Computed by
Checked by

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed

F.B. 2363 Pg

Job	Description	
	SILVER SPUR LANDLSIDE - J.N.0021.7	83
Cont.	Loc. of control line for study.	
Elev.	Elev. of control line points.	
Cont.	Horizontal measurements along "A" & "B" lines.	
Loc.	Loc. of main crack.	
54 Levels	Levels across Line B.	7-10-58
56 Levels	Levels across Line B.	7-17-58
58 Levels	Levels across Line A.	7-24-58
0 Levels	Levels across Lines A&B.	8-4-58
2 Levels	Levels across Line A.	8-18-58
4 Levels	Levels for movement.	9-4-58
6 Levels	Levels across Line B.	11-6-58
	PORTUGUESE BEND LANDSLIDE - J.N. 0021.64	
Levels	Levels across Line 1 and tie to precise line 50.	2-17-59
Levels	Levels on Line #1,#2,#3.	4-1-59
Levels	Levels over Line 1 & check to Line 50 on Crenshaw Blvd.	5-12-59
9 Levels	Levels across Line 1 & Line 2.	6-11-59

(cont'd on next page)

F.B. 2363 Pg.

Page	Job	Description
241-258	Levels	Levels on Line #1, #2, #3 7-10, 7-14, 7-16.

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99-9

Notes Ck'd by GOSS	Survey of Silver Spur
Map No.	JN 0021.83 Tape 140 Std 85 °F
Office Work	Surveyed by [illegible] Van Dorn
Checked	Notes V. Anderson Date 7-3-58
Date	Indexed [illegible] 7-9-58

F.B. 2363 Pg. 5

J.N. 0021.83

CONTROL LINE

ON

SILVER SPUR LANDSLIDE

7-1-58
V. Anderson
J. Bazan
R. Turrill
T.C. Peterson
K.F. Tuxford

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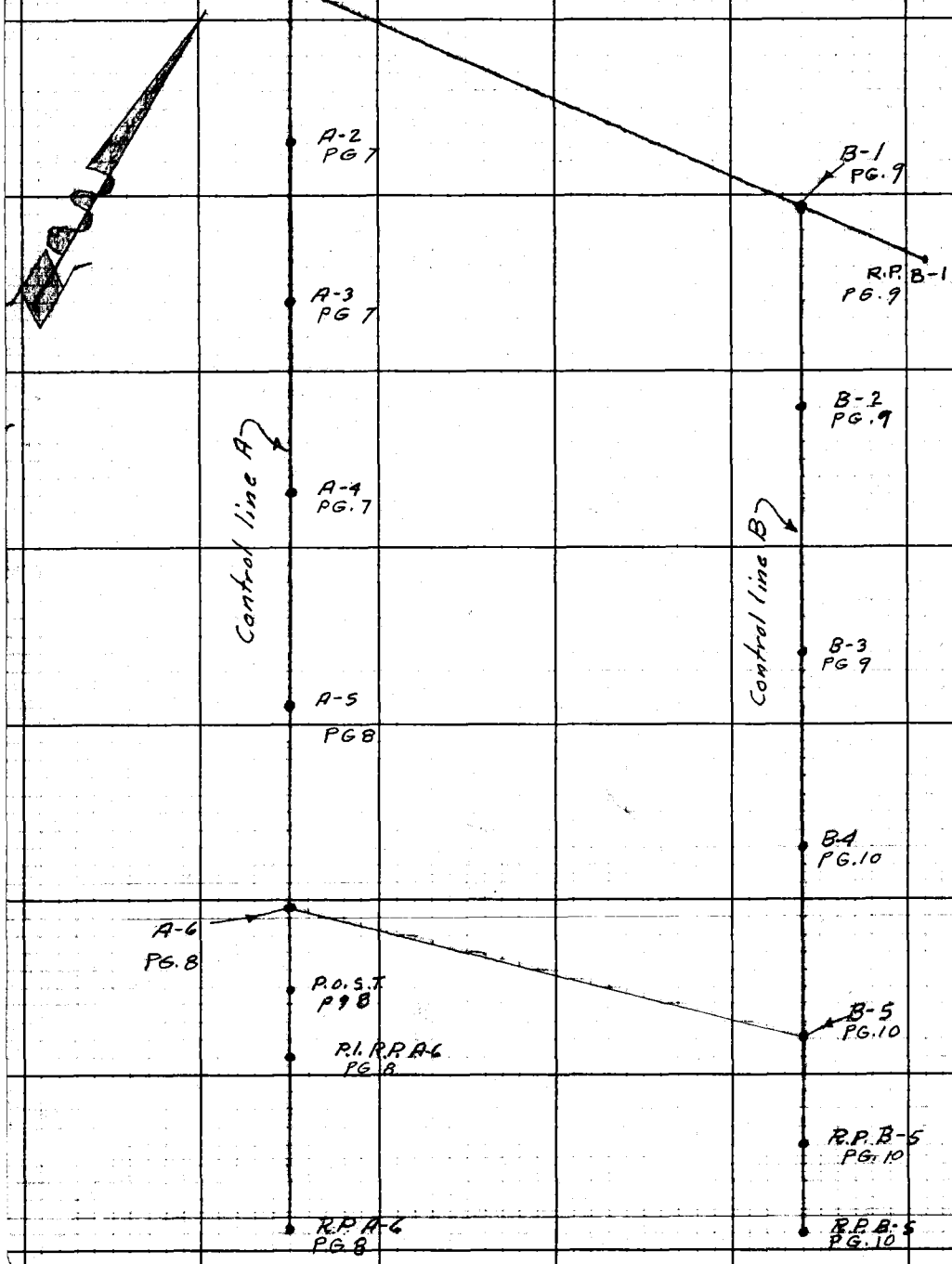
76F2095 CE #247—3-57

F. B. 2363 PG. 6

INDEX



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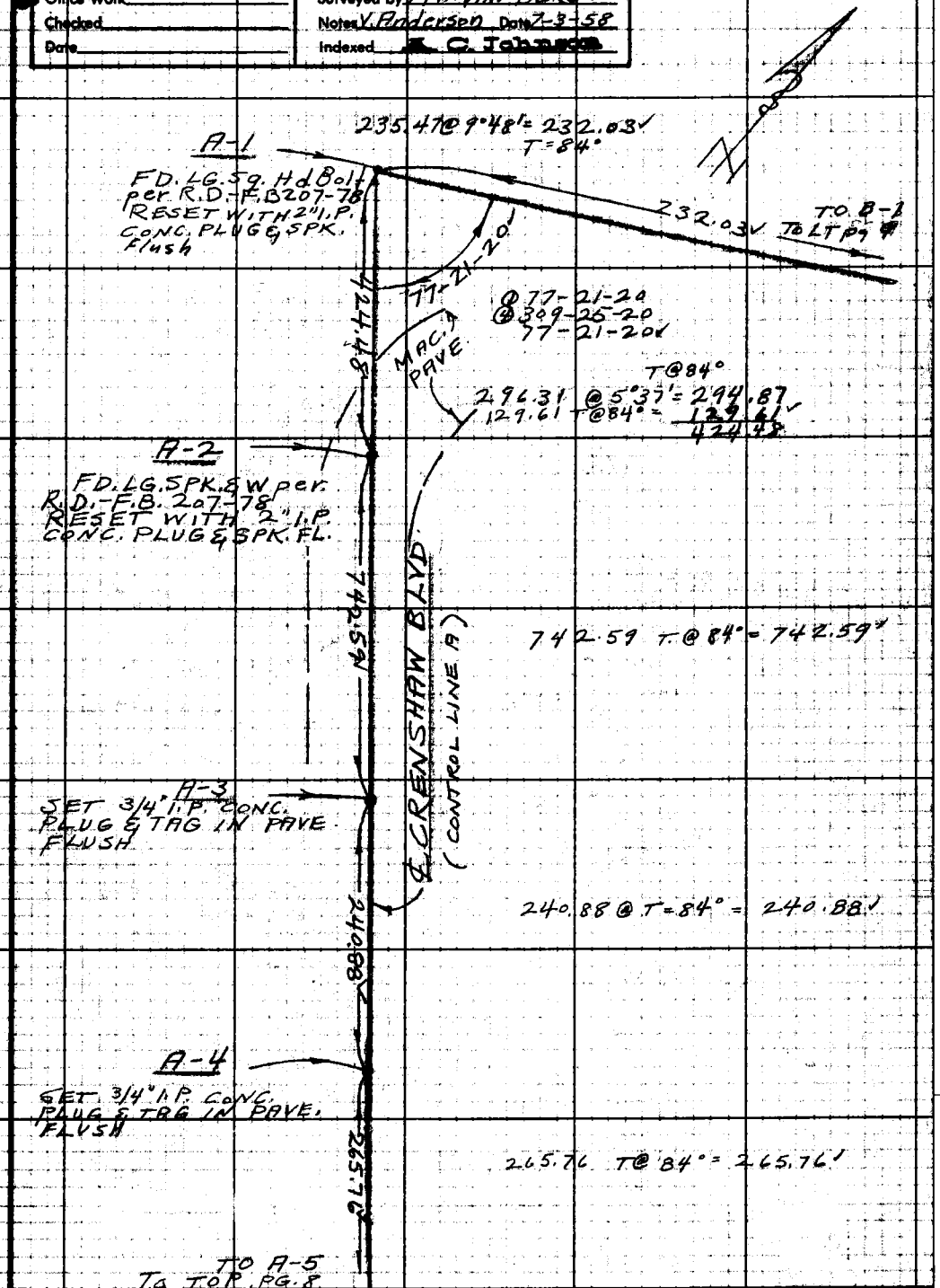
Notes Ck'd by GOSS	Survey of SILVER SPUR
Map No.	JN 0021.83 Tape #140 Std 84 °F
Office Work	Surveyed by M.A. VAN DEREN
Checked	Notes V. Anderson Date 7-3-58
Date	Indexed J. C. Johnson

F.B 2363 Pg 7



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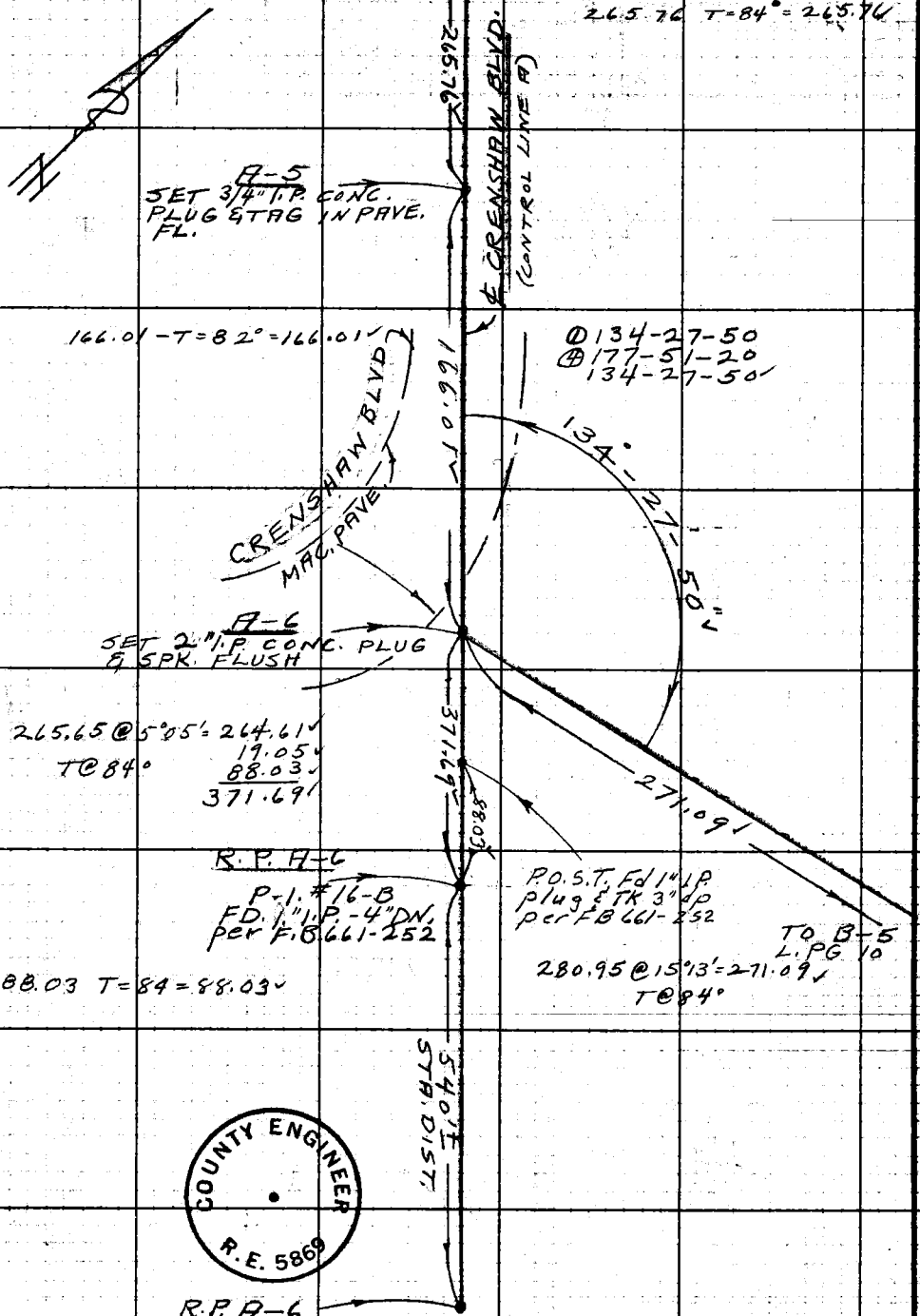
CK #347—3-57

F.B. 2363 Pg. 8

TO A-4 From bot pg 7

265.76 T=84° = 265.76



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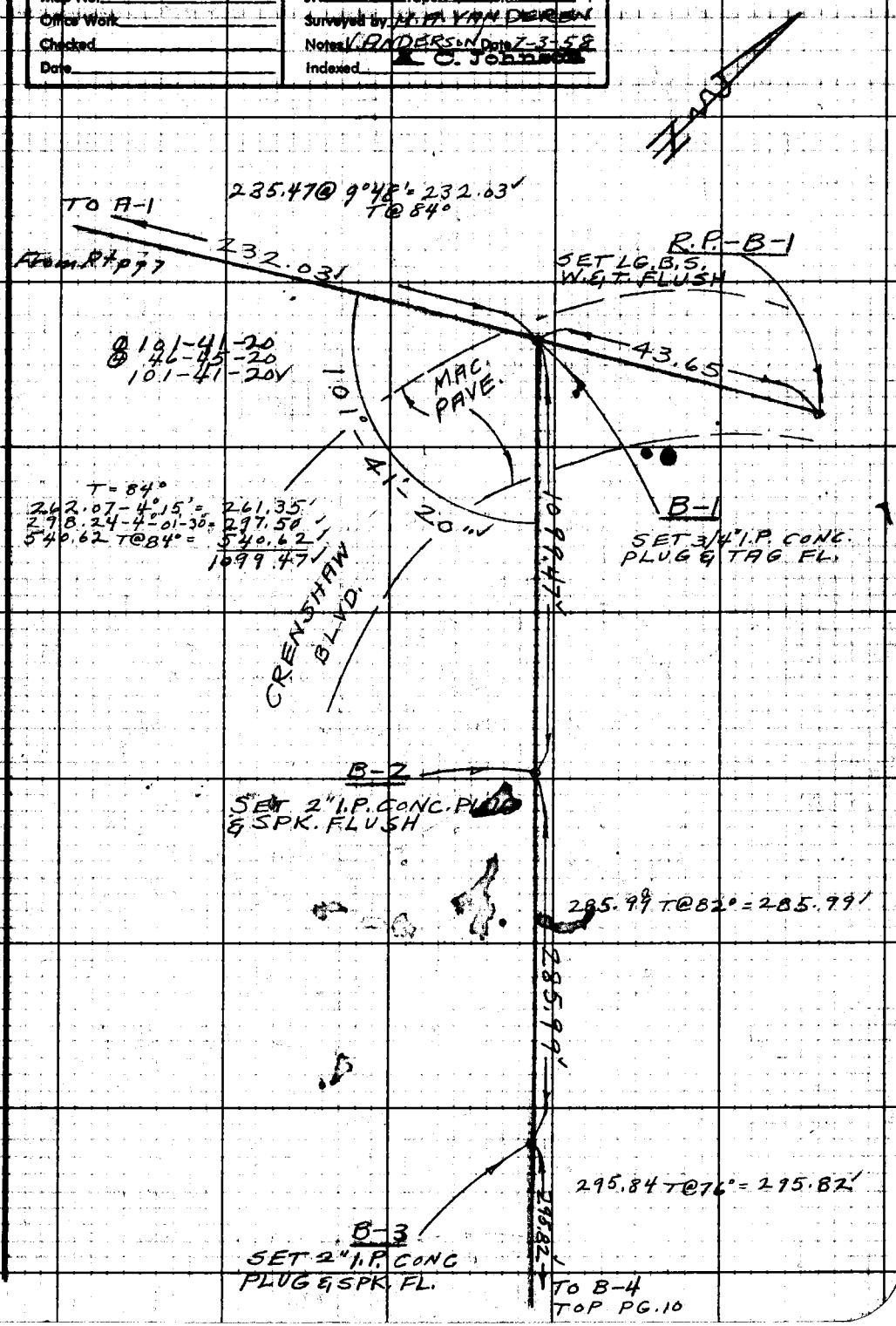
Notes Ck'd by GOSS	Survey of SILVER SPUR
Map No.	JN 002183 Tape 140 Std 84 °F
Office Work	Surveyed by H. A. VAN DEREN
Checked	Notes V. ANDERSON Date 7-3-58
Date	Indexed K. C. Johnson

F.B. 2363 Pg. 9



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76F3095 CE #247—3-57

F. B. 2343 Pg. 10

TO B-3 BOT. PG 9

295.84 T@76° = 295.82

295.82

B-4

SET 2" I.P. CONC. PLUG & SPK. FL. (ROCK PILE)

CONTROL LINE B

T@84°
297.93 @ 2°08' = 297.72

297.72

① 46-29-30
② 185-58-00
46-29-30

TO A-6 RT. PG. 8

271.09

46°-29'-30"

280.95 @ 15°13' = 271.09
T = 84°

B-5

SET 2" I.P. CONC. PLUG & SPK. FL.

T = 84°
101.33 @ 5°32' = 100.86

100.86

R.P. B-5

SET 2" I.P. CONC. PLUG & SPK. FL.

900'±
STA. DIST.

R.P. B-5

SET 2" I.P. CONC. PLUG & NAIL FL.

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Profile No.	Notes Red.	Plotted	Job No. 0021.83	Division No. 10	F. B. 2363 Pg. 11
	Date	Date	Survey of SILVER SPUR		
X-Sec. No.	Notes Chkd.	Checked	Survey by V. Anderson	Notes Anderson	Date 7-1-58
	Date	Date	Map No.	Indexed C. Johnson	Date 7-9-58

J.N. 0021.83

BENCHMARK ELEVATIONS
ON
SILVER SPUR LANDSLIDE

7-1-58

V. ANDERSON
J. BAZEN
R. TURRILL
T.C. PETERSON
K.F. TUXFORD

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

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761298 S & E #307 9-54

76L298 S & E #307 9-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. #50-6	1162	1044 714		1043552	B.M. #50-6 - EL = 1043.552 - CRENSHAW BLVD., ELY. SIDE 0.45 MI. S. E. of SILVER SPUR RD. NEAR JCTN. of PROP. ALIGN. of CRENSHAW BLVD. 55.0 FT. EAST OF ℄ r. of PAV., 4.3 FT. W. of P.P. #1082401E, A STD. C.S. MON. STAMPED "B.M. 50-6 1956 RE 5869" IN 12" CONC. POST FLUSH - per F.B 2400-12
(40') T.P.	1.409	1034701	11.422	1033292	
(45') A-6	1.161	1029422	6440	1028261	
(50') T.P	3.093	1022245	10.270	1019152	
(50') A-5	1.622	1017300	6.567	1015678	3/4" I.P. plug & Tag Flush per pg 8
(30) T.P.	3.401	1012359	8342	1008958	
(60') A-4	1.867	1007636	6.590	1005769	3/4" I.P. Conc plug & Tag Flush per pg 7
(50)' T-P	2.667	1002990	7.313	1000323	
(100)' A-3	1.468	998557	5901	997089	3/4" I.P. Conc plug & Tag Flush per pg-7
(100') T.P.	1.242	990611	9.188	989369	
(90') T.P.	1.642	983046	9.207	981.404	
(75') T.P.	2.274	977157	8.163	974883	
(75') A-2	3106	973674	6.589	970568	Bt spk & W per pg 7
(110') T.P.	2.026	967698	8.002	965672	
(110') B-1	5.125	964742	8.081	959617	3/4" I.P. Conc plug & Tag Flush per pg 9
(200') T.P.	5.805	962967	7.580	957162	
(100') T.P.	1.324	962612	1.679	961288	
(140') T.P	7.901	964555	5.958	956654	
(150') B-2	2626	960271	6910	957645	2" I.P. conc plug & spk Flush per pg 9
(150') B-3	5901	956432	9740	950531	2" I.P. conc plug & spk " " " 9
(150') B-4	10808	959745	7495	948937	2" I.P. " " " " " " 10

F. B. 2363 Pg. 12
Job No. 0021.83 Division No. 10 Notes Red. Date 7-1-58 Plotted No. Profile
Survey of SILVER SPUR Date Notes Chkd. Checked GOSS No. X-Sec.
Survey by V. Anderson Notes V. Anderson Date
Indexed C. Johnson Date

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		
		959745			H.I. per PG.	
(100') T.P.	6164	960458	5451	954294		
(100') B-5	11085	966862	4.681	955777	2" I.P. Conc plug & Spk	Flush per pg 10
(100') R.P.-B-5A	0355	966678	0.539	966323		
(25') T.P.	1144	956436	11.386	955292		
(50') T.P.	1092	945912	11.616	944820		
(35') T.P.	0.513	934768	11.657	934255		
(40') T.P.	0.959	923756	11.971	922797		
(40') T.P.	0.795	913413	11.138	912618		
(35') T.P.	1.048	902627	11.834	901579		
(35') T.P.	3.528	897472	8.683	893944		
(40') # B.M. 50-4	1.875	889817	9.530	887942	B.M. 50-4 EL=887.961-CRENSHAW BLVD. S'LY SIDE 1.5 MI. S.W. of PALOS VERDES DR. NO, ± 150 N.W. of & OPP. ENT. TO L.A. CO. DETENTION CAMP #7, A STD. C.S. MON. STAMPED "B.M. 50-4 1956 RE. 5869" IN A 12" CONC. POST 4 IN. ABOVE GROUND, 4.3 FT. SW. of P.P. #1082404E - per F.B. 2400-10	
(50') T.P.	2.027	880855	10.989	878828		
(50') T.P	3.465	878042	6.278	874577		
(50') T.B.M. #4			6.833	871209	T.B.M. #4 EL=871.205 CRENSHAW BLVD, N. ELY SIDE, 1.5 MI. S.W. of PALOS VERDES DR. NO, A L&T. IN ℄ of E. CONC. & ROCK HEADWALL OF CULVERT UNDER ENT. TO DETENTION CAMP #7 per. F.B. 2400-10	

Profile Notes Red. Plotted Job No. 80 21.83 Division No. 10 F.B. 2363 Pg. 13
No. Date Date Survey of SILVER SPUR
X-Sec. Notes Chkd. Checked GOSS Survey by L. Anderson Notes Anderson Date 7-1-58
No. Date Date Map No. Indexed C. Johnson

SILVER SPUR RD

Notes Ck'd by	Survey of LANDSLIDE
Map No.	JN 0021.83 Tape Std 54 °F
Office Work	Surveyed by C.K. LIND
Checked	Notes LIND Date 7-58
Date	Indexed A. C. Johnson 5-3-60

F.B. 2363 Pg. 21

J.N. 0021.83

SILVER SPUR RD. LANDSLIDE

HORIZONTAL MEASUREMENTS

JULY 1958
LINO
GUIZADO
FOULGER
HILL
MATHER

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76F309S CE #247—3-57

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

Survey of SILVER SPUR RD. LANDSLIDE
JN 0021.83 Tape Std. EA °F
Surveyed by LIND
Notes LIND Date 7-58
Indexed R. C. Johnson

F. B. 2363 Pg. 23

"A" - LINE

DATE	"P.L." TOTAL SHEAR	"P.L." PERIOD SHEAR	"P.O.S.T." TOTAL SHEAR	"P.O.S.T." PERIOD SHEAR
7-3-58	0.00	0.00	0.00	0.00
7-7-58	0.00	0.00	0.00	0.00
7-8-58	0.00	0.00	0.00	0.00
7-10-58	0.00	0.00	0.00	0.00
7-16-58 NO MORE LINE CHECKS.			0.00	0.00
7-17-58			0.00	0.00
7-21-58			0.00	0.00
7-28-58			0.00	0.00
8-4-58			0.00	0.00
8-11-58			0.00	0.00
8-18-58			0.00	0.00
8-25-58			0.00	0.00
9-2-58			0.00	0.00
9-16-58			0.00	0.00
9-22-58			0.00	0.00
9-29-58			0.00	0.00
10-6-58			0.00	0.00
NO MORE MEAS. DUE TO CONST. WORK.				

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78F209S CE #247—3-57

SILVER SPUR RD

Notes Ck'd by	Survey of LANDSLIDE	F. B. 2363 Pg. 25
Map No.	IN 0021.83 Tape Std 84 °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 7-58	
Date	Indexed A. C. Johnson	

"A" - LINE

P.O.S.T. TO A-6

A-6

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
7-3-58	283.66	0.00	0.00	0.00	0.00
7-7-58	283.66	0.00	0.00	0.00	0.00
7-8-58	283.66	0.00	0.00	0.00	0.00
7-10-58	283.66	0.00	0.00	0.00	0.00
7-14-58	283.66	0.00	0.00	0.00	0.00
7-17-58	283.66	0.00	0.00	0.00	0.00
7-21-58	283.66	0.00	0.00	0.00	0.00
7-28-58	283.66	0.00	0.00	0.00	0.00
8-4-58	283.66	0.00	0.00	0.00	0.00
8-11-58	283.66	0.00	0.00	0.00	0.00
8-18-58	283.66	0.00	0.00	0.00	0.00
8-25-58	283.66	0.00	0.00	0.00	0.00
9-2-58	283.66	0.00	0.00	0.00	0.00
9-16-58	283.66	0.00	0.00	0.00	0.00
9-22-58	283.66	0.00	0.00	0.00	0.00
9-29-58	283.66	0.00	0.00	0.00	0.00
10-6-58	283.66	0.00	0.00	0.00	0.00

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76F309S CE #247—3-57

SILVER SPUR RD.

Notes Ck'd by	Survey of LAND SLIDE	F. B. 2363 Pg. 27
Map No.	JN 0021.83 Tape Std 84 °F	
Office Work	Surveyed by LINO	
Checked	Notes LINO Date 7-58	
Date	Indexed A. C. Johnson	

"A" LINE

A-6 TO A-5

A-5

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
7-3-58	166.01	0.00	0.00	0.00	0.00
7-7-58	166.01	0.00	0.00	+0.06	+0.06
7-8-58	166.01	0.00	0.00	+0.07	+0.01
7-10-58	166.01	0.00	0.00	+0.11	+0.04
7-14-58	166.05	+0.04	+0.04	+0.17	+0.06
7-17-58	166.06	+0.05	+0.01	+0.21	+0.04
7-21-58	166.08	+0.07	+0.02	+0.29	+0.08
7-28-58	166.13	+0.12	+0.05	+0.42	+0.13
8-4-58	166.20	+0.19	+0.07	+0.55	+0.13
8-11-58	166.24	+0.23	+0.04	+0.75	+0.20
8-18-58	166.31	+0.29	+0.06	+1.00	+0.25
8-25-58	166.34	+0.32	+0.03	+1.16	+0.16
9-2-58	166.37	+0.36	+0.04	+1.30	+0.14
9-16-58	166.41	+0.40	+0.04	+1.58	+0.28
9-22-58	166.44	+0.43	+0.03	+1.69	+0.11
9-29-58	166.47	+0.46	+0.03	+1.81	+0.12
10-6-58	166.47	+0.59	+0.13	+1.94	+0.13

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76F309S CE #247—3-57

SILVER SPUR RD

Notes Ck'd by	Survey of LANDSLIDE	F. B. 2363 PG. 39
Map No.	JN 0021.62 Tape Std. 84 °F	
Office Work	Surveyed by LINO	
Checked	Notes LINO Date 7-58	
Date	Indexed R. C. Johnson	

"A" - LINE

A-5 TO: A-4

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR (A-4)	PERIOD SHEAR (A-4)
7-3-58	265.76	0.00	0.00	0.00	0.00
7-7-58	265.76	0.00	0.00	0.00	0.00
7-8-58	265.76	0.00	0.00	0.00	0.00
7-10-58	265.76	0.00	0.00	0.00	0.00
7-14-58	265.71	-0.05	-0.05	0.00	0.00
7-17-58	265.70	-0.06	-0.01	0.00	0.00
7-21-58	265.68	-0.08	-0.02	0.00	0.00
7-28-58	265.62	-0.14	-0.06	0.00	0.00
8-4-58	265.53	-0.23	-0.09	0.00	0.00
8-11-58	265.53	-0.23	0.00	0.00	0.00
8-18-58	265.46	-0.30	-0.07	0.00	0.00
8-25-58	265.39	-0.37	-0.07	0.00	0.00
9-2-58	265.39	-0.37	0.00	0.00	0.00
9-16-58	265.37	-0.39	-0.02	0.00	0.00
9-22-58	265.37	-0.39	0.00	0.00	0.00
9-29-58	265.36	-0.40	-0.01	0.00	0.00
10-6-58	STA A-4 DESTROYED BY CONST.				

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76F309S CE #247—3-57

SILVER SPUR RD

Notes Ck'd by	Survey of LANDSLIDE	F. B. 2363 Pg. 31
Map No.	JN 0021.83 Tape Std 68 °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 7-58	
Date	Indexed A. C. Johnson	

"A" LINE

A-4 TO: A-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR A-3	PERIOD SHEAR
7-3-58	240.88	0.00	0.00	0.00	0.00
7-7-58	240.88	0.00	0.00	0.00	0.00
7-8-58	240.88	0.00	0.00	0.00	0.00
7-10-58	240.88	0.00	0.00	0.00	0.00
7-14-58	240.88	0.00	0.00	0.00	0.00
7-17-58	240.88	0.00	0.00	0.00	0.00
7-21-58	240.88	0.00	0.00	0.00	0.00
7-28-58	240.88	0.00	0.00	0.00	0.00
8-4-58	240.88	0.00	0.00	0.00	0.00
8-11-58	240.88	0.00	0.00	0.00	0.00
8-18-58	240.88	0.00	0.00	0.00	0.00
8-25-58	240.88	0.00	0.00	0.00	0.00
9-2-58	240.88	0.00	0.00	0.00	0.00
9-16-58	240.88	0.00	0.00	0.00	0.00
9-22-58	240.88	0.00	0.00	0.00	0.00
9-29-58	240.88	0.00	0.00	0.00	0.00
10-6-58	STA	A-3	DESTROYED	BY	CONST.

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76F309S CE #247—3-57

SILVER SPUR RD

Notes Ck'd by	Survey of LANDSLIDE	F. B. 2363	PG. 33
Map No.	JN 0021.83 Tape Std 84 °F		
Office Work	Surveyed by LINO		
Checked	Notes LINO Date 7-58		
Date	Indexed C. Johnson		

"A" LINE

"A - 2"

R.P. TO B-5

DATE	TOTAL SHEAR	PERIOD SHEAR	TOTAL SHEAR	PERIOD SHEAR
7-3-58	0.00	0.00	0.00	0.00
7-7-58	0.00	0.00	0.00	0.00
7-8-58	0.00	0.00	0.00	0.00
7-10-58	0.00	0.00	0.00	0.00
7-17-58	0.00	0.00	+0.05	+0.05
7-21-58	0.00	0.00	+0.07	+0.02
7-28-58	0.00	0.00	+0.07	0.00
8-4-58	0.00	0.00	+0.07	0.00
8-11-58	0.00	0.00	+0.05	-0.02
8-18-58	0.00	0.00	+0.07	+0.02
8-25-58	0.00	0.00	+0.07	0.00
9-2-58	0.00	0.00	+0.07	0.00
9-16-58	0.00	0.00	+0.05	-0.02
9-22-58	0.00	0.00	+0.03	-0.02
"A-2" DESTROYED BY CONST.			+0.03	0.00
9-29-58			+0.03	0.00
10-14-58			+0.03	0.00
10-27-58			+0.03	0.00
11-10-58			+0.03	0.00

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

Do not extend notes this side of this line.

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

76FS095 CE #247—3-57

SILVER SPUR RD.

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

Survey of LANDSLIDE
JN 6021 33 Tape Std. 64 °F
Surveyed by LINO
Notes C.K.L. Date 7-58
Indexed A. C. Johnson

F. B. 2363 PG. 35

"B" LINE

R.P. TO: B-5

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR (B-5)	PERIOD SHEAR
7-3-58	100.86	0.00	0.00	0.00	0.00
7-7-58	100.86	0.00	0.00	0.00	0.00
7-8-58	100.86	0.00	0.00	0.00	0.00
7-10-58	100.86	0.00	0.00	0.00	0.00
7-14-58	100.86	0.00	0.00	0.00	0.00
7-17-58	100.86	0.00	0.00	+0.05	+0.05
7-21-58	100.86	0.00	0.00	+0.05	0.00
7-28-58	100.86	0.00	0.00	+0.05	0.00
8-4-58	100.86	0.00	0.00	+0.05	0.00
8-11-58	100.86	0.00	0.00	+0.04	-0.01
8-18-58	100.86	0.00	0.00	+0.04	0.00
8-25-58	100.86	0.00	0.00	+0.04	0.00
9-2-58	100.86	0.00	0.00	+0.04	0.00
9-16-58	100.86	0.00	0.00	+0.02	-0.02
9-22-58	100.86	0.00	0.00	0.00	-0.02
9-29-58	100.86	0.00	0.00	0.00	0.00
10-6-58	100.86	0.00	0.00	0.00	0.00
10-14-58	100.86	0.00	0.00	0.00	0.00
10-27-58	100.86	0.00	0.00	0.00	0.00
11-3-58	100.86	0.00	0.00	0.00	0.00
11-10-58	100.86	0.00	0.00	0.00	0.00

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

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

78F309S CE #247—3-57

SILVER SPUR RD

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

Survey of LANDSLIDE
JN 0621-83 Tape Std 84 °F
Surveyed by LINO
Notes LINO Date 7-58
Indexed C. Johnson

F. B 2363 Pg. 37

"B" LINE

B-5 TO: B-4 "ROCKS" B-4

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
7-3-58	297.72	0.00	0.00	0.00	0.00
7-7-58	297.68	-0.04	-0.04	+0.29	+0.29
7-8-58	297.66	-0.06	-0.02	+0.32	+0.03
7-10-58	297.63	-0.09	-0.03	+0.48	+0.16
7-14-58	297.61	-0.11	-0.02	+0.76	+0.28
7-17-58	297.61	-0.11	0.00	+1.01	+0.25
7-21-58	297.57	-0.15	-0.04	+1.35	+0.34
7-28-58	297.50	-0.22	-0.07	+1.84	+0.49
8-4-58	297.47	-0.25	-0.03	+2.53	+0.69
8-11-58	297.41	-0.31	-0.06	+3.20	+0.67
8-18-58	297.18	-0.54	-0.23	+4.25	+1.05
8-25-58	297.14	-0.58	-0.04	+4.80	+0.55
9-2-58	297.05	-0.67	-0.09	+5.29	+0.49
9-16-58	296.93	-0.79	-0.12	+6.22	+0.93
9-22-58	296.88	-0.84	-0.05	+6.59	+0.37
9-29-58	296.79	-0.93	-0.09	+6.99	+0.40
10-6-58	296.79	-0.93	0.00	+7.36	+0.37
10-14-58	296.79	-0.93	0.00	+7.60	+0.24
10-27-58	296.74	-0.98	-0.05	+7.68	+0.08
11-3-58	296.76	-0.96	+0.02	+7.69	+0.01
11-10-58	296.75	-0.97	-0.01	+7.67	-0.02

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RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3095 CE #247—3-57

SILVER SPUR RD

Notes Ck'd by	Survey of LAND SLIDE
Map No.	JN 0021.87 Tape Std 54 °F
Office Work	Surveyed by LIND
Checked	Notes C.H.L. Date 7-58
Date	Indexed A. C. Johnson

F. B. 2363 Pg. 39

B- LINE

B-4 TO: B-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR (B-3)	PERIOD SHEAR
7-3-58	295.82	0.00	0.00	0.00	0.00
7-7-58	295.85	+0.03	+0.03	0.00	0.00
7-8-58	295.87	+0.05	+0.02	0.00	0.00
7-10-58	295.89	+0.07	+0.02	0.00	0.00
7-14-58	295.95	+0.13	+0.06	0.00	0.00
7-17-58	295.95	+0.13	0.00	+0.04	+0.04
7-21-58	295.99	+0.17	+0.04	+0.07	+0.03
7-28-58	296.06	+0.24	+0.07	+0.06	-0.01
8-4-58	296.19	+0.37	+0.13	+0.06	0.00
8-11-58	296.34	+0.52	+0.15	+0.05	-0.01
8-18-58	296.44	+0.62	+0.10	+0.05	0.00
8-25-58	296.55	+0.73	+0.11	+0.05	0.00
9-2-58	296.63	+0.81	+0.08	+0.05	0.00
9-16-58	296.84	+1.02	+0.21	+0.03	-0.02
9-22-58	296.85	+1.02	+0.00	+0.02	-0.01
9-29-58	296.94	+1.11	+0.09	+0.02	0.00
10-6-58	296.98	+1.15	+0.04	+0.02	0.00
10-14-58	297.00	+1.17	+0.02	+0.02	0.00
10-27-58	297.00	+1.17	0.00	+0.01	-0.01
11-3-58	297.08	+1.25	+0.08	0.00	-0.01
11-10-58	297.11	+1.28	+0.03	0.00	0.00

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

76F3098 CE #247—8-57

SILVER SPUR RD

Notes Ck'd by	Survey of
Map No.	JN 002183 Tape Std 84 °F
Office Work	Surveyed by C.K. LINO
Checked	Notes LINO Date 7-58
Date	Indexed A. C. Johnson

F. B. 2368 PG. 41

"B" LINE

B-3 TO: B-2

B-2

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
7-3-58	285.99	0.00	0.00	0.00	0.00
7-7-58	285.99	0.00	0.00	0.00	0.00
7-8-58	285.99	0.00	0.00	0.00	0.00
7-10-58	285.99	0.00	0.00	0.00	0.00
7-14-58	285.99	0.00	0.00	0.00	0.00
7-17-58	285.99	0.00	0.00	+0.04	+0.04
7-21-58	285.99	0.00	0.00	+0.06	+0.02
7-28-58	285.99	0.00	0.00	+0.06	0.00
8-4-58	285.99	0.00	0.00	+0.06	0.00
8-11-58	285.99	0.00	0.00	+0.05	-0.01
8-18-58	285.99	0.00	0.00	+0.06	+0.01
8-25-58	285.99	0.00	0.00	+0.06	0.00
9-2-58	285.99	0.00	0.00	+0.06	0.00
9-16-58	285.99	0.00	0.00	+0.03	-0.03
9-22-58	285.99	0.00	0.00	+0.02	-0.01
9-29-58	285.99	0.00	0.00	+0.02	0.00
10-6-58	285.99	0.00	0.00	+0.02	0.00
10-14-58	285.99	0.00	0.00	+0.02	0.00
10-27-58	285.99	0.00	0.00	+0.02	0.00
11-3-58	285.99	0.00	0.00	+0.02	0.00
11-10-58	285.99	0.00	0.00	+0.02	0.00

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S GE #247—3-57

SILVER SPUR RD.

Notes Ck'd by	Survey of: LANDSLIDE	F.B. 2363 PG. 43
Map No.	JN 0021.83 Tape, Std. °F	
Office Work	Surveyed by LINO	
Checked	Notes LINO Date 7-14-58	
Date	Indexed A. C. Johnson 7-14-58	

U.N. 0021.83

SILVER SPUR ROAD LANDSLIDE

LOCATION

OF

"MAIN" CRACK

7-14-58
LINO
GUIZADO
FOULGER
HILL
MATHER

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

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RETURN TO
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76F309S CE #247—3-57

RETURN TO
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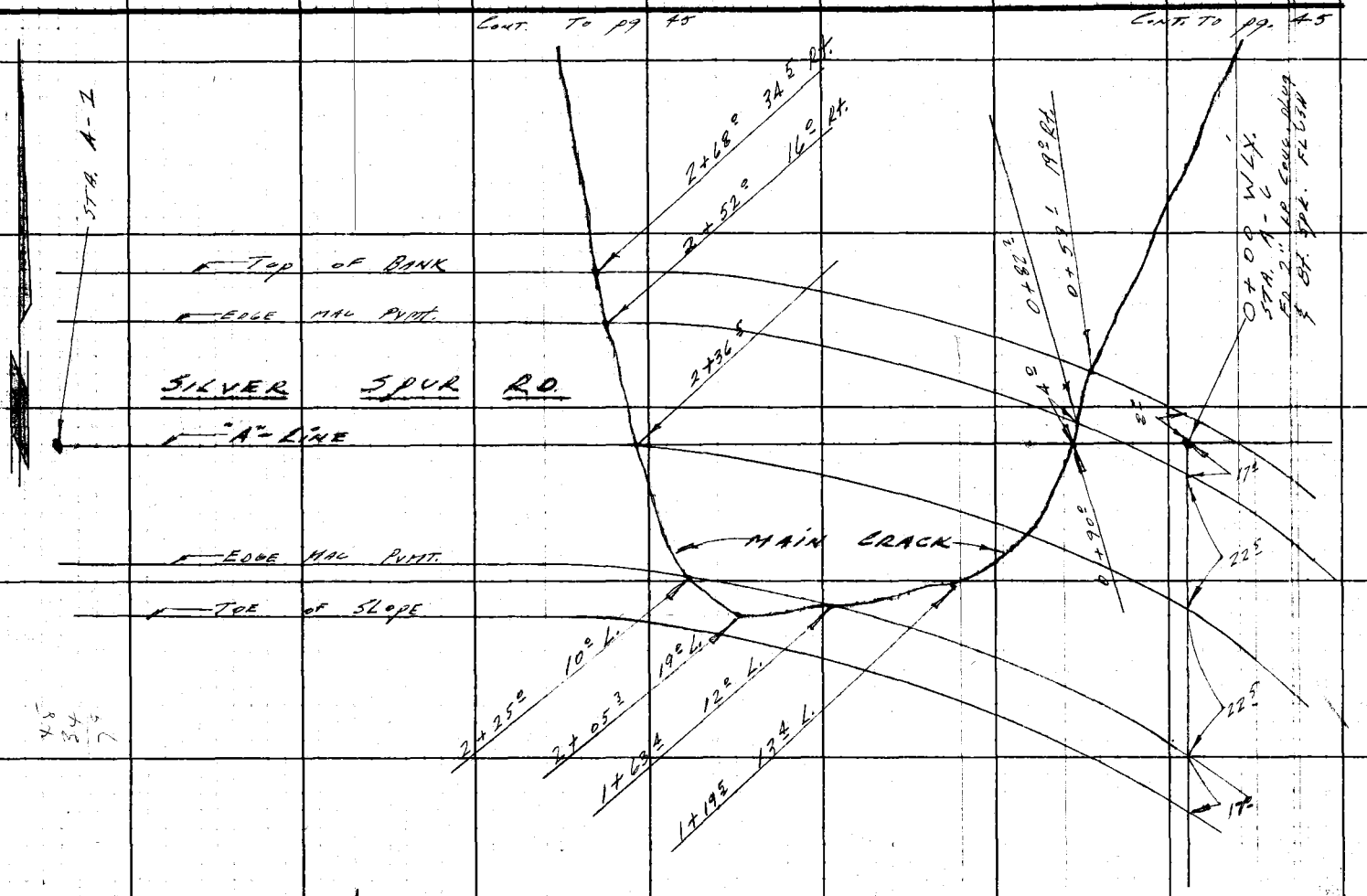
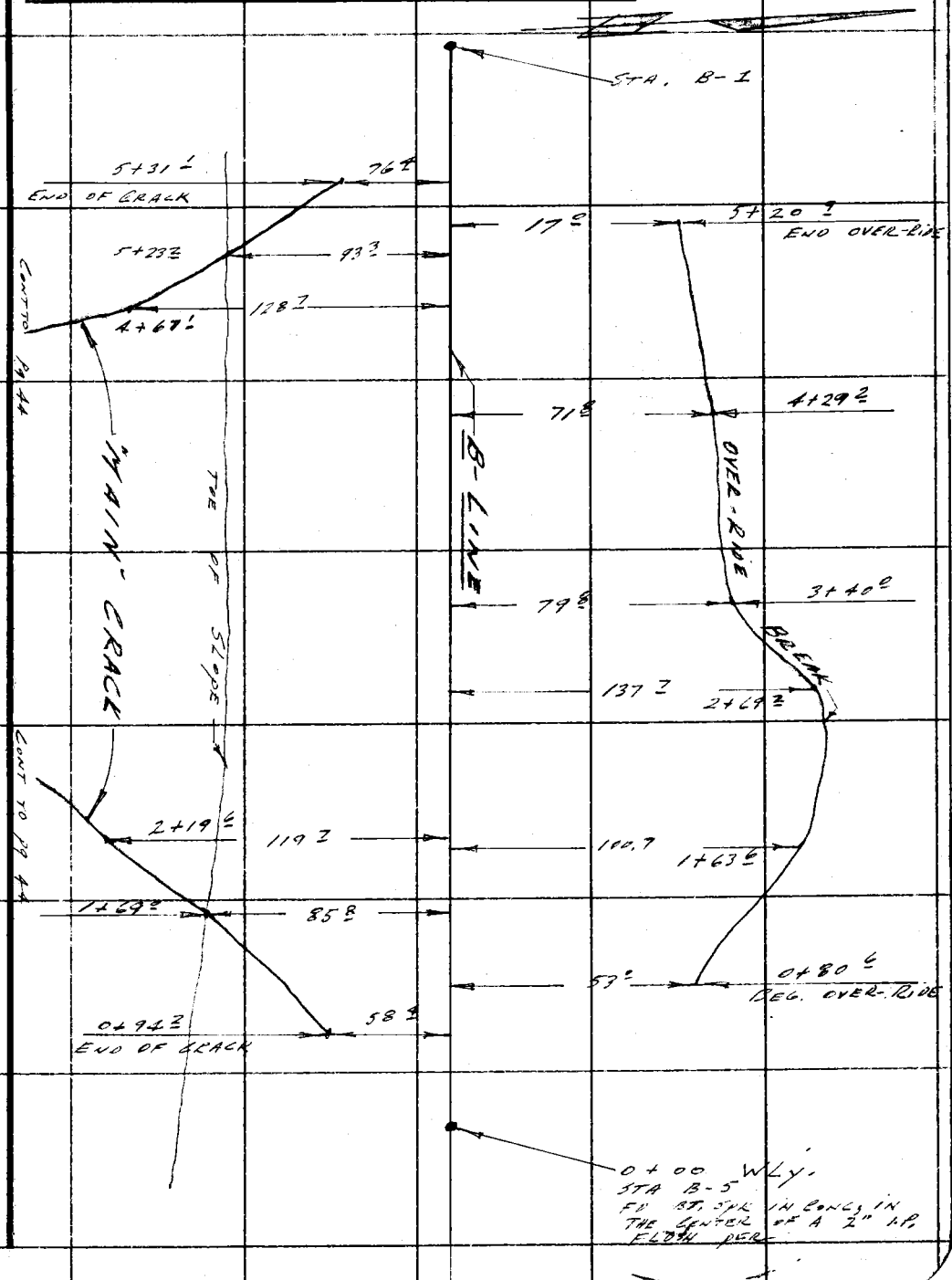


F.B. 2363 Pg. 44

Silver Spur Rd

Notes Ck'd by	Survey of Landslide
Map No.	W. O. 0021.87 Tape No. St'd. °F
Office Work	Surveyed by Lino
Checked	Notes Lino Date 7-14-58
Date	Indexed A. C. Johnson

F. B. 2363 Pg. 45



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

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

76F3095 S&E #247. 8-54

76298 S & E #307—7-55

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.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Silver Spur Rd Landslide 7-10-58
B.M. 50-4	11283	899244		887961	B.M. 50-4, EL= 887.961, PER. FB2400-10
T.P.	11492	908454	2282	896962	
T.P.	11181	916938	2697	905757	
T.P.	11005	926363	1580	915358	
T.P.	10788	935331	1820	924543	
T.P.	11020	945321	1030	934301	
T.P.	11527	955246	1602	943719	
T.P.	11062	964606	1702	953544	
TP	3880	967344	1142	963464	
RP TO B-5			1000	966534	
STA. B-5	2740	958537	11547	955797	
STA B-4	8838	957817	9558	948979	"Rocks"
STA B-3	11610	962165	7262	950555	
STA B-2	10858	968513	4510	957655	
T.P.	10912	979230	0195	968318	
T.P.	10320	989089	0461	978769	
T.P.	10992	999880	0195	988894	
T.P.	8718	1008159	0445	999444	
STA A-3			11048	997111	
STA A-4	8241	1014040	2360	1005799	
T.P.	9225	1021607	1658	1012982	

Profile Notes Red. ____ Plotted ____ Job No. 0071.89 Division No. 10 F.B. 7363 Pg. 153
No. ____ Date ____ Date ____ Survey of Silver Spur Rd Landslide
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 7-10-58
No. ____ Date ____ Date ____ Map No. ____ Index H. C. Johnson 7-11-58

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		1021 607				
STA - A-5			6041	1015 51		
T.P.	11361	1032 64	0322	1021 285		
STA A-6			4352	1028 294		
T.P.	10116	1042 05	0711	1031 935		
T.P.	5642	1046 283	1410	1040 64		
BM 50-6			2280	1043 [illegible]	B.M. 50-6, EL=1043.552, F.B. 2400-12	

F. B. 2363 Pg. 154 Job No. 0021.83 Division No. 10 Notes Red. Plotted Profile
Survey of SILVER SPUR RD LANDSLIDE Date Date No.
Survey by LIND Notes LIND Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Silver Spur Rd Landslide 7-17-58
B.M. 50-4	11770	899731		887961	B.M. 50-4, EL = 887.961 F.B. 2400-12
T.P.	11752	908721	2762	896969	
T.P.	11670	917430	2921	905760	
T.P.	11280	927849	0861	916569	
T.P.	11148	938404	0593	927256	
T.P.	11768	949787	0385	938019	
T.P.	11359	960898	0248	949539	
T.P.	9005	969377	0526	960372	
R.P. TO B-5			3015	966362	
T.P.	2353	959932	11798	957579	
STA. B-5			4122	955810	
STA B-4	8895	957944	10878	949054	
STA B-3	11825	962384	7388	950561	
STA B-2	10919	968590	4715	957671	
T.P.	11261	979591	0260	968330	
T.P.	10584	989368	0807	978784	
T.P.	11661	1000573	0456	988912	
T.P.	8399	1007859	1113	999460	
STA A-3			10731	997128	
" A-4	10600	1016414	2045	1005814	
" A-5	11988	1027033	1369	1015045	

Profile Notes Red. ____ Plotted ____ Job No. 0021.83 Division No. 10 F.B. 2363 Pg. 155
No. ____ Date ____ Date ____ Survey of Silver Spur Rd. Landslide
X-Sec. Notes Chkd. ____ Checked C. R. GOSS Survey by Lino Notes Lino Date 7-17-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson 7-18-58

76298 S & E #307—7-55

1043.552

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		1027 0331				
T.P.	11401	1035928	2506	1024527		
STA A-6			7612	1028316		
T.P.	9568	1044862	0634	1035294		
BM-50-6			1242	1043620	B.M. 50-6,	EL = 1043.552
						FB 2400-10

F. B. 2363 Pg. 156 Job No. 0021.83 Division No. 10 Notes Red. Plotted Profile
Survey of Silver Spur Rd. Landslide Date Date No.
Survey by Lind Notes Lind Notes Chkd. Checked C. R. GOSS X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

TBM#6 955.445 -11

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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.	Silver Spur Landslide 7-24-58
B.M. 50-5	4859	959971		955112	B.M. 50-5, EL= 955.112, PER. F.B. 2400-11
T.P.	6467	963129	3309	956662	
B-1			3521	959608	
T.B.M.# 6			7679	955450	T.B.M. #6, EL= 955.455, FB 2400-11
T.P.	8349	971237	0241	962888	
A-2	9529	980102	0664	970573	
T.P.	9729	989141	0730	979372	
T.P.	9243	997869	0515	988626	
A-3	9491	1006592	0768	997101	
A-4	10284	1016075	0801	1005791	
A-5	10999	1025535	1539	1014536	
T.P.	11567	1036375	0791	1024744	
A-6			8025	1028238	
T.P.	11668	1046933	1048	1036264	
BM 50-6	3675	1047260	3348	1043585	B.M. 50-6 EL=1043.552 FB 2400-12
T.P.	0341	1035683	11915	1035342	
T.P.	0199	1024521	11361	1024322	
T.P.	0869	1013558	11832	1012689	
T.P.	0707	1003193	11072	1002480	
T.P.	0784	992042	11935	991258	
T.P.	0465	981022	11485	980557	

Profile Notes Red. ____ Plotted ____ Job No. 002183 Division No. 10 F.B. 2363 Pg. 157
No. ____ Date ____ Date ____ Survey of Silver Spur Rd Landslide
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lino Notes Lino Date 7-24-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. [illegible] 7-25-58

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		981 022				
T.P.	1152	971 126	11 048	969974		
R.P. To B-5			4790	966336		
T.P.	1777	961 334	11 569	959557		
B-5			5549	955785		
T.P.	7099	957 768	10 655	950669		
B-4			8680	949088	"Rocks"	
B-3	10568	962103	7233	950535		
B-2	9145	966799	3449	957654		
T.P.	4035	962 393	8441	958358		
T.P.	6649	965261	3781	958612		
T.P.	9988	967279	7970	957291		
T.B.M. #6			11835	955444	T.B.M. #6 ELEV = 955.445	

F. B. 2363 Pg. 158 Job No. 0024 Division No. 10 Notes Red. Plotted Profile
Survey of Sidewalk Notes Date Date No. X-Sec.
Survey by Line Notes Chkd. Checked
Indexed C. Johnson Date Date No.

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Silver Spur Rd.	8-4-58
BM-50-5	5 983	961 095		955 112	BM 50-5 ELEV =	955.112
Sta B-1	5 567	965 172	1 490	959 605		
TBM #6			9 729	955 443	TBM #6 ELEV =	955.445
T.P.	6 636	971 479	0 329	964 843		
Sta A-2	10 071	980 634	0 916	970 563		
T.P.	10 349	989 702	1 281	979 353		
T.P.	9 768	998 381	1 089	988 613		
Sta A-3	9 252	1006 339	1 294	997 087		
" A-4	9 885	1015 655	0 569	1005 770		
" A-5	10 830	1024 520	1 965	1013 690		
T.P.	10 775	1034 866	0 429	1024 091		
Sta A-6	10 289	1038 554	6 601	1028 265		
T.P.	11 168	1046 419	3 303	1035 251		
BM 50-5	3 550	1047 124	2 845	1043 574	BM 50-5 ELEV =	1043.552
T.P.	0 863	1036 937	11 050	1036 074		
T.P.	1 022	1026 031	11 928	1025 009		
T.P.	0 292	1015 296	11 027	1015 004		
Sta P.O.S.T			8 092	1007 204		
T.P.	0 380	1003 936	11 740	1003 556		
T.P.	0 215	992 396	11 755	992 181		
T.P.	0 371	980 912	11 855	980 541		

Profile Notes Red. ____ Plotted ____ Job No. 0021.83 Division No. 10 F. B. 2363 Pg. 153
No. ____ Date ____ Date ____ Survey of Silver Spur Rd. Landslide
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lino Notes ACG Date 8-4-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date AUG 8 '58

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		980.912				
T.P.	0848	970471	11 289	969 623		
sta R.P.B-5			4 154	966 317		
TP	2 809	961 607	11 673	958 798		
sta. B-5			5 841	955 766		
T.P.	5 568	956 347	10 828	950 779		
sta B-4			7 173	949 174		
B-3	9 885	960 403	5 829	950 518		
B-2	10 242	967 876	2 769	957 634		
T.P.	0 862	967 329	1 409	966 467		
T.P.	7715	968 344	6 700	960 629		
T.P.	0 521	965 350	3 515	964 829		
TBM #6			9 912	955 438	TBM #6	ELEV = 955.445

F. B. 2363 Pg. 160 Job No. 002183 Division No. 10 Notes Red. Plotted Profile
Survey of Silver Spur Rd Landslide Date Date No. X-Sec.
Survey by Lino Notes ACG Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	Silver Spur Rd. Landslide 8-18-58		
B.M. 50-5	7369	962.481		955.112	B.M. 50-5, EL 955.112	per F.B.	F.B. 2400-11
STA. 5-2	5444	965.050	2869	959.612			
T.B.M. # 6	10260	965.703	9613	955.44	T.B.M. 6 EL =	955.445	F.B. 2400-11
T.P.	10540	972.363	0850	964.82			
STA "A"-2	10647	981.211	2301	970.562	T. B. M. Field	EL. = 970.562	
T.P.	10752	990.102	1854	977.33			
T.P.	11245	1000.059	1495	988.607			
STA A-3			2872	997.058			
T.P.	10351	1009.850	1550	999.605			
STA A-4			4089	1005.767			
T.P.	11248	1020.545	0550	1009.84			
STA A-5			8560	1012.03			
T.P.	11726	1031.780	0537	1020.058			
STA A-6			3522	1028.264			
T.P.	11514	1042.599	0701	1031.035			
T.P.	6327	1046.109	3317	1039.282			
B.M. 50-6			2542	1043.467	B.M. 50-6 EL =	1043.552,	F.B. 2400-12
T.P.	0401	1054.653	11930	1034.177			
T.P.	0399	1023.244	11745	1022.84			
T.P.	1106	1013.282	11060	1012.190			
T.P.	0921	1002.440	11761	1001.525			

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 002183 Division No. 10 F. B. 2363 Pg. 161
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked C. R. GOSS Date ____ Survey of Silver Spur Rd. Landslide Survey by Line Notes ____ Date 8-18-58
Map No. ____ Indexed ____ Date ____ Indexed C. C. Johnson 12-19-58

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		1002 446				
T.P.	1317	992 023	11 740	990 706		
T.P.	0 703	980 835	11 891	980 132		
T.P.	0 675	970 302	11 211	969 624		
R.P. TO B-5			3 981	966 321		
T.P.	2267	961 064	11 305	958 797		
STA B-5			5 287	955 777		
STA B-4	6141	955 509	11 696	943 365		
STA B-3	10 015	960 543	4 981	950 528		
STA B-2	8 394	966 042	2 895	957 648		
T.P.	4 009	967 811	2 240	963 802		
T.P.	8 701	969 333	7 179	960 632		
T.P.	4 140	967 203	6 270	963 063		
T.B.M. #6			11 749	955 454	T.B.M. #6 EL= 955.455	F.B. 2400-11

F. B. 2363 Pg. 162 Job No. 0021.33 Division No. 10 Notes Red. Plotted Profile
Survey of Silver Lake Sanitation Date Date No.
Survey by Lino Notes Notes Chkd. Checked C. R. GOSS X-Sec.
Indexed C. Johnson Date Date No.

11 2 11

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Silver Spur Rd.	Landslide 9-4-58
T.B.M. A-2	9847	980409		970562	T.S.M. A-2, EL= 970.562	
T.P.	10664	990016	1057	979352		
T.P.	11037	999650	1403	988613		
sta. A-3			2561	997089		
T.P.	11121	1010631	0140	999510		
sta. A-4			4863	1005768		
T.P.	10918	1020268	1281	1009350		
sta. A-3			9434	1010834		
T.P.	11949	1032015	0202	1020066		
sta. A-6			3738	1028277		
T.P.	12186	1043281	0920	1031095		
T.P.	7437	1046731	3987	1039294		
BM 50-6			3156	1043575	BM 50-6 ELEV	1043.55
T.P.	0310	1035863	11178	1035553		
	0102	1024072	11893	1023970		
	0611	1013578	11105	1012967		
	0460	1002935	11103	1002475		
	0075	991512	11498	991437		
	0560	980704	11368	980144		
	0857	970489	11072	969632		
sta RPB-5			4161	966328		

Profile Notes Red. ____ Plotted ____ Job No. 0021.83 Division No. 10 F. B. 2363 Pg. 163
No. ____ Date ____ Date ____ Survey of Silver Spur Rd. Landslide
X-Sec. Notes Chkd. ____ Checked C. R. GOSS Survey by Lino Notes Mill Date 9-4-58
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date 9-10-58

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		970 489				
T.P.	2 725	962 526	11 688	958 301		
Sta B-5			5 747	955 779		
B-4	9 343	958 846	12 023	949 503		
B-3	12 084	967 613	8 317	950 529		
B-2	11 733	969 360	4 986	957 627		
TP	7 613	976 738	0 235	969 [illegible]		
TP	11 533	985 955	2 316	974 [illegible]		
TP	1 130	980 471	6 614	979 341		
TBM A-2			9 919	970 552	TBM A-2 ELEV = 970·562	

F. B. 2363 Pg. 164 Job No. 0021.83 Division No. 10 Notes Red. Plotted Profile
Survey of Silver Spur Rd. Landslide Date Date No. X-Sec.
Survey by Lind Notes Hill Notes Chkd. Checked C. R. GOSS
Indexed X C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	11-10-58 SILVER SPUR RD LANDSLIDE
B.M. 50-6	1000	1042558		1043.552	B.M. 50-6, El = 1043.552
T.P.	0640	1034331	10875	1033655	FR 2405-12
T.P.	0424	1023115	11645	1022684	
T.P.	0777	1012688	11204	1011911	
T.P.	0553	1002031	11180	1001509	
T.P.	0134	1000655	10170	1000121	
T.P.	0412	980746	11803	980294	
T.P.	0532	969 [illegible]	[illegible]	[illegible]	
R.P. 108-5			[illegible]	1000282	
T.P.	[illegible]	[illegible] 970	[illegible]	[illegible]	
STA B-5			[illegible]	[illegible]	
T.P.	7274	954635	11365	947611	
STA B-4	7591	957234	5237	949649	
STA B-3	10842	961326	6755	950484	
STA B-2			3720	957605	
T.P.	11888	972782	0432	962594	
T.P.	11118	983222	0675	972104	
T.P.	11314	994001	0535	982687	
T.P.	11504	1005138	0727	993634	
T.P.	11698	1016344	0492	1004646	
T.P.	11083	1027125	0302	1016044	

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 2021.55 Division No. 10 F. B. 2265 Pg. 145
Date _____ Date _____ Survey of SILVER SPUR RD LANDSLIDE
X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by _____ Notes _____ Date 11-10-58
Date _____ Date _____ Map No. _____ Index No. _____ C. Johnson Date 11-13-58

F. B. 2365 Pg. 166 Job No. 002153 Division No. 10 Notes Red. Plotted Profile

Survey of SILVER SPUR Rd. LANDSLIDE Date Date No.

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

Indexed A. C. Johnson Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.
		1027.125		
T.P.	11018	1037.608	0535	1026.590
T.P.	8818	1025.243	0783	1032.525
B.M. 50-6			2105	1043.540

B.M. 50-6 EL = 1043.552

76298 S & E #307—7-55

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Do not extend notes this side of this line. cont From 2318

STATION	B. S.	H. I.	F. S.	ELEV.	P. BENO LANDSLIDE LINE #2 2-17-59
[illegible]	2702	473 177		470 475	SIA OLD, ELE 470.475
T.P.	0 482	462 091	11582	461 575	
T.P.	0841	452 018	10 964	451 177	
T.P.	0364	441 274	11108	440 910	
T.P.	0360	429 799	11 835	429 439	
T.P.	1095	419 627	11 267	418 532	
T.P.	4274	412 [illegible]	11 888	407 739	
T.P.	3665	410 040	5635	406 375	
T.P.	5871	405 047	5870	404 177	
P.O.#9	5667	407 997	2921	404 124	
T.P.	5925	[illegible]	3672	404 277	
T.P.	6026	415 338	2312	[illegible]	
P.I. #5A			4721	405 417	
T.P.	5950	415 640	3443	409 590	
T.P.	0449	409 767	6520	409 318	
T.P.M.#30	0328	406 144	4453	405 314	
T.P.	3868	404 280	5730	400 412	
T.P.	6315	407 734	2663	401 617	
T.P.	6891	410 734	4103	403 832	CAN NOT FIND P.I. 4-A OUT
T.P.	11820	420 734	1802	408 915	TO RAIN & MUD
T.P.	7043	424 701	2872	417 863	

Profile Notes Red. Plotted Job No. 2WC116 Division No. 10 F. B. 2363 Pg. 1
No. Date Date Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. Checked Survey by [illegible] Notes Line Date 2-17-59
No. Date Date Map No. Index No. Date 2-26-59

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		424 902				
T.P.	5795	425 961	4748	420 162		
T.P.	2 963	424 179	4148	421 613		
S.P. Hill 3-7						
R. M. # 1			3 121	421 675		
S.P. Hills 6-7			4070	420 704		
R. M. # 2			3010	421 169		
T.P.	1142	415 778	10160	414 636		
T.P.	0815	404 714	11 350	403 899		
T.P.	0214	396 010	6912	395 802		
T.P.	0600	395 222	10400	395 616		
T.P.	2760	380 724	8025	377 964		
R.M. # 3	0 670	373 512	8 [illegible]	[illegible]		
T.P.	1393	363 268	11705	361 875		
T.P.	1799	354 665	10 639	352 866		
T.P.	2 287	345 [illegible]	11 208	343 379		
R.M. # 2A			[illegible]	[illegible]		
R.M. # 1	2 021	337 559	10 248	335 538		
T.P.	BEC	STRA	LINE	TO SP. HILLS	A-7A	
T.P.	0667	327 026	11 216	326 359		
T.P.	0 693	316 456	11 257	315 763		
T.P.	0 682	305 756	11 382	305 074		

F. B. 2763 Pg. 162 | Job No. [illegible] | Division No. 10 | Notes Red. | Plotted | Profile
Survey of [illegible] | Notes [illegible] | Date | No. | X-Sec.
Survey by L. C. Johnson | Notes Chkd. | Checked
Indexed | Date | Date | No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		305 756				
T.P.	0 704	295 012	11 448	294 308		
T.R.	9 [illegible]	294 975	9 [illegible]	285 169		
Sp. Hills 47A Ecc 1.			6 [illegible]	288 169	✓	
Sp. Hills H-7A			6 582	288 393	✓	
		End	Side	Line		
P.I. #1	0 178	335 716		335 [illegible]	* ✓	
T.P.	1 474	327 690	9 500	326 216		
T.P.	0 993	317 722	10 961	316 729		
T.P.	1 319	307 493	11 548	306 174		
T.P.	0 562	296 730	11 325	296 168		
B. C.			5 685	[illegible]	✓	
T.P.	1 424	287 242	10 912	285 818		
P.B. # 10	0 900	280 440	7 702	279 540	✓	
T.P.	0 274	269 603	[illegible]	[illegible]		
T.P.	0 288	259 576	10 315	259 288		
T.P.	0 553	249 247	10 912	248 664		
T.P.	0 833	239 598	10 482	238 765		
T.P.	0 895	228 910	11 553	228 015		
T.P.	0 974	218 105	11 779	217 131		
WF. #1			7 650	210 455		

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2363 Pg. 169
No. ____ Date ____ Date ____ Survey of P. D. Land Slide
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lino Notes Lino Date 2-18-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		218 105				
T.P.	0683	207 233	[illegible]	[illegible]		
T.P.	1085	197 287	11 031	196202		
T.P.	0250	186 106	11431	185856		
T.P.	0834	175 109	11831	174275		
T.B.M.# 31			8074	167035	T.B.M. #31	EL = 167.050
					P. B. LANDSLIDE	
T.B.M.					LINE #3	2-18-59
34-15-A	0947	231 934		230.987	T.B.M. 34-15-A	EL = 230.987
T.P.	0473	221 213	11 194	220740		
T.P.	0865	213 387	8691	212522		
K-13			11 641	201742		
T.P.	0907	202 655	11 637	201745		
K-12	1113	193 229	10 539	192116		
K-11	1763	183 119	11 873	181 356		
K-10 A	1026	173 745	10 400	172719		
K-10-B			4075	169 270		
K-10			6274	167471		
K-9 A	6155	169 681	10 252	163 493		
K-9 B			7780	161 901		
K-9	1863	161 163	10 381	159 300		

F. B. 3363 Pg. 170 Job No. 10 Division No. 10 Notes Red. Plotted Profile
Survey of P. B. LANDSLIDE Date Date No.
Survey by LINE Notes Notes Chkd. Checked X-Sec.
Indexed C. Johnson 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.		
		161 [illegible]				
K-5-A			3319	157 844		
K-5-B			5670	155 493		
T.P.	0 [illegible]	151 423	10 420	150 [illegible]		
T.P.	0 [illegible]	[illegible] 055	11 [illegible]	140 [illegible]		
T.P.	11373	141 011	11 [illegible]	129 [illegible]		
	BEG SIDE TO K-5					
STA K-5			5000	136 011		
T.P.	0 [illegible]	130 045		129 [illegible]		
T.P.	1 251	120 689	10 [illegible]	119 438		
W-4	[illegible]	[illegible]	11 751	108 [illegible]		
W-3			[illegible]	110 [illegible]		
K-5 AUX	0 914	102 [illegible]	11 010	101 [illegible]		
T.P.	[illegible]	91 [illegible]	11 [illegible]	91 [illegible]		
K-4	0 572	82 134	9 [illegible]	82 [illegible]		
K-A			4 133	78 801		
K-A-2	0 253	72 274	10 913	72 021		
K-B	2 770	64 861	10 183	62 091		
T.B.M. 28			5402	59 459		
K 6	1 108	57 568	8 401	56 460		
K 3A			1425	56 143		

Profile Notes Red. ____ Plotted ____ Job No. [illegible] Division No. 10 F. B. [illegible] Pg. 771
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible]

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		57 568				
T.P.	1178	48 106	10 640	46 928		
T.P.	1259	39 245	10 120	37 986		
T.B.M. 27 Aug 2			4100	35 145		
K-2 A			6467	32 778	NEW POINT	
T.P.	0183	27 777	11 651	27 594		
T.P.	2071	20 753	9095	18 682		
CLUB-HOUSE			2345	18 408	NEW POINT	
T.P.	7660	23 380	5 655	15 720		
T.B.M-26 B			8060	15320		
T.B.M-26 C			5730	17 650		
T.B.M 26	7020	23 253	7147	16 233		
T.B.M-26 D			6550	16 103		
T.B.M-26 E			3060	20 193		
T.B.M 26 H			3520	19 723		
T.P.	4026	19 979	7300	15 953		
	1736	11 591	10 124	9 855 *		
		SIDE	LINE	TO	P-B-1	
P.B. 1			3953	7 638		
		END	SIDE	LINE		
T.P.	9640	19 495		9 855 *		

F. B. #363 PG. 172

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

Survey of P.B. LANDSLIDE Date Date No.

Survey by LINE Notes Chkd. Checked X-Sec.

Indexed C. Johnson 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.		
		19 49[illegible]				
T.P.	5 073	22 106	2462	17 033		
P.B. 2-A			7 059	15 047		
T.P.	1190	11 762	11 530	10 576		
T.P.	3 957	9 056	6 667	5 099		
P.B. # 3			4 194	4 862		
P.B. # 5A	5 310	6 096	8 210	0 78[illegible]		
T.P.	4 912	7 680	3 328	2 768		
T.P.	2 703	6 183	4 200	[illegible] 480		
P.B. # 6A			5 8[illegible]	[illegible]	Spk Has Been Hit, Look	
T.P.	6 198	9 941	2 440	[illegible]	to be about .04 Lower	
T.P.	[illegible]	[illegible] 781	6 058	3 883	than in the past.	
P.B. 7			1 948	11 8[illegible]		
T.P.	[illegible]	7 8[illegible]	11 312	2 469		
T.P.	7 953	9 357	[illegible]	1 40[illegible]		
P.B. # 8			1 335	8 022	P.B. # 8 EL =	7.994

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2363 Pg. 173
No. ____ Date ____ Date ____ Survey of P.B. Land Slide
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes [illegible] Date 1-18-59
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

76L-298 S & E #307—1-56

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P.B. LANDSLIDE Lines 5 & 4 2-19-59

STATION	B. S.	H. I.	F. S.	ELEV.
B-1-B	2138	492 [illegible]		470 475
T.P.	2182	463 014	11781	460 832
T.P.	2560	454 10N	11473	451 541
B-1-C	2885	445 21N	11778	442 323
T.P.	1017	454 220	11560	443 649
T.P.	2861	425 457	11540	423 1[illegible]
T.P.	1243	416 388	10852	415 145
P.T. # 1			2[illegible]	414 1[illegible]
T.P.	0656	406 147	10427	405 491
P.T. # 2 Aux	2587	397 312	10[illegible]	395 [illegible]
Beg	Sub	Line		Sub
S.B. # 2	1738	394 164	5485	389 421
S.B. # 2	1324	384 572	7[illegible]	383 [illegible]
T.P.	1018	373 578	11712	372 560
T.P.	0580	362 [illegible]	11805	362 078
S.B. # 3			10048	352 669
End	Sub	Line		
P.T. # 2 Aux	1250	396 779		395 529
P.T. # 3	0358	385 256	11581	384 898
T.P.	2182	377 3[illegible]	10[illegible]	374 [illegible]
P.T. # 4			8457	[illegible]

Profile ____ No. ____ X-Sec. ____
Plotted ____ Date ____ Checked ____ Date ____ No. ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Division No. ____ Job No. ____
Survey of ____
Survey by L. C. Johnson Notes ____
Indexed ____ Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
P.T. # 4	1258	370 116		368 858	*	
	BEG SIDE LINE TO H-LINE					
T.P.	0739	359 127	11728	358 388		
T.P.	0583	348 097	11 617	347 510		
T.P.	0688	338 606	10 175	337 918		
H-2	1088	329 597	10 095	328 508		
T.P.	0714	319 617	10 697	318 899		
H 3			7973	311 640		
	END SIDE LINE					
P.T. # 4	11890	380 748		368 858	*	
	BEG SIDE LINE TO W. FIX.					
T.P.	9528	389 134	1 142	379 606		
T.P.	6545	392 658	3 021	386 113		
T.P.	9359	398 443	3574	389 084		
WEST FIX			4624	393 819		
	END SIDE LINE					
P.T. # 4	0843	369 701		368 858	*	
T.P.	0775	358 861	11615	358 086		
T.P.	0805	349 185	10481	348 380		
P.T. #5	1151	340 963	9373	339 812		
T.P.	0660	331 108	10515	330 448		

Profile Notes Red. ____ Plotted ____ Job No. 00211.64 Division No. 10 F. B. 2363 PG. 175
No. ____ Date ____ Date ____ Survey of R.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]-19-59
No. ____ Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		331 105				
T.P.	0464	319 996	11576	319532		
PT. #6 AUX 2	6347	316 398	7941	312 055	*	
		DEC	SIDE	LINE		
T.P.	5889	320 249	4038	314 [illegible]		
I-1			2748	317 501		
T.P.	0908	310 274	10883	309 366		
T.P.	0889	300 096	11066	299 208		
T.P.	6739	295 067	11768	288 328		
I-2			9324	285 743		
I-3			11874	283 193		
T.P.	11468	302 489	4026	291 021		
BLAKES LEE			0375	302 114		
				302 114		
		END	SIDE	LINE		
PT. #6 AUX 2	1086	313 143		312 055	*	
B.M. "L"			5416	307 727		
T.P.	0780	303 645	10228	302 915		
T.P.	0953	297 517	11131	292 564		
T.P.	2518	286 001	10034	283 483		
T.P.	1390	275 913	11478	274 523		

F. B. 2763 Pg. 176 Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
Survey by [illegible] Notes Notes Chkd. Checked
Indexed C. Johnson 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.		
		235 413				
P.T. # 7			5753	270 160		
T.P.	1067	265 872	11 088	264 825		
T.P.	1 123	25[illegible] 054	10 961	254 931		
T.P.	0 [illegible]	247 590	9 403	246 646		
T.P.	0 781	239 20[illegible]	9 174	238 4[illegible]		
T.P.	1 042	231 343	8 902	2[illegible]		
T.P.	1 473	220 81[illegible]	12 000	219 343		
T.P.	1 110	218 774	11 152	209 664		
B.M. "C"	11 9[illegible]	215 845	6 864	203 110 *		
	BEG. SIDE		LINE TO	K-1		
STA K-1			[illegible]	[illegible]		
BM "C"	[illegible]	204 348		203 110 *		
T.P.	[illegible]	197 71[illegible]	[illegible]	[illegible]		
34-17 A	5 8[illegible]	19[illegible]	4 2[illegible]	193 4[illegible]		
T.P.	1 5[illegible]	19[illegible] 209	[illegible]	194 6[illegible]		
T.P.	6 540	195 905	[illegible]	189 [illegible]		
T.P.	4 2[illegible]	19[illegible]	0 447	195 456 *		
	BEG. SIDE		LINE TO	T.B.M. # [illegible]		
T.P.	0 559	188 [illegible]	11 283	188 378		
T.P.	0 623	180 935	8 605	180 312		

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

F. B. 2363 PG. [illegible]

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		180 935				
T.P.	0698	170 069	11 564	169371		
T.P.	0623	161 623	9 069	161 000		
T.P.	0660	150 603	11 680	149943		
T.P.	[illegible]	[illegible]	10 646	139957		
T.P.	1196	131 [illegible]	[illegible]	129 991		
T.B.M. #25			[illegible]	128 187		
		END SIDE LINE				
T.P.	5638	201 093		195 [illegible]	*	
T.P.	11954	20 5594	7 [illegible]	193 640		
BM "D"			6 909	198 685		
T.P.	11249	216 013	0 830	204 764	*	
		BEG SIDE LINE TO U-1A				
T.P.	11321	226 841	0 493	215 520		
T.P.	11762	237 243	1360	225 481		
T.P.	7320	242 275	2288	234 955		
U-1-A			7715	234 560		
		END SIDE LINE				
T.P.	11119	215 853		204 764	*	
U-1			9 088	206 745		
T.P.	11955	225 557	2281	213 602		

F. S. 2363 Pg. 175

Job No. 0021-64 Division No. 1a Notes Red. Plotted Profile

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

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

Indexed K. C. Johnson Date 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.		
		225 557				
W-3			8189	217 368		
W-4	1290	220 539	[illegible]	219 249		
T.P.	0519	213 287	7771	212 768		
Radial 2	6944	210 842	9387	203 898		
STA W-5			10 008	200 834		
T.P.	4660	205 857	9645	201 197		
TBM #15			7640	198 317		
T.P.	6642	210 159	2340	203 517		
T.P.	6430	213 285	3304	206 855		
T.P.	6070	216 561	2794	210 491		
T.P.	6937	220 904	2587	213 972		
T.P.	6849	[illegible]	2299	218 614		
T.P.	5345	227 737	[illegible]	222 392		
T.P.	5582	230 397	[illegible]	224 815		
T.P.	5687	233 214	2870	227 527		
T.B.M. 34-15 A			2232	230 982	T.B.M 34-15 A	230.987

Profile Notes Red. ____ Plotted ____ Job No. 0021 Division No. 10 F. B. 2363 Pg. 177
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE LINE #2 2-20-59
BM-34-15A	2245	233 232		230.987	BM-34-15A ELEV 230.987
T.P.	3862	232 184	4910	228 322	
T.P.	2937	229 752	5569	226 815	
T.P.	2817	227 538	5031	224 721	
T.P.	[illegible]	223 676	6645	220 893	
T.P.	2159	218 134	7101	215 975	
T.P.	3105	214 519	2720	211 414	
T.P.	2563	211 925	5117	209 402	
BM-50-13	3548	211 528	[illegible]	207 980	
T.P.	11 483	[illegible]	8090	203 438	
T.P.	[illegible]	224 651	[illegible]	214 077	
T.P.	10 975	[illegible]	[illegible]	[illegible]	
T.P.	11 451	245 [illegible]	[illegible]	234 212	
T.P.	[illegible]	257 [illegible]	[illegible]	[illegible]	
T.P.	11 618	266 791	[illegible]	254 973	
T.P.	11 482	277 700	0573	266 218	
T.P.	11 655	288 827	[illegible]	277 172	
T.P.	11 912	297 791	2948	285 879	
T.P.	10 672	306 456	2007	295 784	
T.P.	8 274	314 127	0601	305 855	
SHIELDS	8 083	318 388	3824	310 305	

F. B. 2363 Pg. 180

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

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

Survey by C. Johnson Notes Line Notes Chkd. Checked

Indexed Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		318 388				
T.P.	9105	323 851	3642	314 745		
G-1	11 [illegible]	327 329	8 145	315 706		
A-4			5 142	322 187		
A-3	10 128	334 292	3 165	324 164		
T.P.	10 863	342 445	2 710	331 582		
T.P.	11 787	353 150	1 082	341 363		
T.P.	11 741	363 829	1 062	352 088		
Radial-1	3 158	364 472	2 515	361 314		
T.P.	0 962	355 081	10 353	354 119		
B.M. 50-12			11 767	343 314		
T.P.	11 952	366 653	0 380	354 701		
T.P.	11 488	377 537	0 604	366 049		
T.P.	9 275	384 750	2 062	375 475		
D-2			4 608	380 142		
T.P.	11 353	395 081	1 022	383 728		
T.P.	11 331	406 180	0 232	394 849		
T.P.	10 300	415 809	0 671	405 509		
T.P.	8 102	423 603	0 308	415 501		
T.P.			10 067	413 536 *		
T.P.			0 913	422 690	Beg. Side Line to [illegible]	

Profile Notes Red. ____ Plotted ____ Job No. [illegible] Division No. [illegible]
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Index C. Johnson Date ____

F. B. [illegible] Pg. 181

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
	8482	431 172		422 690		
C-1			2097	429 075		
		END SIDE		LINE		
T.P.	5848	419384		413 536 *		
B-1			6215	413 169		
T.P.	4422	417 828	5978	413 406		
B-1-B			3222	414 606		
T.P.	10 843	425 977	2 698	415 130		
T.P.	11 540	434 666	2 547	423 126		
T.P.	11 562	445 211	1 017	433 649		
B-C			2 888	442 323	B 1-C EL= 442.323 pg.	
			END OF	RUN		
					P- LINE 2-24-59	
T.B.M.# 31	3 403	170 453		167 050		
T.P.	3 258	167 588	6 123	164 330		
P-2			4 199	163 389		
P-2A	3889	165 989	5 488	162 100		
T.P.	3098	163 512	5 575	160 414		
P-3	4 223	162 244	5 491	158 021		
T.P.	9972	170 196	2 020	160 224		
T.B.M. 34-18			1550	168 646	T.B.M. 34-18	EL= 168.682

END OF RUN

F. B. 2363 Pg. 182

Job No. 0021164 Division No. 10 Notes Red Plotted Profile

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

Survey by Line Notes Line Notes Chkd Checked

Indexed L. 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.	Line 50 Upper Crenshaw 2-20-59
B.M. 50-9	9205	1008 608		999.403	B.M. 50-9 EL = 999.403
T.P.	1362	999 086	10884	997724	
T.P.	0738	989 774	10050	989036	
T.P.	0435	979 951	10258	979516	
T.P.	0721	968 922	11750	968201	
T.P.	0604	958 306	11 220	957702	
T.B.M. #11	2042	949 293	11 055	947251	
T.P.	0873	940 775	9391	939902	
Sta 2-1			5962	935413	
T.P.	0900	931 550	10125	930650	
T.P.	0793	922 295	10043	921502	
T.P.	0544	911 471	11368	910927	
T.P.	0573	901 352	10692	900779	
T.P.	0596	890 730	11218	890134	
T.P.	0566	879 734	11562	879168	
T.P.	0457	869 303	10888	868846	
BM 50-10	3380	861 540	11143	858160	
T.P.	0972	851 722	10790	850750	
T.P.	1238	841 000	11960	839762	
T.P.	0785	832 967	8818	832182	
T.P.			11151	821816	

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2363 Pg. 183
No. ____ Date ____ Date ____ Survey of P.B. Landslide
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lind Notes [illegible] Date 2-20-59
No. ____ Date ____ Date ____ Map No. ____ Indexed E. C. Johnson Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	1130	822946		821816		
T.P.	0808	812446	11308	811638		
T.P.	0429	801273	11602	800844		
sta. Y-4			6061	795212		
T.P.	0302	790430	[illegible]	790128		
T.P.	6356	785844	10942	[illegible]		
TBM #12			[illegible]	[illegible]		
T.P.	3375	778431	10788	[illegible]		
T.P.	[illegible]	771708	7212	771221		
T.P.	[illegible]	761784	[illegible]	761071		
T.P.	[illegible]	750928	[illegible]	[illegible]		
T.P.	[illegible]	[illegible]	[illegible]	[illegible]		
T.P.	0293	[illegible]	[illegible]	728271		
T.P.	0222	717642	[illegible]	[illegible]		
T.P.	0325	707634	10326	[illegible]		
T.P.	1335	697545	[illegible]	[illegible]		
T.P.	0958	[illegible]	7512	[illegible]		
T.P.	1640	682145	[illegible]	[illegible]		
TBM #13			6138	67[illegible]007		
T.P.	0170	670[illegible]	11732	670413		
T.P.	0352	658935	12[illegible]	658583		
BM 50-11			11342	647593	TBM 50-11 EL = 647507	

F. B. 2363 Pg. 144

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

Survey of P.O. Land Slide Date Date No. X-Sec.

Survey by Kino Notes Hill Notes Chkd. Checked

Indexed C. Johnson 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. 1 4-1-59
B-1D	0573	471048		470475	B.M.-B-1D EL=470.475
T.P.	0336	461362	10022	461026	
T.P.	0608	451584	10386	450976	
T.P.	0298	441549	10333	441251	
T.P.	0611	431787	10373	431176	
T.P. T.B.M	1553	423335	10005	421782	
P.B. #9-A	2978	417175	9138	414197	SET LG. B.S. W & T flush
T.P.	3517	414309	6383	410792	
T. P	4808	412565	6552	407757	
T.P	4337	410720	6182	406383	
T.P.	4308	408486	6542	404178	
P.B #9	4375	408513	4348	404138	
T.P	6042	410352	4203	404310	
T.P	5820	413141	3031	407321	
P.I. #5A			4702	408439	
T.P.	6388	416304	3225	409916	
T.P.	2193	411534	6963	409341	
T.B.M. #30	0905	406241	6198	405336	
T.P.	6695	406148	6788	399453	
T.P.	5872	408120	3900	402248	
P.I. # 4A-AUX.			4021	404099	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6001-4 Division No. 16 F. B. L363 PG. 185
X-Sec. No. ____ Date ____ Date ____ Survey of P.B. Landslide
Notes Chkd. ____ Checked ____ Survey by Line Notes V.P. Date 4-1-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date 4-9-59

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	
P.I. #4B	6190	410 289		404 099	NOTE: P.I. 4A DESTROYED SET B.S. ET P.I. 4B
T.P.	11 900	420 784	1 405	408884	
T.P.	6852	425 661	1975	418809	
T.P.	6243	426 374	5 530	420 131	
R.M. #1	3775	425427	4 722	421 652	
S.P. HILLS G-7			4 685	420742	
R.M. #2			3665	421 762	
T.P.	1863	416 957	10333	415094	
T.P.	0367	407 144	10 180	406777	
T.P.	0273	395981	11436	395708	
T.P.	1748	387327	10402	385579	
T.P.	3245	381428	9144	378183	
P.I. #3	1198	374126	8500	372928	
T.P.	0254	363 110	11270	362 856	
T.P.	2319	355216	10213	352897	
T.P.	1864	345 350	11730	343486	
P.I. #2A			5203	340 147	
P.I. #1	1373	336 918	9805	335545	*
T.P.	BEGIN SIDE LINE				
T.P.	0363	326 722	10559	326359	
T.P.	0568	316 338	10952	315770	

F. B. 2363 Pg. 186

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 V.H. Notes Chkd. Checked

Indexed K. C. Johnson Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
H.I.		316338				
TP	0438	305517	11259	305079		
TP	0436	294749	11204	294313		
T.P.	10291	295462	9579	285171		
S.P. HILLS H-7A ECC #1			7290	288172		
SP HILLS H-7A			7070	288392		
END SIDE LINE						
P.I. #1	0270	335815		335545		
T.P.	0660	325085	11390	324425		
T.P.	0317	313953	11449	313636		
T.P.	0460	302833	11580	302373		
B.C	0409	291460	11782	291051		
TP	3752	283852	11360	280100		
P.B. #10	1461	281011	4302	279550		
T.P.	0415	270428	10998	270013		
TP	0549	259843	11134	259294		
TP	0433	249083	11193	248650		
TP	1135	239889	10329	238754		
T.P.	0718	229557	11050	228839		
T.P.	0502	219074	10985	218572		
W.F. #1			8600	210474		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2363 Pg. 187
Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by LINO Notes KR Date 4-1-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
H.I.		219074			per PG 187	
T.P.	0210	207894	11390	207684		
T.P.	0565	196778	11681	196213		
T.P.	0191	186289	10680	186098		
T.P.	2309	176888	11710	174579		
TBM-31	3849	170899	9837	167050 167051	T.B.M.-31 EL = 167,050	
T.P.	3685	168016	6568	164331		
P-2			4627	163389		
T.P.	4545	166788	5773	162243		
P-2A			4687	162101		
T.P.	4070	164493	6365	160423		
P-3	4300	162329	6464	158029		
T.P.	10852	171091	2090	160239		
BM 34-18			2430	168661	BM 34-18 EL = 168,682	

F. B. 2763 PG. 180/80 Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile
Survey of P.B. Landscape Date Date No.
Survey by Lino Notes Lino Notes Chkd. Checked X-Sec.
Indexed A. 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 4-2-59
TBM 34-15A	2575	233 562		230 987	T.B.M. 34-15A EL= 230987
T.P.	3495	231 432	6088	227 434	
T.P.	3439	228 167	6704	224 723	
T.P.	2638	224 734	5866	222 301	
T.P.	2768	220 005	7302	217 637	
T.P.	3622	216 134	7088	212 917	
TBM 50-13A	2908	213 323	6124	210 415	* FD SPIKE & TW IN S. EB.
TBM 50-13	3521	211 814	5325	207 998	
T.P.	10814	214 421	8212	203 607	
T.P.	11582	224 708	1295	213 126	
T.P.	10423	234 284	0846	223 861	
T.P.	10512	244 470	0327	233 958	
T.P.	11551	255 551	0464	244 006	
T.P.	11678	266 804	0431	255 126	
T.P.	10841	275 799	1846	264 958	
T.P.	11259	286 228	0830	274 969	
T.P.	11962	297 862	0322	285 900	
T.P.	11[illegible]	306 985	2054	295 812	
T.P.	8603	314 480	1108	305 877	
Sta [illegible]	7880	318 215	4145	310 335	
T.P.	8667	323 434	3448	314 767	

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 00211.64 Survey of EB Survey by Field Map No. Indexed Division No. 10 Note Date Date Date F. B. 3363 Pg. 159

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STATION	B. S.	H. I.	F. S.	ELEV.		
		323 434				
T.P.	9262	324 974	7722	315712		
Sta. A-4			2765	322 201		
Sta. A-3	11618	335 607	0985	323 989		
T.P.	11 528	345 667	1468	334 139		
T.P.	9857	354 913	0 [illegible]	[illegible]		
T.P.	9184	367 749	0 [illegible]	354 [illegible]		
Sta Radial "1"	2570	363 747	2572	361 177		
T.P.	0370	354 453	9 664	354 083		
B.M. 20-12			11 368	[illegible]		
T.P.	11 603	365 782	0 274	354 179		
T.P.	11 854	377 373	0 [illegible]	[illegible]		
T.P.	1 210	384 293	2 [illegible]	375 023		
Sta. D-2			4 681	379 612		
T.P.	11 603	394 294	1 222	383 071		
T.P.	11 161	405 465	0 290	[illegible]		
T.P.	11 015	415 718	0 762	404 703		
T.P.	7948	423 062	0 [illegible]	415 118		
[illegible]			9 995	413 071 *		
	10612	431 380	2 298	420 768		
		BEG SAME		LINE	TO C-1	

F. B. 2763 Pg. 190 Job No. 0021.64 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. Checked
Indexed K. C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		431 380				
STA B-1			2568	428 812		
		END SIDE LINE				
T.P.	5958	419 029		413 071 *		
STA B-1			6267	412 762		
T.P.	6743	420 087	5685	413 344		
STA B-1-B			5885	414 202		
P.T. # 1			6270	413 817		
T.P.	6547	425 079	1555	418 532		
T.P.			7668	417 411 *		
		BEV SIDE LINE TO B-1-C				
T.P.	10313	[illegible]	0848	424 231		
T.P.	9759	4 [illegible]	0222	434 322		
STA B-1-C			1738	4 42 343		
T.P.	3213	420 624		417 411 *	END SIDE LINE	
T.B.M. P.B. 9-A			6404	414 220	T.B.M. P.B. # 9-A	EL = 414.197 pg. 185

Profile No. X-Sec. No. Notes Red. Date Notes Chkd. Date Plotted Date Checked Date Job No. 0021.04 Division No. 10 Survey of P.B. [illegible] Survey by [illegible] Map No. Index [illegible] C. Johnson Notes [illegible] Date 4-2-59

F. B. 2363 Pg. 191

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Line 50 Upper Crenshaw 6-2-59

STATION	B. S.	H. I.	F. S.	ELEV.
BM 50-9	6042	1005 445		999 403
T.P.	0851	994 593	11 703	993 742
T.P.	1134	984 652	11 075	983 518
T.P.	0855	974 418	11 119	973 563
T.P.	0929	964 122	11 182	963 193
T.P.	2379	955 742	10 802	953 363
TB.M. 11	1477	945 [illegible]	5 385	947 240
[illegible]	[illegible]	940 522	[illegible]	939 [illegible]
Sta. 2-1			[illegible]	935 418
T.P.	0280	929 453	11 359	929 173
T.P.	0930	922 438	7945	921 508
T.P.	0872	911 807	11 503	910 935
T.P.	0209	900 994	11 022	900 785
T.P.	0305	890 454	10 850	890 149
T.P.	1081	880 258	11 275	879 177
T.P.	0410	870 763	10 403	869 355
BM 50-10			12 601	858 164
T.P.	0639	860 033	11 391	859 374
T.P.	1515	851 679	9869	850 164
T.P.	0528	840 700	11 507	840 172
T.P.	1169	830 147	11722	829 978

Profile No. ____ Plotted ____ Date ____
X-Sec. No. ____ Checked ____ Date ____
Notes Red ____ Date ____
Notes Chkd ____ Date ____
Division No. 10
Job No. 2021.54
Notes
Date
Survey of
Survey by A. C. Johnson
Indexed
F. S. 2772 Pg. 1127

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STATION	B. S.	H. I.	F. S.	ELEV.		
		830 147				
T.P.	0533	819 500	11 180	818967		
T.P.	0450	807 960	11 984	807 516		
STA Y-4	1391	796 572	12785	795 181		
T.P.	0364	786 654	10282	786290		
T.B.M. # 12			9432	777172		
T.P.	0834	775 673	11 815	774837		
T.P.	0961	765 009	11 625	764048		
T.P.	0999	754 322	11 686	753323		
T.P.	0748	744 071	10999	743323		
T.P.	0647	733 752	11 016	733 055		
T.P.	0712	724 108	10 [illegible]	723 39[illegible]		
T.P.	0255	712 845	11 518	712 590		
T.P.	0810	702 027	11 628	701217		
T.P.	0870	[illegible]	[illegible]	690749		
T.P.	0664	680 508	11 775	679844		
T.B.M. # 13	0529	676 520	4 517	675991		
T.P.	1856	666 534	11 342	664678		
T.P.	2801	658 245	11 070	655 464		
B.M. 50-11			10 701	647 564	BM - 50-11	EL = 647.509

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2383 Pg. 193
No. ____ Date ____ Date ____ Survey of [illegible] [illegible] [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 4-2-59
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] C. Johnson Date ____

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	P. B. LANDSLIDE	LINES S&4 4-3-59
T.B.M. P.B. 9-A	0798	414995		414.197	T.B.M. P.B. 9-A	EL= 414.197 pg 185
T.P.	0663	405116	10542	404453		
T.P.	1976	396194	10898	394218		
T.P.	1188	386194	11188	385006		
T.P.	1223	376489	10928	375266 *		
	BEGIN	SIDE	LINE			
T.P.	1413	366353	11549	364940		
T.P.	1298	358788	8863	357490		
S.B. #3			5967	352821		
	END SIDE	LINE				
T.P.	10082	385348		375266 *		
S.B. #2	10625	393870	2103	383245		
S.B. #1			4488	389382		
T.P.	11132	401993	3009	390861		
P.T. #2AUX.	0657	396122	6528	395465		
P.T. #3	0806	385585	11343	384779		
	1816	377118	10283	375302		
P.T. #4	1246	369966	8398	368720 *		
	BEGIN	SIDE	LINE			
T.P.	0985	359192	11759	358207		
T.P.			11854	347338		

F. B. 2363 Pg. 194 Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
Survey by C. John Notes Notes Chkd. Checked
Indexed Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	1035	348 373		347338		
T.P.	1122	338 860	10635	337738		
H-2 A	1027	329 332	10555	328305		
T.P.	0793	319 522	10603	318729		
H-4			8025	311497		
	END SIDE LINE					
	BEGIN SIDE LINE					
PT #4	10045	378 765		368720 *		
T.P.	11283	339 857	0159	378576		
T.P.	10142	348 670	1331	338528		
W.FIX			4834	393836		
	END SIDE LINE					
P.T. #4	1152	369 872		368720 *		
T.P.	0961	358 891	11942	357930		
T.P.	1412	349 526	10777	348114		
P.T. #5	0917	340 561	9882	339644		
T.P.	0346	330 626	10281	330280		
T.P.	0563	319 216	11973	318653		
P.T. #6 AUX2	7094	318 948	7362	311854 *		
	BEGIN SIDE LINE					
T.P.	11589	320 772	9765	309183		
I-1			3381	317391		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2363 Pg. 195
Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by LIND Notes VH Date 4-3-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
H.I.		320772				
T.P.	0911	309873	11810	308962		
T.P.	1041	300081	10833	299040		
T.P.	6205	294658	11631	288450		
I-2			9227	285431		
I-3			11703	282[illegible]		
T.P.	11912	291662	[illegible]	290[illegible]		
BLAKSLEE			0760	290902		
	END	SIDELINE				
P.T. #6 AUX 2	0281	312135		311854 *		
B.M.-L			4653	307482		
T.P.	0875	303052	9956	302177		
T.P.	0789	293153	10688	292364		
T.P.	1545	283416	11282	281[illegible]		
T.P.	1293	273766	10443	272473		
P.T. #7			3809	269957		
T.P.	0911	265523	9154	264612		
T.P.	0642	256275	9890	255633		
T.P.	0981	247419	9887	24[illegible]		
T.P.	0768	236710	11477	235942		
T.P.			11525	225185		

F. B. 2363 PG. 196 Job No. 002164 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.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
	0508	225693		225185		
T.P.	1723	216310	11106	214587		
T.P.	0467	206134	10643	205667		
B.M.-C	11999	215824	2309	203825	*	
	BEGIN SIDE LINE					
K-1			2450	213374		
	END SIDE LINE					
B.M.-C	0670	204515		203825	*	
TP	4584	198676	10423	194092		
BM.34-17A			5327	193349		
T.P.	4542	199290	3928	194748		
T.P.	6189	195519	9960	189330		
T.P.	4149	198878	10790	194729	*	
T.P.	BEGIN SIDE LINE					
T.P.	0601	188002	11477	187401		
T.P.	0654	177642	11014	176988		
T.P.	1248	168735	10155	167487		
T.P.	0574	158008	11241	157494		
T.P.	0574	147530	11052	146956		
T.P.	1044	137104	11470	136060		
TBM #25			11828	125276		

Profile Notes Red. ____ Plotted ____ Job No. 0021-64 Division No. 10 F. B. 2363 Pg. 197
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes TCP Date 1-3-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____
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STATION	B. S.	H. I.	F. S.	ELEV.		
	END SIDE LINE					
T.P.	6627	201 356		194729	*	
T.P.	9413	203646	7123	194233		
T.P.	11804	213242	2208	201 438		
TP	10414	220228	3428	209814	*	
	BEGIN SIDE LINE					
TP	11788	230144	1872	218356		
TP	10141	239433	0852	229292		
J-1A			5192	234241		
	END SIDE LINE					
TP	5808	215622		209 814	*	
J-1			9235	206387		
TP	11888	225087	2423	213199		
J-3	7683	224654	8116	216971		
J-4			5716	218938		
TP	0711	213402	11963	212691		
RADIAL 2			9640	203762		
T.P.	4035	208 890	8547	204855		
J-5	7813	208451	8252	200638		
TP	11183	209449	10185	198266		
TP	6327	212728	3048	206401		
TP.			4083	208645		

F. B. 2363 PG. 198 Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile No.
Survey of PORTUGUESE BEND LANDSLIDE Date Date X-Sec.
Survey by LIND Notes V. ANDERSON Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

76298 S & E #307—7-55

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	6040	214685		208645		
TBM 50-13A			4246	210439	TBM 50-13A	EL = 210.415 pg 167
					Line #3 P.B. Landslide 4-6-59	
T.B.M. 34-15A	0282	231 269		230 987	T.B.M. # 34-15-A	EL = 230.987
T.P.	1271	222 010	10 [illegible]	220 74[illegible]		
T.P.	1133	213 664	9488	212 528		
K-13	2541	204 304	11895	201 763		
T.P.	1289	144 624	10 [illegible]	[illegible]		
K-12			2491	[illegible]		
T.P.	0473	153 759	11 319	[illegible]		
K-11			2753	[illegible]		
K-10-[illegible]	[illegible]	[illegible]	11 033	[illegible]		
K-10-[illegible]			[illegible]	169 693		
K-10			5502	167 474		
K-10-C			5496	167 506		
K-9-A	7076	170 593	9481	163 519	FD L.E. TAC IN PC TO HOUSE # 95	
K-[illegible]			8665	161 928	YACHT HARBOR DR. MARINA DEL REY	
K-9	1962	161 252	11 273	159 290		
K-8A			3446	157 [illegible]		
K-8B			5767	155 [illegible]		

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. [illegible] Division No. 10 F. B. 2363 Pg. 199

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of [illegible] Survey by [illegible] Map No. ____ Notes [illegible] Date [illegible] Indexed C. Johnson

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		161 [illegible]				
T.P.	0820	150 267	11 [illegible]	149447		
T.P.	1045	139 [illegible]	11 [illegible]	13 [illegible]		
T.P.	11542	139 [illegible]	11 578	1[illegible]366	*	
		[illegible]			K-5	
K-5			3 [illegible]	[illegible]		
		END	[illegible]	[illegible]		
T.P.	0808	129 174		128 [illegible]	*	
T.P.	1055	118 781	[illegible]	11[illegible]		
W-3			8 [illegible]	1[illegible]		
W-4			9 [illegible]	1[illegible]		
T.P.	0928	108 228	11 [illegible]	1[illegible]		
K-5 Aux			6 [illegible]	101 770		
T.P.	0430	97 668	10 991	97 237		
T.P.	0427	86 552	1 [illegible]	8[illegible]		
STA K-4			4 [illegible]	82 01[illegible]		
K-A			8 099	78 [illegible]		
T.P.	1014	7[illegible]	11 120	7[illegible]		
K-A-B			4 [illegible]	71 [illegible]		
T.P.	0782	66 319	10 909	65 537		
K-B			4 678	61 641		

F. B. 2363 PG. 200 Job No. 002164 Division No. 10 Notes Red. Plotted Profile
Survey of [illegible] Date Date No.
Survey by Lino Notes Lino Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		66 319				
TBM 28	1 997	61 325	2 991	59 328		
K-5			5 028	56 297		
K-5A			5507	55 818		
T.P.	1 428	51 390	11 367	49 962		
T.P.	3 004	45 614	8 788	42 610		
TBM 27 AUX-2	4721	39 786	10 546	35 065		
K-2A			6702	33 084		
T.P.	0998	26 352	11 932	27 354		
T.P.	2 622	23 214	10 280	19 572		
TBM 26-D			8 190	17 024		
" 26-C			5675	17 539		
T.P.	4 764	21 420	6 568	16 656		
TBM-26			5 311	16 109		
TBM-26-C			4 780	16 640		
TBM-26-E			2 126	20 494		
TBM-26-F			1 452	19 184		
T.P.	6597	22 744	10 8	12 1[illegible]		
T.B.	2245	14 019	10 975	11 774 +		
		GRE[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B.B. #1			6423	7 596		

END SIDE LINE

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 2114 Division No. 10 F. B. 2268 Pg. 201

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of [illegible] Survey by [illegible] Map No. ____ Notes [illegible] Date [illegible] Index [illegible] C. Johnson

76298 S & E #307—7-55

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	11 543	23 317		11 774		
CLUB HOUSE			4625	18 692		
P.B. 2A			7761	13 555		
T.P.	2387	15 341	10 363	12 954		
P.B. #3	6062	10 900	10 503	4 [illegible]		
P.B. # 5-A	11597	12 349	10 148	0 752		
T.P.	4645	9 349	7645	4 704		
T.P.	8861	10 577	7633	1 716		
P.B. # 6A			10 245	0 332		
T.P.	11408	16 392	5 593	4 984		
P.B. # 7			4 62[illegible]	11 771		
T.P.	2235	16 864	1 763	14 629		
T.P.	3 038	16 169	[illegible]	13 131		
P.B. # 8			8 208	7 961	[illegible] # 8 EL =	7.994

F. B. 2763 PG. 202

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

Survey of P.B. LANDSLIDE Date Date No.

Survey by LINO Notes Checked X-Sec.

Indexed C. Johnson Date Notes Chkd. Date No.

76298 S & E #307—7-55

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Do not extend notes this side of this line.

LINE # 1

P. B. LANDSLIDE 5-12-59

STATION	B. S.	H. I.	F. S.	ELEV.		
STA B-1-D	0996	471 471		470 475	STA B-1-D	EL= 470.475
T.P.	0925	421 [illegible]	10 445	461 023		
T.P.	0629	451 577	[illegible]	450 945		
T.P.	0637	441 374	10 340	441 237		
T.P.	0573	431 743	10 704	431 17[illegible]		
T.P.	0706	422 490	9959	421 784		
P.B.# 9-A	3220	417 426	8284	414 206		
T.P.	2701	413 505	[illegible]	410 804		
T.P.	3525	410 479	[illegible]	40[illegible] 954		
T.P.	4000	408 [illegible]	6290	404 189		
P.B.# 9	4190	408 343	4030	404 159		
T.P.	6249	410 [illegible]	4018	404 331		
T.P.	6333	413 [illegible]	[illegible]	407 340		
P.I. 5-A			5203	408 460		
T.P.	6311	416 236	3745	409 925		
T.P.	1676	411 [illegible]	6897	409 339		
T.B.M.# 30	1367	406 [illegible]	5681	405 334		
T.P.	6364	403 834	7232	399 [illegible]		
T.P.	7419	409 [illegible]	3551	402 252		
P.I. 4-B			5527	404 104		
T.P.	11529	417 352	[illegible]	405 763		

Profile Notes Red. ____ Plotted ____ Job No. 1021.64 Division No. 10 F. B. 2363 Pg. 203
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LINO Notes LINO Date 5-12-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date 5-22-59
C. Johnson

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F. B. 2363 Pg. 74 | Job No. [illegible] | Division No. [illegible] | Notes Red. [illegible] | Plotted | Profile No.
Survey of | Date | Date | Date | X-Sec. No.
Survey by C. Johnson | Notes | Notes Chkd. | Checked
Indexed | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.		
		417 352				
TP	3 442	4 23 210	0 602	4 16 758		
FRUIT TREE #1	3 505	428 004	[illegible]	424 499	"NEW POINT"	
TP	3 559	425 450	11 249	41 [illegible]		
TP	6 321	425 202	6 629	4 [illegible]		
TP	5 750	425 [illegible]	5 080	420 132		
TP	3 243	424 933	[illegible]	421 [illegible]		
Splice 5-7 R.M. # 1			3 [illegible]	421 [illegible]		
Splice 5-7			4 183	420 750		
R.M. # 2			3 165	421 778		
TP	0 756	415 [illegible]	16 [illegible]	414 [illegible]		
TP	0 423	40 [illegible] 463	11 261	[illegible]		
TP	0 510	3 13 598	11 14[illegible]	3 [illegible]		
TP	1 403	36 6 949	8 352	37 6 596	Should be 9.352.?	
TP	2 450	36 1 114	8 760	37 6 189	Use the figures in black pencil.	
P.I. # 3	0 659	37 4 577	7 181	37 3 [illegible]		
TP	0 689	36 4 556	6 730	3 [illegible] 867		
TP	0 454	35 4 347	6 [illegible]	35 3 [illegible]		
TP	2 45[illegible]	34 6 048	[illegible]	34 3 [illegible]		
P.I. # 2-A			4 857	34 1 [illegible]		
P.I. # 1			[illegible]	33 6 [illegible]		

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
P.I. #1	1373	33 7/9 29		33 6/7 555 *	✓	
TP	Res	side	line	to	H-74	
TP	0367	32 7/7 732	10559	32 7/7 369		
TP	0568	31 7/7 348	10452	31 6/7 780		
TP	0438	30 6/7 527	11259	30 6/7 068		
TP	0436	29 5/7 757	11264	29 5/7 323	Use figures	in blue pencil
TP	0241	29 6/7 472	9515	28 6/7 181		
H-74 EW 1			7640	28 9/7 182	✓	
H-74			7070	28 9/7 407	✓	
		two side line				
P.I. #1	0270	33 6/7 825		33 6/7 555 *	✓	
TP	0660	32 6/7 095	7540	32 5/7 435		
TP	0317	31 4/7 963	11449	31 4/7 646		
T.P.	0460	30 3/7 843	11580	30 3/7 383		
E.C.	0409	29 2/7 470	11782	29 2/7 061	✓	
T.P.	3752	28 4/7 862	11360	28 1/7 110		
F.B. #10	1461	28 2/7 021	-302	27 90/7 520	✓	
TP	0415	27 1/7 438	10998	27 1/7 023		
T.P.	0549	26 60/7 553	11134	26 60/7 304		
TP	0-7[illegible]	24 50/7 [illegible]	11193	24 9/7 6[illegible]		
[illegible]	1135	22 40/7 899	10329	23 9/7 764		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2001-54 Division No. 1
Date ____ Date ____ Survey of [illegible]
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ C. Jeb Bacon Date ____

F. B. 2363 Pg. 105

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		240 [illegible]				
	0718	230 [illegible]	11 050	228 849		
	0502	220 [illegible] 084	10 985	219 582		
W.F #1.			8 600	210 484	✓	
	0210	208 [illegible] 904	[illegible]	208 [illegible] 94		
	0565	197 [illegible] 788	11 681	197 [illegible]	Use figures in black pencil.	
	0141	197 [illegible]	10 680	197 [illegible] 105		
	2309	197 [illegible]	11 710	195 [illegible]		
T.B.M. #31			9 837	188 [illegible]	✓ T.B.M. #31 El = 167.050	

F. B. 2363 PG. 206

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 Date No.

76298 S & E #307—7-55

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

Do not extend notes this side of this line.

P.B. LANDSLIDE LINE 2 5-12-59

STATION	B. S.	H. I.	F. S.	ELEV.	
BM-34-15A	2208	233 195		230 987	B.M. 34-15-A EL= 230.987
T.P.	3163	230 605	5753	227 442	
T.P.	[illegible]	227 870	5863	224 742	
T.P.	1919	222 831	[illegible]	220 912	
T.P.	1902	217 [illegible]	[illegible]	215 193	
TBM 50-13 A	2428	212 840	7483	210 412	T.B.M. 50-13-A
BM-50-13	3318	[illegible]	4847	207 993	
T.P.	11498	215 102	7707	203 604	
T.P.	11419	224 491	2030	213 072	
T.P.	10683	234 546	0628	223 853	
T.P.	10137	244 103	0582	233 964	
T.P.	11352	254 892	0563	243 540	
T.P.	10864	265 472	[illegible]	254 612	
T.P.	11740	270 703	0513	264 923	
T.P.	10556	285 535	1724	274 977	
T.P.	11221	296 053	0703	284 852	
T.P.	11098	306 928	[illegible]	295 830	
T.P.	8262	314 155	1035	305 893	
Sta. SHIELDS	8040	318 392	3803	310 352	
T.P.	7905	322 690	3607	314 785	
G. 1	9178	324 923	6945	315 745	

Profile Notes Red. ____ Plotted ____ Job No. 00 21164 Division No. 10 F. B. 2363 Pg. 207
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 5-12-59
No. ____ Date ____ Date ____ Map No. ____ Index C. Johnson

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		324 923				
Sta F-4			2 695	322 228		
Sta A-3	10 573	334 396	1 100	323 823		
T.P.	[illegible]	[illegible]	0387	[illegible]		
T.P.	10563	355 47[illegible]	[illegible]	[illegible]		
T.P.	10811	355 414	0865	354 [illegible]		
Radial 1	[illegible]	[illegible]	[illegible]	[illegible]		
T.P.	0870	354 531	11 [illegible]	[illegible]		
B.M. 50-12			11 652	342 879		
T.P.	11 580	365 543	0568	353 965		
T.P.	11 308	376 439	0412	365 131		
T.P.	9543	384 154	1 828	374 611		
Sta. D-2					Unable to locate D-2	
T.P.	11 074	393 573	1 655	382 499		
T.P.	[illegible]	404 077	0773	392 800		
T.P.	10913	414 605	0385	[illegible]		
T.P.	8568	422 191	0982	413 623		
T.P.			9 521	412 669	*	
		Beg. Side Line to Sta - C-1				
T.P.	9 742	[illegible]	1709	[illegible]		
Sta. C-1			[illegible]	[illegible]		

[illegible] Side Line

F. B. 2363 Pg. 208 Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile
Survey of P. B. Land Line Date Date No.
Survey by Line Notes Line Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	[illegible]	[illegible]		412 669 *		
[illegible]			6 285	[illegible]		
[illegible]	6 688	[illegible]	5 664	[illegible]		
[illegible]			5 872	[illegible]		
P.T. # 1			6 157	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
T.P.			7 154	417 427 *		
	Beg [illegible]					
T.P.	11 [illegible]	[illegible]	[illegible]	[illegible]		
T.P.	11 [illegible]	[illegible]	1 87[illegible]	[illegible]		
STA B-1-C			0 [illegible]	[illegible]		
		[illegible]				
T.P.	2 [illegible]	[illegible]		[illegible] *		
P.B. 9-A			6 112	[illegible]	P.B. 9-A EL= 414 206 pg. 203	
					END OF [illegible]	

Profile Notes Red. ____ Plotted ____ Job No. [illegible] Division No. 10 F. B. 2363 Pg. 707
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 5-12-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 S & E #307 9-54

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

P. B. LANDSLIDE LINE #3 5-13-59

STATION	B. S.	H. I.	F. S.	ELEV.
TBM 34-15A	0308	231 299		230 987
T.P.	0502	221 243	10 554	220 741
T.P.	0284	210 955	[illegible]	[illegible]
Sta K-13			9195	201 760
T.P.	1165	201 089	11 035	199 917
Sta K-12	0205	[illegible]	[illegible]	[illegible]
Sta K-11	1020	182 394	[illegible]	[illegible]
K-10-A	[illegible]	176 361	[illegible]	[illegible]
K-10-5			[illegible]	169 681
K-10-[illegible]			8813	167 488
K-10			8893	167 468
T.P.	4204	170 052	10 513	165 848
K-9-A			[illegible]	[illegible]
K-9-B			8130	[illegible]
K-9	3663	162 540	10 729	159 323
K-8-A			4705	[illegible]
K-8-B			[illegible]	[illegible]
T.P.	1090	151 850	11 780	150 766
T.P.	1251	141 534	11 573	140 283
T.P.	[illegible]	141 001	11 878	129 656 X
		BEC	SIDE	LINE TO K-5

F. S. 2763 Pg. 210 Job No. 0071.64 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 Date No.

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		141 001				
Sta K-5			4182	1[illegible]2017		
		[illegible]	[illegible]	[illegible]		
TP	0883	[illegible]		[illegible]		
TP	0391	119 848	11082	[illegible]		
Sta W-4	5063	[illegible] 955	10756	108893		
Sta W-3			3254	110 701		
TP	0153	102 551	11857	102098		
K-5 [illegible]			[illegible]	[illegible]		
TP	0440	92 282	11039	91842		
Sta K-4	1418	83 147	10551	81 731		
Sta KAB	0346	71 716	[illegible]	71 379		
Sta K-B	4228	[illegible]	10 433	61 273		
TBM 28			[illegible]	[illegible]		
Sta K-C	[illegible]	21 047	9359	56 147		
Sta [illegible]			[illegible]	[illegible]		
TP	1089	50 934	11203	49 84[illegible]		
TP	1674	44 2[illegible]	8348	42 587		
TBM 27 AUX. 2	4[illegible]	[illegible]	9208	35 053		
K-[illegible] 24			6052	[illegible]		
TP	0994	28 [illegible]	11428	[illegible]		

Profile Notes Red. ____ Plotted ____ Job No. 0[illegible] Division No. 10 F. B. 2363 Pg. 211
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		28 951				
TP	[illegible]	22 548	[illegible]	13 [illegible]		
TBM-26-B			7 680	11 868		
TBM-26-C			5 057	17 489		
TP	4150	20 [illegible]	5941	16 [illegible]		
TBM-26			4 [illegible]	1[illegible] 049		
TP	4262	21 815	[illegible]	17 [illegible]		
TBM 26 A		TBM 26-A DESTROYED [illegible]				
TBM 26 D			5 180	1[illegible]		
TBM 26 E			1111	20 [illegible]		
TP	3004	20 504	4 3[illegible]	1[illegible] 500		
TP	2281	14 612	8173	12 331 *		
		BEG SIDE LINE TO PB #1				
PB # 1			7032	7 [illegible]		
		[illegible]				
TP	11 432	23 753		[illegible] *		
STA CLUB HOUSE			4846	18 907		
PB 2-A	[illegible]	22 [illegible]	7848	15 905		
TP	0 483	11 3[illegible]	[illegible]	10 [illegible]		
PB 5-A	9490	10 24[illegible]	10615	0.75[illegible]		
	4236	9 633	4846	[illegible]		

F. B. [illegible] Pg. [illegible]
Job No. [illegible] Division No. [illegible] Notes Red. Plotted Profile
Survey of [illegible] Date Date No.
Survey by [illegible] Notes Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
		9 633				
P.B. 6-A	11315	11 635	9313	0320		
T.P.	5315	16 563	0387	11 248		
P.B. #7	500	16 762	4501	11 762		
T.P.	2235	14 524	2133	14 629		
T.P.	3 038	16 169	3733	13 131		
P.B. #8			8208	7 961	P.B. #8 = 7.994	
					END OF RUN.	
					P.B. LANDSLIDE - LINES #4 & #5 5-14-59	
P.B. 9-A	1274	415480		414206	P.B.-9A EL = 414.206	
T.P.	0782	405240	11022	404458		
T.P.	1347	395569	11018	394222		
T.P.	0 516	385531	10 554	385015		
T.P.	0488	375 758	10261	375 270 *		
	BEGIN SIDE LINE					
T.P.	0 802	365746	10 814	364944		
T.P.	3 007	360482	8271	357475		
S.B. #3			7651	352831		
	END SIDE LINE					
	BEGIN SIDE LINE					
T.P.	10 505	385 775		375270 *		

Profile Notes Red. ____ Plotted ____ Job No. 2036 Division No. 10 F. B. 2363 Pg. 213
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 5-13-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.		
H.I.		385775				
T.P.	3978	387026	2727	383048		
T.P.	8864	395238	0652	386374		
W.FIX			1431	393807		
END SIDE LINE						
T.P.	9537	384807		375270 *		
S.B. #2	8846	392072	1581	383226		
S.B. #1	8053	397378	2747	389325		
P.T.-#2AUX	0793	396178	1993	395385		
P.T #3	0779	385429	11528	384650		
T.P.	0867	375507	10789	374640		
P.T. #4	1136	369718	6925	368582 *		
BEGIN SIDE LINE						
T.P.	0653	358692	11679	358039		
T.P.	0494	347671	11515	347177		
T.P.	0371	337935	10107	337564		
H-2A	0494	328608	9821	328114		
T.P.	1127	319703	10032	318576		
H-4			8346	311357		
END SIDE LINE						
PT #4	0926	369508		368582 *		

F. B. 2363 Pg. 214 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 K. ANDERSON Notes Chkd. Checked
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.		
H. I.		369508				
T. P.	0267	358051	11724	357784		
T. P.	0624	349512	9163	348888		
PT #5	0885	340377	10020	339492		
T. P.	0637	329879	11135	329242		
T. P.	0548	319014	11413	318466		
PT #6 AUX 2	6828	318487	7355	311659 *		
	BEGIN SIDE LINE					
T. P.	11933	320721	9699	308788		
I - I			3441	317280		
T. P.	0856	309644	11933	308788		
T. P.	0317	299206	10755	298889		
T. P.	8506	295971	11741	287465		
I - 2			10795	285176		
I - 3			13229	282742		
T. P.	11713	302243	5441	290530		
BLAKESLEY			0510	301733		
	END SIDE LINE					
P.T. #6 AUX 2	0815	312474		311659 *		
B.M. - L			5223	307251		
T. P.			10615	301859		

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. LO F. B. 2363 Pg. 215
No. ____ Date ____ Date ____ Survey of P. B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes V.A. Date 5-13-59
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] C. Johnson

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	1002	302861		301859		
T.P.	0560	292750	10671	292190		
T.P.	2029	283679	11100	281650		
T.P.	0310	272640	11349	272330		
P.T. #7			2853	269787		
T.P.	0650	265089	8201	264439		
T.P.	0780	256199	9670	255419		
T.P.	1006	247273	9932	246267		
T.P.	0291	238398	9166	238107		
T.P.	1114	228268	11244	227154		
T.P.	1279	217977	11570	216698		
T.P.	3389	210285	11081	206896		
B.M.-C	11999	215756	6528	203757	*	
BEGIN SIDE LINE						
K-1			2421	213335		
END SIDE LINE						
B.M-C	1140	204897		203757	*	
T.P.	2080	195827	11150	193747		
B.M. 34-17 A	6170	199453	2544	193283		
T.P.	1678	196833	4298	195155		
T.P.			7218	189615		

F. B. 2363 Pg. 216 Job No. 00 21.64 Division No. 10 Notes Red. Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
Survey by LIND Notes VANDERSON Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	7898	197513		189615		
T.P.	3699	199517	1695	195818	*	
	BEGIN SIDE LINE					
T.P.	0373	188340	11550	187967		
T.P.	1199	177978	11561	176779		
T.P.	0783	167387	11374	166604		
T.P.	0519	157735	10171	157216		
T.P.	0329	147013	11051	146684		
T.P.	0880	136905	10988	136025		
T.B.M. #25			11547	125358		
	END SIDE LINE					
T.P.	5015	200833		195818	*	
T.P.	10677	204743	6767	194066		
T.P.	11388	214162	1969	202774	*	
	BEGIN SIDE LINE					
T.P.	10711	223827	1046	213116		
T.P.	11609	234661	0775	223052		
T.P.	7132	241522	0271	234390		
J-1A			7556	233966		
	END SIDE LINE					
T.P.	11290	240674		202774	*	

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2363 Pg. 217
No. X-Sec. Date ____ Date ____ Survey of P.B. LANDSLIDE
Notes Chkd ____ Checked ____ Survey by LAND Notes K-7 Date 5-13-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ C. Johnson

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STATION	B. S.	H. I.	F. S.	ELEV.		
H. I.		214064				
J.-1			8009	206055		
T.P.	11610	224476	1198	212866		
J-3	9515	226146	7845	216631		
J-4			7483	218663		
T.P.	1218	217297	10067	216079		
T.P.	4119	210722	10694	206603		
RADIAL 2			7072	203650		
T.P.	2915	206835	6802	203920		
J-5			6334	200501		
T.B.M. #15	10376	208543	8668	198167		
T.P.	6463	212186	2820	205723		
T.B.M. 50-13A			1779	210407	T.B.M 50-13A EL=210.412	

F. B. 2363 Pg. 218 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 V. ANDERSON Notes Chkd. Checked
Indexed K. C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE 50 UPPER CRENSHAW 5-15-59	
BM50-9	4715	1004118		999403	BM 50-9 EL=999.403	
T.P.	0438	993352	11204	992914		
T.P.	0435	982107	11680	981672		
T.P.	0641	971370	11378	970729		
T.P.	0427	960585	11212	960158		
T.P.	1217	950919	10883	949702		
T.B.M #11			3651	947268		
T.P.	0978	940890	11007	939912		
STA. Z-1			5467	935423		
T.P.	0803	930947	10746	930144		
T.P.	1238	921078	11107	919840		
T.P.	0344	911171	10251	910827		
T.P.	0448	901228	10391	900780		
T.P.	0985	891114	11099	890129		
T.P.	0808	879978	11944	879170		
T.P.	0543	869379	11142	868836		
B.M50-10			11228	858151		
T.P.	0728	858362	11745	857634		
T.P.	0730	847944	11148	847214		
T.P.	0247	837342	10849	837095		
T.P.			8230	829112		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021-64 Division No. 10 F. B. 2363 Pg. 219
Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by LIND Notes V.A. Date 5-15-59
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	0732	829844		829112		
T.P.	0521	818473	11892	817953		
T.P.	0695	807840	11328	807145		
T.P.	0497	796453	11884	795956		
Y-4			1322	795131		
T.P.	0940	785702	11691	784762		
T.B.M #12			8542	777160		
T.P.	0308	774512	11498	774204		
T.P.	0754	764569	10697	763815		
T.P.	0375	753176	11768	752801		
T.P.	0544	742218	11502	741674		
T.P.	0376	731158	11436	730782		
T.P.	0472	722838	8792	722366		
T.P.	0540	712101	11277	711561		
T.P.	0341	701448	10994	701107		
T.P.	0502	690652	11298	690150		
T.P.	0819	679636	11835	678817		
T.B.M. #13			3670	675966		
T.P.	0412	668400	11648	667988		
T.P.	1562	658595	11367	657033		
B.M 50-11			11062	647533	BM 50-11 EL = 647.509	

F. B. 2363 Pg. 220 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 VANDERSON Notes Chkd. Checked
Indexed C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	PORTUGUESE BEND LANDSLIDE 6-11-59 Line #1
STA B-1-D	0363	470838		470475	STA. B-1-D EL=470.475
T.P.	0431	461449	9820	461018	
T.P.	1140	452078	10511	450938	
T.P.	0527	441756	10849	441229	
T.P.	0717	431875	10598	431158	
T.P.	0966	422743	10098	421777	
P.B-9-A	2957	417155	8545	414198	
T.P.	2782	413576	6361	410794	
T.P.	4252	411999	5829	407747	
T.P.	4202	408372	7829	404170	
P.B-9	4989	409121	4240	404132	
T.P.	7220	413130	3211	405910	
P.I. #5-A	6369	414809	4690	408440	
T.P.	2835	412163	5481	409328	
T.B.M. #30	1481	406794	6850	405313	
TP	7041	406495	7340	399454	
T.P.	6949	409189	4255	402240	
P.I. #4-B			5092	404097	
T.P.	6242	411321	4110	405079	
T.P.	11850	419602	3569	407752	
T.P.			2861	416741	

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2363 Pg. 221
No. ____ Date ____ Date ____ Survey of PORTUGUESE BEND LANDSLIDE
X-Sec. Notes Chkd. E. R. COSS Checked ____ Survey by LIND Notes VA Date 6-11-59
No. ____ Date ____ Date ____ Map No. ____ Index S. C. Johnson 6-18-59

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STATION	B. S.	H. I.	F. S.	ELEV.
T.P.	11149	427890		416741 *
BEGIN SIDE LINE				
FRUIT TREE #1			3420	424470
END SIDE LINE				
T.P	11421	428162		416741 *
T.P.	7515	425355	10322	417840
T.P.	5949	425862	5442	419913
T.P.	3605	425288	4179	421683
R.M. #1 S.P. HILLS G-7			3640	421648
			4549	420739
RM #2			3521	421767
T.P.	1118	416136	10270	415018
T.P.	3188	409747	9577	406559
T.P.	1035	398814	11968	397777
T.P.	1086	388150	11750	387064
T.P.	3024	381213	9961	378187
P.I. #3	0721	373656	8278	372935
T.P.	0480	362375	11761	361895
T.P.	0755	353645	9435	352890
T.P.	2618	345173	11090	342555
P.I. #2A			5024	340147

F. B. 2363 Pg. 222 Job No. 002164 Division No. 10 Notes Red ____ Plotted ____ Profile ____
Survey of P.B. LANDSLIDE Date ____ No. ____ X-Sec. ____
Survey by LND Notes KANDERSON Notes Chk C. R. GOSS Checked ____
Indexed K. C. Johnson Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
H.I.		345173				
P.I. #1	0953	336499	9627	335546 *		
	BEGIN SIDE LINE					
T.P.	0281	325544	11236	325263		
T.P.	0612	316381	9775	315769		
T.P.	0647	305720	11308	305073		
T.P.	1017	295696	11041	294679		
T.P.	10050	295215	10531	285165		
S.P. HILLS H-7A ECC#1			7042	288173		
S.P. HILLS H-7A ECC#2			6987	288228		
SP. HILLS H-7A			6829	288386		
	END SIDE LINE					
P.I. #1	0310	335856		335546 *		
T.P.	1179	327402	[illegible]	326223		
T.P.	1213	317956	10659	316743		
T.P.	1005	307191	11770	306186		
T.P.	0994	297174	11011	296180		
B.C.			6118	291056		
T.P.	1040	286866	11348	285826		
P.B. #10	1205	280750	7321	279545		
T.P			10798	269952		

Profile Notes Red. Plotted Job No. 0021.64 Division No. 10 F. B. 2363 Pg. 223
No. Date Date Survey of P.B. LANDSLIDE
X-Sec. Notes Chk. C. R. GOSS Checked Survey by LIND Notes VA Date 6-12-59
No. Date Date Map No. Indexed C. Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	1113	271065		269952		
T.P.	0577	259700	11942	259123		
T.P.	0652	249295	11057	248643		
T.P.	0441	239192	10544	238751		
T.P.	0654	229489	10357	228835		
T.P.	0830	219371	10948	218541		
WF #1			8898	210473		
T.P.	1140	208827	11684	207687		
T.P.	0940	198213	11554	197273		
T.P.	0510	187103	11620	186593		
T.P.	1550	177415	11238	175865		
TBM #31		P. Line	10361	167054	TBM #31 El. = 167.050	
TBM #31	3989	171039		167050		
T.P.	3655	168345	6349	164693		
P-2			4960	163385		
P-2A	4431	166529	6247	162098		
T.P.	4261	164681	6109	160420		
P-3	4367	162398	6650	158031		
T.P.	10542	170777	2163	160235		
B.M. 34-18			2121	168650	BM 34-18 El. = 168.682	

F. B. 2363 Pg. 224 Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile
Survey of P.B. Landslide Date Date No.
Survey by Lind Notes L. Anderson Notes Chk. C. R. GOSS Checked X-Sec.
Indexed C. Johnson Date 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.	PORTUGUESE BEND LANDSLIDE LINE #2 6-12-59
B.M. 34-15A	2714	233701		230987	BM 34-15A, EL = 230.987
TP	4174	232494	5381	228320	
TP	3392	229947	5939	226555	
TP	3371	227144	6174	223773	
TP	1753	221364	7533	219611	
TP	3187	217424	7127	214237	
BM 50-13A	3378	213785	7017	210407	*
BM 50-13	2108	210099	5794	207991	
TP	11413	215015	6497	203602	
TP	11673	224696	1992	213023	
TP	11927	235787	0836	223860	
TP	10615	244575	1827	233960	
T.P.	11623	254812	1382	243193	
T.P	11322	265551	0587	254229	
T.P.	11721	276678	0594	264957	
T.P.	11839	286807	1710	274968	
T.P.	11452	297362	0897	285910	
T.P.	11209	307497	1074	296288	
TP	8732	314615	1614	305883	
Shields	8201	318539	4277	310338	
T.P.			3775	314764	

Profile Notes Red. Plotted Job No. 0021.64 Division No. 10 F. B. 2363 Pg. 225
No. Date Date Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. C. R. GOSS Checked Survey by LIND Notes VA Date 6-12-59
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.	
T.P.	8023	322787		314764	
G-1	4427	320149	7065	315722	
T.P.	6960	325711	1398	318751	
A-4			3509	322202	
A-3	11007	334698	2020	323691	
T.P.	11897	345790	0805	333893	
T.P.	11243	356043	0990	344800	
T.P.	11367	365877	1533	354510	
RADIAL-1	3395	364335	4937	360940	
T.P.	1100	354685	10750	353585	
BM 50-12			11970	342715	
T.P.	12005	365713	0977	353708	
T.P.	11270	376104	0879	364834	
T.P.	9836	384127	1813	374291	
D-2			—	—	COVERED
T.P.	11878	395537	0468	383659	
T.P.	11581	405036	2082	393455	
T.P.	11946	415125	1857	403179	
T.P.	9145	423482	0788	414337	
T.P.			11125	412357 *	

BEGIN SIDE LINE

F. B. 2363 Pg. 226 Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date Date No.
Survey by LIND Notes V. ANDERSON Notes Chk. C. R. GOSS 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.		
H.I.		423482				
T.P.	10149	430386	3245	420237		
C-1			1985	428401		
	END SIDE LINE					
T.P.	4706	417063		412357	*	
B-1			4945	412118		
T.P.	7525	420140	4448	412615		
B-1 B			6584	413556		
P.T #1			6790	413350		
T.P.	6545	424663	2022	418118		
T.P.			7236	417427	*	
	BEGIN SIDE LINE					
T.P.	11609	435338	0934	423729		
T.P.	11820	446121	1037	434301		
B-1 C			3767	442354		
	END SIDE LINE					
	3681	421108		417427	*	
PB.9-A			6868	414240	PB 9-A EL: 414.198 per PG. 221	

Profile Notes Red ____ Plotted ____ Job No. 002164 Division No. 10 F. S. 2363 Pg. 227
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. C. R. GOSS Checked ____ Survey by LIND Notes YA Date 6-12-57
No. ____ Date ____ Date ____ Map No. ____ Indexed C. John Date ____

76L-298 S & E #307—1-56

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6-15-59

P.B. LANDSLIDE LINE 50 UPPER CRENSHAW

STATION	B. S.	H. I.	F. S.	ELEV.		
BM 50-9	7733	1007136		999403	BM - 50-9	EL= 999.403
T.P.	0605	996802	10939	996197		
T.P.	0577	985637	11742	985020		
T.P.	0932	974681	11888	973749		
T.P.	0964	964677	10968	963713		
T.P.	1413	954275	11815	952862		
T.B.M. #11			7003	947272		
T.P.	1209	944282	11198	943077		
Z - 1			8868	935418		
T.P.	0662	933750	11198	933088		
T.P.	1578	924739	10589	923161		
T.P.	1340	914490	11589	913150		
T.P.	0754	904382	10862	903628		
T.P.	1093	893786	11689	892693		
T.P.	0568	883326	11028	882758		
T.P.	0952	872775	11503	871823		
T.P.	1208	863027	10956	861819		
BM 50-10			4857	858170		
T.P.	1321	854580	9768	853259		
T.P.	1274	845211	10643	843937		
T.P.	1202	835695	10718	834493		

F. B. 2363 PG. 228 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 Line Notes Chk. C. R. GOSS Checked
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.		
		835 695				
T.P.	0988	825 415	11268	824427		
T.P.	1048	814 552	11911	813504		
T.P.	0853	804 242	11163	803389		
Y-4			9095	795147		
T.P.	1038	794 333	10947	793295		
T.P.	1474	785 215	10592	783741		
T.B.M. # 12			8028	777187		
T.P.	0224	774 096	11343	773872		
T.P.	0403	762 655	11844	762252		
T.P.	0745	751 955	11445	751210		
T.P.	1028	741 035	11948	740007		
T.P.	0699	730 171	11563	729472		
T.P.	0455	719304	11322	718849		
T.P.	0856	709 212	10948	708356		
T.P.	1145	699 125	11232	697980		
T.P.	0382	688 270	11237	687888		
T.P.	0828	679554	9544	678726		
T.B.M. # 13			3551	676003		
T.P.	1047	670390	10211	669348		
T.P.	0658	659 690	11358	659032		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2363 Pg. 229
Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. No. ____ Notes Chk. C. R. GOSS Checked ____ Survey by LINO Notes LINO Date 6-15-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

76L-298 S & E #307—1-56

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F. B. 2363 Pg. 270 Job No. 00 21.64 Division No. 10 Notes Red ____ Plotted ____ Profile ____
Survey of P.B. Landslide Date ____ Date ____ No. ____ X-Sec. ____
Survey by Line Notes Line Notes Chk. G. R. GOSS Checked ____
Indexed C. Johnson Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
		659 690				
TP	5227	655 013	9904	649786		
BM. 50-11			7440	647573	BM 50-11	EL = 647.509
					P.B. Landslide Line #3	6-15-59
TB.M 34-15A	0968	231 955		230987	TB.M 34-15 A	EL = 230.987
TP	1075	221 818	11212	220743		
TP	0360	211 030	11148	210670		
K-13			9272	201758		
TP	0882	200 800	11112	199918		
K-12			8660	192140		
TP	1028	190 244	11584	189216		
K-11	1762	183 159	8851	181397		
K-10 A	0871	173 628	10398	172757		
K-10 B			3449	169679		
K-10-C			6137	167491		
K-10			6199	167479		
K-9-A	5761	169 291	10096	163530		
K-9-13	[illegible]		7356	161935		
K-9			9950	159341		
K-8A	0545	158 403	11433	157858		

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.		
		158 403				
K-8-B			2868	155 535		
T.P.	0845	147 668	11 580	146823		
T.P.	0194	139 114	8748	138920		
T.P.	10488	138 875	10727	128387	*	
		BEG SIDE LINE TO STA K-5				
Sta. K-5			2832	136 043		
		END SIDE LINE				
T.P.	1773	130 160		128 387	*	
T.P.	1155	120 633	10682	119478		
W-4	4549	113 430	11752	108881		
W-3			2723	110707		
K-5 AUX	0865	102 650	11645	101785		
T.P.	0524	92 380	10794	91856		
K-4	1503	83 021	10862	81 518		
T.P.	1591	74 209	10 403	72618		
K-A B			3061	71 148		
T.P.	0602	65 150	9661	64 548		
K-B			4103	61 047		
T.B.M. #28	2692	61 833	6009	59 141		
K "C"			5763	56 070		

Profile Notes Red. Plotted Job No. 002164 Division No. 18 F. B. 2363 Pg. 731
No. Date Date Survey of P.B. Landslide
X-Sec. Notes Chkd. C. R. GOSS Checked Survey by Lino Notes Lino Date 6-15-59
No. Date 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.		
		61 833				
K-3A			6423	55 410		
T.P.	0707	52 930	1 604	52 229		
T.P.	2452	45 000	10388	42 548		
TBM #27 Aux 2	3517	38 612	9905	35 095		
K-2A			5023	33 589		
T.P.	0608	28 697	10523	28 689		
T.P.	4205	22 820	10082	18 615		
T.B.M # 26-B			8030	14 790		
" 26-C			5320	17 500		
T.P.	4946	21 573	6193	16 627		
TBM. # 26			5502	16 071		
TBM # 26 D			4880	16 693		
TBM # 26 E			0630	20 943		
T.P.	3897	21 491	3979	17 594		
T.P.	0714	13 593	8612	12 879	*	
	BEG.	SIDE	LINE	TO	K-1	
Sta P.B 1			5963	7 630		
	END	SIDE	LINE	TO	K-1	
T.P.	11302	24 181		12 879	*	
CLUBHOUSE			5038	19 143		

F. B. 2363 Pg. 232

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

Survey of P. B. Canoe Side Date Date No. X-Sec.

Survey by Line Notes Line Notes Chk. E. R. GOSS Checked No.

Indexed E. 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.		
		24181				
P.B. 2-A	6435	22687	7929	16252		
T.P.	0342	13608	9421	13266		
T.P.	7828	11143	10293	3315		
P.B. 5-A			10344	0799		
T.P.	5518	9241	7420	3723		
T.P.	5378	9401	5218	4023		
T.P.	4868	7994	6275	3126		
P.B. 6A			7594	0400		
T.P.	9548	13519	4023	3971		
P.B. # 7			1699	11820		
T.P.	6772	18581	1710	11809		
T.P.	2537	15010	6108	12473		
T.P.	2424	13651	3783	11227		
T.P.	4533	12772	5412	8239		
PB # 8			4749	8023	P.B. # 8 EL=	7.994
					END OF RUN	

Profile Notes Red. ____ Plotted ____ Job No. 002168 Division No. 10 F. B. 2363 Pg. 233
No. ____ Date ____ Date ____ Survey of P.P. Lakeshore
X-Sec. Notes Chk. C. R. GOSS Checked ____ Survey by Lino Notes C. Johnson Date 2-15-59
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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F. B. 2363 Pg. 234 | Job No. 002164 | Division No. 16 | Notes Red | Plotted | Profile No.
Survey of P.B. LANDSLIDE | Date | Date | X-Sec. No.
Survey by LINE | Notes LINE | Notes Chkd. C. R. GOSS | Checked
Indexed C. Johnson | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	P. B. LANDSLIDE LINES 4 & 6, 6-16-59
P.B. 9-A	0840	415038		414198	P.B. 9-A EL= 414.198 pg. 221
T.P.	0701	405150	10589	404447	
T.P.	1252	395463	10939	394211	
T.P	1458	386461	10460	385003	
T.P	1068	376327	11207	375254 *	
	BEGIN SIDE LINE				
T.P.	0910	365831	11401	364921	
T.P.	3587	360091	9627	356204	
S.B. #3			7275	352816	
	END SIDE LINE				
T.P.	11164	386418		375254 *	
S.B. #2	11524	394723	3219	383199	
S.B. #1			5453	389270	
T.P.	9881	400400	4198	390575	
P.T. #2AUX.			5101	395305	
T.P.	0430	389727	11109	389297	
P.T. #3			5195	384532	
T.P.	0975	379112	11590	378137	
P.T. #4	1587	370039	10660	368452 *	BEGIN SIDE LINE
T.P.	1164	360475	10728	359311	
T.P.			8875	351600	

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P	0534	352 134		351 600		
T.P	0620	341 792	10962	341 172		
T.P.	0575	333 272	7695	332697		
H-2A			5316	327956		
T.P.	0784	322 834	11222	322050		
H-4			11609	311225		
		END SIDE LINE				
		BEGIN SIDE LINE				
P.T. #4	11887	380339		368452	*	
T.P.	10545	390 294	3590	379749		
T.P.	8335	396 818	1811	388483		
W. FIX			3042	393776		
		END SIDE LINE				
TP	1441	369893		368452	*	
TP	0925	359350	11468	358425		
TP	1012	349698	10664	348686		
PT #5	1000	340348	10350	339348		
TP	0522	329360	11510	328838		
TP	1571	319803	11128	318232		
PT #6 AUX2	7462	318946	8319	311484	*	
		BEGIN SIDE LINE				

Profile Notes Red ____ Plotted ____ Job No. 0021164 Division No. 10 F. B. 2363 Pg. 235
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. C. R. GOSS Checked ____ Survey by LIND Notes 44 Date 6-16-59
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.		
H.I.		318 946				
T.P.	11876	320725	10097	308849		
I-1			3551	317174		
T.P.	0631	309480	11876	308849		
T.P.	0405	297950	11935	297545		
T.P	6548	293837	10661	287289		
I-2			8898	284939		
I-3			11278	282559		
T.P.	11939	302278	3498	290339		
BLAKESLEY			0688	301590		
	END SIDE LINE					
P.T #6 AUX 2	0524	312008		311484	*	
BM-L			4955	307053		
T.P.	0482	300879	11611	300397		
T.P.	0887	291373	10393	290486		
T.P.	1543	282999	9917	281456		
TP	0867	273024	10842	272157		
PT #7			3409	269615		
T.P.	0492	261595	11921	261103		
T.P	0964	251333	11226	250369		
T.P			11399	239934		

F. B. 2363 Pg. 236 Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of P.B. LANDSLIDE Date Date No.
Survey by LIND Notes V. Anderson Notes Chk'd C. R. GOSS Checked X-Sec.
Indexed C. Johnson Date Date No.

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
TP	1070	241004		239934		
TP	0509	230463	11050	229954		
TP	0901	220980	10378	220085		
TP	1884	211311	11559	209427		
B.M-C	11865	215530	7641	203670 *		
		BEGIN	SIDE	LINE		
K-1			2266	213270		
		END	SIDE	LINE		
B.M. -C	0741	204411		203670 *		
T.P.	2461	196118	10754	193657		
BM 34-17A	6170	199367	2921	193197		
T.P.	1469	196701	4135	195232		
T.P.	6521	194561	8661	188040		
T.P.	5768	199801	0528	194033 *		
		BEGIN	SIDE	LINE		
T.P.	0704	191248	9257	190544		
T.P.	0651	180324	11575	179673		
TP	0790	169385	11729	168595		
T.P.	0459	160605	9239	160146		
T.P.	0824	149840	11589	149016		
T.P			10243	139597		

Profile Notes Red ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2363 Pg. 237
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chk. C. R. GOSS Checked ____ Survey by LIND Notes 11A Date 6-16-59
No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	0681	140 278		139597		
T.P.	1785	131670	10393	129885		
T.B.M. #25			6293	125377		
	END SIDE LINE					
TP	7074	201 107		194033	*	
T.P.	10552	205138	6521	194586		
T.P.	11827	214336	2629	202509	*	
	BEGIN SIDE LINE					
T.P.	11769	225 648	1457	213379		
T.P.	11891	236 995	0544	225104		
T.P.	7122	243 942	0175	236820		
J. 1-A			10208	233734		
T.P	11836	214345		202509	*	
J-1			8596	205749		
T.P.	11853	224418	1780	212565		
J-3	8705	225072	8051	216367		
J-4			6621	218451		
T.P.	0643	214 500	11215	213857		
RADIAL-2	9589	213 119	10970	203530		
T.P.			8330	204789		

F. B. 2363 PG. 238 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 V. ANDERSON Notes Chk. C. R. GOSS Checked
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.		
TP	0935	205 724		204789		
J-5			5362	200 362		
TP	2649	204845	3528	202196		
TBM #15	9769	207843	6771	198074		
T.P.	6259	210 301	3801	204042		
BM 50-13	5630	213 606	2325	207976		
TBM 50-13A			3211	210395	T.B.M 50-13A EL= 210.407 per P. 225	

Profile Notes Red. Plotted Job No. 0021.64 Division No. 10 F. B. 2363 Pg. 239
No. Date Date Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. C. R. GOSS Checked Survey by LIND Notes VA Date 6-16-59
No. Date Date Map No. Indexed C. Johnson Date

F. B. 2363 Pg. 240 | Job No. 0021.64 Division No. 10 Notes Red _____ Plotted _____ Profile

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

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

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76L-298 S & E #307—1-56

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P.B. Landslide Line #1 7-10-59

STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. B-1D	0490	470 965		470475	B.M. - B-1-D EL = 470.475
T.P.	0755	461 775	9945	461020	
T.P.	0818	451 753	10840	450935	
T.P.	0529	441 760	10522	441231	
T.P.	1325	432 480	10605	431155	
T.P.	1293	423 076	10697	421783	
P.B. #9-A	3348	417552	8872	414204	*
T.P.	3219	413 317	7454	410098	
T.P.	4239	411 471	6085	407232	
T.P.	4000	408 173	7298	404173	
P.B. #9	4240	408 391	4022	404151	
T.P.	6290	411 231	3450	404941	
P.I. #5A	6143	414584	2790	408441	
T.P.	2768	414 087	3265	411 319	
T.B.M #30	1769	407 086	8780	405317	
T.P.	7002	406439	7649	399437	
T.P.	6241	409240	3440	402999	
P.I. #4-B			5149	404091	
T.P.	8890	414644	3486	405754	
TP	8734	422 488	0890	413754	*

BEG SIDE LINE TO FRUIT TREE #1

Profile Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 2363 Pg. 241
No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by Lund Notes V.A. Date 7-10-59
No. ____ Date ____ Date ____ Map No. ____ Indexed K. C. Johnson Date 7-21-59

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.
		422 488		
T.P.	3108	424 697	0899	421 587
FRUIT TREE #1			0230	424467
	END SIDE			LINE
T.P.	9571	423324		413754
T.P.	6118	424914	4529	418796
T.P.	5787	426 026	4681	420233
T.P.	3021	424 710	4331	421 689
Sp. Hills G-7			3982	420728
Sp. Hills R.M. #2			2949	421761
T.P.	1021	418 109	7662	417048
T.P.	0632	408 611	10130	407979
T.P.	0655	397 987	11279	397332
T.P.	1024	387391	11620	386367
T.P.	3383	379545	11229	376162
P.I. # 3	0221	373 147	6619	372926
T.P.	0754	362640	11261	361886
T.P.	0361	351632	11369	351271
P.I. # 2	4433	344 575	11490	340142
P.I. # 1	0957	336 499	9033	335542
	BEG SIDE		LINE TO	H 7A.

F. B. 2363 PG. 242

Job No. 202164 Division No. 10 Notes Red. Plotted Profile

Survey of Port Bend Landslide Date Date No. X-Sec.

Survey by Lind Notes Lind Notes Chkd. Checked

Indexed A. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		336 499				
T.P.	0281	325 544	11 236	325 263		
T.P.	0 412	316 381	9775	315 769		
T.P.	0 647	305 720	11 308	305 073		
T.P.	517	295 696	11 041	294 679		
T.P.	10 053	295 215	10 531	285 165		
Spill H-7A			6829	288 386		
H7A Ecc. 1.			7042	288 173		
H7A Ecc 2			6987	288 228		
	END SIDE LINE					
P.I. # 1	0592	336 134		335 542 *		
T.P.	0974	327 189	9919	326 215		
T.P.	1541	318 278	10 452	316 737		
T.P.	0585	307 502	11 361	306 917		
T.P.	0282	296 455	11 329	296 173		
B.C.			5410	291 045		
T.P.	1002	286 819	10 638	285 817		
P.B. #10	1 207	280 750	7276	279 543		
	1 113	271 065	10 798	269 952		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 002166 Division No. 10 F. B. 2363 Pg. 243
Date ____ Date ____ Survey of P.B. LAND SLIDE
X-Sec. Notes Chkd. ____ Checked ____ Survey by LIND Notes LIND Date 7-10-59
No. ____ Date ____ Date ____ Map No. ____ Indexed X C. Johnson Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		271 065				
TP	0577	259 700	11 942	259 123		
T.P.	0 652	249 295	11 057	248 643		
T.P.	0 441	239 192	10 544	238 751		
T.P.	0 654	229 489	10 357	228 835		
T.P.	0 830	219 371	10 948	218 541		
W.F. #1			8 898	210 473		
T.P.	1 140	208 827	11 684	207 687		
T.P.	0 940	198 213	11 659	197 273		
T.P.	0 510	187 103	11 620	186 593		
T.P.	1 550	177 415	11 238	175 865		
T.B.M. #31			10 361	167 054	T.B.M. #31	EL= 167.050

F. B. 2363 Pg. 244 Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile
Survey of P.B. LAND SLIDE Date Date No. X-Sec.
Survey by [illegible] Notes [illegible] Notes Chkd. Checked
Indexed A. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	LINE No 2	7-14-59
BM 34-15A	2919	233 906		230987	BM 34-15-A	EL= 230.987
T.P.	4002	232319	5589	228317		
T.P.	3360	230 178	5508	226811		
T.P.	3410	227 188	6400	223778		
T.P.	2552	223444	6289	220892		
T.P.	1729	217702	7471	215973		
TBM 50-13A	2589	212985	7306	210396		
BM 50-13	3990	211970	5005	207980		
T.P.	11089	215139	7920	204050		
T.P.	11886	224853	2172	212967		
T.P.	11467	235314	1006	223847		
T.P.	11214	245577	0951	234363		
T.P.	11559	254394	2742	242835		
T.P.	11410	265383	0421	253973		
T.P.	11564	276501	0446	264937		
T.P.	11579	287754	0329	276172		
T.P.	11733	297620	1864	285887		
T.P.	10641	307767	0494	297126		
T.P.	8389	314249	1907	305860		
SHIELDS	8230	318540	3939	310319		
T.P.	7702	322437	3805	314732		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 22114 Division No. 10 F. B. 2363 Pg. 745
X-Sec. No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE Date 7-14-59
Notes Chkd. ____ Checked ____ Survey by LINO Notes LINO
Date ____ Date ____ Map No. ____ Index C. Johnson Date 7-21-59

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STATION	B. S.	H. I.	F. S.	ELEV.		
		322 437				
G-1	5191	320 883	6745	315692		
T.P.	9070	327 786	2167	318716		
A-4			5617	322169		
A-3	11831	335369	4248	323533		
T.P.	10574	345540	0403	334966		
T.P.	11752	356420	0872	344668		
T.P.	10002	364657	1765	354655		
RADIAL 1	4062	364860	3859	360798		
T.P.	0322	353813	11369	353491		
BM 50-12			11290	342523		
T.P.	11616	365025	0404	353409		
T.P.	11789	376284	0830	364495		
T.P.	11704	387338	0650	375634		
T.P.	11361	398133	0566	386772		
T.P.	9917	407426	0624	397509		
T.P.	11395	418445	0376	407050		
T.P.	5674	422898	1221	417224		
T.P.			10888	412010*		
T.P.	10357	430305	2950	419948		

BEG SIDE LINE TO G-1

F. B. 2363 Pg. 246
Job No. 0021.64 Division No. 10 Notes Red Plotted Profile
Survey of PORT BEND LAND SLIDE Date Date No. X-Sec.
Survey by LIND Notes LIND Notes Chkd. Checked
Indexed H. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		430 305 ✓				
Sta. C-1			2123	428182 ✓		
		END	SIDE	LINE		
T.P.	6341	418351 ✓		412010 ✓ *		
Sta- B-1	[illegible]	[illegible]	6549	411802 ✓		
TP	4859	417470 ✓	5740	412611 ✓		
Sta B-B			4253	413217 ✓		
Pt. - #1			4585	413085 ✓		
TP	11400	427760 ✓	1110	416360 ✓ *		
		BEG	SIDE	TO B-1-C		
	11582	438220 ✓	1122	426638 ✓		
	11332	448577 ✓	0975	437245 ✓		
Sta B-1-C			6247	442330 ✓		
		END	SIDE	LINE		
T.P.	8380	424740 ✓		416360 ✓ *		
T.P.	3569	420920 ✓	7383	417357 ✓		
P.B. 9-A			6759	414167 ✓	P.B. 9-A	EL = 414.204 pg. 241

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 002164 Division No. 10 Survey of PB LAND SLIDE Survey by [illegible] Notes [illegible] Date 7-14-59 Map No. ____ Indexed ____ Date ____

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

F. B. Z 363 Pg. 247

C. Johnson

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE - Lines #5 & #4
P.B. #9-A	1172	415376		414204	EL = 414.204 per P. 241
T.P.	0269	404724	10921	404455	
T.P.	1636	395858	10502	394222	
T.P.	0695	385711	10842	385016	
T.P.	0749	376018	10442	375269	*
	BEGIN SIDE LINE				
T.P.	1220	366153	11085	364933	
T.P.	2260	359125	8688	357465	
S.B. #3			6896	352829	
	END SIDE LINE				
T.P.	10569	385838		375269	*
S.B. #2	11061	394278	2621	383217	
S.B. #1			5020	389258	
T.P.	10888	401335	3831	390447	
P.T. #2 AUX.	1147	396432	6050	395285	
P.T. #3	0483	384966	11949	384483	
T.P.	0544	375002	10508	374458	
P.T. #4	0478	368873	6607	368395	*
	BEGIN SIDE LINE				
T.P.	0689	358507	11055	357818	
T.P.			11541	346966	

F. B. 2363 PG. 248 Job No. 00 21.64 Division No. 60 Notes Red. Plotted Profile
Survey of P.B. LANDSLIDE Date Date No. X-Sec.
Survey by Lind Notes V. Anderson Notes Chkd. Checked
Indexed K. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	0765	347731		346966		
T.P.	0585	337903	10413	337318		
H-2	0915	328786	10032	327871		
T.P.	1129	319509	10406	318380		
H-4			8340	311169		
END SIDE LINE						
BEGIN SIDE LINE						
P.T #4	11829	380224		368395 *		
T.P.	10745	389734	1235	378989		
T.P.	8449	396945	1238	388496		
W. FIX			3153	393792		
END SIDE LINE						
PT #4	0533	368928		368395 *		
T.P.	0806	359176	10558	358370		
T.P.	0539	348085	11630	347546		
PT #5			8801	339284		
T.P.	0409	337293	11201	336884		
T.P.	0760	326229	11824	325469		
T.P.	1649	317370	10508	315721		
PT # 6 AUX2	6461	317856	5975	311395 *		
BEGIN SIDE LINE						
	9824	321128	6552	311304		

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 Lind Notes V.A. Date 7-15-59

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

F. B. 2363 Pg. 249

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STATION	B. S.	H. I.	F. S.	ELEV.		
		321128				
I-1			3982	317146		
T.P.	0425	311 729	9824	311304		
T.P.	0808	302 393	10144	301 585		
T.P.	2869	293923	11339	291054		
I-2			9109	284864		
I-3			11451	282472		
T.P.	11805	302051	3677	290246		
BLAKESLEE			0529	301522		
		END SIDE LINE				
Pt. 6 Aux 2	0675	312 070		311 395	*	
B.M. 2"			5128	306 942		
T.P.	0734	302 196	10608	301462		
T.P.	0654	291 055	11795	290401		
T.P.	1332	282 678	9709	281346		
T.P.	0283	272 366	10595	272083		
Pt. No 7			2830	269536		
T.P.	0583	261 330	11619	260747		
T.P.	0558	250 839	11049	250281		
T.P.	0564	242 555	8848	241991		
T.P.	0641	233 366	9830	232725		

F. S. 2363 Pg. 250
Job No. 002164 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 No.
Indexed K. C. Johnson Date Date Date

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
		233 366				
T.P.	0 806	222 677	11495	221 871		
T.P.	1177	212 499	11355	211 322		
BM "C"	11 921	215 591	8829	203 670		
	BEG SIDE LINE TO STA K-1					
Sta K-1			2361	213230		
	END SIDE LINE					
BM — "C"	0289	204 359		203 670		
T.P.	4693	195 172	10 880	193 479		
BM 34-17A	6850	200 048	4974	193 198		
T.P.	1290	193 697	7641	192 407		
T.P.	1135	200 873	1959	191 738		
T.P.	1764	197 657	4981	195892	*	
	BEG SIDE LINE TO TBM No 25					
T.P.	1087	187 192	11 548	186 105		
T.P.	0846	177 345	10 693	176 499		
T.P.	0985	167 255	11 075	166 270		
T.P.	0488	157 312	10 431	156 824		
T.P.	0295	146 602	11 005	146 307		
T.P.	0886	136 877	10 611	135 991		
T.B.M #25			11 388	125 489	END SIDE LINE	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021.24 Division No. 10 F. B. 2363 Pg. 251
Date ____ Date ____ Survey of R.B. LAND SLIDE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 7-15-59
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	4241	200 133		195 842	*	
T.P.	11 688	204 671	7150	192 983		
T.P.	11 499	213 865	2305	206 366	*	
	BEG SIDE		LINE	TO W-1A		
T.P.	11 473	224 235	1103	212 762		
T.P.	11381	235 270	0240	223 995		
T.P.	8780	243 100	1056	234 320		
W-1-A			9475	233 625		
		END	SIDE	LINE		
T.P.	11811	214 177		202 366	*	
W-1			8616	205 561		
T.P.	11941	225 768	0350	213 827		
W-3	9748	225 913	9603	216 165		
W-4			7615	218 298		
T.P.	0830	215 034	11709	214 204		
RADIAL No 2	5548	209 039	11543	203 491		
T.P.	1850	205 738	5151	203 888		
W-5			5447	200 291		
T.P.	2679	204 798	3619	202 119		
TBM # 15	9621	207 649	6770	198 028		
T.P.	6930	210 988	3591	204 058		

F. B. 2363 Pg. 252
Job No. 002164 Division No. 10 Notes Red. Plotted Profile
Survey of R.R. Land Line Date No.
Survey by Line Notes Line Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date No.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		210 988				
T.P.	6430	213 589	3829	207 159		
T.B.M 50-13A			3181	210 408	TBM 50-13A	EL= 210.407 pg.
					P.B. LANDSLIDE LINE No 3 7-16-59	
TBM 34-15A	1748	232 735		230 987	TBM 34-15-A	EL= 230.987
T.P.	0362	221 348	11749	220 986		
T.P.	0426	211 099	10675	210 673		
K-13			9341	201 758		
T.P.	0603	200 523	11179	199 920		
K-12			8384	192 139		
T.P.	0468	189 670	11 321	189 202		
K-11			8 287	181 383		
T.P.	0872	179 480	11062	178 608		
K-10A			6729	172 751		
K-10B			9821	169 659		
K-10C	1984	169 458	12006	167 474		
K-10			2008	167 450		
K-9A			5943	163 515		
K-9B			7533	161 925		
K-9			10135	159 323		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 7363 Pg. 753
X-Sec. No. ____ Date ____ Date ____ Survey of Port Bend Land Slide
Notes Chkd. ____ Checked ____ Survey by Lind Notes Lind Date 7-15-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date 7-21-59

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
K-9	1628	160 951		159323		
K-8A			3105	157846		
K-8B			5431	155520		
T.P.	0238	149696	11493	149458		
T.P.	0577	139486	10787	138909		
T.P.	9215	137593	11108	128378	*	
	BEGIN SIDE LINE					
K-5			1560	136033		
	END SIDE LINE					
T.P	0759	129137		128378	*	
T.P.	0452	118528	11061	118076		
W-3			7829	110699		
W-4			9668	108860		
T.P.	1722	109012	11238	107290		
K-5 AUX.			7223	101789		
T.P.	0225	98679	10558	98454		
T.P.	0341	87179	11841	86838		
K-4			5888	81291		
T.P.	0807	77702	10284	76895		
K-AB			6782	70920		
T.P.			11246	66456		

F. B. 2363 Pg. 254 Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile
Survey of PORT BEND LANDSLIDE Date Date No. X-Sec.
Survey by Lind Notes V. Anderson Notes Chkd. Checked
Indexed K. C. Johnson Date Date Date No.

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.	1084	67 540		66456		
K-B			6721	60819		
TBM 28			8491	59049		
K-C	1823	57 789	11574	55966		
K-3A			2544	55245		
T.P.	2028	48 244	11573	46216		
T.P.	2137	38 813	11568	36676		
TBM 27AUX 2			3728	35085		
K- 2A			5063	33750		
T.P.	0623	28 778	10658	28155		
T.P.	4070	22 676	10172	18606		
T.B.M. 26-B			8020	14656		
TBM 26-C			5230	17446		
T.P.	4368	21 186	5858	16818		
TBM-26			5153	16033		
TBM.26-D			4510	16676		
TBM 26-E			0110	21076		
T.P.	4885	21842	4229	16957		
T.P.	2188	15 681	8349	13493 *		
	BEGIN SIDE LINE					

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F.B. 2363 Pg. 255
X-Sec. No. ____ Date ____ Date ____ Survey of PORT BEND LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by Lind Notes VA Date 7-16-59
Date ____ Date ____ Map No. ____ Indexed [redacted] Date ____

F.B. 2363 Pg. 256

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

Survey of PORT BEND LANDSLIDE Date Date No.

Survey by Lind Notes V. Anderson Notes Chkd. Checked

Indexed K. C. Johnson Date Date Date

VAL-296 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	
H-1.		15 681			
sta. PB #1			8073	7608	
END SIDE LINE					
T.P.	11277	24 770		13493 *	
CLUB HOUSE			5484	19286	
P.B. 2-A	1 086	17 581	8275	16 495	
T.P.	3869	12 350	9100	8 481	
T.P.	6388	10 689	8049	4 301	
P.B. #5-A			9988	0 701	
T.P.	6633	10 192	7130	3 559	
T.P.	3850	10 160	3882	6 310	
T.P.	6483	9 374	7269	2891	
P.B. 6-A			9034	0340	
T.P.	9334	13565	5143	4231	
P.B. #7	5002	16 830	1737	11828	
T.P.	5548	17 769	4609	12221	
P.B. #8			9739	8030	EL = 7.994

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	P.B. LANDSLIDE LINE 50 UPPER CRENSHAW
BM 50-9	6605	1006008		999403	B.M. 50-9 EL=999.403 7-20-59
T.P.	0189	994754	11438	994570	
T.P.	0781	984660	10874	983885	
T.P.	0428	973374	11720	972946	
T.P.	0992	962474	11895	961479	
T.P.	0714	951893	11352	951119	
TBM# 11			4612	947281	
T.P.	0865	941283	11475	940418	
SHA Z-1			5852	935431	
T.P.	0688	931310	10661	930622	
T.P.	0507	920892	11245	920065	
T.P.	0192	910665	10419	910473	
T.P.	0915	900429	11151	899514	
T.P.	0350	889378	11301	889128	
T.P.	0641	879824	10195	879183	
T.P.	0412	869208	10911	868913	
BM 50-10			11240	858168	
T.P.	0430	859554	10281	859124	
T.P.	0741	848574	11721	847833	
T.P.	0481	837227	11828	836746	
T.P.	0299	826893	10653	826594	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0021.64 Division No. 10 F. B. 23C3 Pg. 257
X-Sec. No. ____ Date ____ Date ____ Survey of P.B. LANDSLIDE
Notes Chkd. ____ Checked ____ Survey by ____ Notes LINE Date 7-20-59
Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

F. B. 2363 Pg. 758 Job No. 0021.64 Division No. 10 Notes Red. Plotted Profile

Survey of P.B. Land Slide Date Date

Survey by Lino Notes Lino Notes Chkd. Check

Indexed C. Johnson Date Date Date

LOS ANG[illegible]

T.P.	0557	805 087	11 [illegible]	804 [illegible]	
Y-4			9945	795 142	
T.P.	1169	795 193	11 063	794 024	
T.P.	3673	787 104	11 762	783 431	
TBM # 12			9912	777 192	
T.P.	0440	776 594	10 945	776 156	
T.P.	0529	765 555	11 570	765 0[illegible]	
T.P.	0671	754 901	11 325	754 230	
T.P.	0635	744 179	11 360	743 541	
T.P.	0396	733 815	10 760	733 419	
T.P.	0448	722 838	11 415	722 400	
T.P.	0682	711 740	11 750	711 058	
T.P.	1185	702 317	10 [illegible]	701 132	
T.P.	0978	691 659	11 630	690 681	
T.P.	1111	681 268	11 502	680 157	
T.B.M. # 13			[illegible]	676 007	
T.P.	0937	671 835	10 370	670 898	
T.P.	0579	661 994	10 420	661 415	
T.P.	3043	655 603	9434	652 560	
BM 50-11			8022	647 581	BM 50-11 El = 647.509

END OF RUN