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

F. B. 3871 PG.

e	Job	Description
		BISCAILUZ CENTER SUBSIDENCE 0084.00
	B.M.	Rerun of Bench levels July 1971
	B.M.	" " " " Jan. 1972
	B.M.	" " " " June 1972
	B.M.	" " " " Feb. 1973
	B.M.	" " " " Oct. 1973
	B.M.	" " " " April 1974
	B.M.	" " " " Oct. 1974
	B.M.	" " " " May 1975
	B.M.	" " " " Sept. 1975
	B.M.	" " " " Nov. 1975
	B.M.	" " " " Jan. 1976
	B.M.	" " " " Mar. 1976
	B.M.	" " " " Mar. 1977

Not microfilmed

F. B. 3871 PG. 5

Profile No. | Notes Red | Date | Plotted | Date | Job No. 008400 | Division No. 11 | Survey of BISCAILUZ CTR. SUBSIDENCE CHECK
X-Sec. No. | Notes Chk'd. P.L.B. | Date | Checked | Date | Survey by ACG | Notes ACG | Date 7/22/71
Map No. | Indexed ALL | Date AUG 5 71

JOB NO 0084.00

BISCAILUZ CENTER
SUBSIDENCE
RE-RUN OF BENCH LEVELS

JULY 23 1971

STATION	B. S.	H. I.	F. S.	ELEV.
			GUIZADO	
			MASSEY	
			WEST	
			FISHER	

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

F. B. 3871 Pg. 6 | Job No. 0284 Division No. 11 | Survey of Reservoir etc Subsidence | Survey by ACG Notes ACG | Indexed ■ L.GAU! Date | Notes Red Plotted Profile | Date Date No. | Notes Chk'd. KCO Checked X-Sec. | Date 2-17-71 Date No.

STATION	B. S.	H. I.	F. S.	ELEV.			
BM #1	328	622 74		619 46	BM #1 FB 887-7; FB 1136-29; FB 1668-12 ELEV = 619.458 (1944) WATER TANK CUT "X" IN BOLT HEAD IN BEARING PLATE OF SE'ly LEG OF WATER TANK		
BM #1A	378	623 08	344	619 30	BM #1-A FB 1668-6 ELEV = 619.317 (1944) WATER TANK TOWER Bf SPK in conc. pilar OF NE'ly LEG OF WATER TANK		
	346	615 15	10 39	612 69			
D-1	397	613 83	529	609 86	D-1	FB 2937-204	CHISEL "X" in conc
C-1			390	609 93	C-1	" "	"
B-1			4 04	609 79	B-1	" 203	"
D-2			431	609 52	D-2	" 204	Bf SPK WET
C-2	1030	619 85	428	609 55	C-2	" "	Ld & CE TAG
B-2			991	609 94	B-2	" 203	"
A-1A (NEW)			9 12	610 13	A-1A	" 212	(NEW) "
TP	850	626 52	183	618 02			
A-2			291	623 61	A-2	" 203	1" IP & CE TAG
A-3			332	623 20	A-3	" "	"
A-4	174	622 23	603	620 49	A-4	" 205	Lg Bf SPK WET
A-5			915	613 08	A-5	" "	2" IP & Sm Bf SPK
A-6			914	613 09	A-6	" "	"
B-4	429	615 30	11 22	611 01	B-4	" "	Ld & CE TAG
B-5			1 94	607 36	B-5	" "	3" IP & Sm Bf SPK
B-6			725	608 05	B-6	" "	"

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

Profile Notes Red Plotted Job No. 2284.00 Division No. "
No. Date Date Survey of Reconn. Cpt. Jurisdiction
X-Sec. Notes Chk'd. RLK Checked Survey by ACG / Notes ACG Date 1-23-71
No. Date / / Date / / Map No. Indexed ALL Date MC 5-71

F. B. 3811 Pg. 7

STATION	B. S.	H. I.	F. S.	ELEV.			
		615 30					
B-3	370	608 31	10 69	604 61	B-3	FS 1937-203	Lg of spk W E
C-3			224	606 07	C-3	" 204	"
C-4	050	605 35	3 46	604 85	C-4	" 206	Ld E CE TRG,
C-5			9 42	595 93	C-5	" "	2" IP & Sm Lt spk
C-6			8 80	596 55	C-6	" "	"
T.P.	077	595 85	10 27	595 08			
TP	354	587 65	11 74	584 11			
D-3			851	579 14	D-3	" "	"
D-4			793	579 72	D-4	" "	"
TP	115	579 05	975	577 90			
TP	501	573 23	10 83	568 22			
TP	570	567 89	11 04	562 19			
C-7	047	558 21	10 15	557 74	C-7	" 209	Lg Sl Sp. + TO E W
D-5			718	551 03	D-5	" 208	"
D-6			656	551 65	D-6	" "	2" IP & Sm Sl spk
D-7			597	552 24	D-7	" "	"
TP	277	553 80	718	551 03			
POT			875	545 05	POT	" 208	Spk & T
TP	11 63	562 66	277	551 03			

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		562 66				
C-8			5 87	556 79	C-8 FB 2937-208	2" IP & Sm Btspk
C-9			4 02	558 64	C-9 " "	"
B-8			1 61	561 05	B-8 " 209	"
B-9	10 39	572 02	1 03	561 63	B-9 " "	"
B-7			9 46	562 56	B-7 " "	Lg Btspt T&W
A-7			4 77	567 25	A-7 " 210	"
A-8			6 29	565 73	A-8 " "	2" IP & Sm Btspk
A-9			5 47	566 55	A-9 " "	"
PI #3	3 85	572 95	2 92	569 10	PI #3 " "	1" IP & CE TAG
TP	2 18	563 39	11 74	561 21		
TBM	4 01	563 78	3 62	559 77	TBM ELEV=559.650 FB 2993-112,115 NO SIDE GATE HOUSE SYBIL Brand Inst. SO SIDE of ENT. GATE Btspk in Ld conc cb	
TBM		3 68		560 10	TBM ELEV=560 000 FB2919-250 FB2993-213 SW COR of GATE HOUSE SYBIL Brand Inst. Fd chisel (-) in steel column	

F.B. 3871 PG. 8 Job No. 2084 00 Division No. " Notes Red Plotted Profile
Survey of Biscaluz etc Subsidence Date Date No.
Survey by ACG Notes ACG Notes Chk'd. RGB Checked X-Sec.
Indexed B. J. GALLI Date Date 1-19-76 Date No.

F. B. 3871 PG. 9

Profile	Notes Red	Plotted	Job No. 0084 00	Division No. 11	
No.	Date	Date	Survey of [illegible] etc Subsidence		
X-Sec.	Notes Chk'd. RCB	Checked	Survey by ACG	Notes KGM	Date 1/18/72
No.	Date 1-19-72	Date	Map No.	Indexed C. J. GALLI	Date JAN 18 '72

JOB NO 008400

BISCAILUZ CENTER
RESERVOIR
SUBSIDENCE CHECK

RE RUN OF VERTICAL Control

JANUARY 18, 1972

STATION	B. S.	H. I.	F. S.	ELEV.
				Guizado
				MASSEY
				West
				LYBRAND
				FISHER

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

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

Do not extend notes this side of this line.

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
BM #1				619 46	BM #1 FB887-7; FB1136-29; FB1668-12 ELEV=619.458 (1944) WATER TANK CUT "X" IN BOLT HEAD in BEARING PLATE of SE'Y LEG of WATER TANK
	3 80	623 26			
BM #1-A			3 95	619 31	BM #1-A FB1668-6 ELEV=619.317 (1944) Bt Spk in conc PILLAR of NE'Y LEG of ELEVATED WATER TANK
	3 83	623 14			
T.P.			10 45	612 69	
	2 38	615 07			
D-1			5 20	609 87	D-1 FB 2937-204 Chisel "X" in conc.
	4 80	614 67			
C-1			4 77	609 90	C-1 " " " " " "
D-2		614 67	5 14	609 53	D-2 " " Bt. Spk w&tin
B-1		614 67	4 85	609 82	B-1 " 203 chisel "X" in conc.
C-2-T.P.		614 67	5 10	609 57	C-2 " 204 Ld & C.E. tag
	5 44	615 01			
B-2			5 06	609 95	B-2 " 203 "
A-1A		615 01	4 97	610 04	A-1A " 212 "
C-3		615 01	8 95	606 06	C-3 " 204 Lg Bt. Spk w&tin
B-4		615 01	4 00	611 01	B-4 " 205 Ld & C.E. tag
B-3		615 01	10 40	604 61	B-3 " 203 Lg Bt. Spk w&tin
T.P.			0 55	614 46	
	12 00	626 46			
A-2			3 90	622 56	A-2 " 203 (NEW) Set 1-14-72 2" I.P. C.E. tag

F. B. 3871 Pg. 10 Job No. 0084 00 Division No. 11 Notes Red Plotted Profile
Survey of Biscailuz Ctr. Subsidence Check Date Date No.
Survey by G. J. Gall Notes RGM Notes Chk'd. RB Checked X-Sec.
Indexed Date Date 1-19-72 Date No.

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
A-3		626 46	3 27	623 19	A-3	FB 2937-203	1" I.P. & C.E. tag
A-4 T.P.		626 46	5 99	620 47	A-4	" 205	Lg Bt. Spk w & tin
	0 39	620 86					
A-5			7 78	613 08	A-5	" "	2" I.P. & Sm. Bt. Spk
A-6		620 86	7 78	613 08	A-6	" "	"
T.P.			9 86	611 00			
	0 62	611 62					
B-5			4 25	607 37	B-5	" "	"
B-6		611 62	3 57	608 05	B-6	" "	"
C-4		611 62	6 79	604 83	C-4	" 206	Ld & C.E. tag
T.P.			9 68	601 94			
	0 23	602 17					
C-5			6 24	595 93	C-5	" "	2" I.P. & Sm. Bt. Spk.
C-6		602 17	5 63	596 54	C-6	" "	"
T.P.			11 16	591 01			
	0 59	591 60					
D-4 T.P.			11 92	579 68	D-4	" "	"
	1 19	580 87					
D-3			1 75	579 12	D-3	" "	"
T.P.		580 87	11 19	569 68			
	0 56	570 24					

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0089 00 Division No. 11 F.B. 3871 PG. 11
Date ____ Date ____ Survey of Biscailuz Ctr Subsidence
X-Sec. No. ____ Notes Chk'd. RLP Checked ____ Survey by AC6 Notes RGM Date 1-18-72
Date 1-19-72 Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

F.B. 3871 Pg. 12 | Job No. 0084 00 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Brooks Ctr Subsidence Check | Date | No. | X-Sec.
Survey by ACG | Notes RGM | Notes Chk'd. RBB | Checked
Indexed C. J. GALLE | Date | Date 1-19-76 | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.			
T.P.		570 24	10 27	559 97	TP= TRIANGULATION STA. A-5 C.E. MON. RE 5869 F/NSA		
	060	560 57					
D-5 T.P. ✓			9 68	550 89	D-5 FB 2937-208		Lg Bt. Spk W & tin
	566	556 55					
POT ✓			11 62	544 93	POT "	"	Spk & tin
D-6 ✓		556 55	5 06	551 49	D-6 "	"	2" I.P. & Sm. Bt. Spk.
D-7 ✓		556 55	4 49	552 06	D-7 "	"	"
T.P.			4 29	552 26			
	11 44	563 70					
C-7 ✓			6 03	557 67	C-7 "	209	Lg Bt Spk W & tin
C-8 ✓		563 70	7 05	556 65	C-8 "	208	2" I.P. & Sm. Bt. Spk
C-9 ✓		563 70	5 21	558 49	C-9 "	"	"
B-7 ✓		563 70	1 22	562 48	B-7 "	209	Lg Bt. Spk & tin
B-8 ✓		563 70	2 80	560 90	B-8 "	"	2" I.P. & Sm. Bt. Spk
B-9 T.P. ✓		563 70	2 24	561 46	B-9 "	"	"
	10 06	571 52					
A-7 ✓			4 33	567 19	A-7 "	210	Lg Bt. Spk. & tin
A-8 ✓		571 52	5 96	565 56	A-8 "	"	2" I.P. & Sm. Bt. Spk.
A-9 ✓		571 52	5 18	566 34	A-9 "	"	"
P.I.-3 ✓			2 50	569 02	P.I.3 "	"	1" I.P. & C.E. Tag
	1 75	570 77					

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
		570 77			
T.P.			843	562 34	
	205	564 39			
TBM.			465	559 74	TBM Elev: 559.650 FB 2993-112, 115 No. Side Gate House Sybil Brand Inst. So. Side of Ent. Gate Bt. Spk in Ld Conc. cb.
TBM			432	560 07	TBM Elev: 560.000 FB 2919-250 FB 2993-213 SW Cor of Gate House Sybil Brand Inst. Fd chisel (-) in steel column.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2089 00 Division No. 11 F. B. 3871 PG. 13
Date ____ Date ____ Survey of Biscriluz Ctr. Subsidence
X-Sec. No. ____ Notes Chk'd. RLB Checked ____ Survey by ACG Notes RGM Date 1-18-72
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3871 Pg. 15

Profile Notes Ckd. Plotted Job No. 0084.00 Division No. 11

Date Date Survey of Biscailuz Ctr. Subsidence

X-Sec. Notes Ckd. R.G.M. Checked Survey by L.L. Brown Notes R.G.M. Date 6-27-72

No. Date 7-6-72 Date Map No. Indexed G. D. BAILEY Date FEB 23 1973

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

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

Do not extend notes this side of this line.

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

JOB No. 0084.00

BISCAILUZ CENTER

RESERVOIR

SUBSIDENCE CHECK

RERUN OF VERTICAL CONTROL

JUNE 27, 1972

L. BROWN
R. MASSEY
D. WEST
C. DOMINGUEZ

76-L-296 CE 307 2-63

76-L-296 CE 307 2-63

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

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

Do not extend notes this side of this line.

F.B. 3871 Pg. 16 Job No. 2084.00 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Bicycle Ctr. Subdivision Check Date ____ No. ____ X-Sec. ____
Survey by L.L.B. Notes R.G.M. Notes Chkd. RBE Checked ____ No. ____
Indexed G.D. BAILEY Date FEB 23 1973 Date 7-6-72 Date ____

STATION	B. S.	H. I.	F. S.	ELEV.					
BM #1				619 46	BM #1 FB 887-7, FB 1136-19, FB 1668-12 ELEV. = 619.458 (1944) "WATER TANK CUT 'X' IN BOLT HEAD IN BEARING PLATE OF SE'LY LEG OF WATER TANK				
	345	622 91							
BM #1-A			360	619 31	BM #1-A FB 1668-6 ELEV 619.317 (1944) BT. SPK. IN CONC. PILLAR OF NE'LY LEG OF ELEVATED WATER TANK				
	367	622 98							
T.P.			1027	612 71					
	268	615 39							
D-1			553	609 86	D-1 F.B. 2937-204			chisel "X" in conc.	
	495	614 81							
C-1			486	609 95	C-1	"	"	" " " "	
D-2		614 81	529	609 52	D-2	"	"	Bt. Spk. w+tin	
C-2		614 81	524	609 57	C-2	"	204	Ld + C.E. tag	
B-1		614 81	499	609 82	B-1	"	203	chisel "X" in conc.	
T.P.			519	609 62					
	582	615 44							
B-2			549	609 95	B-2	"	203	Ld + C.E. tag	
A-1A (New)		615 44	496	610 48	A-1A	"	212	" " "	
C-3		615 44	940	606 04	C-3	"	204	Lg Bt. Spk. w+tin	
B-4		615 44	444	611 00	B-4	"	205	Ld + C.E. tag	
B-3		615 44	1084	604 60	B-3	"	203	Lg Bt Spk w+tin	
T.P.		615 44	496	610 48					
	1120	621 68							

76-L-298 CE 387 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T. P.		621 68	0 79	620 89		
	632	627 21				
A-3			4 03	623 18	A-3 FB 2937-203	1" I.P. + C.E. tag
					Note: Elevation double checked. Previous Elev. in error.	
A-2		627 21	3 66	623 55	A-2 " "	2" I.P. C.E. tag
A-4		627 21	6 75	620 46	A-4 " 205	Lg. Bt. Spk. w + tin
T. P.			11 49	615 72		
	156	617 28				
T. P. B2			7 32	609 96		
	357	613 53				
C-4			8 69	604 84	C-4 " 206	Ld. + C.E. tag
	481	609 65				
B-5			2 28	607 37	B-5 " 205	2" I.P. + Small Bt. Spk.
	996	617 33				
A-5			4 28	613 05	A-5 " "	" " " "
A-6		617 33	4 26	613 07	A-6 " "	" " " "
B-6 T. P.		617 33	9 27	608 06	B-6 " "	" " " "
	050	608 56				
T. P.			10 24	598 32		
	640	604 72				
C-6			8 17	596 55	C-6 " 206	" " " "
T. P. C-5		604 72	8 80	595 92	C-5 " "	" " " "

Profile No. ___ Notes Red ___ Plotted ___ Job No. 0084 Division No. 11 F.B. 3871 Pg. 17
Date ___ Date ___ Survey of Biscoiler Ctr. Subsidence
X-Sec. No. ___ Notes Chkd. RGP Checked ___ Survey by L.L. Brown Notes R.G.M. Date 6-27-72
Date 7-6-72 Date ___ Map No. ___ Indexed G. D. BAILEY Date FEB 23 1973

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

F.B. 3871 Pg. 18 Job No. 0081.02 Division No. 11 Notes Red Plotted Profile
Survey of Biscailuz Ctr. Subsidence Check Date No. X-Sec.
Survey by L.L.B. Notes R.G.M. Date Notes Chkd. RGM Checked
Indexed G.D. BAILEY Date FEB 23 1973 Date 7-6-74 Date No.

STATION	B.S.	H.I.	F.S.	ELEV.			
T.P. C-5				595 92	C-5 F.B. 2937 - 206		2" I.P. + Sm. Bt. Spk.
	537	601 29					
T.P.			11 08	590 21			
	067	590 88					
D-3		590 88	11 77	579 11	D-3 "	"	" " " "
D-4 T.P.		590 88	11 19	579 69	D-4 "	"	" " " "
	050	580 19					
T.P.			10 93	569 26			
	099	570 25					
T.P.			10 53	559 72			
	070	560 42					
D-5 T.P.			9 62	550 80	D-5 "	208	Lg Bt. Spk. w+tin
	479	555 59					
P.O.T.		555 59	10 74	544 85	P.O.T. "	"	Spk. + tin
D-6		555 59	4 23	551 36	D-6 "	"	2" I.P. + Sm. Bt. Spk
D-7 T.P.		555 59	3 64	551 95	D-7 "	"	" " " "
	811	560 06					
C-7		560 06	2 44	557 62	C-7 "	209	Lg. Bt. Spk. w+tin
C-8		560 06	3 49	556 57	C-8 "	208	2" I.P. + Sm. Bt. Spk.
C-9 T.P.		560 06	1 65	558 41	C-9 "	"	" " " "
	694	565 35					

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
B-7		565 35	2 90	562 45	B-7 FB 2937-209	Lg. Bt. Spk & tin
B-8		565 35	4 55	560 80	B-8 " "	2" I.P. & Sm. Bt. Spk.
B-9 T.P.			3 97	561 38	B-9 " "	" " "
	8 49	569 87				
A-7			2 70	567 17	A-7 " 210	Lg. Bt. Spk. & tin
A-8			4 43	565 44	A-8 " "	2" I.P. & Sm. Bt. Spk.
A-9 T.P.			3 62	566 25	A-9 " "	" " "
	7 30	573 55				
P.I. 3			4 56	568 99	P.I. 3 " "	1" I.P. & C.E. tag
T.P.			4 44	569 11		
	0 85	569 96				
T.P.			7 63	562 33		
	2 28	564 61				
TBM			4 86	559 75	TBM Elev = 559.650 FB 2993-112, 115 No. Side Gate House Sybil Brand Inst. So. side of Ent. Gate, Bt. Spk. in Ld. Conc. Ch.	
T.B.M.			4 53	560 08	TBM Elev = 560.000 FB 2919-250 FB 2993-213 SW Cor. of Gate House Sybil Brand Inst. Fd. chisel (-) in steel column.	

Profile Notes Red ____ Plotted ____ Job No. 0084.00 Division No. 11 F.B. 3871 Pg. 19
No. ____ Date ____ Date ____ Survey of Biscaitz Ctr. Subsidence
X Sec. Notes Chkd. [illegible] Checked ____ Survey by L.L. Brown Notes R.G.M. Date 6-27-72
No. ____ Date 7-6-72 Date ____ Map No. ____ Indexed G.D. BAILEY Date FEB 23 1973

F. B. 3871 PG. 21

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0084 00 Division No. ____
Date ____ Date ____ Survey of BISCAILUZ CENTER SUBSIDENCE
X-Sec. No. ____ Notes Chkd. EFSTATHIOU Checked ____ Survey by L. LIBERMAN Notes F.S.M. Date 2-15-73
Date 10/26/73 Date ____ Map No. ____ Indexed G. D. BAILEY Date FEB 23 1973

V.N. 0084.00

BISCAILUZ CENTER

RESERVOIR

SUBSIDENCE CHECK

RE-RUN OF VERTICAL CONTROL

FEB. 15, 1973

check on observation
sheet #11 3/7/73 ACG

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

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. #1				619 46	B.M. NO. 1 F.B. 887-7; F.B. 1136-29; F.B. 1668-12 ELEV. = 619.458 (1944) WATER TANK CUT "X" IN BOLT HEAD IN BEARING PLATE OF SE'LY. LEG OF WATER TANK
	310	622 56			
B.M. #1-A			325	619 31	B.M. NO. 1-A ELEV. 619.317 (1944) F.B. 1668-6 BT. SPK. IN CONC. PILLAR OF NE'LY. LEG OF ELEVATED WATER TANK
	375	623 06			
T.P.			1034	612 72	
	216	614 88			
D-1			501	609 87	D-1 F.B. 2937-204 CHIS. "+" IN CONC.
	394	613 81			
C-1			386	609 95	C-1 " " " " "
D-2		613 81	429	609 52	D-2 " " BT. SPK. W. & TIN
C-2		613 81	423	609 58	C-2 " " LD. & C.E. TAG
B-1		613 81	398	609 83	B-1 " 203 CHIS. "+" IN CONC.
T.P.			423	609 58	
	522	614 80			
B-2			485	609 95	B-2 " 203 LD. & C.E. TAG
A-1A (NEW)		614 80	434	610 46	A-1A " 212 " " "
C-3			874	606 06	C-3 " 204 LG. BT. SPK. W. & TIN
B-4		614 80	379	611 01	B-4 " 205 LD. & C.E. TAG
B-3		614 80	1019	604 61	B-3 " 203 LG. BT. SPK. W. & TIN
T.P.		614 80	070	614 10	
	1118	625 28			

F. B. 3871 PG. 22

Job No. 0084 00 Division No. Notes Red Plotted Profile
Survey of BISCAILUZ CENTER SUBSIDENCE Date Date No.
Survey by L. L. BROWN Notes R.G.M. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date FEB 23 1973 Date Date No.

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.		625 28				
A-3		625 28	207	623 21	A-3 F.B. 2937-203	1" I.P. & C.E. TAG
A-2		625 28	172	623 56	A-2 " "	2" I.P. & C.E. TAG
A-4			480	620 48	A-4 " 205	LG. BT. SPK. W. & TN
T.P.			1118	614 10		
	019	614 29				
T.P.						
C-4			945	604 84	C-4 " 206	LD. & C.E. TAG
	486	609 70				
B-5			230	607 40	B-5 " 205	2" I.P. & SMALL BT. SPK.
	963	617 03				
A-5		617 03	396	613 07	A-5 " "	" " " "
A-6		617 03	395	613 08	A-6 " "	" " " "
B-6 T.P.			897	608 06	B-6 " "	" " " "
	141	609 47				
T.P.			949	599 98		
	190	601 88				
C-6			534	596 54	C-6 " 206	" " " "
C-5			594	595 94	C-5 " "	" " " "

Profile Notes Red ____ Plotted ____ Job No. 0084 00 Division No. ____
No. ____ Date ____ Date ____ Survey of BISCAILUZ CENTER SUBSIDENCE
X-Sec. Notes Chk. F. STATHIOU Checked ____ Survey by L.L. BROWN Notes ____ Date 2-15-73
No. ____ Date 10/26/73 Date ____ Map No. ____ Indexed G.D. BAILEY Date FEB 23 1973

F.B. 3871 PG. 23

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		601 88				
T. P.			10 00	591 88		
	027	592 15				
T. P.			10 83	581 32		
	098	582 30				
D-4		582 30	2 63	579 67	D-4 F.B. 2937- 206	2" I.P. & SM. BT. SPK.
D-3			3 16	579 14	D-3 " "	" " " "
T. P.			11 03	571 27		
	040	571 67				
T. P.			11 12	560 55		
	075	561 30				
D-5 T.P.			10 65	550 65	D-5 " 208	LG. BT. SPK. W. & TIN
	369	554 34				
P.O.T.		554 34	9 60	544 74	P.O.T. " "	SPK. & TIN
D-6		554 34	3 06	551 28	D-6 " "	2" I.P. & SM. BT. SPK.
D-7 T.P.			2 51	551 83	D-7 " "	" " " "
	925	561 08				
C-7			3 55	557 53	C-7 " 209	LG. BT. SPK. W. & TIN
C-8			4 59	556 49	C-8 " 208	2" I.P. & SM. BT. SPK.
C-9 T.P.			2 76	558 32	C-9 " 208	" " " "
	10 96	569 28				

F. B. 3871 PG. 24

Job No. 0084 00 Division No. Notes Red Plotted Profile

Survey of BISCAILUZ CENTER SUBSIDENCE Date Date No.

Survey by L. L. BROWN Notes R.C.M. Notes Chk'd. Checked X-Sec.

Indexed G. D. BAILEY Date FEB 23 1973 Date Date No.

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
B-7		569 28	6 90	562 38	B-7 F.B. 2937 - 209	LG. BT. SPK. & TIN
B-8		569 28	8 58	560 70	B-8 " "	2" I.P. & SM. BT. SPK.
B-9		569 28	8 02	561 26	B-9 " "	" " " "
A-7		569 28	2 13	567 15	A-7 " 210	LG. BT. SPK. & TIN
A-8			3 95	565 33	A-8 " "	2" I.P. & SM. BT. SPK.
A-9			3 18	566 10	A-9 " "	" " " "
P.I. 3 T.P.		569 28	0 34	568 94	P.I. 3 " "	1" I.P. & C.E. TAG
	132	570 26				
T.P.			10 32	559 94		
	424	564 18				
T.B.M.			4 41	559 77	T.B.M. ELEV. = 559.650 F.B. 2993 - 112, 115 - NORTH SIDE GATE HOUSE SYBIL BRAND INST. S. SIDE OF ENT. GATE, BT. SPK. IN LD. IN CONC. CURB.	
T.B.M.			4 08	560 10	T.B.M. ELEV. = 560.000 F.B. 2919 - 250 F.B. 2993 - 213 S.W. COR. OF GATE HOUSE SYBIL BRAND INST. FD. CHIS. (-) IN STEEL COLUMN	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0084 CE Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of BISCAILUZ CENTER SUBSIDENCE
Notes Chk. ____ Checked ____ Survey by L.L. GOW Notes R.G.M. Date 2-15-73
Date 10/26/73 Date ____ Map No. ____ Indexed G. D. BAILEY Date FEB 23 1973

F.B. 3871 PG. 25

Profile No.	Notes Red	Plotted	Job No. 0084.00	Division No. 11	F. B. 3871 Pg. 27
	Date	Date	Survey of BISCAILUZ CENTER SUBSIDENCE		
X-Sec. No.	Notes Chkd. FESTATHIOU	Checked	Survey by L. L. Brown	Notes RGM.	Date 10-3-73
	Date 10/26/73	Date	Map No.	Indexed G. D. BAILEY	Date APR 25 1974

J.N. 0084.00

BISCAILUZ CENTER

RESERVOIR

SUBSIDENCE CHECK

RE-RUN OF VERTICAL CONTROL

OCTOBER 3, 1973

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

L. BROWN
R. MASSEY
L. FISHER
C. DOMINGUEZ

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

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

Do not extend notes this side of this line.

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

F. B. 3871 Pg. 28 | Job No. 2084 | Division No. 11 | Notes Red | Plotted | Profile
Survey of FISCALUZ CENTER SUBDIVISION | Date | Date | No. | X-Sec.
Survey by L. L. BRAUN Notes R.G.M. | Notes Chk'd. | Checked | No.
Indexed G. D. BAILEY | Date APR 25 1974 | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.			
B.M. #1				619 46	B.M. No. 1 F.B. 887-7; F.B. 1136-29; F.B. 1668-12 ELEV. = 619.458 (1944) WATER TANK CUT "X" IN BOLT HEAD IN BEARING PLATE OF SELY. LEG OF WATER TANK		
	349	622 95					
B.M. #1-A			365	619 30	B.M. NO. 1-A ELEV. 619.317 (1944) F.B. 1668-6 BT. SPK. IN CONC. PILLAR OF NELY. LEG OF ELEVATED WATER TANK.		
	383	623 13					
T.P.			1042	612 71	T.P.		
	242	615 13					
D-1			527	609 86	D-1 F.B. 2937-204 CHS. + IN CONC.		
	424	614 10					
C-1			416	609 94	C-1 "	"	" " "
B-1		614 10	428	609 82	B-1 "	203	" " "
D-2		614 10	460	609 50	D-2 "	204	BT. SPK. W. & TIN
C-2		614 10	453	609 57	C-2 "	204	LD. & C.F. TAG
B-2		614 10	415	609 95	B-2 "	203	LD. & C.E. TAG
	523	615 18					
A-1A			475	610 43	A-1A "	212	" " "
B-4		615 18	417	611 01	B-4 "	205	" " "
B-3			1057	604 61	B-3 "	203	LG. BT. SPK. W. & TIN
	1023	614 84					
C-3			880	606 04	C-3 "	204	" " " "
C-4			1002	604 82	C-4 "	206	LD. & C.E. TAG
T.P.			211	612 73	T.P.		

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T. P.				612 73	T.P.	
	11 80	624 53				
A-2			0 98	623 55	A-2 F.B. 2937-203	2" I.P. & C.E. TAG
A-3			1 35	623 18	A-3 " " "	1" I.P. & C.E. TAG
A-4 T.P.			4 08	620 45	A-4 " " 205	LG. BT. SPK. W. & TIN
	0 26	620 71				
A-5		620 71	7 69	613 02	A-5 " " 205	2" I.P. & SMALL BT. SPK.
A-6		620 71	7 65	613 06	A-6 " " 205	" " " " "
	3 33	616 39				
B-5			9 00	607 39	B-5 " " 205	" " " " "
B-6			8 31	608 08	B-6 " " 205	" " " " "
T. P. (B-5)			9 00	607 39	T.P.	
	0 77	608 16				
C-6			11 60	596 56	C-6 " " 206	" " " " "
	0 38	596 94				
C-5		596 94	1 01	595 93	C-5 " " 206	" " " " "
T. P.			10 94	586 00	T.P.	
	0 72	586 72				
D-3		586 72	7 62	579 10	D-3 " " 206	" " " " "
D-4			7 03	579 69	D-4 " " 206	" " " " "
T.P.			11 64	575 08	T.P.	

Profile Notes Red ____ Plotted ____ Job No. 0084.00 Division No. 11 F. B. 3871 Pg. 29
No. ____ Date ____ Date ____ Survey of BISCAILUZ CENTER SUBSIDENCE
X-Sec. Notes Chk. EFSTATHIOU Checked ____ Survey by L. L. Brown Notes RGM Date 10-3-73
No. ____ Date 10/26/73 Date ____ Map No. ____ Indexed G. D. BAILEY Date APR 25 1974

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
T. P.				575 08	T.P.		
	068	575 76					
T. P.			11 31	564 45	T.P.		
	061	565 06					
T. P.			10 99	554 07	T.P.		
	493	559 00					
D-5			845	550 55	D-5	F.B. 2937 - 208	LG. BT. SPK. W. & TIN.
	570	556 25					
P.O.T.			11 59	544 66	P.O.T.	" " "	SPK. & TIN
D-6		556 25	5 07	551 18	D-6	" " "	2" I.P. & SM. BT. SPK.
D-7		556 25	4 49	551 76	D-7	" " "	" " " "
T. P.			2 46	553 79	T.P.		
	1041	564 20					
C-7			6 74	557 46	C-7	" " 209	LG. BT. SPK. W. & TIN
C-8		564 20	7 77	556 43	C-8	" " 208	2" I.P. & SM. BT. SPK.
C-9			5 94	558 26	C-9	" " 208	" " " "
B-7			1 88	562 32	B-7	" " 209	LG. BT. SPK. & TIN
B-8			3 62	560 58	B-8	" " 209	2" I.P. & SM. BT. SPK.
B-9 (T.P.)			3 03	561 17	B-9	" " 209	" " " "
	1179	572 96					
A-7			5 83	567 13	A-7	" " 210	LG. BT. SPK & TIN

F. B. 3871 PG. 30
Job No. D084.00 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of BISCAILUZ CENTER SUBSIDENCE Date ____ Date ____ No. ____
Survey by L. L. BROWN Notes R.G.M. Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed G. D. BAILEY Date APR 25 1974 Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		572 96				
A-8			7 74	565 22	A-8 F.B. 2937-210	2" I.P. & SM. BT. SPK.
A-9			6 95	566 01	A-9 " " 210	" " " " "
P.I. #3			4 07	568 89	P.I. #3 " " 210	1" I.P. & C.E. TAG
T.P.			3 29	569 67	T.P.	
	1 31	570 98				
T.P.			11 24	559 74	T.P.	
	4 95	564 69				
TBM			4 59	560 10	T.B.M. ELEV. = 560.000 F.B. 2919-250	
					F.B. 2993-213 S.W. COR. OF GATE HOUSE	
					SYBIL BRAND INST. FO CHIS (-) IN STEEL COLUMN.	
	3 94	564 04				
TBM			4 26	559 78	T.B.M. ELEV. = 559.650 F.B. 2993-112, 115 -	
					NORTH SIDE GATE HOUSE SYBIL BRAND INST.	
					S. SIDE OF ENT. GATE BT. SPK. IN LD. IN CONC. CURB.	

Profile Notes Red ____ Plotted ____ Job No. 0084.00 Division No. 11 F.B. 3871 PG. 31
No. ____ Date ____ Date ____ Survey of BISCAILUZ CENTER SUBSIDENCE
X-Sec. Notes Checked ____ Checked ____ Survey by L. L. BROWN Notes [illegible] Date 10-3-73
No. ____ Date 10/26/73 Date ____ Map No. ____ Indexed G. D. BAILEY Date APR 25 1974

Profile No.	Notes Red	Plotted	Job No. 0084.00	Division No. 11	F. B. 3871	Pg. 33
	Date	Date	Survey of Biscailuz Center Subsidence			
X-Sec. No.	Notes Chk'd.	Checked	Survey by L.L. Brown	Notes B.G.M. Date 4-16-74		
	Date	Date	Map No.	Indexed G. D. BAILEY Date APR 25 1974		

J.N. 0084.00

BISCAILUZ CENTER RESERVOIR

SUBSIDENCE CHECK

RERUN OF VERTICAL CONTROL

APRIL 16, 1974

L. Brown
R. Massey
L. Fisher

C. Dominguez

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

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

F. B. 3871 Pg. 34 | Job No. 0084.00 Division No. 11 Notes Red Plotted Profile
Survey of Bassilian Center Subdivision Date No.
Survey by L.L. Brown Notes R. Massey Notes Chk'd. Kubur Checked X-Sec.
Indexed B.D. BAILEY Date APR 25 1974 Date 7-11-74 Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. #1				619 46	B.M. No. 1 F.B. 887-7, F.B. 1136-29, F.B. 1668-12 ELEV. = 619.458 (1944) WATER TANK CUT "X" IN BOLT HEAD IN BEARING PLATE OF S.E.LY. LEG OF WATER TANK
	366	623 12			
B.M. #1-A			381	619 31	B.M. No. 1-A ELEV. 619.317 (1944) F.B. 1668-6, BT. SPK. IN CONC. PILLAR OF N.E.LY. LEG OF ELEVATED WATER TANK.
	414	623 45			
T.P.			1071	612 74	T.P.
	260	615 34			
D-1			545	609 31	D-1 F.B. 2937-204 CHS. + IN CONC.
	508	614 97			
C-1		614 97	500	609 97	C-1 " " " " "
B-1		614 97	513	609 84	B-1 " 203 " " "
D-2		614 97	542	609 55	D-2 " 204 BT. SPK. W. + TIN
C-2		614 97	537	609 60	C-2 " 204 LD. + C.E. TAG
B-2		614 97	500	609 97	B-2 " 203 " " "
C-3		614 97	889	606 08	C-3 " 204 LG. BT. SPK. W. + TIN
C-4		614 97	1011	604 86	C-4 " 206 LD. + C.E. TAG
B-3 T.P.			1034	604 63	B-3 " 203 LG. BT. SPK W. + TIN
	1068	615 31			
B-4		615 31	428	611 03	B-4 " 205 LD. + C.E. TAG
A-1A		615 31	487	610 44	A-1A " 212 " " "
T.P.		615 31	186	613 45	T.P.
	1139	624 84			

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		624 84				
A-2			1 27	623 57	A-2 F.B. 2937 - 203	2" I.P. & C.E. TAG
	363	627 20				
A-3		627 20	3 99	623 21	A-3 " " "	1" I.P. & C.E. TAG
A-4		627 20	6 71	620 49	A-4 " " 205	LG. BT. SPK. W. + TIN
	274	623 23				
A-5		623 23	10 18	613 05	A-5 " " 205	2" I.P. & SMALL BT. SPK.
A-6		623 23	10 16	613 07	A-6 " " 205	" " " "
T.P.			11 12	612 11	T.P.	
	154	613 65				
B-5			6 25	607 40	B-5 " 205	" " " "
B-6			5 57	608 08	B-6 " 205	" " " "
T.P.			11 31	602 34	T.P.	
	428	606 62				
C-5			10 68	595 94	C-5 " 206	" " " "
C-6 T.P.			10 07	596 55	C-6 " 206	
	217	598 72				
T.P.			11 53	587 19	T.P.	
	049	587 68				
D-3			8 57	579 11	D-3 " " 206	" " " "
D-4			8 01	579 67	D-4 " " 206	" " " "

Profile Notes Red ____ Plotted ____ Job No. 0084 04 Division No. 11 F.B. 3871 Pg. 35
No. ____ Date ____ Date ____ Survey of Biscaluz Center Subsidence
X-Sec. Notes Chk'd. Kubur Checked ____ Survey by L.L. Brown Notes R.G.M. Date 4-16-74
No. ____ Date 7-11-74 Date ____ Map No. ____ Indexed G.D. BAILEY Date APR 25 1974

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

F. B. 3871 PG. 36 | Job No. 0084.10 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Biscailuz Center Subdivision Date ____ Date ____ No. ____ X-Sec. ____
Survey by L.C.S. Notes R. Massey Notes Chk'd. Kubur Checked ____ No. ____
Indexed G.D. BAILEY Date APR 25 1974 Date 7-11-74 Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
		587 68				
T.P.			11 08	576 60	T.P.	
	134	577 94				
T.P.			1098	566 96	T.P.	
	080	567 76				
T.P.			1091	556 85	T.P.	
	107	557 92				
D-5 (T.P.)			7 50	550 42	D-5 F.B. 2937 - 208	LG. BT. SPK. W. & TIN
	436	554 78				
D-6			371	551 07	D-6 " " 208	2" I.P. & SM. BT. SPK.
D-7			314	551 64	D-7 " " 208	" " " "
P.O.T.			1023	544 55	P.O.T. " " 208	SPK. & TIN
T.P.			112	553 66	T.P.	
	11 89	565 54				
C-7			815	557 39	C-7 " " 209	LG. BT. SPK. W. & TIN
C-8			920	556 34	C-8 " " 208	2" I.P. & SM. BT. SPK.
C-9			737	558 17	C-9 " " 208	" " " "
B-7			329	562 25	B-7 " " 209	LG. BT. SPK. & TIN
B-8			5 06	560 48	B-8 " " 209	2" I.P. & SM. BT. SPK.
B-9 (T.P.)			4 49	561 05	B-9 " " 209	" " " "
	11 63	572 68				

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		572 68				
A-7			5 61	567 07	A-7 F.B. 2937 - 210	LG. BT. SPK. + TIN
A-8			7 57	565 11	A-8 " " 210	2" I.P. + SM. BT. SPK.
A-9			6 80	565 33	A-9 " " 210	" " " " "
P.I.3			3 86	568 82	P.I.3 " " 210	1" I.P. + C.E. TAG
T.P.			3 08	569 60	T.P.	
	133	570 93				
T.P.			11 23	559 70	T.P.	
	531	565 01				
T.B.M.			494	560 07	T.B.M. ELEV. = 560.000,	F.B. 2993-213 S.W. COR. OF GATE
	386	563 93			HOUSE SYBIL BRAND INST.	F.O. CHIS (-) IN STEEL COLUMN.
T.B.M.			417	559 76	T.B.M. ELEV = 559.650	F.B. 2993-112, 115-
					NORTH SIDE GATE HOUSE	SYBIL BRAND INST.
					S. SIDE OF ENT. GATE	BT. SPK. IN LD. IN CONC CURB

Profile Notes Red ____ Plotted ____ Job No. 1084.00 Division No. 11 F.B. 3871 Pg. 37
No. ____ Date ____ Date ____ Survey of Biscailuz Center Subsidence
X-Sec. Notes Chk'd. Kubur Checked ____ Survey by L. L. Brown Notes R.G.M. Date 4-16-74
No. ____ Date 7-11-74 Date ____ Map No. ____ Indexed G. D. BAILEY Date APR 25 1974

F. B. 3871 Pg. 39

Profile No. | Notes Red | Plotted | Job No. 008405 | Division No. 11
Date | Date | Survey of Biscailuz Ctr. Subsidence
X-Sec. No. | Notes Chk'd R. MANOR | Checked | Survey by Guizado | Notes | Date 9/6-4/74
Date NOV 25 1974 | Date | Map No. | Indexed J. M. PALMER | Date OCT 21 1974

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
					JOB NUMBER 008405 BISCAILUZ CENTER RESERVOIR SUBSIDENCE CHECK RERUN OF VERTICAL CONTROL
					OCTOBER 9, 1974
					LETTER #53506
					Guizado Moody Walsh Priebe

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM #1	4269	623.727		619 458	BM #1 FB987-7; FB1136-29	FB1668-12 ELEV=619.458
			4420		(1944) WATER TANK cut 'X'	in Bolt HEAD IN BEARING
					Plate of S'Ely LEG of	Water TANK
BM #1-A	2832	622.139		619302	BM #1-A ELEV=619.317	(1944) FB1688-6, Stop &
TP	4.259	615201	11.197	610942	in conc pillar of NEly	LEG of ELEVATED water TANK
TP	4533	614.907	4827	610374		
D-1			503	609 88	D-1 FB2937-204	CHIS + 111 conc.
C-1			495	609 96	C-1 " " "	" " " "
B-1			507	609 84	B-1 " " 203	" " " "
D-2			538	609 53	D-2 " " 204	BT SPK W&T
C-2	5995	615593	5309	609598	C-2 " " "	L&C.E. TAG
B-2			562	609 97	B-2 " " 203	" " "
A-1			516	610 43	A-1A " " 212	" " "
C-3			9530	606063	C-3 " " 204	" " "
B-3			1096	604 63	B-3 " " 203	Lg BT SPK W&T.
B-4	11 142	622178	4 557	611 036	B-4 " " 205	L & C.E. TAG
A-4 BT SPK W&T	7237	627715	1700	620 478	A-4 " " 205	Lg BT SPK W&T.
A-2 2" IP			416	623 56	A-2 " " 203	2" I.P C.E. TAG
A-3 1" IP			452	623 20	A-3 " " 203	1" " " "

F. B. 3871 Pg. 40 Job No. 0084 05 Division No. 11 Notes Red Plotted Profile
Survey of Biscailuz CR Subsidence Date Date No.
Survey by ACG Notes Chk'd R. MANOR Checked X-Sec.
Indexed T. M. PALMER Date OCT 21 1974 Date NOV 25 1974 Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
C-3	1938	608001		606 063	C-3 FB2937-204	Lg BT. SPK W & T
C-4			317	604 83	C-4 " " 206	L & C.E. TAG
C-6	11219	607 792	11428	596 573	C-6 " " 206	2" IP & Sm BT. SPK.
C-5			1185	595 94	C-5 " "	L & C.E. TAG in conc CB
B-5	8728	616 140	0380	607 412	B-5 " " 205	2" IP & Sm BT. SPK
B-6			804	608 10	B-6 " " 205	" " " " " "
A-5			310	613 04	A-5 " " 205	" " " " " "
A-6			305	613 08	A-6 " " 205	" " " " " "
B-5 TP	1178	608 590		607 412		
TP	0788	598 028	11350	597 240		
TP	0685	587 640	11073	586 955		
D-3			351	579 13	D-3 " " 206	" " " " " "
D-4			793	579 71	D-4 " " 206	" " " " " "
T.P	1731	577 885	11486	576 154		
TP	0592	567 055	11424	566 461		
TP	0358	555 659	11752	555 301		
POT.			11128	544 531	POT	SQ HD SPK & T
D-5			5282	550 377	D-5 " " 208	2" IP & Sm BT. SPK
D-6			460	551 06	D-6 " " 208	" " " " "
D-7			403	551 63	D-7 " " 208	" " " " "

Profile Notes Red ____ Plotted ____ Job No. 008405 Division No. ____ F. B. 3871 Pg. 1

No. ____ Date ____ Date ____ Survey of BISCAILUE CTR SUBSIDENCE

X-Sec. Notes Chk'd R. MANOR Checked ____ Survey by GUIZADO Notes ____ Date ____

No. ____ Date NOV 25 1974 Date ____ Map No. ____ Indexed L. PALMERI Date OCT 21 1974

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

F. B. 3871 Pg. 42 Job No. 00841 85 Division No. Notes Red Plotted Profile
Survey of BLSEWALL & STATE HIGHWAY Date Date No. X-Sec.
Survey by SHIZER & Notes Checked R. MANOR
Indexed L. M. PALMER Date OCT 21 1971 Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
D-5 TP	11902	562.279		550.377		
C-7			488	557.40	C-7 FB2937-209	Lg. BT SPK W/ ℄ T
C-8			598	556.38	C-8 " " 208	2" IP W/ Sm BT SPK
C-9			411	558.17	C-9 " " 208	" " " " "
B-9	10470	571.507	1204	561.035	B-9 " " 209	" " " " "
B-8			1106	560.45	B-8 " " 209	" " " " "
B-7			922	562.25	B-7 " " 209	Lg BT SPK W/ ℄ T
H-7			421	567.10	H-7 " " 210	" " " " "
H-8			542	565.07	H-8 " " 210	2" IP W/ Sm BT SPK
H-9			562	565.87	H-9 " " 210	" " " " "
PI "3			267	568.84	PI "3 " " 210	1" IP ℄ OF E. TAN
TP	12865	70896	1895	569.617		
TP	3785	564.357	10344	560.557		
T.B.M.	4429	564.281	4345	559.932	T.B.M. ELEV. = 559.650 FB2993-112, 115 W/O SIDE GATE USE SV BM. BRASS INST. SO. SIDE OF EAST GATE, BT SPK IN CONC EB.	
T.B.M.			4122	560.119	T.B.M. ELEV. 560.00 FB2993-213 S.W. COR. OF GATE USE SV BM. BRASS INST. ∅ CHISEL IN STEEL COLUMN	

F. B. 3871 PG. 43

Profile	Notes Red	Plotted	Job No. 0084.05 Division No. 11
No.	Date	Date	Survey of Biscailuz Ctr. Subsidence
X-Sec.	Notes Chk'd.	Checked	Survey by L. Brown Notes Massey Date 4-29-75
No.	Date	Date	Map No. Index Id M. PALMERI Date [illegible]

JOB NUMBER 0084.05

BISCAILUZ CENTER

RESERVOIR

SUBSIDENCE CHECK

RERUN OF VERTICAL CONTROL

APRIL 29, 1975

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

L. Brown
R. Massey
J. Henderson
R. Moore

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

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

Do not extend notes this side of this line.

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. #1				619 46	B.M. No. 1 F.B. 887-7; F.B. 1136-29; F.B. 1668-12	
	3 86	623 32			Elev. = 619.458 (1944) water tank cut "X" in bolt head	
					in bearing plate of S.E.ly leg of water tank.	
B.M. #1-A			4 01	619 31	B.M. No. 1-A Elev. = 619.317 (1944) F.B. 1668-6, Bt. Spk	
	3 21	622 52			in conc. pillar of N.E.ly leg of elevated water tank.	
T.P.			9 78	612 74		
	2 57	615 31				
D-1			5 41	609 90	D-1 F.B. 2937-204	Chis + in conc.
	4 43	614 33				
C-1		614 33	4 36	609 97	C-1 " " "	" " " "
B-1 T.P.		614 33	4 49	609 84	B-1 " " 203	" " " "
D-2		614 33	4 78	609 55	D-2 " " 204	Bt. Spk. w. + tin
C-2		614 33	4 73	609 60	C-2 " " 204	Ld. + C.E. tag
	5 37	615 21				
A-1A			4 79	610 42	A-1A " " 212	" " "
B-2		615 21	5 23	609 98	B-2 " " 203	" " "
C-3 T.P.		615 21	9 12	606 09	T.P. C-3 " 204	Lg. Bt. Spk. w. + tin
B-4		615 21	4 17	611 04	B-4 " 205	Ld. + C.E. tag
B-3		615 21	10 57	604 64	B-3 " 203	Lg. Bt. Spk w + tin
	8 76	614 85				
C-4			9 99	604 86	C-4 " " 206	Ld. + C.E. tag

F.B. 3871 PG. 44
Job No. 0084 05 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Biscailuz Ctr. Subsidence Date ____ Date ____ No. ____
Survey by L. Brown Notes R. Massey Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed T. M. PALMERI Date 1 9 75 Date ____ Date ____ No. ____

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

Profile Notes Red____ Plotted____ Job No. 2084.05 Division No. 11
No.____ Date____ Date____ Survey of Riverside Center Subdivision
X-Sec. Notes Chk'd.____ Checked____ Survey by L. Brown Notes Missy Date 4-29-75
No.____ Date____ Date____ Map No.____ Indexed L. M. PALMER Date MAY 9 '75

F. B. 3871 PG. 45

STATION	B. S.	H. I.	F. S.	ELEV.							
		614 95									
T.P.			0 73	614 12	T.P.						
	1 21	625 33									
A-2 ✓			1 75	623 58	A-2	FB 2937-203			2" I.P. & C.E. tag		
	1 31	624 89									
A-3 ✓		624 89	1 67	623 22	A-3	"	"	"	1" I.P. + C.E. tag		
A-4 ✓		624 89	4 37	620 52	A-4	"	"	205	Lg. Bt. Stk. W & T.		
A-5 ✓			11 31	613 08	A-5	"	"	"	2" I.P. + Sm. Bt. Stk.		
T.P. A-6 ✓			11 79	613 10	A-6	"	"	"	"	"	"
	5 31	613 41									
B-5 ✓		618 41	10 97	607 44	B-5	"	"	"	"	"	"
T.P. B-6 ✓		618 41	10 29	608 12	B-6	"	"	"	"	"	"
	3 20	611 32									
T.P.			11 72	599 60							
	2 67	602 27									
C-5 ✓		602 27	6 30	595 97	C-5	"	"	206	"	"	"
C-6		602 27	5 67	596 60	C-6	"	"	"	"	"	"
T.P.			11 59	590 68							
	0 39	591 07									
D-3			11 89	579 18	D-3	"	"	"	"	"	"
D-4			11 33	579 74	D-4	"	"	"	"	"	"

76-L-298 CE 307 8-70

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

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

F. B. 3871 Pg. 46 Job No. 0094 25 Division No. 11 Notes Red Plotted Profile
Survey of Biscailuz Ctr. Subdivision Date Date No. X-Sec.
Survey by L. Brown Notes R. Massey Notes Chk'd. Checked
Indexed T. M. PALMER Date Date Date No.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
D-4				579 74	D-4 F.B. 2937 –	206	2" I.P. + Small Bt. Spk.
	030	580 04					
T.P.			1117	568 87			
	036	569 23					
T.P.			1005	559 18			
	120	560 38					
T.P. D-5		560 38	1006	550 32	D-5 " "	208	Lg. Bt. Spk. w + tin
D-6		560 38	935	551 03	D-6 " "	208	2" I.P. + Sm. Bt. Spk.
D-7		560 38	878	551 60	D-7 " "	"	" " " "
	404	554 36					
P.O.T.		554 36	986	544 50	P.O.T. " "	"	Spk + tin
T.P.			080	553 56			
	1120	564 76					
C-7			736	557 40	C-7 " "	209	Lg. Bt. Spk. w + tin
C-8			843	556 33	C-8 " "	208	2" I.P. + Sm. Bt. Spk.
C-9			661	553 15	C-9 " "	"	" " " " "
B-7 T.P.			251	562 25	B-7 " "	209	Lg. Bt. Spk. + tin
B-8			434	560 42	B-8 " "	209	2" I.P. + Sm. Bt. Spk.
B-9			377	560 99	B-9 " "	209	" " " "
	1049	572 74					
A-7			563	567 11	A-7 " "	210	Lg. Bt. Spk. + tin

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
A-8		571 74	7 70	565 04	A-8 F.B. 2937 – 210	2" I.P. + Sm. Bt. Spk.
A-9		572 74	6 93	565 81	A-9 " " 210	" " " "
T.P.			3 13	569 61		
	184	571 45				
P.I. 3		571 45	2 62	568 83	P.I. 3 " " 210	1" I.P. + C.E. Tag
T.P.			10 76	560 69	T.P.	
	350	564 19				
TBM			4 05	560 14	TBM Elev. = 560.000, F.B. 2993-213, S.W. Cor. of Gate	
TBM	432	564 66			House Sybil Brand Instit. Fd. Spike in steel Column.	
TBM			4 83	559 83	TBM Elev. = 559.650 F.B. 2993-112, 115- North Side Gate House, Sybil Brand Inst. S. side of entrance gate Bt. Spk. in lead in conc. curb.	

Profile Notes Red____ Plotted____ Job No. 0884-05 Division No. 11 F.B. 3811 Pg. 47
No.____ Date____ Date____ Survey of Bridge Str. Subsidence
X-Sec. Notes Chk'd.____ Checked____ Survey by L. Brewer Notes Mgr. Date 4-22-75
No.____ Date____ Date____ Map No.____ Indexed W. M. PALMER Date MAY 9 '75

F. B. 3871 Pg. 49

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0084.05 Division No. 11
Date ____ Date ____ Survey of Biscailuz Ctr. Subsidence
X-Sec. No. ____ Notes Checked E. J. DUVERNAY Survey by L. Brown Notes Massey Date 9-18-75
Date 10/6/75 Date ____ Map No. ____ Indexed G. D. BAILEY Date SEP 30 '75

JOB NUMBER 0084.05

BISCAILUZ CENTER

RESERVOIR

SUBSIDENCE CHECK

RERUN OF VERTICAL CONTROL

SEPTEMBER 18, 1975

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

L. Brown
R. Massey
J. Henderson
R. Moore

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

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

Do not extend notes this side of this line.

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
B.M #1				619 46	B.M. No. 1, F.B. 887-7, F.B. 1136-29, F.B. 1668-12	
	369	623 15			Elev. = 619.458 (1944) water tank cut "X" in bolt head	
					in bearing plate of S.E. ly. leg of water tank.	
B.M #1-A			383	619 32	B.M. No. 1-A, Elev. = 619.317 (1944) F.B. 1668-6, Bt. Spk.	
	415	623 47			in conc. pillar of N.E. ly leg of elevated water tank.	
T.P.			1073	612 74		
	244	615 18				
D-1			528	609 90	D-1, F.B. 2937-204	chis "+" in conc.
	432	614 22				
C-1		614 22	424	609 98	C-1 " " "	" " " "
B-1		614 22	437	609 85	B-1 " " 203	" " " "
C-2 T.P.		614 22	461	609 61	C-2 " " 204	Ld. & C.E. tag
D-2		614 22	468	609 54	D-2 " " "	Bt. Spk. w & tin
	536	614 97				
A-1A		614 97	455	610 42	A-1A " " 212	Ld. & C.E. tag
B-2		614 97	498	609 99	B-2 " " 203	" " "
C-3 T.P.		614 97	886	606 11	C-3 " " 204	Lg. Bt. Spk. w & tin
B-3		614 97	1032	604 65	B-3 " " 203	" " " " "
B-4		614 97	392	611 05	B-4 " " 205	Ld. & C.E. tag
	871	614 82				
C-4			996	604 86	C-4 " " 206	Ld. & C.E. tag

F. B. 3871 Pg. 50
Job No. 0084.05 Division No. 11 Notes Red Plotted Profile
Survey of Biscailuz Ctr. Subsidence Date Date No.
Survey by L. Brown Notes R. Massey Notes Checked E. DUVERNAY X-Sec.
Indexed G. D. BAILEY Date 30 Date 10/6/75 Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		614 82				
T.P.			0 56	614 26		
	10 92	625 18				
A-2		625 18	1 59	623 59	A-2 F.B. 2937-203	2" I.P. & C.E. tag
A-3		625 18	1 96	623 22	A-3 " " "	1" I.P. & C.E. tag
A-4			4 66	620 52	A-4 " " 205	Lg. Bt. Spk. w & tin
	2 02	622 54				
A-6			9 43	613 11	A-6 " " "	2" I.P. & Sm. Bt. Spk
	4 97	618 08				
A-5			5 01	613 07	A-5 " " "	" " " "
B-6			9 95	608 13	B-6 " " "	" " " "
B-5 T.P.			10 64	607 44	B-5 " " "	" " " "
	1 43	608 87				
T.P.			11 57	597 30	T.P. 1x1 STAKE	
	2 08	599 38				
C-6			2 77	596 61	C-6 " " 206	" " " "
C-5			3 40	595 98	C-5 " " "	" " " "
T.P.			9 17	590 21	T.P.	
	0 34	590 55				
D-4			10 81	579 74	D-4 " " "	" " " "
D-3			11 37	579 18	D-3 " " "	" " " "

Profile Notes Red ____ Plotted ____ Job No. 00840 Division No. 11
No. ____ Date ____ Date ____ Survey of Biscailuz Cty. Subsidence
X-Sec. Notes Checked E. DUVERNAY Survey by L. Brown Notes Massey Date 9-18-75
No. ____ Date 10/6/75 Date ____ Map No. ____ Indexed R. D. BAILEY Date SP 307

F.B. 3871 PG. 51

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		590 55				
T.P.			11 69	578 86	T.P. 1x1 STAKE	
	0 57	579 43				
T.P.			11 74	567 69	T.P. 1x1 STAKE	
	0 40	568 09				
T.P.			11 01	557 08	T.P. 1x1 STAKE	
	0 25	557 33				
T.P.			11 76	545 57	T.P. SPK.	
	8 16	553 73				
P.O.T.			9 28	544 45	P.O.T. F.B. 2937-208	SPK. & Tin
D-5			3 49	550 24	D-5 " " "	Lg. Bt. Spk. w & tin
D-6			2 78	550 95	D-6 " " "	2" I.P. & Sm. Bt. Spk.
D-7			2 19	551 54	D-7 " " "	" " " "
T.P.			0 25	553 48	T.P. SPK.	
	10 05	563 53				
C-7			6 16	557 37	C-7 " " 209	Lg. Bt. Spk. w & tin
C-8			7 23	556 30	C-8 " " 208	2" I.P. & Sm. Bt. Spk.
C-9			5 41	558 12	C-9 " " "	" " " "
B-7 T.P.			1 32	562 21	B-7 T.P. " " 209	Lg. Bt. Spk w. & tin
B-8			3 19	560 34	B-8 " " "	2" I.P. & Sm. Bt. Spk.
B-9			2 59	560 94	B-9 " " "	" " " " "

F.B. 3871 Pg. 52

Job No. 0084 05 Division No. 11 Notes Red Plotted Profile

Survey of Biscailuz Ctr. Subsidence Date Date No.

Survey by L. Brown Notes R. Massey Notes Chk'd E. DUVERNAY Checked X-Sec.

Indexed G.D. BAILEY Date SEP 30 75 Date 10/6/75 Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
B-7 T.P.				562 21	B-7 T.P. F.B. 2937-209	Lg. Bt. Spk + tin
	10 03	572 24				
A-7			5 16	567 08	A-7 " " 210	" " " "
A-8			7 27	564 97	A-8 " " 210	2" I.P. + Sm. Bt. Spk.
A-9			6 49	565 75	A-9 " " 210	" " " "
P.I. No. 3			3 44	568 80	P.I. No. 3 210	1" I.P. + C.E. tag
T.P.			2 66	569 58	T.P. spk. " "	
	0 31	569 89				
T.P.			11 26	558 63	T.P. spk.	
	6 14	564 77				
T.B.M.			4 63	560 14	T.B.M. Elev. = 560.000, F.B. 2993-213, S.W. Cor. of Gate House Sybil Brand Instit. Fd chis(-) in steel column.	
	3 66	563 80				
T.B.M.			3 98	559 82	T.B.M. Elev. = 559.650, F.B. 2993-112, 115, North side Gate House, Sybil Brand Inst. S. side of entrance gate Bt. Spk. in lead in conc. curb.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0084 05 Division No. 11
Date ____ Date ____ Survey of Biscailuz Ctr. Subsidence
X-Sec. No. ____ Notes Checked E. DUVERNAY Survey by L. Brown Notes Massey Date 9-18-75
Date 10/6/75 Date ____ Map No. ____ Indexed B. D. BAILEY Date 30 '75

F.B. 3871 Pg. 53

F. B. 3871 Pg. 55

NOTES RED _____ JOB NO 0084.05 SURVEY OF Biscailuz Ctr. Subsidence

DATE _____ SURVEY BY A-G, Guizado

NOTES CHKD. C. Toy NOTES BY [illegible] DATE 11-10-75

DATE 12-10-75 INDEXED G. D. BAILEY DATE NOV 25 '75

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
JN 0084.05 BISCAILUZ CTR RESERVOIRS WATER TANKS SITE SURVEY SUBSIDENCE CHECK TIE IN BM #1 & 1A TO PRECISE LEVEL NET — SET ELEV ON ALH D-6 — TOP OF FIRE TRAINING TOWER LUNAR Rods		Guizado West Walsh Moya				

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

Do not extend notes this side of this line

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

765420 S & E-353 4-54

765420 S & E-353 4-54

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

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

Do not extend notes this side of this line

JOB NO 00494.05 SURVEY OF Baseline 22 Subdivision
SURVEY BY Mo Wasse Va DATE 11-10-75 NOTES CHKD. C. TOY
NOTES BY G. D. BAILEY DATE 11-25-75 DATE 12-10-75
INDEXED DATE NOTES RED.

F.B. 4871 Pg. 56

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Fd 61-3	446.948 ✓				446.948	BM 61-3 ELEV = 446.948 (1971 adj.)
	10.248		10.330			FB 2863-10 EASTERN AVE, 0.1 mi S'ly
	457.196	+9.160 ✓	+9.161			of LOTTA DR @ PI of ℄, 37.2 N'ly
	1.088		1.169			of L&T & prod ℄ B3 WEST OF EAST CURB
TP	456.108					6" BELOW SURFACE IN WELL & PROTECTED BY
	9.422		9.559			CAST IRON COVER - "LA CO Rd Dept DISC
	465.530	+8.936	+8.937			1960"
	0.486		0.622			
TP	465.044					
	11.149		11.230			
	476.193	+10.576 ✓	+10.579			
	0.573		0.651			
TP	475.620					
	10.609		10.455			
	486.229	+10.184	+10.186			
	0.425		0.269			
Fd BM 61-3A	485.804 ✓				485.802	BM 61-3A - Elev 485.802 - FB 3707-241
	8.909		8.797			EASTERN Av & HAUCK ST - S.E. Cor.
	494.713	+7.408	+7.409			E. C6. EASTERN Av. - 1℄ S. of S.C.R.
	1.501		1.388			BT Stk
TP	493.212					
	11.249		11.305			
	504.461	+9.378 ✓	+9.376			
	1.871		1.929			
TP	502.590					
	9.672		9.758			
	512.262	+8.677	+8.678			
	0.995		1.080			
	511.267					

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	511.26~~7~~5					
	9.869	✓	9.953			
	521.136	+9.214	+9.214			
	0.655		0.739			
TP	520.4~~81~~79					
	10.259	✓	10.309			
	530.740	+9.685	+9.688			
	0.574		0.621			
TP	530.16~~6~~1					
	10.626	✓	10.555			
	540.792	+10.116	+10.114			
	0.510		0.441			
TP	540.2~~82~~76					
	10.147	✓	10.210			
	550.429	+9.497	+9.499			
	0.650		0.711			
TP	549.77~~9~~4					
	11.139	✓	10.888			
	560.918	+9.497	+9.495			
	1.642		1.393			
(8) SET TBM 1	559.27~~6~~0 ✓				559.274	TBM ELEV FB
	7.955	✓	8.049			INT. PUBLIC PARKING LOT DR &
	567.231	+7.475	+7.472			TRNG. CTR. RD - WLY SIDE @
	0.480		0.577			FIRE HYD. #10 NAIL IN CONC. BASE
TP	566.7~~51~~43					
	11.262					
	578.013					
	0.849 ✓					
(10) SET TBM 2	577.1~~64~~56				577.161	TBM Elev FB
						FIRE HDQ BLDG - WLY SIDE
						ANTENNA BASE - W. LEG S bolt PM

NOTES RED ____ JOB NO. 008405 SURVEY OF Biscailuz Ctr. Subsidence
DATE ____ SURVEY BY A.C. Guizado
NOTES CHKD. C. [illegible] NOTES BY [illegible] DATE 11-10-75
DATE 12-10-75 INDEXED G.D. BAILEY DATE NOV 25 75

F.B. 3871 PG. 57

JOB NO 008405 SURVEY OF Biscailuz Ctr Subsidiary NOTES RED
SURVEY BY A.C. Guizado DATE
NOTES BY M.A. Hayes Jr DATE 11-10-75 NOTES CHKD C. TOY
INDEXED G.D. BAILEY DATE 1-25-76 DATE 12-16-75

F. B 38-71 Pg. 58

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM #2	577.1~~64~~ 56				577.161	
	2.771		2.856			
	579.935	-1.541	-1.545			
	4.312		4.401			
TP	575.6~~23~~ 13					
	8.732		8.819			
	584.355	+7.399	+7.397			
	1.333		1.422			
TP	583.0~~22~~ 11					
	10.973		11.112			
	593.995	+8.313	+8.311			
	2.660		2.801			
TP	591.3~~38~~ 23					
	9.864		9.959			
	601.199	+9.463	+9.461			
	0.401		0.498			
TP	600.7~~98~~ 85					
	10.789		10.863			
	611.587	+6.997	+6.993			
	3.792		3.870			
(B) Fd BM F-2	607.7~~95~~ 80				607.787	
	7.068		6.980			BM F-2 ELEV = 608.01 FB 1254-213
	614.863	+4.657	+4.656			FB 1668-126 FIRE TRAINING Ctr
	2.411		2.324			L&N S'ly end of Conc Drain
TP	612.4~~52~~ 37					
	9.781		10.115			
	622.233	+6.736	+6.737			
	3.045		3.378			
TP	619.1~~88~~ 73					

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	619.1~~88~~ 23					EQUATION (619.458 WAS USED FOR THE PURPOSE OF BISCAULUZ CENTER RESERVOIRS SUBSIDENCE)
	3.554		3.705			
	622.742	-0.008	-0.007			
	3.562		3.712			FB 877-7 (1941)
19 Fd BM #1	619.~~188~~ 166				619.174	BM No 1 Elev 619.458 - FB 1136-29
	3.708		3.803			Water Tank Cut X in bolt head
	622.888	-0.146	-0.146			in bearing plate of S. Ely Leg
	3.852		3.949			
20 Fd BM #1A	619.0~~34~~ 20				619.029	BM No 1 A Elev 619.317 - FB 1668-6
	3.776		3.847			Water Tank - Bt Spk in N. Ely Leg
	622.810	-0.398	-0.394			Conc base
	4.174		4.241			
TP	618.6~~36~~ 24					
	3.222		2.695			
	621.858	-6.188	-6.187			
	9.410		8.882			
TP	612.4~~48~~ 36					
	2.278		2.355			
	614.726	-3.193	-3.195			
	5.471		5.550			
23 TBM	609.2~~55~~ 42				609.252	TBM Elev - FB
	4.483		4.541			Commemorative Plate @ Fire Hdqrs.
	613.738	+0.308	+0.311			Trng. Ctr. Flag Pole - S.W. bolt of
	4.175		4.230			Plate
24 Set C-2A	609.5~~63~~ 52				609.563	C-2A Elev FB 3871-68
						C.E. Tag in Lead @ Dewy to
						Water Tanks

NOTES RED _____ JOB NO. 008405 SURVEY OR Biscaluz Ctr Subsidence
DATE _____ SURVEY BY A.C. Guizado
NOTES CHKD. [illegible] NOTES BY [illegible] DATE 11-10-75
DATE 12-10-75 INDEXED G.D. BAILEY DATE [illegible]

F.B. 3871 PG. 59

768420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
C-2A	609.5~~63~~ 52				609.563	
	5.105		5.176			
	614.668	+0.026	0.027			
Set	5.079		5.149			Set
21 TBM	609.5~~89~~ 78				609.589	TBM Elev FB
	5.180		5.079			Fire Trng. Tower - E Side
	614.769	-5.335	-5.332			13 5 1 S. of N.E. Cor - Set N. in lead
26 Set	10.515		10.411			Set
C-4A	604.2~~54~~ 45				604.257	TBM Elev. FB 2937-206
	0.570		0.384			C-4A -2" I.P. Conc. plug
	604.824	-10.831	-10.833			& C.E. Tag FL
	11.401		11.217			
TP	593.4~~23~~ 13					
	1.559		1.035			
	594.982	-9.769	-9.767			
	11.328		10.802			
TP	583.6~~54~~ 45					
	0.378		0.394			
	584.032	-8.864	-8.864			
	9.242		9.258			
TP	574.7~~90~~ 91					
	1.028		0.705			
	575.818	-10.423	-10.423			
	11.451		11.128			
TP	564.3~~67~~ 58					
	2.040		1.968			
	566.407	+1.639	+1.642			
	0.401		0.326			
TP	56~~6.006~~ 5.998					

JOB NO. 0084 05 SURVEY OF Bacaluz etc. Subsidence NOTES RED.
SURVEY BY A.C. Guizado DATE
NOTES BY M.D. Wagner DATE 11-10-75 NOTES CHKD C. TOY
INDEXED G.D. BAILEY DATE NOV 25 '75 DATE 12-10-75

F.B. 3971 PG. 60

768420 S & E-353 4-54

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

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

Do not extend notes this side of this line

NOTES RED. JOB NO. 0994 05 SURVEY OF Esquivel Ave. Sidewalk F. B. 3871 PG. 61
DATE SURVEY BY R.C. Guzzardo
NOTES CHKD. [illegible] NOTES BY [illegible] DATE 11-10-75
DATE 12-12-75 INDEXED G.D. BAILEY DATE NOV 25 75

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	566.998					
	8.150	✓	8.069			
	574156	-0.909	-0.811			
	8.950		8.880			
TP	565.198					
	1.169	✓	0.988			
	566.366	-3.181	-3.179			
	4.350		4.167			
TP	5620.08					
	1428	✓	1.231			
	563.724	-2.507	-2.510			
35 SBI #1 TBM	3.931	✓	3.741		559,515	TBM Elev 559.650 - FB 2993: 11, 13 No. Side Gate Hse, Sysoil Brand Inst. S. side of Ent. Gate - BT Spk in Lead in conc. ch.
	559.598					
	3.965		4.010			
	563.474	+0.105	+0.104			
36 SBI #3 TBM	3.860	✓	3.906		559.621	TBM SBI #3 Elev - FB Sysoil Brand Inst. - at So. W. Cor of Visitors Entrance Awning BT. Spk in lead in ch.
	559.644					
	2872	✓	2.961			
	562.486	-3.871	-3.867			
	6.743		6.828			
TP	555.743					
	1.064	✓	1.126			
	556.807	-10.374	-10.372			
	11.438		11.498			
TP	545.362					
	0749	✓	0.878			
	546.118	-10.603	-10.604			
	11.352		11.482			
TP	534.766					

JOB NO. 008405 SURVEY OF Biscailuz Cte SUBSIDENCE NOTES RED. DATE

SURVEY BY A.C. GUIZADO NOTES CHKD. C. TOY

NOTES BY M.A. Lalaguna DATE 11-10-75 DATE 12-10-75

INDEXED G.D. BAILEY DATE NOV 25 '75

F.B. 3871 PG. 62

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	534.7~~66~~59					
	0.632		0.713			
	535.398	-9.468	-9.467			
	10.100		10.180			
TP	525.29~~8~~					
	0.355		0.368			
	525.653	-11.093	-11.093			
	11.448		11.461			
TP	514.~~205~~198					
	0.869		0.903			
	515.074	-9.213	-9.215			
	10.082		10.118			
TP	504.9~~92~~84					
	2.352		2.400			
	507.344	-7.939	-7.941			
	10.291		10.341			
TP	497.0~~53~~44					
	1.782		1.828			
	498.835	-7.188	-7.187			
	8.970		9.015			
TP	489.8~~65~~57					
	0.721		0.729			
	490.586	-8.264	-8.260			
	8.985		8.989			
TP	481.~~601~~595					
	1.601		1.642			
	483.202	-8.717	-8.716			
	10.318		10.358			
TP	472.8~~84~~78					

76S420 S & E-383 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	472.8~~84~~ 78					
	1.662	✓	1.739			
	474.546	- 7.112	- 7.109			
	8774		8.848			
TP	465.7~~72~~ 68					
	1.699	✓	1.823			
	467.471	- 6.390	- 6.393			
	8.089		8.216			
TP	459.3~~82~~ 76					
	9516	✓	9.542			
	468.898	+ 8.462	+ 8.462			
	1.054		1.080			
TP	467.8~~44~~ 38					
	7.350	✓	7.450			
	475.194	+ 5.739	+ 5.739			
	1.611		1.711			
50 Fd BM BY 4242	473.5~~83~~ 77				473.599	BM BY 4242 - Elev 473.546 - FB
	10.738	✓	10.802			RD. DEPT BM TAG N. CB. DRWY
	484.321	+10.393	+10.394			L.A. Co. FIRE DEPT ENGIN Co #32
	0.345		0.408			3 FT E. BLDG. 50 FT W. ℄ EASTERN
TP	483.976					AV 90 FT N ℄ WOOLWINE DR
	9.162	✓	9.133			
	493.138	+ 8.241	+ 8.244			
	0.921		0.889			
TP	492.217 3					
	11.242	✓	11.288			
	503.459	+10.151	+10.151			
	1.091		1.137			
TP	502.368 4					

NOTES RED ____ JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR Subsidence
DATE ____ SURVEY BY A. C. Guizado
NOTES CHKD. [illegible] NOTES BY M. A. Walsh Jr. DATE 11-12-75
DATE 12-10-75 INDEXED G. D. BAILEY DATE NOV 25 75

F. B. 3871 PG. 63

768420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	502.368 4					
	7.835		7.868			
	510.203	-1.445	-1.443			
	9.280		9.311			
TP	500.923 0					
	0.242		0.281			
	501.165	-10.564	-10.562			
	10.806		10.843			
TP	490.358 7					
	6.168		6.133			
	496.527	-4.582	-4.578			
	10.750		10.711			
BM 61-3A	485.777				485.802	BM 61-3A - Elev 485.802 - FB 3707-241 Eastern Av. & Hauck St - S.E. Cor. E. Cb. Eastern Av - 1 E S of C.R. - Bt. Spk

F. B. 3871 Pg. 64

JOB NO. 008405 SURVEY OF Biscailuz Ctr. Subsidence NOTES RED
SURVEY BY A. C. Guizado DATE
NOTES BY M. A. Walsh Jr DATE 11-12-75 NOTES CHKD. C. Toy
INDEXED G. D. BAILEY DATE NOV 25 75 DATE 12-10-75

Profile No. ____ X-Sec. No. ____

Notes Red ____ Plotted ____ Job No. 0084.05 Division No. 11 | F. B. 3871 PG. 65

Date ____ Date ____ Survey of Biscailuz Ctr Subsidence

Notes Chk'd TLY Checked ____ Survey by A.C.Guerado Notes M.A.W. Date 11-12-25

Date 12-10-25 Date ____ Map No. ____ Indexed G. D. BAILEY Date 11-25-25

J.N. 0084.05

BISCAILUZ CTR. SUBSIDENCE

ELEVS. ON TANKS 1 & 2
& ON FED FIRE FTG TOWER

A.C. GUERADO
M.A. WALSH JR
O.R. WEST
J.L. LYBRAND
L.O. FISHER

STATION	B.S.	H.I.	F.S.	ELEV.
				SCALES HAVE BEEN ERECTED ON S'ly & W'ly SIDE OF TANKS 1 & 2 @ APPROX EYE HEIGHTH

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
TBM	5 13	614 72		609.59	TBM - Elev 609.589 - FB3871-60
					FIRE TRAINING TOWER - E SIDE @ BASE SET N in Ld
					13.5± So of NE Cor Bldg
					TANK # 1 (LACo # 5104)
			4 64	610 08	So SIDE SHOT @ 0.30 WINCH ON SCALE
			4 70	610 02	Wly " " " " "
					TANK # 2 (LACo # 5103)
			4 71	610 01	So SIDE " " " "
			4 57	610 15	Wly " " " " "
TBM			5 13	609 59	TBM - Elev 602.589 - FB3871-60
TBM				609 59	TBM ELEV = 609 589 (NOT adj) FB3871-60
					FIRE TRAINING TOWER - E SIDE @ BASE
			+	68 65	Set N in Ld; 13.5± So of NE Cor Bldg
ALH D-6				678 24	ALH D-6 ELEV = 678.24 FB3871-66
					Fd L&CE TAG in roof top of FIRE
					TRAINING TOWER @ KLINGERMAN CENTER
					CS INDEX MAP #36 FB 939-103 & 104

F. B. 3871 PG. 66 Job No. 00B4105 Division No. 11 Notes Red Plotted Profile
Survey of Biscailuz Ctr Subsidence Date Date No.
Survey by ACA Notes Chk'd. TOY Checked C. TOY X-Sec.
Indexed G. D. BAILEY Date NOV 25 '75 Date 12-10-75 Date No.

Notes Ck'd by	Survey of Biscailuz etc Sub
Map No.	JN 0084.05 Tape Std °F
Office Work	Surveyed by AC Guizado
Checked	Notes ACG Date 11-75
Date	Indexed K.D. BAILEY 12 5 '75

F. B. 3871 PG. 67

JOB NO 0084.05

BISCAILUZ CTR RESERVOIRS

WATER TANKS SITE SURVEY

(KLINGER FIRE CENTER)

Guizado

WEST

Walsh

Lybrand

FISHER

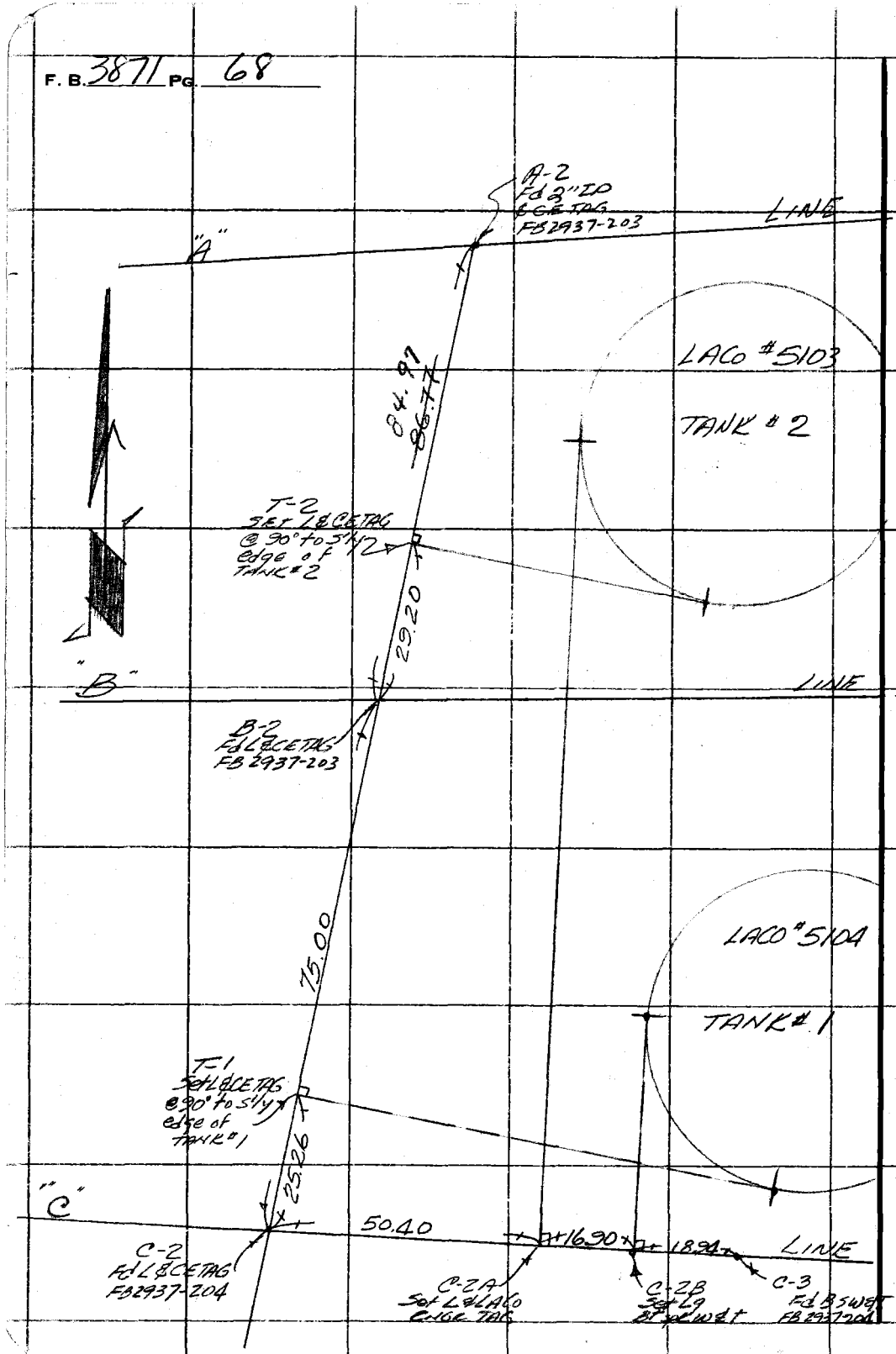
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-68

F. B. 3871 PG. 68



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

Do not extend this side of this line.

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

F. B. 3871 PG. 68C

Job No.____ Division No.____ Notes Red____ Plotted____ Profile

Survey of____ Date____ Date____ No.____

Survey by____ Notes____ Notes Chk'd.____ Checked____ X-Sec.

Indexed____ Date____ Date____ Date____ No.____

76-L-298 CE 307 8-70

PLEASE RETURN TO

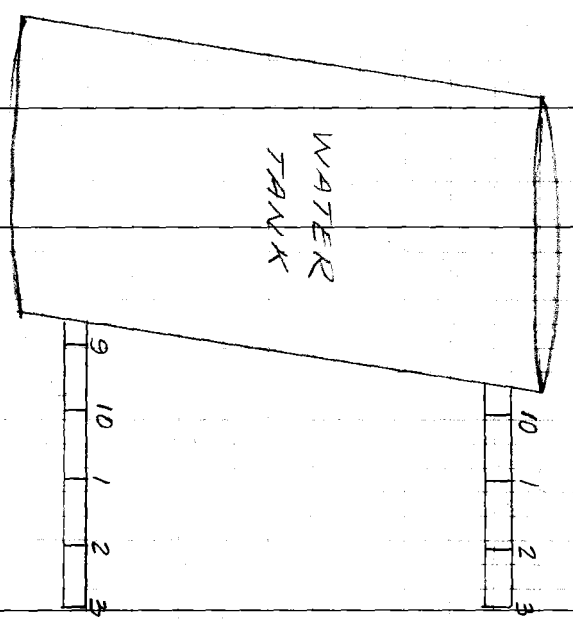
LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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



Notes Ck'd by C. TOY	Survey of Biscailuz ctr sub	F. B. 3871 PG. 69
Map No.	JN 0084.05 Tape Std. °F	BTM Reading
Office Work	Surveyed by A C GUIZADO	LARGER = +
Checked	Notes ACG Date 11-75	SMALLER = −
Date	Indexed G. D. BAILEY NOV 25 '75	

AT T-1 - SIGHT SCALE @ TOP OF S'LY EDGE OF TANK 1 AND READ A SCALE @ BTM OF TANK 1 - SAME PROCEDURE AT T-2 FOR TANK #2

AT C-2A - SIGHT SCALE @ TOP OF W'LY EDGE TANK # 2 AND READ A SCALE @ BTM OF TANK #2 - SAME PROCEDURE @ C-2B FOR TANK #1

DATE	⊼ @ T-1 Read TOP SCALE @ S'LY edge TANK #1	⊼ @ T-1 Read a BTM SCALE @ S'LY edge TANK #1	Diff in readings
11-7-75	13.20	0.30	+ 0.10
3/26/76	13.22	0.30	+ 0.08
3/22/77	13.22	0.27	+ 0.05
3/30/78	13.21	0.30	+ 0.09

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

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

Do not extend this side of this line.

76F3095 CE#310 3-68

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

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

Do not extend this side of this line.

DATE	@ T-2 Read Top SCALE @ S'ly edge TANK #2	@ T-2 Read @ BTM SCALE @ S'ly edge TANK #2	Diff. in Readings	@ C-2A Read Top scale @ W'ly edge of TANK #2	@ C-2A Read @ BTM SCALE @ W'ly edge TANK 2	Diff in Readings
11/7/75	45.30	0.44	+0.14	43.30	0.38	+0.08
3/26/76	45.30	0.45	+0.15	43.30	0.37	+0.07
3/22/77	45.30	0.41	+0.11	43.30	0.35	+0.05
3/30/78	45.32	0.48	+0.16	43.29	0.38	+0.09

F.B. 3871 Pg. 70

76F309S CE#310 3-69

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

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

Do not extend this side of this line.

DATE	⊼ @ C-2B READ TOP SCALE @ W'N edge TANK #1	⊼ CC-2B READ A BTM SCALE @ W'N edge TANK #1	DIFF IN READINGS
11-7-75	37.30	0.35	+0.05
3/29/76	37.31	0.34	+0.03
3/21/77	37.30	0.34	+0.04
3/30/78	37.33	0.36	+0.03

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

Survey of Biscaluz Ctr Sub
JN [illegible] Tape Std °F
Surveyed by ACGuizado
Notes ACG Date 11-7-75
Indexed G. D. BAILEY NOV 25 75

F. B. 3871 PG. 71
BTM READING
LARGER = +
SMALLER = −

F. B. 3871 Pg. 72

NOV 24, 1975
300 TAPE @ 84° Cal.6

N 4139 373.48
E 4229 743.90
ALHAMBRA B-4
LAWD 1937
FB 2700-155,156

B-2
Fd L&CE TAG
FB 2937-208

N 42°-49'-55" W

FIREMAN TRAINING TOWER

N 4132 091.51
E 4236 494.65
ALH. D-6
FB 2937-211
FB 939-103,104

C-1
Fd Ch + "
FB 2937-204

7.58

C-2
Fd L&CE TAG
FB 2937-204

C-1A
Set Brass Nail in Ld
By INT

136°-32'-28"

102.63

56.85

Set Conc Nail

1) 136° 32' 40"
4) 186-09-55
46-32-29
6) 99-14-45
136-32-29½

ALH D-6 to Conc Nail
T=72
12445 @ 36°25'35" = 102.65
12358 @ 33°51'05" = 102.63

102.64
-.01
102.63

Conc Nail to C-1A
T=72
56.85 @ LEV = 56.85

C-1A to C-2
7.58 @ LEV = 7.58
T=72°

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

Do not extend this side of this line.

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

Profile No. | Notes Red | Plotted | Job No. 0084.05 | Division No. 11 | F. B. 3871 | Pg. 73

Profile No. | Date | Date | Survey of Biscailuz Ctr. Subsidence

X-Sec. No. | Notes Chk'd C. TOY | Checked | Survey by L. Brown | Notes Massey | Date 11-18-75

X-Sec. No. | Date 12-10-75 | Date | Map No. | Indexed D. D. BAILEY | Date NOV 25 '75

JOB NUMBER 0084.05

BISCAILUZ CENTER

RESERVOIR

SUBSIDENCE CHECK

RERUN OF VERTICAL CONTROL

LINE "B" (B-1 to B-6)

NOVEMBER 18, 1975

L. Brown

R. Massey

J. Henderson

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

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
Fnd B.M. #1				619 46	B.M. No. 1, F.B. 887-7, F.B. 1136-29, F.B. 1668-12
	356	623 02			Elev. = 619.458 (1944) water tank cut "x" in bolt head
					in bearing plate of S.E. ly. leg of water tank.
B.M. #1-A			3 71	619 31	B.M. No. 1-A, Elev. = 619.317 (1944) F.B. 1668-6 Bt. Sp.
	334	622 65			in conc. pillar of N.E. ly leg of elevated water tank.
T.P.			9 92	612 73	
	226	614 99			
B-1			5 14	609 85	B-1 F.B. 2937-203 Chis. "+" in conc.
	484	614 69			
Fnd. TBM			4 81	609 88	TBM Elev. = 609.589 F.B. 3871-60 - Elevation
	527	615 15			on different datum.
B-2			5 16	609 99	B-2 F.B. 2937-203 Ld. + C.E. tag
B-3			10 49	604 66	B-3 " " " Lg. Bt. Spk. w + tin
B-4			4 09	611 06	B-4 " " - 205 Ld. + C.E. tag
B-5			7 73	607 42	B-5 " " - " 2" l. P. + Sm. Bt. Spk.
B-6			7 03	608 12	B-6 " " 205 " " " " "
T.P.			5 29	609 86	
	507	614 93			
T.P.			2 19	612 74	
	9 06	621 80			
Fnd B.M. #1			2 34	619 46	B.M. #1 Elev. = 619.458 F.B. 887-7.

F. B. 3871 Pg. 74
Job No. 0084.05 Division No. 11 Notes Red Plotted Profile
Survey of Biscailuz Ctr. Subsidence Date Date No.
Survey by L. Brown Notes R. Massey Notes Chk'd C. TOY Checked X-Sec.
Indexed G. D. BAILEY Date NOV 25 '75 Date 12-10-75 Date No.

NOTES RED. JOB NO 0084.05 SURVEY OF Biscailuz Ctr. Subs F. B. 387 Pg. 75

DATE SURVEY BY A.C. Guizado

NOTES CHKD. C. TOY NOTES BY MAW DATE 1-7-76

DATE INDEXED G. D. BAILEY DATE JAN 1 8 1976

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						JOB NO 0084.05
						BISCAILUZ CENTER RESERVOIR
						WATER TANK SITE SURVEY
						TIE IN USBM #691 (FB377-10) 1928 ADJ
						TO PRECISE LEVEL #61
						LOVAR RODS
						ZEISS LEVEL
						Guizado
						WEST
						WAISH
						LYBRAND
						FISHER

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

765420 S & E-383 9-55

768420 S & E-353 9-55

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

JOB NO. 2084.25 SURVEY OF Bicycleway etc subs
SURVEY BY A.C. Gutzeit
NOTES BY KLAW DATE
INDEXED G.D. BAILEY DATE JAN 14 1972
NOTES CHKD. DATE
NOTES RED. DATE

F.B. 3871 PG. 76

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Fd 61-2	326.712				326.712	BM 61-2 ELEV = 320.712 (1971 Adj)
+	0910		0972			EASTERN AVE & E. BLANCHARD ST
⊼		-10.530	-10.530			NE COR - A.C.E. BM MON IN Well w/COVER
−	11.440		11.502			31° N'ly of N. end CR MK'd BM
TP						61-2
+	0.441		0.268			
⊼		-8.641	-8.641			
−	9.082		8.909			
TP						
+	0.308		0.200			
⊼		-9.854	-9.852			
−	10.162		10.052			
TP						
+	0.621		0.672			
⊼		-7.114	-7.113			
−	7.735		7.785			
TP						
+	1.779		1.822			
⊼		-4.716	-4.717			
−	6.495		6.539			
Fd 61-1	285.857 B				285.861	BM 61-1 ELEV = 285.861 (1971 adj)
"	285.864					FB 2863 - EASTERN AVE & FLORALDR
+	2.565		2.590			NE COR - 42.5 N. of N. end CR BT
⊼	288.426	-3.287	-3.285			SPK IN Ld.
−	5.852		5.815			
TP	282.574					
+	4.218		4.175			
⊼	286.792	-0.890	-0.893			
−	5.108		5.068			
TP	281.684					

76S420 S & E-353 9-55

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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	281.684					
+	7.070		7.008			
⊼	288754	+4512	+4516			
−	2.558		2.492			
TP	286196					
+	8.669		8600			
⊼	294865	+7.741	+7.742			
−	0.928		0.858			
TP	293.937					
+	8.145		8.196			
⊼	302.082	+6.091	+6.093			
−	2.054		2.103			
TP	300.028					
+	9000		8935			
⊼	309.028	+8.165	+8.166			
−	0.835		0.769			
TP	308.193					
+	9.068		9.027			
⊼	317.261	+5.875	+5.871			
−	3.193		3.156			
Fd By 8110	314.0~~68~~ 70				314,077	BM By 8110 ELEV=314.072 (1971 adj)
+	4760		4.667			RIVERA Quad pg 21 L.A.Co.R.D.
⊼	318.828	+0.774	+0.774			FLORAL DR & FORD BLVD S.E. COR
−	3.986		3.893			L&T 1º E. of E CR
Fd US #691	314.84~~2~~ 4				314.852	BM US #691 ELEV=315.19 (1928 adj)
+	4562		4538			FB 877-10 SW CORNER FLORAL DR
⊼	319.404	−2.379	−2.376			& FORD BLVD @ N. end of conc Foundation
−	6941		6.914			to pumps − chiseled square
Fd 31-12A	312.46~~3~~ 6				312.475	BM 31-12A ELEV=312.475 (1971 adj)
						SEE pg 78 FOR DESC.

NOTES RED ____ JOB NO. 0084.05 SURVEY OF Biscailuz Cte subs.
DATE ____ SURVEY BY A.C. Cruzada
NOTES CHKD. C. TOY NOTES BY MAW DATE 1-7-76
DATE ____ INDEXED G.D. BAILEY DATE JAN 14 1978

F.B. 3871 PG. 77

76S420 S & E-353 9-55

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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Ed 31-12A					312.475	BM 31-12A ELEV = 312.475 (1971 adj.) FB FLORAL DR & FORD Blvd NW COR - 71°N & 17°W of ℄ int (North on Ramp to L.B. Fewy) C-S. MON in well w/iron cover

JOB NO. 0084 05 SURVEY OF Biscayne Cte Subs NOTES RED.
SURVEY BY A.C. Guizado DATE
NOTES BY MAW DATE 1-7-76 NOTES CHKD. C. [illegible]
INDEXED DATE DATE

F.B. 3871 PG. 78

F. B. 3871 PG. 79

Profile No. ____ Notes Red ____ Plotted ____ Job No. 00840 5 Division No. 11

Date ____ Date ____ Survey of Biscailuz Ctr. Subsidence

X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ACG Notes ACG Date 3/30/76

Date ____ Date ____ Map No. ____ Indexed E. PALMER Date MAR 31 1976

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
					JOB No. 008405 BISCAILUZ CENTER RESERVOIRS WATER TANK SITE SURVEY SUBSIDENCE CHECK MARCH 29-30 1976
					LOVAR Rods Zeiss Level
					Quizado West Lybrand Fisher

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Fd BM #1	3941	623 399		619 458	BM #1 ELEV = 619.458	FB 877-7 (1941) FB 1136-29
					WATER TANK - CUT "X" IN BOLT Head in	
					BEARING PLATE of So E'ly LEG	
Fd BM #1-A	4 158	623 473	4 084	619 315	BM #1-A ELEV = 619.317	FB 1668-6
TP	2 771	615 504	10 740	612 733	WATER TANK - Bt spk	IN No E'ly LEG CONC BASE
D-1	4 684	614 582	5 606	609 898	D-1 FB	CHISOL "+"
C-1			4 608	609 974	C-1	" "+"
B-1			4 725	609 857	B-1	" "+"
D-2			5 031	609 551	D-2	BT SPK
C-2	5 756	615 370	4 968	609 614	C-2	L&TAG
T-1			5 718	609 652	T-1	L&TAG
C-2A			5 514	609 856	C-2A	L&TAG
B-2			5 380	609 990	B-2	L&TAG
T-2			5 149	610 221	T-2	L&TAG
B-3			10 716	604 654	B-3	Bt SPK
A-1A			4 945	610 425	A-1A	L&TAG
B-4			4 312	611 058	B-4	L&TAG
C-2B			7 025	608 345	C-2B	Bt SPK
C-3			9 261	606 109	C-3	Bt SPK
TANK #1			5 052	610 318		W SIDE
" #2			5 070	610 300		S "

F. B. 3871 PG. 80
Job No. 2084 05 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Biscailuz Ctr. Subsidence Date ____ Date ____ No. ____
Survey by ACG Notes ACG Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed L. M. PALMERI Date MAR 31 1976 Date ____ Date ____ No. ____

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		615 370				
TANK #2			4 930	610 440		W SIDE
C-3	5 228	611 337	9 261	606 109		BT SPK
TANK #1			0 960	610 377		S. SIDE
C-4A			6 778	604 559	C-4A	2" IP
B-4	11 516	622 574	0 279	611 058	B-4	L&T
A-4	8 400	628 887	2 087	620 487	A-4	Bt spk
A-3			5 691	623 196	A-3	1" IP
A 2			5 322	623 565	A-2	2" IP
A-4	2 680	623 167	8 400	620 487	A-4	
A-5			10 121	613 046	A-5	
A-6	6 248	619 328	10 087	613 080	A-6	
B-5			11 902	607 426	B-5	2" IP
B-6	0 332	608 440	11 220	608 108	B-6	2" IP
C-6	0 332	596 918	11 854	596 586	C-6	2" IP
C-5			0 961	595 957	C-5	2" IP
TP	0 652	586 792	10 778	586 140		
D-3			7 628	579 164	D-3	2" IP
D-4			7 069	579 723	D-4	2" IP
TP	0 467	575 834	11 425	575 367		
TP			11 320	564 514		

Profile Notes Red ____ Plotted ____ Job No. 2084 25 Division No. 11 F. B. 3871 PG. 81
No. ____ Date ____ Date ____ Survey of BISCAILUZ CHI SUBSIDENCE
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ACG Notes ACG Date 3-30-76
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] PALMER Date MAR 31 1976

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
TP	0508	565 022		564 514		
TP	0 417	554 723	10 716	554 306		
POT			10 350	544 373	POT	Bt spk
D-5			4 590	550 133	D-5	Bt spk
D-6			3 850	550 873	D-6	2" IP
D-7	11 395	562 862	3 256	551 467	D-7	2" IP
C-7			5 548	557 314	C-7	Bt spk
C-8			6 638	556 224	C-8	2" IP
C-9			4 803	558 059	C-9	2" IP
B-7			0 707	562 155		Bt spk
B-8			2 592	560 270		2" IP
B-9	9 927	570 779	2 010	560 852		2" IP
A-7			3 738	567 041		Bt spk
A-8			5 896	564 883		2" IP
A-9			5 124	565 655		2" IP
PI #3			2 026	568 753		1" IP
TP	1 416	570 945	1 250	569 529		Bt. spk. by Gate
TP	2 062	564 365	8 642	562 303		
SBI #1			4 570	559 795	SBI #1 ELEV = 559.650 FB 2993-42-115 NO SIDE GATE HSE Sybil Brand Inst. So SIDE of ENT GATE Bt spk in Ld	
SBI #3			4 466	559 899	SBI #3 ELEV = @ SO W COR of Visitors ENTRANCE AWNING	SYBIL Brand Inst Bt spk in Ld

F. B. 3871 Pg. 82 Job No. 0084 05 Division No. 11 Notes Red Plotted Profile
Survey of Biscailuz Ctr SUBSIDENCE Date Date No.
Survey by ACG Notes ACG Notes Chk'd. Checked X-Sec.
Indexed I. M. PALMER Date MAR 31 1976 Date Date No.

F. B. 3871 PG. 83

Profile No. ____ Notes Red ____ Plotted ____ Job No 0084.05 Division No. 11
Date ____ Date ____ Survey of Biscailuz CTR Subsidence
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ACG Notes ACG Date 3/22/77
Date ____ Date ____ Map No. ____ Indexed B. D. BAILEY Date MAR 31 1977

JOB NO 0084.05

BISCAILUZ CENTER RESERVOIRS
WATER TANK SITE SURVEY
SUBSIDENCE CHECK

MARCH 21, 22 1977

LOVAR Bode LETTER # 5350-N

ZEISS LEVEL

STATION	B. S.	H. I.	F. S.	ELEV.
			GUIZADO	
			WEST	
			GUIZADO GEO	
			FISHER	

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Fd BM #1	3 567	623 025		619 458	BM #1 ELEV = 619.458 FB 877-7 (1941) WATER TANK - CUT "X" FB 1136-29 IN BOLT HEAD IN BEARING PLATE OF S E ly LEG	
Fd BM 1-A	3 590	622 907	3712	619 ~~313~~ 317	BM #1-A ELEV = 619.317 FB 1668-6 WATER TANK - BT SPK IN N E ly LEG CONC BASE	
TP	2 478	615 221	10 164	612 743		
D-1			5 313	609 908	F.B. 2937-204	
C-1			5 239	609 982		
D-2	5 791	615 352	5 660	609 561		
C-2			5 717	609 635		
B-1			5 474	609 878		
C-2A			5 499	609 853		
B-2			5 342	610 010		
T-1			5 682	609 670		
T-2			5 111	610 241		
A-1A			4 929	610 423		
B-3			10 680	604 672		
C-2B	1 496	609 846	7 002	608 350		
C-3			3 716	606 130		
TANK #1		+	0 545	610 391		SO. SIDE
C-4A	5 870	610 444	5 272	604 574		
TANK #1			0 110	610 334		W. SIDE
TANK #2			0 120	610 324		SO. SIDE

F. B. 3871 Pg. 84 Job No. 0084/05 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Biscailuz Ctr. Sub Date ____ Date ____ No. ____
Survey by ACG Notes ACG Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed G. D. BAILEY Date MAR 31 1977 Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		610 440 4 ← USED FOR FOLLOWING EL.				
TP	8385	615 623	3202	607 238		
TANK #2			5171	610 452		W. SIDE
B-4	11087	622 155	4555	611 068		
A-4			1664	620 491		
A-5			9103	613 052		
A-6			9055	613 100		
TP	8152	629 447	0860	621 295		
A 3			6242	623 205		
A-2			5873	623 574		
TP	1120	619 179	11 388	618 059		
B-6			11 058	608 121		
B-5	1869	609 293	11 755	607 424		
TP	2110	599 709	11 694	597 599		
C-5			3742	595 967		
C-6			3104	596 605		
TP	0638	589 295	11 052	588 657		
D-3			10 111	579 184		
D-4			9547	579 748		
TP	0852	578 565	11 582	577 713		
TP	0915	568 818	10 662	567 903		

Profile Notes Red ____ Plotted ____ Job No. 0084 105 Division No. 11 F. B. 3871 Pg. 85
No. ____ Date ____ Date ____ Survey of Biscaying Ctr Sub
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ACG Notes ACG Date 3-22-77
No. ____ Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date MAR 31 1977

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		568 818				
TP	0660	558 545	10 933	557885		
TP	5988	554 966	9567	548 978		
POT			10665	544 301		
D-5			4965	550001		
D-6			4185	550781		
D-7			3575	551 391		
TP	10 856	564 079	1743	553 223		
C-8			7890	556 189		
C-9			6066	558 013		
C-7			6795	557284		
B-8			3922	560 157		
B-9			3323	560 756		
B-7	10 718	572 823	1974	562 105		
A-8			8057	564 766		
A-9	Out	—	BEEN		HIT	
A-7			5798	567 025		
~~PI#3~~			4106	568 717		
TP	1118	570 618	3323	569 500	SBI #3 ELEV=	SYBIL Brand Inst
	4 811	563 715	11 714	558 904	@ SW COR. of Visitor. Ent. Awning	Bt spk in Ld
SBI #3			3 797	559 902		
SBI #1			3 901	559 814	SBI #1 ELEV=559.650 FB2993-42,115 NO SIDE GATE HSE. SO SIDE ENT GATE	Bt spk in Ld

F. B. 3871 Pg. 86

Job No. 0084 05 Division No. 11 Notes Red Plotted Profile

Survey of Biscailuz etc. SUBSIDENCE Date Date No.

Survey by ACG Notes ACG Notes Chk'd. Checked X-Sec.

Indexed G. D. BAILEY Date MAR 31 1977 Date Date No.

F. B. 3871 PG. 87

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0084.05 Division No. 11
Survey of BISCAILUZ CENTER SUBSIDENCE
X-Sec. No. ____ Notes Chk'd E. Duvernay Date 4/25/78 Checked ____ Date ____ Survey by RCS Notes RCS Date APR 30 '78 Map No. ____ Indexed R. PALMERI Date APR 12 1978

J.N. 0084.05

BISCAILUZ CENTER RESERVOIRS
WATER TANK SITE SURVEY
SUBSIDENCE CHECK

MARCH

LOVAR RODS

R. STRADER
J. FALSEY
L. FISHER

ELEV.

F. S.

H. I.

B. S.

STATION

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

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

Do not extend notes this side of this line.

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Fd. BM #1	3736	623 194		619458	BM#1 Elev. = 619.458 Water Tank - cut 'x' in Bolt head in bearing plate of SE'ly leg	FB 877-7 (1941) FB 1136-29
Fd. BM# 1-A	4 328	623 637	3885	619 309	BM#1-A Elev. = 619.317 Water Tank - Bt. spk. in NE'ly cor. conc. base see page 59	FB 1668-6
TP	2515	615 263	10 889	612 748		
TP	4998	615 373	4 888	610 375		
D-1			5484	609 889		
C-1			5425	609 948		
D-2			5850	609 523		
C-2	5120	614 717	5776	609597	TP	
B-1			4879	609 838		
C-3			8615	606 102		
C-4A			10157	604 560		
TANK #1			4357	610 360	So. Side	
TANK #1			4420	610 297	West Side	
B-3			10 078	604639		
TANK #2			4432	610 285	So. Side	
T-1	5900	615531	5086	609631	TP	
C-2A			5718	609813		
B-2			5563	609968		
A-1A			5141	610390		
T-2			5329	610202		

F. B. 3871 Pg. 88 Job No. 008405 Division No. 11 Notes Red Plotted Profile
Survey of BISCAILUZ CENTER SUBSIDENCE Date Date No.
Survey by KLS Notes KLS Notes Chk'd Duvernay Checked X-Sec.
Indexed L. M. PALMERI Date APR 12 1978 Date 4/25/78 Date No.

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
		615531			
TANK #2			5102	610429	West side
C-2B			7207	608324	
B-4			4491	611040	
TP	11189	623940	2780	612751	
A-2			0352	623588	
A-4	3381	623891	3430	620510	TP
A-3			0665	623226	
A-5			10808	613083	
A-6	3195	616306	10780	613111	TP
B-5			8870	607436	
B-6			8198	608108	
TP	0952	605970	11288	605018	
C-5			9986	595984	
C-6			9368	596602	
TP	0599	595678	10891	595079	
TP	1172	585529	11321	584357	
D-3			6357	579172	
D-4			5791	579738	
TP	0320	574550	11299	574230	
TP	0876	564247	11179	563371	

Profile Notes Red Plotted Job No. 0884.05 Division No. 11 F. B. 3871 PG. 89
No. Date Date Survey of BISCAILUZ CENTER STORAGE
X-Sec. Notes Ck'd Checked Survey by RLS Notes RLS Date 11-6-78
No. Date 11/25/78 Date Map No. Index B. M. PALMER Date DEC 12 1978

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

F. B. 3871 Pg. 90 | Job No. 008405 | Division No. 11 | Notes Red | Plotted | Profile
Survey of BISCAILUZ SEWER SUBSIDENCE | Date | No.
Survey by RLS | Notes RLS APR 12 1978 | Notes Chk'd E. Duwenig | Date 4/25/78 | X-Sec.
Indexed [illegible] | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		564 247				
TP	0663	553 335	11 575	552672		
P.O.T.			9191	544144		
D-5			3538	549797		
D-6			2635	550700		
D-7	10 113	561 368	2080	551255		
C-9			3475	557893		
C-8			5297	556071		
C-7	9690	566875	4183	557185	TP	
B-7			4874	562001		
B-8			6896	559979		
B-9			6300	560575		
TP	8033	573 236	1672	565203		
A-7			6285	566951		
A-8			8645	564591		
P.I.# 3			4618	568618		
TP	0229	563 712	9753	563483	see page 61	
SBI #3	3855	563754	3813	559899	SBI #3 Elev.= Sybil Brand Institute @ S.W. Cor. of visitor Entrance awning. BT spk. in Lead in conc. curb FB 3871-82	
S.B.I. #1			3958	559796	SBI #1 Elev.=559.650 FB 2993-42.115 North side gate house of Sybil Brand Inst. South side Entrance gate. BT spk in Lead in conc. curb	