4195	421678	
T.P.	0943	416622	10194	415679	
T.P.	2208	408504	10326	406296	
T.P.	0881	398672	10713	397791	
T.P.	0403	391310	7765	390907	
T.P.	0968	381480	10798	380512	

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 0021.64 Division No. 11 Survey of P.V. LANDSLIDE LEVELS Survey by W.P. BAY Notes BAZEN Date 9-5-61 Map No. Indexed H. E. OTT Date SEP 13 '61

F.B. 3683 Pg. 109

76L-298 CE 307 11-58

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F.B. 2683 Pg. 110 Job No. 0021.64 Division No. 11 Notes Red Plotted Profile
Survey of P.V. LAND SLIDE LEVELS Date 9-5-64 Date No. X-Sec.
Survey by BAR Notes J.C. Goodwin Notes Ckd. Checked No.
Indexed Date Date Date

381.480 Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	
P.I. #3	0668	373 617	8 531	372949	C.S. MON
T.P.	1 673	364 541	10 749	362868	
"	0 876	353 778	11 639	352902	
"	0 969	343 528	11 219	342559	
P.I. #2A			3372	340 156	SPIKE & TIN
P.I. #1	0 498	336004	7965	335563	* BEGIN SIDE LINE
T.P.	0 703	325972	10 732	325269	
"	0 625	316387	10 210	315762	
"	0 552	305420	11 519	304868	
"	1 370	295700	11 090	294330	
"	10 780	295986	10 494	285206	
S.P.H. H-7A ECC. #3	3452	291 676	7 762	288 224	
S.P.H. H-7A ECC. #2			3 434	288 242	
S.P.H. H-7A ECC. #1			3 495	288 181	
S.P.H. H-7A			3271	288 405	(END SIDE LINE)
P.I. #1	0 985	336548		335 563	
T.P.	0 212	326395	10 365	326 183	
"	0 844	317 139	10 100	316 295	
"	0 972	307 150	10 961	306 178	
"			10 965	296 185	

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@ 9-20-61

(P)

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #1	
T.P.	1 389	297 574		296 185		
"	1 221	287 057	11 738	285 836		
B.M. P.B. #10	0 323	279 892	7 488	279 569		
T.P.	0 412	268 377	11 927	267 965		
"	0 585	259 459	9 503	258 874		
"	0 843	249 102	11 200	248 259		
"	0 472	240 273	9 301	239 801		
"	0 482	230 461	10 294	229 979		
"	0 210	219 588	11 083	219 378		
W.F. #1	7 098	217 621	9 065	210 523		
	0 853	209 558	8 916	208 705		
STA. P-1			10 260	199 298		
T.P.	0 727	199 151	11 134	198 424		
	0 413	188 196	11 368	187 783		
	0 807	177 306	11 697	176 499		
T.B.M. #31			10 191	167 115	END OF LINE #1	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2683 PG. 111
No. ____ Date ____ Date ____ Survey of P.V. LANDSLIDE LEVELS
X-Sec. Notes Chkd. ____ Checked ____ Survey by BAY Notes GOODWIN Date 9-5-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date SEP 13 '61

F.B. 2683 Pg. 112 0021.64

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

Survey of P.V. LANDSLIDE LEVELS Date 9-5-61 Date ______ No. ______

Survey by BAY Notes GOODWIN Notes Chkd. ______ Checked ______ X-Sec.

Indexed ______ Date ______ Date ______ Date ______ No. ______

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

BLANK

76L-298 CE 307 11-58

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76L-298 S & E #307—1-56

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(START) LINE #6

STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. 50-9	11742	1011145		999403	C.S. MON
T.P.	0522	1001710	9957	1001188	
T.P.	1047	991599	11158	990552	
T.P.	0753	981828	10524	981075	
T.P.	0693	970984	11537	970291	
T.P.	1178	960519	11643	959341	
T.P.	2277	952432	10364	950155	
T.B.M. # 11			5149	947283	P.K. IN CULV. (SIDESHOT)
T.P.	2329	943358	11403	941029	
STA. Z-1	0888	936268	7978	935380	C.S. MON
T.P.	1338	927592	10014	926254	
T.P.	0878	917955	10515	917077	
T.P.	0497	906938	11514	906441	
T.P.	0477	896772	10643	896295	
T.P.	0546	885995	11323	885449	
T.P.	0594	875118	11471	874524	
T.P.	0214	864730	10602	864516	
B.M. 50-10			6563	858167	C.S. MON. (SIDESHOT)
T.P.	0497	853876	11351	853379	
T.P.	0862	843465	11273	842603	
T.P.	0592	833695	10362	833103	

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2683 Pg. 113
No. ____ Date ____ Date ____ Survey of P.V. LANDSLIDE LEVELS
X-Sec. Notes Chkd. ____ Checked ____ Survey by W.D. BAY Notes BAREN Date 9-6-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date SEP 13 '61

76L-298 S & E #307—1-56

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F. B. 2683 Pg. 114 Job No. 0021.64 Division No. 11 Profile
Survey of P.V. LANDSLIDE LEVELS Notes Red. Plotted No. X-Sec.
Survey by W.P. BAY Notes BAZEN Date 9-6-61 Date
Indexed Date Notes Chkd. Checked
Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #6
T.P.	1.531	823 557	11 669	822026	
T.P.	1 063	814578	10042	813515	
T.P.	1 138	804228	11 488	803090	
Y-4	0650	794 604	10274	793954	C.S.MON 2" I.P.
T.P.	3814	786996	11422	783182	
T.B.M. #12			9798	777 198	SPK. IN H.W. (SIDESHOT)
T.P.	0371	776 564	10 803	776 193	
T.P.	1 248	766 335	11 477	765087	
T.P.	0727	757 314	9748	756 587	
T.P.	0 931	747 077	11 168	746 146	
T.P.	1 453	737 446	11 084	735 993	
T.P.	0 772	727 170	11 098	726 398	
T.P.	1 248	718 450	9 968	717 202	
T.P.	0283	707 180	11 553	706 897	
T.P.	0 623	696 196	11 607	695 573	
T.P.	0 403	685 028	11 571	684 625	
T.B.M. #13			8997	676 031	SPK. IN CULV. (SIDESHOT)
T.P.	0600	675 375	10 253	674 775	
T.P.	0 303	665 335	10 343	665 032	
T.P.	2 957	657 677	10 615	654 720	
B.M. 50-11			10081	647 596	C.S. MON. (END)

76L-298 CE 307 11-58

9-20-61

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(START) **Do not extend notes this side of this line.**

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #3
T.B.M. 3415A	0 243	231 230		230987	
T.P.	1 078	221 228	11 080	220150	
"	4 067	213425	11 870	209358	
"	1 335	207 360	7 400	206025	
K-13			5 602	201758	2" I.P.
T.P.	1 230	197470	11 120	196240	
"	0 393	186495	11 328	186102	
"	1 987	176968	11 514	174981	
K-10A			4 195	172773	BT. SPK. W. & T.
K-10B			7 325	169645	BT. SPK. IN 2" I.P.
K-10			9 612	167356	1" I.P.
K-10C			9 550	167418	L. & T.
T.P.	2 842	169 410	10 400	166568	
K-9A			5 898	163512	BT. SPK. W. & T.
K-9B			7 490	161920	2" I.P.
K-9			10087	159323	1" I.P.
K-8A	0 560	158450	11 520	157890	BT. SPK. W. & T.
K-8B			2 936	155514	2" I.P.
T.P.	0 902	147751	11 595	146855	
"	0 329	140647	7 433	140324	
K-5			4 560	136089	C.S. MON.

Profile Notes Red Plotted Job No. 2021.64 Division No. 11
No. X-Sec. Date Date Survey of RV. LANDSLIDE LEVELS
Notes Chkd. Checked Survey by BRY Notes Keyed Date 9-8-61
No. Date Date Map No. Indexed H. E. ON Date 9-13-61

F. B. 2683 Pg. 115

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(P)

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P.B. 2683 Pg. 116
Job No. 0221.64 Division No. 11 Notes Red Plotted
Survey of P.V. LANDSLIDE LEVELS Date Date No. X-Sec.
Survey by BAY Notes T.G. GOODWIN Notes Chkd. Checked
Indexed Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 3
K-5				136 089	
T.P.	0 670	140 994		140 324	
"	0 662	130 356	11 300	129 694	
"	0.653	120 149	10 860	119 496	
"	1 411	112 747	8 813	111 336	
W-3			2 085	110 662	
K-5 AUX.	0608	102 435	10 920	101 827	
T.P.	0 315	92 180	10 570	91 865	
	0882	82 718	10 344	81 836	
K-4			5 843	76 875	C.S. MON.
T.P.	0 425	71 417	11 726	70 992	
"	1 953	61 789	11 581	59 836	
T.B.M. # 28			4 280	57 504	SPK. IN CONC.
K-3A	2 872	57 131	7 530	54 259	C.S. MON.
"	0 661	46 622	11 170	45 961	
"	4 495	40 621	10 490	36 132	
"	8 750	37 517	11 800	28 821	
K-2 AUX.			0 890	36 687	2" I.P.
T.P.			11 873	25 704	* BEGIN SIDELINE (TO P.B. #1)
"			10 470	27 107	

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #3	
T.P.	1 355	28 462 ✓		27 107 ✓		
"	0 332	18 186 ✓	10 608	17 854 ✓		
P.B. #1			10 470	7 716 ✓	C. S. MON. END SIDELINE.	
T.P.	0 222	25 926 ✓		25 704 *		
"	2 350	17 208 ✓	11 068	14 858 ✓		
"	6 213	17 188 ✓	6 233	10 975 ✓		
	1 100	13 808 ✓	4 480	12 708 ✓		
"	4 820	7 228 ✓	11 400	02 408 ✓		
P.B. 5-A			6 692	00 536 ✓		
T.P.	5 960	8 378 ✓	4 810	02 748 ✓		
"	2 760	10 088 ✓	1 050	07 328 ✓		
P.B. #8			1 860	08 228 ✓	END LINE #3	

Profile Notes Red ____ Plotted ____ Job No. 0027.64 Division No. 11
No. X-Sec. Date ____ Date ____ Survey of P.V. LANDSLIDE LEVELS F.B. 2683 Pg. 17
No. ____ Notes Chkd. ____ Checked ____ Survey by BAY Notes Red Date 9-8-61
Date ____ Date ____ Map No. ____ Indexed [redacted] Date [redacted]

F.B. 2683 Pg. 118

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

Survey of ____ Date ____ Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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

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(START)

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 5
P.B. #9	3 835	407 977		404 142	BEGIN LINE # 5
T.P.	7 313	412 090	3 200	404 777	
"	6 270	414 029	4 331	407 759	
"	2 317	413 733	2 613	411 416	
P.B. 9-B	1 345	411 113	3 965	409 768	
T.P.	1 227	400 315	12 025	399 088	
"	0 945	390 260	11 000	389 315	
"	1 041	380 254	11 047	379 213	
"	0 189	369 403	11 040	369 214	
"	0 210	358 775	10 838	358 565	
S.B. #3	9 165	362 034	5 906	352 869	
T.P.	11 455	372 778	0 711	361 323	
"	11 631	383 431	0 978	371 800	
S.B. # 2	8 876	392 120	0 187	383 244	
S.B. # 1	11 980	400 734	3 366	388 754	* BEGIN SIDE LINE (TO WEST FIX)
WEST FIX			6 920	393 814	C.S. MON. END SIDE LINE
S.B. # 1	11 685	400 439		388 754	
T.P.	0 772	391 158	10 053	390 386	
"	0 243	379 700	11 701	379 457	
"			11 962	367 738	

Profile Notes Red. Plotted Job No. 0021.64 Division No. 11 F.B. 2683 Pg. 119
No. X-Sec. Date Date Survey of P.V. LANDSLIDE LEVELS
Notes Chkd. Checked Survey by BAY Notes Goodwin Date 9-6-61
No. Date Date Map No. Indexed H. E. OTT Date SEP 13 '61

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@ 9-20-61

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F. B. 2683 Pg. 120
Survey of BELL SHORES LAKES
Survey by BAY Notes J.C. GOEDHART
Indexed Date
Profile No.
Plotted Date
X-Sec. No.
Job No 20114
Division No. II Notes Red. Date 9-6-61
Notes Chkd. Date
Checked Date

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5
T.P.	0 627	368 365		367 738	
P.T. #4			1 586	366 779	* BEGIN SIDELINE (TO H-2)
T.P.	5 228	358 230	10 305	358 002	
"	0 731	347 152	1 859	346 421	
"	0 760	336 978	10 532	336 210	
H-2	5 730	331 570	11 138	325 840	C.S. MON.
T.P.	1 646	319 268	[illegible]	317 622	
H-4			9 584	309 684	(END SIDELINE)
P.T. #4	0 200	366 979		366 779	
T.P.	0 604	355 915	11 988	354 911	
"	0 555	344 580	11 570	344 025	
P.T. #5	0 249	337 795	7034	337 546	
T.P.	1 630	329 074	10 391	327 404	
"	0 896	318 856	11 064	317 960	
P.T. #6 AUX. 3	7 013	317 204	8 665	310 191	* BEGIN SIDE LINE
T.P.	1 460	313 609	5 055	312 147	
"	0 253	302 040	11 822	301 787	
"	0 284	291 087	11 237	290 803	
I-2			9 468	281 619	(UNABLE TO LOCATE I-3)
T.P.			3 296	287 791	

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9-20-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #5 (CONT.)
T.P.	11 950	299 741		287 791	
BLAKESLEE			0 095	299 646	(C.S. MON.) END SIDE LINE
P.T. #6 AUX.3	1 548	311 739		310 191	*
T.P.	0 253	301 372	10 620	301 119	
"	0 565	291 567	10 370	291 002	
"	1 920	283 255	0 232	281 335	
"	0 483	271 844	1 894	271 361	
"	11 464	274 003	9 305	262 539	* BEGIN SIDE LINE (TO P-4)
"	11 970	284 751	1 222	272 781	
"	11 720	294 804	1 667	283 084	
"	11 823	306 053	0 574	294 230	
"	6 163	311 166	1 050	305 003	
P-4			8 630	302 536	(C.S. MON) END SIDE LINE
T.P.	0 481	263 020		262 539	*
"	1 070	253 685	10 405	252 615	
"	0 627	242 992	11 320	242 365	
"	0 218	236 538	6 672	236 320	
"	0 430	226 208	10 760	225 778	
			10 190	216 018	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2683 Pg. 1-1
No. ____ Date ____ Date ____ Survey of R.V. LANDSLIDE LEVELS
X-Sec. Notes Chkd. ____ Checked ____ Survey by BAY Notes Grouwn Date 9-6-61
No. ____ Date ____ Date ____ Map No. ____ Indexed B.E. Ott Date [illegible]

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(P) 9-20-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #5
T.P.	0 422	216 440		216 018	
"	0 265	205 373	11 332	205 108	
B.M. "C"			2 303	203 070	C.S. MON.
T.P.	0 443	196 719	9 097	196 276	
B.M. 34-17A	9 173	201 804	4 088	192 631	C.S. MON.
T.P.	11 005	210 545	2 264	199 540	
	9 294	219 286	0 553	209 992	
K-1			6 350	212 936	END LINE #5

Survey of P.V. LANDSLIDE LEVELS
Survey by BAY Notes J.C. GOODWIN
Indexed Date Date Date Date
Job No. 0021.64 Division No. 11 Notes Red Date Plotted Date Profile No. X-Sec. No.
Notes Chkd. Checked

2683 PG. 122

76L-298 9 & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 2	
P.B. #9B	7 077	416 798		409 776		
P.B. #9A	6 860	421 050	Z 608	414 190		
T.P.	11 996	430 699	Z 347	418 703	* BEGIN SIDE LINE	(TO B-1C)
"	11 205	441 528	0 376	430 323		
"	5 461	444 790	Z 195	439 333		
B.M. B-1C			Z 197	442 29	END SIDE LINE	
T.P.	4 100	422 803		418 703	*	
"	0 420	412 078	11 153	411 650		
P.T. #1			Z 462	409 616		
B.M. B-1B	3 206	411 603	3 681	408 397		
T.P.	4 368	413 183	Z 748	408 859		
B-1			5 952	407 231		
T.P.	0 561	406 549	7 198	405 985		
"	0 723	396 938	10 334	396 215		
"	0 453	386 739	10 652	386 286		
"	0 462	375 343	11 858	374 881		
"	0 181	366 262	9 262	366 081		
"	0 200	355 705	10 757	355 505		
	11 780	356 451	11 034	344 671		
"			0 191	356 760		

Profile Notes Red. Plotted Job No. 2027.64 Division No. 11
No. X-Sec. Date Date Survey of B.V. LAND SLIDE LEVELS
No. Notes Chkd. Checked Survey by BAY Notes Goodwin Date 9-8-61
Date Date Map No. Indexed H.E. OH Date SEP 13 61

F. B. 2683 Pg. 12

76L-298 S & E #307—1-56

@ 9-20-61

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2
T.P.	10 049	366 309		356 260	
"			3 168	363 141	* BEGIN SIDE LINE (TO "DAVIS")
"	11 963	377 379	0 892	365 417	
"	11 [illegible]	385 369	3 [illegible]	37[illegible]	
"	8 [illegible]	393 164	0 973	384 396	
STA. "DAVIS"			0 888	392 276	C. S. MON. (END SIDE LINE)
T.P.	5 590	368 731		363 141	*
RADIAL #1			9 [illegible]	358 966	
T.P.	1 237	359 483	10 485	358 246	
"	0 922	349 827	10 578	348 905	
"	0 667	339 761	10 733	339 094	
"	0 722	329 991	10 492	329 269	
A-3			8 475	321 516	C. S. MON.
A-4	0 935	323 183	7 743	322 248	C. S. MON.
STA. G-1			7 458	315 725	C. S. MON.
T.P.	3 675	318 835	8 023	315 160	
"SHIELDS"	4 967	315 299	8 503	310 332	C. S. MON.
T.P.	0 851	309 605	6 545	308 754	
"	0 822	299 112	11 315	298 290	
"			11 463	287 649	

F. B. 2683 Pg. 124 Job No. 0021.64 Division No. 11 Notes Red Plotted Profile
Survey of P.V. LANDSLIDE LEVELS Date Date No. X-Sec.
Survey by BAY Notes J.C. GOODWIN Notes Chkd Checked
Indexed Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2 (CONT.)
T.P.	0 378	288 027		287 649	
"	0 624	281 786	865	281 162	
"	0 415	271 259	0 942	270 844	
"	0 721	260 842	1 144	260 115	
"	0 498	249 547	1 793	249 049	
"	0 756	238 543	1 760	237 787	
"	0 640	227 553	1 630	226 913	
"	0 635	216 431	1 757	215 796	
"	0 374	206 592	0 213	206 218	
J-5			7 754	198 838	C. S. MON.
	10860	208 137	9 315	197 277	
T.P.	4 139	211 262	0 10	207 127	
B.M. 50-13			3 168	208 094	C. S. MON.

Profile Notes Red Plotted Job No. 0021.04 Division No. 11
No. Date Date Survey of P.V. LANDSLIDE LEVELS
X-Sec. Notes Chkd. Checked Survey by BAY Notes Loaded Date 9-8-61
No. Date Date Map No. Indexed H. E. OTT Date SEP 13 '61

F. B. 2683 No. 13

F.B. 2683 Pg. 126

0021.64

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

Survey of P.V. LANDSLIDE LEVELS Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76298 S & E #307—7-55

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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.

(P)

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	START LINE No. 6
B.M.50-9	8 705	1008 108		999 403	STD. PRECISE B.M. MON (1956)
T.P.	0 599	997 547	11 160	996 948	
T.P	0 779	987 033	11 293	986 254	
T.P	0 582	976 242	11 373	975 660	
T.P	0 830	965 475	11 597	964 645	
T.P	1 108	955 073	11 510	953 965	
T.B.M. #11	0 678	947 969	7 782	947 291	P.K. SPK IN CONC. & ROCK HEADWAL
—	4 674	941 624	11 019	936 950	
STA Z-1	0 237	935 618	6 243	935 381	PRECAST MON.
T.P	0 267	924 503	11 382	924 [illegible]	
T.P.	0 517	913 597	11 423	913 080	
T.P	0 500	902 255	11 842	901 755	
T.P	0 680	891 547	11 388	890 867	
T.P	0 483	880 071	11 959	879 [illegible]	
T.P	0 697	869 033	11 735	868 336	
B.M.50-10	4 566	862 724	10 875	858 158	
T.P	0 519	851 804	11 439	851 285	
T.P	0 248	840 255	11 767	840 037	
T.P	9 930	829 443	11 772	828 513	
T.P	0 416	818 086	11 773	817 670	
T.P			11 857	806 229	

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2683 Pg. 129
No. ____ Date ____ Date ____ Survey of PORT. BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by G.E. DREIFS Notes G.E.D. Date 10-9-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date 1-3-61

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 6
T.P	0 348	806 577		806 229	
T.P	0 766	797 080	10 263	796 314	
Y-4	0 498	794 436	3 142	793 938	B.SPK IN 2" I.P
T.P	2 567	787 271	9 732	784 704	
T.B.M # 12	11 522	788 709	10 684	777 187	
T.P	0 531	778 102	11 138	777 571	
T.P	0 419	766 763	11 758	766 344	
T.P	0 652	755 593	11 822	754 941	
	0 700	745 084	11 209	744 384	
	0 522	734 530	11 076	734 008	
	0 839	723 389	11 980	722 550	
	0 478	712 632	11 235	712 154	
T.P	0 237	701 560	11 309	701 323	
	0 723	691 081	11 202	690 358	
	2 399	682 512	10 966	680 115	
T.B.M. # 13	0 470	676 493	6 489	676 023	
T.P	0 578	665 325	11 746	664 747	
T.P	0 587	654 375	11 537	653 788	
B.M. 50-11			6 788	647 587	B.M. 50-11 ELEV. 647.570
					STD. PRECISE LEVEL B.M. MON.

END OF LINE # 6

F. B. 2683 Pg. 128 | Job No. 0021.64 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of PORT. BEND LANDSLIDE | Date | Date | No. | X-Sec.
Survey by G.E. DREIER | Notes G.E.D | Notes Chkd. | Checked
Indexed | Date | Date | Date | No.

76L-298 S & E #307-[illegible]-56

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STATION	B. S.	H. I.	F. S.	ELEV.	START LINE #4	
T.B.M. 34-15A	3 301	234 288		230 987	B. SPR. IN CURB S. SIDE P.V. DR. S.S.	
T.P.	4 388	232 806	5 870	228 418	E. SIDE SCHOONER DR.	
T.P.	3 865	230 590	6 021	226 785		
T.P.	3 598	227 713	6 275	224 315		
T.P.	2 579	223 470	6 822	220 891		
T.P.	2 492	218 460	7 502	2[illegible] 968		
T.P.	4 905	215 893	7 472	210 988		
T.B.M. 50-13A	[illegible] 172	214 547	5 [illegible]	210 375	S.A. & T. IN A SHAFT CURB [illegible]	
T.P.	5 128	213 395	[illegible]	[illegible]		
B.M. 50-13	3 815	211 813	5 397	[illegible] 998		
T.P.	[illegible]	207 266	5 405	203 4[illegible]		
T.B.M. #15	9 727	206 901	[illegible]	197 174		
T.P.	11 899	211 162	7 638	199 263		
T.P.	[illegible]	210 750	0 435	210 727		
T.P.	3 842	216 [illegible]	[illegible]	212 182		
RAD. 2 Ecc. 1	8 299	217 405	[illegible]	209 106	— 3/4" I.P. IN CONC.	
T.P.	3 089	212 [illegible]	8 245	209 162		
RAD. 2	10 060	212 738	9 573	202 678		
T.P.	6 272	215 604	3 405	209 332		
J-4 STA			0 282	215 321	+ 8.028 - 11.415	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2683 Pg. 129
X-Sec. No. ____ Date ____ Date ____ Survey of PORT BEND LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by G.E. PREISS Notes G.E.D. Date 10-9-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #4	
STA J-4				215 321	+ 3,028	+ 3372
					- 11,415	- 6764
				- 2 390	- 3,587	- 3,392
STA J-3	9 715	221 646		211 931		
	0 503	210 731	11 418	210 228		
STA J-1	11 023	212 336	9 418	201 313		
T.P	10 726	222 439	0 623	211 713		
T.P	10757	231 832	1 364	221 [illegible]		
T.P	9 188	240 411	0 609	221 [illegible]		
STA J-1A	0 719	231 312	9 818	230 [illegible]		
T.P	0 607	221 273	10 646	220 [illegible]		
T.P.	0 763	211 624	10 412	210 [illegible]		
T.P	0 634	200 995	11 263	200 361		
* T.P	9 467	199 001	11 461	189 534 *	BEGIN SIDE LINE TO T.B.M #25	
T.P	0 667	188 786	10 882	188 119		
T.P	1 095	178 343	11 538	177 248		
T.P	0 336	166 777	11 902	166 441		
T.P.	0 748	156 517	11 008	155 769		
T.P	0 808	146 588	10 737	145 780		
T.P.	1 509	140 167	7 930	138 658		
T.P	2 175	131 527	10 815	129 352		
T.B.M. #25			4 967	126 560		

F. B. 2683 Pg. 130 Job No. 002164 Division No. Notes Red. Plotted Profile
Survey of PORT BEND LANDSLIDE Date Date No. X-Sec.
Survey by G.E. DREIER Notes G.E.D. Notes Chkd. Checked
Indexed [illegible] Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #4
T.P.	0 218	189 752		189 534*	PAGE 130 CONT. FROM T.P. BEGIN SIDE LINE TO T.B.M #2S
T.P.	9 067	196 917	1 902	187 850	
T.P	3 698	198 307	2 308	194 609	
B.M.34-17A	5 922	198 452	5 777	192 530	
T.P	5 482	198 332	5 602	192 850	
T.P	4 160	197 145	5 347	192 985	
T.P.	4 984	197 081	5 048	192 097	
T.P	2 154	188 333	10 902	186 179	
T.P	0 515	179 501	9 347	178 986	
T.P	1 923	170 376	11 048	168 453	
B.M.34-18	1 565	170 192	1 749	168 627	
T.P	3 937	164 469	9 660	160 532	
T.P	11 277	172 618	3 128	161 341	* BEGIN SIDE LINE TO STA P3A (TO N.) (ON ROCK
T.P	10 723	182 526	0 815	171 803	
T.P	6 467	187 819	1 174	181 352	
GATE T.P	6 491	190 664	3 646	184 173	
T.P	4 692	193 618	1 738	188 926	
STA. P-3A			3 248	190 370	
T.P.	1 151	162 492		161 341	PICKUP TO CONT. WLY
T.P			4 870	157 622	

CONT.

Profile Notes Red. Plotted Job No. 0021.64 Division No. 11 F. B. 2683 Pg. 131
No. Date Date Survey of PORT BEND LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by G.E. DREIER Notes G.E.D. Date 10-10-61
No. Date Date Map No. Indexed H. E. OTT Date

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #4	
T.P	5450	163072		157622	CONT	
P-3	5998	164017	5053	158019	L.&TAG IN CUR	
T.P	5735	165958	3794	160223		
T.P	5583	167406	4135	161823		
P-2	7188	170546	4048	163358	L&TAG. IN CURB	
T.B.M. #31			3498	167048	L&T. IN CURB S. SIDE DIVIDER 1 FT. E OF E.C.R.	
					END OF LINE #4	
					BEGIN LINE #3	
B.M. 34-15A	0467	231454		230987	L.&T. III Cb	
TP	0454	220607	11301	220153		
"	4850	214875	10582	210025		
"	4280	212358	6797	208078		2762
"	4045	208195	8208	204150		
K-13	2762	205495	5462	202733	2" I.P.	
TP	0471	194445	11521	193974		
"	1637	185916	10166	184279		
"	2403	178247	10072	175844		
K-10B	8211	177813	8645	169602	2" I.P.	
K-10A	2721	175458	5076	172737	BT. SPK. W&T.	
K-10C	3022	170402	8078	167380	L&T	

F. B. 2683 Pg. 132 Job No. 002164 Division No. Notes Red. Plotted Profile
Survey of PORT BEND LANDSLIDE Date Date No. X-Sec.
Survey by G.E. DREIER Notes G.E.D & J. MOODY Notes Chkd. Checked
Indexed H. E. OTT Date 110-10-61 Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #3	
K-10		170 402	3 082	167320	1" I.P.	
K-9A	6885	170 370	6917	163485	x BT. SPK. W.&T.	
K-9B			8488	161 882	2" I.P.	
K-9	1 398	160 683	11 085	159 285	1" I.P.	
K-8A			2 836	157 847	BT. SPK. W&T.	
K-8B			5.217	155 466	BT. SPK IN CONC 3" I.P.	
T.P.	0552	149 908	11 327	149 356		
"	0537	140 817	9628	140280		
"	11633	141 288	11 162	129 655		
K-5			5270	136 018	C.S. MON.	
T.P.						
T.P.	0550	130 205		129 655		
"	0763	119 321	11647	118 558		
"	2316	109 859	11778	107543		
K-5 AUX.	0801	102 568	8092	101 767	C.S. MON.	
T.P.	0623	91 399	11 792	90 776		
"	2635	84 963	9071	82 328		
K-4	0 666	77 346	8 283	76 680	C.S. MON.	
T.P.	0406	65 855	11 897	65 449		
"	4359	62 876	7338	58 517		
T.B.M. #28	3981	61 360	5497	57 379	SPK. IN CONC.	

Profile Notes Red. ____ Plotted ____ Job No. 0021,64 Division No. ____ F. B. 2683 Pg. 133
No. ____ Date ____ Date ____ Survey of BRT BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by G.E. DREIER Notes J. MOODY Date 10-10-61
No. ____ Date ____ Date ____ Map No. ____ Index H. E. OTT Date ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #3
K-3A	3759	57929	7190	54170	C.S MON.
T.P.	0371	47003	11297	46632	
"	2503	38966	10540	36463	
"	2532	37235	4263	34703	/
K-2 AUX	0378	37051	0562	36673	2" I.P.
T.P.	6175	32247	10979	26072	*
"	1118	29868	3497	28750	
"	0682	21864	8686	21182	
"	3783	13830	11817	10047	
P.B. #1			6239	7591	C.S. MON.
T.P.	0773	26845		26072	*
"	1618	17259	11204	15641	
"	4167	15628	5798	11461	
"	5518	17107	4039	11589	
"	2307	7943	11471	5636	
P.B. 6-~~A~~ B	6450	6743	7650	0293	SPK. IN ROCK
T.P.	3117	9514	0346	6397	
"	2418	9458	2474	7040	
"	2308	9238	2528	6930	
P.B. #8			1252	7986	

F. B. 2683 PG. 134 Job No. 0021.64 Division No. Notes Red. Plotted No. Profile
Survey of PORT BEND LAND SLIDE Date Date X-Sec.
Survey by G.E. DREIER Notes J. MOODY Notes Chkd. Checked No.
Indexed H. E. OTT Date 10-10-61 Date Date

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	(START) LINE #1
P.B.#9	4407	408549		404142	C.S. MON.
T.P.	6401	411360	3590	404959	
P.I #5B	4475	414574	1261	410099	C.S. MON.
T.P.	4125	415028	3671	410903	
T.P.	2298	405596	11730	403298	
T.B.M #30	0408	405745	0259	405337	SPK IN CULVERT.
T.P.	6650	406686	5709	400036	
T.P	6278	409334	3630	403056	
P.I #4C			3414	405920	C.S.MON.
T.P	8556	414424	3966	405868	
* T.P	9004	421326	2102	412322	* BEGIN SIDELINE.
T.P.	10083	428856	2552	418774	
FRUIT TREE			4352	424504	CS. MON END. SIDELINE
* T.P.	11215	423537		412322	*
T.P.	5377	425007	3907	419630	
	5494	426298	4203	420804	
S.P.H. G-7 R.M.#1	1615	423259	4654	421644	
S.P.H. G-7			2546	420713	
T.P.	0409	412923	10745	412514	
T.P.	1305	403030	11198	401725	
T.P.	0386	393031	10385	392645	

Profile Notes Rod. Plotted Job No. 002164 Division No. 11
No. Date Date Survey of PV CANDSLIDE
X-Sec. Notes Chkd. Checked Survey by DREIER Notes BARENT Date 10-9-61
No. Date Date Map No. Indexed M. E. Off. Date

F. B. 2693 Pg. 135

76298 S & E #307—7-55

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(P)

393.031

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #1
T.P.	1510	384026	10515	382516	
T.P.	0185	376091	8120	375906	
P.I.#3			3153	372938	SPK & TIN. (SIDE SHOT)
T.P.	0410	367586	8915	367176	
T.P.	1413	357447	11552	356034	
T.P.	0987	348928	9506	347941	
P.I. #2A	2623	342751	8800	340128	SPK. & TIN
* P.I. #1	1972	337505	7218	335533	* SPK & TIN (BEGIN SIDELINE)
T.P.	1037	327377	11165	326340	
T.P.	0973	316702	11648	315729	
T.P.	0572	305623	11651	305051	
T.P.	1451	295346	11728	293895	
T.P.	10542	296070	9818	285528	
S.P.H. H-7A	4260	292615	7715	288355	C.S. MON
H-7A ECC 3		"	4440	288175	" "
H-7A ECC 2		"	4421	288194	" "
H-7A ECC 1		"	4478	288137	" " END OF SIDELINE.
* P.I. #1	0293	335826		335533	
T.P.	0251	325375	10702	325124	
T.P.	1381	315273	11483	313892	
T.P.	1160	304867	11566	303707	

F. B. 2683 Pg. 136 Job No. 0071.64 Division No. 11 Notes Red. Plotted No. Profile
Survey of P.V. LANDSLIDE Date 10-9-61 Date No. X-Sec.
Survey by DREIER Notes BAZEN Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76298 S & E #307—7-55

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(P)

304.867

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #1
T.P.	0438	293.927	11378	293489	
T.P.	2366	285345	10950	282977	
B.M.P.B-#10	1882	281422	5803	279540	C.S.MON.
T.P.	0739	271181	10980	270442	
T.P.	0508	259764	11925	259256	
T.P.	0621	249851	10534	249230	
T.P.	0588	241361	9078	240773	
T.P.	0904	231848	10413	230948	
T.P.	1363	221710	11501	220347	
W.F.#1	7179	217659	11230	210480	SPK. IN WALK
T.P.	1170	209814	9015	208644	
STA. P-1			10569	199245	C.S. MON. (SIDESHOT)
T.P.	0591	198975	11430	198384	
T.P.	1041	188254	11762	187213	
T.P.	0780	177237	11797	176457	
T.B.M.#31			10166	167071	

END OF RUN

Profile Notes Red. Plotted Job No. 0021.64 Division No. 11 F. B. 2683 Pg. 137
No. Date Date Survey of P.V. LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by DREES Notes BRAEN Date 12-8-64
No. Date Date Map No. Indexed H & E Off Date

F. B. 2683 Pg. 138

Job No. 002164 Division No. 11 Notes Red Plotted Profile

Survey of P.V. LANDSLIDE Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

76298 S & E #307—7-55

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	(START) LINE #2
P.B. # 9	5150	409 292		404 142	
T.P.	7100	411 753	4639	404653	
T.P.	6203	413 433	4 523	407230	
P.B. # 9B	7108	416 869	3672	409 761	BT. SPK. & W.
T.P.	7 497	421 463	2903	413966	
P.B. # 9A			7285	414178	✓ " " " (SIDE SHOT)
* T.P.	10658	428 682	3439	418024	* (BEGIN SIDELINE)
T.P.	11 133	439 572	0243	428439	
T.P.	7 821	445 193	2200	437372	
STA. B-1-C			2965	442228	C.S. MON. END OF SIDELINE
* T.P.	4695	422 719		418 024	
T.P.	1000	413 856	9863	412856	
P.T. #1			4403	409453	SIDESHOT BT. SPK. & W
B-1-B			5662	408194	" C.S. MON.
T.P.	8107	413 901	8062	405794	
STA. B-1			6850	407051	" " "
T.P.	0196	406 392	7 705	406196	
T.P.	0292	396 306	10378	396014	
T.P.	0915	386 998	10223	386083	
T.P.	0553	376 927	10624	376374	
T.P.	0622	366 467	11 082	365845	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2683 Pg. 139
X-Sec. No. ____ Date ____ Date ____ Survey of P.V. LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by DREIER Notes BAZEN Date 10-10-61
No. ____ Date ____ Date ____ Map No. ____ Index No. N. E. OTT Date ____

76L-298 S & E #307—1-56

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F. B. 2683 Pg. 140 Job No. 00216 Division No. 11 Notes Red Plotted Profile
Survey of P.V. LANDSLIDE Date 10-10-61 No. X-Sec.
Survey by DREIER Notes BAZEN Notes Chkd. Checked
Indexed H.E. OH Date Date No.

366.467

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2
T.P.	0244	355574	11137	353330	
T.P.	0630	345152	11052	344522	
B.M. 50-12			5274	339878	C.S. MON.
T.P.	10083	354975	0240	344912	
T.P.	10711	363866	1840	353155	
* T.P.	10970	374432	0904	363463	* BEGIN SIDELINE
T.P.	10685	384900	0217	374215	
T.P.	10929	395171	0658	384242	
DAVIS			3052	392119	END SIDELINE
* T.P.	8362	371824		363462	
T.P.	3072	365071	9825	361999	
RADIAL #1			6192	358879	C.S. MON. (SIDESHOT)
T.P.	1788	356219	10640	354431	
T.P.	0609	345407	11421	344798	
T.P.	0538	335235	10710	334697	
T.P.	2065	328179	9121	326114	
STA. A-3			6749	321430	C.S. MON. (SIDESHOT)
STA. A-4	6480	328684	5975	322204	
T.P.	2868	319570	11982	316702	
STA. G-1	6868	322587	3851	315719	
T.P.	2812	317964	7435	315152	

76L-298 S & E #307—1-56

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317.964

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2	
SHIELDS	4365	314705	7624	310340	C.S. MON.	
T.P.	1335	309952	6088	308617		
T.P.	1554	303148	8358	301594		
T.P.	1280	292673	11755	291393		
T.P.	1270	282421	11522	281151		
T.P.	0242	271101	11562	270859		
T.P.	0492	260285	11308	259793		
T.P.	0510	249556	11239	249046		
T.P.	1087	238691	11952	237604		
T.P.	1300	228031	11960	226731		
T.P.	0650	216775	11906	216125		
T.P.	0846	206998	10623	206152		
STA. J-5			8230	198768	C.S. MON.	
T.P.	4762	204211	7549	199449		
T.B.M. #15	11755	208954	7012	197199	P.K. IN CULVERT	
T.P.	6889	212648	3195	205759		
T.B.M. 50-13A			2251	210397	SPK. IN CURB.	(END OF LINE #2)

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 00216J Division No. 11 Survey of P.V. LANDSLIDE Survey by DREIER Notes BAZEN Date 10-10-61 Map No. Indexed B. E. Ott Date

F. B. 2683 Pg. 141

F. B. 2683 Pg. 142

Job No 002.64 Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed H. E. OT. Date Date Date No.

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

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76L-298 S & E #307—1-56

76298 S & E #307—7-55

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(P)

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STATION	B. S.	H. I.	F. S.	ELEV.	(START) LINE #5	
P.B. 9-B	1102	410 863		409 761	SPK. W. & T. (SEE	F.B. 2683 -139)
T.P.	0517	399 512	11 868	398995		
T.P.	0403	388 687	11 228	388284		
T.P.	0423	377 476	11 634	377053		
T.P.	0594	366 412	11 658	365818		
T.P.	4579	359 390	11 601	354811		
S.B. #3			6543	352847	BT. SPK. & W.	(SIDESHOT)
T.P.	9792	368 473	0709	358681		
T.P.	10840	378 893	0420	368053		
T.P.	10910	389 454	0349	378544		
S.B. #2			6217	383237	" " "	(SIDESHOT)
*S.B. #1	8443	397174	0723	388731	* " " " (BEGIN	SIDELINE)
T.P.	2188	398932	0430	396744		
WEST FIX			5110	393822	END SIDELINE.	
* S.B. #1	10610	399 341		388731	*	
S.B. 1-A			7361	391980	C.S. MON. (SIDESHOT)	
P.T. #2 AUX 3	0743	392 902	7182	392159	BT. SPK. & W.	
T.P.	0780	382 100	11582	381320		
T.P.	0988	371 246	11842	370258		
*P.T. #4	1062	367808	4500	366746	* BT. SPK. & W. (BEGIN	SIDELINE)
T.P.	0793	356698	11903	355905		

Profile Notes Red. ____ Plotted ____ Job No. 2021-A Division No. 11 F. B. 2683 Pg. 143
No. ____ Date ____ Date ____ Survey of P.V. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by DREIER Notes BAZEN Date 10-11-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTI Date ____

76298 S & E #307—7-55

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(P)

F. B. 2683 Pg. 144 | Job No. 0021.64 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of P.V. LANDSLIDE | Date 10-11-61 | Date | No.
Survey by PREIER | Notes BALZEN | Notes Chkd. | Checked | X-Sec.
Indexed H.E.OH | Date | Date | Date | No.

356.698

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5
T.P.	0695	345861	11532	345166	
T.P.	0972	335726	11107	334754	
H-2	0733	326549	9910	325816	C.S. MON.
H-4.	UNABLE TO LOCATE				END OF SIDELINE
* P.T.#4	1381	368127		366746	* BT. & W.
T.P.	0449	356846	11730	356397	
T.P.	1704	346692	11858	344988	
P.T.#5	0895	338419	9168	337524	BT SPK. & W.
T.P.	1040	327936	11523	326896	
T.P.	0983	318939	9980	317956	
* PT#6 AUX 3	4710	314895	8754	310185	* BT. SPK. W & T. BEGIN SIDELINE
T.P.	0938	304812	11021	303874	
T.P.	0638	293692	11758	293054	
T.P.	8133	292405	9420	284272	
I-2			10809	281596	2" I.P.
T.P.	10485	300625	2265	290140	
"BLAKESLY"			0960	299665	C.S. MON. (END OF SIDELINE)
* P.T.#6 AUX-3	0542	310727		310185	* BT. SPK. W & T.
T.P.	0912	300310	11329	299398	
T.P.	0463	291444	9329	290981	
T.P.	2478	282457	11465	279979	

76298 S & E #307—7-55

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282.457 **Do not extend notes this side of this line.**

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5	
T.P.	1197	272 304	11 350	271 107		
* T.P.	10 492	273 016	9 780	262 524	* 3" BT. SPK. BEGIN	SIDELINE
T.P.	4010	276 816	0 210	272806		
T.P.	11 403	287 946	0 273	276 543		
T.P.	11 859	299 520	0 285	287 661		
T.P.	10567	309 455	0 632	298 888		
P-4			6 848	302 607	C.S. MON.	
* T.P.	0576	263 100		262 524		
T.P.	0 862	253 435	10 527	252 573		
T.P.	0 913	243 260	11 088	242 347		
T.P.	1 283	233 435	11 108	232 152		
T.P.	1 120	223 432	11 123	222 312		
T.P.	1 125	212 724	11 833	211 599		
T.P.	0 918	204 017	9 625	203 099		
B.M. 34-17A			11 452	192 565	C.S. MON. (SIDE SHOT)	
T.P.	11 833	214 791	1 059	202 958		
K-1			1 807	212 984		
					(END)	

Profile Notes Red. Plotted Job No. 002164 Division No. 11 F. B. 2683 Pg. 145
No. Date Date Survey of P.V. LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by PREIER Notes BAZEN Date 10-11-61
No. Date Date Map No. Indexed H. E. OTT Date

F. B. 2683 Pg. 146 Job No. 80216-4 Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76298 S & E #307—7-55

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76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	(START) LINE #1
P.B. #9	5055	409197		404142	C.S. MON.
T.P.	7048	411854	4391	404806	
P.I. #5B	4997	415094	1757	410097	C.S. MON
T.P.	1500	411606	4988	410106	
T.B.M. #30	0271	405587	6290	405316	SPK. IN CULVERT
T.P.	6997	407667	4917	400670	
P.I. #4C	4226	410133	1760	405907	C.S. MON.
T.P.	9675	417888	1920	408213	
* T.P.	11396	426443	2841	415047	T.P. *
T.P.	5050	428835	2658	423785	BEGIN SIDELINE
FRUIT TREE #1			4352	424483	END SIDELINE
* T.P.	5760	420807		415047	T.P. *
T.P.	5678	424982	1503	419304	
T.P.	5948	425891	5039	419943	
S.P.H. G-7 RM.-1	4587	426271	4207	421684	
S.P.H. G-7	1166	421931	5506	420765	
T.P.	1577	411550	11958	409973	
T.P.	0267	400305	11512	400038	
T.P.	0000	389315	10990	389315	
T.P.	2002	382325	8992	380323	
P.I. #3	1109	374076	9358	372967	SPK. & T.

Profile No. ___ Notes Red ___ Plotted ___ Job No. 0021.64 Division No. 11 F.B. 2883 Pg. 147
X-Sec. No. ___ Date ___ Date ___ Survey of P.B. LANDSLIDE
Notes Chkd. ___ Checked ___ Survey by O.C.J. Notes SSB Date 11-16-61
Date ___ Date ___ Map No. ___ Indexed H.E. OTT Date NOV 2 '61

76L-298 CE 307 11-58

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(P)

374.076 Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LINE #1
T.P.	0242	362598	11720	362356	
T.P.	0879	351599	11878	350720	
P.I.#2A	3094	343266	11427	340172	SPK. & T.
P.I.#1 *	0790	336371	7685	335581	* SPK. & T.
T.P.	0330	326720	9981	326390	BEGIN SIDELINE
T.P.	0380	316160	10940	315780	
T.P.	0450	304684	11926	304234	
T.P.	0292	293859	11117	293567	
S.P.H. T.P.	10180	295642	8397	285462	
H-7A			7225	288417	C.S. MON.
ECC 1			7442	288200	" "
" 2			7385	288257	" "
" 3			7403	288239	END SIDELINE
P.I.#1 *	0366	335947		335581	* SPK. & T.
T.P.	0238	326435	9750	326197	
T.P.	0245	315079	11601	314834	
T.P.	0507	303978	11608	303471	
T.P.	0280	292740	11518	292460	
T.P.	2500	284170	11070	281670	
P.B.#10	0823	280413	4580	279590	
	0258	270604	10067	270346	

F.B. 2683 Pg. 148

Job No. 0021.64 Division No. 11 Notes Red Plotted Profile

Survey of P.B. LANDSLIDE Date 11-16-61 Date No. X-Sec.

Survey by A.C.G. Notes JJB Notes Chkd. Checked

Indexed H.E. OTT Date Date Date No.

76L-298 CE 307 11-58

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(P)

270.604 **Do not extend notes this side of this line.**

STATION	B.S.	H.I.	F.S.	ELEV.	LINE #1
T.P.	0298	259195	11707	258897	
T.P.	0595	249161	10629	248566	
T.P.	0208	240029	9340	239821	
T.P.	0210	230206	10033	229996	
T.P.	0178	219506	10878	219328	
W.F.#1	6968	217497	8977	210529	SPK. IN STEP.
T.P.	0214	208911	8800	208697	
P-1			9591	199320	C.S. MON. (SIDESHOT)
T.P.	0405	198024	11292	197619	
T.P.	0466	186715	11775	186249	
T.P.	0416	175791	11340	175375	
T.B.M.#31			8668	167123	

END

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2683 PG. 149
No. ____ Date ____ Date ____ Survey of R.J. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by A.C.G. Notes JB Date 11-16-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H.E. OTT Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	(START) LINE # 4
B.M. 34-15A	2640	233627		230 987	SPK. IN CURB
T.P.	3605	231752	5480	228147	
T.P.	3225	229126	5851	225901	
T.P.	2898	225746	6278	222848	
T.P.	1515	219704	7557	218189	
T.P.	4086	216220	7570	212134	
B.M. 50-13A	3068	213455	5833	210387	SPK. & TIN.
B.M. 50-13	1102	209109	5448	208007	C.S. MON.
B.M. #15	10051	207215	11945	197164	SPK. IN CULV.
T.P.	9690	215920	0985	206230	
T.P.	8057	218969	5008	210912	
RADIAL 2 ECC			9940	209029	SIDE SHOT
T.P.	8168	218522	8615	210354	
STA. J-4	4.153	219.413	3262	215260	C.S. MON.
" J-3			7.582	211.831	SIDE SHOT.
T.P.	0643	210.951	9.105	210.308	
STA J.1	5.109	206.311	9.749	201.202	C.S. MON.
T.P.	11.266	216.993	0.584	205.727	
T.P.	11.742	227.773	0.962	216.031	
T.P.	11.770	238.988	0.555	227.218	
STA J.1A			8461	230.527	C.S. MON.

F.B. 2683 Pg. 150
Job No. 20214 Division No. 11 Notes Red Plotted Profile
Survey of P.B. LANDSIDE Date 11-16-61 Date No.
Survey by A.C.G. Notes JJB Notes Chkd. Checked X-Sec.
Indexed H.E. Ott Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 4	
STA J 1A	0.396	230.923		230.527	C.S. MON	
T.P	0.683	222.895	8.711	222.212		
T.P	0.765	212.706	10.954	211.941		
T.P	0.346	202.599	10.453	202.253		
* T.P.	7.284	199.433	10.450	192.149	* BOLT IN RD.	
T.P	0.868	189.652	10.649	188.784	BEGIN SIDELINE	
T.P	1.046	179.085	11.613	178.039		
T.P.	0.242	167.582	11.745	167.340		
T.P.	0.333	156.045	11.870	155.712		
T.P	0.541	145.873	10.713	145.332		
T.P.	1.174	136.942	10.105	135.768		
TBM #25			10.316	126.626	END SIDELINE	SP. IN CONC. CULV.
* T.P	0.620	192.769		192.149	* BOLT IN RD.	
T.P.	10.282	196.771	6.280	186.489		
T.P	4.719	199.165	2.325	194.446		
BM 34-17 A	5.038	197.595	6.608	192.557	C.S. MON.	
T.P.	4.888	198.146	4.337	193.258		
T.P	6.682	197.316	7.512	190.634		
T.P	0.490	187.845	9.961	187.355		
	0.912	177.061	11.696	176.149		
BM 34-18			8.390	168.671	C.S. MON.	

Profile Notes Red ____ Plotted ____ Job No. 002164 Division No. 11 F.B. 2683 Pg. 161
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by A.C.G. Notes JB Date 11-17-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 CE 307 11-58

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(P)

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 4
BM 34-18	1.861	170.532		168.671	C.S. MON.
TP *	11.908	172.487	9.953	160.579	BOLT IN DIVIDER *
T.P	11.485	183.330	0.642	171.845	BEGIN SIDELINE
T.P	9.382	190.777	1.935	181.395	
T.P	4.877	193.627	2.027	188.750	
STA. P.3 A			3.216	190.411	C.S. MON. END SIDELINE
T.P. *	2.111	162.690		160.579	BOLT IN DIVIDER *
STA P.3	6.530	164.597	4.623	158.067	L.&T. IN CURB.
T.P.	6.320	166.765	4.152	160.445	
T.P	5.616	167.886	4.495	162.270	
STA P.2	7.001	170.412	4.475	163.411	L&T. IN CURB.
T.BM# 31			3.302	167.110	L&T. IN CURB.

(END)

F.B. 2683 Pg. 152

Job No. 002164 Division No. 11 Notes Red Plotted Profile

Survey of P.B. LANDSLIDE Date 11-17-61 Date No. X-Sec.

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

Indexed Date Date Date

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	(Start) LINE #2	
BM	5 222	409 364		404 142	BM PB #9	ELEV = 404.142
TP	6 188	412 419	3 133	406 231		
TP	7 492	416 344	3 567	408 852		
BM			6 584	409 760	BM PB #9B	SIDE Shot
TP	7 559	422 542	1 361	414 983		
BM			8 359	414 183	BM PB #9A	" "
TP			3 138	419 404 *		
	START SIDE			LINE		
	11 068	430 472		419 404		
TP	11 815	441 817	0 470	430 002		
TP	6 799	446 369	2 247	439 570		
BM			4 100	442 269	BM PB #1C	
	END SIDE			LINE		
TP	2 928	422 332		419 404 *		
TP	2 361	413 571	11 122	411 210		
BM			4 233	409 338	BM PT	SIDE SHOT
BM	5 402	413 426	5 547	408 024	BM P#B1B	
BM			6 531	406 895	BM	SIDE SHOT
TP	0 459	406 067	7 818	405 608		
TP	0 320	395 018	11 369	394 698		

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2683 Pg. 159
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by A.C.G. Notes ACG Date 11-21-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H.E. OTT Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #2	
		395 018				
TP	0311	383 471	11 858	383 160		
TP	0371	372 502	11 340	372 131		
TP	0228	360 947	11 783	360 719		
TP	0268	349 302	11 913	349 034		
BM			9 500	339 802	BM 50-12	SIDE SHOT
TP	11 575	356 067	4 810	344 492		
TP	11 087	366 321	0 833	355 234		
			3 150	363 171 *		
		start	SIDE	LINE		
TP	11 280	374 451		363 171		
TP	9 960	383 996	0 415	374 036		
	9 807	393 243	0 560	383 436		
BM			1 320	391 923	BM "DAVIS" ✓	
		END	SIDE	LINE		
TP	4 621	367 792		363 171 *		
BM	6 591	365 413	8 970	358 822	BM RADIAL 1	
TP	0623	354 641	11 395	354 018		
TP	0600	343 591	11 650	342 991		
TP	0703	333 274	11 020	332 571		
BM	4 635	325 999	11 910	321 364	BM #A3	

F.B. 2683 Pg. 154
Job No. 0021.64 Division No. 11 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date 11-21-61 Date No. X-Sec.
Survey by A.C.G. Notes ACG Notes Chkd. Checked
Indexed B.E. Oil Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #2	
		325 999				
BM	2 505	324 718	3 786	322 213	BM #A-4	
BM	6 769	322 497	8 990	315 728	BM #G-1	
TP	3 555	316 682	9 370	313 127		
BM	3 849	314 203	6 328	310 354	BM "SHIELDS"	
TP	3 180	313 352	4 031	310 172		
TP	0 718	302 320	11 750	301 602		
TP	0 499	291 904	10 915	291 405		
TP	0 524	281 691	10 737	281 167		
TP	0 410	271 276	10 825	270 866		
TP	0 474	260 300	11 450	259 826		
TP	1 046	250 124	11 222	249 078		
TP	0 808	239 837	11 095	239 029		
TP	0 220	228 455	11 602	228 235		
TP	0 290	216 974	11 771	216 684		
TP	0 267	206 391	10 850	206 124		
BM			7 647	198 744	BM "J-5"	SIDE SHOT
TP	1 833	200 714	7 510	198 881		
TBM	11 927	209 135	3 506	197 208	TBM #15	spk in culv.
BM			1 080	208 055	BM 50-13	
				(END)		

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 8021.64 Division No. 11 Survey of P.B. LANDSLIDE
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by A.C.G. Notes ACG Date 11-21-61
Map No. ____ Date ____ Indexed ____ Date ____

F.B. 2683 Pg. 165

F.B. 2683 Pg. 156

Job No. 002164 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of P.B. LANDSLIDE Date 11- -61 Date _____ No. _____

Survey by A.C.G. Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

STATION	B.S.	H.I.	F.S.	ELEV.	
					LINE #1

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ZEISS #26280

STATION	B.S.	H.I.	F.S.	ELEV.	(START) LINE # 3	
TBM	2 020	233 007		230 987	TBM 34-15A	
TP	1 149	222 574	11 582	221 425		
TP	2 185	213 775	10 984	211 590		
TP	3 818	211 026	6 567	207 208		
sta	2 020	203 764	9 282	201 744	sta "K-13" 2" IP	
TP	0 575	193 172	11 167	192 597		
TP	0 520	181 924	11 768	181 404		
sta	2 858	175 602	9 180	172 744	" K-10A Bt-spk	
			5 992	169 610	" K-10B 2" IP	
			7 408	168 194	" K-10C L&TK	
			7 353	168 249	" K-10 spk (1" IP	-.930 = 167.319)
TP	5 020	169 133	11 489	164 113		
sta			5 643	163 490	" K-9A spk	
			7 249	161 884	" K-9B 2" IP	
			9 848	159 285	" K-9 1" IP	
	0 652	158 505	11 280	157 853	" K-8A Bt spk	
			3 035	155 470	" K-8B 2" IP	
TP	0 248	146 923	11 830	146 675		
TP	0 448	135 507	11 864	135 059		
			5 690	129 817*		

Profile Notes Red ____ Plotted ____ Job No. 2021.64 Division No. 11 F.B. 2683 Pg. 157
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by R.C.G. Notes ACG Date 11-21-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #3
	Start SIDE LINE				
TP	7819	137 636		129 817	
Sta			1610	136 026	Sta K-5 C.S. MON
	END SIDE LINE				
TP	0 240	130 057		129 817*	
TP	0 442	118 576	11 923	118 134	
Sta			7967	110 609	Sta W-3 CS MON SIDE shot
TP	0519	107122	11 973	106 603	
Sta			5355	101 767	Sta K-5 Aux CS MON SIDE shot
TP	0269	95 414	11 977	95 145	
TP	0262	83 893	11 783	83 631	
Sta			7398	76495	Sta K-4 C.S. MON
TP	1 051	73128	11 816	72077	
TP	0 700	62165	11 663	61 465	
TBM			4854	57311	TBM #28 spK SIDE shot
Sta	3488	57653	8000	54165	Sta K-3A C.S. MON
TP	0723	46499	11 877	45776	
TP	8030	43192	11 337	35162	
Sta	0682	37451	6423	36769*	Sta K-2 AUX 2" IP
TP	7464	33607	11 308	26143	
TP	1348	26175	8780	24827	

F.B. 2683 Pg. 158
Job No. 002164 Division No. 11 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date 11-21-61 Date No. X-Sec.
Survey by A.C.G. Notes ACG Notes Chkd. Checked
Indexed Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 3	
		26 175				
TP	2 499	17 100	11 574	14 601		
BM			9 491	7 609	BM PB #1	
BM K-2 AUX	1 540	38 309		36 769	*	2" I.P.
TP	0 756	27 815	11 250	27 059		
	0 228	17 080	10 963	16 852		
	4 488	16 408	5 160	11 920		
	6 600	17 495	5 523	10 885		
	4 233	10 337	11 381	6.104		
T.B. 6A	4 795	5 094	10 038	0.299	T.B. 6A	BT. SKK IN ROCK
TP	4 885	6 724	3 255	1 839		
	3 750	6 474	4 000	2 724		
	8 380	10 164	4 690	1.784		
P.B #8			2 179	7 985	P.B #8	BT. SPK IN ROCK
				(END)		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 00 21.64 Division No. 11 F.B. 2683 Pg. 157
X-Sec. No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by A.C.G. Notes ACG Date 11-21-61
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2683 Pg. 160

Job No. 0021.64 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of P.B. LANDSLIDE Date 11 - 6/ Date _____ No. _____

Survey by A.C.G. Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-296 CE 307 11-56

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9750

(P)

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #5 (Start)	
B.M. PB9A	0 667	414 864	——	414 197	B.M. P.B. 9A,	LARGE B. SPK. W. & T.
T.P.	0 563	403 659	11 768	403 096		
"	0 316	392 038	11 937	391 722		
"	4 365	385 444	10 959	381 079		
B.M. #2	3 031	386 273	2 202	383 242	B.M. Sweetbay #2	
T.P.	5 526	390 394	1 405	384 868		
"	8 245	390 140	8 499	381 895		
"	7 752	397 418	0 474	389 666		
B.M. West Fix			3 620	393 798	B.M. West Fix	END. SIDE LINE.
B.M. #2	11 170	394 412		383 242	B.M. SWEETBAY #2	
" #1			5 697	388 715	B.M. " #1	
" #1A			2 468	391 944	BM #1A	
T.P	6 190	399 805	0 797	393 615	#2 AUX #3	BT. SPK. W & T
	0 272	392 389	7 688	392 117		
T.P.	0 242	381 043	11 588	380 801		
"	2 099	372 156	10 986	370 057		
P.T. #4	1 483	368 146	5 493	366 663	P.T. #4	START SIDE LINE BT. SPK & W.
T.P.	0 792	357 410	11 528	356 618		
"	0 431	346 321	11 520	345 890		
"	0 813	335 437	11 697	334 624		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2683 Pg. 161
Date ____ Date ____ Survey of Port Bend Landslide
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by G.E. Dreier Notes Lubrand Date 11-21-61
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		335 437				
BM H-2			9 750	325 687	BM H-2.	MON. (END SIDE LINE)
P.T. #4	0 916	367 579		366 663	P.T #4	
T.P.	0 664	356 581	11 662	355 917		
"	1 029	345 874	11 736	344 845		
P.T. #5	0 569	337 991	8 452	337 422	P.T #5	BT. SPK & W
T.P.	0 655	326 914	11 732	326 259		
"	1 260	316 217	11 957	314 957		
P.T #6 AUX #3	3 935	313 992	6 160	310 057	P.T #6 AUX #3	BT. SPK & W
T.P.	0 673	302 986	11 679	302 313		
"	1 250	292 483	11 753	291 233		
I-2	9 750	291 152	11 081	281 402	I-2	2" I.P.
	10 688	300 650	1 190	289 962		(END SIDE LINE)
B.M. BLAKSLEY			1 160	299 490	B.M. BLAKSLEY	PRECAST MON.
P.T #6 AUX #3	0 443	310 500		310 057	P.T #6 AUX #3	BT. SPK & W
T.P.	0 737	299 699	11 538	298 962		
"	0 520	288 277	11 942	287 757		
"	1 003	277 920	11 360	276 917		
"	1 463	268 639	11 344	266 576		
"			10 702	257 337	BEGINING SIDE LINE	SPK.
"	10 488	276 815	1 712	266 327		

F.B. 2683 Pg. 162

Job No. 002164 Division No. 11 Notes Red Plotted Profile

Survey of P.B. LANDSLIDE Date Date No.

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

Indexed H.E. OTT Date Date No.

76L-298 CE 307 11-58

0 916

(P)

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P		276 815				
"	10 823	283 738	3 900	272 915		
"	10 509	293 751	0 496	283 242		
"	10 938	304 208	0 481	293 270		
"	8 292	311 429	1 071	303 137		
B.M P-4			8 913	302 516	(END SIDE LINE)	PRE CAST MON
SPK	0 650	257 987		257 337		SPK.
T.P	0 850	246 859	11 978	246 009		
"	1 059	236 081	11 837	235 022		
"	0 930	225 123	11 883	224 193		
"	0 961	214 142	11 942	213 181		
"	1 223	204 228	11 137	203 005		ROAD DEPT. MON.
	10 610	203 683	11 155	193 073		
BM 34-17A			11 114	192 569	B.M. 34-17A	MON
T.P.	11 609	214 972	0 320	203 363		
B.M K-1			2 078	212 894	B.M. K-1	PRECAST MON
				(END)		

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 222164 Division No. 11 Survey of P.B. LANDSLIDE

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ACG Notes RS Date 11-22-61

Map No. ____ Indexed H. E. OTT Date ____

F.B. 2683 Pg. 163

F. B. 2683 PG. 164

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76L-296 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #6 (Start)
B.M. 50-9	7 643	1007 046	—	999 403	
T.P.	0350	998 748	8648	998 378	
"	0184	987 542	11 390	987 358	
"	0183	975 773	11 952	975 590	
"	0168	963 901	12 040	963 733	
"	2 027	954 428	11 500	952 401	
TBM #11	3 115	950 400	7 143	947 285	T.B.M. #11 P.K. Spk. in conc. Headwall
T.P.	2 123	941 877	10 646	939 754	
BM 2 #1	0 667	936 041	6 503	935 374	B.M. 2 #1 Stan. Brass Cap
T.P.	1 648	926 521	11 168	924 873	
"	0 702	915 451	11 772	914 749	
"	0 576	904 695	11 332	904 119	
"	0733	893 365	12 063	892 632	
"	1 640	882 942	12 063	881 302	
"	0 976	871 782	12 136	870 806	
"	3 407	865 561	9 628	862 154	
B.M. 50-10	3 527	861 657	7 431	858 130	B.M. 50-10 Stan. Precise B.M.
"	0 128	849 658	12 127	849 530	
"	0 529	838 040	12 147	837 511	
	0 278	826 272	12 046	825 994	
			11 328	814 944	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2683 Pg. 163
No. ____ Date ____ Date ____ Survey of PORT BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by G.E. DREIER Notes Lybrand Date 11-21-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H.E. ON Date ____

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F.B. 2683 Pg. 166 Job No. 0021.64 Division No. 11 Notes Red Plotted Profile
Survey of Port Bend Laguna Dist Date 11-21-61 Date No. X-Sec.
Survey by Geo. Breier Notes L. Lybrand Notes Chkd. Checked
Indexed H. E. Ott Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	Line #6
T.P.	0 291	8 1 5 235		8/4 944	
"	0 488	803 822	11 921	803 334	
B.M. Y-9	1 484	795 364	9 942	773 480	B.M. Y-9 Stan. pre cast mon.
T.P.	1 339	785 882	10 819	789 545	
"	6 391	783 422	8751	777 131	P.K. SPK. in conc. Headwall
"	0 505	772 335	11 592	771 830	
"	0 638	761 722	11 257	761 084	
"	0 302	750 209	11 815	749 907	
"	0 751	739 884	11 076	739 133	
"	0 427	728 325	11 986	727 898	
"	0 185	716 562	11 948	716 377	
"	0 107	704 734	11 935	704 627	
"	1 191	693 924	12 001	692 733	
"	0 620	683 655	10 889	683 035	
TBM #13	0 589	676 568	7674	675 981	P.K. Spk. in conc. Headwall
T.P.	0 521	665 616	11 473	665 095	
"	3 266	656 602	12 280	653 336	
B.M. 50-11			9 063	647 539	B.M. 50-11 Stan. pre cast mon.
			(END)		

76L-298 S & E #307—1-56

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Rod # 21 & 22

STATION	B. S.	H. I.	F. S.	ELEV.	LEVEL LINE #1 Zeiss #26280	
PB 9	4578	408 720		404 142	PB #9 ELEV = 404.142	
TP	6342	411 297	3765	404955		
TP	6831	415 293	2835	408 462		
PI 5-B	5113	415 211	5195	410098	PI 5-B MON	SWEETBAY Rd
TP	1518	410 859	5870	409341		
TBM #30	0420	405 761	5518	405341	TBM #30 spk in culv.	CINNAMON LANE
TP	7631	407 902	5490	400271		
PI 4-C	5482	411 395	1989	405913	PI 4-C MON	PLUM TREE Rd
TP	10992	420 396	1991	409404		
TP			2550	417846	* spk & Tin	
		SIDE	LINE		FRUIT TREE LANE	
		420396				
TP	9682	429417	0661	419735		
BM			4930	424487	FRUIT TREE NO 1	
		END	SIDE	LINE		
TP	7465	425311		417 846	* spk & tin	
TP	6350	426303	5358	419953		
TP	4515	426 466	4352	421951		
BM			4784	421682	SPH G-7 RM #1	
"	0692	421 451	5707	420759	SPH G-7	
TP	1579	411 102	11 928	409523		

Profile Notes Red. Plotted Job No. 002164 Division No. 11 F. B. 2683 Pg. 167
No. Date. Date. Survey of P.B. SUBSIDENCE
X-Sec. Notes Chkd. Checked Survey by ACG Notes ACG Date 1-8-62
No. Date. Date. Map No. Indexed H. E. OTT Date JAN 1 6 '62

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		411 102				
TP	1 011	400 210	11 903	399 199		
TP	0 669	389 195	11 684	388 526		
Fd TP	3 149	382 602	9 742	379 453		
BM	0 795	373 766	9 631	372 971	MON	Ginger root LANE
TP	1 122	363 526	11 362	362 404		
	0 960	353 330	11 156	352 370	NOTE (P1 #3 & 2A NOT RECOVERED due to Repavement of ST)	
	0 898	342 708	11 520	341 810		
SET TBM	1 251	336 532	7 427	335 281	* SpK & Washer 30°E	Figtree Rd
		SIDE	LINE		FIGTREE ROAD	
TP	0 990	327 391	10 131	326 401		
	0 540	316 328	11 603	315 788		
	0 856	305 976	11 208	305 120		
	0 582	295 307	11 251	294 725		
	10 348	296 131	9 524	285 783		
BM			7 703	288 428	SpH H-7A	
			7 935	288 196	" " ECC	1
			7 854	288 277	" " "	2
			7 880	288 251	" " "	3
		END	OF	SIDE	LINE	
TBM	0 568	335 849		335 281	*	

F. B. 2683 Pg. 168
Job No. 002164 Division No. 11 Notes Red. Plotted Profile
Survey of P.B. SUBSIDENCE Date Date No.
Survey by ACG Notes ACGUIZADO Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date No.

76L-298 CE 307 11-58

(P)

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE NO 1	
		335 849				
TP	0 441	324 768	11 522	324 327		
	0 772	314 238	11 302	313 466		
	1 014	303 944	11 308	302 930		
	0 280	292 784	11 440	292 504		
	0 947	283 165	10 566	282 218		
BM	0 490	280 093	3 562	279 603	BM PB #10	
TP	0 481	269 620	10 954	269 139		
	0 243	259 153	10 710	258 910		
	0 461	250 094	9 520	249 633		
	0 912	240 877	10 129	239 965		
	0 492	230 763	10 606	230 271		
	0 263	219 602	11 424	219 339		
BM	7 208	217 738	9 072	210 530	BM WF #1	□ spk in step
TP	2 200	210 410	9 528	208 210		
BM			11 097	199 313	BM P #1	W.F chapel
TP	0 842	199 684	11 568	198 842		
	0 408	189 241	10 851	188 833		
	0 750	179 284	10 707	178 534		
	5 640	175 756	9 168	170 116		
TBM			8 631	167 125	TBM #31	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 002164 Division No. 11 F.B. 2683 Pg. 169
Date ____ Date ____ Survey of RB. SUBSIDENCE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2683 Pg. 170 | Job No. 030108 Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-298 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.	LINE 4	
TBM 34-15A	2658	233 645		230 987	TBM 34-15A ELEV=230.987	spk in Lead
TP	3055	230 582	6118	227 527		
	3095	227 422	6255	224 327		
	2339	223 168	6593	220 829		
	2595	217 298	8465	214 703		
TBM 50-13A	2880	213 263	6915	210 383	TBM 50-13A ELEV=210.395	spk & T in cb
BM 50-13	3468	211 471	5260	208 003	BM 50-13 ELEV=208.006	C.S. MON.
TP	3885	207 307	8049	203 422		
TBM 15			10 160	197 147	TBM #15	spk in culv
TP	8550	215 619	0238	207 069		
"	7575	218 391	4803	210 816		
sta			9505	208 886	Rod 2 Ecc 1	3/4" CAPPED IP
"	2765	217 866	3290	215 101	J-4	CS, MON
"			6262	211 604	J-3	"
TP	0998	209 599	9265	208 601		
sta	4412	205 478	8533	201 066	J-1	C.S. MON
TP	9982	214 598	0862	204 616		
	11 103	225 069	0632	213 966		
	11 308	235 656	0721	224 348		
sta	1088	231 489	5255	230 401	J-1A	
TP	0518	221 012	10995	220 494		

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Job No. 002166 Division No. 11 Survey of P.B. SUBSIDENCE Survey by A.C. GUTHRIE Notes ACG Date 1-10-62 Map No. ____ Indexed H. E. OTT Date ____

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

F. B. 2683 Pg. 171

76L-298 S & E #307—1-58

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE	4
		221 012				
TP	3418	213 512	10 918	210 094		
"	1895	203 777	11 630	201 882		
			11 745*	192 032 *		
		Start	SIDE	LINE		
TP	1547	196 369	8955	194 822		
"	1128	185 878	11 619	184 750		
"	1475	178 910	8443	177 435		
"	1238	170 519	9629	169 281		
"	0855	161 458	9916	160 603		
"	0965	151 538	10 885	150 573		
"	2023	143 371	10190	141 348		
"	1040	133 125	11 286	132 085		
TBM #25			6432	126 693	TBM #25	spk in Culv
		END	SIDE	LINE		
TP	1488	193 520		192 032 *		
"	9622	193 409	9733	183 787		
"	6650	199 629	0430	192 979		
TBM 34-17A	5855	198 399	7085	192 544	stop @ 3:45 PM	CS MON
TP	4095	197 379	5115	193 284	start 1-11-62	
TP	2265	194 884	4760	192 619		

F. B. 2683 Pg. 172 Job No. 002164 Division No. 11 Notes Red. Plotted Profile
Survey of P.B. SUBSIDENCE Date Date No. X-Sec.
Survey by ACG Notes ACG 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.	LINE 4	
		194 884				
TP	1 268	187 667	8485	186 399		
	1 048	177 225	11 490	176 177		
BM34-18	1 240	169 935	8 530	168 695	BM-34-18	C S MON
TP			9642	160293 *		
		Start	SIDE	LINE		
TP	10265	179822	0378	169 557		
	9078	188 590	0310	179 512		
	6593	193 811	1 372	187 218		
sta			3374	190437	P-3A	C S MON
		END	SIDE	LINE		
TP	2 128	162 421		160 293 *		
sta	6245	164 334	4332	158 089	P-3	L&Tag in cb
TP	6158	166 170	4322	160 012		
TP	6605	168 767	4008	162 162		
sta			5335	163 432	P-2	L&tag in cb
TBM#31			1640	167 127		
		END				

Profile Notes Red. ____ Plotted ____ Job No. 22264 Division No. 11 F. B. 2683 Pg. 173
No. ____ Date ____ Date ____ Survey of PB - Subsidence
X-Sec. Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 1-11-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2683 Pg. 174 Job No. 002164 Division No. 11 Notes Red. Plotted Profile

Survey of PB Subsidence Date Date No.

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

Indexed Date Date Date No.

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

76L-298 S & E #307—1-58

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE 6	
BM 50-9	6960	1006363		999 403	BM 50-9 ELEV = 999.403	C.S. MON
TP	0935	996 296	11 002	995 361		
"	0731	986 485	10 542	985 754		
"	0920	976 233	11 172	975 313		
"	0880	965 563	11 550	964 683		
"	1050	956 315	10298	955 265		
TBM #11	0958	948 250	9023	947 292	TBM #11	PK spk in culv wall
TP	1368	938 930	10688	937 562		
Sta			3560	935 370	Z-1	C.S. MON
TP	0347	928 264	11 013	927 917		
"	0555	917 631	11 188	917 076		
"	0540	906 807	11364	906 267		
"	0615	896 504	10918	895 889		
"	1095	886 777	10822	885 682		
"	0508	875 967	11 318	875 459		
"	1113	866 420	10660	865 307		
BM 50-10			8228	858 192	BM 50-10	C.S. MON
TP	0414	855 619	11 215	855 205		
"	0548	844 855	11312	844 307		
"	0433	834 053	11 235	833 620		
"	0310	822 739	11624	822 429		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 002164 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of RB Subsidence
Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 1-11-62
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2683 Pg. 175

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		822 739				
TP	1 085	812 246	11 578	811 161		
TP	0 837	801 610	11 473	800 773		
Sta			7635	793 975	Y-4'	Bt spk in 2" IP
TP	0 473	790 681	11 402	790 208		
	2901	782 540	11 042	779 639		
TBM #12			5320	777 220	TBM #12	spk in culv. wall
TP	0925	773 267	10 198	772 342	Lunch	(12 to 1)
"	1 079	763 454	10 892	762 375		
"	0395	752 417	11 432	752 022		
"	0 449	741 691	11175	741 242		
"	0715	731 490	10916	730 775		
"	0808	721 050	11 248	720 242		
"	0 478	710 048	11 480	709 570		
"	0 347	699 434	10 961	699 087		
"	0 308	688 235	11 507	687 927		
"	0 489	676 776	11 948	676 287		
TBM #13			0722	676 054	TBM #13	spk in Culv
TP	1 016	666 692	11 100	665 676		
"	1 279	656 741	11 230	655 462		
BM 50-17			9125	647 616	BM 50-11	C.S. MON

END

F. B. 2683 PG. 176
Job No. 002164 Division No. 11 Notes Red. Plotted Profile
Survey of DB SUBSIDENCE Date Date No. X-Sec.
Survey by ACG Notes ACG Notes Chkd. Checked
Indexed H. E. OTT Date Date No.

76L-298 S & E #307—1-56

P

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE 2	
PB #9	5175	409 317		404 142	PB #9 ELEV = 404 142	C.S. MON
TP	6425	412 414	3328	405 989		
TP	6314	414 550	4178	408 236		
PB-9B			4747	409 803	PB #9B	Bt spk W & Tin
TP	7430	419 235	2745	411 805		
PB-9A			5016	414 217	PB #9-A	Bt spk W & tin
TP	6750	423 705	2280	416 955		
"			4272	419 433*		
		Start	SIDE	LINE		
TP	10 438	433 773	0370	423 335		
"	10 288	443 216	0845	432 928		
Sta			0932	442 284	Sta B-1-C	C.S MON
		END	SIDE	LINE		
TP	2738	422 171		419 433*		
"	0600	443 158	9613	412 558		
PT #1			3982	409 176	PT #1	Bt spk W & tin
Sta	5625	413 415	5368	407 790	Sta B-1-B	C S MON
"			6740	406 675	Sta B-1	C.S. MON
TP	1288	407 978	6725	406 690		
"	0864	397 030	11 812	396 166		

Profile Notes Red. Plotted Job No 002164 Division No. 11
No. X-Sec. Date Date Survey of P.B. Subsidence Date 1-11-64
No. Notes Chkd. Checked Survey by R.C.G. Notes R.C.G. Date
Date Date Map No. Indexed H. E. OTT Date

F. B. 26833 Pg. 177

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE	2
		397 030				
TP	0788	386 730	11 088	385 942		
"	1225	377 479	10 476	376 254		
"	2265	368 916	10828	366 651		
"	0689	359 369	10 836	358 080		
"	1020	348 562	11 227	347 542		
BM 50-12			8830	339 732	BM 50-12	C.S. MON
TP	9020	353 385	4197	344 365		
"	10560	363 194	0751	352 634		
"			0869	362 325 *		
		Start	SIDE	LINE		
TP	9965	372 947	0212	362 982		
"	9438	381 477	0908	372 039		
"	11 625	392 519	0583	380 894		
Sta			0848	391 671	DAVIS	C.S. MON
		END	SIDE	LINE		
TP	6985	369 310		362 325 *		
"	5543	364 188	10665	358 645		
Sta			5450	358 738	Radial 1	C8 mon.
TP	1353	354 041	11 500	352 688		
"	1415	345 626	9830	344 211		

F. B. 2683 Pg. 178
Job No. 02216
Division No. "
Notes Red. Plotted Profile
Survey of P.B. Subsidence Date No.
Survey by ACG Notes ACG Date X-Sec.
Checked Date No.
Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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(D)

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE 2	
		345626				
TP	1482	336391	10717	334909		
	1028	326972	10427	325964		
BM A-3			5720	321.272	BM A-3	CS MON
" A4	2905	325142	4755	322237	" A-4 ELEV = 322.19	"
" G-1	6980	322729	9.393	315749	B.M. G-1	CS MON.
T.P.	4274	317338	9665	313064		
	4320	314597	6961	310377	SHIELDS	CS MON.
T.P.	1013	306945	8670	305927		
T.P.	0291	276946	10310	276655		
"	0284	256800	10430	256516		
"	0495	277137	10158	276642		
"	0604	266217	11524	265613		
"	0670	256099	10733	255429		
"	0973	246159	10915	245184		
"	0590	236230	10514	235645		
"	1099	226807	10527	225705		
"	0813	216943	10677	216130		
"	0451	206609	10785	206158		
			7921	198688	B.M. J-5	
TP	8748	206051	9300	197309		

Profile Notes Red Plotted Job No 02446 Division No 11
No X-Sec. Date Date Survey of P.P. SUBSIDENCE
No Notes Chkd Checked Survey by ACG Notes CDG Date 1-11-62
Date Date Map No Index H. E. OTT Date

F. B. 2683 Pg. 179

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		206 057				
TBM 15			8840	197217	TBM #15	PK in culv wall
TP	7335	211 427	1965	204 092		
BM 50-13			3355	208 072	BM 50-13	CS MON

F. B. 2683 Pg. 180
Job No. 002164 Division No. 11 Notes Red. Plotted Profile
Survey of P. B. SUBSIDENCE Date Date No.
Survey by ACG Notes ACG Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE 3	
TBM 34-15A	0583	231 570		230 987	TBM 34-15A	L&T in cb
TP	0882	221 922	10530	221 040		
"	2548	213 640	10830	211 092		
"	3608	210 483	6765	206 875		
sta			8751	201 732	sta K-13	Btspk in 2" IP
TP	0766	199 786	11 463	199 020		
"	0505	189 698	10593	189 193		
"	0832	179 605	10925	178 773		
sta	0613	173 350	6868	172 737	sta K-10A	Btspk &W
"			3750	169 600	" K-10B	Btspk in 2" IP
"	0509	168 692	5167	168 183	" K-10C	L&T in cb
"			1382	167 310	" K-10	Rod = 0.452 +0.930 = 1.382
"			5198	163 494	" K-9A Btspk W&T	
"			6818	161 874	" K-9B 2" IP	
"			9415	159 277	" K-9 1" IP	
"	0663	158 504	10851	157 841	" K-8A Btspk	
"			3049	155 455	" K-8B 2" IP	
TP	0345	148 406	10443	148 061		
"	0540	138 225	10721	137 685		
"			9320	128 905*		

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 00216 Division No. 11 Survey of R.B. Subsidence Survey by ACG Notes ACG Date 1-12-62 Map No. ____ Date ____ Index H. E. OTT Date ____

F. B. 2683 Pg. 181

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE	3
		start	SIDE	LINE		
TP	9270	138 175		128 905*		
sta			2165	136 010	sta K-5	C.S MON
		END	SIDE	LINE		
TP	0205	129 110		128 905		
"	0748	118 590	11 268	117 842		
sta	1308	111 916	7982	110608	sta W-3	
"	0849	102 605	10160	101 756	" K-5 AUX	CS MON
TP	1062	92 665	11 002	91 603		
"	0610	81 978	11297	81 368		
sta			5724	76 254	sta K-4	CS MON
TP	0281	71 921	10338	71 640		
"	0908	62 692	10137	61 784		
TBM#28	1573	58795	5470	57 222	TBM#28	spk in conc
sta			4624	54 171	sta K-3A	CS MON
TP	0543	47639	11699	47096		
"	4265	40759	11 145	36494		
sta			3900	36 859	sta K-2 AUX	2" IP & SPK
TP			11980	28779		

F. B. 2683 Pg. 182
Job No. 002166 Division No. 11 Notes Red. Plotted Profile
Survey of PB Subsidence Date Date No.
Survey by ACG Notes ACG Notes Chkd. Checked X-Sec.
Indexed H. E. Ott Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE 3
		START SIDE LINE			
TP	7565	36344		28 779*	
"	1938	29022	9260	27 084	
"	0135	18 280	10877	18 145	
			10670	7610	
		END SIDE LINE			
TP	0991	29 770		28 779*	
"	0988	19 088	11670	18 100	
"	4975	17 003	7060	12 028	
"	6355	16 255	7103	9 900	
"	10670	24 030	2895	13 360	
"	2315	16 743	9602	14 428	
"	6298	14 896	8145	8 598	
"	5093	16459	3530	11 366	
BM			8485	7974	BM PB#8 ELEV = 7.994

Profile Notes Red. Plotted Job No. 00216 Division No. 11 F. B. 2683 Pg. 183
No. X-Sec. Date Date Survey of [illegible]
Notes Chkd. Checked Survey by [illegible] Notes [illegible] Date 1-12-62
No. Date Date Map No. Indexed H. E. OTT Date

F. B. 2683 Pg. 181

Job No. 2216 Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

Do not extend notes this side of this line.

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76L-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.	LINE 5	
sta	1179	410 982		409 803	PB 9-B ELEV=409.803 per LINE 2 SPK in Pvm't	
TP	0743	399 786	11 939	399 043		
"	0205	388 596	11 395	388 391		
"	0824	377 655	11 765	376 831		
"	0916	367 507	11 064	366 591		
"	0491	356 353	11645	355 862		
sta			3482	352 871	sta SB #3	Bt spk in Pvm't
TP	9420	365 406	0367	355 986		
"	9577	374 015	0968	364 438		
"	9698	383 449	0264	373 751		
sta	9169	392 420	0198	383 251	sta SB #2	Bt spk in Pvm't
"			3721	388 699	" SB #1*	" "
		Start	SIDE	LINE		
sta	7130	395 829		388 699	sta SB #1*	"
"			2000	393 829	" WEST FIX	C.S MON
		END	SIDE	LINE		
sta	6440	395 139		388 699	sta SB #1*	Bt spk
"			3229	391 910	" SB #1-A	C.S. MON.
TP	1823	395 555	1 407	393 732		
sta			3487	392 068	sta PT 2 AUX 3	Bt spk in Pvm't
TP	0593	385 071	11 077	384 478		

Profile Notes Red. ____ Plotted ____ Job No. 002164 Division No. 11 F. B. 2683 Pg. 185
No. ____ Date ____ Date ____ Survey of PB Subsidence
X-Sec. Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 1-15-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		385 071				
TP	1368	375387	11 052	374 019		
sta			8 807	366 580	*sta PT#4	Bt spk in Pvm't
		start	SIDE	LINE		
TP	0350	364355	11 382	364 005		
"	0941	353 793	11 503	352852		
"	1309	343 339	11 763	342030		
"	2462	333 956	11845	331 494		
sta			8376	325 580	sta H-2	C.S. MON
		END	SIDE	LINE		
"	1220	367 800		366580	*sta PT#4	Bt spk in Pvm't
TP	0583	357 073	11 310	356 490		
"	1407	347 399	11 081	345 992		
sta	0840	338 162	10 077	337 322	sta PT#5	Bt spk in Pvm't
TP	0775	327538	11 399	326 763		
"	0947	316 727	11 758	315 780		
sta			6782	309 945	*sta PT#6 AUX#3	Bt spk in Pvm't
		start	SIDE		LINE	
"	4325	314 270		309 945	*" PT#6 AUX 3	" "
TP	0742	303 552	11 460	302 810		
"	0322	292 084	11 790	291 762		

F. B. 2683 Pg. 186
Job No. 002164 Division No. 11 Notes Red. Plotted Profile
Survey of PB SUBSIDENCE Date Date No.
Survey by ACG Notes ACG Notes Chkd. Checked X-Sec.
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.	LINE 5	
		292 084				
Sta			10880	281 204	Sta I-2	2" IP
TP	9765	299572	2277	289 807		
Sta			0210	299362	" Blakesly	C.S. MON
		END	OF	SIDE	LINE	
Sta	0560	310 505		309 945	Sta PT#6 Aux 3	Bt spk
TP	0400	299262	11643	298 862		
"	1041	288 959	11344	287 918		
"	2182	280 559	10582	278 377		
"	1150	270199	11510	269049		
"			10162	260037 *		
		START		SIDE	LINE	
TP	6810	276 784	0225	269 974		
"	7597	283 986	0395	276 389		
"	9142	292 123	1 005	282 981		
"	10003	301 118	1 008	291 115		
"	10242	310 852	0508	300 610		
Sta			8343	302509	Sta P-4	C.S. MON
		END	OF	SIDE	LINE	
TP	1214	261 251		260 037 *		
"	1 680	251 806	11125	250 126		

Profile Notes Red. ____ Plotted ____ Job No. 20216 Division No. 11 F. B. 2683 Pg. 187
No. ____ Date ____ Date ____ Survey of P.B. Sanborn Ice
X-Sec. Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 1-15-62
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

H. E. OTL

76L-298 S & E #307—1-58

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STATION	B. S.	H. I.	F. S.	ELEV.		
		251 806				
TP	0798	241 681	10 923	240 883		
"	0878	232 162	10 397	231 284		
"	1228	222 583	10 807	221 355		
"	1028	213 252	10 359	212 224		
BM C	0467	203 424	10 295	202 957	BM C	Rd Dept MON
TP	7430	203 811	7 043	196 381		
TBM 34-17A			11 286	192 525	TBM 34-17A C-S MON	
		Start	SIDE	LINE		
TP	11 221	213 771	1261	202 550		
Sta			0915	212 856	Sta K-1	C S MON
		END	SIDE	LINE	& Run 1!	

F. B. 2683 Pg. 188 Job No. 0021 6d Division No. 11 Notes Red. Plotted Profile
Survey of P.B. SUBSIDENCE Date Date No. X-Sec.
Survey by ACG Notes ACG Notes Chkd. Checked No.
Indexed H. E. OTT Date Date Date

76L-298 S & E #307—1-56

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Zeiss #36280
Rods 21 & 22

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 1
P.B. #9	[illegible]	[illegible]		404 142	✓ P.B. #9 404.142 C.S. MON.
T.P.	6 450	411 573	3 39[illegible]	405 148	
[illegible] #5B	[illegible]	[illegible]	1 504	410 089	✓ C.S. MON P.I. # 5B
T.P.	1 [illegible]	412 922	[illegible]	410 993	
TBM #30	0 273	405 610	[illegible]	405 317	✓ BT. SPK. IN CULVERT
T.P.	[illegible]	[illegible] 844	5 [illegible]	400 226	
P.I. #4C	5 3[illegible]	[illegible]	[illegible]	405 90[illegible]	✓ C.S. MON.
T.P.	[illegible]	[illegible]	[illegible]	[illegible]	
T.P.			[illegible]	[illegible]	★ START SIDE LINE
"	8 760	428 865	0 3[illegible]	420 1[illegible]	
FRUIT TREE #1			[illegible]	[illegible]	✓ C.S. MON. END SIDE LINE
T.P.	5 629	424 892		419 26[illegible]	★
"	5 248	425 721	4 420	420 473	
"	2 [illegible]	[illegible]	4 2[illegible]	421 481	
SPH. G-7 RM #1			[illegible]	[illegible]	✓ MON
" G-7			3 133	[illegible]	✓ "
T.P.	1 233	413 544	11 570	412 311	
"	0 765	[illegible]	11 [illegible]	[illegible]	
"	0 340	392 115	11 [illegible]	391 775	
"	1 864	382 566	11 413	380 702	

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Job No. 00216 Division No. 11 Survey of PORTUGUES BEND LANDSLIDE Survey by GOIZADO Notes RDS Date 2-19-62 Map No. Indexed H. E. OTT Date MAR 5 '62

F. B. 2683 Pg. 189

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	[illegible] # 1
T.P		[illegible]			
P.I # 3	[illegible]	[illegible]	[illegible]	[illegible]	✓ C.S. MON
T.P	0 59[illegible]	[illegible]	11 [illegible]	3[illegible]	
"	[illegible]	[illegible]	11 [illegible]	350 [illegible]	
"	[illegible]	[illegible]	10 350	[illegible]	
"			[illegible]	335 [illegible]	* START [illegible] LINE
"	1 045	33[illegible]	11 269	330 [illegible]	
"	0 38[illegible]	320 102	11 370	319 [illegible]	
"	[illegible]	[illegible]	11 [illegible]	[illegible]	
"	[illegible]	[illegible]	[illegible]	[illegible]	
"	10 142	[illegible]	[illegible]	[illegible]	
SPH. H-7A ECC # 1			7 9[illegible]	288 182	✓ CS MON
SPH H-7A ECC # 2			7 91[illegible]	288243	✓ "
SPH H-7A ECC # 3			7 860	[illegible]	✓ "
SPH H-7A			7 745	[illegible]	✓ " END SIDE LINE
T.P.	2 530	337 769		335 [illegible]	*
"	1 414	327 593	11 590	[illegible] 179	
"	1 150	317 350	11 393	316 [illegible]	
"	1 [illegible]	307 [illegible]	11 317	306 033	
"	1 534	297 449	11 3[illegible]	295915	

F. B. 2683 PG. 190

Job No. 002164 Division No. 11 Notes Red. Plotted Profile

Survey of PORTUGUESE BEND LANDSLIDE Date Date No. X-Sec.

Survey by GUIZADO Notes RDS Notes Chkd. Checked Date No.

Indexed H. E. OTT Date 2-19-62 Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	[illegible]	
T.P.		[illegible]				
"	2 453	[illegible]	11 [illegible]	[illegible]		
"	[illegible]	281 [illegible]	7 383	281 137		
P.B. #10			[illegible]	[illegible]	✓ U.S. [illegible]	
T.P.	4 081	279 302	[illegible]	275 221		
"	[illegible]	[illegible]	10 [illegible]	[illegible]		
"	[illegible]	[illegible]	[illegible]	[illegible]		
"	1 [illegible]	[illegible]	[illegible] 420	249 583		
"	1 [illegible]	[illegible]	[illegible]	[illegible]		
"	[illegible]	[illegible]	[illegible]	[illegible] 148		
"	0 [illegible]	[illegible]	[illegible]	[illegible]		
W.F. #1	[illegible]	[illegible]	[illegible]	[illegible] 521	✓ SPK IN [illegible]	
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
P-4			11 [illegible]	[illegible]	U.S. [illegible] — (Line 5)	
	[illegible]	[illegible]	[illegible]	[illegible]		
	[illegible]	189 580	11 059	[illegible]		
	[illegible]	[illegible]	[illegible]	177 [illegible]		
T.BM #31			11 112	167 111	✓ L&T ELEV = 167.050	

Profile Notes Red. ____ Plotted ____ Job No. 002164 Division No. 11 F. B. 2[illegible] Pg. 191
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 2-19-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2683 Pg. 192 Job No. 002166 Division No. 11 Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76L-298 S & E #307—1-56

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ZEISS #26280
Rod 21 & 22

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5	
PB-9	4 932	409 074		404 142	PB.9	CS MON
TP	6 828	411 767	4135	404 939		
TP	6 000	413 673	4094	407 673		
PB-9B	1 669	411 422	3 920	409 753	PB-9B	SPK & Washer
TP	2 023	402 173	11 272	400150		
	1 175	392 106	11 242	390 931		
	0 627	380 911	11 822	380284		
	0 648	370 596	10 963	369 948		
	1 369	360 365	11 600	358 996		
SB #3	10 035	362 870	7 530	352 835	SB #3 ✓	SPK & W
	10 689	373 166	0 393	362 477		
	11 020	383 656	0 530	372 636		
SB #2	10 593	393 792	0 457	383 199	SB #2 ✓	SPK & W.
SB #1			5181	388 611	SB #1	"
SB #1-A			1 886	391 906	SB #1-A *	CS MON
T.P	8 348	400 610	1 530	392 262	BEGIN SIDE LINE	
West Fix			6 850	393 760	West Fix ✓	CS MON (END SIDE LINE
SB #1-A	7 878	399 784		391 906	SB #1-A *	CS MON
PT #2 AUX #3			7 829	391 955	PT #2 AUX 3 ✓	
TP	0 882	389 114	11 552	388232		

Profile Notes Red. Plotted Job No. 002164 Division No. 11 F. B. 2683 Pg. 193
No. Date Date Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by ACG Notes ACG Date 2-20-62
No. Date Date Map No. Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5	
		389 114				
T.P	0 274	377 886	11 502	377 612		
PT #4	0 967	367 393	11 460	366 426	★ PT #4	BT SPK
T.P.	0 580	356 712	11 261	356 132	(START SIDELINE)	
"	0 623	345 424	11 911	344 801		
	0 915	335 256	11 083	334 341		
H-2			9 824	325 432	H-2 (END SIDELINE)	CS. MON
T.P.	0 846	367 272		366 426	★	
"	0 232	355 606	11 898	355 374		
"	1 942	345 658	11 890	343 716		
PT-5			8 497	337 161	Pt-5	BT. SPK
TP	0 882	334 801	11 739	333 919		
"	0 383	323 243	11 941	322 860		
"	0 430	311 773	11 900	311 343		
PT#6 AUX#3			2 000	309 773	PT #6 AUX #3	BT. SPK /W
			11 855	299 918	★	
TP	1 621	313 045	0 349	311 424	START SIDELINE	
"	0 356	301 824	11 577	301 468		
	1 518	291 812	11 530	290 294		
I-2			10 979	280833	I-2	2" I.P & TAG

F. B. 2683 Pg. 194 Job No 0021.64 Division No 11 Notes Red Plotted Profile
Survey of P.B. LAND SLIDE Date Date No X-Sec.
Survey by GUIZADO Notes RDS Notes Chkd. Checked
Indexed H. E. OTT Date 2-21-62 Date Date No

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5	
		291 812				
T.P.	10 243	299 840	2 215	289 597		
BLAKESLEY			0 630	299 210	BLAKESLEY (END SIDELINE)	C.S MON
T.P	0 950	300 868		299 918	★	
"	0396	289296	11 968	288900		
"	0 842	280 178	7 960	279 336		
"	0 317	269 123	11 372	268 806		
"			9 996	259 127	★	
"	8 848	277 781	0 190	268 933	START SIDELINE	
"	7 598	280 192	5 187	272 594		
"	11 260	289 252	2 200	277 992		
"	10 576	299 077	0 751	288 501		
	11 891	309 839	1 119	297 958		
P-4			7 398	302 441	P-4 (END SIDELINE)	C.S. MON
T.P.	0 415	259 542		259 127	★	
	0 488	248 315	11 715	247 827		
	0 962	237 377	11 900	236 415		
	0 723	226 760	11 340	226 037		
	1 070	216 778	11 052	215 708		
	0571	205 869	11 480	205 298		
BM-Q			3 002	202 867	BM-Q	B.C. MON.

Profile Notes Red. Plotted Job No 02264 Division No. 11
No. X-Sec. Date Date Survey of P.B. LAND SLIDE F.B. 2683 Pg. 195
Notes Chkd. Checked Survey by GUZARD Notes RDS Date 2-21-62
No. Date Date Map No. Indexed H.E.O. Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5	
		205 869				
			5 346			
T.P	1 802	202 325		200523		
BM 34-17A			9 890	192435	BM 34-17A	
T.P	11 058	212 917	0466	201859		
"	5 077	216 016	1 978	210939		
K-1			3 253	212763	K-1 ✓	CSMON

F. B. 2683 Pg. 196 Job No. 002164 Division No. 11 Notes Red. Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
Survey by G.H. Notes RDS Notes Chkd. Checked No.
Indexed Date 2-21-62 Date Date

761-298 S & E #307—1-56

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ZEISS 26280
EOD 21822

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 4	
TBM #34-15A	3 051	234 038		230 987	TBM #34-15A 230.987	
			6 180			
T.P	3 568	231 426		227 858		
"	3 772	229 154	6 044	225 382		
"	3 389	226 272	6 271	222 883		
"	2 439	220 680	8 030	218 242		
"	3 565	216 334	7 911	212 769		
TBM 50-13A	3 502	213 893	5 943	210 391	TBM 50-13A	SKK & TIN IN CB
T.P	3 771	210 904	6 760	207 133		
BM 50-13			2 875	208 029	BM 50-13 ✓	C S MON
T.P.	3 920	208 052	6 772	204 132		
TBM #15			10 913	197 139	TBM #15	BT SPK IN CULVERT
T.P.	11 407	212 342	7 117	200 935		
RADIAL #2 FCC #1	9 711	218 443	3 610	208 732	RADIAL # 2 FCC #1 ✓	C S MON
J-4	6 758	221 743	3 458	214 985	J-4 ✓	C S MON
			10 345	211 398	J-3 ✓	C S MON
T.P.	0 266	210 115	11 894	209 849		
"			9 319	200 796	J-1 ✓	3/4" I.P W/CAP
"	10 781	220 281	0 615	209 500		
"	11 358	231 458	0 181	220 100		
J-1A	1 035	231 301	1 192	230 266	J-1A ✓	C S MON

Profile Notes Red. Plotted Job No 22264 Division No 11 F. B. 2683 Pg. 197
No X-Sec. Date Date Survey of P.B. LAND SLIDE
No Notes Chkd. Checked Survey by SUAZO Notes T.D.S. Date 2-21-62
Date Date Map No. Indexed H.E. OIL Date

76L-298 S & E #307—1-56

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F. B. 2683 Pg. 198 Job No. 0021.6 Division No. 11 Notes Red. Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
Survey by GUIARD Notes RDS Notes Chkd. Checked No.
Indexed H.E. OTT Date 2-21-62 Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 4	
		231 301				
			11.489			
T.P.	0468	220280		219812		
"	0242	209 378	11 144	209136		
"	0648	198630	11.396	197982		
"	0364	188 859	10 135	188495	★	
"	10434	192590	6703	182 156		
"	8686	200642	9 634	191956		
BM 34-17A			8 140	192502	BM 34-17A ✓	C.S. MON
	11 043	199538		188 495	★ (START SIDE LINE)	
T.P.	0627	189574	10 591	188947		
"	0764	179003	11.335	178239		
"	0367	168637	10 733	168270		
"	0467	158042	11 062	157575		
"	1018	148055	11 005	147037		
"	0844	137819	11 080	136975		
T.B.M # 25			11 131	126688	TBM #25 ✓ (END SIDELINE)	SPK IN CULVERT
BM 34-17A	5016	197518		192 502	BM 34-17A ✓	C.S. MON
T.P.	4 689	197759	4448	193070		(2-23-62)
"	6077	197685	6 151	191 608		
"	1390	190024	9 051	188634		

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #4	
		190 024				
T.P.	0 689	179 738	10 975	179 049		
"	0 321	170 946	9 113	170 625		
BM #34-18			2 259	168 687	BM 34-18 ✓	C.S MON.
			10 352	160 594	★	
T.P.	10 190	180 623	0 513	170 433	(START SIDE LINE)	
	8 957	188 465	1 115	179 508		
	6 939	193 945	1 459	187 006		
P-3A			3 509	190 436	P-3A. (END SIDE LINE)	C.S. MON.
T.P.	1 659	162 253		160 594	★	
P-3	6 226	164 309	4 170	158 083	P-3 ✓	L & TAG
T.P.	5 456	166 013	3 752	160 557		
	5 587	167 474	4 126	161 887		
P-2	7 100	170 518	4 056	163 418	P-2 ✓	L & TAG
TBM #31			3 400	167 118	TBM #31 ✓	L & T ELEV=167.050

Profile Notes Red. Plotted Job No. Division No.
No. X-Sec. Date Date Survey of P.B. LAND SLIDE
No. Notes Chkd. Checked Survey by GUZARDO Notes R.D.S. Date 2-23-62
Date Date Map No. Indexed H.E. O.K. Date
F. B. 2683 Pg. 199

F. B. 2683 Pg. 200 Job No. 002146 Division No. 11 Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

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ZEISS 26280
Rods 21822

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5 (RERUN)	
PB#9	4 967	409 109		404 142	PB # 9	C.S. MON
T.P	6 318	411 923	3 504	405 605		
"	5 899	413 629	4 193	407 730		
PB 9B	2 215	411 969	3 875	409 754	PB-9B	BT SPK & W.
TP	0 461	400 663	11 767	400 202		
"	1 265	390 095	11 836	388 827		
"	0 750	379 579	11 266	378 829		
"	0 641	369 365	11 855	367 724		
	1 268	358 173	11 460	356 905		
SB # 3	11 237	364 090	5 320	352 853	SB # 3	SPK & W.
TP	11 311	374 705	0 696	363 394		
"	10 602	385 116	0 191	374 514		
SB # 2	11 055	394 274	1 897	383 219	SB # 2	SPK & W.
SB # 1			5 656	388 618	SB # 1	
SB # 1A			2 361	391 913	★ SB 1A	
TP	11 522	401 129	4 667	389 607	START SIDELINE	
"	0 557	390 874	10 812	390 317		
"	5 825	387 889	8 810	382 064		
"	6 176	391 603	2 462	385 427		
"	4 966	394 394	2 175	389 428		
"	5 415	397 956	1 853	392 541		

Profile Notes Red. Plotted Job No 2021.64 Division No. 11
No. X-Sec. Date Date Survey of PB LANDSLIDE F. B. 2683 Pg. 201
No Notes Chkd. Checked Survey by GUIZADO Notes RSS Date 2-26-64
Date Date Map No. Indexed H. E. OTT Date

76L-298 S & E #307—1-58

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F. B. 2683 Pg. 202 Job No 002164 Division No 11 Notes Red. Plotted Profile
Survey of P.B. LAND SLIDE Date No. X-Sec.
Survey by GUIZADO Notes RDS Notes Chkd. Checked
Indexed H.E. OTT Date 2-26-62 Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 5	
		397 956				
			4 152	393804	WEST FIX. (END SIDELINE)	CS. MON.
SB-1A	7598	399511		391 913	★ SB-1A ✓	
PT # 2 AUX # 3			7557	391 954	PT # 2 AUX # 3 ✓	
PT	0838	390257	10 092	389419		
"	1213	381457	10 013	380244		
"	2060	374704	8813	372644		
PT # 4	3456	369874	8286	366418	★ PT # 4 ✓	SPK & W.
PT	1088	361905	9057	360817	START SIDELINE	
"	0930	352047	10 698	351217		
"	0695	341199	11.543	340504		
"	3106	333032	11 273	329926		
H-2			7597	325435	H-2 END SIDELINE ✓	CS MON
PT # 4	1954	368372		366418	★ PT # 4 ✓	
PT	1378	358099	11 651	356721		
"	0922	347305	11 716	346383		
P-5	1893	339057	10 147	337158	P-5 ✓	SPK & W.
TP	1033	328734	11 350	327701		
	0756	318352	11 139	317596		
PT # 6 AUX # 3	6605	316377	8580	309772	★ PT # 6 AUX # 3 ✓	SPK & W.
	0992	309468	7901	308476	START SIDE LINE	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5	
		309 468				
	1 870	301 117	10 221	299 247		
	1 402	291 700	10 819	290 298		
I-2			10 890	280 810	I-2 ✓	2" I.P & TAG
	12 001	301 595	2 106	289 594		
BLAKESLEY			2 370	299 225	✓ BLAKESLEY (END SIDELINE)	C.S MON
PT #6 AUX #3	3 355	313 127		309 772	★ PT #6 AUX #3 ✓	
TP	0 230	302 132	11 225	301 902		
"	1 213	291 462	11 883	290 249		
"	3 502	283 010	11 954	279 508		
"	1 730	273 688	11 052	271 958		
"	1 721	263 634	11 775	261 913		
"	1 938	253 858	11 714	251 920	(FOR STA P-1 SEE pg 195) ads	
	1 382	244 977	10 263	243 595		
	0 748	235 579	10 146	234 831		
	1 097	224 808	11 868	223 711		
	2 800	218 668	8 940	215 868		
	1 364	211 291	8 741	209 927		
BM C	0 350	203 246	8 395	202 896	BM C ✓	B.C. MON
			10 770	192 476	BM 34-17A	
					(FOR STA K-1 SEE pg 196) ads	

Profile Notes Red. ____ Plotted ____ Job No. 002164 Division No. 11 F. B. 2683 Pg. 203
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by GUIZARD Notes RDS Date 2-26-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2683 Pg. 204 Job No. 20216 Division No. 11 Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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Profile No. ____ Notes Rod. ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of P.B. LAND SLIDE F.B. 2683 Pg. 205
Notes Chkd. ____ Checked ____ Survey by GUTIERREZ Notes RDS Date 2-26-62
Date ____ Date ____ Map No. ____ Indexed H.E. OTT Date ____

Zone 26280
Rod 21822

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #6	
BM 50-9	9 320	1008723		999 403	BM 50-9	C.S. MON
T.P	0 441	998 732	10 432	998 291		
"	0 989	988 247	11 474	987 258		
"	0 514	977 506	11 255	976 992		
"	0 529	968 695	9 340	968 166		
"	1 006	958 733	10 968	957 727		
TBM #11	3 010	950 232	11 511	947 222	TBM #11	SPK IN CULVERT
	1 504	940 576	11 160	939 072		
Z-1	1 509	936 834	5 251	935 325	STA. Z-1	C.S MON
T.P	1 894	928 121	10 607	926 227		
"	1 003	919 754	9 370	918 751		
"	1 238	909 274	11 718	908 036		
"	0 411	899 580	10 105	899 169		
"	1 690	889 480	11 790	887 790		
"	0 658	880 459	9 679	879 801		
"	0 435	869 626	11 268	869 191		
BM 50-10	5 440	863 566	11 500	858 126	BM 50-10	C.S MON
TP	0 494	853 793	10 267	853 299		
"	0 284	843 336	10 741	843 052		
"	0 425	831 841	11 920	831 416		
"	2 057	823 328	10 570	821 271		

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 6	
		823 328				
TP	0 417	812345	11 400	811928		
"	0 801	802087	11 059	801286		
Y-4			8 172	793915	Y-4	2" I.P.
TP	0 926	791197	11 816	790271		
"	5554	786711	10 040	781157		
TBM # 12			9 555	777156	TBM # 12	SPK IN H.H.
TP	0 895	777057	10 549	776162		
"	0 285	765745	11 597	765460		
"	1 023	755701	11 067	754678		
"	0 327	745224	10 804	744897		
"	0 327	734779	10 772	734452		
"	0 449	723426	11 802	722977		
"	0 952	713426	10 952	712474		
"	0 222	702368	11 280	702146		
"	0 975	691536	11 807	690561		
"	2 097	681950	11 683	679853		
TBM # 13			5 936	676014	TBM # 13	SPK IN CULVERT
TP	1 706	672894	10 762	671188		
"	0 734	661960	11 668	661226		
"	2 027	653933	10 054	651906		

F. B. 2683 Pg. 206 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile
Survey of P.B. LAND SLIDE Date Date No. X-Sec.
Survey by GUIZADO Notes RDS Notes Chkd. Checked
Indexed H. E. OTT Date 2-26-62 Date Date No.

Profile	Notes Red.	Plotted	Job No. 002164	Division No. 11	F. B. 2683 Pg. 207
No.	Date	Date	Survey of P.B. LAND SLIDE		
X-Sec.	Notes Chkd.	Checked	Survey by GUIZADO	Notes RDS	Date 2-26-62
No.	Date	Date	Map No.	Indexed H. E. OTT	Date

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #6	
BM 50-11		653933	6355	647578	BM 50-11	CS MON

F. B. 2683 Pg. 208 Job No. 00216 Division No. 11 Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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ZEISS 26260
Rod 21E28

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2	
PB-9B	7 262	417 016		409 754	PB 9B	SPK & W PER pgs 193 & 201
TP	6 871	420799	3 088	413928		
PB 9A			6 623	414 176	P.B 9A	SPK & W
TP	9 944	427283	3 460	417339		
"			7 283	420000 ★		
"	11 509	438398	0 394	426889	START SIDE LINE	
"	11 203	447326	2 275	436123		
B-1C			5 018	442308	B-1C (END SIDE LINE)	C.S. MON
TP	2 451	422 451		420 000 ★		
"	0 947	413158	10 240	412211		
PT #1			4 310	408848	PT #1	SPK & W
B-1B			5801	407357	B-1B	C.S. MON
T.P.	6 402	412198	7362	405796		
B-1			5 878	406320	B-1	C.S. MON
TP	0 623	404 886	7 935	404 263		
"	0 768	394 239	11 415	393 471		
"	0 361	384 418	10 182	384 057		
"	0 536	373 650	11 304	373 114		
"	1 256	365 876	9 030	364 620		
"	0 563	354 747	11 692	354 184		
"	4 545	347 516	11 776	342 971		

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Job No. 002166 Division No. 11 F. B. 2683 Pg. 209
X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey of P.B. LANDSLIDE Survey by GUIZADO Notes RDS Date 2-27-62
Date ____ Date ____ Map No. ____ Indexed ____ H. E. OTT Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2	
		347 516				
50-12			7 850	339666	50-12	C S MON
TP	10 601	357388	0 729	346 787		
"	10 483	367301	0 570	356 818		
"			6 312	360989	★	
TP	10 405	377494	0 212	367 089	START SIDE LINE.	
"	10 589	387562	0 521	376 973		
"	7 840	394 012	1 390	386 172		
DAVIS			2 767	391 245	DAVIS (END SIDE LINE)	C.S MON
TP	6 551	367540		360 989	★	
"	5 082	364 642	7 980	359 560		
RADIAL #1	6 031	364 608	6 065	358 577	RADIAL #1	C.S. MON
TP	1 291	355021	10 878	353 730		
"	0 220	344361	10 880	344 141		
"	0 822	334 574	10 609	333 752		
"	2 822	326 227	11 169	323 405		
A-3			5 100	321 127	A-3	C.S MON
TP	4 275	326550	3 952	322 275	A-4	" " "
"	6 750	322535	10 765	315 785	G-1	" " "
"	2 900	316695	8 740	313 795		
SHIELDS	3 880	314 277	6 298	310 397	SHIELDS	C S MON

F. B. 2683 PG. 210
Job No. 0021.64 Division No. 11
Survey of P.B. LAND SLIDE
Survey by G. Izaoo Notes R.D.S.
Indexed H. E. OTT Date 2-27-62
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.	LINE # 2	
		314 277				
TP	1 892	311 959	4 210	310067		
"	0597	302 765	9 791	302168		
"	0520	291642	11 643	291122		
"	0 560	281 194	11 008	280634		
"	0 815	271 085	10924	270270		
"	0 679	260 970	10 794	260291		
"	0 420	250 317	11 073	249897		
	0 586	238 995	11 908	238409		
	0 628	228337	11 286	227709		
	0402	217 166	11 573	216764		
	1 492	207 400	11 258	205908		
J-5			8 799	198601	J-5	C.S. MON
	1 491	200641	8 250	199150		
TBM #15	11 121	208 312	3 450	197191	TBM # 15	PK IN CULVERT
	7 578	211 668	4 222	204090		
BM50-13	5280	213381	3 567	208101	BM 50-13	C.S MON
BM50-13A			2 923	210458	BM 50-13A	spk & tin in So. curb

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 002166 Division No. 11 F. B. 2683 Pg. 211
X-Sec. No. ____ Date ____ Date ____ Survey of P.B. LAND SLIDE
Notes Chkd. ____ Checked ____ Survey by GUIZADO Notes RDS Date 2-27-62
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2683 Pg. 212 Job No. 2021. 6E Division No. 11 Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76L-298 S & E #307—1-56

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ZEISS #26280
Rod 21422

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 3	
TBM 34-15A	0 473	231460		230 987	TBM 34-15A	
TP	0 622	220241	11.841	219 619		
"	2 771	213786	9226	211015		
"	3 945	211153	6 578	207208		
K-13	2 190	203 987	9 356	201797	K-13	2" I.P
T.P	1 038	194044	10 981	193006		
"	1 011	184008	11 047	182997		
K-10A	3 197	175917	11 288	172720	K-10 A	SPK & W
K-10C			7 738	168179	K-10 C	L & T
K-10			8 620	167297	K-10	1" I P
	3 891	168709	11 099	164818		
K-9A			5203	163506	K-9A	SPK & W
K-9B			6 830	161879	K-9B	2" I.P.
K-9			9 438	159271	K-9	1" I.P.
K-8A	2 968	160 799	10.878	157831	K-8A	SPK & W
K-8B			5 332	155467	K-8B	2" I.P. W SPK
T.P	0 891	149800	11 890	148909		
"	0412	140686	9 526	140274		
"	10922	140030	11 578	129108	*	
K-5			4 008	136022	K-5 SIDE LINE.	C.S MON

Profile Notes Rod Plotted Job No 2024.66 Division No 11 F. B. 2663 Pg. 213
No X-Sec. Date Date Survey of P.B. LANDSLIDE
Notes Chkd Checked Survey by GUIZADO Notes by RDS Date 2-28-67
No Date Date Map No Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #3	
	0 420	129 528		129 108	★	
T.P	1 035	118 731	11 832	117 696		
W-3			8 130	110 601	W-3	C.S MON
T.P	1 318	108 481	11 568	107 163		
K-5 AUX			6 723	101 758	K-5 AUX	C.S MON
T.P.	0 742	97 941	11 282	97 199		
	0 383	86 741	11 583	86 358		
K-4			10 860	75 881	K-4	C.S. MON
T.P	0 659	75 541	11 859	74 882		
"	1 022	64 755	11 808	63 733		
"	4 875	61 072	8 558	56 197		
TBM #28			3 973	57 099	TBM #28	SPK IN CONC
K-3A			6 847	54 225	K-3A	C.S MON.
TP	0 527	50 031	11 568	49 504		
	3 125	44 074	9 082	40 949		
K-2A			7 182	36 892	K-2A	2" I. P.
T.P.	1 164	36 218	9 030	35 044	★	
"	4 202	34 799	5 621	30 597	START SIDELINE	
"	0 375	26 411	8 763	26 036		
	0 783	18 408	8 786	17 625		
P.B #1			10 784	7 624	PB #1 END SIDE LINE	C.S MON.

F. B. 2683 PG. 214 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
Survey by GUIZADO Notes RDS Notes Chkd. Checked
Indexed H. E. OTT Date 2-28-62 Date Date No.

76L-298 S & E #307—1-56

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P

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 3	
T.P.	1 029	36 073		35 044	*	
"	0 472	25 455	11 090	24 983		
"	3 522	17 013	11 964	13 491		
"	3 913	15 528	5 398	11 615		
"	4 090	15 708	3 910	11 618		
"	4 661	9 397	10 972	4 736		
P.B # 6A	7 450	7 775	9 072	0 325	P.B # 6A	SPK IN ROCK
T.P.	4 878	7 691	4 962	2 813		
"	5 260	9 116	3 835	3 856		
"	5 082	9 678	4 520	4 596		
P.B # 8			1 675	8 003	P.B # 8	SPK IN ROCK

Profile Notes Red. ____ Plotted ____ Job No. 2021.64 Division No. 11 F. B. 2683 Pg. 215
No. ____ Date ____ Date ____ Survey of P.B LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by GUIZADO No. H. E. 8 Date 2-28-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. 8 Date ____

F. B. 2683 Pg. 216 Job No. 2021.64 Division No. 11 Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd Checked X-Sec.

Indexed Date Date Date No.

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

76L-293 S & E #307—1-56

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76L-298 S & E #307—1-56

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Zeiss # 26280
Rod #s 24022

STATION	B. S.	H. I.	F. S.	ELEV.	LINE 1	
PB #9	4750	408 892		404 142	PB #9 ✓	MON
TP	7076	412 787	3231	405 661		
PI #5B	5202	415 297	2642	410 095	PI 5B ✓ ✓	MON
TP	1 010	410 316	5991	409 306		
TBM #30	0 403	405 729	4990	405 326	TBM #30 ✓	SPK in culv.
TP	7455	408 136	5048	400 681		
PI #4C	4784	410 700	2220	405 916	PI #4C ✓ ✓	MON
TP	10343	420 773	0270	410 430		
			1940	418 833 ✱		
	BEGIN		SIDE		LINE	
TP	9732	429 760	0 745	420 028	✓	
FT #1			5262	424 498	FRUIT TREE #1 ✓	MON
	END		SIDE		LINE	
TP	6621	425 454		418 833 ✱		
TP	5649	426 065	5038	420 416		
TP	4699	426 516	4248	421 817		
SPH G-7 RM #1			4843	421 673	SPH G7 RM #1 ✓ ✓	MON
SPH G-7			5773	420 743	SPH G7 ✓	"
TP	2280	418 301	10 495	416 021		
TP	2779	409 552	11 528	406 773		
TP	0278	398 062	11 768	397 784		

Profile
No. X-Sec.
Notes Red. Plotted Job No 20216 Division No. 11
Date Date Survey of BELLFLOWER BLVD. LAKEWOOD
Notes Chkd. Checked Survey by ACE Notes ACE Date 3-28-62
No. Date Date Map No. Indexed H. F. OTT Date
F. B. 2683 Pg. 317

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(13)

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F. B. 2683 Pg. 218 Job No 002164 Division No. 11 Profile
Survey of D.B. LANDSLIDE No. X-Sec.
Survey by ACE Notes ACE Plotted Date
Indexed H. E. OTT Date Notes Chkd. Checked Date
Notes Red. Date No. Date

STATION	B. S.	H. I.	F. S.	ELEV.		
		398 062				
TP	0298	386999	11 361	386701		
TP	2070	380636	8 438	378566		
PI #3	1 253	374 259	7630	373 006	PI #3	MON
TP	0 447	363 275	11 431	362828		
TP	0 775	353 120	10.930	352345		
TP	0372	341 672	11 820	341 300		
TP	0 698	335 945	6425	335247 *		
		BEGIN SIDE		LINE		
TP	0310	325 098	11 157	324788		
TP	0438	313 782	11 754	313344		
TP	0632	304020	10394	303388		
TP	0717	294 608	10 129	293 891		
TP	10809	296 576	8841	285 767		
SPH H-7A			8153	288 423	SPH H-7A	MON
" Ecc 1			8389	288 187	" Ecc 1	
" 2			8329	288 247	" " 2	
" 3			8279	288 297	" " 3 END "SIDE" LINE	
TP	1 244	336 491		335247 *		
	0635	327 267	9859	326 632		
	0762	316 552	11 477	315 790		

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(P)

STATION	B. S.	H. I.	F. S.	ELEV.	LINE 1	
		316 552				
TP	1509	307 094	10967	305 585		
TP	0554	296 798	10850	296 244		
TP	1550	286 886	11 462	285 336		
PB#10			7255	279 631	PB#10 ✓	MON
TP	4751	281 628	10 009	276 877		
TP	0611	272336	9903	271 725		
TP	0690	262039	10 987	261 349		
TP	0600	251 527	11 112	250927		
TP	0 523	241 977	10 073	241 454		
TP	0 691	232 075	10593	231 384		
TP	0 570	221 927	10 718	221.357		
WF#1	6842	217 379	11 390	210 537	✓	
TP	1 773	209 722	9430	207 949		
P-1			10404	199 318	P-1 ✓	MON
TP	0 410	200 032	10 100	199 622		
TP	0 856	190 776	10 112	189 920		
TP	0 938	181 632	10 082	180 694		
TP	3606	174 857	10 381	171 251		
TBM #31			7726	167 131	TBM #31 ✓	L&t in cb.

Profile Notes Red. ____ Plotted ____ Job No. 002164 Division No. 11 F. B. 2683 Pg. 219
No. ____ Date ____ Date ____ Survey of PB LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by AEG Notes AEG Date 3-28-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2683 Pg. 220 Job No 2021.64 Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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Zeiss 26280

STATION	B. S.	H. I.	F. S.	ELEV.	LINE 4	
TBM 34-15A	2 702	233 689		230 987		Bt. spk in ab
TP	3 782	231 332	6139	227 550		
TP	3 182	227624	6890	224442		
TP	2 261	222895	6990	220634		
TP	3328	217 308	8915	213 980		
TBM50-13 A	3540	213 919	6929	210 379	TBM 50-13A	spk & Tm
BM 50-13			5895	208024	BM 50-13	MON
T.P.	2 631	210 655	8 214	202 441		
TBM 15	5 027	207 468	10 381	197 087	TBM 15	SPK. IN CULVERT
TP			1890	205 578		
TP	10845	216 423	5621	210 802		
RAD #2 ECC.1	8 072	218 874	10 360	208 514	RAD. 2 ECC. 1	3/4" I.P.
TP			4404	214 470		
J-4	3 923	218 393	3 602	214 791	J-4	MON
J-3	1 966	216 757	5656	211 101	J-3	MON
T.P.	11 340	222 441	11 059	211 382		
J-1	1097	212 479	11 982	200 497	J-1	3/4" I.P.
TP	9729	210 226	0350	209 876		
TP	10702	220 578	0352	220 226		
TP	10 817	231 043	2860	228 183		

Profile Notes Red. Plotted Job No. 002164 Division No. 11 F. B. 2683 Pg. 221
No. Date Date Survey of Portuguese Bend Landslide
X-Sec. Notes Chkd. Checked Survey by ACG Notes ACG Date 3-29-62
No. Date Date Map No. Indexed H. E. OTT Date

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F. B. 2683 Pg 222 | Job No 0021.64 | Division No. 11 | Notes Red. | Plotted | Profile
Survey of PORTUGUESE BEND LANDSLIDE Date 3-29-62 | No. | X-Sec.
Survey by A. E. OTT | Notes K.M. | Notes Chkd. | Checked
Indexed | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE 4 CONT.	
TP	11933	240 116		228 183		
J-1-A	3020	233 035	10101	230015	J-1A ✓	MON
TP	0489	222 893	10631	222404		
TP	1204	213 828	10269	212 624		
TP	1913	205 415	10326	203502		
TP	4752	199 254	10913	194 502	* BEGIN SIDE LINE	
TP	0900	189 692	10462	188 792		
TP	1215	179 286	11621	178 071		
TP	0767	168 836	11217	168 069		
TP	0608	157 942	11502	157 334		
TP	1271	148 051	11162	146 780		
TP	1098	138 019	11130	136921		
T.B.M. 25			11348	126 671	T.B.M. 25 ✓	SPK (END SIDE LINE)
TP	1382	195 884		194 502 *		
TP	9123	193 257	11750	184 134		
T.P.	9582	199 848	2991	190 266		
BM. 34-17A	4510	196 915	7443	192405	BM. 34-17A ✓	
TP	4820	197 844	3891	193024		
TP	4502	196184	6162	191682		
TP	0626	186953	9857	186327		
TP			11950	175003		

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE 4 CONT.	
TP	0973	175 976		175 003		
BM 34-18			7362	168614	BM 34-18 ✓	MON.
T.P.			11362	164614*	TO COME BACK ON	
T.P.	10697	182650	4023	171953*	BEGIN SIDE LINE	
TP	7970	189 937	0683	181 967		
TP	7117	194 241	2813	187 124	*	
PB-3A			3856	190385	P-3A ✓	MON {END SIDE LINE}
	1268	165 882		164614*		
TP	5746	162 878	8750	157132		
P-3	6600	164 616	4862	158016	P-3 ✓	L&T
TP	6162	166650	4128	160488		
TP	6203	167 993	4860	161790		
P-2	7095	170 437	4651	163342	P-2 ✓ ✓	L&TAG.
TBM-31			3390	167 047	T.B.M.-31 ELEV. 167.050	L&T

Profile Notes Red. Plotted Job No. Division No.
No. X-Sec. Date Date Survey of PORTUGUESE BEND LANDSLIDE
No. Notes Chkd. Checked Survey by A.C.E. Notes K.V. Date 3-29-62
No. Date Date Map No. Indexed H. E. OTT Date

F. B. 2683 Pg. 223

F. B. 2683 Pg. 224

Job No. 2021.64 Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE 3	
BM 34-15A	0 771	231 758		230987	BM 34-15A	SPK. IN CB.
TP	0 820	221 462	11116	220642		
TP	3 000	213 977	10485	210977		
TP	4 098	211 308	6767	207210		
K-13	2 702	204 502	9508	201800	K-13	SPK. IN 2" IP
TP	1 270	195 239	10533	193969		
TP	1 135	186 299	10075	185 164		
TP	0 809	177 081	10027	176 272		
K-10A			4352	172729	K-10A	SPK IN PVM'T.
K-10B			7430	169 651	K-10B	SPK IN 2" IP
K-10C			8890	168 191	K-10C	L&T IN CONC. CB.
K-10			9774	167 307	K-10	SPK OVER 1" IP
TP	2289	170 526	8844	168 237		
K-9A			7014	163512	K-9A	SPK. IN PAVM'T.
K-9B			8644	161 882	K-9B	SPK. IN 2" IP.
K-9	2780	162 059	11 247	159 279	K-9	3/4" IP Σ ENGR'S TAG.
K-8A			4226	157 833	K-8A	SPK IN PAVM'T.
K-8B			6590	155469	K-8B	SPK. IN 2" IP.
TP	1 323	151 455	11 927	150132		
TP	1 401	141 923	10933	140522	TP	
TP			10442	131 481	*TP BEGIN SIDE LINE	

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 0021.64 Division No. Survey of PORTUGUESE BEND LANDSLIDE Survey by A.C.G. Notes K.M. Date 3-29-62 Map No. Indexed H. E. OTT Date

F. B. 2683 Pg. 225

76L-298 S & E #307—1-56

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F. B. 2683 Pg. 226 | Job No. 0021.04 | Division No. | Profile
Survey of PORTUGUESE BEND LANDSLIDE Date 3-29-62 Date | No. | X-Sec.
Survey by AGG Notes K MYERS Notes Chkd. | Checked
Indexed H.E. OTT Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE 3 CONT.	
TP	10409	141 890		131 481	*TP BEGIN SIDE LINE	
K-5			5878	136 012	K-5 ✓	C.S. MON. (END SIDE LINE)
	0955	132436		131 481	*	
TP	0970	121 466	11940	120496	TP	
TP	3168	113 165	11469	109997	TP	
W-3			2577	110 588	W-3 ✓	C.S. MON.
TP	2973	106 488	9650	103 515	TP	
K-5AUX			4733	101 755	K-5 AUX.	C.S. MON.
TP	0369	96658	10199	96 289	TP	
TP	0498	86 090	11066	85592	TP	
K-4	0618	76 248	10460	75630	K-4 ✓	C.S. MON.
TP	1497	67 278	10467	65781	TP	
TP	1969	60009	9238	58040	TP	
T.B.M. 28			3021	56988	TBM. 28 ✓	SPK. IN. CONC.
K-3A	2298	56 534	5773	54236	K-3A ✓	C.S. MON.
TP	0661	45 662	11533	45 001	TP	
TP	4569	39 833	10398	35264	TP	
K-2A			2854	36979	K-2A ✓	SPK. IN 2" I.P.
TP	6369	36 634	9568	30265	* BEGIN SIDE LINE	
TP	3302	34339	5597	31 037	TP	
TP			11690	22649	TP	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE 3 CONT.	
TP	2183	24832		22 649	TP	
TP	1147	18 962	7017	17 815	TP	
P.B.-1			11300	7 662	P.B.-1	C.S. MON.
TP	1422	31 687		30 265	* T.P.	
TP	0838	22 335	10190	21 497	TP	
TP	5125	17 200	10260	12 075	T.P.	
TP	3962	15 307	5855	11 345	TP	
TP	3468	16 105	2670	12 637	TP	
TP	9919	22 628	3396	12 709	TP	
TP	2923	25 131	0420	22 208	TP	
TP	1359	14 720	11770	13 361	TP	
TP	4295	7 370	11645	3075	TP	
P.B. 6-A			7028	0342	P.B.-6A	SPK. IN ROCK
TP	3792	7 954	3208	4 162	TP	
TP	5001	8 425	4530	3424	TP	
TP	4950	9 305	4070	4355	TP	
PB-8			1280	8025	P.B.-8	SPK. IN ROCK

Profile Notes Red. Plotted Job No 0021.5A Division No.
No. X-Sec. Date Date Survey of PORTUGUESE BEND LANDSLIDE
No. Notes Chkd. Checked Survey by A.C.E. Notes K.M. Date 3-29-62
Date Date Map No. Indexed H. E. Date

F. B. 2683 Pg 227

F. B. 2683 Pg. 228

Job No 02216 Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE 6	
BM 50-9	8 939	1008 342		999 403	BM 50-9 ✓	C.S. MON
TP	0 964	997 448	11 858	996 484		
TP	1 001	986 741	11 708	985 740		
TP	1 062	975 929	11 874	974 867		
TP	1 226	965 817	11 338	964 591		
TP	2 302	956 187	11 932	953 885		
TBM #11			8 972	947 215	TBM #11 ✓	PK in Hd wall
T P	0 602	945 686	11 103	945 084		
Z -1	1 490	936 793	10 383	935 303	Sta Z-1 ✓	CS MON
TP	0 992	926 617	11 168	925 625		
TP	0 283	915 062	11 898	914 779		
TP	1 643	904 746	11 959	903 103		
TP	0 347	894 333	10 760	893 986		
TP	0 848	883 399	11 782	882 551		
TP	0 950	873 343	11 006	872 393		
TP	1 243	863 884	10 702	862 641		
BM 50-10			5 767	858 117	BM 50-10 ✓	CS MON
TP	1 597	854 460	11 021	852 863		
TP	1 102	843 660	11 902	842 558		
TP	0 225	832 503	11 382	832 278		
TP	0 881	821 922	11 462	821 041		

Profile Notes Red. Plotted Job No. 62164 Division No. 11
No. X-Sec. Date Date Survey of PORTUGUESE BEND LANDSLIDE F.B. 2683 Pg. 229
Notes Chkd. Checked Survey by RCG Notes RCG Date 3-30-42
No. Date Date Map No. Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		821 922				
TP	1 902	812 246	11 578	810 344		
TP	2170	802 911	11 505	800 741		
STA Y-4			9023	793 888	STA Y-4	2" IP & BT spk
TP	1 494	793 170	11 235	791 676		
TP	3 243	784 725	11 688	781 482		
TBM #12			7591	~~774 134~~ 777 134	TBM #12	PK in Hd. Wall
TP	1 963	775 346	11 342	773 383		
TP	0638	764 231	11 753	763 593		
TP	0223	752 763	11 691	752 540		
TP	0209	741 545	11 427	741 336		
TP	0602	730 836	11 311	730 234		
TP	0486	719 683	11 639	719 197		
TP	0339	708 282	11 740	707 943		
TP	0740	697 030	11 992	696 290		
TP	1268	686 624	11 674	685 356		
TBM #13	1 519	677 520	10 623	676 001	TBM #13	spk in culv
TP	1 173	667 054	11 639	665 881		
TP	2 669	657 907	11 816	655 238		
BM 50-11			10 342	647 565	BM 50-11	E.S. MON

F. B. 2683 PG. 230 Job No. 002164 Division No. 11 Notes Red. Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date Date No. X-Sec.
Survey by ACG Notes ACG Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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Profile No. X-Sec. No.
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Job No. 22464 Division No. 11
Survey of Benchlevel Bend Inundation
Survey by ACG Notes ACG Date 3-30-62
Map No. Indexed H.E.Ott Date
F. B. 2683 Pg. 231

STATION	B. S.	H. I.	F. S.	ELEV.	LINE 5	
PB#9	4995	409137		404142	PB#9 ✓	CS MON
TP	6438	411372	4203	404934		
TP	6019	413427	3964	407408		
PB#9B	1880	411663	3648	409779	✓	
TP	0551	400448	11766	399897		
|	0377	389541	11284	389164		
|	0867	379053	11355	378186		
|	0709	367793	11969	367084		
|	0693	356734	11752	356041		
SB#3			3862	352872	✓	
TP	10599	366555	0778	355956	SB#3 ✓	Spk & Tin
TP	10483	376546	0492	366063		
TP	10449	386360	0635	375911		
SB#2	8602	391853	3109	383251	SB#2 ✓	Spk & Tin
SB#1	5823	394448	3228	388625	SB#1 * ✓	Spk & Tin
		BEGIN	SIDE		LINE	
TP	5689	399475	0662	393786		
WEST FIX			5600	393875	WEST FIX ✓	CS MON (END SIDE LINE)
SB#1	5470	394095		388625	*	
SB#1A			2215	391880	SB 1A	CS MON
TP	3222	396488	0829	393266		

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STATION	B. S.	H. I.	F. S.	ELEV.		
		396 488				
PT#2 AUX3			4 543	391 945	PT #2 AUX 3	Bt spK
TP	1 248	386 780	10 956	385 532		
TP	0 609	376 040	11 349	375 431		
PT#4			9 680	366 360	* PT#4	Bt spK W & T
	BEGIN	SIDE		LINE		
TP	0 940	365 665	11 315	364 725		
TP	0 496	354 580	11 581	354 084		
TP	1 106	344 259	11 427	343 153		
TP	1 583	334 434	11 408	332 851		
H-2			9 094	325 340	H-2 ✓	CS MON
	END		SIDE	LINE		
PT#4	0 330	366 690		366 360	PT#4 ✓	
TP	0 325	355 754	11 261	355 429		
TP	1 601	345 391	11 964	343 790		
PT#5			8 309	337 082	PT#5 ✓	Bt spK W & T
TP	0 263	333 854	11 800	333 591		
TP	0 727	322 687	11 894	321 960		
TP	2 769	313 923	11 533	311 154		
PT6 AUX3			4 237	309 686	PT 6 AUX 3 ✓	Bt spK W & T
TP			11 558	302 365	*	

F. B. 2683 Pg. 232 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date Date No. X-Sec.
Survey by A.E.G. Notes A.E.G. Notes Chkd. Checked
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.	LINE # 5	
		BEGIN	SIDE		LINE	
		313923				
TP	1017	311460	3480	310443		
TP	0947	300448	11959	299501		
TP	3593	292343	11698	288750		
I-2			11787	280556	I-2 ✓	2" IP Tag & Nail
TP	11302	300715	2930	289413		
Blakesley			1630	299085	Blakesley ✓	CS MON (END SIDE LINE)
TP	0193	302558		302365	*	
TP	1089	292160	11487	291071		
TP	2040	282662	11538	280622		
TP	0667	271669	11660	271002		
TP	10689	270491	11867	259802	*	
		BEGIN	SIDE		LINE	
TP	7922	277369	1044	269447		
	11704	283908	5165	272204		
	11219	292895	2232	281676		
	10233	301026	2102	290793		
	11445	309433	3038	297988		
	5088	312074	2447	306986		
P-4			9569	302505	P-4 ✓	C.S. MON END SIDE LINE

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 00264 Division No. 11 F. B. 2683 Pg. 233
X-Sec. No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
TP	0 840	260 642		259 802	*	
	0 394	249 698	11 338	249 304		
	1 065	239 142	11 621	238 077		
	0 881	228 284	11 739	227 403		
	1 776	218 421	11 639	216 645		
	0 245	207 377	11 289	207 132		
BM C			4 484	202 893	Rd Dept MON	
TP	4 945	202 244	10 078	197 299		
BM 34-17A			9 772	192 472	BM 34-17A ✓	C.S. MON
			SIDE	SHOT		
TP	11 254	213 297	0 201	202 043		
TP	7 288	218 656	1 929	211 368		
K-1			5843	212 813	K-1 ✓	CS MON

F. B. 2683 Pg. 234 Job No. 002164 Division No. 11 Notes Red. Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date Date No. X-Sec.
Survey by ACG Notes ACG Notes Chkd. Checked No.
Indexed H. E. OTT Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2	
PB #9	4950	409 092		404 142	PB#9 ✓ CS MON	
TP	6851	411 761	4182	404 910		
TP	6798	414 549	4010	407 751		
PB #9B			4805	409 744	PB#9B ✓ Bt spK&W	
TP	6998	418 539	3008	411 541		
PB #9A			4370	414 169	PB#9A ✓ "	
TP	8020	423 744	2815	415 724		
TP			4318	419 426	*	
		BEGIN		SIDE	LINE	
TP	10958	434 409	0293	423 451		
TP	10908	445 014	0303	434 106		
B1-C			2751	442 263	B1-C ✓	CS MON (END SIDE LINE)
TP	3039	422 465		419 426	*	
TP	0375	412 315	10525	411 940		
PT #1			3695	408 620	PT #1 ✓	spK W&T
B1-B	5323	412 357	5281	407 034	B1-B ✓	CS MON
B-1			6335	406 022	B-1 ✓	"
TP	1498	406 580	7275	405 082		
TP	0633	396 225	10988	395 592		
"	0875	386 210	10890	385 335		
"	1209	375 695	11724	374 486		

Profile Notes Red. ____ Plotted ____ Job No. 0021 64 Division No. 11 F. B. 2683 Pg. 235
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 4-2-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		375 695				
TP	2820	367 951	10 564	365 131		
TP	1060	357 627	11 384	356 567		
TP	0523	346 826	11 324	346 303		
BM 50-12			7335	339 491	BM 50-12 ✓	CS MON
TP	11 187	354 241	3772	343 054		
TP	10 711	363 522	1430	352 811		
TP			1 883	361 639	*	
		BEGIN	SIDE		LINE	
TP	11648	374 418	0752	362 770		
TP	11193	384 285	1326	373 092		
TP	8508	391 719	1074	383 211		
DAVIS			0838	390 881	DAVIS ✓	C.S. MON (END SIDE LINE)
TP	6482	368 121		361 639	*	
TP	4941	364 152	8910	359 211		
Rad 1			5725	358 427	Rad 1 ✓	C.S. MON.
TP	2302	355 256	11 198	352 954		
TP	0831	344 855	11 232	344 024		
TP	3071	337 014	10912	333 943		
TP	1780	328 544	10250	326 764		
A-3			7587	320 957	A-3 ✓	C.S. MON

F. B. 2683 Pg. 23/ Job No. 0021 64 Division No. 11 Notes Red. Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date Date No. X-Sec.
Survey by ACG Notes ACG Notes Chkd. Checked
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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2	
		328 544				
A-4	8098	330 342	6300	322 244	A-4 ✓ CS. MON	
TP	4943	325 155	10130	320 212		
G-1					G-1 C.S. MON (unable to find)	
	6550	323 640	7865	317 290		
	3142	316 712	10270	313 570		
Shield	3901	314 267	6346	310 366	Shields ✓ CS MON	
TP	2799	313 071	3995	310 272		
TP	7302	309 423	10950	302 121		
TP	0650	298 875	11198	298 225		
TP	0892	288 509	11258	287 617		
TP	1000	278 197	11312	277 197		
TP	0997	268 886	10308	267 889		
TP	0582	258 501	10967	257 919		
TP	0356	247 233	11624	246 877		
TP	1064	237 878	10419	236 814		
TP	0549	226 963	11464	226 414		
TP	0764	216 627	11100	215 863		
TP	0470	205 695	11402	205 225		
J-5			7225	198 470	J-5 CS MON ✓	
TBM 15			8570	197 125	TBM #15 PK in CULV	

Profile Notes Red. Plotted Job No. 2262.64 Division No. 11 F. B. 2683 Pg. 237
No. X-Sec. Date Date Survey of PORTUGUESE BEND LANDSLIDE
No. Notes Chkd. Checked Survey by ACG Nps. M.E. 011 Date 8-2-62
Date Date Map No. Indexed Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		205 695				
TP	6740	209 415	3020	202 675		
BM 50-13	4995	213 060	1350	208 065	BM 50-13 ✓	es MON
BM 50-13A			2640	210 420	BM 50-13A ✓	spk in cb

F. B. 2683 PG. 238 Job No. 0021-64 Division No. 11 Notes Red. Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date Date No. X-Sec.
Survey by ACG Notes ACG Notes Chkd. Checked No.
Indexed H. E. OTT Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #1	
PB #9	4592	408 734		404 142	PB #9 ELEV=404.142	CS MON
TP	6405	411 461	3678	405 056		
PI #5B	4471	414 562	1370	410 091	PI #5B	CS MON
TP	2877	414 200	3239	411 323		
TP	2707	407 090	9817	404 383		
TBM #30			1758	405 332	TBM #30	spk in bd in culv.
TP	5792	405 487	7395	399 695		
"	6281	408 558	3210	402 277		
PI #4C			2642	405 916	PI #4C	CS MON
TP	5990	411 073	3475	405 083		
TP	10 210	419 841	1442	409 631		
TP			0540	419 301	*	
		BEGIN	SIDE	LINE		
TP	10 110	429 641	0310	419 531		
FT #1			5153	424 488	FRUIT TREE #1	CS MON
		END	SIDE	LINE		
TP	5940	425 241		419 301	*	
TP	5262	425 743	4760	420 481		
TP	4410	426 201	3952	421 791		
SPH G7 RM #1			4518	421 683	SPH G-7 RM #1	MON
"			5442	420 759	" Δ sta	"

Profile Notes Red. ____ Plotted ____ Job No. 2021 64 Division No. 11 F. B. 2683 Pg. 237
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 5-7-62
No. ____ Date ____ Date ____ Map No. ____ Index ____ Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		426 201				
TP	0784	419 987	6 998	419 203		
	2498	410 695	11 790	408 197		
	0403	402 975	8 123	402 572		
	0226	391 681	11 520	391 455		
	3108	384 122	10667	381 014		
TP	1112	378 347	6 887	377 235		
PI #3			5337	373 010	PI #3	CS MON
TP	0553	369 407	9 493	368 854		
	0318	359 506	10219	359 188		
	1370	350956	9920	349 586		
	0352	341 655	9653	341 303		
TP			6400	335 255	* SPK	
		BEGIN	SIDE	LINE		
TP	0630	331 665	10620	331 035		
	0510	326 248	11 927	319 738		
	0241	308 581	11 908	308 340		
	0642	297 750	11 473	297 108		
	10664	296 439	11 975	285 775		
SPH H-7A ECC 1			8 247	288 192	SPH H-7A ECC 1	MON
" 2			8 188	288 251	" " 2	"

F. B. 2683 Pg. 238 Job No. 002164 Division No. 11 Notes Red. Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date Date No. X-Sec.
Survey by ACG Notes ACG Notes Chkd. Checked
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STATION	B. S.	H. I.	F. S.	ELEV.	LINE 1	
		296 439				
SPH H-7A ECC 3			8190	288 249	SPH H-7A ECC 3	MON
"			8 020	288 419	"	"
		END		SIDE	LINE	
TP	1665	336 920		335 255	* spk	
	0276	327 401	9795	327 125		
	0683	317 124	10960	316 441		
	0761	306 627	11 258	305 866		
	0308	295 865	11 070	295 557		
TP	1833	287 017	10681	285 184		
PB #10	3988	283 593	7412	279605	PB #10	CS MON
TP	1762	274 059	11 296	272 297		
	0570	263 649	10 980	263 079		
	2722	254 976	11 395	252 254		
	1802	245 288	11 490	243 486		
	1553	236 841	10 000	235 288		
	1147	226 560	11 428	225 413		
	0213	215 389	11 384	215 176		
WF #1	6935	217 489	4835	210 554	WF #1	spk in step
TP	1387	209 523	9353	208 136		

Profile No. X-Sec. No. Notes Red. Date. Plotted Date. Notes Chkd. Date. Checked Date. Job No. CC2166 Division No. 11 Survey of PORTUGUESE BEND LANDSLIDE Survey by ACG Notes ACG Date 5-7-62 Map No. Indexed H. E. OTT Date

F. B. 2683 Pg. 239

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STATION	B. S.	H. I.	F. S.	ELEV.		
		209 523				
P#1			10 193	199 330	P#1	CS MON
TP	0639	199 024	11 138	198 385		
	0849	189 128	10 745	188 279		
	0200	178 324	11 004	178 124		
TBM #31			11 172	167 152	TBM#31	L&T in cb

F. B. 2683 Pg. 240 Job No. 0021 64 Division No. 11 Notes Red Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date Date No.
Survey by ACG Notes ACG Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #2	
PB #9	5251	409393		404 142	PB #9	C.S. MON
TP	6772	412076	4089	405304		
TP	6670	414396	4350	407726		
PB #9B			4627	409769	PB #9B	Bt spKW & t. in Pvm't
TP	7545	418 328	3613	410783		
"	6456	422 446	2338	415990		
PB #9A			8241	414205	PB #9A	Bt spK & W in Pvm't
TP	11 684	431 348	2782	419 664	*	
		BEGIN	SIDE	LINE		
TP	11 230	441 848	0730	430 618		
TP	6518	446 033	2333	439 515		
B1C			3718	442315	B1C	CS MON
		END	SIDE	LINE		
TP	3878	423542		419664	*	
TP	1198	412948	11 792	411 750		
PT #1			4482	408462	PT #1	Bt spKW & T
B1-B	4605	411 403	6150	406798	B1 B	C.S. MON
TP	4262	411 247	4418	406 985		
B-1			5460	405787	B-1	CS MON
TP	0331	402008	9570	401677		
	0752	392 215	10545	391463		

Profile Notes Red. Plotted Job No. 002164 Division No. 11 F. B. 2683 Pg. 241
No. Date Date Survey of PORTUGUESE BEND-LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by ACG Notes ACG Date 5-7-62
No. Date Date Map No. Indexed H. E. ORR Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		392 215				
TP	0311	382 106	10 420	381 795		
∫	0672	370 783	11 995	370 111		
	1022	363 873	7 932	362 851		
	1506	353 659	11 720	352 153		
TP	2650	346 498	9 811	343 848		
BM 50-12			7118	339 380	BM 50-12 ✓	MON
TP	10565	354 822	2241	344 257		
"	10425	364 564	0683	354 139		
TP			3971	360 593	*	
		BEGIN	SIDE	LINE		
TP	11 023	375 066	0 521	364 043		
"	11 078	384 639	1 505	373 561		
"	9792	393 140	1 291	383 348		
DAVIS			2510	390 630	DAVIS ✓	CS MON
		End	Side	line		
TP	8522	369 115		360 593	*	
"	5957	363 842	11 230	357 885		
Rad 1			5480	358 362	Radial 1 ✓	CS MON
TP	3708	356 120	11 430	352 412		
"	2708	348 183	10045	346 075		

F. B. 2683 Pg. 242 Job No. 0021 64 Division No. 11 Notes Red. Plotted Profile
Survey of Portuguese Bend Landslide Date Date No. X-Sec.
Survey by ACG Notes Notes Chkd. Checked
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76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE 2	
		348 183				
TP	1 671	339 706	10 148	338 035		
TP	1 896	330 354	11 248	328 458		
A-3	5678	326 563	9 469	320 885	A-3 ✓	CS MON
A-4			4 290	322 273	A-4 ✓ ELEV=322.19	"

* NOTE
FOR ELEVATIONS on SHIELD & J-5
SEE LINE #4

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021 6K Division No. 11 F.B. 2683 Pg. 2[illegible]
X-Sec. No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 5-7-62
Date ____ Date ____ Map No. ____ Indexed H. E. OFF Date 11

F.B. 2683 Pg. 244

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed H. E. OTT 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.	LINE #4	
TBM 34-15A	2542	233529		230987	TBM 34-15A ✓ ELEV = 230.987	spk in Ld in cb
TP	3577	231853	5253	228276		
	3245	229104	5994	225859		
	3080	225887	6297	222807		
	2408	221033	7262	218625		
TP	3238	216704	7567	213466		
TBM 50-13A	2694	213078	6320	210384	TBM 50-13A ✓	spk & tin in cb
BM 50-13	1560	209586	5052	208026	BM 50-13 ✓	MON-C.E.
TP	3891	207747	5730	203856		
TBM #15			10683	197064	TBM #15 ✓	spk in culv
		BEGIN	SIDE	LINES		
TP	2070	207327	2490	205257 ✓		
J-5			8958	198369	J-5 ✓	CS MON
TP	11170	216427		205257 ✓		
	11578	227765	0240	216187		
	10016	237458	0323	227442		
	10865	248080	0243	237215		
	10981	258619	0442	247638		
	11072	269167	0524	258095		
TP	11232	279958	0441	268726		

Profile Notes Red ____ Plotted ____ Job No. 0021 64 Division No. 11 F.B. 2683 Pg. 245
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 5-8-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H.B. OT Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		279 958				
	10607	289 942	0623	279 335		
	11 320	298 389	2 873	287 069		
	10522	307 291	1620	296 769		
	8 428	314 312	1407	305 884		
SHield			3990	310 322	Shields ✓	C.S. MON
		END	SIDE	Lines		
TBM #15	11 330	208 394		197 064	TBM #15 ✓	SPK in Wall
TP	7947	216 131	0210	208 184		
Rad 2 Ecc 1			7790	208 341	Rad 2 Ecc 1 ✓	CS MON
TP	5428	219 629	1930	214 201		
J-4	1090	215 719	5000	214 629	J-4 ✓	CS MON
J-3	0404	211 270	4853	210 866	J-3 ✓	"
TP	7368	216 982	1656	209 614		
"	1508	207 027	11 463	205 519		
J-1			6 770	200 257	J-1 ✓	3/4 " IP
TP	10988	217 495	0520	206 507		
	10 856	227 882	0469	217 026		
	11 477	238 789	0570	227 312		
J-1A			8958	229 831	J-1A ✓	C.S MON
	0303	227 567	11 525	227 264		

F.B. 2683 PG. 246 Job No. 2026 Division No. 11 Notes Red Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date Date No. X-Sec.
Survey by ACG Notes ACG Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #4	
		227 567				
TP	0 251	216 150	11 668	215 899		
	0 885	205 932	11 103	205 047		
	0 431	196 355	10 008	195 924		
TP	11 135	199 221	8 269	188 086 *		
		BEGIN		SIDE	LINE	
TP	0 446	189 185	10 482	188 739		
	0 817	178 808	11 194	177 991		
	0 573	168 534	10 847	167 961		
	0 297	157 487	11 344	157 190		
	0 972	147 587	10 872	146 615		
TP	0 653	137 573	10 667	136 920		
TBM #25			10 880	126 693	TBM #25	spk in Culv.
		END	SIDE	LINE		
TP	0 290	188 376		188 086 *		
	8 443	192 179	4 640	183 736		
	8 390	200 169	0 400	191 779		
BM 34-17A	4 390	196 799	7 760	192 409	BM 34-17A	MON
TP	4 440	197 439	3 800	192 999		
	5 470	196 313	6 596	190 843		
TP	0 375	190 076	6 612	189 701		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 002164 Division No. 11 F.B. 2683 Pg. 247
X-Sec. No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND Landslide
Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 5-8-62
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

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F.B. 1683 Pg. 248 Job No. 00216 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Portuguese Benjo Lanos Lde Date ____ No. ____ X-Sec. ____
Survey by ACG Notes ACG Notes Chkd. ____ Checked ____ No. ____
Indexed H.E. OTT Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
		190 076				
TP	0205	179 215	11066	179 010		
	1875	172 457	8633	170 582		
BM 34-18			3816	168 641	BM 34-18 ✓	MON
TP			11105	161 352	*	
		Begin Side Line				
TP	11174	182 681	0950	171 507		
	7814	189 231	1264	181 417		
	6636	193 900	1967	187 264		
P-3A			3512	190 388	P-3A ✓	C.S. MON
		End Side Line				
TP	1860	163 212		161 352	*	
"	6040	163 302	5950	157 262		
P-3			5267	158 035	P-3 ✓	L&T in cb.
TP	5850	165 522	3630	159 672		
"	5538	167 298	3762	161 760		
P-2	6870	170 246	3922	163 376	P-2 ✓	L&T tag in cb
TBM #31			3175	167 071	TBM #31	L&T in cb

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 6	
BM 50-9	10210	1009613		999 403	BM 50-9 ELEV = 999.403	
TP	0871	998981	11503	998 110		
	0542	987586	11 937	987 044		
	1109	977305	11390	976196		
	0204	966080	11429	965876		
TP	1302	956390	10992	955088		
TBM #11	2176	949404	9162	947 228	TBM #11	spk in culv.
TP	0689	940 175	9918	939486		
Z-1			4882	935 293	Z-1 ✓	C.S. MON
TP	1230	929858	11547	928 628		
	0689	920656	9891	919 967		
	0245	909339	11562	909 094		
	0508	898 087	11760	897 579		
	0591	887668	11010	887 077		
	0200	876 825	11043	876625		
TP	0182	867 269	9738	867 087		
BM 50-10			9124	858 145	BM 50-10 ✓	MON
TP	0908	856906	11 271	855 998		
	0575	847 303	10178	846 728		
	0318	835718	11 903	835 400		
	0240	825 727	10731	824987		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021 64 Division No. 11 F.B. 2683 Pg. 249
X-Sec. No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 5-9-62
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.		
		825 227				
TP	1078	814 740	11 565	813 662		
"	0769	803 802	11 707	803 033		
"	3813	796 343	11 272	792 530		
Y-4			2445	793 898	Y-4 ✓	2" IP & spk
TP	2844	787 568	11 619	784 724		
TBM #12			10 402	777 166	TBM #12 ✓	spk in Culv.
TP	0384	776 552	11 400	776 168		
	0328	764 985	11 895	764 657		
	0455	754 037	11 403	753 582		
	1002	744 558	10 481	743 556		
	0909	734 138	11 329	733 229		
	1138	723 654	11 622	722 516		
	1404	713 253	11 805	711 849		
	0540	702 256	11 537	701 716		
	0658	691 510	11 404	690 852		
	1480	681 658	11 332	680 178		
TBM #13			5649	676 009	TBM #13 ✓	spk in Culv
	0321	670 619	11 360	670 298		
	0583	659 674	11 528	659 091		
	2479	651 083	11 070	648 604	✓	
BM 50-11			3 528	647 555	BM 50-11 Elev = 647.570	

F.B. 2683 Pg. 250
Job No. 2 Division No. 11 Notes Red Plotted Profile
Survey of Portuguese Bend Landslide Date Date No. X-Sec.
Survey by ACG Notes ACG Notes Chkd. Checked
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.	LINE #3	
TBM34-15A	0762	231 749		230 987	TBM 34-15A ✓ ELEV = 230.987	L&T
	0420	223 549	8620	223 129		
	1901	215 120	10330	213 219		
	4210	212 390	6940	208 180		
	4448	210 401	6437	205 953		
K-13			8640	201 761	K-13 ✓	2" IP
	1384	202 181	9604	200 797		
	1000	192 691	10490	191 691		
	0403	182 571	10523	182 168		
K-10A	3984	176 721	9834	172 737	K-10A ✓	BT spK
K-10B			7072	169 649	K-10B ✓	2" IP
K-10C			8522	168 199	K-10C ✓	L&T
K-10	4022	171 338	9405	167 316	K-10 ✓	1" IP (+0.930)
K-9B			9458	161 880	K-9B ✓	2" IP
K-9A	1760	165 283	7815	163 523	K-9A ✓	Bt. spK w & tin
K-9			5994	159 289	K-9 ✓	1" IP
K-8A			7438	157 845	K-8A ✓	Bt. spK w & t
K-8B			9807	155 476	K-8B ✓	2" IP
TP	0904	154 847	11340	153 943		
"	1228	145 928	10147	144 700		
	7150	142 355	10723	135 205	* BEGIN SIDE LINE	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 202164 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 8-9-62
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F. B. 2683 Pg. 251

76L-298 S & E #307—1-56

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F. B. 2683 Pg. 252 Job No 00216 Division No 11 Notes Red Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date Date No. X-Sec.
Survey by DES Notes DES Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		142 355				
K-5			6174	136 181	K-5 ✓ (END)	CS MON
TP	0598	135 808		135 205	*	
"	0940	126 403	10340	125 463		
"	0604	116 176	10831	115 572		
W-3			5438	110 738	W-3 ✓	CS. MON
TP	3440	109 787	9829	106 347		
K-5 AUX			7870	101 917	K-5 AUX ✓	CS. MON
TP	1609	100 050	11 346	98 441		
TP	0875	89 781	11 144	88 906		
TP	2894	81 213	11 262	78 519		
K-4			5901	75 512	K-4 ✓	CS. MON
TP	0788	70 470	11 731	69 682		
TP	3319	62 111	11 678	58 792		
TBM #28			5071	57 040	TBM #28 ✓	spk in CB
TP	3950	60 681	5384	56 727		
K-3A			6280	54 401	K-3A ✓	CS MON
TP	1870	53 110	9441	51 240		
"	0418	43 215	10313	42 797		
	6072	42 617	6670	36 545		

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Profile No. X-Sec. No.
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Job No 20216 Division No 11
Survey of PORTUGUESE BEND LANDSLIDE
Survey by ACG Notes ACG Date 5-22-62
Indexed H.E.O.T. Date
F. B. 2683 Pg. 253

STATION	B. S.	H. I.	F. S.	ELEV.	LINE #3	
		42 617				
K-2A			5398	37 219	K-2A ✓	2" IP
TP	6372	37 209	11780	30 837		
		BEGIN SIDE LINE				
TP	3711	35 310	5610	31 599		
TP	2416	27 054	10 672	24 638		
TP	1190	19 176	9068	17 986		
PB #1			11538	7638	PB #1 ✓ ELEV = 7.60	C.S. MON
		END SIDE LINE				
TP	0648	31 485		30 837 ★		
TP	0250	20 420	11315	20 170		
TP	4214	16 356	8278	12 142		
TP	4770	15 907	5219	11 137		
TP	5775	17 485	4197	11 710		
TP	9655	25 824	1316	16 169		
	1614	17 988	9510	16 314		
	0290	8 516	9772	8 226		
	3840	7 630	4730	3786		
	5576	9738	3470	4160		
	3437	8444	4731	5007		
PB #8			0400	8 044	PB #8 ✓ ELEV = 7.994	SPK in Wall

F. B. 2683 PG. 254 Job No. 0021 6 Division No. 11 Notes Red. Plotted Profile

Survey of PORTUGUESE BEND LANDSLIDE Date Date No.

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

Indexed H. E. OTT Date Date Date No.

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.	LINE #5 (PORTUGUESE BEND L.S.)
P.B. #9	5207	409 347		404 142	C.S. MON.
T.P.	6951	412 261	4037	405 310	
T.P.	6583	414 469	4375	407 886	
P.B. #9B			4698	409 771	BT. SPK. W&T
T.P.	0341	408 637	6173	408296	
T.P.	0511	398260	10888	397 749	
T.P.	0870	389 165	9965	388 295	
T.P.	1378	380 612	9931	379 234	
T.P.	0601	371 062	10151	370461	
T.P.	1184	361 613	10633	360429	
S.B. #3	10058	362 909	8762	352851	BT. SPK. W&T
T.P.	10600	372 539	0970	361 939	
T.P.	11 295	382 528	1306	371 233	
T.P.	10582	392 456	0654	381 874	
S.B. #2			9221	383235	BT. SPK. W&T
S.B. #1	7477	396 057	3876	388580	* " " " BEGIN SIDE LINE TO WEST FIX
S.B. #1A			4295	391762	* C.S. MON. (SIDE SHOT)
T.P.	3902	399 084	0875	395182	
WEST FIX S.B. #1A			5250	393834	END SIDE LINE (WEST FIX C.S. MON.)
	7895	399 657		391762	C.S. MON.
P.T.-2 AUX 3			7775	391 882	BT. SPK. W&T

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 00216 Division No. 11 Survey of PORTUGUESE BEND LANDSLIDE Survey by A.C.G. Notes K.M. Date 5-10-62 Map No. Indexed H. E. OTT Date

F. B. 2683 Pg. 257

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5 PORTUGUESE BEND L.S.
P.T.-2 AUX 3	1308	393190		391882	BT. SPK. W&T
T.P.	0402	381934	11658	381532	
T.P.	0318	370924	11328	370606	
P.T. #4			4687	366237	* BT. SPK. W&T BEGIN SIDE LINE TO H-2 (CS MON)
T.P.			11360	359564	* HOLD FOR PEPPER TREE
T.P.	0757	360375	11306	359618	
T.P.	0641	349837	11179	349196	
T.P.	1293	341532	9604	340233	
T.P.	1107	332475	10164	331368	
H-2			7297	325178	* C.S. MON. END SIDE LINE (H-2 C.S. MON)
T.P. *	1228	360792		359564	HOLD T.P.
T.P.	0765	350012	11545	349247	
T.P.	0772	340673	10111	339901	
PT.-5			3713	336960	BT. SPK. W&T (SIDE SHOT)
T.P.	1374	332355	9692	330981	
T.P.	0906	321923	11338	321017	
T.P.	4750	315881	10792	311131	* BEGIN SIDE LINE TO I-2 & BLAKESLEY
P.T.-6 AUX 3			6324	309557	* BT. SPK. W&T (HOLD FOR PEPPER TREE)
T.P.	0892	311777	4996	310885	
T.P.	0832	301386	11223	300554	
T.P.			10712	290674	

F. B. 2683 Pg. 256
Job No. 00216 Division No. 11 Notes Red. Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date 5-10-62 Date No. X-Sec.
Survey by A.C.G. Notes KEN MYERS Notes Chkd. Checked
Indexed H. E. OTT Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5 PORTUGUESE BEND LANDSLIDE
T.P.	0390	291 064		290 674	
I-2			10683	280 381	I-2 2" I.P. CONC. PLUG & C.E. TAG (SIDE SHOT)
T.P.	11685	300 958	1791	289 273	
"BLAKESLEY"			1970	298988	"BLAKESLEY" C.S. MON. END SIDE LINE
P.T.-6 AUX 3	1571	311 128		309 557	* BT. SPK. W&T
T.P.	0914	301 338	10704	300424	
T.P.	0849	291 975	10212	291126	
T.P.	1188	282 215	10948	281 027	
T.P.	1018	273 555	9678	272 537	
T.P.	0734	262 557	11732	261 823	(NO ELEV. ON P-4 THIS DATE)
T.P.	1393	253 106	10844	251 713	
T.P.	0442	243 751	9797	243309	
T.P.	1467	234 303	10915	232836	
T.P.	0820	224 389	10734	223569 *	
T.P.	0538	214 787	10140	214249	
B.M. "C"	1244	204069	11962	202825	B.M. "C" ROAD DEPT. MON.
T.P.	9451	202 352	11168	192901	
B.M. 34-17A			9948	192 404	B.M. 34-17A MON.
T.P.	11233	213 023	0562	201790	
T.P.	8034	219 594	1463	211 560	
K-1			6840	212754	K-1 C.S. MON.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 002164 Division No. 11 F. B. 2683 Pg. 257
Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by ACG Notes K. MYERS Date 5-10-62
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2683 Pg. 258 Job No 002164 Division No. 11 Notes Red. Plotted Profile

Survey of Date Date No. X-Sec.

Survey by Notes Notes Chkd Checked

Indexed H. E. OTT Date Date Date

Cont. to FB 2955