Notes Ck'd by	Survey of Port Bend Landslide	F. B. 2610 Pg. 5
Map No.	Job 0021.64 Tape Std. of	
Office Work	Surveyed by Lind	
Checked	Notes Lind Date 8-11-59	
	Indexed C. Johnson 8-26-59	

Cont. from F.B. 2363

U.N. 0021.64

PORTUGUESE BEND LANDSLIDE

BENCH LEVELS

8-59

LIND
& PARTY

F. B. 2616 Pg. 6

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76L-298 S & E #207—1-56

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Profile No. ____ Notes Red. ____ Plotted ____ Job No. 27164 Division No. 10 F. B. 4216 Pg. 7
X-Sec. No. ____ Date ____ Date ____ Survey of Road Reno Tanyard
Notes Chkd. HJA Checked ____ Survey by Line Notes W.G.H. Date 8-11-59
Date 8-28-59 Date ____ Map No. ____ Indexed C. Johnson Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDLINE LINE #1 8-11-59
B-1-0	0 998	471 473		470 475	STA B-1-0 EL= 470.475
T.P.	1 122	462 147	10 448	461 025	
"	0 711	451 658	11 200	450 947	
"	0 979	442 196	10 441	441 217	
"	0 750	431 886	11 060	431 136	
"	0 742	422 514	10 114	421 772	
P.B. #9A	2 525	416 716	8 323	414 191	STA. P.B. #9A EL. = 414.197
T.P.	3 315	413 402	6 629	410 087	
"	4 047	411 264	6 185	407 217	
"	4 145	408 169	7 240	404 024	
P.B. #9	4 530	408 659	4 040	404 129	
T.P.	6 205	411 139	3 725	404 934	
P.I #5A	6 293	414 727	2 705	408 434	
T.P.	6 384	411 705	3 406	411 321	
T.B.M. #30	0 223	405 546	6 382	405 323	
T.P.	6 750	407 296	5 000	400 546	
"	6 980	411 077	3 199	404 097	
"	8 521	418 588	1 015	410 067 *	
"	11 955	428 694	1 849	416 739	BEGIN SIDELINE TO FRUIT TREE #1
"	0 499	427 844	1 349	427 345	
FRUIT TREE 1			3 375	424 469	STA. FRUIT TREE #1 (END SIDELINE.)

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	9 348	419 415		410 067	*	
"	7 140	424 965	1 590	417 825		
"	5 849	426 097	4 717	[illegible]		
G-7	3 850	424 587	[illegible]	[illegible]		S.P.H. G-7
R.M. #2	0 577	422 342	2 822	421 765		S.P.H. G-7 R.M. #2
T.P.	1 165	416 512	6 995	411 347		
"	2 029	408 607	9 [illegible]	406 578		
"	1 158	398 [illegible]	[illegible]	397 054		
"	1 695	389 184	10 723	387 489		
"	0 [illegible]	383 [illegible]	[illegible]	[illegible]		
"	3 [illegible]	379 868	[illegible]	[illegible]		
P.I. #3	1 222	374 188	6 902	372 966		
T. P.	0 898	363 198	11 888	362 300		
"	0 988	352 769	11 417	351 781		
"	1 441	344 967	9 243	343 526		
P.I. 2A			4 779	340 188		
P.I. #1.	1 686	337 275	9 378	335 589	X	begin side line
T. P.	0 895	327 299	10 871	326 404		
"	0 648	316 458	11 489	315 810		
"	0 570	305 687	11 341	305 117		
"	0 951	295 674	10 964	294 723		

F. B. 2616 Pg. 8 Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of PORT BEND LANDSLIDE Date Date No. X-Sec.
Survey by [illegible] Notes J.C. GOODWIN Notes Chkd. HJA Checked
Indexed C. Johnson Date 8-1-59 Date 8-28-59 Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		295.674				
T.P.	9 930	295 130	10 474	285 200		
H-7A Ecc. #1			6 914	288 216		
H-7A			6 699	288 431		
END SIDE LINE						
P.I. #1	1 212	336 803		335 589		
T.P.	1 570	337 831	10 542	326 261		
T.P.	0 305	316 636	11 500	316 331		
"	0 659	307 621	9 674	306 962		
"	1 346	297 568	11 339	296 222		
"	1 326	286 923	11 258	285 865		
P.B. #10	0 748	280 336	7 365	279 588		
T.P.	0 929	270 915	10 350	269 986		
"	0 311	260 664	11 162	259 753		
"	1 250	249 929	11 385	248 679		
"	1 111	239 899	11 141	238 788		
"	0 998	229 052	11 845	228 054		
"	0 808	219 387	10 473	218 579		
W.F. #1			9 875	210 512		
T.P.	0 402	208 129	11 660	207 727		
"	0 173	196 444	11 858	196 271		
	0 510	185 214	11 740	184 704		

Profile Notes Red _____ Plotted _____ Job No. 8021.64 Division No. 18 F. B. 2616 PG. 9
No. _____ Date _____ Date _____ Survey of Field Lines Side Notes Walks Date 8-11-59
X-Sec. Notes Chkd. HJA Checked _____ Survey by Line Notes C. Johnson
No. _____ Date 8-28-59 Date _____ Map No. _____ Indexed _____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		185 214				
T. P.	2 438	175 9[illegible]	11 740	173 474		
T.B.M. #31			8 222	167 [illegible]	T.B.M. #31 ELEV. = 167.050	
T.B.M. #31	4 065	171 115		167 [illegible]		
P. 2	4 652	168 032	7 735	163 380	— Line 4	
T. P.	5 030	166 297	6 765	161 267		
"	4 115	163 647	6 765	159 532		
P. 3			5 [illegible]	157 939	— Line 4	
T. P.	7 960	165 527	[illegible]	157 [illegible]		
"	4 885	170 190	0 222	165 305		
B.M. 34-18			1 630	[illegible]	B.M. 34-18 ELEV. = 168.682	
					Line 4	

F. B. 2614 PG. 10 Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LAND SLIDE Date Date No. X-Sec.
Survey by LIND Notes WILKS Notes Chkd. HJA Checked
Indexed C. Johnson Date Date 8-28-59 Date No.

76L-298 CE 307 11-58

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LINE # 2

STATION	B.S.	H.I.	F.S.	ELEV.	PORT. BEND LANDSLIDE 8-11-59
B.M. 34-15-A	2395	233382		230 987	B.M. 34-15-A EL= 230.987
T.P.	4123	232 482	5023	228 359	
T.P.	3688	230 506	5664	226 818	
T.P.	3400	228 135	5771	224 735	
T.P.	2938	225 250	5823	222 312	
T.P.	2632	220 850	7032	218 218	
T.P.	3012	217 260	6596	214 254	
T.P.	3773	214 404	6635	210 631	
TBM 50-13A			3983	210 421	*
T.P.	4603	212 268	6739	207 665	
BM 50-13	3810	211 810	4268	208 000	
T.P.	10362	214 437	7735	204 075	
T.P.	11812	224 761	1488	212 949	
T.P.	11460	235 333	0888	223 873	
T.P.	11350	245 471	1212	234 121	
T.P.	11578	254 136	2913	242 558	
T.P.	11923	265 044	1015	253 121	
T.P.	10207	274 580	0671	264 373	
T.P.	11203	285 202	0581	273 999	
T.P.	11602	296 441	0363	284 839	
T.P.	11562	307 400	0603	295 838	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 1
X-Sec. No. ____ Date ____ Date ____ Survey of PORT. BEND LANDSLIDE
Notes Chkd HJA Checked ____ Survey by LINO Notes LINO Date 8-11-59
Date 8-28-59 Date ____ Map No. ____ Indexed C. JOHNSON Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.		
		307 400				
T.P.	8517	314 416	1501	305 899		
SHIELDS	7974	318 326	4064	310 352		
T.P.	8898	323 710	3514	314 812		
T.P.	3615	321 610	5715	317 995		
G-1	3900	319 660	5850	315 760		
T.P.	7955	326 715	0900	318 760		
A-4			4552	322 163		
A-3	11210	334 635	3290	323 425		
T.P.	11673	345330	0978	333 657		
T.P.	11606	356 177	0759	344 571		
T.P.	11 750	366335	1592	354 585		
RADIAL 1	5762	366 467	5630	360 705		
T.P.	1074	355 986	11515	354 952		
T.P.	5319	354 034	7271	348 715		
BM 50-12			11672	342 362		
T.P.	11262	362 421	2875	351 159		
T.P.	11730	373 615	0536	361 885		
T.P.	10278	383 058	0835	372 780		
T.P.	10371	392 554	0875	382 183		
	11812	403 [illegible]	[illegible]852	391 702		

Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of PORT. BEND LANDSLIDE Date Date No. X-Sec.
Survey by LINO Notes LINO Notes Chkd. HJA Checked
Indexed C. Johnson Date Date 8-28-59 Date No.

2616 Fo. 12

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		403 514				
T.P.	11 929	413 510	1 933	401 581		
T.P.	9443	421 895	1058	412 452		
T.P.			10172	411 723		
		BES. SIDE LINE TO STA C1				
T.P.	9681	429 833	1743	420 152		
C-1			1796	428 037		
T.P.	7443	419 160		411 723	END SIDE LINE	
B-1			7628	411 538		
T.P.	6718	418 849	7035	412 131		
B-1-B			5890	412 959		
PEPPER TREE #1			5962	412 887		
T.P.	5858	423 882	0825	418 024	414.197	
P.B. 9-A			9735	414 147	EL = 414.197	pg 7

Profile Notes Red ____ Plotted ____ Job No. 0027-64 Division No. 6 F.B. 2616 Pg. 73
No. ____ Date ____ Date ____ Survey of Port Beach Land Line
X-Sec. Notes Chkd. HJA Checked ____ Survey by Lino Notes Lino Date 8-11-59
No. ____ Date 8-28-59 Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-298 CE 307 11-58

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Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red ____ Date ____ Notes Chkd. AJH Date 8-26-59
Division No. 10
Job No. 0021 L4
Survey of Point Beno Land Slide
Survey by C. Johnson
Indexed ____ Date ____
Notes ____
Pg. 14

P.B. Landslide Lines 5 & 4 8-12-59

STATION	B.S.	H.I.	F.S.	ELEV.	
P.B. 9-A	1925	416 176		414 191	Pg 7
T.P.	0205	404 644	11737	404439	
T.P.	1045	395 255	10434	394210	
T.P.	0491	385 497	10249	385006	
T.P.	0690	375 946	10241	375256	*
	BEG. SIDE LINE TO				S.B. # 3
T.P.	1700	366 617	11027	364917	
T.P.	1730	359 978	8369	358248	
S.B. # 3			7161	352817	
	END SIDE LINE				
T.P.	10155	385 414		375256	*
S.B. # 2	8370	391 541	2223	383191	
S.B. # 1	10195	399 406	2350	387211	
P.T. # 2 Aux	1291	396 517	4180	395226	
T.P.	0440	385 500	11457	385060	
P.T. # 3			1106	384394	
T.P.	0255	374 630	11125	374375	
P.T. # 4	0410	368 717	6321	368307	*
	BEG SIDE LINE TO				H-2 & 4
T.P.	0381	358 100	11000	357719	
T.P.	0278	347 148	11230	346870	

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		347 148				
T.P.	0921	338 074	9995	337 153		
H-2	1888	329 606	10356	327 718		
T.P.	0408	318 654	11360	318 246		
H-4			7603	311 051		
		END SIDE		LINE		
		BEG SIDE		LINE TO	WEST FIX	
P.T. #4	11915	380 224		368 309	*	
T.P.	10745	389 734	1235	378 989		
T.P.	8449	396 945	1238	388 496		
W. FIX			3153	393 792		
		END SIDE		LINE		
P.T. #4	1130	369 439		368 309	*	
T.P.	0745	359 034	11150	358 289		
T.P.	2229	349 634	11629	347 405		
P.T. #5	1220	340 414	10440	339 194		
T.P.	1245	330 657	11002	329 412		
T.P.	0565	320 181	11041	319 616		
P.T. #6 AX-2	7480	318 768	8893	311 288	*	
		BEG. SIDE		LINE		
T.P.	9835	321 064	7539	311 229		

Profile Notes Red ____ Plotted ____ Job No. 0021164 Division No. 10 F.B. 2616 Pg. 15
No. ____ Date ____ Date ____ Survey of Pont. Bend Land Slide
X-Sec. Notes Chkd. HJA Checked ____ Survey by Lind Notes Lind Date 8-12-59
No. ____ Date 8-28-59 Date ____ Map No. ____ Indexed C. Johnson

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		321 064				
I-1	3980	321 064	3980	317 084		
T.P.	0700	311 929	9835	311 229		
T.P.	0440	301 919	10 450	301 479		
T.P.	3184	294 103	11 000	290 919		
I-2			9470	284 633		
I-3			11750	282 353		
T.P.	11 854	301 983	3974	290 129		
BLAKSLEE			0560	301 423		
		END SIDE		LINE		
PT. 6 AUX 2	0530	311 818		311 288	*	
B.M. "L"			5001	306 817		
T.P.	0490	301 788	10 520	301 298		
T.P.	0868	291 121	11 495	290 293		
T.P.	1244	281 393	11 012	280 149		
P.T. #7	1180	270 618	11 955	269 438		
T.P.	0249	259 416	11 451	259 167		
T.P.	1338	249 665	11 089	248 327		
T.P.	1170	240 961	9874	239 791		
T.P.	0368	230 239	11 090	229 871		
T.P.	1590	220 585	11 244	218 995		

F.B. 2616 Pg. 16 Job No. 2021.64 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LAND SLIDE Date Date No. X-Sec.
Survey by LINO Notes LINO Notes Chkd. HJA Checked
Indexed A. C. Johnson Date Date 8-28-59 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		220 585				
T.P.	0629	[illegible]	9249	211 282		
[illegible]	1 955	215 620	8280	203 635		
K-1	2350	215 620	2350	213 270		
T.P.	1068	204 703	11 985	203 635		
[illegible]	[illegible]	193 [illegible]	10 443	193 760		
[illegible]	6060	199 228	2470	193 168		
T.P.	2538	198 021	3745	195 483		
T.P.	8 590	196 260	10 351	181 670		
T.P.	11 451	207 273	0 435	195 822		
T.P.	11 394	218 179	0 488	206 785		
T.P.	6 742	224 [illegible]	2264	265 915		
T.P.	11 738	227 989	0 406	226 251		
U-1-A	0531	222 012	4508	233 481		
T.P.	3872	227 745	10 134	223 873		
T.P.	0952	218 577	10 120	217 625		
T.P.	1209	210 237	9549	209 028		
U-1			4875	205 [illegible]		
T.P.	10 989	220 546	0 280	209 557		
	4964	222 752	2758	217 788		
U-3			6785	215 964		

Profile Notes Red ____ Plotted ____ Job No. 0021164 Division No. 10 F. B. 2616 Pg. 97
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. [illegible] Checked ____ Survey by [illegible] Notes [illegible] Date 8-12-59
No. ____ Date 8-28-59 Date ____ Map No. ____ Indexed C. Johnson

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		222 752				
W-4	0748	218 905	4 595	218 157		
T.P.	2410	210 075	11 240	207 665		
Radial 2	[illegible]	208 170	6627	203 445		
T.P.	1849	206 165	3 860	204 316		
W-5			5950	200 215		
T.P.	3285	205 308	4 142	202 023		
T.B.M # 15			7340	[illegible]		
T.P.	8100	[illegible]	3 445	[illegible]		
T.P.	6700	[illegible]	3 400	[illegible]		
T.B.M 50-13-A			[illegible]	[illegible]	E = 210.424	Pg. 11

F. B. 2616 Pg. 18

Job No. 0021.64 Division No. 10 Notes Red. Plotted

Survey of [illegible] Date Date No.

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

Indexed K. C. Johnson Date Date 8-28-[illegible] Date No.

76L-298 S & E #307—1-56

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P.B. LAND SLIDE LINE #3 8-13-59

STATION	B. S.	H. I.	F. S.	ELEV.	
BM-34-15A	1003	231 990		230 987	B.M. 34-15-A EL- 230.987
T.P.	0476	221 219	11241	[illegible]	
T.P.	0525	211 190	10[illegible]	[illegible]	
K-13			9434	201756	
T.P.	1248	201 164	11274	199916	
K-12			9031	192133	
T.P.	0979	190 175	11[illegible]	189[illegible]	
K-11			8797	181[illegible]	
T.P.	0700	179 304	11571	178604	
K-10A			[illegible]	172745	
K-10B			9661	1[illegible]9643	
K-10-C	2422	169883	11843	167461	
K-10			2452	167431	
K-9A			6371	163512	
K-9B			7915	161918	
K-9	2830	162 146	10567	159316	
K-8A			4305	157841	
K-8B			6631	155509	
T.P.	0702	151 467	11381	150765	
T.P.	0312	140 592	11187	140280	
T.P.	10188	139 842	10938	129654	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2616 Pg. 19
No. ____ Date ____ Date ____ Survey of P.B. Land Slide
X-Sec. Notes Chkd. HJA Checked ____ Survey by Line Notes Line Date 8-13-59
No. ____ Date 8-28-59 Date ____ Map No. ____ Indexed C. Johnson

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		139 842				
K-5	3821	139 842	3821	136 021		
T.P.	0341	124 995	[illegible]	[illegible]		
T.P.	0362	[illegible]	11 434	[illegible]		
W-3			7749	[illegible]		
W-4			9548	[illegible]		
T.P.	0800	108 072	[illegible]	[illegible]		
K-5 Aux			6 303	[illegible]		
T.P.	1084	[illegible]	[illegible]	96 [illegible]		
T.P.	0206	[illegible]	11 929	75 [illegible]		
K-4			[illegible]	81 081		
T.P.	0367	74 871	11 [illegible]	[illegible]		
K-AB			4 162	70 709		
T.P.	2324	67 932	9263	65 608		
K-B			7329	60 603		
TBM-28			8973	58 959		
T.P.	2683	58 931	11 684	56 248		
K-C			3075	55 856		
K-3A			3809	55 122		
T.P.	0518	48 009	11 440	47 491		
T.P.	2621	39 361	11 269	36 740		

F. B. 2616 Pg. 20

Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile

Survey of Port Bend Land Slide Date Date No.

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

Indexed C. Johnson Date Date 8-28-59 Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		31 361				
TBM 27 Aux 2			4289	35 072		
K 2 A			5468	33 893		
T.P.	0862	29 081	11142	28219		
T.P.	4348	22 940	10489	16 594		
TBM 26 B			8390	14 550		
" " C			5520	17 420		
T.P.	4980	21 8[illegible]	6051	16889		
TBM 26			5857	16012		
TBM #26-D			5190	16 679		
TBM #26-E			0640	21 229		
T.P.	4818	21 828	4859	17010		
T.P.	2090	15823	8045	13 733		
P.B. #1	8235	15 823	8235	7 588		
T.P.	4490	25223	2090	13 733		
Club House			[illegible]	19 4[illegible]		
P.B. 2-A	3405	20 150	8478	16 745		
T.P.	4485	13 071	11507	8 [illegible]		
T.P.	6 575	9 497	10147	2 924		
P.B. 5A			8726	0 773		
T.P.	7843	9 234	8103	1391		

Profile Notes Red ____ Plotted ____ Job No. 002166 Division No. 10 F. B. 2616 Pg. 21
No. ____ Date ____ Date ____ Survey of Port Hero Sandbridge
X-Sec. Notes Chkd. [illegible] Checked ____ Survey by [illegible] Notes [illegible] Date 8-13-59
No. ____ Date 8-28-59 Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		9234				
T.P.	3795	6144	6885	2349		
P.B. 6-A			5780	0364		
T.P.	11237	13881	3500	2644		
P.B. # 7	5020	16822	2079	11802		
P.B. # 8			8822	3.000	P.B. # 8	El = 7.994

F. B. 2616 Pg. 22

Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile

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

Survey by Lino Notes Chkd. Checked

Indexed C. Johnson Date Date 8-28-59 Date No.

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.	P.B. LANDSLIDE LINE 50 8-13-59
BM-50-9	7174	1006577		999403	BM-50-9 EL= 999.403
TP	0774	995908	11443	995134	
TP	1453	985925	11396	984512	
TP	0[illegible]	[illegible]	10139	975826	
TP	0[illegible]	925619	10903	925280	
TP	0631	954879	11351	[illegible]	
TBM # 11			7628	947271	
TP	0601	943851	11649	[illegible]	
Z-1			8448	935403	
TP	[illegible]	[illegible]	11188	932663	
TP	[illegible]	922358	[illegible]	[illegible]	
TP	0981 8	911916	11423	910935	
TP	0508	901[illegible]	11400	900516	
TP	[illegible]	889[illegible]	11951	889[illegible]	
TP	[illegible]	878413	11551	877902	
TP	0622	867493	11542	866871 3	
BM 50-10			9333	858160	
TP	0840	85[illegible]	11380	856113	
TP	[illegible]	[illegible]	11242	845711	
TP	[illegible]	[illegible]	11865	834344	
TP	[illegible]	82[illegible]	11830	822889	

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. HJA Date 8-28-59 Plotted Date Checked Date Job No. 002164 Division No. 10 Survey of PORT BEND LANDSLIDE Survey by LIND Notes LIND Date 8-13-59 Map No. Indexed C. Tabor

F. B. 2616 Pg. 23

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		[illegible]				
T.P.	[illegible]	813 034	[illegible]	[illegible] 329		
T.P.	[illegible]	802 037	[illegible]	802 063		
Y-4			[illegible]	[illegible]		
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
T.B.M. # 12			[illegible]	[illegible]		
T.P.	0792	[illegible]	11 753	773 [illegible]		
T.P.	[illegible]	[illegible]	11 534	762 [illegible]		
T.P.	[illegible]	751 [illegible]	11 823	[illegible]		
T.P.	[illegible]	[illegible]	11 482	[illegible]		
T.P.	[illegible]	730 277	10 923	724 [illegible]		
T.P.	[illegible]	[illegible]	[illegible]	718 [illegible]		
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
T.P.	0837	697 441	[illegible]	[illegible]		
T.P.	0970	686 783	11 628	685 813		
T.B.M. # 13			10 807	675 [illegible]		
T.P.	[illegible]	675 655	11 823	674 [illegible]		
T.P.	[illegible]	664 307	11 008	664 [illegible]		
T.P.	1387	[illegible]	11 641	[illegible]		
BM 50-11			7 [illegible]	[illegible]	BM 50-11 EL=	647.504

F. B. 2816 Pg. 24

Job No. 0021.66 Division No. 10 Notes Red Plotted Profile

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

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

Indexed K. C. Johnson Date Date [illegible] Date

76L-298 CE 307 11-58

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Do not extend notes this side of this line. LINE # 1

PORTUGUESE BEND LANDSLIDE 9-22-59

STATION	B.S.	H.I.	F.S.	ELEV.	
BM B-1D	0547	471022		470475	BM B-1D ELEV. 470.475
T.P.	0274	461299	9997	461025	
T.P.	0664	451600	10363	450936	
T.P.	0392	441626	10366	441234	
T.P.	0625	431771	10480	431146	
T.P.	0583	422371	9983	421788	
P.B. #9-A	2940	417149	8162	414209	*
T.P.	3302	413841	6610	410539	
T.P.	4672	412378	6135	407706	
T.P.	3912	410268	6022	406356	
T.P.	4033	408212	6089	404179	
P.B. #9	4053	408203	4062	404150	
T.P.	5582	409908	3877	404326	
T.P.	6183	412677	3414	406494	
P.I. #5-A	6202	414656	4223	408454	
T.P.	5856	416510	4002	410654	
T.P.	2048	411392	7166	409344	
T.B.M. #30	0874	406196	6070	405322	
T.P.	6090	405541	6745	399451	
T.P.	6157	407748	3950	401591	
P.I. 4-B			3651	404097	

Profile Notes Red _____ Plotted _____ Job No. 0021.64 Division No. 10
No. _____ Date _____ Date _____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. _____ Checked _____ Survey by LIND Notes T.C.P. Date 9-22-59
No. _____ Date _____ Date _____ Map No. _____ Index _____ C. Johnson Date 10-1-59

F.B. 2616 Pg. 25

76L-296 CE 307 11-58

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STATION	B. S.	H. I.	F. S.	ELEV.
P.I. #4-B	6110	410207		404 097
T.P.	11067	418802	2472	407 735
T.P.	11648	428400	2050	416 752
BEGIN SIDELINE				
FRUIT TREE #1			3923	424477
END SIDELINE				
	10130	426882		416 752
T.P.	6624	424456	9050	417 832
T.P.	4556	424804	4208	420248
T.P.	5187	425932	4059	420745
T.P.	4580	426456	4056	421876
R.M. #1			4793	421663
S.P.H. G-7			5710	420746
R.M. #2			4680	421776
T.P.	2241	417639	11058	415398
T.P.	0952	407227	11364	406275
T.P.	1365	397061	11531	395696
T.P.	0792	386301	11552	385509
T.P.	3544	381892	7953	378348
P.I. #3	0478	373405	8965	372927
T.P.			11520	361885

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Division No. 10
Job No. 002164
Survey of PORTUGUESE BEND LANDSLIDE
Survey by LIN D. Notes T.C.P.
Indexed C. Johnson Date
F.B. 2616 Pg. 26

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.
	1810	363695		361885
T.P.	2151	355056	10790	352905
T.P.	2049	345529	11576	343480
P.I. #2A			5388	340141
P.I. #1	1766	337306	9989	335540 *
		BEGIN SIDELINE		
T.P.	0753	327107	10952	326354
T.P.	1078	316837	11348	315759
T.P.	0423	306085	11177	305660
T.P.	1528	296081	11530	294553
T.P.	9825	294965	10941	285140
H-7A ECC #1			6801	288164
H-7A			6584	288381
		END SIDELINE		
	1450	336990		335543 *
T.P.	1670	327880	10780	326210
T.P.	0828	317104	11604	316276
T.P.	1031	307193	10942	306162
T.P.	1053	297221	11025	296168
B.C.			6182	291039
T.P.			11410	285811

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 27
X-Sec. No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LAND SLIDE
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by L/NJ Notes T.C.P. Date 9-22-59
Map No. ____ Index ____ Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
	0333	286144		285811		
P.B. #10	0344	279883	6605	279539		
T.P.	1067	271003	9947	269936		
T.P.	0962	260066	11899	259104		
T.P.	0352	248940	11478	248588		
T.P.	0847	239581	10206	238734		
T.P.	0606	228605	11582	227999		
T.P.	0492	219015	10082	218523		
W.F. #1			8551	210464		
T.P.	0679	208355	11339	207676		
T.P.	0692	197757	11290	197065		
T.P.	0715	186655	11817	185940		
T.P.	1060	176803	10912	175743		
T.B.M. #31			9756	167047	T.B.M. #31 ELEV. 167.050	
T.B.M. #31	4080	171130		167050		
T.P.	3622	168553	6199	164931		
P-2			5172	163381	Sin 4	
T.P.	4389	167269	5673	162880		
P-2A			5171	162098	Sin 4	
T.P.			5719	161550		

F.B. 2616 Pg. 28

Job No. 0021.64 Division No. 10 Notes Red Plotted Profile

Survey of PORTUGUESE BEND LANDSLIDE Date Date No.

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

Indexed C. Johnson Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
	4170	165720		161 550		
T.P.	11750	171708	5762	159958		
T.P.	9688	181093	0303	171405		
T.P.	10411	190985	0519	180574		
P.-3A	0392	190774	0603	190382	Line - 4	
T.P.	8910	188639	11045	179729		
T.P.	1023	178367	11295	177344		
T.P.	0822	168013	11176	167191		
P-3			9998	158015	Line - 4	
T.P.	9858	170~~4~~3 97	7474	160539		
BM 34-18			1748	168649	BM 34-18 ELEV.	Line 4
						9-23-59
					P.B. LANDSLIDE LINE # 4	
BM-34-15-A	2653	233640		230987	BM 34-15-A EL= 230.987	
T.P.	4215	232533	5320	228320		
T.P.	3565	230372	5728	226807		
T.P.	3248	227583	6037	224335		
T.P.	2329	223233	6679	220904		
T.P.	2317	218292	7258	215975		
T.P.	4289	215703	6878	211414		
BM 30-134	3171	213567	5307	210398		

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 29
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes T.C.P. Date 9-22-59
No. ____ Date ____ Date ____ Map No. ____ Index C. Johnson

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		213 567				
TP	5289	212 440	6416	207 151		
BM 50-13	3560	211 538	4462	207978		
T.P.	2713	206 317	7934	203604		
T.B.M# 15	8192	206 081	8428	197889		
W-5			5983	200098		
T.P.	9149	207 015	8215	197866		
R-2	10903	214 270	3648	203367		
T.P.	10 449	224239	0480	213790		
W-4			6295	217944		
T.P.	6341	223902	6678	217561		
W-3			8260	215642		
T.P.	0723	215 449	9176	214726		
W-1			10401	205048		
T.P.	11 494	220280	6663	208786		
T.P.	11 842	231731	0391	219889		
T.P.	6465	237 555	0641	231090		
W-1-A	0494	233749	4300	233255		
T.P.	0228	223615	10362	223387		
T.P.	0477	212783	11309	212306		
T.P.			11608	201175		

F.B. 2616 Pg. 30

Job No. 0021.64 Division No. 10 Notes Red Plotted Profile

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

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

Indexed C. Johnson Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.
	0526	201701		201175
T.P.	2649	193120	11230	190471
T.P.	8628	198222	3526	189594
T.P.	4107	198616	3713	194509
BM 34-17A	5020	198127	5509	193107
T.P.	5139	199005	4261	193866
T.P.	11739	206050	4694	194311
T.P.	11036	216445	0641	205409
T.P.	11253	227116	0582	215863
T.P.	11457	238251	0322	226794
T.P.	11805	249676	0380	237871
T.P.	11860	260959	0577	249099
T.P.	11880	272074	0765	260194
T.P.	10459	281850	0698	271376
T.P.	11827	293163	0494	281336
T.P.	11390	303602	0951	292212
X P-4	1050	303647	1005	302597
T.P.	0924	293126	11445	292202
T.P.	0287	281614	11799	281327
T.P.	0699	272066	10247	271367
T.P.			11882	260184

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 31
No. ____ X-Sec. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by LIND Notes T.C.P. Date 9-23-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76L-298 CE 307 11-58

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F.B. 2616 Pg. 32 Job No. 0021.64 Division No. 10 Notes Red Plotted Profile No.
Survey of PORTUGUESE BEND LANDSLIDE Date Date X-Sec. No.
Survey by LIND Notes T.C.P. Notes Chkd. Checked
Index C. Johnson Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.		
	0329	260513		260184		
T.P.	0288	249373	11428	249085		
T.P.	0254	238113	11514	237859		
T.P.	0375	227157	11331	226782		
T.P.	0435	216287	11305	215852		
T.P.	0758	205922	11123	205164		
T.P.	0658	195459	11121	194801		
T.P.	0858	185078	11239	184220		
T.P.	2520	177078	10520	174558		
BM 34-18			8454	168624		

76L-298 CE 307 11-58

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P.B. LANDSLIDE 9-22-59 LINE #2

STATION	B.S.	H.I.	F.S.	ELEV.	
P.B. 9-A	6510	420719		414209	P.B. 9-A ELEV. 414.209 (FIELD ELEV.)
T.P.	11249	429089	2879	417840	PER PG 25
		BEGIN SIDELINE			
T.P.	11724	440546	0267	428822	
T.P.	5280	444894	0932	439614	
B-1C			2574	442320	
		END SIDELINE			
	7749	425589		417840	
T.P.	1506	416497	10598	414991	
P.T. #1			3796	412701	
B-1B			3824	412673	
T.P.	9801	419799	6499	409998	
B-1 T.P.			6528	413271	
T.P.	10480	421894	8385	411414	B-1
		BEGIN SIDELINE			
T.P.	8215	429917	0192	421702	
C-1			1986	427931	
		END SIDELINE			
	0650	412064		411414	
T.P.	0346	401473	10937	401127	
T.P.			11402	390071	

Profile Notes Red ____ Plotted ____ Job No. 002164 Division No. 10 F.B. 2616 Pg. 38
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by LIND Notes T.C.P. Date 9-22-59
No. ____ Date ____ Date ____ Map No. ____ Index [redacted]

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.
	0483	390554		390071
T.P.	1251	380897	10908	379646
T.P.	0410	370558	10749	370148
T.P.	0220	359850	10928	359630
T.P.	0394	349507	10737	349113
B.M. 50-12			7282	342225
T.P.	10585	359622	0470	349037
T.P.	10285	364425	5482	354140
RADIAL 1	3930	364534	3821	360604
T.P.	0281	354799	10016	354518
T.P.	0394	343729	11464	343335
T.P.	0488	333007	11210	332519
A-3			9708	323299
A-4	4491	326678	10820	322187
G-1	6691	322457	10912	315766
T.P.	3740	318422	7775	314682
SHIELDS	3764	314116	8070	310352
T.P.	1246	303994	11368	302748
T.P.	0745	293282	11457	292537
T.P.	0594	282602	11274	282008
T.P.			11497	271105

F.B. 2616 Pg. 34 Job No. 0021.64 Division No. 10 Notes Red ____ Plotted ____ Profile
Survey of PORTUGUESE BEND LANDSLIDE Date ____ Date ____ No. ____
Survey by LIND Notes T.C.P. Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. Johnson Date ____ Date ____ No. ____

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STATION	B.S.	H.I.	F.S.	ELEV.		
	0570	271675		271105		
T.P.	0717	260679	11713	259962		
T.P.	0320	249539	11460	249219		
T.P.	0317	238590	11266	238273		
T.P.	0804	227710	11684	226906		
T.P.	0470	217199	10981	216729		
T.P.	4603	210798	11004	206195		
T.P.	6461	210437	6822	203976		
BM 50-13	5291	213271	2457	207980		
50-13A			2863	210408	ELEV = 210.396 PG 29 BOTTOM LINE	
					LINE 50 UPPER CRENSHAW 9-24-59	
BM-50-9	9343	1008746		999403	BM 50-9 EL. 999.403	
TP	0513	997622	11637	997109		
TP	0948	986984	11582	986036		
TP	0357	976693	10648	976336		
TP	0576	966644	11625	965068		
TP	0855	955991	10500	955144		
T.B.M. # 11			8716	947283		
TP	0468	945439	11028	944971		
Z-1	0524	935945	10018	935421		

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 PG. 35
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by LIND Notes T.C.P. Date 9-22-59
No. ____ Date ____ Date ____ Map No. ____ Index ____ C. Johnson Date ____

76L-296 CE 307 11-56

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F.B. 2616 Pg. 36 Job No. 0021.64 Division No. 10 Notes Red ____ Plotted ____ Profile ____
Survey of PORTUGUESE BEND LANDSLIDE Date ____ Date ____ No. ____ X-Sec. ____
Survey by LIND Notes ____ Notes Chkd. ____ Checked ____ No. ____
Index C. Johnson Date ____ Date ____ Date ____

9-24-59

STATION	B.S.	H.I.	F.S.	ELEV.
		935 945		
TP	0935	925 150	11724	924221
TP	1179	916 154	10181	914975
TP	0532	906399	10287	905867
TP.	0301	895 950	10750	895649
TP.	0330	885 664	10614	885334
TP.	0547	874245	11968	873698
TP.	0452	863962	10733	863512
BM 50-10			5797	858167
TP	0682	853433	11213	852751
TP.	0504	842 982	10955	842478
TP.	0533	831 801	11712	831268
TP.	0427	820762	11466	820335
TP.	0222	809220	11764	808998
TP.	0192	798434	10978	798242
Y-4			3324	795110
TP	0547	788709	10272	788162
TBM #12			11523	777186
TP.	0474	778939	10244	778465
TP.	0673	768119	11493	767446
TP	0274	756807	11588	756531

761-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		756 807				
T.P.	0.288	745 453	11.642	745.165		
T.P.	0.822	735 488	10.787	734.666		
T.P.	0.386	724 781	11.093	724.395		
T.P.	0.677	713 885	11.573	713.208		
T.P.	0.646	703 297	11.232	702.653		
T.P.	0.645	692 560	11.384	691.915		
T.P.	0.351	682 498	10.413	682.147		
TBM # 13			6.514	675.984		
T.P.	0.776	671 630	11.638	670.860		
T.P.	1.139	661 429	11.346	660.290		
T.P.	2.650	653 390	10.689	650.740		
BM-50-11			5.840	647.550	B.M. 50-11 EL = 647.509	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 37
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes LMD Date 9-24-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L-298 CE 307 11-58

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193.107

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LINE 5 P.B. LANDSLIDE 9-24-59
P.B. 9-A	0282	414491		414209	PER. PAGE 25 LINE 7
TP	0369	404826	10034	404457	
T.P.	0206	394483	10549	394277	
T.P.	0315	383645	11153	383330	
T.P.	0676	373507	10814	372831	*
	BEG SIDE LINE TO S.B. #3				
T.P.	1007	363810	10704	362803	
S.B. #3			10976	352834	
	END SIDE LINE				
T.P.	11432	384263		372831	
S.B. #2	11435	394654	1044	383219	
S.B. #1			5451	389203	
T.P.	9899	400109	4444	390210	
P.T. #2 AUX		UNABLE TO FIND			
TP	0540	390918	9731	390378	
P.T. #3			6614	384304	
TP	0689	381087	10520	380398	
T.P.	2682	373442	10327	370760	
P.T. #4	0986	369194	5234	368208	*
	BEG SIDE LINE TO H-2 & H-4				
	0323	357923	11594	357600	

F.B. 2616 Pg. 38
Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
Survey by LINO Notes LINO Notes Chkd. Checked
Indexed C. Johnson Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		357 923				
T.P.	0306	347 061	11 168	346 755		
T.P.	0520	337 567	10 014	337 047		
H-2	0894	328 514	9947	327 620		
T.P.	3245	322 081	9678	318 836		
H-4			11 099	310 982		
		END SIDE LINE				
		BEG SIDE LINE				
X P.T. # 4	10 477	378 685		368 208 *		
T.P.	9 952	385 722	2915	375 770		
T.P.	6 743	391 905	0560	385 162		
T.P.	7258	397 387	1 776	390 129		
W. FIX			3572	393 815		
		END SIDE LINE				
P.T. # 4	0774	368 982		368 208 *		
T.P.	0688	358 871	10 799	358 183		
T.P.	0595	347 813	11 653	347 218		
P.T. # 5			8728	339 085		
T.P.	0588	337 398	11 003	336 810		
T.P.	1137	327 192	11 343	326 055		
T.P.			11 712	315 480 *		
	P.T. # 6 OUT					

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 39
X-Sec. No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by LINO Notes LINO Date 9-24-59
Date ____ Date ____ Map No. ____ Index ____ Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.	2735	318 214		315480 *		
		BEG	SIDE	LINE		
T.P.	5766	319 433	4548	313 667		
I-1			2433	317 000		
T.P.	0750	309 607	10576	308 857		
T.P.	0348	298 580	11375	298232		
T.P.	5821	293 671	10730	287 850		
I-2			9235	284436		
I-3			11487	282 184		
T.P.	11726	301680	3717	289 954		
BLAKESLEE			0395	301 285		
		END	SIDE	LINE		
T.P.	0573	316053		315 480	← SAME AS TOP LINE	
BM-L			9415	306 638		
T.P.	0757	305037	11773	304280		
T.P.	0803	294285	11555	293 482		
T.P.	0707	286022	8970	285 315		
T.P.	0957	278 155	8824	277 198		
P.T. # 7	[illegible]	[illegible]	8844	269 311		
T.P.	0860	267 780	11235	266 920		
T.P.	0196	256 257	11719	256 061		

F.B. 2616 Pg. 40 Job No. 002664 Division No. 10 Notes Red ____ Plotted ____ Profile ____
Survey of P.B. LANDSLIDE Date ____ Date ____ No. ____
Survey by LIND Notes LIND Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C. Johnson Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		256 257				
T.P.	0 833	246 623	10 467	245 790		
T.P.	0 735	236 159	11 199	235 424		
T.P.	0 301	226 604	9 856	226 303		
T.P.	0 549	217 214	9 939	216 665		
T.P.	2 648	208 057	11 805	205 409		
BM "C"	11 793	215 399	4 451	203 606	*	
		REC. SIDE LINE TO K-1				
K-1			2 127	213 272		
		END SIDE LINE				
BM "C"	0 667	204 273		203 606	*	
T.P.	2 296	195 877	10 692	193 581		
BM 34-17A			2 739	193 138	BM 34-17A SEE pg. 31; EL = 193.107	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 002164 Division No. 10 F.B. 2116 Pg. 41
Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by LINO Notes LINO Date 9-24-57
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	9-25-59 P.B. LANDSLIDE LINE #3	
T.B.M. 34-15A	0601	231588		230987	T.B.M. 34-15A	EL= 230.987
T.P.	0730	221467	10851	220737		
T.P.	0883	211546	10804	210663		
K-13	2726	204469	9803	201743		
T.P.	0730	193317	11882	192587		
K-12			1190	192127		
K-11	0693	182060	11950	181367		
K-10A	0678	173409	9329	172731		
K-10B			3790	169619		
K-10C			5970	167439		
K-10			6004	167405		
T.P.	5585	170414	8580	164829		
K-9A			6923	163491		
K-9B			8519	161895		
K-9	0921	160215	11120	159294		
K-8A			2390	157825		
K-8B			4728	155487		
T.P.	0514	149949	10780	149435		
T.P.	0665	139546	11068	138881		
T.P.			11206	128340		

F.B. 2616 Pg. 42 Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
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Indexed C. Johnson Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.	10709	139049		128340		
		BEGIN SIDELINE				
K-5			3049	136000		
		END SIDELINE				
	0810	129150		128340		
T.P.	0660	118383	11427	117723		
W-3			7735	110648		
W-4			9601	108782		
T.P.	0721	107961	11143	107240		
K-5 AUX			6212	101749		
T.P.	0230	96697	11494	96467		
T.P.	0469	85474	11692	85005		
K-4			4729	80745		
K-A			8310	77164		
T.P.	0825	75247	11052	74422		
K-AB			4873	70374		
T.P.	0209	65686	9770	65477		
K-B			5480	60206		
T.B.M. #28			6880	58806		
K-C			9984	55702		

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 43
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes T.C.P. Date 9-25-59
No. ____ Date ____ Date ____ Map No. ____ Index [redacted]

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STATION	B.S.	H.I.	F.S.	ELEV.		
	1491	57193		55702		
K-3A			2234	54959		
T.P.	0541	46604	11130	46063		
T.P.	2091	41795	6900	39704		
T.B.M. 27 AUX 2					COVERED BY ROAD GRADING	
K-2A			7779	34016		
T.P.	0300	30755	11340	30455		
T.P.	3844	23337	11262	19493		
T.P.	4721	22430	5628	17709		
T.B.M. -26B			8060	14370		
T.B.M. - 26C			5080	17350	NOTE! P.B. CLUBHOUSE BEING WRECKED	
T.P.	4015	20994	5451	16979	PROBABLY THE LAST ELEVATIONS ON	
T.B.M -26			5034	15960	T.B.M.'S 26; 26A; 26B; 26C; 26D; 26E	
T.B.M. 26-D					DESTROYED	
T.B.M. -26A					DESTROYED	
T.P.	6199	23324	3869	17125		
T.B.M. -26E			1890	21434		
T.P.	2913	21260	4971	18353		
T.P.			6889	14377		

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

Plotted ____ Date ____ Checked ____ Date ____

Notes Red ____ Date ____ Notes Chkd. ____ Date ____

Division No. 10 LANDSLIDE

Job No. 0021.64 Notes T.C.D.

Survey of PORTUGUESE BEND

Survey by LIND

Indexed C. Johnson Date ____

F.B. 2616 P. 44

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STATION	B.S.	H.I.	F.S.	ELEV.		
	1289	15 666		14377		
		BEGIN SIDELINE				
P.B. #1			8110	7556		
		END SIDELINE				
	10711	25 088		14377		
CLUBHOUSE			5400	19 688		
P.B.-2A	3468	20593	7963	17125		
T.P.	1170	11898	9865	10728		
T.P.	5351	9 429	7820	4 078		
P.B. #3					UNABLE TO LOCATE	
T.P.	4782	11023	3188	6241		
P.B.-5A					HIGH TIDE - UNDER WATER	
T.P.	3393	10 346	4070	6953		
T.P.	3320	6982	6684	3662		
P.B.-6A					HIGH TIDE - UNDER WATER	
T.P.	4049	7855	3176	3806		
T.P.	6480	12 766	1569	6286		
P.B.-7			0966	11800		
T.P.	0280	9827	3219	9547		
T.P.	3300	10 131	2996	6831		
T.P.			3880	6251		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 45
X-Sec. No. ____ Date ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by LIND Notes T.G.P. Date 9-25-59
Map No. ____ Indexed ____ Date ____ C. Job Date ____

F.B. 2616 Pg. 46

Job No. 0021.64 Division No. 10 Notes Red _____ Plotted _____ Profile

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

Survey by LIND Notes T.C.P. Notes Chkd. _____ Checked _____ X-Sec.

Indexed [redacted] Date _____ Date _____ Date _____ No. _____

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STATION	B.S.	H.I.	F.S.	ELEV.		
P.B. #8	4102	10353	2393	6251	7960	P.B. 8 EL = 7.994

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STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE	LINE #1
P.B. #9	3 768	407 910		404 142	P.B. #9 EL=	404.142
T.P.	6 041	410 364	3 587	404 323	NOTE: STA	BID DESTROYED
"	6 523	413 016	3 871	406 493	By	PLOWING, BY A FARMER.
P.I. 5-A	6 130	414 586	4 560	408 456		
T.P.	4 902	415 806	3 682	410 904		
"	0 361	409 714	6 453	409 353		
T.B.M. #30	0 410	405 737	4 387	405 327		
T.P.	5 359	404 862	6 234	399 503		
"	5 839	407 448	3 253	401 609		
P.I. 4-B	6 455	410 573	3 330	404 118		
T.P.	8 744	416 176	3 141	407 432		
"	11 047	426 085	1 138	415 038	* BEGIN SIDE LINE TO FRUIT TREE #1	
"	4 567	429 874	0 778	425 307		
FRUIT TREE #1			5 377	424 497		
(P.U.) T.P.	4 200	419 238		415 038 *		
"	6 362	424 213	1 387	417 851		
"	4 547	424 812	3 948	420 265		
"	5 077	425 842	4 047	420 765		
S.P.H. G-7	2 332	423 090	5 084	420 758		
R.M.2			1 301	421 789		

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 47
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND L.S.
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes GROOWING Date 10-21-59
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] Date 11-3-59

76L-298 CE 307 11-58

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Bk. 2616 Pg. 48 | Job No. 0021.64 | Division No. 10 | Notes Red | Plotted | Profile
Survey of PORTUGUESE BEND L.S. | Date | Date | No.
Survey by LIND | Notes J.C. GOODWIN | Notes Chkd. | Checked | X-Sec.
Indexed C. J. [illegible] | Date 10-21-59 | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		423 090				
T.P.	1 559	416 951	7 698	415 392		
"	3 627	410 202	10 376	406 575		
"	0 690	399 345	11 547	398 655		
"	0 842	390 453	9 734	389 611		
"	0 604	382 990	8 067	382 386		
"	0 887	377 070	6 807	376 183		
P.I. #3	0 543	373 499	4 114	372 956		
T.P.	0 755	362 666	11 588	361 911		
"	0 443	351 750	11 359	351 307		
"	0 471	343 040	9 181	342 569		
P.I. #2A	1 321	341 486	2 875	340 165		
P.I. #1	0 664	336 233	5 917	335 569	*BEGIN SIDE LINE TO H-7A	
T.P.	0 643	325 930	10 926	325 287		
"	0 671	316 459	10 142	315 788		
"	0 233	305 327	11 365	305 094		
"	0 510	295 215	10 622	294 705		
"	11 778	295 900	11 093	284 122		
H-7A ECC. #2			7 650	288 250		
H-7A			7 491	288 409		
H-7A ECC. #1			7 713	288 187	END SIDE LINE	

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STATION	B.S.	H.I.	F.S.	ELEV.		
P.I. #1	1 093	336 662		335 569	*	
T.P.	1 065	326 437	11 291	325 371		
"	1 891	318 198	10 130	316 307		
"	0 735	307 669	11 264	306 934		
"	0 686	296 887	11 468	296 201		
"	0 464	289 307	8 044	288 843		
"	0 684	286 530	3 461	285 846		
P.B. #10	1 060	280 630	6 960	279 570		
T.P.	0 886	270 853	10 663	269 967		
"	0 523	259 841	11 535	259 318		
"	0 556	249 174	11 223	248 618		
"	1 261	240 029	10 406	238 768		
"	0 678	228 710	11 997	228 032		
	0 252	217 642	11 320	217 390		
W.F. #1			7 144	210 498		
T.P.	1 158	207 743	11 057	206 585		
"	1 193	197 429	11 507	196 236		
"	0 761	186 833	11 357	186 072		
"	1 505	176 473	11 865	174 968		
	5 226	171 946	9 753	166 720		
T.B.M. #31			4 868	167 078	T.B.M. #31 ELEV. = 167.050	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. ____ F.B. 2616 Pg. 40
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X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes GOODWIN Date 10-22-59
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STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE	LINE #4 10-22
BM-34 15A	2907	233894		230987	BM 34-15A ELEV. 230.987	
T.P.	4115	232428	5581	228313		
T.P.	3681	230942	5167	227261		
T.P.	3548	228719	5771	225171		
T.P.	3130	225985	5864	222855		
T.P.	2767	222407	6345	219640		
T.P.	2644	218230	6821	215586		
T.P.	4172	216028	6374	211856		
50-13 A	3310	213711	5627	210401	*	
T.P.	4160	211881	5990	207721		
BM 50-13	2134	210120	3895	207986		
T.P.	4440	208505	6055	204065		
T.B.M.-15	2700	200544	10661	197844		
T.P.	8748	208253	1039	199505		
STA. J-5	8282	208311	8224	200029		
T.P.	7370	208330	7351	200960		
STA. RADIAL 2	11100	214443	4987	203343		
T.P.	9334	218402	5375	209068		
STA J-4	5650	223452	0600	217802		
STA. J-3	7487	222937	8002	215450		
T.P.			11742	211195		

P.B. 2616 Pg. 50 0021.64

Job No. Division No. 10 Notes Red Plotted Profile
Survey of PORTUGUESE BEND L.S. Date Date No. X-Sec.
Survey by C.K. LIND Notes J.C. PETERSON Notes Chkd. Checked
Indexed C. Johnson Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.	1796	212991		211195		
STA. J-1	3721	208598	8114	204877	*	
		BEGIN SIDELINE TO J-1A				
T.P.	10950	218828	0720	207878		
T.P.	10313	228495	0646	218182		
T.P.	10429	237799	1125	227370		
T.P.	7950	244830	0919	236880		
STA. J-1A			11689	233141		
		END SIDELINE				
STA. J-1	3590	208467		204877	*	
T.P.	4624	202421	10670	197797		
T.P.	5042	197830	9633	192788		
T.P.	3831	199519	2142	195688	*	
		BEGIN SIDELINE				
T.P.	0844	189434	10929	188590		
T.P.	0891	178929	11396	178038		
T.P.	1079	169154	10854	168075		
T.P.	0628	158141	11641	157513		
T.P.	1382	147993	11530	146611		
T.P.	1515	137522	11986	136007		
T.B.M.-25			11762	125760	END SIDELINE	

Profile No. ___ Notes Red ___ Plotted ___ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 51
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Notes Chkd. ___ Checked ___ Survey by LIND Notes T.C.P. Date 10-22-59
Date ___ Date ___ Map No. ___ Indexed C. Johnson

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F.B. 2616 PG. 52 Job No. 0021.64 Division No. 10 Notes Red Plotted Profile No.
Survey of PORTUGUESE BEND LANDSLIDE Date Date X-Sec. No.
Survey by LIND Notes T.C.P. Notes Chkd. Checked
Indexed K. C. JOHNSON Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.		
	1388	197076		195688	*	
T.P.	5824	193355	9545	187531		
T.P.	6989	198845	1499	191856		
T.P.	5691	199036	5500	193345		
B.M. 34-17A	4820	197974	5882	193154		
T.P.	5671	199326	4319	193655		
T.P.	3299	197550	5075	194251		
T.P.	2354	195391	4513	193037		
T.P.	10950	196839	9502	185889	*	
	BEGIN SIDELINE					
T.P.	10396	206547	0688	196151		
T.P.	11054	217039	0562	205985		
T.P.	10756	226881	0914	216125		
T.P.	11065	237244	0702	226179		
T.P.	10290	247231	0303	236941		
T.P.	10322	256108	1445	245786		
T.P.	11755	267654	0209	255899		
T.P.	10113	277131	0636	267018		
T.P.	11398	288047	0482	276649		
T.P.	10208	297794	0461	287586		
T.P.			1521	296273		

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STATION	B.S.	H.I.	F.S.	ELEV.		
	10511	306784		296273		
P-4			4132	302652		
	END	SIDELINE				
T.P.	1469	187358		185889 *		
T.P.	1100	177269	11189	176169		
B.M. 34-18	1883	170575	8577	168692	BM 34-18 ELEV. 168,682	
T.P.	8615	168522	10668	159907 *		
		BEGIN	SIDELINE	TO P-3A		
T.P.	11634	178866	1290	167232		
T.P.	8868	187367	0367	178499		
T.P.	7114	192051	2430	184937		
P-3A			1622	190429		
	END	SIDELINE				
T.P.	2528	162435		159907 *		
P-3	6386	164448	4373	158062		
T.P.	6120	166655	3913	160535		
T.P.	5831	168159	4327	162328		
P-2			4743	163416		
T.P.	6718	171089	3788	164371		
T.B.M. -31			4001	167088	T.B.M. -31 ELEV. 167.050	
		END	OF	RUN		

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X-Sec. No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
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STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE	LINE # 50 UPPER CRENSHAW
BM 50-9	10453	1009856		999403	BM 50-9 ELEV.	999.403 10-23-59
T.P.	0278	998727	11407	998449		
T.P.	0560	987595	11692	987035		
T.P.	0969	977476	11088	976507		
T.P.	0764	966582	11658	965818		
T.P.	0430	956089	10923	955659		
T.B.M. # 11			8792	947297		
T.P.	0922	945306	11705	944384		
Z-1	0644	936069	9881	935425		
T.P.	0800	925641	11228	924841		
T.P.	0616	914956	11301	914340		
T.P.	0344	903960	11340	903616		
T.P.	0452	892619	11793	892167		
T.P.	0186	881494	11311	881308		
T.P.	0809	871045	11258	870236		
T.P.	2578	862318	11305	859740		
B.M. 50-10			4154	858164		
T.P.	0513	851148	11683	850635		
T.P.	1046	840700	11494	839654		
T.P.	0568	829779	11489	829211		
T.P.			11668	818111		

T.B. 2616 Pg. 54

Job No. 002164 Division No. 10 Notes Red Plotted Profile

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

Survey by [illegible] Notes T.C.P. Notes Chkd. Checked

Indexed Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.	0664	818775		818111		
T.P.	0609	807,589	11795	806980		
T.P.	0664	796451	11802	795787		
Y-4			1365	795086		
T.P.	3318	788045	11724	784727		
T.B.M. #12			10877	777168		
T.P.	0491	776875	11661	776384		
T.P.	0542	765547	11870	765005		
T.P.	0284	754041	11790	753757		
T.P.	0673	743791	10923	743118		
T.P.	0583	732611	11763	732028		
T.P.	0802	721586	11827	720784		
T.P.	0206	709937	11855	709731		
T.P.	0437	698836	11538	698399		
T.P.	0418	687332	11922	686914		
T.B.M.-13			11364	675968		
T.P.	0363	675854	11841	675491		
T.P.	0822	664884	11792	664062		
T.P.	3157	656366	11675	653209		
B.M. 50-11			8838	647528	BM 50-11 El= 647.509	
		END OF RUN				

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 55
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes T.C.P. Date 10-23-59
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STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE	LINE #5
P.B. #9	3861	408003		404142	P.B. #9 ELEV. 404.142	
T.P.	5868	409931	3940	404063		
T.P.	5803	412182	3552	406379		
T.P.	6429	414781	3830	408352		
T.P.	6474	418263	2992	411789		
P.B. # 9-A	1051	415256	4058	414205	*	
T.P.	0891	405343	10804	404452		
T.P.	1015	396833	9525	395818		
T.P.	0646	385844	11635	385198		
T.P.	1565	377195	10214	375630	*	
		BEGIN SIDELINE				
T.P.	2063	368817	10441	366754		
T.P.	1540	359806	10551	358266		
S.B. #3			6975	352831		
		END SIDELINE				
T.P.	10292	385922		375630	*	
S.B. #2	10430	393647	2705	383217		
S.B. #1			4473	389174		
T.P.	8065	398780	2932	390715		
P.T. 2 AUX 5	0657	393499	5938	392842	P.T. #2 AUX 5 (REPLACES AUX 4) SET SPK W&T	
T.P.			8595	384904		

F.B. 2616 Pg. 56

Job No. 0021.64 Division No. 10 Notes Red ____ Plotted ____ Profile ____

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

Survey by LIND Notes T.C.P. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed K. C. Johnson Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
	0296	385200		384904		
P.T. #3			0964	384236		
T.P.	1035	375873	10362	374838		
P.T. #4	2430	370555	7748	368125*		
	BEGIN SIDELINES					
T.P.	0958	360025	11488	359067		
T.P.	0779	349521	11283	348742		
T.P.	1123	338804	11840	337681		
H-2	1303	328809	11298	327506		
T.P.	0486	318577	10718	318091		
H-4			7666	310911		
P.T. #4	0519	368644		368125*		
T.P.	7522	375742	0424	368220		
T.P.	11260	386467	0535	375207		
T.P.	11930	397585	0812	385655		
WEST FIX			3801	393784		
	END SIDELINES					
	0732	368857		368125*		
T.P.	0651	357953	11555	357302		
T.P.			10879	347074		

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F. B. 2616 Pg. 58 Job No. 0021.64 Division No. 10 Notes Red ____ Plotted ____ Profile ____
Survey of PORTUGUESE BEND LANDSLIDE Date ____ Date ____ No. ____ X-Sec. ____
Survey by LIND Notes T.C.P. Notes Chkd. ____ Checked ____
Indexed C. Johnson Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
	0401	347475		347074		
P.T. #5	1070	340064	8481	338994		
T.P.	0540	329743	10861	329203		
T.P.	0555	319967	10331	319412		
P.T. #6 AUX #3	6924	318651	8240	311727	P.T. #6 - AUX 3 (REPLACES AUX 2) SET LG BT. SPK W. & T	BEGIN SIDELINE
T.P.	10253	320234	8670	309981 *		
I-1			3255	316979		
T.P.	0571	310552		309981 *		
T.P.	1340	300112	11780	298772		
T.P.	6088	295122	11078	289034		
I-2	7221	291543	10800	284322		
I-3			9431	282112		
T.P.	11630	301504	16[illegible]	289874		
BLAKSLEE			[illegible]	301249		
			END	SIDE LINE		
P.T. 6 AUX #3	1774	313501		311727		
B.M. - L					UNABLE TO LOCATE	
T.P.	1055	303203	11354	292147		
T.P.	0740	292371	11571	291631		
T.P.			11461	280910		

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	2345	283255		280910		
T.P.	0790	273011	11034	272221		
P.T. #7	0631	269851	3791	269220		
T.P.	0633	260121	10363	259488		
T.P.	[illegible]	248[illegible]	11454	248667		
T.P.	0523	240118	9381	[illegible]		
T.P.	0370	230130	10358	229760		
T.P.	0824	219721	11233	218897		
T.P.	0925	209133	11516	208205		
BM "C"	11891	215471	[illegible]	203580 *		
	[illegible]	[illegible]	[illegible]	TO K-1		
K-1			2211	213.2[illegible]		
	END [illegible] LINE					
BM "C"	0535	[illegible]		203580 *		
T.P.	[illegible]	[illegible]	[illegible]	193[illegible]		
BM [illegible]			2825	[illegible]3.100	[illegible]	[illegible] pg. 52

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 002164 Division No. 10 Survey of PORTUGUESE BEND LANDSLIDE Survey by LIND Notes T.C.P. Date 10-23-59 Map No. Index [illegible] Date

F. B. 2616 Pg. 59

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STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE LINE #3 10-26-59
BM 34-15A	0500	231487		230987	BM 34-15A ELEV. 230.987
T.P.	0482	221220	10749	220738	
T.P.	0380	211045	10555	210665	
K-13			9294	201751	
T.P.	0380	199975	11450	1[illegible]595	
K-12			7847	192128	
T.P.	0599	189789	10785	189190	
K-11			8416	[illegible]	
T.P.	0405	178995	11199	178590	
K-10A			6[illegible]	17[illegible]794	
K-10B			9376	169619	
K-10C	2072	169506	11561	167434	
K-10			2110	167396	
K-9A			6011	163495	
K-9B			[illegible]	161904	
K-9			[illegible]	[illegible]	
K-8A	0619	158447	11678	15[illegible]	
K-8B			2957	155[illegible]	
T.P.	0368	147545	11470	146977	
T.P.	0372	136995	10922	13[illegible]	
T.P.			8727	128268	

F. B. 7616 Pg. 60 Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile
Survey of Pontecorvo Land Landslide Date Date No. X-Sec.
Survey by Land Notes Peterson Notes Chkd. Checked
Indexed C. Johnson Date Date No.

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
T.P	9595	137 863		128 268	*	
			BEGIN	SIDELINE		
K-5			1850	136 013		
			END	SIDELINE		
T.P	0269	128 537		128 268	*	
T.P.	0419	118 472	10484	110053		
W-3			7818	110654		
W-4			9682	108790		
T.P.	0415	107 665	11 222	107 250		
K-5 AUX.	0481	102 236	5910	101 755		
T.P.	0406	90 912	11730	90506		
K-4	0364	80 883	10393	80519		
K-A			3954	76929		
K AB	0289	70432	10740	70 143		
K-B					UNABLE TO LOCATE - COVERED	
T.B.M. #28	1261	59 974	11719	58 713		
K-C					UNABLE TO LOCATE	
K-3A			5109	54 865		
T.P.	0182	49 120	11 036	48 938		
T.P.	0983	42 574	7529	41 591		
K2A			8389	34 185		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 002164 Division No. 10 F.B. 2616 Pg. 61

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

Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by LIND Notes T.C.P. Date 10-26-59

Map No. ____ Index [redacted]

76L-296 CE 307 11-58

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F.B. 2616 Pg. 62 Job No. 0021.64 Division No. 10 Notes Red ____ Plotted ____ Profile
Survey of PORTUGUESE BEND LANDSLIDE Date ____ Date ____ No. ____
Survey by LIND Notes T.C.P. Notes Chkd. ____ Checked ____ X-Sec.
Indexed C. Johnson Date ____ Date ____ No. ____

STATION	B.S.	H.I.	F.S.	ELEV.		
		42574				
T.P.	0574	32008	11140	31434		
T.P.	0335	21545	10798	21210		
T.P.	5667	23513	3621	17924		
T.B.M.# 26			7650	[illegible]	NOTE! P.B. CLUBHOUSE HAS BEEN RAZED.	
CLUBHOUSE	5792	25634	3711	17882*	DESTROYING T.B.M.'S #26A; 26B; 26C, 26D &	
	BEGIN	SIDE LINE			26F	
T.P.	2665	18777	9522	[illegible]		
T.P.	7421	15558	10640	7137		
P.B.# 1			7982	7576		
	END	SIDE LINE				
CLUBHOUSE	5865	25747		[illegible]*		
P.B. -2A	3229	20634	8342	17405		
T.P.	1255	12141	9748	[illegible]		
T.P.	8691	13143	7689	4452		
T.P.	6901	10783	9261	3882		
P.B. 5-A			10033	750		
T.P.	6200	13380	3603	7180		
T.P.	3990	14004	3366	10014		
T.P.			9700	4304		
P.B. 6-A			13659	0345		

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.	4423	8 727		4304		
T.P.	6721	12780	2668	6059		
P.B. #7			1032	11748		
T.P.	3330	10 156	5954	6826		
T.P.	4359	10405	4110	6046		
T.P.	3869	10 634	3640	6765		
P.B. #8			2692	7942	P.B. #8 ELEV. 7.994	
			END OF RUN			
	P.B. LANDSLIDE			LEVEL LINE #2		10-27-59
B.M. P.B. 9-A	6847	421052		414 205	BM P.B 9-A ELEV 414.205 PER PG. 56	
T.P.	11641	431194	1499	419553 *		
		BEGIN	SIDELINE		TO B-1C	
T.P.	11048	441 835	0407	430787		
T.P.	7206	446553	2488	439347		
B-1C			4230	442323		
		END	SIDELINE			
T.P.	3105	422 658		419 553 *		
T.P.	3220	416179	9699	412959		
PT. #1			3682	412497		
B-1B			3786	412393		

Profile Notes Red ____ Plotted ____ Job No. 002164 Division No. 10
No. ____ Date ____ Date ____ Survey of BERTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes T.C.P. Date 10-26-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Tebrande
F.B. 2616 Pg. 63

76L-298 CE 307 11-56

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F.B. 2616 Pg. 64 Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date Date No.
Survey by LIND Notes T.C.P. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.		
		416179				
T.P.	8140	420099	4220	411959		
B-1			9105	410994		
T.P.	11651	422240	9510	410589		
T.P.			10432	411808	*	
		BEGIN SIDELINE				
T.P.	9333	430943	0630	421610		
C-1			3168	427775		
		END SIDELINE				
T.P.	1036	412844		411808	*	
T.P.	0732	402832	10744	402100		
T.P.	0738	393029	10541	392291		
T.P.	0811	384080	9760	383269		
T.P.	3892	377947	10025	374055		
T.P.	0316	367273	10990	366957	*	
		BEGIN SIDELINE				
T.P.	1761	358887	10147	357126		
T.P.	1773	349318	11342	347545		
BM 50-12			7252	342066		
		END SIDELINE				

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P	4930	371887		366957 *		
RADIAL 1	3101	363589	11399	360488		
T.P.	0525	354952	9162	354427		
T.P	1178	344402	11728	343224		
T.P.	0340	332756	11986	332416		
A-3			9582	323174		
A-4	2210	324396	10570	322186		
G-1	6808	322505	8699	315697		
T.P.	3780	318477	7808	314697		
SHIELDS	3920	314237	8160	310317		
T.P.	5450	313928	5759	308478		
T.P.	0210	306979	7159	306769		
T.P.	1028	298068	9939	297040		
T.P.	1971	288821	11218	286850		
T.P.	0291	279371	9741	279080		
T.P.	0553	268663	11261	268110		
T.P.	1067	258202	11528	257135		
T.P.	0328	247109	11421	246781		
T.P.	0842	236441	11510	235599		
T.P.	0666	225619	11488	224953		
T.P.			11882	213737		

Profile Notes Red ____ Plotted ____ Job No. 002164 Division No. 10
No. ____ X-Sec. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by LIND Notes T.C.P. Date 10-27-59
Date ____ Map No. ____ Index C. Johnson Date ____

F.B. 2616 Pg 5

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.	0715	214452		213737		
T.P.	0940	208764	6628	201824		
T.P.	8352	209857	7259	201505		
T.P.	6662	212438	4081	205776		
T.P.	6490	215178	3750	208688		
T.B.M. 50-13A			4811	210367	T.B.M. 50-13 A ELEV.	210.401 PER PG. 50
		END	OF	RUN		

F.B. 2616 Pg. 66

Job No. 0021.64 Division No. 10 Notes Red Plotted Profile

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

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

Indexed C. Johnson Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
P.B. 5-A	777	8 54		0.77	P.B. 5-A EL =	0.77
T.P.	876	15 82	148	7 06		
T.P.	1187	25 40	229	13 53		
T.P.	1155	36 51	044	24 96		
T.P.	623	40 95	179	34 72		
T.B.M. 27 Aux 3			316	37.79	T.B.M. 27 AUX-3	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 67
No. ____ Date ____ Date ____ Survey of Portuguese Bend Landslide
X-Sec. Notes Chkd. ____ Checked [illegible] Survey by Lino Notes Lino Date 11-30-59
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] G. Johnson Date DEC 2 '59

F.B. 2616 PG. 68

Job No. 2021.64 Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of P.B. LANDSLIDE Date _____ Date _____ No. _____

Survey by LINN Notes LINN 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 CE 307 11-56

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P.B. LANDSLIDE 12-18-59 Line #4

STATION	B.S.	H.I.	F.S.	ELEV.	
B.M. 34-15A	2 422	233 409	5 859	230 987	BM 34-15A El= 230.897
T.P.	3 600	231 150	5 850	227 550	
T.P.	3 331	228 631	5 793	225 300	
T.P.	3 005	225 843	6 536	222 838	
T.P.	2 410	221 717	7 487	219 307	
T.P.	3 108	217 338	6 950	214 230	
T.B.M. 50-13A	3 744	214 132	6 988	210 388	
T.P.	3 644	210 788	2 816	207 144	
B.M. 50-13			6 735	207 972	
T.P.	3 220	207 273	9 535	204 053	
T.B.M. # 15	4 124	201 862	0 253	197 738	
T.P.	7 740	209 349	9 457	201 609	
J-5			2 117	199 882	
T.P.	7 368	214 600	11 354	207 232	
R-2			1 855	203 246	
T.P.	5 568	218 313	0 798	212 745	
J-4	4 790	222 305	7 247	217 515	
J-3			5 342	215 058	
T.P.	0 476	217 439	10 971	216 963	
T.P.	4 330	210 798	6 306	206 468	
J-1				204 492	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 002164 Division No. 10
X-Sec. No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
Notes Chkd. [illegible] Checked ____ Survey by LIND Notes WILKS Date 12-18-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date 12-29-59

F.B. 2616 Pg. 69

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	
		210 798	1 285		
T.P.	9 911	219 424	0 662	209 513	
T.P.	11 581	230 343	2 401	218 762	
T.P	11 382	239 324	6 462	227 942	
J-1A	1 374	234 236	11 495	232 862	
T.P.	1 385	224 126	10 991	222 741	
T.P	0 740	213 875	10 962	213 135	
T.P.	1 506	204 419	11 122	202 913	
T.P.	7 668	200 965	10 885	193 297	* BEGIN SIDELINE
T.P.	1 416	191 496	10 717	190 080	
T.P.	1 310	182 089	11 057	180 779	
T.P.	1 025	172 057	10 725	171 032	
T.P.	1 578	162 910	10 361	161 332	
T.P.	0 895	153 444	11 339	152 549	
T.P.	1 055	143 160	11 128	142 105	
T.P.	1 556	133 588	7 789	132 032	
T.B.M.# 25				125 799	END SIDELINE
T.P.	0 690	193 987	7 280	193 297	*
T.P.	8 650	195 357	1 001	186 707	
T.P.	5 600	199 956	6 927	194 356	
B.M. 34-17A	4 603	197 632		193 029	

Profile
Plotted
Date 12-18-59
No.
X-Sec.
Checked
Date
No.
Notes Red
Notes Chkd.
Date
Division No.
Job No. 0021.64
Survey of P.B. LANDSLIDE
Survey by LIND
Notes WILKS
Indexed C. Johnson
Date
P.B. 2616 Pg. 70

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		197 632	4 987			
T.P.	6 456	199 101	5 020	192 645		
T.P.	3 490	197 571	5 090	194 081		
T.P.	4 826	197 307	11 475	192 481		
T.P.	9 648	195 480	0 202	185 832	BEGIN SIDELINE	
T.P.	11 828	207 106	0 215	195 278		
T.P.	11 143	218 034	0 221	206 891		
T.P.	10 586	228 399	0 195	217 813		
T.P.	11 381	239 585	0 656	228 204		
T.P.	11 456	250 385	0 485	238 929		
T.P.	10 976	260 876	0 212	249 900		
T.P.	10 893	271 557	4 613	260 664		
T.P.	11 082	278 026	1 451	266 944		
T.P.	11 385	287 960	0 448	276 575		
T.P.	9 647	297 159	0 960	287 512		
T.P.	10 077	306 276	3 704	296 199		
P.4				302 572	END SIDELINE	
T.P.	0 890	186 722	10 610	185 832		
T.P.	0 635	176 747	8 108	176 112		
B.M. 34-18	1 182	169 821	10 487	168 639		
T.P.	11 453	170 787		159 334	BEGIN SIDELINE	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes WILKS Date 12-18-59
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] C. Johnson

F.B. 2616 Pg. 71

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STATION	B.S.	H.I.	F.S.	ELEV.		
		170 787	0 454			
T.P.	10 607	180 940	0 352	170 333		
T.P.	7 171	187 759	3 140	180 588		
T.P.	7 922	192 541	2 035	184 619		
P-3A				190 506	END SIDELINE	
T.P.	3 021	162 355	4 340	159 334		
T.P.	5 792	163 807	3 864	158 015		
T.P.	5 708	165 651	3 749	159 943		
T.P.	5 545	167 447	4 089	161 902		
P-2	6 701	170 059	3 025	163 358		
T.B.M.#31				167 034	T.B.M.#31 EL.= 167.050	

F.B. 2616 Pg. 72

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

Survey of P.B. LANDSLIDE Date 12-18-59 Date ____ No. ____

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

Indexed C. Johnson Date ____ Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE LINE #3 12-21-59	
BM 3415 A	1 650	232 637		230.987	BM 34-15 A	EL= 230.987
T.P.	0 670	222 706	10601	222036		
T.P.	0 414	213 620	9500	213206		
K-13	1 961	203 706	11 875	201 745	STA. K-13	
T.P.	0 491	192 768	11 429	192 277		
K-12			0646	192122	STA. K-12	
K-11	1 012	182 386	11 394	181 374	STA. K-11	
K-10A	0 718	173 454	9 650	172 736	STA. K-10A	
K-10B			3833	169 621	STA. K-10B	
K-10C			6 027	167 427	STA. K-10C	
K-10			6 071	167 383	STA. K-10	
K-9A	5 424	168 924	9 954	163 500	STA. K-9A	
K-9B			7016	161 908	STA. K-9B	
K-9			9622	159 302	STA. K-9	
K-8A	0 685	158 521	11 088	157 836	STA. K-8A	
K-8B			3027	155 494	STA. K-8B	
T.P.	0 649	148 125	11 045	147 476		
T.P.	1 620	138 042	11703	136 422		
T.P.	10 471	140 128	8 385	129 657	*	
	BEGIN SIDELINE SHOTS					
K-5			4 100	136 028	STA. K-5	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 73
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LINO Notes BAZAN Date 12-21-59
No. ____ Date ____ Date ____ Map No. ____ Index C. Johnston

76L-298 CE 307 11-58

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F.B. 2616 Pg. 74 Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LAND SLIDE Date 12-21-59 No. X-Sec.
Survey by LAND Notes J. J. BAREN Notes Chkd. Checked No.
Indexed C. Johnson Date Date Date

STATION	B.S.	H.I.	F.S.	ELEV.	
END OF SIDELINE SHOTS					
T.P.	0615	130272		129657	* PER PG 73.
T.P.	0977	120439	10810	119462	
W-4	3672	112451	11660	108779	STA. W-4
W-3			1785	110666	STA W-3
K-5 AUX	0751	102533	10669	101782	STA K-5 AUX
T.P.	0710	91522	11721	90812	
K-4	0629	80803	11348	80174	STA. K-4
K-A			4216	76587	STA. K-A
K-AB	0744	70547	11000	69803	STA K-AB
T.P.	1111	61227	10431	60116	
T.B.M. #28			2610	58617	T.B.M. # 28
K-3A	2367	57151	6443	54784	STA. K-3A
T.P.	0665	46907	10909	46242	
T.B.M. #27 AUX 3	2817	39784	9940	36967	T.B.M. #27 AUX 3
K-2A			5323	34461	STA. K-2A
T.P.	0287	28541	11530	28254	
T.P.	5438	22751	11228	17313	
T.P.	4150	21888	5013	17738	
T.B.M. #26	7088	23067	5909	15979	T.B.M. # 26
P.B. #1	5694	25901	2860	20207	P.B. #1 * ? What Station.

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STATION	B.S.	H.I.	F.S.	ELEV.	
		25 901			
	BEGIN SIDELINE SHOTS.				
T.P.	6023	23 005	8 919	16982	
T.P.	1 915	14 270	10650	12355	
P.B.# 1			6651	7619	P.B.# 1
	END OF SIDELINE SHOTS				
P.B.#1.	5894	26 101		20207	P.B.#1 PER PG. 74.
P.B.#2-A	2914	20 774	8 241	17860	P.B.# 2-A
T.P.	0208	10 422	10560	10 214	
T.P.	5164	8 166	7420	3 002	
T.P.	6966	11 166	3966	4 200	
T.P.	6 699	14 145	3720	7 446	
P.B 5-A			13375	0 770	
T.P.	0588	11 510	3223	10 922	
T.P.	5442	9 982	6970	4 540	
P.B 6-A			9612	0 370	
T.P.	5366	12977	2371	7 611	
P.B.#7.			1169	11808	P.B.#7
T.P.	1 720	11 396	3301	9 676	
T.P.	4 669	9 116	6949	4 447	
T.P.	4481	9 497	4,100	5 016	
P.B. #8			1490	8 007	P.B.#8 EL = 7.994

Profile Notes Red ____ Plotted ____ Job No. 002164 Division No. 10 F.B. 2616 Pg. 75
No. X-Sec. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
No. ____ Notes Chkd. ____ Checked ____ Survey by LIND Notes BRZEN Date 12-21-59
Date ____ Date ____ Map No. ____ Indexed C. Job Date

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE	LINE #5 12/22/59
P.B. #9	3960	408102		404142	P.B. #9 EL= 404.142	
T.P.	6089	410151	4040	404062		
T.P.	6079	412460	3770	406381		
T.P.	6084	414424	4120	408340		
T.P.	5996	417792	2628	411796		
P.B. #9-A	0350	414560	3582	414210	P.B. #9-A	
T.P.	0355	404807	10108	404452		
T.P.	0727	394934	10600	394207		
T.P.	0864	384297	11501	383433		
T.P. (SPK)	10931	383769	11459	372838	(SPK) *	
	BEGIN SIDLINE SHOTS.					
T.P.	4000	387320	0449	383320		
T.P.	10941	397336	0925	386395		
W. FIX			3526	393810	STA. W-FIX	
	END OF SIDELINE SHOTS.					
	BEGIN SIDELINE SHOTS.					
T.P. (SPK)	0677	373515		372838	T.P. (SPK) *	
T.P.	0681	363129	11067	362448		
S.B. #3			10289	352840	S.B. #3.	
	END OF SIDELINE SHOTS.					
T.P. (SPK)	11075	383913		372838	T.P. (SPK) *	

P.B. 2616 Pg. 76

Job No. 0021.64 Division No. 10 Notes Red Plotted Profile

Survey of P.B. LANDSLIDE Date 12-22-59 Date No. X-Sec.

Survey by LIND Notes J.J. BAZEN Notes Chkd. Checked

Indexed C. Johnson Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I. 383 913	F.S.	ELEV.	
S.B.#2	11 151	394 373	0691	383 222	S.B.#2
S.B.#1			5246	389127	S.B.#1.
T.P.	7704	398 607	3470	390903	
T.P.	0305	393 083	5829	392778	
P.T.#3	0501	384 623	8961	384122	P.T.#3
T.P.	2508	375243	11888	372735	
P.T.#4	0815	368 817	7241	368002	P.T.#4 *
	BEGIN SIDELINE				
T.P.	0374	357 718	11 473	357344	
T.P.	0312	346 821	11 209	346509	
T.P.	0249	337 009	10061	336760	
H-2	0541	327873	9677	327332	STA. H-2
T.P.	0781	318 744	9910	317963	
H-4			7955	310789	STA. H-4
	END OF SIDELINE				
P.T.#4	1030	369032		368 002	P.T.#4 *
T.P.	0666	358 641	11057	357975	
T.P.	1461	349352	10750	347891	
P.T.#5	0636	339 487	10501	338 851	P.T.#5
T.P.	0783	328 821	11 449	328038	
	1359	320632	9548	319273	

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 0021.64 Division No. 10 Survey of P.B. LANDSLIDE Survey by LIND Notes BAZEN Date 12-22-59 Map No. Indexed C. Johnson Date

F.B. 2616 Pg. 77

76L-298 CE 307 11-58

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F.B. 2616 Pg. 78 | Job No. 0021.64 | Division No. 10 | Notes Red | Plotted | Profile No.
Survey of P. B. LANDSLIDE | Date 12-22-57 | Date | X-Sec. No.
Survey by LIND | Notes BAZEN | Notes Chkd. | Checked
Indexed C. Johnson | Date | Date | No.

STATION	B.S.	H.I. 320632	F.S.	ELEV.		
T.P. (SPK)	10658	321520	9770	310862	T.P. (SPK) *	
	BEGIN	SIDELINE				
			9940	311580	SPK. W. & TIN. 50'± E.	
I-1	3630	320488	4662	316858	I-1	
T.P.	0649	310039	11098	309390		
T.P.	0700	298844	11895	298144		
T.P.	6069	292909	12004	286840		
I-2			8892	284017	I-2	
I-3			11029	281880	I-3	
T.P.	11650	301281	3278	297631		
BLAKESLEY			0220	301061	STA. BLAKESLEY	
T.P. (SPK)	0734	311596		310862	T.P. (SPK) *	
B.M. -L			5297	306299	B.M. -L	
T.P.	0644	301446	10794	300802		
T.P.	0222	291697	9971	291475		
T.P.	0362	281060	10999	280698		
P.T. #7	1399	270464	11995	269065	P.T. #7	
T.P.	0306	259595	11175	259289		
T.P.	0299	248193	11701	247894		
T.P.	0536	238056	10673	237520		

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STATION	B.S.	H.I. 238.056	F.S.	ELEV.		
T.P.	0.665	227.354	11.367	226.689		
T.P.	1.002	217.424	10.932	216.422		
T.P.	2.345	210.505	9.264	208.160		
B.M.-C	11.988	215.521	6.972	203.533	B.M.-C *	
BEGIN SIDELINE						
STA. K-1			2.289	213.232	K-1	
END OF SIDELINE						
B.M.-C	0.459	203.992		203.533	B.M.-C *	
T.P.	3.533	198.845	8.680	195.312		
B.M. 34-17-A			5.791	193.054	B.M. 34-17A	193.029 pg. 70 BOT LINE

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 79
X-Sec. No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by LIND Notes BAZEN Date 12-22-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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F.B. 2616 Pg. 80 Job No. 0021.64 Division No. 10 Notes Red Plotted Profile No.
Survey of P.B. LANDSLIDE Date 12-22-59 Date X-Sec. No.
Survey by LIND Notes J.J. BAZEN Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE LINE #50 UPPER CRENSHAW
B.M. 50-9	10825	1010228		999403	B.M. 50-9 EL= 999.403
T.P.	1164	1000109	11283	998945	
T.P.	0804	990245	10668	989441	
T.P.	0810	979777	11278	978967	
T.P.	1850	970900	10727	969050	
T.P.	1354	961053	11201	959699	
T.P.	1923	951285	11691	949362	
T.B.M. #11			3988	947297	T.B.M. #11
T.P.	1621	941282	11624	939661	
STA. Z-1			5855	935427	Z-1
T.P.	1794	931316	11760	929522	
T.P.	2071	922117	11270	920046	
T.P.	1876	912831	11162	910955	
T.P.	1397	902379	11849	900982	
T.P.	1385	891947	11817	890562	
T.P.	1763	882789	10921	881026	
T.P.	1545	873284	11050	871739	
T.P.	0948	864501	9731	863553	
B.M. 50-10			6296	858205	
T.P.	1735	855566	10670	853831	
T.P.	1450	845329	11687	843879	

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STATION	B.S.	H.I. 845 329	F.S.	ELEV.		
T.P.	0888	835203	11014	834315		
T.P.	1315	825486	11032	824171		
T.P.	1357	815313	11530	813956		
T.P.	1019	805328	11004	804309		
STA. Y-4			10821	794507	STA. Y-4	
T.P.	0692	795007	11013	794315		
T.P.	3912	787364	11555	783452		
T.B.M. #12			10128	777236	T.B.M. #12	
T.P.	1180	777404	11140	776224		
T.P.	0898	767452	10850	766554		
T.P.	1353	757935	10870	756582		
T.P.	1290	748185	11040	746895		
T.P.	0875	738074	10986	737199		
T.P.	1539	727707	11906	726168		
T.P.	1280	717499	11488	716219		
T.P.	1288	707597	11190	706309		
T.P.	1677	697629	11645	695952		
T.P.	1062	686842	11849	685780		
T.B.M. #13	0533	676594	10781	676061	T.B.M. #13	
T.P.	1047	666301	11340	665254		
	1038	658163	9176	657125		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 81
X-Sec. No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by LIND Notes BAZEN Date 12-22-58
Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.		
		658163				
B.M. 50-11			10530	647633	B.M. 50-11	
					P.B. LANDSLIDE 12-23-59 LINE #2	
P.B. 9-A	7373	421583		414 210	P.B. 9-A EL = 414.210 PER PG 76	
T.P.	10863	429562	2884	418 699 *		
	BEG SIDE LINE TO B-1-C					
T.P.	11508	440330	0740	428 822		
T.P.	4305	443907	0728	439 602		
B-1-C			1587	442 320		
	END SIDE LINE					
T.P.	4198	422897		418 699 *		
T.P.	2445	415 469	9873	413 024		
P.T. #1			3263	412 206		
B-1-B			3497	411 972		
T.P.	6635	418 258	3846	411 623		
B-1			7631	410 627		
T.P.	11572	420845	8985	409 273		
T.P.	9307	429.543	0609	420 236 *		
	BEG SIDE LINE TO C-1					
C-1			1924	427 618		
	END SIDE LINE					

F.B. 2616 Pg. 82 Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date 12-22-59 Date No. X-Sec.
Survey by LIND Notes JJ BAZEN Notes Chkd. Checked
Indexed C. Johnson Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.	0878	421 114		420 236 *		
T.P.	0803	412 200	9717	411 397		
T.P.	0193	401 381	11 012	401 188		
T.P.	0432	392 228	9585	391 796		
T.P.	0393	383 166	9455	382 773		
T.P.	2450	374 211	11 405	371 761		
T.P.	0200	363 999	10 412	363 799 *		
	BEC SIDE LINE TO BM 50-12					
T.P.	0667	353 634	11 032	352 967		
T.P.	2238	344 506	11 366	342 268		
BM 50-12			2621	341 885		
	END SIDE LINE					
T.P.	3239	367 038		363 799 *		
R-1			6655	360 383		
T.P.	1470	361 030	7478	359 560		
T.P.	1735	351 074	11691	349 339		
T.P.	1220	341 772	10 522	340 552		
T.P.	1372	331 824	11 320	330 452		
A-3			8758	323 066		
A-4	2210	324 396	9438	322 186		
G-1	6808	322 505	8699	315 697		

Profile Notes Red ____ Plotted ____ Job No. 002164 Division No. 10 F.B. 2616 Pg. 83
No. ____ Date ____ Date ____ Survey of P.B. LAND SLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 12-23-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 2616 PG. 84

Job No. 0021.64 Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of P.B. LANDSLIDE Date _____ Date _____ No. _____

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

Indexed C. Johnson Date _____ Date _____ Date _____ No. _____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.
TP. SHIELDS	3780	322 5 Sop 318 477	7808 8153	314 697 310 324

ENDED THIS LINE AT SHIELDS BECAUSE OF RAIN!

76L-298 CE 307 11-58

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P. B. LANDSLIDE LINE # 1 12-8-59

STATION	B.S.	H.I.	F.S.	ELEV.	
P.B. # 9	4 179	408 321	3 995	404.142	P. B. # 9 El = 404.142
T.P.	6 084	410 410	4 029	404.326	
T.P	6 880	413 261	4 803	406 381	
P.I 5A			3 590	408 458	
T.P.	6 314	415 985	4 950	409 671	
T.P.	2 298	413 333	7 998	411 035	
T.B.M. 30	0 350	405 685	5 864	405 335	
T.P.	6 069	405 890	3 604	399 821	
T.P.	6 080	408 366	4 250	402 286	
P.I. 4B	6 220	410 336	1 429	404 116	
T.P.	10 227	419 134	0 220	408 907	
T.P	9 516	428 430	3 920	418 914	Begin sidline
Fruittree				424 510	end sidline
	8 828	427 742	9 889	418 914	
T.P.	7 083	424 936	4 940	417 853	
T.P.	5 340	425 336	4 150	419 996	
T.P.	5 051	426 237	4 568	421 186	
S.P.H. G-7 R.M. 1			5 478	421 669	
S.P.H. G-7			4 449	420 759	
S.P.H. G-7 R.M. 2	0 341	422 129	10 741	421 788	
T.P.	0 522	411 910		411 388	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10
X-Sec. No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by LINO Notes WILKS Date 12-8-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 2616 PG. 85

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STATION	B.S.	H.I.	F.S.	ELEV.	
		411 910	10 830		
T.P.	0 220	401 300	11 517	401 080	
T.P.	0 810	390 593	10 795	389 783	
T.P.	2 637	382 435	9 480	379 798	
P.I. #3	0 370	373 325	11 414	372 955	
T.P.	0 385	362 296	11 775	361 911	
T.P.	1 850	352 371	9 802	350 521	
T.P.	2 390	344 959	4 794	342 569	
P.I. 2A			9 391	340 165	
P.I. #1	1 240	336 808		335 568	*
	BEGIN SIDELINE SHOTS				
T.P.	0 799	326 085	11 522	325 286	
T.P.	0 582	316 368	10 299	315 786	
T.P.	0 591	305 687	11 272	305 096	
T.P.	0 810	295 513	10 984	294 703	
T.P.	10581	295 744	10 350	285 163	
H-7A ECC. #1			7 542	288 202	
H-7A ECC. #2			7 489	288 255	
H-7A			7 325	288 419	
	END OF SIDELINE SHOTS				
P.I. #1	0 877	336 445		335 568	* SEE ABOVE

F.B. 2116 Pg. 86
Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of PORT BEND LANDSLIDE Date Date No. X-Sec.
Survey by LINO Notes Notes Chkd. Checked
Indexed R. C. JOHNSON Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I. 326.445	F.S.	ELEV.		
T.P.	0.688	326.935	10.198	326.247		
T.P.	0.969	317.735	10.169	316.766		
T.P.	0.589	307.525	10.799	306.936		
T.P.	0.569	296.774	11.320	296.205		
B.C.			5.698	291.076	B.C.	
T.P.	0.318	286.166	10.926	285.848		
PB. #10	0.924	280.500	6.590	279.576		
T.P.	0.347	269.718	11.129	269.371		
T.P.	0.187	259.331	10.574	259.144		
T.P.	0.485	249.110	10.706	248.625		
T.P.	0.276	239.048	10.338	238.772		
T.P.	0.315	228.351	11.012	228.036		
T.P.	0.813	219.354	9.810	218.541		
W.F. #1	1.701	212.202	8.853	210.501	W.F. #1	
T.P.	2.438	210.131	4.509	207.693		
P-1	5.509	204.807	10.833	199.298	P-1	
T.P.	0.971	193.642	11.636	193.171		
T.P.	0.438	183.120	10.960	182.682		
T.P.	1.076	172.923	11.273	171.847		
T.B.M. #31			5.840	167.083	TBM # 31	EL= 167.050

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 87
No. ____ Date ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes BRAZEN Date 12-21-59
No. ____ Date ____ Date ____ Map No. ____ Index C. Johnson

F.B. 2616 PG. 88

Job No. 0021.64 Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of P.B. LANDSLIDE 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 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE	LINE # 3 2-19-60
T.B.M. 34-15A	0 366	231 353		230 987	T.B.M. 34-15A ELEV. =	230.987
T.P.	1 009	221 753	10 609	220 744		
T.P.	0 902	211 576	11 079	210 674		
K-13			9 806	201 770		
T.P.	0 640	200 558	11 658	199 918		
K-12			8 421	192 137		
T.P.	0 631	189 836	11 353	189 205		
K-11			8 449	181 387		
T.P.	0 902	179 509	11 229	178 607		
K-10A			6 763	172 746		
K-10B			9 869	169 640		
T.P.	0 739	168 974	11 274	168 235		
K-10C			1 529	167 445		
K-10			1 572	167 402		
K-9A			5 460	163 514		
K-9B			7 050	161 924		
K-9			9 662	159 312		
K-8A	0 301	158 153	11 122	157 852		
K-8B			2 640	155 513		
T.P.	0 542	146 847	11 848	146 [illegible]		
	0 762	137 197	10 412	136 [illegible]		

Profile Notes Red ____ Plotted ____ Job No. 002164 Division No. 10 F.B. 2616 Pg. 89
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE AREA
X-Sec. Notes Chkd NLV Checked 3-8-60 Survey by C.K. LIND Notes WILKS Date FEB. 19, 1960
No. ____ Date 3-8-60 Date ____ Map No. ____ Indexed C. Johnson Date 2-29-60

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		137 197				
T.P	11 029	140 697	7 529	129 668	BEGIN SIDE LINE	
K-5			4 651	136 046	END SIDE LINE	
	0 889	130 557		129 668		
T.P.	0 499	119 973	11 083	119 474		
W-4	2 840	111 611	11 202	108 771		
W-3			0 932	110 679		
K-5 AUX	0 629	102 431	9 809	101 802		
T.P.	0 278	91 148	11 561	90 870		
K-4	0 447	80 180	11 415	79 733		
K-A			4 030	76 150		
K-AB	0 409	69 760	10 829	69 351		
T.B.M. 28	0 964	59 475	11 249	58 511		
K-3A			4 819	54 656		
T.P.	0 441	48 127	11 789	47 686		
T.P.	2 830	42 465	8 492	39 635		
T.B.M. 27AUX.3			5 702	36 763		
K-2AUX.			7 669	34 796		
T.P.	0 437	32 288	10 614	31 851		
T.P.	1 012	22 110	11 190	21 098		
T.P.	3 719	21 119	4 710	17 400		

F.B. 2616 Pg. 90

Job No. 0021.64 Division No. 10 Notes Red _____ Plotted _____ Profile _____

Survey of P.B. LANDSLIDE AREA Date _____ Date _____ No. _____

Survey by C.K. LIND Notes WILKS Notes Chkd. MLV Checked 3-8-60 X-Sec. _____

Indexed C. [illegible] Date _____ Date _____ No. _____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		21 119				
T.B.M. 26			5 164	15 955		
CLUBHOUSE	6 138	26 858	0 399	20 720	BEGIN SIDE LINE	
T.P.	2 939	22 066	7 731	19 127		
T.P.	2 511	12 945	11 632	10 434		
P.B. 1			5 290	7 655	END SIDE LINE	
	5 909	26 629		20 720		
P.B. 2A			8 035	18 594		
T.P.	2 238	17 968	10 899	15 730		
T.P.	0 298	7 031	11 235	6 733		
T.P.	4 383	5 984	5 430	1 601		
T.P.	9 721	10 410	5 295	0 689		
T.P.	2 866	8 015	5 261	5 149		
T.P.	10 082	10 677	7 420	0 595		
T.P.	10 260	16 376	4 561	6 116		
P.B. 7			4 532	11 844		
T.P.	3 605	12 362	7 619	8 757		
T.P.	5 651	13 021	4 992	7 370		
P.B. # 8			4 998	8 023	P.B. # 8 EL= 7.994	

.029

Profile Notes Red ____ Plotted ____ Job No. 0021.44 Division No. 10
No. ____ X-Sec. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE AREA
Notes Chkd. MKV Date ____ Checked 3-8-62 Survey by C.K. LIND Notes WILKS Date 12-19-60
No. ____ Date 3-2-62 Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 2616 Pg. 91

76L-298 CE 307 11-58

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UPPER CRENSHAW

STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE LINE 50 2-19-60
B.M-50-9	9 187	1008 590		999 403	B.M. 50-9 ELEV. = 999.403
T.P.	0 999	998 524	11 065	997 525	
T.P.	1 582	988 732	11 374	987 150	
T.P.	1 538	979 307	10 963	977 769	
T.P.	1 255	969 362	11 200	968 107	
T.P.	1 012	959 279	11 095	958 267	
T.B.M. 11	1 025	948 306	11 998	947 281	
T.P.	1 562	938 277	11 591	936 715	
Z-1			2 859	935 418	
T.P.	0 887	927 265	11 899	926 378	
T.P.	1 270	917 423	11 112	916 153	
T.P	0 848	906 882	11 389	906 034	
T.P.	1 025	896 627	11 280	895 602	
T.P.	1 220	886 566	11 281	885 346	
T.P.	0 938	875 835	11 669	874 897	
T.P.	1 388	866 003	11 220	864 615	
B.M. 50-10			7 815	858 188	
T.P.	1 110	855 634	11 479	854 524	
T.P.	1 119	845 095	11 658	843 976	
T.P.	0 495	834 294	11 296	833 799	
T.P	0 430	823 212	11 512	822 782	

F.B. 2616 Pg. 92

Job No. 0021.64 Division No. 10 Notes Red Plotted Profile

Survey of P.B. LANDSLIDE AREA Date FEB. 19, 1960 Date No. X-Sec.

Survey by C.K. LIND Notes WILKS Notes Chkd. HLV Checked 3-8-60

Indexed C. Johnson Date Date No.

76L-296 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.
T.P.		823 212		
T.P.	0 898	812 422	11 688	801 524
T.P.	0 648	802 709	10 361	802 061
Y-4			8 538	794 171
T.P.	0 457	791 336	11 830	790 879
T.P.	0 530	783 537	8 329	783 007
T.B.M. 12			6 320	777 217
T.P.	1 513	773 570	11 480	772 057
T.P.	1 124	763 092	11 602	761 968
T.P.	0 899	752 092	11 899	751 193
T.P.	1 345	742 531	10 906	741 186
T.P.	1 171	732 441	11 261	731 270
T.P.	0 972	722 844	10 569	721 872
T.P.	0 864	712 613	11 095	711 749
T.P.	0 838	702 250	11 201	701 412
T.P.	1 542	692 482	11 310	690 940
T.P.	1 370	683 547	10 305	682 177
T.B.M. 13			7 549	675 998
T.P.	1 235	673 588	11 194	672 353
T.P.	1 285	663 555	11 318	662 270
T.P.	1 402	653 049	11 908	651 647
B.M. 50-11			5 499	647 550

Profile No. X-Sec. No.
Notes Red Date
Notes Chkd. 11-61 Date
Plotted Date
Checked 3-9-60 Date
Job No. 0021.64
Division No. 10
Survey of R.B. Lawsliot
Survey by Lico Notes Lico Date 2-14-60
Map No. Index C. Johnson
F.B. 2616 Pg. 93

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE LINE 4	2-23-60
T.B.M. 34-15A	2 370	233 357		230 987	T.B.M. 34-15A ELEV.=	230.987
T.P.	4 051	232 338	5 070	228 287		
T.P.	3 672	230 910	5 100	227 238		
T.P.	3 511	228 650	5 771	225 139		
T.P.	3 412	226 258	5 804	222 846		
T.P.	2 920	223 058	6 120	220 138		
T.P.	2 609	218 577	7 090	215 968		
T.P.	3 965	215 377	7 165	211 412		
T.B.M. 50-13A			4 990	211 387	*	
T.P.	3 934	212 622	6 689	208 688		
T.P.	3 914	209 732	6 804	205 818		
T.P.	3 899	207 589	6 042	203 690		
T.B.M. 15	4 508	202 169	9 928	197 661		
T.P.	10 088	210 455	1 802	200 367		
J-5			10 729	199 726		
T.P.	7 900	212 657	5 698	204 757		
RADIAL 2	11 624	214 799	9 482	203 175		
T.P.	11 537	225 438	0 898	213 901		
J-4			8 233	217 205		
J-3	10 752	225 370	10 820	214 618		
T.P.	0 997	216 067	10 300	215 070		

F.B. 2616 Pg. 94
Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
Survey by LIND Notes LIND Notes Chkd. [illegible] Checked 3-9-60
Indexed A. C. Johnson Date Date No.

761-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		216 067				
J-1	3 359	207 456	11 970	204 097		
T.P.	10 771	217 443	0 784	206 672		
T.P.	11 628	228 359	0 712	216 731		
T.P.	10 501	238 155	0 705	227 654		
J-1A	1 545	234 132	5 568	232 587		
T.P.	1 248	223 592	11 788	222 344		
T.P.	0 859	212 551	11 900	211 692		
T.P.	1 380	202 521	11 410	201 141		
T.P.	8 325	201 367	9 479	193 042	BEGIN SIDE LINE	
T.P.	1 028	190 817	11 578	189 789		
T.P.	1 058	181 625	10 250	180 567		
T.P.	0 978	170 839	11 764	169 861		
T.P.	0 865	159 753	11 951	158 888		
T.P.	1 475	149 536	11 692	148 061		
T.P.	1 630	140 904	10 262	139 274		
T.P.	2 305	132 227	10 982	129 922		
T.B.M. 25			6 242	125 985	END SIDE LINE	
	1 566	194 608		193 042		
T.P.	5 778	191 669	8 717	185 891		
T.P.	8 701	199 699	0 671	190 998		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 002164 Division No. 10 F.B. 2616 Pg. 95
X-Sec. No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE AREA
Notes Chkd. HLU Checked 3-9-60 Survey by C.K. LIND Notes WILK Date FEB. 23, 1960
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-2[illegible] CE 307 11-58

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LINE 4
		199 699			
T.P.	4 000	198 089	5 610	194 089	
B.M. 34-17A			5 091	192 998	
T.P.	6 149	198 778	5 460	192 629	
T.P.	5 413	199 152	5 039	193 739	
T.P.	4 090	197 970	5 272	193 880	
T.P.	3 039	192 679	8 330	189 640	
			11 700	180 979	BEGIN SIDE LINE
T.P.	11 224	203 560	0 343	192 336	
T.P.	11 803	215 156	0207	203 353	
T.P.	11 469	226 377	0248	214 908	
T.P.	11 822	237 781	0 418	225 959	
T.P.	11 264	248 640	0 405	237 376	
T.P.	11 443	259 846	0 237	248 403	
T.P.	11 244	270 204	0 886	258 960	
T.P.	11 786	281 743	0 247	269 957	
T.P.	10 302	291 687	0 358	281 385	
T.P.	11 348	302 808	0 227	291 460	
P-4			0180	302 628	END SIDE LINE
	0 969	181 948		180 979	
T.P.	1 652	173 892	9 708	172 240	

F.B. 2616 Pg. 96

Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE AREA Date Date No.
Survey by C.K. LIND Notes WILKS Notes Chkd. HLV Checked 3-9-60 X-Sec.
Indexed A. C. Johnson Date Date Date No.

76L-298 CE 307 11-58

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		173 892				
B.M. 34-18			5 200	168 692		
T.P.	2 550	164 753	11 689	162 203		
T.P.	11 013	175 226	0 540	164 213		
T.P.	11 469	185 986	0 709	174 517		
T.P.	11 726	191 998	5 714	180 272		
P-3A	0 775	191 202	1 571	190 427		
T.P.	0 546	180 908	10 840	180 362		
T.P.	1 500	171 004	11 404	169 504		
T.P.	4 280	165 523	9 761	161 243	BEGIN SIDELINE	
T.P.	3 935	163 757	5 701	159 822		
P-3			5 689	158 068	END SIDE LINE	
	5 816	167 059		161 243		
T.P.	6 202	168 578	4 683	162 376		
P-2			5 164	163 414		
T.P.	6 272	170 650	4 200	164 378		
T.B.M. 31			3 555	167 095	TBM # 31 EL= 167.050	

.045

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 97
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE AREA
X-Sec. Notes Chkd. [illegible] Checked 3-9-60 Survey by C.K. LIND Notes WILKS Date FEB. 23, 1960
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 2616 Pg. 98

Job No. 0021.64 Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of P. B. LANDSLIDE Date _____ Date _____ No. _____

Survey by LWD Notes LWD Notes Chkd. RLJ Checked 3-9-60 X-Sec.

Indexed J. C. Johnson 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.	P.B. LANDSLIDE LINE #1 2-18-60	
P.B# 9	4 082	408 224		404 142	B.M. P.B.# 9 ELEV.=	404.142
T.P.	6 039	410 400	3 863	404 361		
T.P.	6 363	412 608	4 155	406 245		
P.I. 5A			4 119	408 489		
T.P.	5 962	415 458	3 112	409 496		
T.P.	0 443	412 513	3 388	412 070		
T.B.M. 30	0 508	405 838	7 183	405 330		
T.P.	6 256	405 694	6 400	399 438		
T.P.	5 909	408 161	3 442	402 252		
P.I. 4B	5 660	409 751	4 070	404 091		
T.P.	10 382	419 253	0 880	408 871		
T.P.	9 320	428 041	0 532	418 721	begin side line	
Fruit tree			3 562	424 479	end side line	
T.P.	0 945	419 666		418 721		
T.P.	7 618	425 439	1 845	417 821		
T.P.	5 509	425 705	5 243	420 196		
T.P.	4 566	426 298	3 973	421 732		
S.P.H. G-7 R-M.1			4 655	421 643		
S.P.H. G-7			5 568	420 730		
S.P.H. G-7 R.M.2			4 535	421 763		
T.P.	1 761	417 530	10 529	415 769		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 99
X-Sec. No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
Notes Chkd. HLL Checked 3-9-60 Survey by LINO Notes LINO Date 2-18-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-296 CE 307 11-58

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Profile No. _____ X-Sec. No. _____
Plotted _____ Date _____ Checked 3-7-60
Notes Red _____ Date _____ Notes Chkd. HKJ
Division No. 10 Date _____
Job No. 6021.04 Notes LINO
LAND SLIDE
Survey of P.B.
Survey by LINO
Indexed A. C. Jones Date _____
Po. 100
7616

STATION	B.S.	H.I.	F.S.	ELEV.		
		417 530				
T.P.	2 948	409 395	11 083	406 447		
T.P.	0 527	398 292	11 630	397 765		
T.P.	0 444	387 092	11 644	386 648		
T.P.	2 907	381 077	8 922	378 170		
P.I. 3	0 350	373 266	8 161	372 916		
T.P.	1 468	364 309	10 425	362 841		
T.P.	1 082	353 977	11 414	352 895		
T.P.	2 183	344 718	11 442	342 535		
P.I. 2A			4 589	340 129		
P.I. 1	0 889	336 421	9 186	335 532	begin sideline	
T.P.	1 563	326 821	11 163	325 258		
T.P.	1 284	317 035	11 070	315 751		
T.P.	1 017	306 085	11 967	305 068		
T.P.	0 999	295 302	11 782	294 303		
T.P.	10 206	295 338	10 170	285 132		
S.P.H. H-7A ECC. 1			7 170	288 168		
S.P.H. H-7A ECC. 2			7 107	288 231		
S.P.H. H-7A			6 943	288 395	end sideline	
P.I. 1	1 767	337 299		335 532		
	1 288	327 507	11 080	326 219		

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STATION	B. S.	H. I.	F. S.	ELEV.		
		327 507				
T.P.	1 632	317 919	11 220	316 287		
T.P.	1 263	308 172	11 010	306 909		
T.P.	1 197	297 370	11 999	296 173		
B.C.			6 324	291 046		
T.P.	1 288	287 108	11 550	285 820		
P.B. 10	1 995	281 553	7 550	279 558		
T.P.	0 768	270 757	11 564	269 989		
T.P.	0 937	259 552	11 642	259 115		
T.P.	0 240	248 892	10 900	248 652		
T.P.	0 731	239 507	10 116	238 776		
T.P.	0 266	228 163	11 610	227 897		
T.P.	0 956	217 620	11 499	216 664		
W.F. 1			7 140	210 480		
T.P.	1 152	208 482	10 290	207 330		
P-1			9 201	199 281		
T.P.	1 252	198 146	11 588	196 894		
T.P.	1 500	187 755	11 891	186 255		
	0 770	177 563	10 962	176 793		
TBM #31			10 497	167 066	TBM # 31 EL = 167.050	

Profile Notes Red ____ Plotted ____ Job No. 0821.64 Division No. 10 F.B. 2616 Pg. 161
No. X-Sec. ____ Date ____ Date ____ Survey of P.B. Lanoshire
Notes Chkd HH Checked 3-9-60 Survey by L. Hill Notes Date 2-23-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE LINE # 5 2-24-60
PB 9-A	0942	415 152		414 210	EL= 414 210 PER pg 107
T.P.	0679	405 204	10 637	404 525	
T.P.	1165	395 266	11 103	394 101	
T.P.	0680	384 871	11075	384 191	
T.P.	10550	383 987	11 434	373 437	*
	BEG SIDE LINE TO W. FIX				
T.P.	11581	394 748	0 820	383 167	
T.P.	11 204	396 983	8 969	385 779	
W. FIX			3209	393 774	
	END SIDE LINE				
T.P.	0277	373 714		373 437	*
	BEG SIDE LINE TO SB # 3				
T.P.	1275	366 210	8779	364 935	
T.P.	2219	359 707	8 712	357 498	
S.B. # 3			6891	352 8[illegible]	
	END SIDE LINE				
T.P.	11 321	384 758		373 437	*
S.B. # 2	11041	394 239	1 560	383 198	
SB # 1			5 191	389 048	
SB # 1-A			1 618	392 621	
T.P.	3030	396 758	0 511	393 728	

F.B. 2616 Pg. 102 Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date Date No.
Survey by LINO Notes LINO Notes Chkd. HKU Checked 3-9-60 X-Sec.
Indexed C. Johnson Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		396 758				
T.P.	0550	385 488	11 820	384 938		
PT#3			1548	383 940		
T.P.	0 488	375 015	10 961	374 527		
P.T. # 4	1089	368 896	7208	367 807	*	
		BEG SIDE LINE TO			H-2 & H-4	
T.P.	0732	357 839	11 789	357 107		
T.P.	0 671	346 964	11 546	346 293		
T.P.	0 711	337 241	10 434	336 530		
H-2	1 154	328 250	10 145	327 096		
T.P.	1 793	319 560	10 483	317 767		
H-4			8942	310 618		
		END SIDE LINE				
P.T. # 4	1090	368 897		367 807	*	
T.P.	0545	358 320	11 122	357 775		
T.P.	0 269	347 832	10 757	347 563		
P.T. # 5	0 979	339 601	9210	338 622		
T.P.	1 057	330 089	10 574	329 027		
T.P.	0830	319 889	11 025	319 059		
P.T. #6 AUX 3	10 131	321 471	8 549	311 340	*	
		BEG SIDE LINE				

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 103

No. ____ Date ____ Date ____ Survey of P.B. LAND SLIDE

X-Sec. Notes Chkd. HLV Checked 3-9-60 Survey by LINO Notes LINO Date 2-24-60

No. ____ Date ____ Date ____ Map No. ____ Indexed C. JOHNSON Date ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		321 471				
I-1			4770	316 701		
T.P.	1031	311 762	10 740	310 731		
T.P.	0992	301 199	11 555	300 207		
T.P.	2849	292 857	11 191	290 008		
I-2			9250	283 607		
I-3			11 289	281 568		
T.P.	11 939	301 245	3551	289 306		
BLAKESLEY			0448	300 797		
		END SIDE LINE				
P.T. #6 AU X-3	1270	312 610		311 340	*	
BM - "L"			6629	305 981		
T.P.	1169	302 177	11 602	301 008		
T.P.	1297	292 526	10 948	291 229		
T.P.	1014	283 883	9657	282 869		
T.P.	0765	273 318	11 330	272 553		
P.T. #7			4490	268 828		
T.P.	0949	264 422	9 845	263 473		
T.P.	0901	255 074	10 249	254 173		
T.P.	0741	246 003	9 812	245 262		
T.P.	0859	235 861	11 001	235 002		

F.B. 7616 Pg. 104
Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
Survey by LIND Notes Chkd. MLH Checked 3-9-60
Indexed A. C. JOHNSON Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		235 861 ✓				
T.P.	0 673	224 915 ✓	11 619	224 242 ✓		
T.P.	0 868	215 077 ✓	10 706	214 209 ✓		
BM C	6 766	210 183 ✓	11 660	203 417 ✓ *		
		BEG SIDE LINE TO			STA K-1	
T.P.	10 442	217 755 ✓	2 870	207 313 ✓		
K-1			4 603	213 152 ✓		
		END SIDE LINE				
BM "C"	0 253	203 670 ✓		203 417 *		
BM-34-17A			10 709	192 961 ✓	EL= 192.998	pg 96

Profile Notes Red ____ Plotted ____ Job No. 0-2164 Division No. 10 F.B. 2616 Pg. 105
No. ____ Date ____ Date ____ Survey of P.B. LAND SLIDE
X-Sec. Notes Chkd HLV Checked 3-9-60 Survey by LINO Notes LINO Date 2-24-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F.B. 2616 Pg. 106 Job No. 0021.64 Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of P.B. LANDSLIDE Date _____ Date _____ No. _____

Survey by LIND Notes LIND Notes Chkd. HLJ Checked 3-9-61 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 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE LINE #2 2-18-60
P.B. #9	4 144	408 286		404 142	B.M. P.B. #9 ELEV. = 404.142
T.P.	6 225	410 329	4 182	404 104	
T.P.	6 068	412 446	3 951	406 378	
T.P.	6 710	414 446	4 710	407 736	
T.P.	7 389	419 166	2 669	411 777	
P.B. 9A			4 956	414 210	
T.P.	7 140	423 136	3 170	415 996	
T.P.	10 931	432 065	2 002	421 134	BEGIN SIDE LINE
T.P.	11 961	443 449	0 577	431 488	
B-1C			1 148	442 301	END SIDE LINE
	3 971	425 105		421 134	
	0 696	414 830	10 971	414 134	
P.T. 1			2 980	411 850	
B-1-B			3 345	411 485	
T.P.	7 580	418 252	4 158	410 672	
B-1			8 090	410 162	
T.P.	7 603	417 705	8 150	410 102	
T.P.	11 963	428 319	1 349	416 356	BEGIN SIDE LINE
C-1			0 954	427 365	END SIDE LINE
	1 954	418 310		416 356	
T.P.	0 494	407 035	11 769	406 541	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 107
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. HLI Checked 3-9-60 Survey by LINO Notes LINO Date 2-18-60
No. ____ Date ____ Date ____ Map No. ____ Index C. Johnson Date

76L-266 CE 307 11-58

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B.B. 2616 Pg. 108 Profile
Survey of Line Plotted
Survey by Line Date
Indexed C. Jenkins Date
Job No. 002164 Division No. 10 Notes Red
Notes Date
Notes Chkd. HLJ Checked 3-60 X-Sec.
Date
No.
No.

STATION	B.S.	H.I.	F.S.	ELEV.		
		407 035				
T.P.	0 224	395 384	11 875	395 160		
T.P.	0 399	385 025	10 758	384 626		
T.P.	0 650	375 102	10 573	374 452		
T.P.	0 321	363 863	11 560	363 542		
T.P.	0 203	352 284	11 782	352 081		
B.M. 50-12			10 680	341 604		
T.P.	10 969	362 790	0 463	351 821		
T.P.	5 150	367 328	0 612	362 178		
RADIAL 1			7 161	360 167		
T.P.	1 112	357 091	11 349	355 979		
T.P.	0 451	346 183	11 359	345 732		
T.P.	0 790	335 932	11 041	335 142		
T.P.	2 037	327 275	10 694	325 238		
A-3			4 454	322 821		
A-4	2 579	324 805	5 049	322 226		
G-1	6 609	322 353	9 061	315 744		
T.P.	3 736	318 484	7 605	314 748		
SHIELDS	3 911	314 266	8 129	310 355		
T.P.	3 899	312 281	5 884	308 382		
T.P.	0 279	301 451	11 109	301 172		

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		301 451				
T.P.	0 595	290 781	11 265	290 186		
T.P.	0 621	280 374	11 028	279 753		
T.P.	0 227	268 834	11 767	268 607		
T.P.	0 208	257 160	11 882	256 952		
T.P.	0 466	245 797	11 829	245 331		
T.P.	0 509	234 736	11 570	234 227		
T.P.	0 622	223 507	11 751	222 985		
T.P.	0 520	212 668	11 459	212 048		
T.P.	6 346	209 286	9 728	202 940		
T.P.	6 205	212 012	3 479	205 807		
T.P.	6 313	214 364	3 961	208 051		
T.B.M. 50-13A			2 948	211 415		

Profile Notes Red ____ Plotted ____ Job No. 0021164 Division No. 10 F.B. 2616 Pg. 109
No. ____ Date ____ Date ____ Survey of R.B. LANDSLIDE
X-Sec. Notes Chkd [illegible] Checked 3-9-60 Survey by LINO Notes LINO Date 2-18-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

F. B. 2616 Pg. 110

Job No. 0021.64 Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of P.B. LANDSLIDE Date _____ Date _____ No. _____

Survey by LINO Notes LINO Notes Chkd. HFJ Checked 3-10-60 X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76L-208 CE 307 11-58

F.B. 2616 Pg. 111

Profile No. _____ Notes Red _____ Plotted _____ Job No. 0021.64 Division No. 10
Date _____ Date _____ Survey of P.B. LANDSLIDE AREA
X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by LIND Notes WILKS Date 3-29-60
Date _____ Date _____ Map No. _____ Indexed _____ C. Johnson Date 4-4-60

J.N. 0021.64

P.B. LANDSLIDE

ELEVATIONS OF

T.B.M. 27 AUX 3

T.B.M. 27 AUX 2 ?

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

MARCH 29, 1960

LIND
WILKS
WALLACE
MASUDA

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761-298 CE 307 11-58

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
P.B. # 1	7 402	15 002		7 600	P.B. # 1	EL= 7.60
T.P.	10 966	24 469	1 499	13 503		
T.P.	3 061	21 272	6 258	18 211		
T.P.	8 668	27 152	2 788	18 484		
T.P.	11 104	38 035	0 221	26 931		
T.B.M. 27 AUX 3			1 373	36 662		
T.B.M. 27 AUX 2?			2 532	35 503	NOTE PIPE UP 0.75 above OLD PVMT.	

F.B. 2616 Pg. 112

Job No. 0021.64 Division No. 10 Notes Red ____ Plotted ____ Profile ____

Survey of P.B. LANDSLIDE AREA Date ____ Date ____ No. ____

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

Indexed C. Johnson Date ____ Date ____ Date ____ No. ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	P. B. LANDSLIDE LINE # 2 5-16-60
P.B. #9	3 957	408 099		404 142	P.B. #9, El = 404.142
T.P	5 562	409 879	3 782	404 317	
T.P.	6 241	412 701	3 419	406 460	
P.I 5A			4 263	408 438	
P.I. 5B			2 630	410 071	
T.P.	5 857	415 386	3 172	409 529	
T.P.	0 538	411 553	4 371	411 015	
T.B.M. #30	1 372	406 716	6 209	405 344	
T.P.	6 265	406 060	6 921	399 795	
T.P. SET	6 063	408 322	3 801	402 259	
P.I. 4C	3 425	409 306	2 441	405 881	
T.P.	7 678	414 428	2 556	406 750	
T.P.	9 160	~~421 413~~ 422 913	0 675	413 753	begin sideline
T.P.	5 602	426 186	1 329	~~420 584~~ 421 504	
FRUIT TREE			1 726	424 460	end sideline
	9 302	423 055		413 753	
T.P.	6 269	424 849	4 475	418 580	
T.P.	5 545	425 859	4 535	420 314	
S.P.H. G-7 R.M. #1	3 642	425 292	4 209	421 650	
S.P.H. G-7			4 555	420 737	
S.P.H. G-7 R.M. 2			3 527	421 765	

Profile Notes Red. Date Plotted Job No. 002164 Division No. 10 F. B. 2616 Pg. 113
No. X-Sec. Notes Chkd. Date Checked Date Survey of P.B. LANDSLIDE LINE Survey by LINN Notes W.L.B. Date 5-16-60
No. Date Map No. Indexed C. Tobias 6-3-60

76L-298 S & E #307—1-56

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F. B. 2616 Pg. 114 Job No. 022164 Division No. 10 Notes Red. Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
Survey by SLND Notes WILKS Notes Chkd Checked
Indexed K. C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		425 292				
T. P.	0 405	416 390	9 307	415 985		
T. P.	0 841	407 288	9 943	406 447		
T. P.	0 663	396 342	11 609	395 679		
T. P.	1 665	386 344	11 663	384 679		
T. P.	2 796	380 968	8 172	378 172		
P. I. #3	0 255	373 177	8 046	372 922		
T. P.	0 593	362 475	11 295	361 882		
T. P.	1 629	353 642	10 462	352 013		
T. P.	1 141	345 613	9 170	344 472		
P. I. 2A			5 477	340 136		
P. I. #1	1 249	336 790	10 072	335 541	begin sideline	
T. P.	1 250	327 605	10 435	326 355		
T. P.	0 772	316 528	11 849	315 756		
T. P.	0 649	305 705	11 472	305 056		
T. P.	1 152	295 820	11 037	294 668		
T. P.	10 055	295 225	10 650	285 170		
S. P. H. H-7A						
ECC. 1			7 027	288 198		
S. P. H. H-7A						
ECC. 2			6 965	288 260		
S. P. H. H-7A			6 802	288 423	end sideline	
	0 507	336 048		335 541		

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		336 048				
T. P.	0 946	327 171	9 823	326 225		
T. P.	1 951	317 411	11 711	315 460		
T. P.	0 357	307 271	10 497	306 914		
T. P.	0 867	297 044	11 094	296 177		
T. P.	1 179	287 002	11 221	285 823		
P. B. #10	2 180	281 732	7 450	279 552		
T. P.	0 759	271 099	11 392	270 340		
T. P.	0 463	259 581	11 981	259 118		
T. P.	0 729	248 988	11 322	248 259		
T. P.	0 750	239 470	10 268	238 720		
T. P.	0 697	228 805	11 362	228 108		
T. P.	0 359	217 896	11 268	217 537		
W. F. #1			7 416	210 480		
T. P.	3 045	210 346	10 595	207 301		
P.-1			11 073	199 273		
T. P.	0 772	199 210	11 908	198 438		
T. P.	1 104	188 398	11 916	187 294		
T. P.	0 906	177 748	11 556	176 842		
T.B.M. #31			10 267	167 481		

Profile Notes Red ____ Plotted ____ Job No. 00216 Division No. 10 F. B. 2616 Pg. 115
No. ____ Date ____ Date ____ Survey of P.B. LAWNDALE
X-Sec. Notes Chkd ____ Checked ____ Survey by LIND Notes WLK Date 5-16-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson

F. B. 2616 PG. 116

Job No. 2021.64 Division No. 10 Notes Red. Plotted Profile

Survey of P.B. LAND SLIDE Date Date No.

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

Indexed Date Date Date No.

STATION	B. B.	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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STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE LINE # 4 5-17-60
B.M. 34-15A	2 171	233 158		230 987	B.M. 34-15A ELEV. = 230.987
T.P.	3 565	230 993	5 730	227 428	
T.P.	3 282	228 001	6 274	224 719	
T.P.	2 910	224 466	6 445	221 556	
T.P.	2 990	219 665	7 791	216 675	
T.P.	3 508	216 407	6 766	212 899	
B.M. 50-13A	3 679	214 067	6 019	210 388	
	4 069	211 813	6 323	207 744	
B.M. 50-13			3 817	207 996	
T.P.	4 118	208 927	7 004	204 809	
T.B.M. #15	4 265	201 825	11 367	197 560	
T.P.	6 300	207 663	0 462	201 363	
J-5			8 129	199 534	
T.P.	7 535	212 140	3 058	204 605	
RADIAL 2			9 070	203 070	
T.P.	6 287	217 822	0 605	211 535	
RADIAL 2 ECC 1			7 189	210 633	
T.P.	7 430	218 988	6 264	211 558	
J-4	5 352	222 212	2 128	216 860	
J-3			8 102	214 110	
T.P.	0 590	213 308	9 494	212 718	

Profile Notes Red ____ Plotted ____ Job No 022164 Division No. 10 F. B. 2616 Pg. 167
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes WILKS Date 5-17-60
No. ____ Date ____ Date ____ Map No. ____ Index ____ C. John Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	
		213 308			
J-1	8 322	211 900	9 730	203 578	
T.P.	11 460	222 752	0 608	211 292	
T.P.	10 681	232 816	0 617	222 135	
T.P.	10 975	241 014	2 777	230 039	
J-1A	1 369	233 569	8 814	232 200	
T.P.	0 608	222 638	11 539	222 030	
T.P.	0 905	212 242	11 301	211 337	
T.P.	1 346	202 944	10 644	201 598	
T.P.	7 902	200 616	10 230	192 714	begin sideline
T.P.	0 428	189 932	11 112	189 504	
T.P.	0 722	179 414	11 240	178 692	
T.P.	0 849	168 736	11 527	167 887	
T.P.	0 703	158 090	11 349	157 387	
T.P.	0 792	148 002	10 880	147 210	
T.P.	0 487	139 674	8 815	139 187	
T.P.	5 989	133 993	11 670	128 004	
T.B.M. #27			7 850	126 143	end sideline
	1 413	194 127		192 714	
T.P.	6 326	191 649	8 804	185 323	
T.P.	9 320	200 302	0 667	190 982	

F. S. 2616 PG. 118

Job No. 0021.64 Division No. 10 Notes Red ____ Plotted ____ Profile ____

Survey of R.B. LANDSLIDE Date ____ Date ____ No. ____

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

Indexed E. C. Johnson Date ____ Date ____ No. ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		200 302				
B.M. 34-17A	4 610	197 522	7 390	192 912		
T.P.	5 488	198 862	4 148	193 374		
T.P.	4 742	198 522	5 082	193 780		
T.P.	10 168	202 251	6 439	192 083	begin sideline	
T.P.	11 735	213 758	0 228	202 023		
T.P.	10 875	224 274	0 359	213 399		
T.P.	11 501	235 438	0 337	223 937		
T.P.	10 567	245 623	0 382	235 056		
T.P.	11 005	254 435	2 193	243 430		
T.P.	11 215	264 868	0 782	253 653		
T.P.	11 026	275 164	0 730	264 138		
T.P.	8 368	282 847	0 685	274 479		
T.P.	10 171	292 657	0 361	282 486		
T.P.	10 652	302 964	0 345	292 312		
P-4			0 372	302 592	end sideline	
	3 882	195 965		192 083		
T.P.	0 690	188 005	8 650	187 315		
T.P.	0 355	177 190	11 170	176 835		
T.P.	4 395	171 995	9 590	167 600		
B.M. 34-18			3 325	168 670		

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 0021.64 Division No. 10 Survey of P.B. LANDSLIDE Survey by LIND Notes WILKS Date 5-17-60 Map No. Index C. Johnson Date

F. B. 2616 Pg. 119

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		171 995				
T.P.	2 230	162 795	11 430	160 565		
P-3			4 750	158 045	begin sideline	
T.P.	11 628	173 215	1 208	161 587		
T.P.	11 210	183 898	0 527	172 688		
T.P.	3 921	187 481	0 338	183 560		
T.P.	7 740	193 371	1 850	185 631		
P-3A			2 968	190 403	end sideline	
	6 302	164 347		158 045		
T.P.	5 864	166 081	4 130	160 217		
T.P.	5 604	167 723	3 962	162 119		
P-2	6 759	170 159	4 323	163 400		
T.B.M. #31			3 085	167 074	T.B.M. #31 ELEV. = 167.050	
					167.074	
					+ .024	

F. B. 2616 PG. 120
Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile
Survey of P.B. LANDSLIDE Date Date No.
Survey by LIND Notes WILKS Notes Chkd. Checked X-Sec.
Indexed A. O. Johnson 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 # 2 5-19-60
P.B. #9	4 360	408 502		404 142	P.B. #9 ELEV. = 404.142
T.P.	6 527	410 740	4 289	404 213	
T.P.	6 385	412 724	4 401	406 339	
T.P.	6 222	414 546	4 400	408 324	
T.P.	6 564	418 332	2 778	411 768	
P.B. 9A			4 131	414 201	
T.P.	7 135	423 117	2 350	415 982	
T.P.	10 980	430 807	3 290	419 827	begin sideline
T.P.	10 978	441 542	0 243	430 564	
T.P.	5 015	444 600	1 957	439 585	
B-1-C			2 309	442 291	end sideline
	4 192	424 019		419 827	
T.P.	2 444	416 071	10 392	413 627	
B-1-B	3 700	414 502	5 269	410 802	
P.T. #1			3 150	411 352	
T.P.	6 905	417 529	3 878	410 624	
B-1			8 038	409 491	
T.P.	7 606	417 595	7 540	409 987	
T.P.	11 805	428 055	1 345	416 250	begin sideline
C-1			0 978	427 077	end sideline
	1 465	417 715		416 250	

Profile Notes Red. Plotted Job No. 002164 Division No. 10 F. B. 2616 Pg. 121
No. Date Date Survey of R.B. LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by C.K. LIND Notes WILKS Date 5-19-60
No. Date Date Map No. Indexed Date

76L-298 S & E #307—1-56

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F. B. 2616 Pg. 122 Job No. 002164 Division No. 10 Notes Red. Plotted Profile
Survey of R.B. LANDSLIDE Date Date No. X-Sec.
Survey by G.K. LIND Notes WILKS Notes Chkd. Checked
Index C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		417 715				
T.P.	0 693	406 623	11 785	405 930		
T.P.	0 755	395 963	11 415	395 208		
T.P.	0 820	385 846	10 937	385 026		
T.P.	0 382	374 690	11 538	374 308		
T.P.	1 769	365 949	10 510	364 180	begin sideline	
T.P.	0 266	355 225	10 990	354 959		
T.P.	3 821	347 563	11 483	343 742		
			6 355	341 208	end sideline	
B.M. 50-12	7 065	371 245		364 180	—	
RADIAL 1	3 013	362 869	11 389	359 856	—	
T.P.	1 132	353 784	10 217	352 652		
T.P.	1 202	344 018	10 968	342 816		
T.P.	0 342	333 292	11 068	332 950		
A-3	4 389	326 873	10 608	322 484	—	
A-4	7 262	329 405	4 730	322 143	—	
T.P.	0 185	322 893	6 697	322 708		
G-1	6 946	322 596	7 243	315 650	—	
T.P.	3 680	318 768	7 508	315 088		
SHIELDS	4 185	314 455	8 498	310 270	—	
T.P.	4 808	314 040	5 223	309 232		

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		314 040				
T.P.	0 437	302 628	11 849	302 191		
T.P.	0 858	292 375	11 111	291 517		
T.P.	0 392	281 570	11 197	281 178		
T.P.	0 460	270 081	11 949	269 621		
T.P.	0 281	259 009	11 353	258 728		
T.P.	0 748	248 259	11 498	247 511		
T.P.	0 661	237 779	11 141	237 118		
T.P.	1 723	228 321	11 181	226 598		
T.P.	4 406	221 294	11 433	216 888		
T.P.	0 789	211 393	10 690	210 604		
T.P.	8 178	211 270	8 301	203 092		
T.P.	6 086	212 801	4 555	206 715		
T.B.M. 50-13A			2 460	210 341	TB.M. 50-13-A EL-	210.388 pg 117
						210.341
						— 647

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2616 PG. 123
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 5-19-60
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] C. Johnson

76L-298 S & E #307—1-56

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F. B. 2616 Pg. 124 Job No. 002164 Division No. 10 Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Profile No. X-Sec. No.

Survey of P.B. LANDSLIDE
Survey by C.K. LIND Notes WILKS
Indexed G. Johnson

STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE	LINE 3 5-20-60
T.B.M. 34-15A	2 140	233 127		230 987	T.B.M. 34-15A ELEV. = 230.987	
T.P.	1 055	222 862	11 320	221 807		
T.P.	0 448	213 660	9 650	213 212		
T.P.	1 604	203 364	11 900	201 760		
K-13			1 620	201 744		
T.P.	1 455	194 049	10 770	192 594		
K-12			1 919	192 130		
T.P.	1 376	184 661	10 764	183 285		
K-10A	0 828	173 568	11 921	172 740		
K-10C			6 146	167 422		
K-10			6 184	167 384		
K-9A	6 363	169 871	10 060	163 508		
K-9B			7 965	161 906		
K-9	3 700	163 007	10 564	159 307		
K-8A			5 167	157 840		
K-8B			7 513	155 494		
T.P.	0 300	151 962	11 345	151 662		
T.P.	0 260	140 543	11 679	140 283		
T.P.	8 848	138 501	10 890	129 653	begin sideline	
K-5			2 430	136 071	end sideline	
	0 630	130 283		129 653		

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.		
		130 283				
T. P.	1 072	120 535	10 822	119 461		
T. P.	6 306	115 679	11 160	109 373		
W-3			5 020	110 659		
T. P.	0 967	105 996	10 650	105 029		
K-5 AUX.			4 234	101 762		
T. P.	0 890	94 932	11 954	94 042		
T. P.	0 909	84 447	11 394	83 538		
K-4			5 361	79 086		
K-A			8 929	75 518		
T. P.	0 665	74 295	10 817	73 630		
K-A B			5 568	68 727		
T. P.	0 761	64 562	10 494	63 801		
T.B.M. #2B			6 311	58 251		
K-3A	2 848	57 306	10 104	54 458		
T. P.	0 947	46 793	11 460	45 846		
T.B.M. 27 AUX.3	2 573	39 219	10 147	36 646		
K-2A			4 050	35 169		
T. P.	0 388	28 110	11 497	27 722		
T. P.	6 243	22 979	11 374	16 736		
T. P.	6 123	28 052	1 050	21 929	begin sideline	

Profile Notes Red ____ Plotted ____ Job No. 2221.64 Division No. 12 F. B. 2616 Pg. 125
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 5-19-60
No. ____ Date ____ Date ____ Map No. ____ Index ____ C. Johnson Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
CLUBHOUSE IS DESTROYED						
		28 052				
T.P.	0 678	19 988	8 742	19 310		
T.P.	2 950	13 538	9 400	10 588		
P.B. #1			5 951	7 587	end sideline	P.B.# EL. = 7.600
	1 344	23 273		21 929		
T.P.	1 503	18 428	6 348	16 925		
T.P.	4 953	17 221	6 160	12 268		
T.P.	5 163	15 943	6 441	10 780		
T.P.	4 880	14 274	6 549	9 394		
T.P.	3 784	7 479	10 579	3 695		
P.B. # 6A			7 167	[illegible] 312		
T.P.	7 236	8 586	6 129	1 [illegible]		
T.P.	8 474	16 717	0 343	8 243		
T.P.	6 602	18 221	5 098	11 619		
T.P.	6 310	18 006	6 525	11 696		
P.B. # 8			10 060	7 946	P.B. # 8 EL. = 7.994	
					-.048	

F. B. 2616 Pg. 126

Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile

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

Survey by C.K. LIND Notes WILKS Notes Chkd. Checked

Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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5-20-60

STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE LINE #6
B.M. 50-9	10 115	1009 518		999 403	— B.M. 50-9 EL. = 999.403
T.P.	1 162	998 890	11 790	997 728	
T.P.	0 821	988 437	11 274	987 616	
T.P.	0 750	977 444	11 743	976 694	
T.P.	0 722	966 378	11 788	965 656	
T.P.	0 848	955 605	11 621	954 757	
T.B.M. # 11			8 328	947 277	
T.P.	0 909	944 597	11 917	943 688	
Z-1			9 213	935 384	
T.P.	0 823	933 498	11 922	932 675	
T.P.	1 499	923 182	11 815	921 683	
T.P.	0 527	912 025	11 684	911 498	
T.P.	0 292	900 779	11 538	900 487	
T.P.	0 730	890 107	11 402	889 377	
T.P.	1 252	879 454	11 905	878 202	
T.P.	0 338	868 757	11 035	868 419	
T.B.M. 50-10			10 580	858 177	
T.P.	0 547	857 492	11 812	856 945	
T.P.	0 422	846 204	11 710	845 782	
T.P.	0 705	835 586	11 403	834 801	
	0 712	824 491	11 727	823 779	

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 0021.64 Division No. 10 Survey of P.B. LANDSLIDE

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by C.K. LIND Notes WILKS Date 5-20-60 Map No. ____ Indexed C. Johnson Date ____

F. B. 2616 Pg. 127

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STATION	B. S.	H. I.	F. S.	ELEV.		
		824 491				
T.P.	1 481	814 081	11 891	812 600		
T.P.	0 960	803 160	11 881	802 200		
Y-4			8 082	795 078		
T.P.	0 448	791 971	11 637	791 523		
T.P.	4 722	785 698	10 995	780 976		
T.B.M. #12			8 482	777 216		
T.P.	0 549	774 482	11 765	773 933		
T.P.	0 333	762 901	11 914	762 568		
T.P.	0 761	752 529	11 133	751 768		
T.P.	0 508	741 314	11 723	740 806		
T.P.	0 385	730 191	11 508	729 806		
T.P.	1 079	719 566	11 704	718 487		
T.P.	0 574	709 179	10 961	708 605		
T.P.	1 000	698 965	11 214	697 965		
T.P.	1 128	688 653	11 440	687 525		
T.P.	1 422	678 666	11 409	677 244		
T.B.M. #13			2 624	676 042		
T.P.	1 388	668 312	11 742	666 924		
T.P.	0 595	656 974	11 933	656 379		
B.M. 50-11			9 368	647 606		

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F. B. 2616 Pg. 128

Job No. 002164 Division No. 10 Notes Red ____ Plotted ____ Profile ____

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

Survey by C.K. LIND Notes WILKS Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed C. Johnson Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE LINE #5 5-23-60
P.B. # 9-A	0243	414414		414201	✓ P.B. # 9-A EL= 414.201 per pg. 121
T.P.	1 062	404786	10 720	403 724	
T.P.	0278	393 846	11 218	393 568	
T.P.	1133	383 861	11 118	382728	
T.P.	4890	377 926	10825	373 036	*
		BEG. SIDE LINE TO W. FIX			
T.P.	11 755	387 892	1789	376 137	
T.P.	8 535	395 297	1130	386 762	
W. FIX			1 542	393 755	✓
		END SIDELINE			
		BEG. SIDE LINE TO S.B. #3			
T.P.	1 045	374081		373 036	*
T.P.	0857	363 037	11 901	362 180	
S. B. # 3			10221	352816	✓
		END SIDE LINE			
T.P.	10 650	383 686		373 036	*
S.B. # 2	11 975	395 170	0491	383 195	✓
S.B. 1-A			2710	392460	—
T.P.	0752	395 221	0701	394469	
Pt. #3	0470	384 213	11 478	383743	✓
T.P.	2204	376 797	10 120	374 093	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2616 Pg. 129
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LINO Notes LINO Date 5-23-60
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		376 297				
P.T. # 4	0 578	368 145	8 730	367 567	* ✓	
		BEG	SIDE	LINE	TO H-2 & H-4	
T.P.	0202	357 048	11 299	356 846		
T.P.	0545	345 590	12003	345045		
T.P.	0675	334 666	11 599	333 991		
H-2			7857	326809	✓	
T.P.	1547	324 980	11 233	323 433		
T.P.	0385	317 635	7 730	317 250		
H-4			7 218	310 417	✓	
	END	SIDE	LINE			
P.T. # 4	0585	368 152		367 567	* ✓	
T.P.	0200	357 758	10 594	357 558		
T.P.	1274	348 451	10 581	347 177		
P.T. # 5	0310	338 691	10 070	338 381	✓	
T.P.	0410	327 360	11 741	326 950		
T.P.	0347	317 487	10 220	317 140		
P.T. #6 AUX #3	9880	320 947	6420	311 067	* ✓	
		BEG	SIDE	LINE		
I-1			4418	316 529	✓	
T.P.	0387	310 898	10 436	310 511		

F. B. 2616 PG. 130

Job No. 0021-4 Division No. 10 Notes Red Plotted Profile

Survey of P.B. AND [illegible] Date Date No.

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

Indexed C. Johnson Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		310 898				
T.P.	1380	301 470	10 808	300 090		
T.P.	4 222	295 150	10 542	290 928		
I-2			11 981	283 169		
I-3			13 910	281 240		
T.P.	11 965	300 535	6 580	288 570		
BLAKSLEE			0002	300 533		
	END SIDE LINE					
P.T. AUX-3 #6	0630	311 697		311 067	*	
BM "L"			6087	305 610		
T.P.	0756	301 773	10 680	301 017		
T.P.	0551	291 488	10 836	290 937		
T.P.	0354	280 322	11 520	279 968		
P.T. # 7	4 758	273 318	11 762	268 560		
T.P.	0949	264 422	9845	263 473		
T.P.	0901	255 074	10249	254 173		
T.P.	0741	246 003	9812	245 262		
T.P.	0859	235 861	11001	235 002		
T.P.	0673	224 915	11 619	224 242		
	0868	215 077	10 706	214 209		
BM "C"			11 830	203 247		

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 002164 Division No. 10 Survey of R. B. LANDSLIDE Survey by LINO Notes LINO Date 5-23-60 Map No. Indexed K. C. Johnson

F. B. 2616 PG. 131

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM "C"	6726	210 013		203 347 ✓		
	BEG	SIDE	LINE	TO K-1		
TP	10442	217 585	2 870	207 143		
K-1				212 982 ✓		
		END	SIDE	LINE		
BM "C"	0 254	203 500		203 347 ✓		
BM 34-17 A			10 659	192 891 ✓	BM 34-17-A	EL= 192.912 pg 119

F. B. 2614 Pg. 132 Job No. 0021 C4 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date Date No.
Survey by LINO Notes LINO Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE LINE #4 6-27-60
BM 34-15-A	2 270	233 257		230 987	
T.P.	3 607	231 022	5 842	227 415	
T.P.	3 063	227 774	6 311	224 711	
T.P.	2 822	225 113	5 483	222 291	
T.P.	2 288	220 461	6 940	218 173	
T.P.	3 229	217 099	6 591	213 870	
B.M. 50-13A	3 470	213 847	6 722	210 377	
T.P.	3 848	210 976	6 719	207 128	
B.M. 50-13			2 996	207 980	
T.P.	3 558	207 610	6 924	204 052	
T.B.M. #15	3 441	200 950	10 101	197 509	
T.P.	7 907	208 380	0 477	200 473	
J-5			8 940	199 440	
T.P.	10 828	215 926	3 282	205 098	
RADIAL 2 ECC 1	7 235	217 699	5 462	210 464	
T.P.	0 405	214 182	3 922	213 777	
RADIAL 2			11 180	203 002	
T.P.	8 515	218 919	3 778	210 404	
J-4	7 298	223 975	2 242	216 677	
J-3			10 127	213 848	
T.P.	0 715	213 189	11 501	212 474	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 133
X-Sec. No. ____ Date ____ Date ____ Survey of Port Bend Landslide
Notes Chkd. ____ Checked ____ Survey by Lino Notes Lino Date 6-27-60
Date ____ Date ____ Map No. ____ Indexed H. L. OTT Date JUL 12 60

76L-298 CE 307 11-58

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F.B. 2616 Pg. 134

Job No. 0021.64 Division No. 10 Notes Red ____ Plotted ____ Profile No. ____
Survey of PORT. BEND LANDSLIDE Date ____ Date ____ X-Sec. No. ____
Survey by C.K. LIND Notes WILKS Notes Chkd. ____ Checked ____
Indexed H. E. OTT Date ____ Date ____ Date ____

STATION	B.S.	H.I.	F.S.	ELEV.		
		213 189				
J-1	9 354	212 695	9 848	203 341		
T.P.	11 271	222 374	1 592	211 103		
T.P.	11 389	233 338	0 425	221 949		
T.P.	9 228	240 708	1 858	231 480		
J-1A	1 665	233 683	8 690	232 018		
T.P.	0 317	222 185	11 815	221 868		
T.P.	1 110	211 959	11 336	210 849		
T.P.	0 470	200 675	11 754	200 205		
T.P.			5 158	195 517		
T.P.	1 520	197 035	5 160	195 515		
T.P.	1 209	187 489	10 755	186 280		
T.P.	0 722	176 889	11 322	176 167		
T.P.	1 097	168 812	9 174	167 715		
T.P.	0 730	158 014	11 528	157 284		
T.P.	1 253	148 259	11 008	147 006	begin	sideline
T.P.	0 185	136 797	11 647	136 612		
T.B.M. #25			10 629	126 168	end	sideline
	1 251	148 257		147 006		
T.P.	8 458	149 153	7 562	140 695		
T.P.	8 472	156 740	0 885	148 268		

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		156 740				
T.P.	4 529	152 344	8 925	147 815		
T.P.	1 622	149 184	4 782	147 562		
T.P.	0 802	138 685	11 301	137 883		
T.P.	3 048	136 871	4 862	133 823		
"POINT"	11 941	137 792	11 020	125 851		
T.P.	10 465	144 239	4 018	133 774		
T.P.	9 830	153 718	0 351	143 888		
T.P.	11 079	159 496	5 301	148 417	X	
T.P.	11 392	170 159	0 729	158 767		
T.P.	11 096	180 021	1 234	168 925		
T.P.	11 099	190 841	0 279	179 742		
T.P.	10 478	200 048	1 271	189 570	begin sideline	
T.P.	10 766	205 195	5 619	194 429		
T.P.	10 946	214 594	1 547	203 648		
K-1			1 508	213 086	end sideline	
	9 430	199 000		189 570		
B.M. 34-17A	4 945	197 797	6 148	192 852		
T.P.	5 179	198 658	4 318	193 479		
T.P.	3 696	197 372	4 982	193 676		
T.P.	11 180	204 323	4 229	193 143	begin sideline	

Profile No.____ Notes Red.____ Date____ Plotted____ Date____ Job No. 0021.64 Division No. 10 Survey of PORT, BEND, LANDSLIDE
X-Sec. No.____ Notes Chkd.____ Date____ Checked____ Date____ Survey by C.K. LIND Notes WILKS Date 6-27-60
Map No.____ Indexed H. E. OTT Date____

F. B. 2616 Pg. 135

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		204 323				
T.P.	11 265	215 246	0 342	203 981		
T.P.	11 801	225 173	1 874	213 372		
T.P.	11 873	235 772	1 274	223 899		
T.P.	11 913	246 926	0 759	235 013		
T.P.	10 872	256 602	1 196	245 730		
T.P.	11 055	267 275	0 382	256 220		
T.P.	11 010	277 721	0 564	266 711		
T.P.	11 699	287 954	1 466	276 255		
T.P.	9 730	296 496	1 188	286 766		
T.P.	10 095	306 039	0 552	295 944		
P-4			3 497	302 542	end sideline	
	0 285	193 428		193 143		
T.P.	2 228	184 068	11 588	181 840		
T.P.	0 802	175 932	8 938	175 130		
B.M. 34-~~18~~ 18	2 162	170 814	7 280	168 652		
T.P.	9 536	170 085	10 265	160 549	x begin sideline	
T.P.	11 068	180 092	1 061	169 024		
T.P.	8 202	187 645	0 649	179 443		
T.P.	6 996	192 579	2 062	185 583		
P-3A			2 193	190 386	end sideline	

F. B. 2616 Pg. 136

Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile

Survey of P.B. LANDSLIDE Date Date No.

Survey by C.K. LIND Notes WILKS 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.		
	2 163	162 712		160 549	X	
T.P.	6 010	163 772	4 950	157 762		
P-3			5 737	158 035		
T.P.	5 648	165 617	3 803	159 969		
T.P.	5 240	167 268	3 589	162 028		
P-2	6 678	170 076	3 870	163 398		
T.B.M. #31			2 990	167 086		

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2616 PG. 137
No. ____ Date ____ Date ____ Survey of PORT BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 6-27-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____
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76L-298 S & E #307—1-56

8.40

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STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE LINE #6 6-28-60
B.M. 50-9	8 573	1007 976		999 403	B.M. 50-9 EL. = 999.403
T.P.	1 102	997 129	11 949	996 027	
T.P.	0 560	985 991	11 698	985 431	
T.P.	1 194	976 178	11 007	974 984	
T.P.	0 260	964 879	11 559	964 619	
T.P.	1 273	955 656	10 496	954 383	
T.B.M. # 11			8 408	947 248	
T.P.	0 379	944 971	11 064	944 592	
Z-1			9 613	935 358	
T.P.	0 682	934 414	11 239	933 732	
T.P.	1 181	924 738	10 857	923 557	
T.P.	1 161	914 954	10 945	913 793	
T.P.	1 160	904 172	11 942	903 012	
T.P.	0 351	894 275	10 248	893 924	
T.P.	0 664	883 498	11 441	882 834	
T.P.	1 363	874 719	10 142	873 356	
T.P.	1 030	865 125	10 624	864 095	
B.M. 50-10			6 991	858 134	
T.P.	1 411	855 169	11 367	853 758	
T.P.	1 200	845 789	10 580	844 589	
T.P.	0 880	835 140	11 529	834 260	

F. B. 2616 Pg. 138

Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile

Survey of P.B. LANDSLIDE Date Date No.

Survey by C.K. LIND Notes WILKS 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.		
		835 140				
T. P.	0 920	824 115	11 945	823 195		
T. P.	0 772	813 157	11 730	812 385		
T. P.	0 321	801 478	12 000	801 157		
Y-4			7 485	793 993		
T. P.	0 202	790 608	11 072	790 406		
T. P.	5 642	784 470	11 780	778 828		
T.B.M. #12			7 309	777 161		
T. P.	0 842	774 928	10 384	774 086		
T. P.	1 278	764 516	11 690	763 238		
T. P.	0 208	754 058	10 666	753 850		
T. P.	1 182	744 805	10 435	743 623		
T. P.	0 819	734 367	11 257	733 548		
T. P.	1 052	723 775	11 644	722 723		
T. P.	1 362	713 332	11 805	711 970		
T. P.	1 228	703 400	11 160	702 172		
T. P.	0 350	691 958	11 792	691 608		
T. P.	0 537	680 955	11 540	680 418		
T.B.M. #13	1		3 964	676 991		
T. P.	0 712	670 066	11 601	669 354		
T. P.	0 282	659 518	10 830	659 236		
B.M. 50-11			10 960	648 558		

Profile No. X-Sec. No.
Notes Red. Date Notes Chkd. Date
Plotted Date Checked Date
Job No. 0021.64 Division No. 10
Survey of P. B. LANDSLIDE
Survey by C. K. LIND Notes WILKS Date 6-28-60
Map No. Indexed H. E. OTT Date
F. B. 2616 Pg. 139

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	P. B. LANDSLIDE LINE # 2
P.B. # 9	4 057	408 199		404 142	P. B. # 9 EL. = 404.142
T. P.	6 420	410 508	4 111	404 088	
T. P.	6 320	412 553	4 275	406 233	
T. P.	6 658	414 722	4 489	408 064	
T. P.	6 820	418 612	2 930	411 792	
P.B. # 9A	7 344	421 556	4 400	414 212	
T.P.	9 960	428 655	2 861	418 695	
T.P.			8 808	419 847	begin sideline
T. P.	11 493	439 468	0 680	427 975	
T. P.	6 937	444 705	1 700	437 768	
B-1-C			2 339	442 366	end sideline
	4 444	424 291		419 847	
T.P.	2 632	416 088	10 835	413 456	
P.T. # 1			4 883	411 205	—
B-1-B			5 621	410 467	—
T. P.	9 322	417 868	7 542	408 546	
B-1			8 673	409 195	—
T. P.	7 506	416 770	8 604	409 264	
T. P.	11 698	427 806	0 662	416 108	begin sideline
C-1			0 888	426 918	end sideline —
	1 371	417 479		416 108	

F. B. 2616 Pg. 140
Job No 0021.64 Division No 10 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date Date No X-Sec.
Survey by C.K. LIND Notes WILKS 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.		
		417 479				
T.P.	0 316	407 125	10 670	406 809		
T.P.	0 524	396 759	10 890	396 235		
T.P.	0 553	387 023	10 289	386 470		
T.P.	0 571	377 262	10 332	376 691		
T.P.	5 741	374 924	8 079	369 183		
T.P.	1 472	365 477	10 919	364 005	begin sideline	
T.P.	0 400	355 707	10 170	355 307		
T.P.	2 540	348 058	10 189	345 518		
B.M. 50-12			7 010	341 048	end sideline	
	7 339	371 344		364 005		
T.P.	4 524	368 194	7 674	363 670		
RADIAL 1	5 839	365 584	8 449	359 745		
T.P.	1 044	355 355	11 273	354 311		
T.P.	0 234	344 808	10 781	344 574		
T.P.	1 156	335 041	10 923	333 885		
T.P.	0 657	325 859	9 839	325 202		
A-3			3 452	322 407		
A-4	7 222	329 371	3 710	322 149		
T.P.	0 312	323 189	6 494	322 877		
G-1	7 112	322 771	7 530	315 659		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10
X-Sec. No. ____ Date ____ Date ____ Survey of PORT. BEND LANDSLIDE
Notes Chkd. ____ Date ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 6-28-60
Map No. ____ Date ____ Indexed H. E. OTT Date ____

F. B. 2616 Pg. 141

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STATION	B. S.	H. I.	F. S.	ELEV.		
		322 771				
T.P.	3 360	318 618	7 513	315 258		
SHIELDS	4 338	314 615	8 341	310 277		
T.P.	2 760	312 734	4 641	309 974		
T.P.	0 202	301 366	11 570	301 164		
T.P.	1 710	291 221	11 855	289 511		
T.P.	0 294	281 643	9 872	281 349		
T.P.	0 675	270 954	11 364	270 279		
T.P.	0 967	260 821	11 100	259 854		
T.P.	0 768	251 339	10 250	250 571		
T.P.	0 649	241 149	10 839	240 500		
T.P.	0 728	231 184	10 693	230 456		
T.P.	0 935	220 796	11 323	219 861		
T.P.	0 540	211 624	9 712	211 084		
T.P.	5 546	206 110	11 060	200 564		
T.P.	6 929	210 738	2 301	203 809		
T.P.	7 000	213 890	3 848	206 890		
T.B.M. 50-13A			3 514	210 376	T.B.M. 50-13A EL. = 210.377 PER. PAGE 133	

F. B. 2616 Pg. 142

Job No. 0021.64 Division No. 10 Notes Red Plotted Profile

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

Survey by C.K. LIND Notes WILKS 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.	P. B. LANDSLIDE LINE #3 6-29-60
T.B.M. 34-15A	0 646	231 633		230 987	T.B.M. 34-15A EL. = 230.987
T.P.	0 638	221 381	10 890	220 743	
T.P.	0 940	211 170	11 151	210 230	
K-13	3 638	205 398	9 410	201 760	
T.P.	0 590	194 666	11 322	194 076	
K-12			2 510	192 156	
T.P.	0 969	184 277	11 358	183 308	
K-10 A	3 013	175 780	11 510	172 767	
K-10-C			8 343	167 437	
K-10			8 379	167 401	
T.P.	1 858	169 295	8 343	167 437	
K-9A			5 772	163 523	
K-9B			7 375	161 920	
K-9	1 662	160 987	9 970	159 325	
K-8B			5 487	155 500	
T.P.	0 250	151 035	10 202	150 785	
T.P.	0 649	139 793	11 891	139 144	
T.P.	8 710	138 382	10 121	129 672	begin sideline
K-5			2 337	136 045	end sideline
	0 402	130 074		129 672	
T.P.	0 802	118 884	11 992	118 082	

Profile Notes Red. Plotted Job No. 0021.64 Division No. 10 F. B. 2616 PG. 143
No. Date Date Survey of PORT BEND LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by C.K. LIND Notes WILKS Date 6-29-60
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.		
		118 884				
T.P.	1 246	113 647	6 483	112 401		
W.-3			2 976	110 671		
T.P	1 212	104 301	10 558	103 089		
K-5AUX.			2 521	101 780		
T.P.	0 251	92 902	11 650	92 651		
T.P.	0 220	81 603	11 519	81 383		
K-4			2 710	78 893		
K-A			6 274	75 329		
T.P.	0 305	70 242	11 666	69 937		
K-AB			1 737	68 505		
T.P.	3 500	63 701	10 041	60 201		
T.B.M.# 28			5 503	58 198		
K-3A	3 070	57 509	9 262	54 439		
T.P.	1 041	47 480	11 070	46 439		
T.B.M. 27AUX3			10 820	36 660		
T.P.	0 922	36 881	11 521	35 959		
K-2A			1 530	35 351		
T.P.	0 493	26 166	11 208	25 673		
T.P.	7 220	21 563	11 823	14 343	begin sideline	
T.P	4 682	25 871	0 374	21 189		

F. B. 2616 PG. 144

Job No. 0021.64 Division No. 10 Notes Red Plotted Profile

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

Survey by C.K. 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.		
		25 871				
T.P.	0 198	14 816	11 253	14 618		
P.B. #1			7 176	7 640	end sideline	
T.P.	6 947	21 290		14 343		
T.P.	4 045	17 192	8 143	13 147		
T.P.	2 420	08 211	11 401	05 791	begin sideline	
P.B. #5A			7 430	00 781	end sideline	
	9 841	15 632		05 791		
T.P.	5 234	16 768	4 098	11 534		
T.P.	5 300	17 294	4 774	11 994		
T.P.	3 341	09 426	11 209	06 085		
P.B. #6A			9 061	00 365		
T.P.	6 540	09 996	5 970	03 456		
T.P.	7 028	16 584	0 440	09 556		
T.P.	3 669	17 243	3 010	13 574		
T.P.	5 438	17 733	4 948	12 295		
T.P.	0 680	13 173	5 240	12 493		
P.B. #8			5 170	08 003		

Profile Notes Red. Plotted Job No. 0021.64 Division No. 10 F. B. 2616 Pg. 145
No. Date Date Survey of PORT BEND LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by C.K. LIND Notes WILKS Date 6-29-60
No. Date Date Map No. Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	P. B. LANDSLIDE 6-29-60
P. B. #9	3 970	408 112		404 142	P. B. # EL. = 404.142
T. P.	5 772	410 089	3 795	404 317	
T. P.	6 972	413 341	3 720	406 369	
P. I. 5B			3 275	410 066	
T. P.	6 385	416 038	3 688	409 653	
T. P.	0 300	409 636	6 702	409 336	
T. B. M. #30	1 652	406 987	4 301	405 335	
T. P.	6 640	405 926	7 701	399 286	
T. P.	6 518	408 798	3 646	402 280	
P. B. #4C			2 900	405 898	
T. P.	6 565	411 075	4 288	404 510	
T. P.	8 801	419 285	0 591	410 484	begin sideline
T. P.	9 339	428 089	0 535	418 750	
FRUIT TREE			3 601	424 488	end sideline
	8 987	419 471		410 484	
T. P.	6 804	424 647	1 628	417 843	
T. P.	5 205	425 822	4 030	420 617	
R. M. #1 S. P. H. G-7	4 578	426 225	4 175	421 647	
S. P. H. G-7			5 499	420 726	
R. M. #2 S. P. H. G-7			4 470	421 755	
T. P.	1 071	416 763	10 533	415 692	

F. B. 2616 Pg. 146

Job No. 002164 Division No. 10 Notes Red Date Plotted Date No. Profile

Survey of P. B. LANDSLIDE Notes WILKS Checked Date No. X-Sec.

Survey by C. K. LIND Notes Chkd. Date

Indexed H. E. OTT Date

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		416 763				
T.P.	2 145	407 963	10 945	405 818		
T.P.	0 568	397 682	10 849	397 114		
T.P.	0 678	387 450	10 910	386 772		
T.P.	2 075	380 253	9 272	378 178		
P.I. #3			7 330	372 923		
T.P.	1 005	369 958	11 300	368 953		
T.P.	1 613	363 499	8 072	361 886		
T.P.	1 649	354 525	10 623	352 876		
T.P.	1 478	344 951	11 052	343 473		
P.I. #2A			4 820	340 131		
P.I. #1	0 998	336 534	9 415	335 536	begin sideline	
T.P.	0 624	325 878	11 280	325 254		
T.P.	0 967	316 715	10 130	315 748		
T.P.	0 641	305 701	11 655	305 060		
T.P.	0 433	295 104	11 030	294 671		
T.P.	10 001	295 122	9 983	285 121		
H-7A			6 744	288 378		
H-7A ECC. 1			6 968	288 154		
H-7A ECC. 2			6 905	288 217	end sideline	
P.I. #1	0 878	336 414		335 536		

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2616 Pg. 147
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 6-29-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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F.B. 2616 Pg. 148

Job No. 0021.62 Division No. 10 Notes Red. Plotted Profile No.

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

Survey by C.K. LIND Notes WILKS Notes Chkd. Checked

Indexed H. E. OTT Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		336 414				
T.P.	0 833	327 048	10 199	326 215		
T.P.	1 069	316 525	11 592	315 456		
T.P.	0 970	307 134	10 361	306 164		
T.P.	0 653	296 826	10 961	296 173		
B.C.			5 780	291 046	—	
T.P.	0 280	286 100	11 006	285 820		
P.B. #10	0 928	280 480	6 548	279 552		
T.P.	0 746	271 005	10 221	270 259		
T.P.	0 259	259 984	11 280	259 725		
T.P.	0 647	250 212	10 419	249 565		
T.P.	0 935	239 589	11 558	238 654		
T.P.	0 259	229 760	10 088	229 501		
T.P.	0 538	219 309	10 989	218 771		
W.F. #1	7 291	217 767	8 833	210 476		
T.P.	0 323	209 887	8 203	209 564		
P-1			10 623	199 264	—	
T.P.	0 853	200 132	10 608	199 279		
T.P.	0 238	189 154	11 216	188 916		
T.P.	0 690	179 924	9 920	179 234		
T.P.	2 874	172 699	10 099	169 825		

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		172 699				
T.B.M. #31			5 632	167 067		
					LINE 5 6-30-60	
P.B. 9A	0 298	414 510		414 212		
T.P.	0 750	403 802	11 458	403 052		
T.P.	0 622	392 745	11 679	392 123		
T.P.	0 515	381 904	11 356	381 389		
T.P.	2 560	374 802	9 662	372 242	x	
T.P.	10 681	384 744	0 739	374 063		
T.P.	7 283	390 273	1 754	382 990		
T.P.	4 773	387 705	7 341	382 932		
T.P.	10 388	397 251	0 842	386 863		
WEST FIX	3 092	396 933	3 410	393 841		
T.P.	2 006	388 900	10 039	386 894		

Profile Notes Red ____ Plotted ____ Job No. 0021164 Division No. 10 F. B. 2616 PG. 149
No. ____ Date ____ Date ____ Survey of R. B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C. KLIND Notes WILKS Date 6-30-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
		388 900			
T.P.	1 428	383 683	6 645	382 255	
T.P.	1 998	380 114	5 567	378 116	
T.P.	4 347	376 287	8 174	371 940	
T.P.	0 594	372 836	4 045	372 242	begin sideline
T.P.	0 512	365 454	7 894	364 942	
T.P.	3 151	361 433	7 172	358 282	
S.B. #3			8 590	352 843	end sideline
	8 990	381 232		372 242	
T.P.	10 729	391 449	0 512	380 720	
S.B. #2			8 225	383 224	
S.B. #1			2 470	388 979	
T.P.	9 369	399 173	1 645	389 804	
S.B. #1A			6 735	392 438	
P.T. #2 AUX	0 895	393 428	6 640	392 533	
P.T. #3	0 591	384 290	9 729	383 699	
T.P.	2 367	375 433	11 224	373 066	
P.T. #4	1 249	368 746	7 936	367 497	begin sideline
T.P.	0 548	358 156	11 138	357 608	
T.P.	0 938	349 016	10 078	348 078	
T.P.	0 514	338 528	11 002	338 014	

F. B. 2616 PG. 150

Job No. 0021.64 Division No. 10 Notes Red Plotted Profile

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

Survey by C.K. LIND Notes WILKS Notes Chkd Checked

Indexed H. E. OTT Date Date No.

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.		
		338 528				
H-2	1 074	327 817	11 785	326 743		
T.P.	2 342	319 239	10 920	316 897		
H-4			8 875	310 364	end sideline	
P.T. #4	0 848	368 345		367 497		
T.P.	0 380	357 890	10 835	357 510		
T.P	0 322	347 397	10 815	347 075		
P.T. #5	0 822	339 147	9 072	338 325		
T.P.	0 449	328 936	10 660	328 487		
T.P.	0 710	319 449	10 202	318 734		
P.T. #6 AUX. 3	9 672	320 688	8 428	311 016	begin sideline	
I-1	1		4 203	316 485		
T.P.	0 780	311 250	10 218	310 470		
T.P.	0 855	300 881	11 224	300 026		
T.P.	2 836	292 705	11 012	289 869		
I-2			9 662	283 043		
I-3			11 562	281 143		
T.P.	11 640	300 522	3 823	288 882		
BLAKESLEY			0 020	300 502	end sideline	
P.T. #6 AUX. 3	0 381	311 397		311 016		
T.P.	0 820	301 867	10 350	301 047		

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2616 Pg. 151
No. ____ Date ____ Date ____ Survey of PORT. BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 6-30-60
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.		
		301 867				
T.P.	0 188	291 073	10 982	290 885		
T.P.	1 141	282 ~~274~~ 3	9 840	281 ~~133~~ 2		
T.P.	0 294	271 ~~454~~ 554	11 114	271 ~~160~~ 2		
P.T. #7			3 065	268 ~~389~~ 4		
T.P.	0 310	260 ~~592~~ 6	11 172	260 ~~282~~ 3		
T.P.	0 885	249 ~~835~~ 9	11 642	24~~8~~ ~~950~~ 9 050		
T.P.	0 992	239 ~~809~~ 9	11 018	238 ~~817~~ 917		
T.P.	0 575	229 ~~817~~ 9	10 567	229 ~~242~~ 3		
T.P.	0 568	~~219 967~~ 220 067	10 418	219 ~~899~~ 4		
T.P.	0 824	211 ~~758~~ 8	9 033	21~~0~~ ~~934~~ 1 034		
B.M.-C	0 641	203 ~~889~~ 9	8 510	203 ~~248~~ 3		
T.P.	2 368	195 ~~404~~ 5	10 853	193 ~~036~~ 1		
B.M. 34-17A			2 604	192 ~~800~~ 9		
					PART OF LINE 4	7-1-60
T.P.	5 474	153 891		148 417		
K-1B			5 163	148 728	—	
K-1C			6 299	147 592	—	
T.P.	7 377	160 240	1 028	152 863		
K-1A			0 00	160 240		
			11 823	148 417	—	

F. B. 2616 Pg. 152

Job No 0021.64 Division No 10 Notes Red Plotted Profile

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

Survey by C.K. LIND Notes WILKS Notes Chkd Checked

Indexed H. E. OTT Date Date Date No.

76L-298 CE 307 1/1-58

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STATION	B.S.	H.I.	F.S.	ELEV.	B.M. 50-18 TO Q-4 & RETURN	
B.M. 50-18	3 392	172 044		168 652	B.M. 50-18 EL.= 168.652	PER PAGE 136
T.P.	1 681	163 552	10 173	161 871		
T.P.	0 668	153 955	10 265	153 287		
T.P.	9 780	153 692	10 043	143 912		
T.P.	9 947	162 911	0 728	152 964		
T.P.	9 460	171 983	0 388	162 523		
T.P.	11 240	181 831	1 392	170 591		
T.P.	10 034	189 745	2 120	179 711		
T.P.	11 371	199 330	1 786	187 959		
T.P.	10 002	208 651	0 681	198 649		
T.P.	11 217	219 353	0 515	208 136		
T.P.	7 143	225 259	1 237	218 116		
Q-4	1 365	223 337	3 287	221 972		
T.P.	0 208	212 900	10 645	212 692		
T.P.	0 628	201 866	11 662	201 238		
T.P.	0 396	190 540	11 722	190 144		
T.P.	5 141	186 212	9 469	181 071		
T.P.	1 072	177 204	10 080	176 132		
B.M. 50-18			8 550	168 654		

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2616 Pg. 153
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by C. K. LIND Notes WILKS Date 7-6-60
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.	B.M. 50-18 TO S.P.H. H-8 & RETURN
B.M. 50-18	3 300	171 952		168 652	
T.P.	0 800	161 849	10 903	161 049	
T.P.	0 349	151 937	10 261	151 588	
T.P.	0 635	141 783	10 789	141 148	
T.P.	0 269	130 249	11 803	129 980	
T.P.	5 741	128 691	7 299	122 950	
T.P.	10 459	138 820	0 330	128 361	
T.P.	7 125	143 675	2 270	136 550	
T.P.	1 690	133 360	12 005	131 670	
T.P.	0 620	123 002	10 978	122 382	
S.P.H. H-8	9 083	123 233	8 852	114 150	
T.P.	11 249	133 642	0 840	122 393	
T.P.	11 040	142 713	1 969	131 673	
T.P.	0 880	137 450	6 143	136 570	
T.P.	1 810	127 631	11 629	125 821	
T.P.	11 751	138 093	1 289	126 342	
T.P.	10 950	147 843	1 200	136 893	
T.P.	11 066	158 639	0 270	147 573	
T.P.	7 201	165 454	0 386	158 253	
T.P.	7 550	171 961	1 043	164 411	
B.M. 50-18			3 309	168 652	

3339

P.B. 2616 Pg. 154

Job No. 2021.64 Division No. 10 Notes Red ____ Plotted ____ Profile ____

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

Survey by C.K. LIND Notes WILKS Notes Chkd. ____ Checked ____ X-Sec. ____

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

76L-298 CE 307 11-58

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P.B. LANDSLIDE LINE #1 8-1-60

STATION	B.S.	H.I.	F.S.	ELEV.	
P.B. #9	4 028	408 170		404 142	P.B. #9 EL. = 404.142
T.P.	6 151	410 472	3 849	404 321	
T.B	5 651	412 983	3 140	407 332	
P.I. 5-B	4 113	414 195	2 901	410 082	
T.P.	3 255	414 321	3 129	411 066	
T.B.M. #30	0 292	405 616	8 997	405 324	
T.P.	6 348	406 149	5 815	399 801	
T.P.	6 004	408 275	3 878	402 271	
P.I. 4-e	4 770	410 658	2 387	405 888	
T.P.	9 920	418 801	1 777	408 681	
T.P.	10 472	427 993	1 280	417 521	begin sideline
FRUIT TREE			3 527	424 466	end sideline
T.P.	4 110	421 631		417 521	
T.P.	5 720	425 001	2 350	419 281	
T.P.	5 522	426 053	4 470	420 531	
CENTER S.P.H. G-7 R.M. #1	4 769	425 502	5 320	420 733	
S.P.H. G-7 R.M. #2	3 638	425 290	3 850	421 652	
S.P.H. G-7	+		3 530	421 760	
T.P.	0 275	414 285	11 280	414 010	
T.P.	0 890	404 871	10 304	403 981	
T.P.	0 467	394 188	11 150	393 721	

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 C.K. LIND Notes WILKS Date 8-1-60 Map No. Indexed H.E. OTT Date

F.B. 2616 Pg. 155

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F S.	ELEV		
		394 188				
T.P.	0 650	383 126	11 712	382 476		
P.I. #3	0 530	373 456	10 200	372 926		
T.P.	1 429	363 315	11 570	361 886		
T.P.	0 610	353 483	10 442	352 873		
T.P.	0 240	342 780	10 943	342 540		
P.I. #2A			2 642	340 138		
P.I. #1	0 977	336 517	7 240	335 540	begin sideline	
T.P.	1 130	326 387	11 260	325 257		
T.P.	1 448	317 199	10 636	315 751		
T.P.	0 912	306 412	11 699	305 500		
T.P.	0 520	295 194	11 738	294 674		
T.P.	10 137	295 256	10 075	285 119		
S.P.H. H-7A Ecc. #1			6 868	288 388		
S.P.H. H-7A Ecc. #2			7 098	288 158		
S.P.H. H-7A			7 035	288 221	end sideline	
T.P.	0 494	336 034		335 540		
T.P.	0 751	326 096	10 689	325 345		
T.P.	0 268	315 724	10 640	315 456		
T.P.	1 180	304 894	12 010	303 714		
T.P.	1 088	295 202	10 780	294 114		

F.B. 2616 Pg. 156

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

Survey of P.B. LANDSLIDE Notes Chkd. Checked X-Sec. No.

Survey by C.K. LIND Notes WILKS Date Date

Indexed D. E. OTT Date

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #1	8-1-60
		295 202				
B.C.			4 161	291 041		
T.P.	1 952	287 764	9 390	285 812		
T.P.	3 195	282 754	8 205	279 559		
P.B. #10	0 689	280 230	3 213	279 541		
T.P.	0 308	270 561	9 977	270 253		
T.P.	0 367	259 210	11 718	258 843		
T.P.	0 645	250 182	9 673	249 537		
T.P.	0 809	239 451	11 540	238 642		
T.P.	0 633	230 099	9 985	229 466		
T.P.	0 195	218 962	11 332	218 767		
W.F. #1			8 490	210 472		
T.P.	3 ~~060~~ 006	210 228	11 740	207 222		
Pr-1			10 963	199 265		
T.P.	0 357	199 195	11 390	198 838		
T.P.	0 309	188 154	11 350	187 845		
T.P.	0 737	177 341	11 550	176 604		
			10 290	167 051		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2616 Pg. 157
Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 8-1-60
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 CE 307 11-58

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8-1-60

PORT. BEND LANDSLIDE LINE #6

STATION	B.S.	H.I.	F.S.	ELEV	
B.M. 50-9	11 257	1010 660		999 403	B.M. 50-9 EL. = 999.403
T.P.	0 382	999 599	11 443	999 217	
T.P.	0 315	988 181	11 733	987 866	
T.P.	0 256	976 938	11 499	976 682	
T.P.	0 572	967 018	10 492	966 446	
T.P.	0 532	955 597	11 953	955 065	
T.B.M. #11			8 332	947 265	
T.P.	1 890	946 758	10 729	944 868	
Z-1	0 898	936 257	11 399	935 359	
T.P.	1 415	926 265	11 407	924 850	
T.P.	1 190	917 147	10 308	915 957	
T.P.	0 570	905 997	11 720	905 427	
T.P.	0 617	895 394	11 220	894 777	
T.P.	0 552	885 227	10 719	884 675	
T.P.	0 190	874 687	10 730	874 497	
T.P.	0 677	864 157	11 207	863 480	
B.M. 50-10			6 022	858 135	
T.P.	0 223	854 375	10 005	854 152	
T.P.	1 560	844 486	11 449	842 926	
T.P.	0 702	833 898	11 290	833 196	
T.P.	0 683	822 914	11 667	822 231	

Profile No. ____ Plotted ____ Date ____
X-Sec. No. ____ Date ____
Notes Red ____ Date ____
Notes Chkd. ____ Date ____
Checked ____ Date ____

Job No. 022164 Division No. 11
Survey of P.B. LANDSLIDE
Survey by C.K. LIND Notes WILKS
Indexed ____ Date ____

F.B. 2616 Pg. 158

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LINE 6 8-1-60

STATION	B.S.	H.I.	F.S.	ELEV.
		822 914		
T.P.	0 507	811 496	11 925	810 989
T.P.	1 017	801 133	11 380	800 116
Y-4			7 170	793 963
T.P.	0 470	790 929	10 674	790 459
T.P.	5 157	784 196	11 890	779 039
T.B.M. #12			7 045	777 151
T.P.	0 580	773 536	11 240	772 956
T.P.	0 420	762 943	11 013	762 523
T.P.	0 600	751 816	11 727	751 216
T.P.	0 230	740 301	11 745	740 071
T.P.	0 330	728 759	11 872	728 429
T.P.	0 311	717 208	11 862	716 897
T.P.	0 684	706 169	11 723	705 485
T.P.	0 350	694 640	11 879	694 290
T.P.	0 360	683 781	11 219	683 421
T.B.M. #13			7 810	675 971
T.P.	0 300	672 171	11 910	671 871
T.P.	0 952	661 963	11 160	661 011
T.P.	2 052	655 070	8 945	653 018
B.M. 50-11			7 540	647 530

Profile Notes Red ____ Plotted ____ Job No. 00216 Division No. 11
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes W/LCKS Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed B.E. OTT Date ____

F.B. 2616 PG. 159

76L-298 CE 307 11-58

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P.B. LANDSLIDE LINE #4 8-2-60

STATION	B.S.	H.I.	F.S.	ELEV.	
B.M. 34-15A	2 082	233 069		230 987	B.M. 34-15A EL. = 230.987
T.P.	3 925	231 893	5 101	227 968	
T.P.	3 710	228 845	6 758	225 135	
T.P.	3 768	226 609	6 004	222 841	
T.P.	2 505	221 803	7 311	219 298	
T.P.	3 750	217 996	7 557	214 246	
T.B.M. 50-13A	3 937	214 334	7 599	210 397	
T.P.	4 212	211 960	6 586	207 748	
B.M. 50-13			3 971	207 989	
T.P.	4 101	208 818	7 243	204 717	
T.B.M. #15	3 750	201 228	11 340	197 478	
T.P.	4 735	205 563	0 400	200 828	
J-5	6 891	206 265	6 189	199 374	
T.P.	10 841	215 411	1 695	204 570	
R-2 ECC. 1	7 511	217 851	5 071	210 340	
T.P.	4 850	211 432	11 269	206 582	
R-2			8 455	202 977	
T.P.	7 791	218 964	0 259	211 173	
J-4			2 413	216 551	
T.P.	5 159	219 169	4 954	214 010	
J-3			5 475	213 694	

F.B. 2616 PG. 160

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

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

Survey by C.K. LIND Notes WILKS Notes Chkd. Checked

Indexed H.E. OH Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 4	8-2-60
		219 169				
T.P.	0 412	216 059	3 522	215 647		
T.P.	8 651	212 833	11 877	204 182		
J-1	+		9 670	203 163		
T.P.	10 796	221 779	1 850	210 983		
T.P.	11 002	232 032	0 749	221 030		
T.P.	9 190	238 931	2 291	229 741		
J-1A	0 790	232 686	7 035	231 896		
T.P.	0 583	222 347	10 922	221 764		
T.P.	0 358	211 393	11 312	211 035		
T.P.	0 472	200 650	11 215	200 178		
T.P.	5 734	197 041	8 343	192 307	begin sideline	
T.P.	0 808	188 215	10 634	187 407		
T.P.	0 858	177 764	11 309	176 906		
T.P.	0 976	168 590	10 150	167 614		
T.P.	0 700	157 856	11 434	157 156		
T.P.	0 338	147 607	10 587	147 269		
T.P.	1 308	137 135	11 780	135 827		
T.B.M. #25			11 699	125 436	end sideline	
T.P.	1 115	193 422		192 307		
	8 378	193 706	8 094	185 328		

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11
No. ____ Date ____ Date ____ Survey of PORT. BEND LANDSLIDE
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by G.K. LIND Notes WILKS Date 8-2-60
No. ____ Date ____ date ____ Map No. ____ Indexed H.E. OTT Date ____

F.B. 2616 Pg. 161

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #4 8-2-60
		193 706			
T.P.	8 041	199 939	1 808	191 898	
T.P.	4 984	197 613	7 310	192 629	
B.M. 34-17A			4 791	192 822	
T.P.	5 439	198 693	4 359	193 254	
T.P.	11 408	204 491	5 610	193 083	begin sideline
T.P.	10 572	214 553	0 510	203 981	
T.P.	11 354	224 726	1 181	213 372	
T.P.	11 592	235 483	0 835	223 891	
T.P.	10 617	245 619	0 481	235 002	
T.P.	11 152	256 405	0 366	245 253	
T.P.	10 292	265 735	0 962	255 443	
T.P.	11 479	275 782	1 432	264 303	
T.P.	9 634	284 052	1 364	274 418	
T.P.	10 400	294 018	0 434	283 618	
T.P.	11 142	304 461	0 699	293 319	
P-4			1 911	302 550	end sideline
T.P.	4 105	197 188		193 083	
T.P.	2 386	195 534	4 040	193 148	
T.P.	0 668	186 512	9 690	185 844	
	0 598	176 709	10 401	176 111	

F.B. 2616 Pg. 162

Job No. 002164 Division No. 10 Notes Red ____ Plotted ____ Profile ____

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

Survey by C.K. LIND Notes WILKS Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #4	8-2-60
		176 709				
B.M. 34-18			8 074	168 635		
T.P.	1 332	166 523	11 518	165 191		
T.P.	9 315	169 839	5 999	160 524	begin sideline	
T.P.	11 986	180 211	1 614	168 225		
T.P.	8 237	187 646	0 802	179 409		
T.P.	8 041	193 005	2 682	184 964		
P-3A			2 655	190 350	end sideline	
T.P.	2 082	162 606		160 524		
T.P.	5 971	163 203	5 374	157 232		
P-3			5 192	158 011		
T.P.	5 812	165 312	3 703	159 500		
T.P.	6 443	166 930	4 825	160 487		
T.P.	6 065	168 465	4 530	162 400		
P-2			5 102	163 363		
T.P.	5 960	170 887	3 538	164 927		
T.B.M. #31			3 838	167 049		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of P.O. LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by LINO Notes WILLIS Date 7-2-60
Date ____ Date ____ Map No. ____ Indexed B.E. OTT Date ____

F.B. 2616 PG. 163

76L-298 CE 307 11-58

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P.B. LANDSLIDE LINE # 3 7-3-60

STATION	B.S.	H.I.	F.S.	ELEV.	
T.B.M 34-15A	0527	231 514		230 987	T.B.M 34-15A EL = 230.987
T.P.	0550	221 289	10 775	220 739	
T.P.	0430	212 649	9 070	212 219	
K-13			10 900	201 749	
T.P.	0733	202 470	10 912	201 737	
K-12	0801	192 921	10 350	192 120	
K-11	0842	182 210	11 553	181 368	
K-10-A	3255	175 989	9480	172 730	
K-10-B			6370	169 615	
K-10			8620	167 365	
K-10-C			8578	167 407	
T.P.	3240	169 075	10 150	165 835	
K-9-A			5573	163 502	
K-9-B			7180	161 895	
K-9			9774	159 301	
K-8+A	0745	158 581	11 239	157 836	
K-8-B			3100	155 481	
T.P.	0580	148 046	11 115	147 466	
T.P.	0470	136 876	11 640	136 406	
T.P.	8235	141 636	3475	133 401	
K-5	5600	141 636	5600	136 036	

P.B. 2616 Pg. 164 Job No. 002164 Division No. 11 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
Survey by LINO Notes LINO Notes Chkd. Checked
Indexed H. E. OH Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	Line #3	7-3-60
		141 630				
T.P.	0400	133 801	8235	133 401		
T.P.	1150	124 351	10 600	123 201		
T.P.	1603	114 969	10 985	113 366		
W-3			4317	110 652		
T.P.	0240	105 279	9930	105 039		
K-5 Aux			3510	101 769		
T.P.	0668	94 237	11 710	93 569		
T.P.	0320	83 497	11 060	83 177		
K-4			4805	78 692		
K-A			8360	75 137		
T.P.	0750	73 127	11 120	72 377		
	2880	64 037	11 970	61 157		
TBM# 28	2380	60 487	5930	58 107		
K-3A			6130	54 357		
T.P.	0480	50 807	10 160	50 327		
T.P.	1130	42 472	9465	41 342		
TBM 27 Aux 3			5837	36 635		
T.P.	0790	38 552	4710	37 762		
T.P.	0263	27 618	11 197	27 355		
	2648	21 486	8780	18 838		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2616 Pg. 1/65
X-Sec. No. ____ Date ____ Date ____ Survey of Port Beno Landslide
Notes Chkd. ____ Checked ____ Survey by Lino Notes Lino Date 7-3-60
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		
		21 480				
TP	10120	26 693	4 913	16 573		
			1 230	25 463 *		
		BEG SIDE LINE TO P.B. #1				
T.P.	0373	16 779	10 281	16 405		
P.B. #1			9 165	7 614		
		END SIDE LINE				
T.P.	5470	30 933		25 463 *		
GROIN ECL #1	0843	31 261	0 515	30 418		
T.P.	1315	21 230	11 340	19921		
T.P.	1245	16 719	5762	15 474		
T.P.	3560	16 169	4110	12 609		
T.P.	4815	16 614	4370	11 799		
T.P.	5117	17 431	4300	12 314		
T.P.	1980	7 469	11 942	5 489		
P.B. 6A			7113	0 356		
T.P.	5650	9039	4080	3 389		
T.P.	4355	8 712	4678	4 361		
T.P.	9860	13306	5270	3 446		
P.B. # 8			5315	7991	P.B. # 8 EL = 7.994	

F.B. 2616 Pg. 166
Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of PORT BEND LANNYLIDE Date Date No. X-Sec.
Survey by H. E. Ott Notes LIND 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.	PORT. BEND LANDSLIDE LINE #2 7-3-60
P.B. #9	4170	408 312		404 142	P.B. #9 EL= 404.142
T.P.	6680	410 747	4245	404 067	
T.P.	5978	412 938	3787	406 960	
T.P.	7195	416 478	3655	409 283	
P.B.# 9-A	7590	421 793	2275	414 203	
T.P.	11 270	430 208	2855	418 938 *	
		BES	SIDE	LINE	TO B-1C
T.P.	10 597	440 167	0638	429 570	
T.P.	9609	447 048	2728	437 439	
B-1-C			4758	442 290	
		END	SIDE	LINE	
T.P.	5950	424888		418 938 *	
	0560	413 838	11610	413 278	
P.T.# 1			2790	411 048	
B-1-B			3470	410 368	
T.P.	6060	416 718	3180	410 658	
B-1			7615	409 103	
T.P.	10 470	420 003	7185	409 533	
T.P.	0237	409 253	10 987	409 016	
	0385	398 523	11 115	398 138	
	0515	389 115	9923	388 600	

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0021.64 Division No. 11 Survey of PORT BEND LANDSLIDE Survey by LINN Notes LINN Date 7-3-60 Map No. ____ Indexed B. E. OTT Date ____

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

F.B. 2616 Pg. 167

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STATION	B.S.	H.I.	F.S.	ELEV	
		389 115			
T.P.	0455	379 030	10 540	378 575	
T.P.	6625	375 515	10 140	368 890	
T.P.	0905	365 287	11 133	364 392	*
		BEG. SIDE TO BM 50-12			
T.P.	0413	354 000	11 700	353 587	
T.P.	2922	345 850	11 072	342 928	
BM 50-12			4820	341 030	
		END SIDE LINE			
T.P.	7487	371 869		364 382	*
T.P.	4437	367 936	8 370	363 499	
RADIAL # 1	3130	362 890	8 170	359 760	
T.P.	0810	352 158	11 550	351 348	
T.P.	0750	342 590	10 310	341 846	
T.P.	2152	333 448	11 300	331 296	
STA A-3	5600	327 968	11 080	322 368	
STA A-4	4615	326 853	5730	322 238	
STA G-1	7740	323 493	11 100	315 753	
T.P.	3765	318 523	8 735	314 758	
STA SHIELDS	4205	314 578	8 150	310 373	
T.P.	3800	306 860	11 512	303 066	

P.B. 2616 Pg. 168 Job No. 0021 64 Division No. 11 Notes Red Plotted Profile
Survey of PORT BEND LANDSLIDE Date Date No. X-Sec.
Survey by [illegible] Notes [illegible] Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 CE 307 11-56

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STATION	B.S.	H.I.	F.S.	ELEV.		
		306 866				
T.P.	0260	296 676	10 450	296 416		
T.P.	0537	287 053	10 160	286 516		
T.P.	0567	277 690	9930	277 123		
T.P.	0748	267 341	11 097	266 593		
T.P.	0637	256 941	11 037	256 304		
T.P.	0416	246 774	10 583	246 358		
T.P.	0546	237 242	10 078	236 696		
T.P.	0895	226 837	11 300	225 942		
T.P.	0739	217 636	9940	216 897		
T.P.	1920	208 456	11 100	206 536		
T.P.	6520	210 051	4925	203 531		
T.P.	6700	213 626	3125	206 926		
TBM 50-13A			3 206	210 420	TBM 50-13A	EL= 210.397 pg 160

Profile Notes Red ____ Plotted ____ Job No. 0021.4 Division No. 11 F.B. 2616 Pg. 169
No. ____ Date ____ Date ____ Survey of Port Bend Landscape
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 7-3-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ R. E. OH Date ____

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LINE # 5

STATION	B.S.	H.I.	F.S.	ELEV	PORT BEND LAND SLIDE 7-4-60
P.B. 9-A	1410	415 613		414 203	P.B. 9-A EL= PG
T.P.	0285	405 107	10791	404 822	
T.P.	0319	394 549	10877	394 230	
T.P.	0695	384 359	10885	383 664	
T.P.	6592	380 087	10864	373 495	*
		BEG	SIDE	LINE	TO W. FIX
T.P.	8865	384 022	4930	375 157	
T.P.	9915	389 007	4930	379 092	
T.P.	9012	395 879	2140	386 867	
WEST FIX			2070	393 809	
		END	SIDE	LINE	
T.P.	1347	374 842		373495	*
T.P.	1610	366 551	9901	364 941	
T.P.	4658	359 581	11 628	354923	
S.B. # 3	6733	359 581	6733	352 848	
T.P.	11628	366 551	4658	354 923	
T.P.	9901	374 842	1610	364 941	
T.P.	9965	383 464	1347	373 495	
S.B# 2	11684	394909	4235	383 225	
S.B# 1			5948	38 8961	
S.B# 1-A			2509	392400	

F.B. 2616 Pg. 170
Job No. 0001.CA Division No. 11
Survey of PORT BEND LANDSLIDE
Survey by LINE Notes LINE Notes Chkd. Checked Plotted Notes Red Date Date Date Date Date
Indexed H. E. OTT Date Date No. X-Sec. No. Profile

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		394 909				
T.P.	2650	396 581	0978	393 931	✓	
P.T. # 2 Aux 3			4072	392 509	✓	
T.P.	0315	385 004	11892	384 689	✓	
P.T. # 3			1350	383 654	✓	
T.P.	1840	376 194	10 650	374 354	✓	
P.T. # 4	1729	369 166	8763	367 431	✓ *	
		BEG	SIDE	LINE	TO	H-2 & H-4
T.P.	0877	358 418	11619	357 541	✓	
T.P.	0575	347 642	11351	347 067	✓	
T.P.	1147	337 290	11499	336 143	✓	
H-2	0921	327 596	10 615	326 675	✓	
T.P.	3587	321 021	10162	317 434	✓	
H-4			10705	310 316	✓	
		END	SIDE	LINE		
P.T. # 4	0850	368 281		367 431	✓ *	
T.P.	0351	357 807	10 825	357 456	✓	
T.P.	1468	348 381	10 834	346 973	✓	
P.T. # 5	2380	340 649	10 112	338 269	✓	
T.P.	1332	330 084	11 897	328 752	✓	
T.P.	1 480	320 155	11409	318 675	✓	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2616 Pg. 171
No. ____ Date ____ Date ____ Survey of P.B. LANDSLINE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LINO Notes LINO Date 7-4-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTI Date ____

76L-296 CE 307 11-58

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F.B. 2116 Pg. 172 Job No. 0021.04 Division No. 11 Notes Red ____ Plotted ____ Profile No. ____
Survey of P.B. LAKESIDE Date ____ Date ____ X-Sec. No. ____
Survey by LINO Notes LINO Notes Chkd. ____ Checked ____
Indexed H. E. OTT Date ____ Date ____

STATION	B. S.	H. I.	F S.	ELEV		
		320 155				
P.T. 6 AUX 3	8 142	319 097	9 200	310 955	begin sideline	
T.P.	1 184	312 614	8 667	310 430		
T.P.	1 471	301 897	11 188	300 426		
T.P.	1 300	292 160	11 037	290 860		
I - 2			9 228	282 932		
T.P.	6 587	292 609	6 138	286 022		
I - 3			11 544	281 065		
T.P.	9 285	300 464	1 430	291 179		
BLAKESLEY			0 015	300 449	end sideline	
T.P.	1 820	312 575		310 955		
T.P.	1 480	303 871	10 984	301 591		
T.P.	1 003	292 794	11 280	291 791		
T.P.	2 425	285 842	10 577	282 817		
T.P.	1 203	273 935	11 910	273 732		
P.T. #7			5 610	268 925		
T.P.	0 860	268 871	11 924	262 811		
T.P.	1 151	254 597	9 425	253 446		
T.P.	1 804	246 842	9 959	244 838		
T.P.	1 668	236 448	11 962	234 480		
T.P.	1 202	227 270	10 080	226 068		

76L-288 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		227 ~~2~~70				
T.P.	1 264	217 ~~2~~13	11 421	215 ~~7~~49		
T.P.	1 310	209 ~~0~~53	9 370	207 ~~7~~43		
B.M. "C"	1 565	204 ~~8~~76	5 842	203 ~~7~~11		
T.P.	2 925	197 ~~1~~93	10 118	194 ~~6~~58		
B.M. 34-17 A			4803	192 ~~7~~80	BM 34-17-A	EL= 192.82 PG 162

Profile Notes Red ____ Plotted ____ Job No. 00216 Division No. 11
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 8-4-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H.E. OTT Date ____

F.B. 2616 Pg. 173

F.B. 2616 Pg. 174 Job No. 002164 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of H.B. LANDSLIDE Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-250 CE 307 11-56

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P. B. LANDSLIDE LINE #4 9-6-60

STATION	B.S.	H.I.	F.S.	ELEV.	
B.M. 34-15A	2 210	233 197		230 987	B.M. 34-15 A EL. = 230.987
T.P.	3 795	231 753	5 239	227 958	
T.P.	3 259	228 402	6 610	225 143	
T.P.	3 214	226 064	5 552	222 850	
T.P.	2 267	220 466	7 865	218 199	
T.P.	3 346	216 870	6 942	213 524	
T.B.M. 50-13A	3 654	214 064	6 460	210 410	*
T.P.	3 856	211 615	6 305	207 759	
B.M. 50-13			3 607	208 008	
T.P.	3 844	208 591	6 868	204 747	
T.B.M. #15	5 039	202 505	11 125	197 466	
T.P.	6 009	207 509	1 005	201 500	
J-5			8 158	199 351	
T.P.	8 320	214 509	1 320	206 189	
R.-2			11 535	202 974	
T.P.	7 045	217 807	3 747	210 762	
R-2 Sec. 1			7 539	210 268	
T.P.	9 190	219 357	7 640	210 167	
J-4	4 184	220 659	2 882	216 475	
J-3			7 121	213 538	
T.P.	1 334	213 481	8 512	212 147	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of PORT BEND LANDSLIDE
Survey by C.K. LIND Notes WILKS Date 9-6-60
Map No. ____ Indexed H. E. OTT Date SEP 2 2 '60

F.B. 2616 Pg. 175

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV		
		213 481				
J-1			10 466	203 015		
T.P.	11 460	216 136	8 805	204 676		
T.P.	11 564	226 811	0 889	215 247		
T.P.	10 509	236 845	0 475	226 336		
J-1A	1 430	233 243	5 032	231 813		
T.P.	0 550	222 248	11 545	221 698		
T.P.	0 774	211 318	11 704	210 544		
T.P.	0 651	200 801	11 168	200 150		
T.P.	7 992	200 238	8 555	192 246	begin sideline	
T.P.	0 264	188 967	11 535	188 703		
T.P.	0 697	177 983	11 681	177 286		
T.P.	0 547	168 087	10 443	167 540		
T.P.	0 645	157 714	11 018	157 069		
T.P.	0 229	147 402	10 541	147 173		
T.P.	0 846	136 706	11 542	135 860		
T.B.M. #25			10 408	126 298	end sideline	
T.P.	0 259	192 505		192 246		
T.P.	9 328	194 671	7 162	185 343		
T.P.	6 055	199 824	0 902	193 769		
B.M. 34-17A	4 725	197 561	6 988	192 836		

F.B. 2616 Pg. 176

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

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

Survey by C.K. LIND Notes WILKS Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed B.L. OTT Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE # 4	9-6-60
		197 561				
T.P.	5 515	198 801	4 275	193 286		
T.P.	5 940	199 573	5 168	193 633		
T.P.	10 923	202 794	7 702	191 871	begin sideline	
T.P.	11 594	213 620	0 768	202 026		
T.P.	11 867	225 285	0 202	213 418		
T.P.	11 546	235 474	1 357	223 928		
T.P.	11 586	246 625	0 435	235 039		
T.P.	11 820	256 937	1 508	245 117		
T.P.	11 155	267 897	0 195	256 742		
T.P.	11 315	278 864	0 348	267 549		
T.P.	11 922	288 198	2 588	276 276		
T.P.	10 613	297 581	1 230	286 968		
T.P.	8 993	304 949	1 625	295 956		
P-4			2 363	302 586	end sideline	
T.P.	5 630	197 501		191 871		
T.P.	1 512	191 171	7 842	189 659		
T.P.	1 255	182 222	10 204	180 967		
T.P.	1 282	173 516	9 988	172 234		
B.M. 34-18			4 828	168 688		
T.P.	8 672	172 237	9 951	163 565	begin sideline	

Profile Notes Red ____ Plotted ____ Job No. 002164 Division No. 11
No. ____ Date ____ Date ____ Survey of PORT. BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 9-6-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H.E. OTT Date ____

F.B. 2616 Pg. 177

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV		
		172 237				
T.P.	11 394	182 654	0 977	171 260		
T.P.	6 152	187 552	1 254	181 400		
T.P.	7 816	192 843	2 525	185 027		
P-3A			2 428	190 415	end sideline	
T.P.	0 273	163 838		163 565		
T.P.	5 506	162 688	6 656	157 182		
P-3			4 615	158 073		
T.P.	5 896	164 625	3 959	158 729		
T.P.	5 555	166 102	4 078	160 547		
T.P.	5 363	167 423	4 042	162 060		
T.P.	6 342	168 880	4 885	162 538		
P-2			5 466	163 414		
T.P.	6 000	171 190	3 690	165 190		
T.B.M #31			4 089	167 101	end of line #4	
					TBM #31. EL= 167.050	

F.B. 2616 PG. 178

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

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

Survey by C.K. 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.	P.B. LANDSLIDE LINE #3 9-12-60
T.B.M. 34-15A	0 484	231 471		230 987	T.B.M. 34-15A EL. = 230,987
T.P.	0 287	221 033	10 725	220 746	
T.P.	0 440	211 104	10 369	210 664	
K-13			9 341	201 763	
T.P.	0 870	202 629	9 345	201 759	
K-12	1 444	193 591	10 482	192 747	
T.P.	0 781	184 083	10 289	183 302	
K-11			2 689	181 394	
K-10A	1 056	173 814	11 325	172 758	
K-10B			4 173	169 641	
K-10C			6 389	167 425	
K-10			6 438	167 376	
T.P.	4 065	169 928	7 951	165 863	
K-9A			6 399	163 529	
K-9B			8 002	161 926	
K-9	1 523	160 849	10 602	159 326	
K-8A			2 999	157 850	
K-8B			5 345	155 504	
T.P.	0 841	151 622	10 068	150 781	
T.P.	1 089	141 391	11 320	140 302	
T.P.	8 232	137 903	11 720	129 671	begin sideline

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of PORT. BEND LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 9-12-60
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2616 Pg. 179

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV	
		137 903			
K-5			1 853	136050	end sidefine
T.P.	0 224	129 895		129671	
T.P.	1 289	120 759	10 425	119 470	
T.P.	2 464	112 995	10 228	110 531	
W-3			2 336	110 659	
T.P.	0 333	105 384	7 944	105 051	
K-5AUX.			3 606	101 778	
T.P.	0 555	94 602	11 337	94 047	
T.P.	0 420	83 432	11 590	83 012	
K-4			4 933	78 499	
K-A			8 475	74 957	
T.P.	0 450	74 202	9 680	73 752	
T.P.	0 678	64 009	10 871	63 331	
T.B.M. #28	2 668	60 722	5 955	58 054	
K-3A			6 387	54 335	
T.P.	0 683	50 897	10 508	50 214	
T.P.	0 805	41 572	10 130	40 767	
T.B.M. 27AUX3	2 242	38 784	5 030	36 542	
T.P.	0 990	28 446	11 328	27 456	
T.P.	5 463	22 386	11 523	16 923	

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Job No. 0021.64 Division No. 11
Survey of PORT. BEND LANDSLIDE
Survey by E.K. LIND Notes WILKS
Indexed ____ Date ____
F.B. 2616 Pg. 180

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	P.B. LANDSLIDE LINE #3 9-12-60	
		22 386				
T.P.	4 274	19 543	7 117	15 269		
T.P.	9 842	28 335	1 050	18 493	begin sideline	
T.P.	0 436	16 971	11 800	16 535		
P.B. # 1			9 380	07 591	end sideline	
T.P.	3 103	21 596		18 493		
T.P.	5 970	22 962	4 604	16 992		P.B. # 5A & P.B. # 6A
T.P.	2 392	17 254	8 100	14 862		ARE UNDER WATER
T.P.	3 832	15 934	5 152	12 102		HIGH TIDE
T.P.	5 224	16 615	4 543	11 391		
T.P.	4 338	16 106	4 847	11 768		
T.P.	1 034	9 943	7 197	8 909		
T.P.	4 970	9 175	5 738	4 205		
T.P.	4 365	9 560	3 980	5 195		
T.P.	3 669	9 649	3 580	5 980		
T.P.	5 680	9 849	5 480	4 169		
P.B. # 8			1 875	7 974		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 002164 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of PORT. BEND LANDSLIDE
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by C.K. LIND Notes WILKS Date 9-12-60
Map No. ____ Indexed H.E. OH Date ____

F.B. 2614 Pg. 181

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F.B. 2616 Pg. 182

Job No. 002164 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of P.B. LANDSLIDE Date ____ Date ____ No. ____
Survey by C.K. LIND Notes WILKS Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed H. B. Date ____ Date ____ Date ____ No. ____

PORT BEND LANDSLIDE LINE #6 9-13-60

STATION	B.S.	H.I.	F.S.	ELEV
B.M. 50-9	10 861	1010 264		999 403
T.P.	0 350	999 691	10 923	999 341
T.P.	0 496	988 357	11 830	987 861
T.P.	0 521	978 255	10 623	977 734
T.P.	0 857	967 160	11 952	966 303
T.P.	1 064	956 653	11 571	955 589
T.B.M. #11			9 380	947 273
T.P.	0 888	945 767	11 774	944 879
Z-1	0 576	935 952	10 391	935 376
T.P.	1 330	926 927	10 355	925 597
T.P.	1 057	917 325	10 659	916 268
T.P.	0 322	906 667	10 980	906 345
T.P.	0 310	896 507	10 470	896 197
T.P.	0 391	886 433	10 465	886 042
T.P.	0 322	875 791	10 964	875 469
T.P.	0 740	865 330	11 201	864 590
B.M. 50-10			7 180	858 150
T.P.	1 745	856 537	10 538	854 792
T.P.	0 307	846 016	10 828	845 709
T.P.	0 349	834 483	11 882	834 134
T.P.	0 423	823 734	11 172	823 311

B.M. 50-9 EL. = 999.403

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STATION	B.S.	H.I.	F.S.	ELEV.	PORT. BEND LANDSLIDE LINE #2 9-14-60	
P.B. #9	3 894	408 036		404 142	B.M. P.B. #9 EL. =	404.142
T.P.	6 947	411 116	3 867	404 169		
T.P.	5 930	413 169	3 877	407 239		
T.P.	6 948	416 845	3 272	409 897		
P.B. #9A	7 051	421 248	2 648	414 197		
T.P.	10 700	429 636	2 312	418 936	begin sideline	
T.P.	10 866	440 235	0 267	429 369		
T.P.	7 668	445 101	2 802	437 433		
B-1-C			2 812	442 289	end sideline	
T.P.	6 177	425 113		418 936		
T.P.	0 303	414 736	10 680	414 433		
P.T. #1			3 851	410 885		
B-1-B			4 593	410 143		
T.P.	7 747	416 893	5 590	409 146		
B-1			7 993	408 900		
T.P.	7 322	416 627	7 588	409 305		
T.P.	11 810	427 600	0 837	415 790	begin sideline	
C-1			0 740	426 860	end sideline	
T.P.	0 945	416 735		415 790		
T.P.	0 957	406 820	10 872	405 863		
T.P.	0 755	396 407	11 168	395 652		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of PORT BEND LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 9-14-60
Date ____ Date ____ Map No. ____ Indexed ____ H. E. OTI Date ____

F.B. 2616 Pg. 187

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STATION	B.S.	H.I.	F.S.	ELEV.	
		396 407			
T.P.	0 537	386 419	10 525	385 882	
T.P.	0 529	375 650	11 298	375 121	
T.P.	3 995	372 587	7 058	368 592	
T.P.	1 148	364 738	8 997	363 590	begin sideline
T.P.	0 585	354 808	10 515	354 223	
T.P.	2 827	345 891	11 744	343 064	
B-M. 50-12			4 960	340 931	end sideline
T.P.	6 109	369 699		363 590	
T.P.	7 222	365 091	11 830	357 869	
R-1			5 418	359 673	
T.P.	0 180	360 076	5 195	359 896	
T.P.	0 329	349 039	11 366	348 710	
T.P.	0 263	338 389	10 913	338 126	
T.P.	0 572	328 481	10 480	327 909	
A-3			6 213	322 268	
A-4	4 943	327 188	6 236	322 245	
G-1	6 780	322 543	11 425	315 763	
T.P.	3 167	318 377	7 333	315 210	
SHIELDS	3 800	314 187	7 990	310 387	
	2 942	312 272	4 857	309 330	

F.B. 188 Pg. 2616

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

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

Survey by C.K. LIND Notes WILKS Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed U.L. OIT Date ____ Date ____ Date ____ No. ____

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #2 9-14-60	
		312 272				
T.P.	0 183	301 253	11 202	301 070		
T.P.	1 021	290 386	11 888	289 365		
T.P.	0 446	280 155	10 677	279 709		
T.P.	0 895	269 871	11 179	268 976		
T.P.	0 562	258 868	11 565	258 306		
T.P.	0 563	248 891	10 540	248 328		
T.P.	0 570	238 104	11 357	237 534		
T.P.	0 647	228 306	10 445	227 659		
T.P.	0 715	217 420	11 601	216 705		
T.P.	0 947	208 308	10 059	207 361		
T.P.	7 270	206 210	9 368	198 940		
T.P.	5 907	209 268	2 849	203 361		
T.P.	6 074	211 947	3 395	205 873		
T.P.	6 010	213 952	4 005	207 942		
T.B.M. 50-13A			3 477	210 475	TBM 50-13A EL=	210.410 pg. 175

Profile Notes Red ____ Plotted ____ Job No. 2021.64 Division No. 11
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 9-14-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H.E. OTT Date ____

F.B. 2612 Pg. 17

F.B. 2616 PG. 190

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

Survey of P.B. LANDSLIDE Date _____ Date _____ No. _____

Survey by LIND ~~H. E. OH~~ Notes WILKS Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-296 CE 307 11-58

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76L-298 CE 307 11-58

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PORT. BEND LANDSLIDE LINE #5 9-14-60

STATION	B.S.	H.I.	F.S.	ELEV.	
P.B. #9A	0 836	415 033		414 197	P.B. # 9A EL. = 414.197 PER PAGE 187
T.P.	0 733	404 039	11 727	403 306	
T.P.	0 841	395 072	9 808	394 231	
T.P.	0 405	384 075	11 402	383 670	
T.P.	1 089	374 576	10 588	373 487	begin sidefine
T.P.	9 140	381 094	2 622	371 954	
T.P.	7 830	385 592	3 332	377 762	
T.P.	9 958	395 102	0 448	385 144	
WEST FIX			1 290	393 812	end sidefine
T.P.	0 233	373 720		373 487	begin sidefine
T.P.	0 501	362 699	11 522	362 198	
S.B. #3			9 852	352 847	end sidefine
T.P.	10 909	384 396		373 487	
S.B. #2	11 817	395 044	1 169	383 227	
S.B. #1			6 105	388 939	
S.B. #1A			2 688	392 356	
T.P.	4 705	398 829	0 920	394 124	
P.T. #2 AUX 3			6 359	392 470	
T.P.	0 741	387 691	11 879	386 950	
P.T. #3			4 126	383 565	
T.P.	1 233	377 422	11 502	376 189	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11
No. ____ Date ____ Date ____ Survey of PORT. BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 9-14-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 2616 Pg. 19

76L-296 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		377 422				
P.T. # 4	1 006	368 343	10 085	367 337	begin sideline	
T.P.	0 558	357 173	11 728	356 615		
T.P.	0 570	346 213	11 530	345 643		
T.P.	0 572	335 872	10 913	335 300		
H-2	1 318	327 879	9 311	326 561		
T.P.	1 344	318 382	10 841	317 038		
H-4			8 171	310 211	end sideline	
T.P.	1 149	368 486		367 337		
T.P.	1 089	358 033	11 542	356 944		
T.P.	0 681	347 594	11 120	346 913		
P.T. # 5	0 744	338 916	9 422	338 172		
T.P.	0 410	327 386	11 940	326 976		
T.P.	0 990	317 305	11 071	316 315		
P.T. #6 AUX. 3	10 300	321 147	6 458	310 847	begin sideline	
I-1			4 759	316 388		
T.P.	0 784	311 120	10 811	310 336		
T.P.	0 653	301 331	10 442	300 678		
T.P.	2 072	291 462	11 941	289 390		
I-2			8 691	282 771		
I-3			10 536	280 926		

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red ____ Date ____ Notes Ckd. ____ Date ____

Job No. 2021.64 Division No. 11

Survey of P.B. LANDSLIDE

Survey by C.K. LIND Notes WILKS

Indexed H. E. OTT Date ____

F.B. 2616 PG. 192

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
		291 462				
T.P.	9 323	300 365	0 420	291 042		
BLAKESLEE			0 030	300 335	end sideline	
P.T. # 6 AUX. 3	0 619	311 466		310 847		
T.P.	0 410	300 296	11 580	299 886		
T.P.	1 193	291 291	10 198	290 098		
T.P.	1 450	280 874	11 867	279 424		
T.P.	3 769	274 706	9 937	270 937		
P.T. # 7			6 403	268 303	OK	
					END OF RUN	

Profile Notes Red ____ Plotted ____ Job No. 0021.69 Division No. 11
No. ____ Date ____ Date ____ Survey of PORT. BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 9-14-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2616 Pg. 193

F.B. 2116 Pg. 192

Job No. 0021.64 Division No. 10 Notes Red _____ Plotted _____ Profile

Survey of P. B. LANDSLIDE Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76L-268 CE 307 11-58

76L-298 CE 307 11-58

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10-11-60

STATION	B.S.	H.I.	F.S.	ELEV.	PORTUGUESE BEND LANDSLIDE LINE #6
Bm 50-9	11 922	1011 325	11 318	999403	BM 50-9 EL= 999.403
TP	1 100	1001 107	11 758	~~999 [illegible]~~ ~~1000007~~	
T.P.	0 593	989 942	11 603	989 349	
T.P.	0 708	979 047	11 790	978 339	
TP	0 537	967 794	10 887	967 257	
TP	0 511	957 418	10150	956907	
TBM #11			11 457	947268	
TP	0 840	946 801	11 433	945 961	
STA Z-1	0 553	935 921	10 707	935368	
TP	0 606	925 820	11 382	925214	
TP	0 428	914 866	11 445	914438	
TP	0 364	903 785	10 944	903 421	
TP	0 712	893 503	11 650	892 791	
TP	0 410	882 263	10 610	881853	
TP	0 417	872 070	11 063	871653	
TP	0 602	861 609	3459	861007	
BM 50-10			11 200	858 150	
TP	0 840	851 249	11 565	850409	
TP	0 282	839 966	10 937	839684	
TP	0 450	829 479	11 788	829029	
TP	0 202	817 893	11 427	817691	

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. 11 F.B. 2616 Pg. 195
No. ____ Date ____ Date ____ Survey of Port. Bend Landslide
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes [illegible] Date 10-11-60
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date [illegible]

76L-298 CE 307 11-58

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STATION	B. S.	H. I.	F S.	ELEV		
TP	0 349	806 815	11 850	806 466	✓	
TP	0360	795325	1370	794 965		
Y-4			11 503	793 955	✓	
TP	1 803	785625	8 452	783 822	✓	
TBM #12			11 540	777 173	✓	
TP	0 833	774 918	11 654	774 085	✓	
TP	0 782	764 046	10 616	763 264		
TP	0 637	754 067	10 573	753 430		
TP	0 440	743 934	10 9[illegible]	743 494	✓	
TP	0 198	733 225	10 300	733 027		
TP	0 612	723 037	11 455	72[illegible]		
TP	0 360	711 942	10 420	711 582		
TP	0 547	702 069	11 948	701 522		
TP	0 394	690 515	10 9[illegible]	690 121		
TP	0 828	680426	4 407	679 598	✓	
TBM #13			11 000	67[illegible]	✓	
TP	0453	669 879	10 036	669 42[illegible]	✓	
TP	1 216	661 059	9 753	659843		
TP	2 140	653 446	5 863	651 306	✓	
BM 50-11				647583	✓	

F. B. 2616 Pg. 196
Job No. 0021.64 Division No. 11 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
Survey by H. E. Ott Notes CARO Notes Chkd. Checked
Indexed Date Date No.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	PORT BEND LANDSLIDE LINE #4 10-13-60
B.M. 34-15A	2 928	233 915		230 987	B.M. 34-15A EL. = 230.987
T.P.	3 888	231 840	5 963	227 952	
T.P.	3 724	229 573	5 991	225 849	
T.P.	3 346	226 214	6 705	222 868	
T.P.	2 561	221 867	6 908	219 306	
T.P.	3 149	217 399	7 617	214 250	
T.B.M. 50-13A	3 627	214 032	6 994	210 405	
T.P.	4 016	211 169	6 879	207 153	
B.M. 50-13			3 162	208 007	
T.P.	4 027	208 766	6 430	204 739	
T.B.M. #15	3 835	201 261	11 340	197 426	
T.P.	9 509	210 211	0 559	200 702	
J-5			10 930	199 281	
T.P.	4 381	213 892	0 700	209 511	
R-2			10 940	202 952	
T.P.	6 967	219 332	1 527	212 365	
R-2 Ecc. #1			9 195	210 137	
T.P.	6 739	217 926	8 145	211 187	
J-4	4 522	220 900	1 548	216 378	
J-3			7 502	213 398	
T.P.	1 147	213 141	8 906	211 994	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2616 Pg. 197
No. ____ Date ____ Date ____ Survey at P.B. LANDSLIDE
X-Sec. Notes Chkd ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 10-13-60
No. ____ Date ____ Date ____ Map No. ____ Indexed E. E. OTT Date ____

76L298 S & E #307 9-54

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F. B. 2616 Pg. 198 Job No. 0021.64 Division No. 11 Notes Red. Plotted
Survey of P. B. LANDSLIDE Notes Chkd. Date
Survey by C. K. LIND Notes WILKS Checked
Indexed Date Date Date
Profile No. X-Sec. No.

STATION	B. S.	H. I.	F. S.	ELEV.	
		213 141			
J-1			10 288	202 853	
T.P.	9 808	214 369	8 580	204 561	
T.P.	10 785	224 750	0 404	213 965	
T.P.	11 194	235 400	0 544	224 206	
J-1A	0 429	232 129	3 700	231 700	
T.P.	0 602	222 206	10 525	221 604	
T.P.	0 426	210 865	11 767	210 439	
T.P.	0 594	200 139	11 320	199 545	
T.P.	8 375	200 512	8 002	192 137	begin sideline
T.P.	0 721	189 368	11 865	188 647	
T.P.	0 446	177 867	11 947	177 421	
T.P.	0 862	168 287	10 442	167 425	
T.P.	0 677	157 614	11 350	156 937	
T.P.	0 275	146 904	10 985	146 629	
T.P.	1 239	137 848	10 295	136 609	
T.B.M. #25			11 527	126 321	end sideline
T.P.	0 770	192 907		192 137	
T.P.	6 050	190 998	7 959	184 948	
T.P.	9 822	199 979	0 841	190 157	
T.P.	3 510	198 029	5 460	194 519	

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	PORT. BEND LANDSLIDE LINE #4 10-13-60
		198 029			
B.M. 34-17A			5 233	192 796	
T.P.	5 719	198 183	5 565	192 464	
T.P.	4 959	198 677	4 465	193 718	
T.P.	10 697	202 896	6 478	192 199	begin sideline
T.P.	11 925	213 933	0 888	202 008	
T.P.	10 960	224 366	0 527	213 406	
T.P.	11 583	235 495	0 454	223 912	
T.P.	10 337	245 357	0 475	235 020	
T.P.	10 814	255 904	0 267	245 090	
T.P.	8 832	264 441	0 295	255 609	
T.P.	11 141	275 354	0 228	264 213	
T.P.	10 652	284 961	1 045	274 309	
T.P.	10 185	293 780	1 366	283 595	
T.P.	10 948	303 115	1 613	292 167	
P-4			0 542	302 573	end sideline
T.P.	5 360	197 559		192 199	
T.P.	1 275	190 933	7 901	189 658	
T.P.	1 524	182 485	9 972	180 961	
T.P.	2 944	175 170	10 259	172 226	
B.M. 34-18	1 068	169 751	6 487	168 683	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F.B. 2616 Pg. 194
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C. K. LIND Notes WILKS Date 10-13-60
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.	
		169 751			
T.P.	9 882	170 459	9 174	160 577	begin sideline
T.P.	11 299	181 284	0 474	169 985	
T.P.	8 321	187 779	1 826	179 458	
T.P.	7 911	192 926	2 764	185 015	
P-3A			2 514	190 412	end sideline
T.P.	2 525	163 102		160 577	
T.P.	5 522	162 691	5 933	157 169	
P-3			4 630	158 061	
T.P.	5 775	164 543	3 923	158 768	
T.P.	5 392	165 927	4 008	160 535	
T.P.	5 422	167 286	4 063	161 864	
T.P.	5 930	168 948	4 268	163 018	
P-2			5 547	163 401	
T.P.	6 024	170 992	3 980	164 968	
T.B.M. #31			3 905	167 087	T.B.M. #31 EL. = 167.050

F.B. 2616 Pg. 200

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

Survey of P.B. LANDSLIDE Date Date No.

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

Indexed Date Date Date No.

76L-[illegible] CE 807 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #3 P.B. LANDSLIDE 10-14-60
T.B.M. 34-15A	0 215	231 202		230 987	T.B.M. 34-15A EL. = 230.987
T.P.	0 400	220 581	11 021	220 181	
T.P.	3 945	214 708	9 818	210 763	
T.P.	4 153	212 051	6 810	207 898	
K-13	4 148	205 889	10 310	201 741	
T.P.	0 798	197 867	8 820	197 069	
K-12			5 749	192 118	
T.P.	0 890	187 680	11 077	186 790	
K-11			6312	181 368	
T.P.	0 968	177 238	11 410	176 270	
K-10A			4505	172 733	
K-10B			7 624	169 614	
K-10C			9 840	167 398	
K-10			9 890	167 348	
T.P.	4 650	170 357	11 531	165 707	
K-9B			8 460	161 897	
K-9A			6 857	163 500	
K-9	1100	160395	11 062	159 295	
K-8A			2 559	157 836	
K-8 B			4 920	155 475	
T.P.	0 737	150 182	10 950	149 445	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by C.K. LIND Notes WILKS Date 10-14-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 2616 Pg. 201

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	P. B. LANDSLIDE LINE #3 10-14-60
		150 182			
T.P.	0670	139 788	11 064	139 118	
T.P.	10 960	140 608	10 140	129 648	
K-5	4585	140 608	4585	136 023	
T.P.	0420	130 068	10 960	129 648	
T.P.	1517	120 965	10 620	119 448	
T.P.	1384	112 365	9984	110 981	
W-3			1739	110 626	
K-5 AUX	0518	102 283	10600	101 765	
T.P.	0335	91 376	11242	91 041	
T.P.	0860	80 586	11650	79 726	
K-4			2242	78 344	
K-4			5790	74 796	
T.P.	0310	69 301	11 595	68 991	
T.P.	1989	61 140	10 150	59 151	
TBM-28			3151	57 989	
K-3A	2200	56 493	6847	54 293	
T.P.	1093	46 264	11322	45 171	
T.P.	3554	40 437	9381	36 883	
TBM 27 AUX 3			4049	36 388	
T.P.	0435	32 042	8830	31 607	

F.B. 2606 No. 2[illegible] Job No. 0021.64 Division No. 11 Notes Red Plotted Profile
Survey of P. B. LANDSLIDE Date Date No. X-Sec.
Survey by LMD Notes LMD Notes Chkd. Checked Date No.
Indexed Date 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.	P.B LANDSLIDE LINE 3 10-14-60
		32 042			
T.P.	1138	22 120	11060	20982	
T.P.	8593	24 843	5870	16 250	
T.P.	2419	25 264	1998	22 845	* BEG SIDE LINE TO P.B. #1
T.P.	1015	17 634	8645	16 619	
P.B. No 1			10 050	7 584	END SIDE LINE
T.P.	8800	31 645		22 845	*
Grain Ecc 1	0745	31 900	0490	31 155	
T.P.	1528	22 023	11 405	20 495	
T.P.	2268	17 228	7063	14 960	
T.P.	4550	16 083	5695	11 533	
T.P.	5120	16 900	4303	11 780	
T.P.	0422	9 622	7700	9200	
T.P.	5920	10 182	5360	4262	Rock
P.B. CA			9842	0340	
T.P.	4669	10 351	4500	5 682	
T.P.	5778	9 785	6344	4 007	
T.P.	6 196	10 073	5902	3883	
P.B No 8			2102	7971	P.B. No 8 EL= 7.994

Profile No. X-Sec. No. Notes Red. Date Plotted Date Job No. 0021.64 Division No. 11 Survey of P.B. LANDSLIDE Notes Chkd. Date Checked Date Survey by LINO Notes LINO Date 10-14-60 Map No. Indexed Date

F. B. 2616 Pg. 203

76L-298 S & E #307—1-56

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1

STATION	B. S.	H. I.	F. S.	ELEV.	P. B. LAND SLIDE LINE 1 10-14-60
P.B. #9	4534	408 676		404 142	P. B. #9 EL= 404.142
T.P.	6702	411 025	4353	404 323	
T.P.	6855	413 230	4650	406 375	
P.I. 5-B			3154	410 074	
T.P.	6303	415 763	3770	409 460	
T.P.	1402	412 837	4328	411 435	
T.B.M. #30	0670	405 997	7510	405 327	
T.P.	6796	406 264	6529	399 468	
T.P.	6372	408 657	3979	402 285	
P.I. 4-C	4388	410 296	2749	405 908	
T.P.	9972	418 879	1389	408 907	
T.P.			1024	417 855	
	BEG SIDE LINE TO FRUIT TREE #1				
T.P.	11 021	428 571	1329	417 550	
FRUIT TREE #1			4079	424 492	
	END SIDE LINE				
T.P.	6410	424 265		417 855	
T.P.	4289	424 546	4008	420 257	
T.P.	5148	426 261	3433	421 113	
R.M. #1	2754	424 434	4581	421 680	
Sp. Hills 6-7			3673	420 761	

F. B. 2216 Pg. 204
Job No. 0021.64 Division No. 11 Notes Red Plotted Profile
Survey of Port Bend Land Slide Date Date No. X-Sec.
Survey by [illegible] Notes Chkd. Checked
Indexed H. E. ON Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 1	10-14-60
		424434				
SPRICES 5-7 R.M. #2			2647	421 787		
T.P.	0797	415 645	-9586	414 848		
T.P.	2046	407 891	-9800	405 845		
T.P.	0254	398 589	-9556	398335		
T.P.	0180	387 170	11599	386990		
T.P.	3290	381 136	9324	377846		
P.I. #3	0631	373 573	8194	372942		
T.P.	0901	363 765	10709	362864		
T.P.	0571	353485	10851	352914		
T.P.	0442	344 929	8998	344487		
P.I. 2-A			4785	340 144		
P.I. #1	1022	336 573	9378	335 551		
		BEG. SIDE LINE				
T.P.	0360	325 621	11312	325261		
T.P.	0201	314 261	11561	314060		
T.P.	0189	304 413	10037	304224		
T.P.	0953	295 264	10102	294311		
T.P.	10621	295 734	10151	285 113		
H 7A ELL 1			7560	288 174		
H 7A ELL 2			7504	288 230		

Profile Notes Red. Plotted Job No. 0021.64 Division No. 11 F. B. 2616 Pg. 205
No. Date Date Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by LIND Notes LIND Date 10-14-60
No. Date Date Map No. Indexed B. E. ON Date

76L-298 S & E #307—1-56

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F. B. 2616 Pg. 106 Job No. 0021.64 Division No. 11 Profile No. X-Sec. No.
Survey of P.A. Plotted Date
Survey by LHP Notes Red. Date
Indexed R. E. Ott Notes Chkd. Date
Checked Date

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 1		10-14-60
		295 734			+	π	- ELEV.
H7A			7340	288394	TP 0643	199.574	198.931
		END SIDE LINE			TP 1233	189.046	11.761 187 913
P.I. #2	0547	336098		335551	TP 0129	177.594	11.641 177 405
T.P.	0320	325 665	10 759	325345	T.B.M. # 31		10.533 167.061
T.P.	0372	314968	11 069	314596	END OF RUN		
T.P.	0655	304331	11 242	303726	T.B.M. # 31		EL= 167.050
T.P.	0204	294 335	10 250	294 131			
B.C.			6916	287419			
T.P.	1160	284 747	10 748	283 587			
P.B. No 10	0962	280 517	5192	279 555			
T.P.	0460	270 716	10 261	270 256			
T.P.	0723	259 582	11 359	258 859			
T.P.	0526	250 091	10 315	249 565			
T.P.	1215	240 999	10 307	239 784			
T.P.	0535	230 593	10 941	230 058			
T.P.	0218	219 836	10 975	219 618			
W.F. No 1	7032	217 518	9350	210 486			
	0353	209 916	7955	209 563			
"P-1"			10 368	199 148			
T.P.			10 985	198 931			

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	PORT. BEND LANDSLIDE 10-17-60 LINE No. 2
P.B. # 9	3880	408 022		404.142	P.B. No. 9 EL= 404.142
T.P.	6601	410 650	3973	404 049	
T.P.	6278	412 657	4271	406 379	
T.P.	6511	414 850	4318	408 339	
T.P.	7220	418 629	3441	411 409	
P.B. 9-A	7242	421 421	4450	414 179	
T.P.	11 625	430 553	2493	418 928	*
	BEG	SIDE LINE	TO	B-1-C	
T.P.	10 860	440 220	1193	429 360	
T.P.	9 672	446 092	2800	437 420	
B-1-C			3811	442 281	
		END	SIDE	LINE	
T.P.	4927	423 865		418 928	*
T.P.	1244	414 181	10918	412 937	
P.T. # 1			3433	410 748	
B-1-B			4220	409 961	
T.P.	6738	416 535	4384	409 797	
B-1			7820	408 715	
T.P.	7743	416 356	7922	408 613	
T.P.	11655	427292	0719	415 637	
C-1	0514	427 292	0514	426 778	

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2616 PG. 207
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LINE Notes LINE Date 10-17-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #367—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE LINE 2 10-17-60
		427 292			
T.P.	1390	417 027	11 655	415 637	
T.P.	0546	406 553	11 020	406 007	
T.P.	0890	397 430	10 013	396 540	
T.P.	0394	386 020	11 804	385 626	
T.P.	0452	375 317	11 155	374 865	
T.P.	4350	372 679	6988	368 329	
T.P.	1618	365 014	9283	363 396	*
	BEG SIDE LINE TO BM 50-12				
T.P.	0611	354 078	11 547	353 467	
T.P.	3635	346 330	10 783	343 295	
BM 50-12			5530	340 800	
	END SIDE LINE				
T.P.	6376	369 772		363 396	*
T.P.	5907	364 515	11 164	358 608	
RADIAL No 1			4935	359 580	
T.P.	0223	359 338	5400	359 115	
T.P.	0523	348 386	11 475	347 863	
T.P.	0750	338 048	11 088	337 298	
T.P.	0618	327 431	11 235	326 813	
A-3			5264	322 167	

F. B. 2616 Pg. 208 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile
Survey of Pontevedra Land Landslide Date Date No. X-Sec.
Survey by Lind Notes Lind Notes Chkd. Checked
Indexed E. 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.	P.B. LANDSLIDE LINE No 2 10-17-60
		327 431			
A-4	7240	329 438	5233	322 198	
T.P.	2223	324 981 ~~325 081~~	6680	322 758	
G-1	6580	322 293	9268	315 713	
T.P.	3225	318 377	7141	315 152	
SHIELDS	3255	313 991	8041	310 336	
T.P.	2730	312 471	4250	309 741	
T.P.	0430	309 512	3389	309 082	
T.P.	0506	298 411	11607	297 905	
T.P.	2933	289 716	11628	286 783	
T.P.	0495	278 771	11440	278 276	
T.P.	0639	267 963	11447	267 324	
T.P.	0813	257 156	11620	256 343	
T.P.	0883	246 866	11173	245 983	
T.P.	0795	236 988	10673	236 193	
T.P.	1219	228 044	10163	226 825	
T.P.	0700	217 344	11400	216 644	
T.P.	0883	207 260	10967	206 377	
T.P.	7873	206 261	8872	198 388	
T.P.	6068	208 876	3453	202 808	
T.P.	6223	211 149	3950	204 926	

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 0021.64 Division No. 11 Survey of P.B. LANDSLIDE Survey by LINN Notes LINN Date 10-17-60 Map No. ____ Indexed H. E. OTT Date ____

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

F. B. 2616 Pg. 209

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STATION	B. S.	H. I.	F. S.	ELEV.		
		211 149				
T.P.	6303	213 553	3899	207250		
T.B.M. 50-13A			3155	210 398	T.B.M. 50-13 A EL = 210.405 PER Pg	
					END OF LINE # 2	
					P.B LANDSLIDE LINE #5	
P.B. # 9-A	0671	414 850		414179	P.B. No 9-A EL = 414.179 Pg. 207	
T.P.	0297	403 344	11803	403047		10-18-60
T.P.	1159	393 704	10799	392 545		
T.P.	0480	384 145	10039	383 665		
T.P.	0485	373 974	10252	373 489	*	
	BEG SIDE LINE TO WEST FIX					
T.P.	8764	380236	2502	371472		
T.P.	6519	385 697	1058	379 178		
T.P.	8586	388 264	6019	379 678		
T.P.	9700	396 557	1407	386 857		
WEST FIX			2744	393 813		
	END SIDE LINE					
T.P.	0305	373 794		373 489	*	
T.P.	0680	365 620	8854	364 940		
T.P.	4058	359 686	9992	355 628		
S.B. # 3	6840	359 686	6840	352 846		

F. B. 2616 Pg. 210 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile
Survey of PORTUGUESE BEND LANDSLIDE Date Date No. X-Sec.
Survey by LINO Notes LINO Notes Chkd. Checked
Indexed B. E. OTT Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LAHASLIUE	LINE 5 10-18-60
		359 496				
TP	9992	365 620	4059	355 623		
TP	9354	373 794	6290	364 440		
TP	10767	384 256	0305	373 489		
S.B. No 2	11940	395 167	1029	383 227		
S.B. No 1			6249	388 918		
S.B. 1-A			2849	392 318		
T.P.	2389	396 953	0603	394 564		
PT. #2			4512	392 441		
TP	0429	385 791	11591	385 362		
PT. #3			2272	383 519		
T.P.	1532	376 540	10783	375 008		
PT. #4	0611	367 897	9254	367 285		
	BEG	SIDE	LINE	TO H-2 & H-4		
T.P.	0928	358 302	10523	357 374		
T.P.	0459	347 540	11221	347 081		
T.P.	0655	338 417	9778	337 762		
H-2	1002	327 497	11922	326 495		
T.P.	1555	318 538	10514	316 983		
H-4			0381	310 157		
	END	SIDE	LINE			

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 7616 PG. 211
X-Sec. No. ____ Date ____ Date ____ Survey of PART. 138 LAND SURVEY
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by FIND Notes LINE Date 10-18-60
Map No. ____ Date ____ Indexed H. E. OH Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	
P.T. # 4	0884	368 170		367 286	*
T.P.	0742	358 059	10 853	357 317	
T.P.	0669	347 099	11 629	346 430	
P.T. # 5	0204	338 317	8986	338 113	
T.P.	0378	328 146	10 549	327 768	
T.P.	0351	317 387	11 110	317 036	
P.T. # 6 AUX 3			6 599	310 788	*
	BEG	SIDE	LINE		
P.T. # 6 AUX 3	10 074	320 862		310 788	
I-1			4 499	316 363	
T.P.	0 323	310 611	10 574	310 288	
T.P.	0 979	301 227	10 363	300 248	
T.P.	1 453	291 409	11 271	289 956	
I-2			8 744	282 665	
I-3			10 561	280 848	
T.P.	9 344	300 302	0 451	290 958	
BLAKESLY			0 035	300 267	
	END	SIDE	LINE		
P.T. # 6 AUX 3	0 821	311 609		310 788	
T.P.	0 228	301 844	9 993	301 616	
T.P.	0 491	291 136	11 199	290 645	

F. B. 2616 Pg. 212
Job No. 002164 Division No. 11
Survey of P.B. LANDSLIDE
Survey by LINO Notes LINO
Indexed [illegible] Date
Notes Red Date
Notes Chkd Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE LINE #5 10-18-60
		291 136			
T.P.	1 583	281 791	10 928	280 208	
T.P.	0 229	271 318	10 702	271 089	
P.T. # 7			3 071	268 247	
T.P.	0 888	260 617	11 589	259 729	
T.P.	0 793	251 051	10 359	250 258	
T.P.	0 541	241 251	10 341	240 710	
T.P.	0 309	230 570	10 990	230 261	
T.P.	1 144	220 072	11 642	218 928	
T.P.	0 554	210 009	10 617	209 455	
B.M.C.			6 763	203 246	
T.P.	0 513	199 340	11 182	198 827	
B.M. 34-17A	11 021	203 816	6 545	192 795	B.M. 34-17A EL. = 192.796 pg. 199
T.P.	11 892	215 101	0 607	203 209	
K-1			2 051	213 050	

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 0021.64 Division No. 10 Survey of PORTUGUESE BEND LANDSLIDE Survey by LIND Notes LIND Date 10-18-60 Map No. Indexed H. E. OTT Date F. B. 2616 Pg. 213

F. B. 2616 Pg. 214 Job No. 0021.64 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of P.P. LAND SLIDE Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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STATION	B. S.	H. I.	F. S.	ELEV.	P.S LANDSLIDE LINE #6 11-29-60
BM 50-9	11 738	1011 141		999 403	BM 50-9 EL= 999.403
T.P.	0 180	1000 132	11 189	999 952	1X2
T.P.	0 560	989 049	11 643	988 489	1X2
T.P.	0 549	978 700	10 897	978 151	1X2
T.P.	0 177	967 749	11 128	967 572	1X2
T.P.	0 [illegible]	956 204	11 831	95~~6~~5 918	1X2
T.B.M. # 11			8 930	947 274	P.K. Spk
T.P.	0 764	945 725	11 243	944 961	1X2
Z-1	0 491	935 867	10 349	935 376	C.S. MOW
T.P.	0 892	926 073	10 686	925 181	1X2
T.P.	0 818	915 760	11 131	914 942	1X2
T.P.	[illegible]	904 943	11 489	904 271	1X2
T.P.	0 366	894 674	10 635	894 308	1X2
T.P.	0 570	883 5[illegible]	[illegible]	883 00~~7~~2	1X2
T.P.	0 85[illegible]	8[illegible] 3[illegible]	11 019	872 50[illegible]	1X2
T.P.	0 65[illegible]	8[illegible] 1[illegible]	[illegible]	861 512	1X2
B.M. 50-10			4 003	858 1[illegible]5	C.S. MOW
T.P.	0 671	851 21[illegible]	11 6[illegible]	850 53[illegible]	1X2
T.P.	0 384	840 015	11 521	839 629	1X2
T.P.	0 812	829 267	11 558	828 455	1X2
T.P.	0 693	81[illegible] 823	11 137	818 130	1X2

Profile Notes Red. Plotted Job No. 0021.64 Division No. 11 F. B. 2616 Pg. 215
No. Date Date Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by [illegible] Notes WILKS Date 11-29-60
No. Date Date Map No. Indexed H. E. OTT Date [illegible] 12 '60

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 6	11-29-60
		818 [illegible]	✓			
T.P.	0 [illegible]	[illegible]	11 [illegible]	[illegible]	✓ 1X2	
T.P.	0 589	796 717	[illegible]	[illegible]	1X2	
Y-4			12 756	795 961	✓ C.S. Mon	
T.P.	[illegible] 249	786 427	[illegible] 539	785 178	1X2	
T.B.M. #12			9 [illegible]	777 185	✓ P.K. Spk	
T.P.	0 550	774 917	11 [illegible]	774 367	✓ 1X2	
T.P.	0 629	763 676	11 870	[illegible] 947	1X2	
T.P.	0 957	[illegible] 144	11 [illegible]	[illegible]	1X2	
T.P.	0 410	741 707	[illegible]	[illegible]	1X2	
T.P.	0 [illegible]	731 [illegible]	11 [illegible]	[illegible]	1X2	
T.P.	0 [illegible]	[illegible]	[illegible]	[illegible]	1X2	
T.P.	0 610	709 324	11 [illegible]	[illegible]	1X2	
T.P.	0 [illegible]	[illegible] 553	11 [illegible]	[illegible]	1X2	
T.P.	0 [illegible]	687 [illegible]	11 [illegible]	687 545	1X2	
T.P.	0 [illegible]	[illegible] 774	[illegible]	[illegible]	1X2	
T.B.M. #13			1 768	[illegible]	✓ P.K. Spk	
T.P.	0 [illegible]	666 [illegible]	✓ 11 [illegible]	[illegible]	1X2	
T.P.	0 [illegible]	[illegible] 545	[illegible]	[illegible]	✓ 1X2	
B.M. 50-11			9 [illegible]	647 570	✓ BM 50-9, EL=	647.570

F. B. 2616 Pg. 216

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

Survey of P.B. LAND SLIDE Date ____ Date ____ No. ____

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

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

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.	P.B. LANDSLIDE	12-1-60 LINE #4
BM 34-15A	2739	233 726		230 987	BM 3415-R EL=	230.987
T.P.	3622	231 880	5468	226 258	SPK SO. EDGE	PVMT.
T.P.	3605	230 396	5099	226 791	" "	
T.P.	3281	227 676	6001	224 395	" "	
T.P.	2859	224 281	6354	221 422	" "	
T.P.	2213	219 837	6651	217 624	" "	
T.P.	2727	216 614	6950	213 887	" "	
TBM 50-13A	3640	214 813	6249	210 372	SPK & TIE IN S. CURB	P.V. 32 LOW
T.P.	3699	210 817	6988	207 128	SPK & TIE	
BM 50-13			2882	207 935	C.S. MON.	DN 8"
T.P.	2696	207 763	6760	204 067	SPK & TIE	
TBM #15	3986	206 352	10 311	197 372	BELOW RL IN CURB	IN HOW
T.P.	9460	214 782	1010	205 342	1/2" ON SAND	
T.P.	6590	217 921	3 451	211 331	" "	
RADIAL 2 EL 1	6603	214 604	7920	210 001	3/8" IP FLUSH	
T.P.	7882	213 393	11 093	205 511	1"X2"	
RADIAL 2			10 488	202 905	C.S. MON	FLUSH
T.P.	7625	219 275	1743	211 654	1"X2"	
U-4			3 052	216 223	C.S. MON	UP 2"
U-3			6093	213 182	C.S. MON	FLUSH
T.P.	0640	212 413	7502	211 773		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0001.1 Division No. 11
X-Sec. No. ____ Notes Chkd. ____ Date ____ Date ____ Checked ____ Date ____ Survey of LGT. LAND DIVISION Survey by LINE Map No. ____ Indexed ____ Date ____ Notes LINE Date 12-1-60
F. B. 7616 Pg. 317

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 4	12-1-60
		212 413				
J-1	4423	207 071	9765	202 648	3/4" Capped I.P.	DN. 2"
T.P.	10591	215 999	1663	205 408	Spk & Tin	
T.P.	10 675	223 154	3520	212 479	" "	
T.P.	10 671	233 241	0 584	222 570		
J-1 A			1711	231 530	C.S. Mon	Flush
T.P.	0327	223 430	10 138	223 103	1" X 2'	
T.P.	0411	212 142	11 699	211 731	"	
T.P.	0262	200 894	11 510	200 632 *	"	
	Bes Side		Line to		TBM #25	
T.P.	0396	189 589	11 701	189 193	Spk	
T.P.	0960	179 083	11 466	178 123	"	
T.P.	0771	168 037	11 817	167 266	"	
T.P.	0711	157 466	11 282	156 755	"	
T.P.	0616	147 452	10 630	146 836	"	
T.P.	0533	137 105	10 880	136 572	"	
TBM #25			10 758	126 347	Spk in Lead in	Conc. Box
	End Side Line					
T.P.	0520	201 152		200 632 *	1X2	
T.P.	0779	190 402	11 529	189 623	Spk	
T.P.	7993	192 934	5 461	184 941	"	

F. B. 2216 Pg. 218 Job No. 002164 Division No. 11 Notes Red Plotted Profile
Survey of Rib Landslide Date Date No. X-Sec.
Survey by Lind Notes Lind 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 # 4	12-1-60
		192 934				
T.P.	7582	199 374	0642	192 292	SPK	
BM 34-17A	5570	198 324	7120	192 754	C.S. MON	FLUSH
T.P.	5760	198 533	5151	193 173	SPK	
T.P.	9399	202 704	5228	193 305	"	
		BEG SIDE	LINE	TO	P-4	
T.P.	11519	213 647	0576	202 128	1x2	
T.P.	10747	223 986	0498	213 239	"	
T.P.	11565	235 345	0206	223 780	"	
T.P.	11147	246 139	0353	234 992	"	
T.P.	11325	256 372	1092	245 047	"	
T.P.	11754	267 325	0201	256 171	"	
T.P.	11766	279 241	[illegible]	267 475	"	
T.P.	11737	290 550	0428	278 813	"	
T.P.	11736	301 924	0322	290 188	"	
T.P.	4245	305 837	0280	301 644	"	
P-4			3337	302 550	P-4 C.S. MON	
		END SIDE	LINE			
T.P.	4003	197 308		193 305		
T.P.	1460	191 233	7535	189 773	SPK	
	1062	181 995	10300	180 933	SPK	

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2616 Pg. 219
No. ____ Date ____ Date ____ Survey of R.B. LAND SLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 12-1-60
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 # 4	12-1-60
		181995				
T.P.	1140	171657	11478	170517	SPK	
BM 34-18			3004	168253	C.S. MON.	FLUSH
T.P.	10805	171353	11109	160548 *	SPK BEG SIDE	LINE TO P-3A
T.P.	11422	182287	0488	170865	1X2	
T.P.	6400	186890	1797	180490	SPK	
T.P.	8939	192091	3738	183152	3" I.P.	
P-3A			1708	190383	C.S. MON.	
		END	SIDE	LINE		
T.P.	2040	162588		160548 *	SPK	
T.P.	6019	163655	4952	157636	SPK & TIN	
P-3			5621	158034	L. & TAG	
T.P.	5818	165484	3989	159666	SPK	
T.P.	5428	166990	3922	161562	"	
T.P.	6730	169730	3990	163000	"	
P-2			6348	163382		
TBM #31			2655	167075	TBM # 31, EL = 167.050, L. & TACK	

F. B. 2616 Pg. 220

Job No. 0021-24 Division No. 11 Notes Red Plotted Profile

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

Survey by [illegible] Notes 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 P.B. LANDSLIDE 12-1-60	
T.B.M. 34-15A	[illegible]	231 415		230 987	TBM 34-15-A EL=	230.987
T.P.	0570	220 767	11 218	220 197	SPK	
T.P.	3487	214 252	10 002	210 765	"	
T.P.	3222	210 305	7 169	207 093	"	
K-13			8565	201 740	2" I.P. FLUSH	
T.P.	1003	200 904	10 404	199 901	SPK & TIN	
T.P.	1010	[illegible]	9588	191 316	SPK	
K-11	0929	182 296	10 959	181 367	2" I.P. FLUSH	
K-10-A	1032	173 774	9 554	172 742	BF SPK W & T.	
K 10-B			4169	169 605	2" I.P. FLUSH	
K 10-C			6388	167 386	LEAD & TAG FLUSH	
K-10			6443	167 331	1" I.P. & TAG	ON 12"
T.P.	5008	169 835	4947	164 827	SPK & TIN	
K-9A			6357	163 478	SPK W. & TIN	
K-9B			7950	161 885	2" I.P. FLUSH	
K-9			10 553	159 282	1" I.P.	
K-8A	0761	158 589	12007	157 828	SPK W & TIN	
K-8B			3124	155 465	2" I.P. FLUSH	
T.P.	0214	147 664	11 139	147 450	SPK	
T.P.	0303	136 338	11 629	136 035	SPK	
T.P.	11753	141 384	6707	129 631	SPK	

Profile Notes Red. Plotted Job No. 0021.64 Division No. 11 F. B. 2616 Pg. 241
No. Date Date Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by LIND Notes LIND Date 12-1-60
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	12-1-60
		141 384				
K-5	5385	141 384	5385	135 999	C.S. MON.	
T.P.	1129	130 760	11 753	129 631	SPK	
T.P.	0859	120 289	11 330	119 430	SPK	
TP	1450	113 457	8282	112 007	SPK	
W-3			2847	110 610	C.S. MON	FLUSH
K-5 AUX	0175	101 920	11 712	101 745	" "	"
T.P.	0950	91 581	11 289	90 631	SPK	
T.P.	0311	80 100	11 792	79 789	SPK	
T.P.	0391	70 041 ~~69 941~~	10 950	69 150 ~~050~~	SPK	
T.P.	3019	61 801 ~~701~~	11 259	58 782 ~~[illegible]~~	SPK	
TBM #28			3823	57 978 ~~878~~	BT SPK IN LEAD	
K-3A	1905	56 143 ~~043~~	7 563	54 238 ~~138~~	C.S. MON	
T.P.	0803	45 267 ~~167~~	11 679	44 464 ~~364~~	T.P.	
T.P.	6531	41 913 ~~813~~	9885	35 388 ~~282~~	1"X2"	
TBM 27 AUX			5699	36 214 ~~114~~	1" I.P. UP 3"	
K-2 AUX			6 128	35 785 ~~685~~	2" I.P.	
T.P.	0359	30 913 ~~813~~	11 359	30 554 ~~454~~	1X2	
T.P.			7820	23 093 ~~22 993~~	* TOP LARGE ROCK	
		BEG SIDE LINE TO P.B. #1				
T.P.	2009	21 970 ~~870~~	10 952	19 961 ~~861~~		

F. B. 2616 Pg. 222
Job No. 0021 C4 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LAND SLIDE Date Date No.
Survey by LIND Notes LIND 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 # 3	12-1-60
		21 ~~870~~ 970				
T.P.	8011	24 ~~861~~ 961	5020	16 ~~850~~ 950	1"x2"	
T.P.	2905	26 ~~102~~ 202	1664	23 ~~197~~ 297	"	
T.P.	1539	18 ~~188~~ 288	9453	16 ~~649~~ 749		BLOW
P.B. # 1			10620	7 ~~560~~ 668	P.B # 1 C.S. MON	EL=7.60
		END	SIDE	LINE		
T.P.	0610	23 ~~603~~ 703		23 ~~22 997~~ 093	* TOP LARGE ROCK	
T.P.	5801	17 ~~543~~ 648	11856	11 ~~747~~ 847	1x2	
T.P.	4740	16 ~~466~~ 566	5822	11 ~~726~~ 826	1x2	
T.P.	4889	17 ~~16 945~~ 045	4410	12 ~~056~~ 156	1x2	
T.P.	1495	9 ~~8 976~~ 076	9464	7 ~~481~~ 581	1x2	
T.P.	4830	5 ~~544~~ 744	8212	0 ~~764~~ 864	1x2	
P.B. #6A			5318	0 ~~325~~ 426	Bt Spk in Rock	
T.P.	4160	7 ~~109~~ 209	2695	3 ~~2 949~~ 049	1x2	
T.P.	6153	8 ~~231~~ 331	5031	2 ~~078~~ 178	1x2	
T.P.	6900	9 ~~091~~ 191	6040	2 ~~191~~ 291	1x2	
T.P.	8029	10 ~~712~~ 812	6408	2 ~~681~~ 783	1x2	
P.B. # 8			2745	8 ~~7 967~~ 067	P.B. 8 Spk in Top Conc. Wall	
						8.067
						EL= 7.994
						.073

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. N
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 12-1-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OIT Date ____

F.B. 2616 Pg. 213

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	LINE #1	12-2-60
P.B. #9	4 499	408 641		404 142	T.B. #9 ELEV. = 404.142	
T.P.	6 099	410 419	4 321	404 320	SQ. HD.	
T.P.	6 783	413 256	3 946	406 473	SQ. HD.	
P.I. # 5B			3 170	410 086	MON	
T.P.	6 760	416 215	3 801	409 455	SQ. HD.	
T.P.	1 890	412 914	5 191	411 024	SQ. HD.	
T.B.M. #30	0 350	405 689	7 575	405 339	Bt. SPK in HD. WALL	
T.P.	7 167	406 625	6231	399 458	SPK	
T.P.	6 939	409 214	4350	402 275	SPK	
P.I. 4-C	5021	410 922	3313	405 901	C.S. MON	
T.P.	10 520	419 413	629	408 893	SPK	
T.P.		416 703	589	418 824	*	
	BEG SIDE LINE TO FRUIT TREE NO 1.					
T.P.	10 970	428 504	1 879	417 534	SPK	
FRUIT TREE			4 027	424 477	C.S. MON	
	END SIDE LINE					
T.P.	5620	424 444		418 824 *		
T.P.	5388	425 524	4 308	420 136	1"x2"	
[illegible] #1	1747	423 419	3852	421 672	BRASS DISC IN 12"x12" CONC. PAD	
			2 666	420 753	" "	"
[illegible] #2			1639	421 780	" "	"

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Chkd. Date
Division No. 11 Job No. 0021.64
Notes Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 7	12-2-60
		423 419				
T.P.	0454	412 433	10940	412 479	1½"	
T.P.	0360	402 433	11360	401 573	"	
T.P.	0677	391 676	11434	390999	"	
T.P.	0920	383 310	9230	382 390	Spk	
P.I. #3	1270	374 226	10354	372 956	C.S. Mon	
T.P.	1345	364 240	11351	362875	Spk.	
T.P.	0544	353 760	11321	352914	Spk	
T.P.	1350	344 350	10260	343 500		
P.I. #2A			4699	340 151	Spk & Tin	
P.I. #1	0960	336 519	9291	335 559	" "	
		Res side	Line	to	H 7.8	
T.P.	0521	325 793	11247	325272	Spk	
T.P.	0866	314 927	11766	314061	Spk	
T.P.	0481	303 849	11559	303368	Spk	
T.P.	1549	294 924	10474	293375	Spk	
T.P.	10494	295 609	9809	295 115		
H 7.8			7218	288 391	C.S. Mon.	
" EW #1			7430	288179	C.S. Mon.	
" EW #2			7378	288 231	C.S. Mon.	
		End Side Line				

Profile No. X-Sec. No.
Notes Red. Date
Notes Chkd. Date
Plotted Date
Checked Date
Job No. 0031-F
Survey of E.B. & Rehab
Survey by Line
Map No.
Division No. 11
Notes Line
Indexed H. E. Ott
Date 12-2-60
F. B. 2616 Pg. 225

F. B. 2216 Pg. 226 Job No. 0021 Division No. 11 Profile
Survey of 1100 P.B. 2100 Notes Red. Plotted
Survey by H. E. Ott Notes Chkd. Checked
Indexed Date Date Date Date No. X-Sec. No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 1	12-2-60
P.I. #1	0422	335 981		335 559	Spk & TIN	
T.P.	1054	326 414	10 551	325 360	Spk	
T.P.	1134	316 605	10 443	315 471	Spk	
T.P.	0244	306 418	10 [illegible]	306 174	Spk	
T.P.	0322	296 505	10 235	296 183	Spk	
T.P.	0352	287 775	9083	287 422		
T.P.	4021	283 592	9203	279 [illegible]	Spk	
P.B. # 10	0631	280 186	4041	279 [illegible] 270 279	C.S. Mon	
T.P.	0463	270 742	9907	270 279	1X2	
T.P.	0204	259 064	11 882	258 860	1X2	
T.P.	0173	249 744	9493	249 571	1X2	
T.P.	1539	241 353	9930	239 814	1X2	
T.P.	0219	231 534	10 037	231 315	1X2	
T.P.	0474	221 570	10 466	221 096	1X2	
W.S. # 1	6709	217194	11 084	210 486	Spk in Step	
T.P.	0295	205 985	11 504	205 690	1X2	
P-1			6716	199269	C.S. Mon	
T.P.	0469	194 801	11 653	194 332	1X2	
T.P.	0953	184 713	11 041	183 760	1X2	
T.P.	1554	175 227	11 040	173 673	1X2	
TBM # 31			8161	167 066	TBM # 31, EL =	167.050

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STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE	LINE # 5 12-5-60
P.B.# 9	3784	407 925		404 142	PB # 9 EL:	404.142
T.P.	6198	410 251	3873	404 053	SPK & TIN	
T.P.	6 061	412 492	3820	406 431	" "	
T.P.	7360	415 703	4 149	408 343	" "	
P.B. # 9A	0319	414 515	1 507	414 196	* Bt. SPK W & TIN	
T.P.	0 491	403 567	11 439	403 076	1X2	
T.P.	0 284	392 424	11 427	392 140	1X2	
T.P.	0 691	383 013	10 102	382 322	1X2	
T.P.			9207	373 806	* 1X2	
		BEG. SIDE LINE		TO WEST	FIX	
T.P.	11 319	393 703	0629	382 384	1X2	
T.P.	0995	390 639	4059	389 644	1X2	
T.P.	7381	397 203	0817	389 822	1X2	
WEST FIX			3 402	393 801		
		END SIDE		LINE		
T.P.	0 178	373 984		373 806	* 1X2	
T.P.	0600	362 823	11 761	362 223	SPK	
S.B.# 3	9979	362 823	9979	352 844	Bt. SPK W & TIN	
TP	11761	373 984	0600	362 223	SPK	
TP	11726	384 992 ~~385 532~~	0718	373 266 ~~373 806~~	1X2	
S.B. # 2	11 940	394 625 ~~395 165~~	2307	382 685 ~~383 225~~	Bt. SPK W. & TIN	

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2616 Pg. 227
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 12-5-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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F. B. 7616 Pg. 229 Job No. 02164 Division No. 11 Profile No. X-Sec. No.
Survey of Point Dume to Point Mugu
Survey by Lanco
Indexed B. E. OTT Notes Date Notes Chkd. Date Checked Date Plotted Date Notes Red Date

STATION	B. S.	H. I.	F. S.	ELEV.	P. B. LAND SLIDE	12-5-60 LINE #5
		394 623 / ~~395 165~~				
S.B. #1			6269	356 / 348 ~~840~~	Bt. Spk W. & Tin	
S.B. 1-R			2896	391 789 / ~~392 264~~	C.S. Mon	
TP	3103	219 397 ~~754~~	0514	111 394 ~~671~~	Spk	
P.T. #2 Aux 3			5365	391 854 / ~~392 944~~	Bt. W. & Tin	
T.P.	0481	386 541 ~~387 091~~	11159	060 ~~[illegible]~~	Spk	
P.T. #3			3632	382 909 / ~~383 449~~	Sq HB Spk	
T.P.	1399	376 608 ~~377 148~~	11322	219 ~~375 769~~		
P.T. #4	0359	012 367 ~~[illegible]~~	9948	366 660 / ~~367 200~~ *	Bt Spk W. & Tin	
	Bes	Side	Line	To	H-2 & H-4	
T.P.	0629	355 357 ~~895~~	6293	356 726 ~~[illegible]~~	Spk	
T.P.	0430	455 346 ~~995~~	11380	345 975 ~~346 415~~	Spk	
T.P.	0537	335 913 ~~336 453~~	11129	326 ~~[illegible]~~ 335	Spk	
H-2	0910	326 744 ~~327 284~~	6072	325 834 / ~~326 374~~	C.S. Mon	
T.P.	4443	320 499 ~~321 039~~	10633	056 316 ~~[illegible]~~	Spk	
H-4			10971	309 528 / ~~310 068~~	2" I.P.	
		End	Side	Line		
P.T. #4	0441	101 367 ~~[illegible]~~		366 660 / ~~367 200~~ *	366 660 /	
T.P.	0359	355 614 ~~356 154~~	11846	255 355 ~~[illegible]~~	Spk	
T.P.	0389	124 345 ~~[illegible]~~	10879	344 735 ~~[illegible]~~ 275	Spk	
P.T. #5			7652	337 472 / ~~338 012~~	P.T. #5	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #5	12-5-60
		345 124				
		~~345 124~~				
		333 842		333 596		
T.P.	0246	~~334 982~~	11525	~~334 196~~	SPK	
		322 538		231		
T.P.	0301	~~322 075~~	11608	322 ~~707~~	SPK	
		005		310 916		
T.P.	6089	317 ~~544~~	11609	~~311 486~~	SPK	
		316 850		137		
PT. #6 AUX 3	6713	~~317 390~~	6868	310 ~~677~~ *	BH. SPK W. & T. IN	
		319 486		310 746		
T.P.	8740	~~320 020~~	6104	~~311 186~~	1X2	BEG SIDE LINE
		319 486		315 765		
I-1	3721	~~320 026~~	3721	~~316 706~~	2" I.P.	
		311 487		310 746		
T.P.	0741	~~312 027~~	5740	~~311 286~~	1X2	
		300 697		299 916		
T.P.	0781	~~301 237~~	11571	~~300 496~~	1X2	
		100		179		
T.P.	1921	291 ~~640~~	11518	289 ~~710~~	1X2	
				281 952		
I-2			9149	~~282 492~~	2" I.P.	
				179		
I-3			10921	290 ~~711~~	3/4" CAPPED I.P.	
		299 649		287 919		
T.P.	11730	~~300 189~~	3181	~~299 469~~	1X2	
				299 614		
BLAKESLEE			0035	~~300 144~~	E.S. MON	
END SIDE LINE						
		310 916		137		
PT. #6 AUX 3	0779	~~311 466~~		310 ~~677~~ *		
		436		299 533		
T.P.	0903	300 ~~970~~	11383	~~300 073~~	SPK	
		419		289 695		
T.P.	0724	289 ~~959~~	11741	~~290 235~~	SPK	
		279		277 990		
T.P.	0289	278 ~~779~~	11429	~~279 629~~	SPK	
		331		262 588		
PT. #7	0743	268 ~~871~~	10691	~~268 141~~	BH. W. & T. IN	
		257 693		256 983		
T.P.	0690	~~258 219~~	11348	~~257 773~~	SPK	

Profile No. ____ Notes Red. ____ Plotted ____ Tab No. 2016 Division No. 10 F. B. 2016 PG. 229
X-Sec. ____ Date ____ Date ____ Survey of LANG SLIDE
Notes Chkd. ____ Checked ____ Survey by ____ Notes 6149 Date 12-5-60
Date ____ Date ____ Map No. ____ Indexed H. E. OH Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	12-5-60	LINE #5
		257 673 ~~258 273~~				
T.P.	0274	246 123 ~~[illegible]~~	11 824	245 849 ~~246 [illegible]~~	Spk	
T.P.	0479	235 000 ~~[illegible]~~	11 602	234 521 ~~235 [illegible]~~	Spk	
T.P.	0421	225 677 ~~[illegible]~~	10 744	224 256 ~~[illegible]~~	Spk	
T.P.	0429	213 224 ~~[illegible]~~	11 882	212 795 ~~213 [illegible]~~	Spk	
BM C	8245	210 903 ~~211 [illegible]~~	10 566	208 658 ~~203 [illegible]~~	Brass Cap Mon	
		BEG SIDE LINE TO K-1				
T.P.	9851	220 435 ~~[illegible]~~	0 319	210 584 ~~211 [illegible]~~	1 x 2	
STA K-1			7 954	212 481 ~~213 [illegible]~~	C.S. Mon.	
		END SIDE LINE				
BM "C"	0312	202 970 ~~203 [illegible]~~		202 658 ~~203 [illegible]~~		
T.P.	4 895	197 505 ~~[illegible]~~	10 360	192 610 ~~193 [illegible]~~	Spk	
BM 34-17A			5292	192 213 ~~[illegible]~~	C.S. Mon El=	pp

.540

F. B. 2616 Pg. 730
Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile
Survey of P. B. LAND SLIDE Date No. X-Sec.
Survey by L.R.E. OD Notes Chkd. Checked No.
Indexed Date Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	F.B. LANDSLIDE	LINE #2 12-5-60
PB 9-A	7052	421248	✓	414196	X P.B. 9-A EL=	414.196 Pg 227
T.P.	11781	430726	2303	418945	✓* Spk	
T.P.	BEG	SIDE	LINE	TO B16	1x2	
T.P.	11456	441015	✓ 1167	429559	✓ 1x2	
T.P.	8532	445993	✓ 3554	437461	1x2	
B-1-C			3679	442314	✓X C.S. MON	
	END	SIDE	LINE			
T.P.	4542	423487	✓	418945	* Spk	
T.P.	1495	414243	✓ 10739	412748	1x2	
P.T. #1			3659	410584	✓X BT. W.&T.	
B1-B			4518	409725	✓X C.S. MON.	
T.P.	7249	4[illegible]472	✓ 5020	409223	✓ 1x2	
B-1			7979	408493	✓X C.S. MON	
T.P.	7199	416078	✓ 7593	408879	*✓ 1x2	
	BEG.	SIDE LINE	TO	C-1		
T.P.	11728	427132	✓ 0624	415454	1x2	
C-1			0471	426711	✓X C.S. MON.	
	END	SIDE	LINE			
T.P.	0808	409687	✓	408879	*✓ 1x2	
T.P.	0630	399390	10927	398760	1x2	
T.P.	0554	388937	✓ 11007	388383	✓ 1x2	

Profile Notes Red. Plotted Job No. 002164 Division No. 11 F. B. 2616 Pg. 231
No. Date Date Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by LINE Notes CARD Date 12-5-60
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.		
		388 937				
T.P.	0317	378 748	10 506	378 431		1x2
T.P.	0469	368 077	11 140	367 608		1x2
T.P.	0393	357 148	11 322	356 155		1x2
T.P.	4304	350 606	11 446	345 902		1x2
BM. 50-2			9335	340 671		C.S. MON.
T.P.	11 771	361 369	0 406	349 598		1x2
T.P.	8849	369 701	0 517	360 352		1x2
T.P.	3953	364 672	[illegible]	360 719		1x2
RADIAL-1			5179	359 493		C.S. MON.
T.P.	0771	354 512	10 931	353 741		1x2
T.P.	1348	344 935	10 925	343 587		1x2
T.P.	0474	333 992	11 417	333 518		1x2
A-3	4360	326 435	11 917	322 075		C.S. MON.
A-4	4678	326 901	4212	322 223		C.S. MON.
G-1	7783	323 507	11 177	315 724		C.S. MON.
T.P.	3307	318 571	8243	315 264		1x2
SHIELDS	4058	314 409	8220	310 351		C.S. MON.
T.P.	4181	313 510	5080	309 329		1x2
T.P.	0322	302 232	11 600	301 910		1x2
T.P.	0300	290 981	11 551	290 681		1x2

F. B. 2616 Pg. 232 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 LARO 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 # 2	12-5-60
		290 931				
T.P.	0878	281 669	10190	280 991	1x2	
T.P.	0473	270 937	[illegible]	270464	2	
T.P.	0365	259 897	[illegible]	259532	1x2	
T.P.	[illegible]	248 821	[illegible]	247996	1x2	
T.P.	0243	237 534	10530	237291	1x2	
T.P.	[illegible]	227 192	10850	226684	1x2	
T.P.	0[illegible]3	217 181	[illegible]	216513	1x2	
T.P.	0649	[illegible]	10912	206269	1x2	
J-5			7701	199217	× C.S. MON	
T.P.	9815	[illegible] 183	10553	196365	1x2	
T.P.	[illegible]	209 843	2368	203815	Spk	
T.P.	[illegible]	214 171	2153	207[illegible]	Spk	
T.B.M. 50-13A			2762	211 409	T.B.M 50-13A EL= 210.376, PER pg 217	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2616 Pg. 233
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes CARO Date 12-5-60
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2616 Pg. 234 Job No. 002164 Division No. 11 Notes Red. Plotted Profile

Survey of P.B. LANDSLIDE Date Date No.

Survey by WHD Notes CARD Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 2	12-5-60

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE #4 1-6-61 P.B. LANDSLIDE
T.B.M. 34-15A	2 461	233 448		230 987	T.B.M. 34-15A EL. = 230.987
T.P.	3 891	232 041	5 298	228 150	N&T
T.P.	3 485	229 392	6 134	225 907	Sq. HD.
T.P.	3 096	225 940	6 548	222 844	SpK.
T.P.	2 350	220 540	7 750	218 190	SpK.
T.P.	4 020	215 919	8 641	211 899	Rock
T.B.M 50-13A			5 522	210 397	SpK.
T.P.	4 588	212 384	8 123	207 796	SpK.
B.M. 50-13			4 326	208 058	Mon.
T.P.	3 920	207 691	8 613	203 771	Rock
T.B.M. #15			10 274	197 417	L.&N.
T.P.	9 119	215 660	1 150	206 541	1X2
R-2 Ecc. #1			5 713	209 947	3/4" I.P.
T.P.	6 112	214 926	6 846	208 814	1X2
R-2			11 991	202 935	Mon.
T.P.	7 090	219 973	2 043	212 883	1X2
J-4			3 803	216 170	Mon.
J-3			6 872	213 101	Mon.
T.P.	0 598	212 270	8 301	211 672	SpK.
J-1			9 719	202 551	3/4" I.P.
T.P.	11 588	222 131	1 727	210 543	SpK.

Profile No. X-Sec. No. Notes Red. Date Plotted Date Notes Chkd. Date Checked Date Job No. 0021.66 Division No. 11 Survey of PORT BEND LANDSLIDE Survey by LIND Notes WILKS Date 1-6-61 Map No. Indexed H. E. OTT Date JAN 13 '61

F. B. 2616 Pg. 235

76L-298 S & E #307—1-56

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F. B. 2616 Pg. 236 Job No. 002149 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 H. E. OTT Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 4	1-6-61
		222 131				
T.P.	11 947	232 576	1 502	220 629	SpK.	
J-1A	0.803	232 274	1 105	231 471	Mon.	
T.P.	0.825	221 690	11 409	220 865	IX2	
T.P.	0.333	212 020	10 533	211 687	IX2	
T.P.	0.562	201 190	11 392	200 628	IX2	begin sideline
T.P.	0.399	189 600	11 989	189 201	SpK.	
T.P.	0.402	178 469	11 733	177 867	SpK.	
T.P.	0.818	168 038	11 249	167 420	SpK.	
T.P.	0.485	157 172	11 351	156 687	SpK.	
T.P.	0.849	147 210	10 811	146 361	SpK.	
T.P.	2.526	138 371	11 365	135 845	SpK.	
T.B.M. #25			11 943	126 428	SpK.	end sideline
T.P.	0.853	201 481		200 628	IX2	
T.P.	1 388	191 880	10 989	190 492	SpK.	
T.P.	10 632	197 809	4 703	187 177	Rock	
T.P.	4 854	198 046	4 617	193 192	SpK.	
B.M. 34-17A			5 281	192 765	Mon	
T.P.	5 909	199 085	4 870	193 176	SpK.	
T.P.	5 127	197 948	6 264	192 821	SpK.	
T.P.	1 508	191 872	7 584	190 364	Rock	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 4	1-6-61
		191 872				
T.P.	0 969	181 937	10 904	180 968	SpK.	
T.P.	1 242	171 370	11 809	170 128	SpK.	
B.M. 34-18			2 682	168 688	MON.	
T.P.	11 137	170 523	11 984	159 386	SpK.	beguine sideline
T.P.	11 319	181 629	0.213	170 310	SpK.	
T.P.	8 149	187 632	2 146	179 483	SpK.	
T.P.	7 227	192 251	2 608	185 024	Rock.	
P-3A			1 831	190 420	MON	end sideline
T.P.	3 288	162 674		159 386		
P-3	6 528	164 598	4 604	158 070	L.&T.	
T.P.	6 309	166 770	4 137	160 461	SpK.	
T.P.	5 992	168 122	4 640	162 130	SpK.	
P-2	7 345	170 749	4 718	163 404	L.&T.	
T.B.M. #31			3 659	167 090	L.&T.	T.B.M. #27 EL. = 167.050

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2616 Pg. 237
No. ____ Date ____ Date ____ Survey of PORT. BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes WILKS Date 1-6-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OD Date ____

F. B. 2616 Pg. 238 Job No. 2021.64 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 Date Date Date No.

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

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STATION	B. S.	H. I.	F. S.	ELEV.	PORTUGUESE BEND LANDSLIDE LINE #3 1-6-61
T.B.M. 34-15A	0 478	231 465		230 987	T.B.M. 34-15A EL. = 230.987
T.P.	0 894	221 091	11 268	220 197	SpK.
T.P.	2 738	213 500	10 329	210 762	SpK.
T.P.	0 269	207 349	6 420	207 080	SpK.
K-13			5 600	201 749	SpK. IN A 2" I.P.
T.P.	0 831	197 980	10 300	197 149	SpK.
T.P.	0 795	187 200	11 575	186 405	SpK
K-11			5 829	181 371	SpK. IN A 2" I.P.
T.P.	0 741	177 009	10 932	176 268	SpK.
K-10A			4 263	172 746	SpK. & T.
K-10B			7 402	169 607	2" I.P.
K-10C			9 621	167 388	L. & T.
K-10			9 675	167 334	1" I.P.
T.P.	0 748	166 603	11 154	165 855	Rock
K-9A			3 122	163 481	SpK.
K-9			7 318	159 285	1" I.P. ✓
K-8A	1 158	158 991	8 770	157 833	S.W. & T.
K-8B			3 526	155 465	SpK.
T.P.	0 659	148 112	11 538	147 453	SpK.
T.P.	1 124	137 512	11 724	136 388	SpK.
T.P.	11 769	141 408	7 873	129 639	SpK. begin sideline

Profile Notes Red ____ Plotted ____ Job No. 002164 Division No. 11 F. B. 2616 Pg. 239
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes WILKS Date 1-6-60
No. ____ Date ____ Date ____ Map No. ____ Indexed U. E. OD Date ____

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.	Line #3	1-6-61
		141 408				
K-5			5 401	136 007	Mon. end sideline	
T.P.	0 550	130 189		129 639	SpK.	
T.P.	1 502	120 934	10 757	119 432	SpK.	
T.P.	0 788	112 711	-9 011	111 923	Rock	
W-3			-2 105	110 606	Mon	
K-5AUX.	0.805	102 544	10 972	101 739	Mon.	
T.P.	0.623	91 160	12 007	90 537	1X2	
T.P.	0.586	80 211	11 535	79 625	SpK.	
K-4			2 320	77 891	Mon.	
T.P.	0 783	69 764	11 230	68 981	SpK.	
T.P.	2 352	61 268	10 848	58 916	SpK.	
T.B.M. #28			3 459	57 809	SpK. & L.	
K-3A			7 062	54 206	Mon. ✓	
T.P.	1 503	55 651	7 120	54 148	Rock	
T.P.	1 202	45 511	11 342	44 309	1X2	
T.B.M. 27 AUX.3	3 230	39 112	9 629	35 882	1" I.P.	
K-2AUX.			3 242	35 870	SpK. IN A 2" I.P.	
T.P.	0 682	31 304	8 490	30 622	1X2	
T.P.	0 200	22 561	8 943	22 361	* Beg Side Line to PB #1	
P.B. #1			14 967	7 594		

End Side Line

F. B. 2616 Pg. 240 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile
Survey of P.B. Land Slide Date Date No.
Survey by Lind Notes Wilks 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 #3	1-6-61
T.P.	0 647	23 008		22 361	*		
T.P.	4 900	16 626	11 282	11 726	ROCK		
T.P.	3 639	15 774	4 491	12 135	ROCK		
T.P.	4 791	16 134	4 431	11 343	ROCK		
T.P.	2 411	9 817	8 728	7 406	ROCK		
T.P.	6 009	8 464	7 362	2 455	ROCK		
T.P.	3 398	7 144	4 718	3 746	ROCK		
T.P.	5 743	9 227	3 660	3 484	ROCK		
P.B. #8			1 251	7976	L & T.	P.B. # 8	EL= 7.994

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 11 F. B. 2612 Pg. 741
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes WILKS Date 1-6-61
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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76L-298 S & E #307—1-56

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(D)

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STATION	B. S.	H. I.	F. S.	ELEV.	PORTUGUESE BEND LANDSLIDE LINE #5 1-10-61
P.B. # 9	3 715	407 857		404 142	P.B. # 9 EL. = 404.142
T.P.	6 269	410 448	3 678	404 179	SPK.
T.P.	5 557	412 507	3 498	406 950	SPK.
P.B. # 9B.	0 463	410 221	2 749	409 758	Sq. HD.
T.P.	1 064	399 568	11 717	398 504	Rock
T.P.	0 925	388 790	11 703	387 865	1X1
T.P.	0 248	378 491	10 547	378 243	Rock
T.P.	0 597	368 440	10 648	367 843	Rock
T.P.	0 408	357325	11 523	356 917	Rock
S.B. # 3	11 609	364429	4 505	352 820	S.W. & T.
T.P.	11 949	375 673	0 705	363 724	Rock
T.P.	10 470	385622	0 521	375152	Rock
S.B. # 2	10 628	393 840	2 410	383 212	S.W. & T. begin sideline
T.P.	5 743	398 171	1 412	392 428	Rock
T.P.	9 703	396 024	11 850	386 321	Top of valve
West Fix			2 219	393 805	Mon. end sideline
S.B. # 2	10 920	394 132		383 212	
S.B. # 1			5 265	388 867	S.P. & T.
S.B. # 1A			1 910	392 222	Mon.
T.P.	5 931	398 404	1 659	392 473	Rock
P.T. # 2 AUX. 3			6 056	392 348	S.W. & T.

F. B. 26 VL Pg. 242

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

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

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

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

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(P)

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STATION	B. S.	H. I.	F. S.	ELEV.		Line #5 - 1-10-61
		398 404				
T.P.	0 547	387 563	11 388	387 016	Rock	
P.T. #3			4 186	383 377	SPK.	
T.P.	1 199	377 775	10 987	376 576	Rock	
P.T. #4	1 030	368 155	10 650	367 125	S.W. & T.	Begin sideline
T.P.	1 019	358 204	10 970	357 185	SPK.	
T.P.	0 551	348 232	10 523	347 681	SPK.	
T.P.	0 570	338 142	10 660	337 572	SPK.	
H-2	1 089	327 379	11 852	326 290	Mon	
T.P.	4 943	321 769	10 553	316 826	Mon	
H-4			11 767	310 002	2" I.P.	End sideline
P.T. #4	0 469	367 594		367 125		
T.P.	0 701	366 928	11 367	356 227	Rock	
T.P.	0 550	345 735	11 743	345 185	Rock	
P.T. #5			7 802	337 933	S.W. & T.	
T.P.	0 862	336 454	10 143	335 592	SPK. & TIN	
T.P.	0 278	325 417	11 315	325 139	Rock	
T.P.	2 213	316 327	11 303	314 114	SPK.	
P.T. #6 AUX3	7 369	317 964	5 732	310 595	S.W. & T	Beguine sideline
T.P.	8 784	320 001	6 747	311 217	1X2	
I-1	3 750	320 001	3 750	316 251	2" I.P.	

Profile Notes Red ____ Plotted ____ Job No. 00216 & Division No. 11 F. B. 2616 Pg. 243
No. ____ Date ____ Date ____ Survey of PORT BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes WILKS Date 1-10-61
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 # 10	1-10-61
		320 001				
T.P.	0 623	311 840	8 784	311 217	1X2	
T.P.	0 667	301 048	11 459	300 381	1X1	
T.P.	1 079	290 685	11 442	289 606	1X1	
I-2			8 332	282 353	I.P.	
I-3	11 842	292 448	10 079	280 606	I.P.	
T.P.	9 348	300 056	1 740	290 708	Top of bolt	
Blakesly			0 020	300 036	MON END SIDELINE	
P.T. #6 AUX. 3	0 469	311 064		310 595		
T.P.	0 502	299 574	11 992	299 072	Rock	
T.P.	0 812	291 258	9 128	290 446	Spk.	
T.P.	0 631	280 631	11 258	280 000	Rock	
T.P.	1 634	272 538	9 727	270 904	Rock	
P.T. #7			4 495	268 043	S.W.&T.	
T.P.	10 810	273 720	9 628	262 910	Spk. begin sideline	
T.P.	8 385	281 141	0 964	272 756	Rock	
T.P.	11 323	290 116	2 348	278 793	1X2	
T.P.	11 802	301 631	0 287	289 829	1X2	
T.P.	10 035	311 381	0 285	301 346	1X2	
P-4			8 822	302 559	MON end sideline	
T.P.	0 340	263 250		262 910		

F. B. 2612 Pg. 244
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 [illegible] Date Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		263 250				
T.P.	0.809	253 040	11 019	252 231	SPK.	
T.P.	0 450	241 978	11 512	241 528	SpK.	
T.P.	0 705	230 876	11 807	230 171	SpK.	
T.P.	0 640	219 769	11 747	219 129	Rock	
T.P.	0 420	208 589	11 600	208 169	Rock	
B.M. – C			5 433	203 156	Mon	
T.P.			10 137	198 452	SpK	begin sideline
T.P.	8 552	216 243	0.898	207 691	Rock	
K-1			3 265	212 978	Mon.	end sideline
T.P.	0 321	198 773		198 452		
B.M. 34-17A			6 071	192 702	Mon	EL= 192.765 pg =36

Profile Notes Red. ____ Plotted ____ Job No. 002164 Division No. 11 F. B. 2616 Pg. 215
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes WILKS Date 1-10-61
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 S & E #307—1-56

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE	LINE #1 1-11-61
P.B. # 9	4488	408 630		404 142	P.B. # 9 EC = 404.142	
T.P.	6901	411 223	4303	404 322	Spk & Tin	
T.P.	6408	413 741	3890	407 333	" "	
P.I. # 5-B			3660	410 081	C.S. Mon	
T.P.	6910	416 818	3833	409 908	Spk & Tin	
T.P.	1843	411 184	7477	409 341	" "	
T.B.M. # 30	0421	405 741	5864	405 320	Spk in Lead in Culvert	
T.P.	6620	406 413	5948	399 793	Spk. & Tin	
T.P.	6859	409 122	4150	402 263	" "	
P.I. # 4-C	4844	410 737	3229	405 893	C.S. Mon	
T.P.	10523	419 410	1850	408 887	Spk & Tin	
T.P.			1576	417 834	* " "	
		BEG SIDE LINE				
T.P.	10295	429 035	0670	418 740	Spk & Tin	
FRUIT TREE # 1			4558	424 477	C.S. Mon.	
		END SIDE LINE				
T.P.	6848	424 682		417 834	* Spk & Tin	
T.P.	5979	426 121	4540	420 142	1/2	
SPHILLS G-6 RM # 1	1889	423 554	4456	421 665	C.S. Mon	
G-6			2812	420 742	"	
RM # 2			1776	421 778	"	

F. B. 26 16 Pg. 216

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

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

Survey by LIND Notes Lind 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 # 1	1-11-61
		423 554				
T.P.	0237	412 710	11081	412473	1"X1"	
TP	0950	402 510	11150	401560	"	
T.P.	0661	391 609	11562	390948	1"X2"	
TP	2025	351 984	11650	379959	1X2	
P.I. # 3	0670	373 589	9065	372919	C.S. MON.	
TP	0948	362 786	11711	361878	Spk & Tin	
TP	0919	351 764	11941	350845	Spk	
P.I. #2A	1784	341 909	11639	340125	Spk & Tin	
P.I. # 1	1124	336655	6378	335531	1* Spk & Tin BEG SIDE LINE	
T.P.	0649	325 894	11410	325245	Spk	
TP	0404	314 445	11853	314041	Spk	
TP	0212	303 556	11101	303344	"	
TP	1481	294 830	10207	293349	Spk	
TP	10 894	295 976	9748	285082	Spk & Tin	
sp hills						
H-7A			7620	288356	C.S. MON	
" ELL 1			7830	288146	"	
" ELL 2			7780	288196	"	
" ELL 3			7800	288176	"	
		END SIDE LINE				
P.I. # 2	0430	335 961		335531	Spk & Tin	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0011.04 Division No. 11 F. B. 2616 PG. 247
X-Sec. No. ____ Date ____ Date ____ Survey of P.B. LINE SIDE LINE
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by LINE Notes LINE Date 1-11-61
Map No. ____ Date ____ Indexed ____ Date ____ H. E. OM

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 1	1-11-61
		335 961				
T.P.	0867	326 174	10 649	325 312	Spk & Tin	
T.P.	0791	315 358	11 612	314 567	" "	
T.P.	0742	304 437	11 663	303 695	" "	
T.P.	0840	294 317	10 960	293 477	" "	
T.P.	1763	284 727	11 353	282 964	" "	
P.B. # 10	0669	280 195	5201	279 526	C.S. MON.	
T.P.	0381	270 620	9956	270 239	1X2	
T.P.	0433	259 270	11 783	258 837	1X2	
T.P.	0250	249 794	9726	249 544	1X2	
T.P.	1651	241 427	10 018	239 776	1X2	
T.P.	0325	231 004	10 748	230 679	1X2	
T.P.	0251	220 459	10 796	220 208	1X2	
W.F. # 1	7340	217 779	10 020	210 439	Spk in Step	
T.P.	0232	207 861	10 150	207 629	1X2	
P. 1			8642	199 219	C.S. MON	
T.P.	0598	196 957	11 502	196 359	1X2	
T.P.	0482	185 755	11 684	185 273	1X2	
T.P.	0678	175 925	10 508	175 247	1X2	
T.B.M # 31			8910	167 015	TBM # 31 EL =	167.050
					L&T. IN CB	

F. B. 2616 Pg. 748 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile
Survey of P.B. Lake Slide Date Date No. X-Sec.
Survey by Notes Notes Chkd. Checked
Indexed H. E. Ott Date Date Date No.

76L-298 S & E #307—1-56

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(P2)

STATION	B. S.	H. I.	F. S.	ELEV.	P.B. Longitudinal Line #6 1-11-61		
BM 50-9	11983	1011386		999403	BM 50-9 EL= 999.403		C.S. MON
T.P.	0911	1000695	11602	999784	1x1 STK.		
T.P.	0873	989869	11699	988996	" "		
T.P.	0644	979453	11060	978809	" "		
T.P.	0.698	969203	10948	968505	" "		
T.P.	1085	958575	11713	957490	" "		
TBM 11	1432	948699	11308	947267	P.K. IN	CULVERT	
T.P.	0629	937385	11943	936756	1x1 STK.		
Z-1			2027	935358	C.S. MON.		
T.P.	1349	928067	10667	926718	1x1 STK.		
T.P.	0980	918039	11008	917059	" "		
T.P.	0630	907397	11272	906767	" "		
T.P.	0.306	896253	11450	895947	" "		
T.P.	0.558	886201	10610	885643	" "		
T.P.	1037	875657	11581	874620	" "		
T.P.	0.31-	864884	11085	864573	" "		
BM 50-10			6747	858137	C.S. MON.		
T.P.	0892	854636	11140	853744	1x1 STK.		
T.P.	0.230	843256	11610	843026	" "		
T.P.	0.569	832588	11237	832019	" "		
T.P.	0685	821304	11969	820619	" "		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 002164 Division No. 11 F. B. 2616 Pg. 249
Date ____ Date ____ Survey of P.B. LONGITUDINAL
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by A. NAO Notes E. ON Date 1-11-61 1962
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.	P.B. LANDSLIDE LINE #6 1-11-61
		821 304			
T.P.	0.524	810 781	11 047	810 257	1x1 STK.
T.P.	0 734	800 243	11 272	799 509	" "
Y-4			.6330	793 913	CS MON
T.P.	0.471	789 182	11 532	788 711	1x1 STK.
T.P.	5.812	783 979	11 015	778 167	" "
T.B.M. #12			.6839	777 140	SPK. IN H.W.
T.P.	0.549	773 142	11 380	772 593	1x1 STK.
T.P.	0.982	763 058	11 065	762 076	" "
T.P.	0.705	751 813	11 950	751 108	" "
T.P.	0.572	741 144	11 241	740 572	" "
T.P.	0.621	730 573	11 192	729 952	" "
T.P.	0.417	719 582	11 408	719 165	" "
T.P.	0.918	708 699	11 801	707 781	" "
T.P.	0.799	698 478	11 020	697 679	" "
T.P.	0.550	687 488	11 540	686 938	" "
T.P.	0.942	676 513	11 917	675 571	" "
T.B.M. #13			.0551	675 962	SPK. IN COLVERT
T.P.	0.407	665 533	11 387	665 126	1x1 STK.
T.P.	1.169	656 756	.9940	655 587	" "
B.M. 50-11			9 238	647 518	B.M. 50-11 ELE. = 647.570 CS MON

F. B. 2616 PG. 250 Job No. 0021.64 Division No. 11 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date Date No.
Survey by LIND Notes CARU 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.	P.B. LANDSLIDE LINE #2 1-12-61
P.B. #9	3609	407 751		404.142	P.B. #9 EL= 404.142
TP	6469	410 521	3699	404 052	Spk
TP	6634	413 014	4141	406 380	Spk
TP	7574	416 430	4158	408 856	Spk
TP	7691	421 871	2250	414 180	Spk
TP	11 043	429 968	2946	418 925	* Spk & Tin
		BEG SIDE LINE TO B-1-C			
TP	11009	440686	0291	429 677	1x2"
TP	7257	444 687	3256	437430	Bolt on pipe
B-1-C			2404	442 283	X C.S. Mon.
		END SIDE LINE			
TP	4909	423 834		418 925	* Spk & Tin
TP	1347	413 915	11 266	412 568	1x2
P.T. #1			3492	410 423	X Bt. spk w & T
B-1-B			4402	409 513	X C.S. Mon.
TP	7263	417 316	4862	409 053	Rock
B-1			3052	408 284	X C.S. Mon
TP	7128	415 776	7668	408648	* Top 4" pipe
		BEG SIDE LINE TO C-1			
TP	11596	426 876	0496	415 280	1x2
C-1			0267	426 609	X C.S. Mon
		END SIDE LINE			

Profile No. ____ Date ____ Notes Red. ____ Plotted ____ Date ____ Job No. 0021.64 Division No. 4 Survey of P.B. LANDSLIDE F.B. 2616 Pg. 251

X-Sec. No. ____ Date ____ Notes Chkd. ____ Checked ____ Date ____ Survey by LINO Notes LINO Date 1-12-61

Map No. ____ Date ____ Indexed H. E. OH Date 1960

76L-298 S & E #307—1-56

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

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

(P)

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 2	1-12-60
T.P.	0323	408 971		408 648	Top 2" pipe	
T.P.	0644	399 167	10 448	398 523	1X2"	
T.P.	0953	389 100	11 020	388 147	1X2"	
T.P.	0563	378 636	11 027	378 073	1X2	
T.P.	0802	368 083	11 355	367 281	1X2	
T.P.	0595	357 057	11 621	356 462	1X2	
T.P.	2547	347 988	11 616	345 441	1X2	
BM 50-12			7447	340 541	1X C.S. MON	
T.P.	11349	358 215	1122	346 866	Rock	
T.P.	10388	368 294	0309	357 906	1X2	
T.P.	1591	367 215	2670	365 624	1X2	
RADIAL 1			7830	359 385	1X C.S. MON	
T.P.	0769	359 255	8729	358 486	1X2	
T.P.	0668	348 387	11 536	347 719	1X2	
T.P.	0681	337 818	11250	337 137	1X2	
T.P.	1128	327 790	11196	326 622	1X2	
STA A-3	9197	331 156	5831	321 959	1X C.S. MON	
STA A-4			8968	322 188	X C.S. MON	
T.P.	0583	320 776	10 963	320 193	1X2	
G-1	7313	323 003	5081	315 695	1X C.S. MON	
T.P.			7872	315 136	1X2	

T. B. 2616 Pg. 252 Job No. 0021.64 Division No. 11 Notes Red. Plotted Profile
Survey of P.B. LAND LINE Date Date No. X-Sec.
Survey by LIND Notes LIND Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

PLEASE RETURN TO
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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LINE # 2	1-12-61
T.P.	3402	318 538		315 136	1X2	
SHIELDS	4463	314 779	8222	310 316	C.S. MON.	
T.P.	1341	310 142	5978	308 801	1X2	
T.P.	1159	302 742	8559	301 583	1X2	
T.P.	0989	292 338	11 393	291 349	1X2	
T.P.	0428	281 607	11159	281 179	1X2	
T.P.	0559	270 337	11279	270 328	1X2	
T.P.	1018	261 055	10850	260 037	1X2	
T.P.	0700	250 710	11 045	250 010	1X2	
T.P.	0878	240 850	10738	239 972	1X2	
T.P.	0658	230 264	11264	229 606	1X2	
T.P.	0706	219 752	11218	219 046	1X2	
T.P.	0248	210 499	9501	210 251	ROCK	
U-5			11375	199 124	C.S. MON.	
T.P.	6622	205 393	11728	198 771	1X2	
T.B.M #15			8051	197 342	SPK IN CULVERT	
T.P.	6892	210 664	7621	203 772	SPK	
T.P.	7306	214 428	3542	207 121	SPK	
TBM 50-13A			4052	210 376	TBM 50-13A	EL = 210 397 PG 235

PORTUGUESE BEND LANDSLIDE LEVELS CONT. IN F.B. 2683-5

Profile No. X-Sec. No. Notes Red. Date Notes Blkd. Date Plotted Date Checked Date Job No. 0021.64 Survey of P.B. LANDSLIDE Survey by LIND Map No. Division No. 11 Notes LIND Date 1-12-61 Indexed H. E. OTT Date 1960 F. B. 2616 Pg. 253

F. B. 2616 Pg. 254 Job No. 002164 Division No. 11 Notes Red _____ Plotted _____ Profile _____

Survey of P.D. LANDSLIDE Date _____ Date _____ No. _____

Survey by LIND Notes LIND Notes Chkd. _____ Checked _____

Indexed _____ Date _____ Date _____ Date _____