Notes Ck'd by	Survey of	F.B. 2937 Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

Page	Job	Description
		BISCAILUZ CENTER SUBSIDENCE STUDY J.N. 0084.05
5-16	Horiz. Cont.	Horizontal control-Line A 9-25-61.
17-20	Ties	Section Line Tie-Inter. of the "A" line & the So. line of Sec. 29, T1S, R12W.
41-65	Horiz. Cont.	Horizontal comparison sheets for "A" line 1 through 12 & "B" Line at Sta. A-1.
81-94	Vert. Cont.	Vertical control over Line A 9-29-61
95-101	Elev.	Re-run of levels over control line A. 10-31-61.
103-109	Elev.	Re-run of levels over Control Line A 12-26-61.
111-113	Elev.	Re-run of levels over Control Line A 1-30-62.
115-121	Elev.	Re-run of levels over Control Line A 2-28-62.

Microfilmed April '85

(cont'd on next page)

Note: Any Additions or Changes on this Sheet must be Made of Service in Red Ink with Date and Name of Person Making Change
Do not extend this side of this line.
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
76P3093 CE #310 5-66

F.B. 2937 Pg.

Page	Job	Description	
123-125	Elev.	Re-run of levels over Control Line A 11-3-62.	
127-132	Elev.	Re-run of levels over Control Line A 5-11-62.	
133-137	Elev.	Re-run of levels over Control Line A 6-11-62.	
139-145	Elev.	Re-run of levels over Control Line A 7-11-62.	
147-152	Elev.	Re-run of levels over Control Line A 8-21-62.	
153-163	Elev.	Re-run of levels over Control Line A 9-19-62.	
165-174	Elev.	Re-run of levels over Control Line A 10-22-62.	
175-184	Elev.	Re-run of levels over Control Line A 1-25-63.	
185-192	Elev.	Re-run of levels over Control Line A 2-27-63.	
193-197	Elev.	Re-run of levels over Control Line A 7-1-63.	
201-211	Horiz.	Horiz. Control check	8-7-69
213-222	Vert.	Vertical Control check	8-11-69
223-262	Horiz.	Horiz. Comparisons	11- 69
263-266	B.M.	Rerun of Bench levels	11- 69
267-270	B.M.	Rerun of bench levels	2-70
271-274	B.M.	Rerun of bench levels	5-11-70
275-278	B.M.	Rerun of Bench Levels	8-26-70

PLEASE RETURN TO
LOS ANGELES 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

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

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

F. B. 2937 PG.

Page	Job	Description
279-282	B.M.	Rerun of Bench Levels 12-30-70
283-286	B.M.	Rerun of bench levels 3-26-71

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 3-69

Biscailuz Center

Notes Ck'd by	Survey of Subsidence	F. B. 2937 PG. 5
Map No.	JN 0084.05 Tape 111 Std 84 °F	
Office Work	Surveyed by C.K. Lind	
Checked	Notes Lind Date 9-25-61	
Date	Indexed H. E. OTT [illegible] 3 '61	

J.N. 0084.05

Biscailuz Center Subsidence

Horizontal Control

Line A

9-25-61

Lind
Goble
Barilotti
Caro
Cook

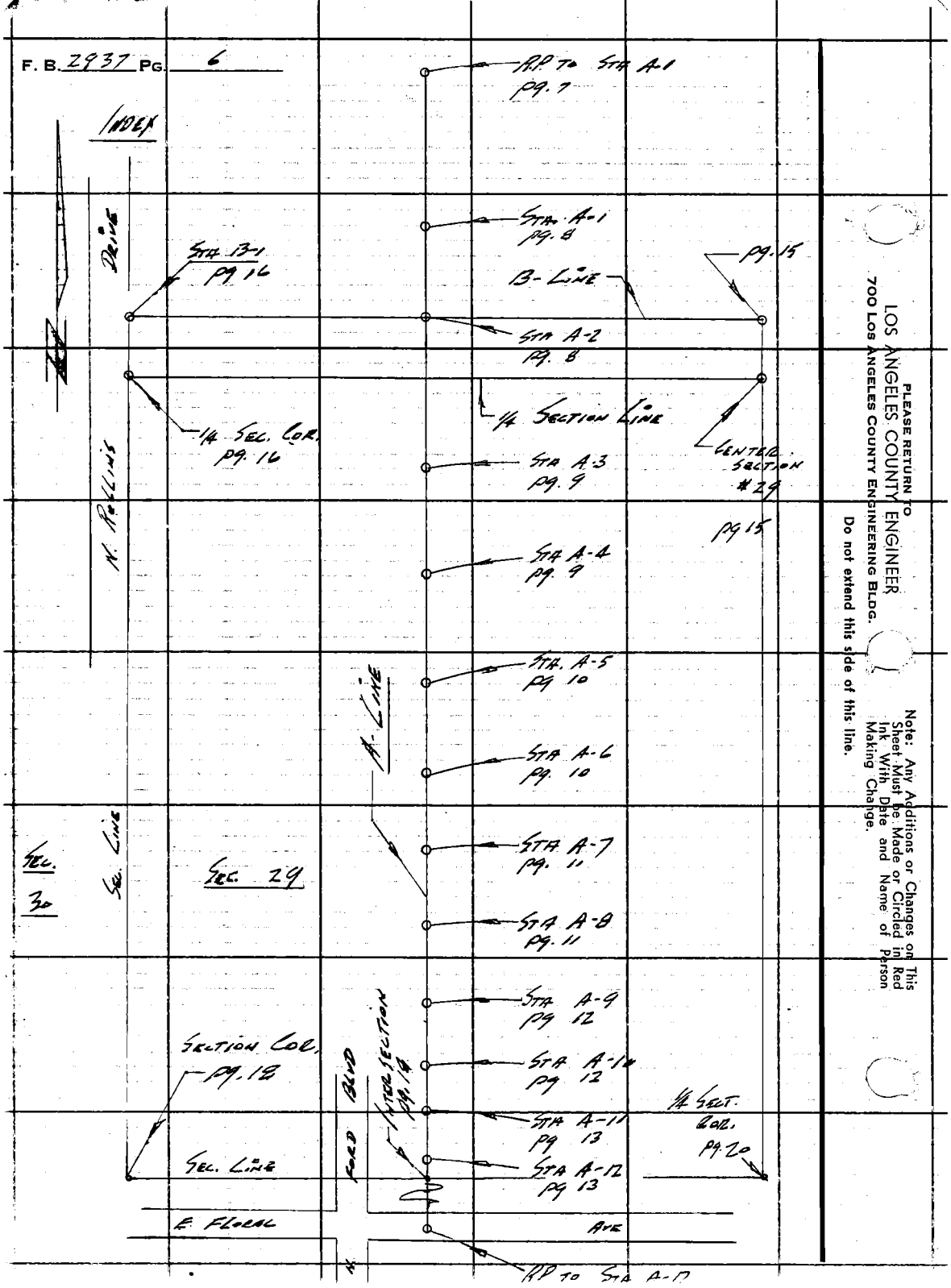
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S S&E #247 11-58

F. B. 2937 PG. 6



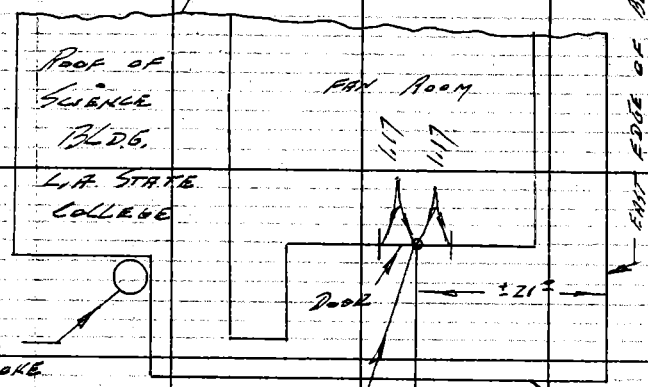
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

BISCAILUZ CENTER

Notes Ck'd by CKGOSS	Survey of SUB SIDENCE	F. B. 2937 Pg. 7
Map No.	JN 009720 Tape 111 Std 84 °F	
Office Work	Surveyed by C.K. LIND	
Checked	Notes LIND Date 9-25-61	
Date	Indexed H.E. OTT	

TO OBTAIN PERMISSION TO SET ON THE ROOF OF THE SCIENCE BLDG @ L.A. STATE COLLEGE SEE MR. DUNSTON AT THE MAINTANCE BLDG. BLDG "T".



R.P. TO A-Z
SET A PENCIL CROSS IN THE CENTER OF THE BOTTOM DOOR JAM OF THE SOUTH DOOR TO THE FAN ROOM ON THE ROOF OF THE SCIENCE BLDG AT L.A. STATE COLLEGE. HOLD TO THIS POINT FOR N. END OF A. LINE SET - VERTICAL STRIP OF RED TAPE IN CENTER OF DOOR FOR PERMANENT

A - 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.

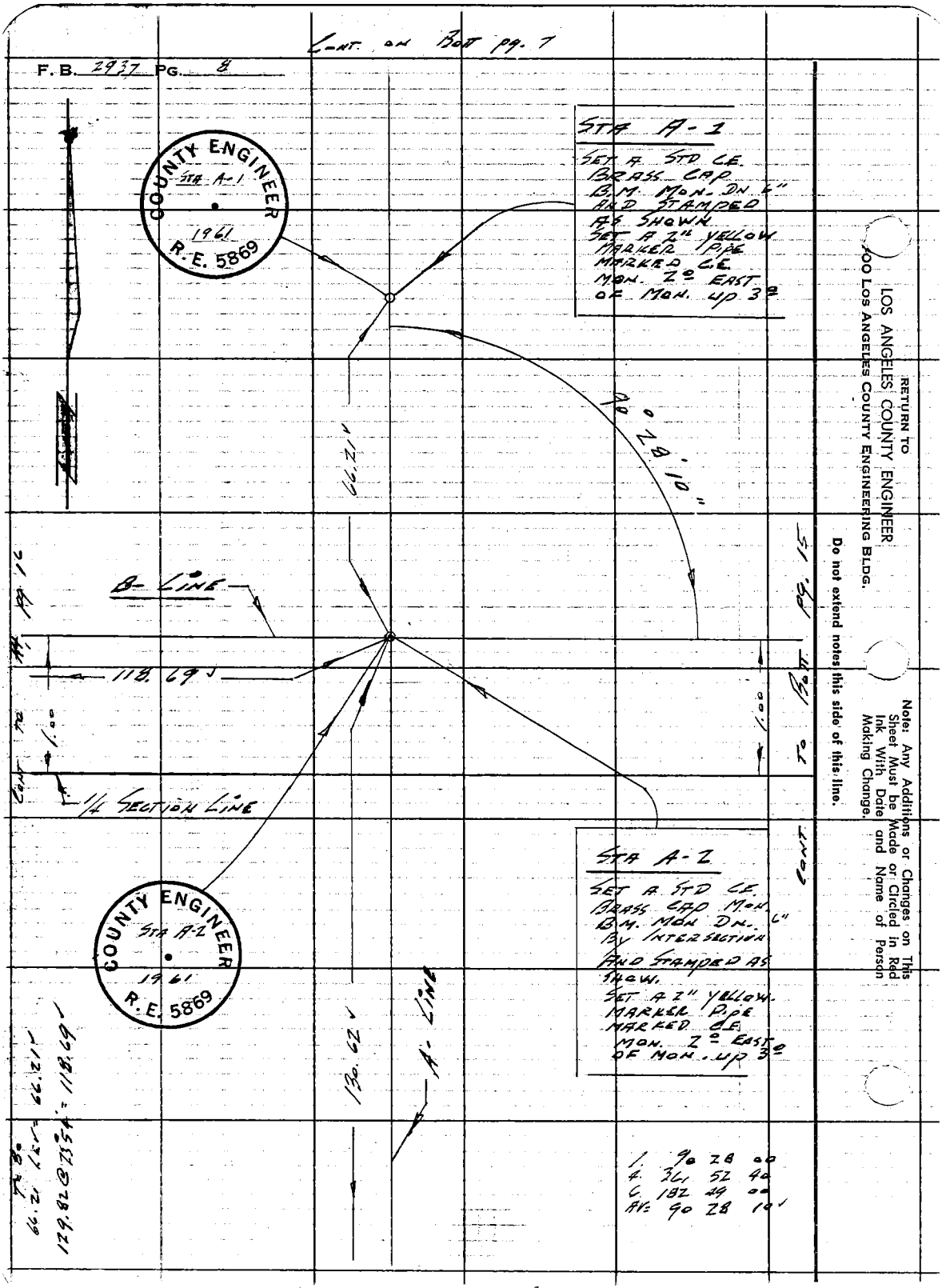
Do not extend notes this side of this line.

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

763098 CE #247 7-59

Cont. on Bot pg. 7

F. B. 2937 PG. 8



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

Do not extend notes this side of this line.

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

BISCAILUZ CENTER

Notes Ck'd by CRGOSS	Survey of SUBSIDENCE
Map No.	JN 0-44.05 Tape 111 Std 84 °F
Office Work	Surveyed by C.K. LIND
Checked	Notes LIND Date 9-25-61
Date	Indexed H. E. OTT

F.B. 2937 PG. 9

CONT. TO BOIT PG. 8

STA - A-3

COUNTY ENGINEER STA A-3 1961 R.E. 5869

SET A STD CE BRASS CAP B.M. MON. DN 6" AND MARKED AS SHOWN SET A 2" YELLOW MARKER PIPE 2° EAST OF MON. MARKED CE MON. UP 3°

130.62

A - LINE

174.42

175.19

T=80

174.63 @ 2° 50' = 174.42

131.15 @ 5° 10' = 130.62

STA - A-4

SET A STD CE BRASS CAP B.M. MON. DN 6" AND MARKED AS SHOWN SET A 2" YELLOW MARKER PIPE MARKED CE MON. 2° EAST OF MON. UP 3°

COUNTY ENGINEER STA. A-4 1961 R.E. 5869

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

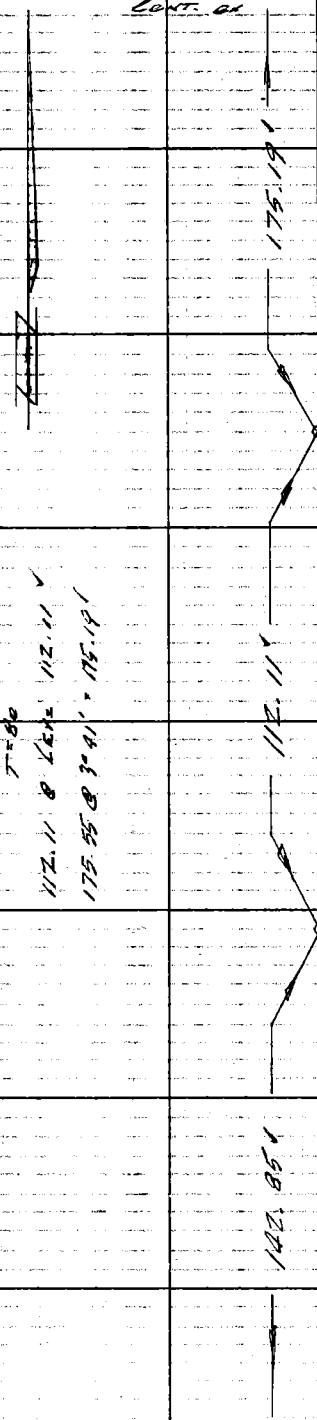
Do not extend notes this side of this line.

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

76309S CE #247—7-53

F.B. 2932 PG. 10

CONT. ON CONT. PG. 9



STA. A-5

COUNTY ENGINEER
STA. A-5
1961
R.E. 5869

SET A STD C.E. BRASS CAP B.M. MON. DN 2" AND MARKED AS SHOWN. SET A 2" YELLOW MARKER PIPE 2' EAST OF MON. UP 3' MARKED CO. ENGR MON.

STA. A-6

SET A STD C.E. BRASS CAP B.M. MON. DN 6" AND MARKED AS SHOWN SET A 2" YELLOW MARKER PIPE 2' EAST OF MON. UP 3' MARKED CO. ENGR. MON.

COUNTY ENGINEER
STA. A-6
1961
R.E. 5869

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

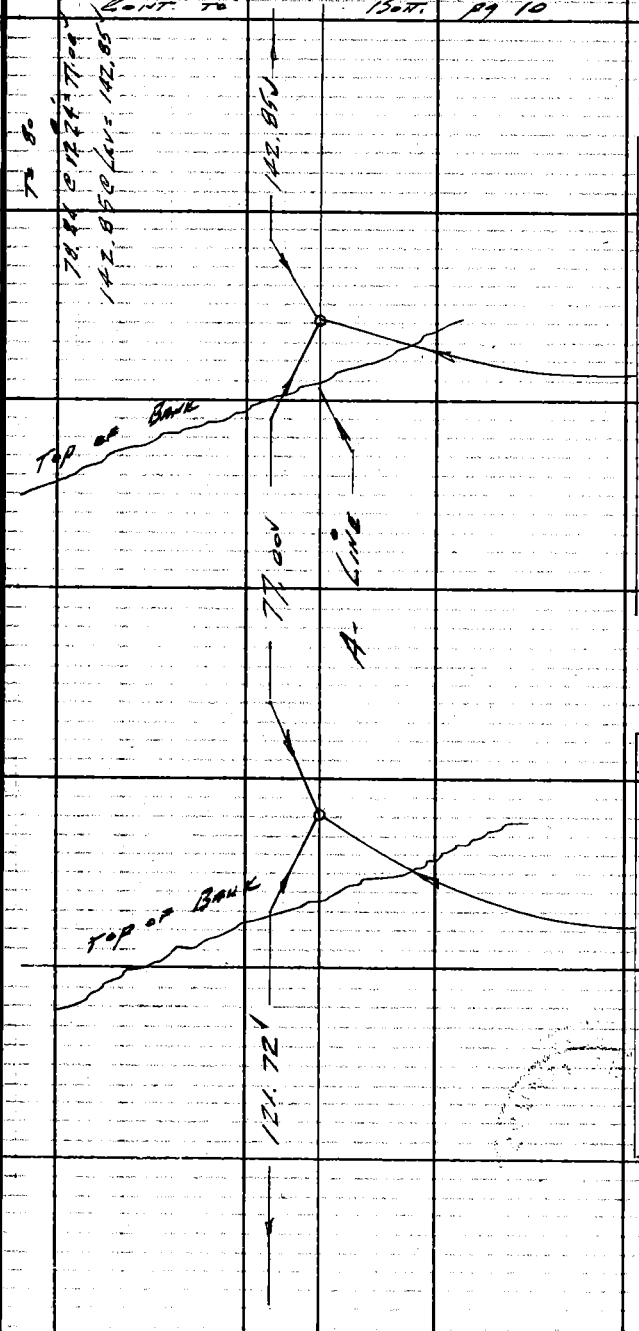
Do not extend notes this side of this line.

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

BISCAILUZ CANYON

Notes Ck'd by C.R. GOSS	Survey of SUBDIVISION	F. B. 2937 PG. 11
Map No.	JN 0084.05 Tape 111 Std 84 °F	
Office Work	Surveyed by C.K. LIND	
Checked	Notes LIND Date 9-26-61	
Date	Indexed H. E. OD	

CONT. TO BOTT. PG 10



STA. A-7

SET A STD C.E. BRASS B.M. MON. DH. 6" AND MARKED AS SHOWN. SET A 2" YELLOW MARKER PIPE 2' EAST OF MON. UP 3', MARKED CO. ENGR. MON.

COUNTY ENGINEER STA A-7 1961 R.E. 5869

STA A-8

SET A STD C.E. BRASS CAP B.M. MON. DH. 6" AND MARKED AS SHOWN. SET A 2" YELLOW MARKER PIPE 2' EAST OF MON. UP 3' AND MARKED C.E. MON.

COUNTY ENGINEER STA A-8 1961 R.E. 5869

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

Do not extend this side of this line.

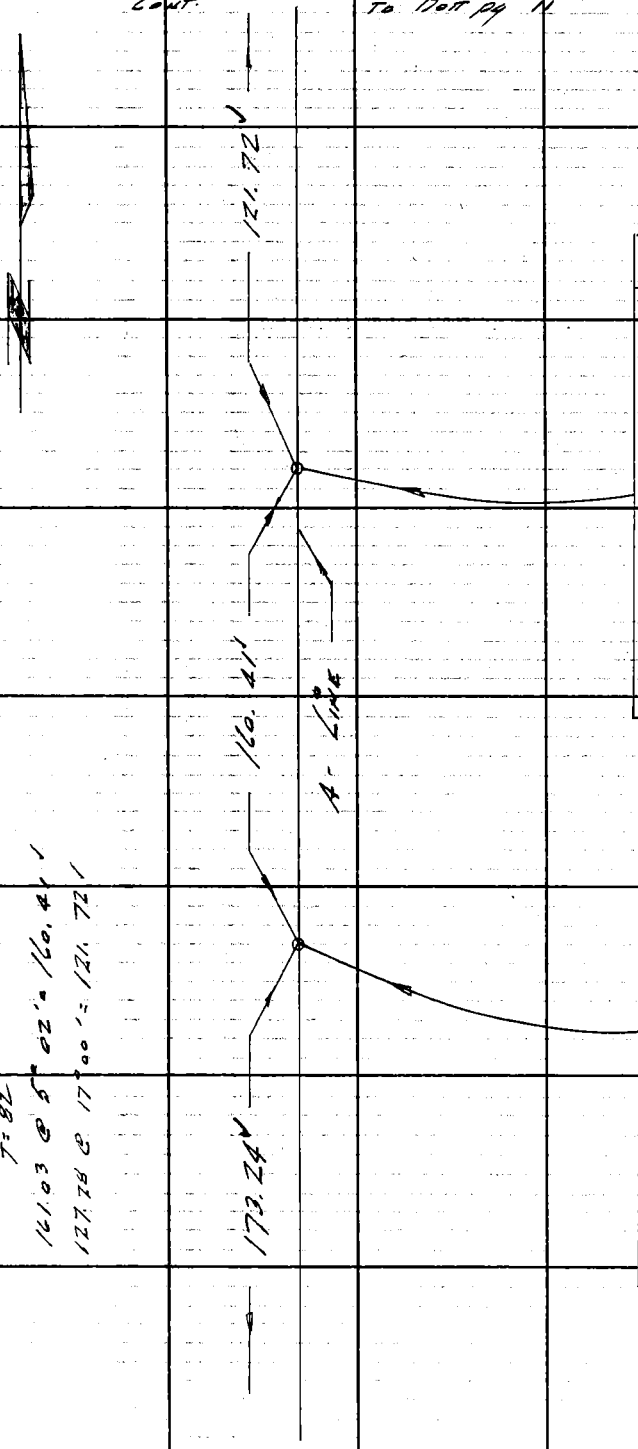
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 11-58

F. B. 2937 Pg. 12

Cont.

To Bot pg 11



STA A-9

SET A STD C.E. BRASS CAP IN MON. DH 6" AND MARKED AS SHOWN SET A 24" YELLOW MARKER PIPE 2' EAST OF MON. MARKED Co ENGR MON.

COUNTY ENGINEER STA A-9 1961 R.E. 5869

STA- A-10

SET A STD C.E. BRASS CAP IN MON. DH. 6" AND MARKED AS SHOWN SET A 2" YELLOW MARKER PIPE 2' EAST OF THE MON. UP 3" AND MARKED COUNTY ENGR. MON.

COUNTY ENGINEER STA A-10 1961 R.E. 5869

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

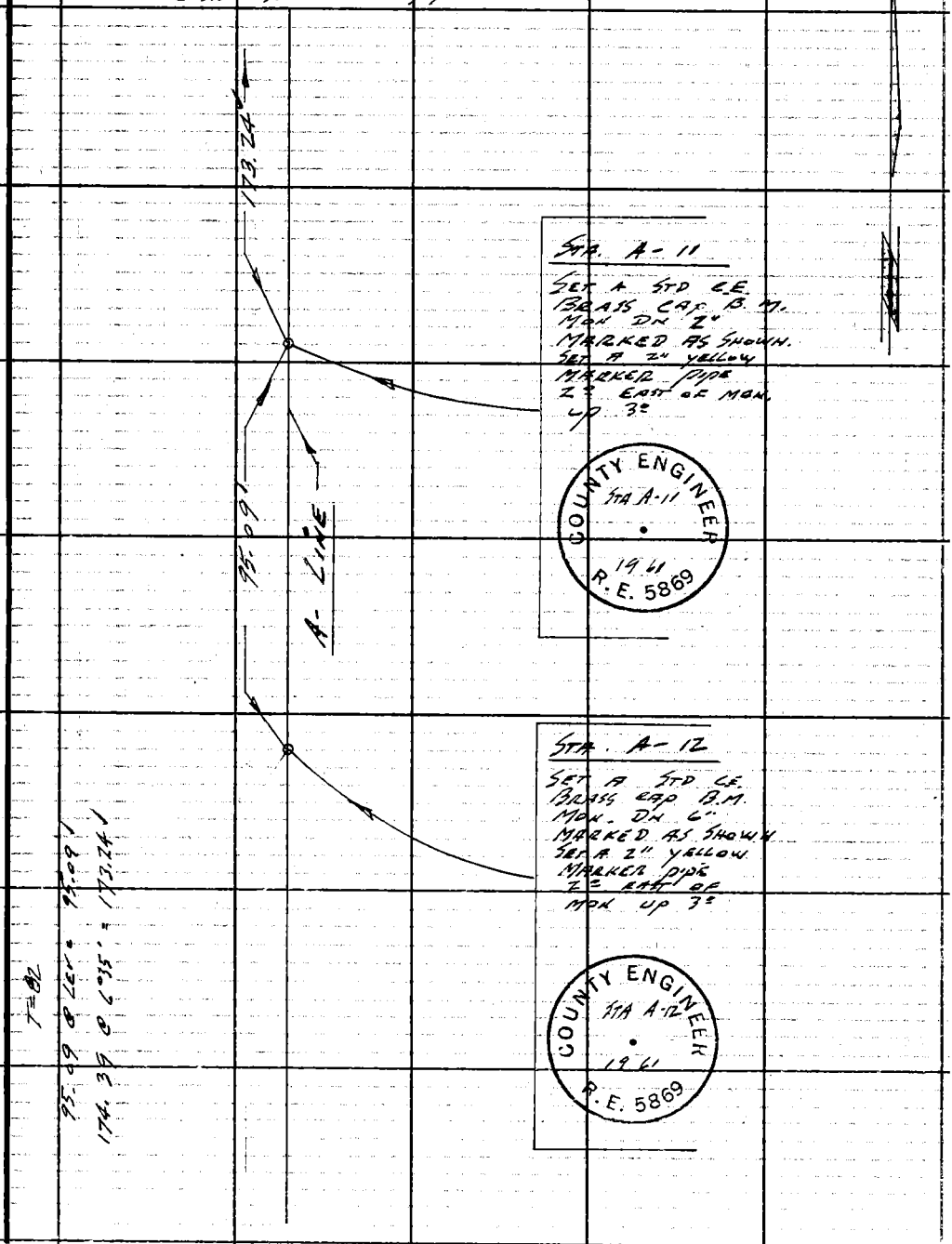
Do not extend this side of this line.

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

BISCUITLUZ CENTER

Notes Ck'd by C.R. GOSS	Survey of SUBSIDENCE	F. B. 2937 PG. 13
Map. No.	JN 0086.05 Tape 111 Std 86 °F	
Office Work	Surveyed by C.K. LIND	
Checked	Notes LIND Date 9-24-61	
Date	Indexed H. E. On	

CONT TO B.M. PG 12



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
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
76F309S S&E #247 11-59

F. B. 2937 PG. 14

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

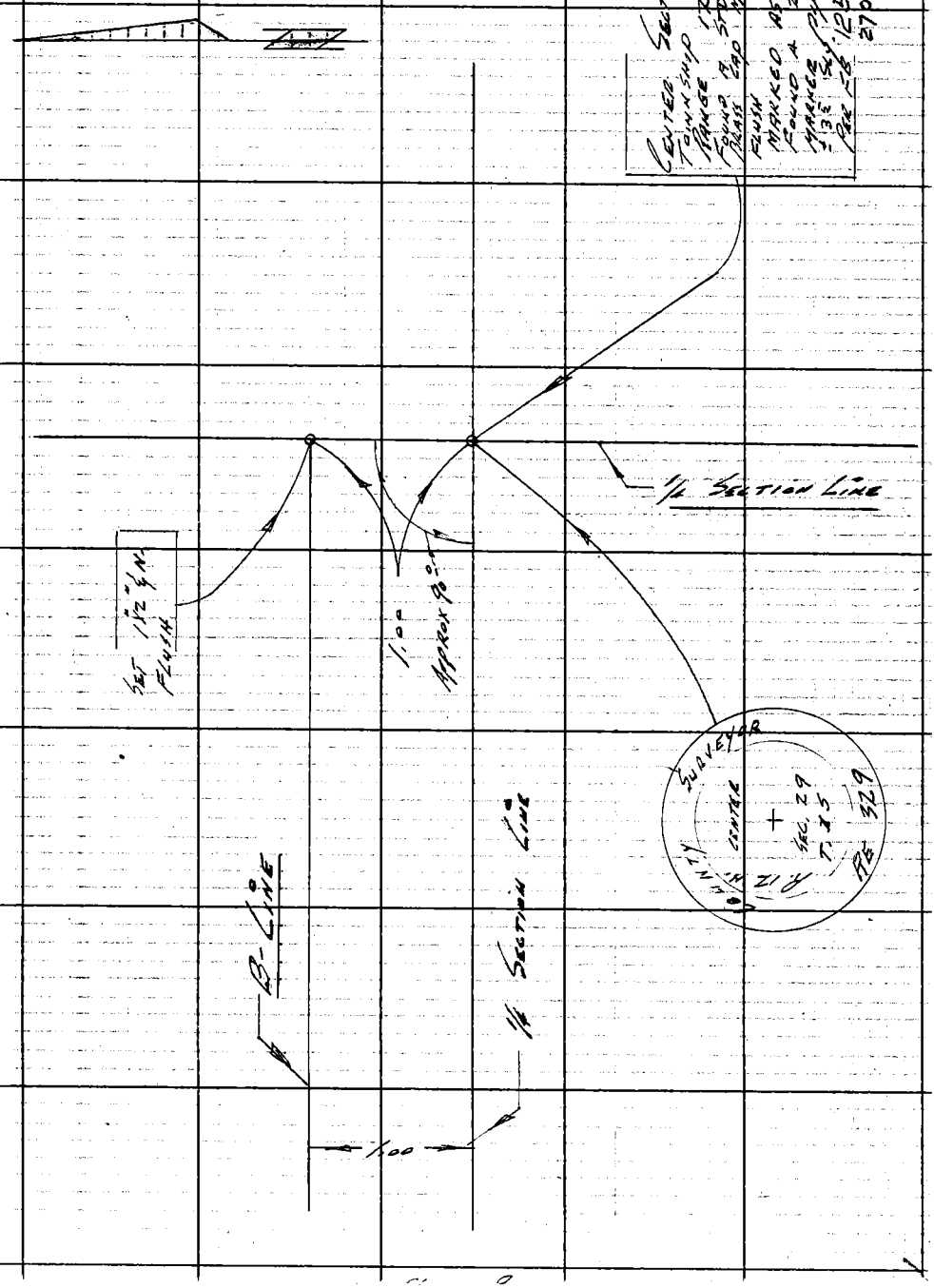
Do not extend this side of this line.

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

BISCUILUZ CENTER

Notes Ck'd by C.R. GOSS	Survey of SUBSIDENCE	F. B. 2937 PG. 15
Map No.	JN 008405 Tape 111 Std 84 °F	
Office Work	Surveyed by C.K. LIND	
Checked	Notes LIND Date 9-25-61	
Date	Indexed H. E. OTT	

W.S. 36 - A 1



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

Do not extend notes this side of this line.

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

763095 CE #247—7-53

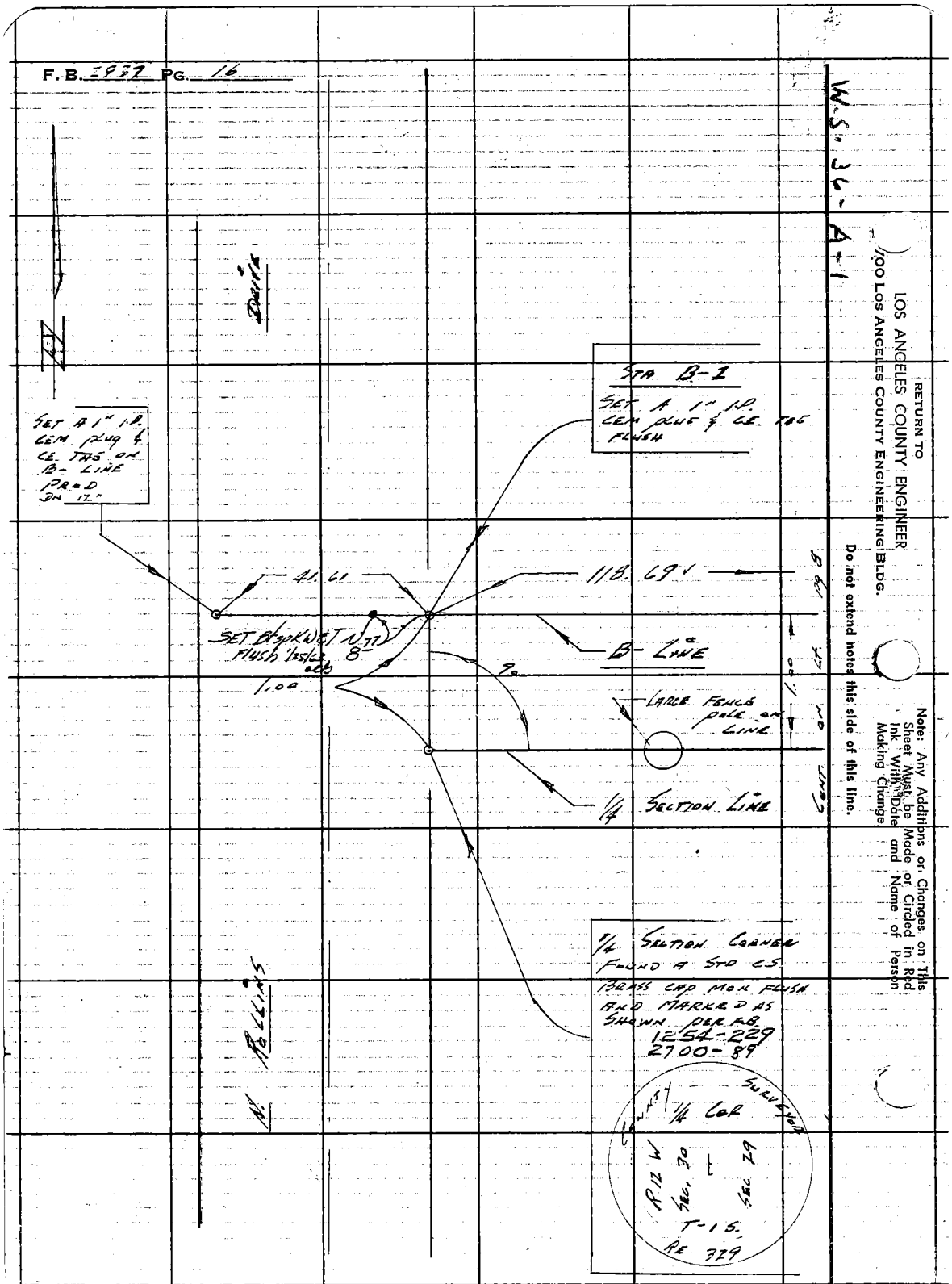
F.B. 1952 PG. 16

W.S. 36-A-1

RETURN TO
LOS ANGELES COUNTY ENGINEER
1,000 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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



BISCAILUZ CENTER

Notes Ck'd by	Survey of SUB SIDENCE
Map No.	JN 0084.05 Tape 111 Std 84 °F
Office Work	Surveyed by C.R. LIND
Checked	Notes LIND Date 3-5-62
Date	Indexed H. E. C. MAR 6 '62

F. B. 2937 PG. 17

JN. 0084.05

BISCAILUZ CENTER SUBSIDENCE

SECTION LINE TIE

INTERSECTION OF THE "A"-LINE
AND THE SOUTH LINE OF SECTION 29.
T 1-S; R. 12 W

NOTE:
SEE PAGE #6 FOR INDEX

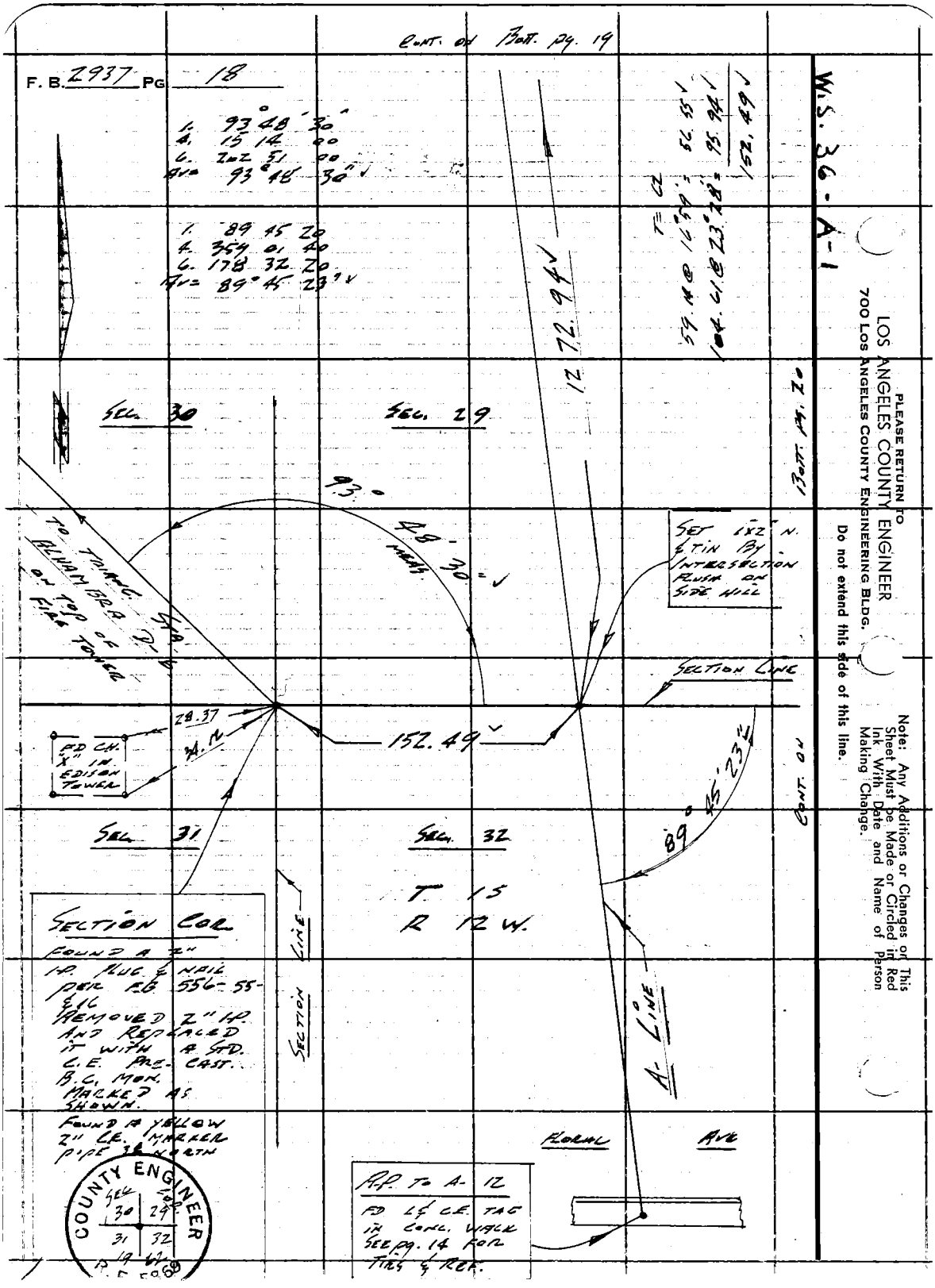
3-5-62
LIND
LEGAULT
CARO
GOODWIN
MC KNIGHT

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
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 11-58



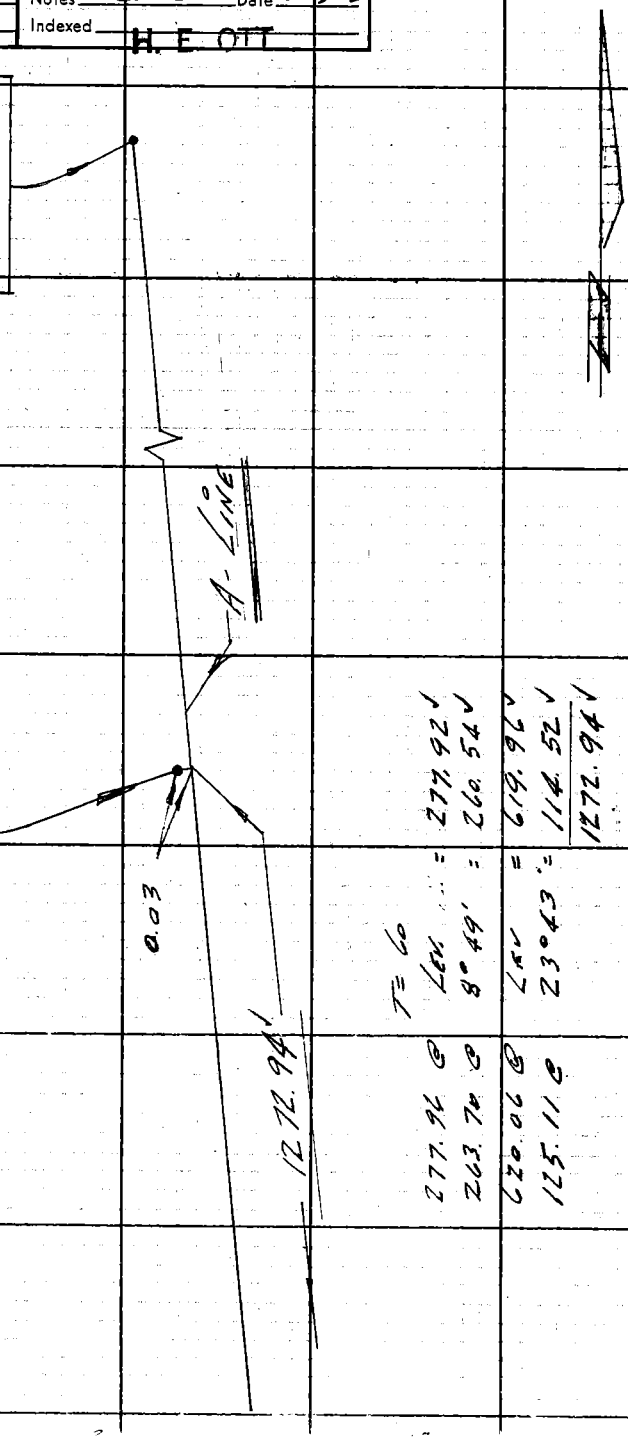
CONT. ON BOTT. PG. 19
F. B. 2937 PG 18
1. 93° 48' 30"
4. 15 14 00
6. 202 51 00
AV= 93° 48' 30"
1. 89 45 20
4. 359 01 40
6. 178 32 20
AV= 89° 45' 23"
W.S. 36 - A-1
T= 62
59.14 @ 16°59' = 56.55
104.61 @ 23°28' = 95.94
152.49
12 72.94
SEC. 30
SEC. 29
93° 48' 30" MEAS.
TO TRIANG. STA. ALHAMBRA D-6 ON TOP OF FIRE TOWER
SET 1X2" N. & TIN BY INTERSECTION FLUSH ON SIDE HILL
SECTION LINE
28.37
34.12
FD CH. "X" IN EDISON TOWER
152.49
89° 45' 23"
CONT. ON
SEC. 31
SEC. 32
T 15
R 12 W.
SECTION COR.
FOUND A 2" I.P. PLUG & NAIL PER F.B. 556-55-&16
REMOVED 2" I.P. AND REPLACED IT WITH A STD. C.E. PRE-CAST. B.C. MON. MARKED AS SHOWN.
FOUND A YELLOW 2" C.E. MARKER PIPE 38 NORTH
SECTION LINE
A-LINE
FLORAL AVE
R.P. TO A-12
FD L & C.E. TAG IN CONC. WALK SEE PG. 14 FOR TIES & REF.
COUNTY ENGINEER
SEC. 30 COR. 29
31 32
19 62
R.F. 5869
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

BISCUIT CENTER

Notes Ck'd by C.R. GOSS	Survey of SUBSIDENCE	F. B. 2937 PG. 19
Map No.	JN 0084 05 Tape 111 Std 84 °F	
Office Work	Surveyed by C.K. LIND	
Checked	Notes LIND Date 3-5-62	
Date	Indexed H. E. OTT	

W.S. 3 A-1

A-1
RP TO A-12
PENCIL "X" IN CENTER OF DOOR JAM PER PG. 7. SEE PG 7 FOR DESC & TIES.



STA A-12
FD A STD CE B.C. B.M. MON DW 6" AND MARKED AS SHOWN
FD YELLOW MARKER PIPE 2° EAST OF MON UP. 3° PER FB. 2937 - B

COUNTY ENGINEER
STA A-12
19.61
R.E. 5869

T = 60

277.96 @	LEV.	=	277.92 ✓
263.70 @	8°49'	=	260.54 ✓
620.06 @	LEV	=	619.96 ✓
125.11 @	23°43'	=	114.52 ✓
			1272.94 ✓

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
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

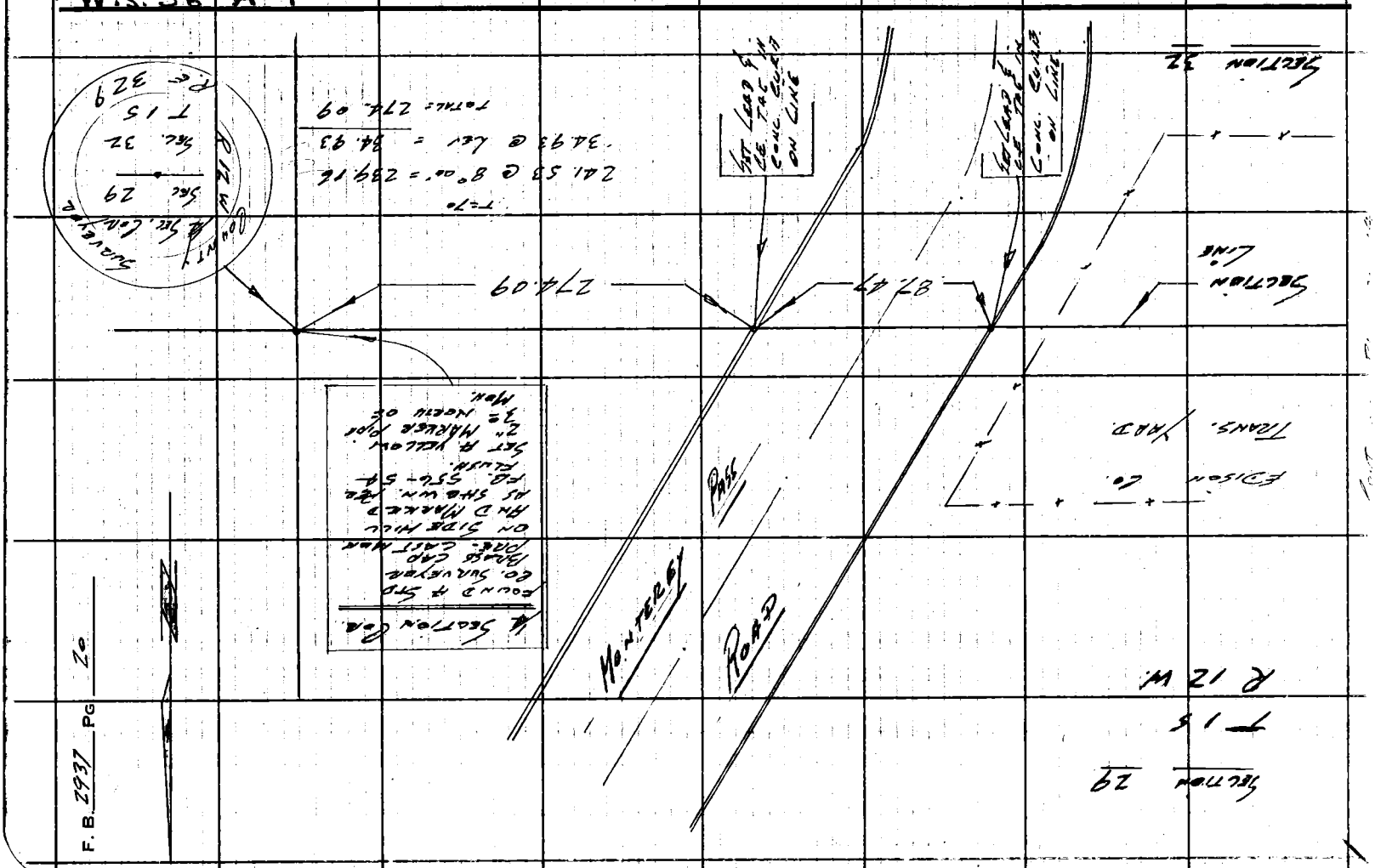
76F309S S&E #247 11-58

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 this side of this line.

W.S. 36-A-1



F. B. 2937 PG 20

Notes Ck'd by	Survey of Biscailuz Ctr. Subsidence
Map No.	JN 008405 Tape 141 Std 80 °F.
Office Work	Surveyed by A.C. Guizado
Checked	Notes ACG Date 1-30-62
Date	Indexed H. E. OTT FEB 1 '62

F. B. 2937 PG. 41

JN 008405

BISCAILUZ CENTER SUBSIDENCE

HORIZONTAL COMPARISON
SHEETS FOR
"A" LINE 1 THROUGH 12
&
"B" LINE @ STA A-1

NORTH & EAST WILL BE plus (+)
SOUTH & WEST WILL BE MINUS (−)

Guizado	A.C
Smith	R.D
MYERS	R
Glidden	R.D
Lybrand	J

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

Do not extend notes this side of this line.

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

763095 CE #247 7-58

Notes Ck'd by	Survey of Biscailuz Ctr. Subsidence	F.B. 2937 PG. 43
Map No.	JN 0004.05 Tape 141 Std 84 °F	
Office Work	Surveyed by A.C. Guizano	STA A-2
Checked	Notes ACG Date 1-30-62	
Date	Indexed H. E. OTT FEB 1 '62	NORTH = PLUS (+) SOUTH = MINUS (−)

"B" LINE

DATE	TOTAL SHEAR	PERIOD SHEAR	DATE	TOTAL SHEAR	PERIOD SHEAR	T@ A-2 ∡ in NE quad
1-30-62	+0.03	+0.03				1-30-62 1) 90-28-0
4-3-62	−0.03	−0.06				6) 182-47-30
5-4-62	NO change					12) 365-35-00
6-11-62	NO CHANGE					Av = 90°27'5
8-21-62	NO CHANGE					
9-20-62	−0.04	−0.01				
10/22/62	NO CHANGE					
1/25/63	−0.06	−0.02				
2/26/63	−0.04	+0.02				
7/1-63	NO CHANGE					

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

Do not extend notes this side of this line.

RETURN TO LOS ANGELES COUNTY ENGINEER
,00 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247 7-58

NORTH = Plus (+)
SOUTH = MINUS (−)

Notes Ck'd by	Survey of Biscailuz Ctr Subsidence
Map No.	JN 0084-05 Tape 141 Std. 84 °F
Office Work	Surveyed by A.C. Guizado
Checked	Notes A.C.G. Date 1-30-62
Date	Indexed H. E. OIT FEB 1 '62

F. B. 2937 PG. 45

Sta A-1 to A-2
66.21

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR A-1	PERIOD SHEAR A-1	TOTAL SHEAR A-2	PERIOD SHEAR A-2
1-30-62	66.17	-0.04	-0.04	0.00	0.00	+0.01	+0.01
2-28-62	66.19	-0.02	+0.02	-0.02	-0.02	+0.01	+0.00
4-3-62	66.19	-0.02	-0.00	+0.05	+0.07	+0.07	+0.06
5-4-62	66.19	-0.02	0.00	0.00	-0.05	+0.02	-0.05
6-11-62	66.19	-0.02	0.00	-0.02	-0.02	+0.02	0.00
7-12-62	66.19	-0.02	0.00	+0.02	+0.04	+0.06	+0.04
8-21-62	66.19	-0.02	0.00	+0.03	+0.01	+0.08	+0.02
9-20-62	66.19	-0.02	0.00	+0.03	0.00	+0.08	0.00
10/22/62	66.19	-0.02	0.00	0.00	-0.03	+0.05	-0.03
1/25/63	66.19	-0.02	0.00	0.00	-0.00	+0.05	0.00
2/26/63	66.17	-0.04	-0.02	0.00	0.00	+0.05	0.00
7-1-63	STA A-1 DESTROYED BY CONST.					+0.05	0.00

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

Do not extend notes this side of this line.

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

763093 CE #247—7-59

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

Survey of Biscailuz etc Subsidence
JN 008405 Tape 141 Std 84 °F
Surveyed by A.C. GUIZADO
Notes ACG Date 1-30-62
Indexed

H. E. OTT FEB 1 '62

F.B. 2937 PG. 47

STA A-2 to A-3
130.62

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
				A-3	
1-30-62	130.65	+0.03	+0.03	+0.02	+0.02
N.C. 2/28/62	130.65	+0.03	0.00	+0.02	+0.02
4-3-62	130.64	+0.02	-0.01	+0.07	+0.05
5-4-62	130.65	+0.03	+0.01	+0.03	-0.04
6-11-62	130.65	+0.03	0.00	+0.03	0.00
7-12-62	130.65	+0.03	0.00	+0.07	+0.04
8-21-62	130.65	+0.03	0.00	+0.09	+0.02
9-20-62	130.65	+0.03	0.00	+0.09	0.00
10/22/62	130.65	+0.03	0.00	+0.07	-0.02
1/25/63	130.65	+0.03	0.00	+0.08	+0.01
2/26/63	130.65	+0.03	0.00	+0.08	0.00
7-1-63	STA A-3	DESTROYED	BY CONSTRUCTION		

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

Do not extend notes this side of this line.

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

763095 CE #247 7-53

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

Survey Biscailuz Ctr Subsidence
JN008405 Tape 141 Std 84 °F
Surveyed by A.C. Gruzado
Notes ACG Date 1-30-62
Indexed H. E. OTT FEB 1 '62

F.B. 2937 PG. 49

Sta A-3 to A-4
174.42

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
				A-4	
1-30-62	174.42	0.00	0.00	+0.02	+0.02
2/28/62	No Change				
4-3-62	174.46	+0.04	+0.04	+0.07	+0.05
5-4-62	174.47	+0.05	+0.01	+0.03	-0.04
6-11-62	174.45	+0.03	-0.02	+0.01	-0.02
7-12-62	174.45	+0.03	0.00	+0.04	+0.03
8-21-62	174.45	+0.03	0.00	+0.06	+0.02
9-20-62	174.45	+0.03	0.00	+0.08	+0.02
10/22/62	174.45	+0.03	0.00	+0.06	-0.02
1/25/63	174.45	+0.03	0.00	+0.06	0.00
2/26/63	174.45	+0.03	0.00	+0.05	-0.01
7-1-63				+0.05	0.00

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

Do not extend notes this side of this line.

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

763095 CE #247 7-53

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

Survey of Biscailuz Cte. Subsidence
JN 008405 Tape 141 Std 84 °F
Surveyed by A.C. GUIZADO
Notes ACG Date 1-30-62
Indexed H. E. OTT FEB 1 '62

F. B. 2937 PG. 51

STA A-4 to A-5
175.19

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
				A-5	
1-30-62	175.17	-0.02	-0.02	+0.04	+0.04
2-28-62	No Change				
4-3-62	175.21	+0.02	+0.04	+0.08	+0.04
5-4-62	NO CHANGE				
6-11-62	NO CHANGE				
7-12-62	NO CHANGE				
8-21-62	175.21	+0.02	0.00	+0.12	+0.04
9-20-62	175.21	—	0.00	+0.13	+0.01
10/22/62	175.21	+0.02	0.00	+0.09	-0.04
1/25/63	175.21	+0.02	0.00	+0.12	+0.03
2/26/63	175.22	+0.03	+0.01	+0.11	-0.01
7-1-63	175.24	+0.05	+0.02	+0.11	0.00

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
/00 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247 7-53

Notes Ck'd by	Survey of Biscailuz Gr. Subsidence	F. B. 2937 Pg. 53
Map No.	JN 008405 Tape 141 Std 84 °F	
Office Work	Surveyed by A.C. Guizado	STA A-5 to A-6
Checked	Notes A.C.G. Date 1-30-62	112.11
Date	Indexed H. E. OTT FEB 1 '62	

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
				A-6	
1-30-62	112.12	+0.01	+0.01	+0.07	+0.07
2/28/62	No Change				
4-3-62	112.14	+0.03	+0.02	+0.11	+0.04
5-4-62	112.16	+0.05	+0.02	+0.11	0.00
6-11-62	112.18	+0.07	+0.02	+0.15	+0.05
7-12-62	112.18	+0.07	0.00	+0.17	+0.02
8-21-62	112.18	+0.07	0.00	+0.23	+0.06
9-20-62	112.18	+0.07	0.00	+0.23	0.00
10/22/62	112.18	+0.07	0.00	+0.28	+0.05
1/25/63	112.18	+0.07	0.00	+0.25	-0.03
2/26/63	112.16	+0.05	-0.02	+0.31	+0.06
7-1-63	STA A-6 DESTROYED BY CONSTRUCTION WORK				

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

Do not extend notes this side of this line.

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

763095 CE #247—7-53

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

Survey of Biscailuz Ctr Subsidence
JN 008405 Tape 141 Std 84 °F
Surveyed by A.C. Guizado
Notes ACG Date 1-30-62
Indexed

H. E. OTT

F. B. 2937 PG. 55

STA A-6 to A-7
142.85

FEB 1 '62

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
				A-7	
1-30-62	142.77	-0.08	-0.08	+0.03	+0.03
2/28/62	142.85	0.00	+0.08	+0.03	+0.03
4-3-62	142.87	+0.02	+0.02	0.00	-0.03
5-4-62	142.93	+0.06	+0.04	0.00	0.00
6-11-62	142.88	+0.01	-0.05	+0.04	+0.04
7-12-62	142.92	+0.07	+0.04	+0.09	+0.05
8-21-62	142.92	+0.07	+0.00	+0.12	+0.03
9-20-62	142.92	+0.07	0.00	+0.15	+0.03
10/22/62	142.92	+0.07	0.00	+0.13	-0.02
1/25/63	142.92	+0.07	0.00	+0.14	+0.01
2/26/63	142.90	+0.05	-0.02	+0.13	-0.01
7-1-63	STA A-7	DESTROYED	BY CONSTRUCTION	WORK	

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

Do not extend notes this side of this line.

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

76309S CE #247—7-59

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

Survey Biscailuz Ch. Subsidence
JN 0084-05 Tape 141 Std 84 °F
Surveyed by A-C Guizado
Notes ACG Date 1-30-62
Indexed H. E. OTT

F. B. 2937 PG. 57

STA A-7 to A-8
77.00

FEB 1 62

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
				A-8	
1-30-62	76.96	-0.04	-0.04	+0.01	+0.01
2/28/62	76.92	-0.08	-0.04	-0.10	-0.11
4-3-62	76.91	-0.09	-0.01	-0.08	+0.02
5-4-62	76.99	-0.01	+0.08	+0.12	+0.20
6-11-62	76.96	-0.04	-0.03	+0.20	+0.08
7-12-62	77.00	+0.08	+0.04	+0.25	+0.05
8-21-62	77.00	+0.08	0.00	+0.27	+0.02
9-20-62	77.04	+0.12	+0.04	+0.29	+0.02
10/22/62	76.96	-0.04	-0.12	+0.29	0.00
1/25/63	? 76.76 ?	-0.24	-0.20	+0.24	-0.05
2/26/63	77.01	+0.01	+0.25	+0.28	+0.04
7-1-63	STA A-8	DESTROYED	BY CONST.	WORK	

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
/00 LOS ANGELES COUNTY ENGINEERING BLDG.

76309S CE #247 7-53

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

Survey of Biscailuz Ctr. Subsidence
JN 008405 Tape 141 Std 84 °F
Surveyed by A.C. Guizado
Notes ACG Date 1-30-62
Indexed H. E. OTT FEB 1 '62

F. B. 2937 Pg. 59

STA A-8 to A-9
121.72

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR A-9	PERIOD SHEAR A-9
1-30-62	121.73	+0.01	+0.01	0.00	0.00
2/28/62	121.76	+0.04	+0.03	0.00	0.00
4-3-62	121.71	-0.01	-0.04	+0.08	+0.08
5-4-62	121.58	-0.14	-0.13	+0.05	-0.03
6-11-62	121.54	-0.18	-0.04	+0.06	+0.01
7-12-62	121.54	-0.18	0.00	+0.10	+0.04
8-21-62	121.54	-0.18	0.00	+0.10	+0.00
9-20-62	121.54	-0.18	0.00	+0.10	0.00
10/22/62	121.54	-0.18	0.00	+0.12	+0.02
1/25/63	121.52	-0.20	-0.02	+0.14	+0.02
2/26/63	121.50	-0.22	-0.02	+0.09	-0.05
7-1-63	STA A-9	DESTROYED	BY CONST.	WORK.	

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
/00 LOS ANGELES COUNTY ENGINEERING BLDG.

763098 CE #247—7-53

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

Survey of Bicoiluz Ch. Subsidence
JN008405 Tape 141 Std 84 °F
Surveyed by A.C. Guizado
Notes ACG Date 1-30-62
Indexed

H. E. OTT
FEB 1 62

F.B. 2937 PG. 61
STA A-9 to A-10
160.41

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
				A-10	
1-30-62	160.38	-0.03	-0.03	0.00	0.00
2/28/62	160.43	+0.02	+0.05	0.00	0.00
4-3-62	160.38	-0.03	-0.05	+0.02	+0.02
5-4-62	160.37	-0.04	-0.01	-0.05	-0.07
6-11-62	160.37	-0.04	0.00	0.00	+0.05
7-12-62	160.37	-0.04	0.00	+0.02	+0.02
8-21-62	160.37	-0.04	0.00	+0.03	+0.01
9-20-62	160.40	-0.01	+0.03	-0.01	-0.04
10/22/62	160.33	-0.08	-0.07	+0.04	+0.05
1/25/63	160.35	-0.06	+0.02	+0.02	-0.02
2/26/63	160.37	-0.04	+0.02	0.00	+0.02
7-1-63				0.00	0.00

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

Do not extend notes this side of this line.

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

76309S CE #247—7-53

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

Survey of Excavation Ctr Subsidence
JN 008405 Tape 141 Std 84 °F.
Surveyed by A.C. Guizado
Notes A.C.G. Date 1-30-62
Indexed H. E. OTT FEB 1 '62

F. B. 2937 PG. 63
Sta A-10 to A-11
173.24

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR A-11	PERIOD SHEAR
1-30-62	173.23	-0.01	-0.01	0.00	0.00
2/28/62	173.23	-0.01	0.00	-0.04	-0.04
4-3-62	173.25	+0.01	+0.02	-0.01	+0.03
5-4-62	173.23	-0.01	-0.02	-0.09	-0.08
6-11-62	173.23	-0.01	0.00	-0.05	+0.04
7-12-62	173.23	-0.01	0.00	0.00	+0.05
8-21-62	173.23	-0.01	0.00	0.00	0.00
9-20-62	173.27	+0.03	+0.04	-0.00	0.00
10/22/62	173.22	-0.02	-0.05	-0.04	-0.04
1/25/63				UNDER 5.00 ft of fill	
7-1-63	Sta A-11	DESTROYED	BY	CONST.	

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

Do not extend notes this side of this line.

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

763098 CE #247—7-53

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

Survey of Biscailuz Ct Subsidence
JN 0084.05 Tape 141 Std 84 °F
Surveyed by AC Guizado
Notes ACG Date 1-30-62
Indexed H. E. OTT FEB 1 '62

F.B. 2937 PG. 65

STA A-11 to A-12
95.09

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR A-12	PERIOD SHEAR
1-30-62	95.09	0.00	0.00	0.00	0.00
2/28/62	95.11	+0.02	+0.02	-0.03	-0.03
4-3-62	95.09	0.00	-0.02	-0.01	+0.02
5-4-62	95.08	-0.01	-0.01	-0.06	-0.05
6-11-62	95.08	-0.01	0.00	-0.03	+0.03
7-12-62	95.11	+0.02	+0.03	0.00	+0.03
8-21-62	95.11	+0.02	0.00	0.00	0.00
9-20-62	95.09	0.00	-0.02	0.00	0.00
10/22/62	95.09	0.00	0.00	0.00	0.00
	STA A-10 to A-12			268.33	per ORIGINAL DISTANCE
1/25/63	268.31	-0.02	-0.02	0.00	0.00
2/26/63	268.31	-0.02	0.00	-0.03	-0.03
7-1-63	STA A-12 DESTROYED BY CONST.				

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

Do not extend notes this side of this line.

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

763095 CE #247 7-53

BISCAILUZ CENTER

Notes Ck'd by	Survey of SUBSIDENCE	F. B. 2937 PG. 81
Map No.	JN 0084.05 Tape 111 Std 84 °F	
Office Work	Surveyed by CK LIND	
Checked	Notes LIND Date 9-29-61	
Date	Indexed H. E. OTT 3 '61	

JN. 00 84.05

BISCAILUZ CENTER SUBSIDENCE

VERTICAL CONTROL

Line A

9-29-61
LIND
BARILOTTI
GOBEL
CARO
COOK

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

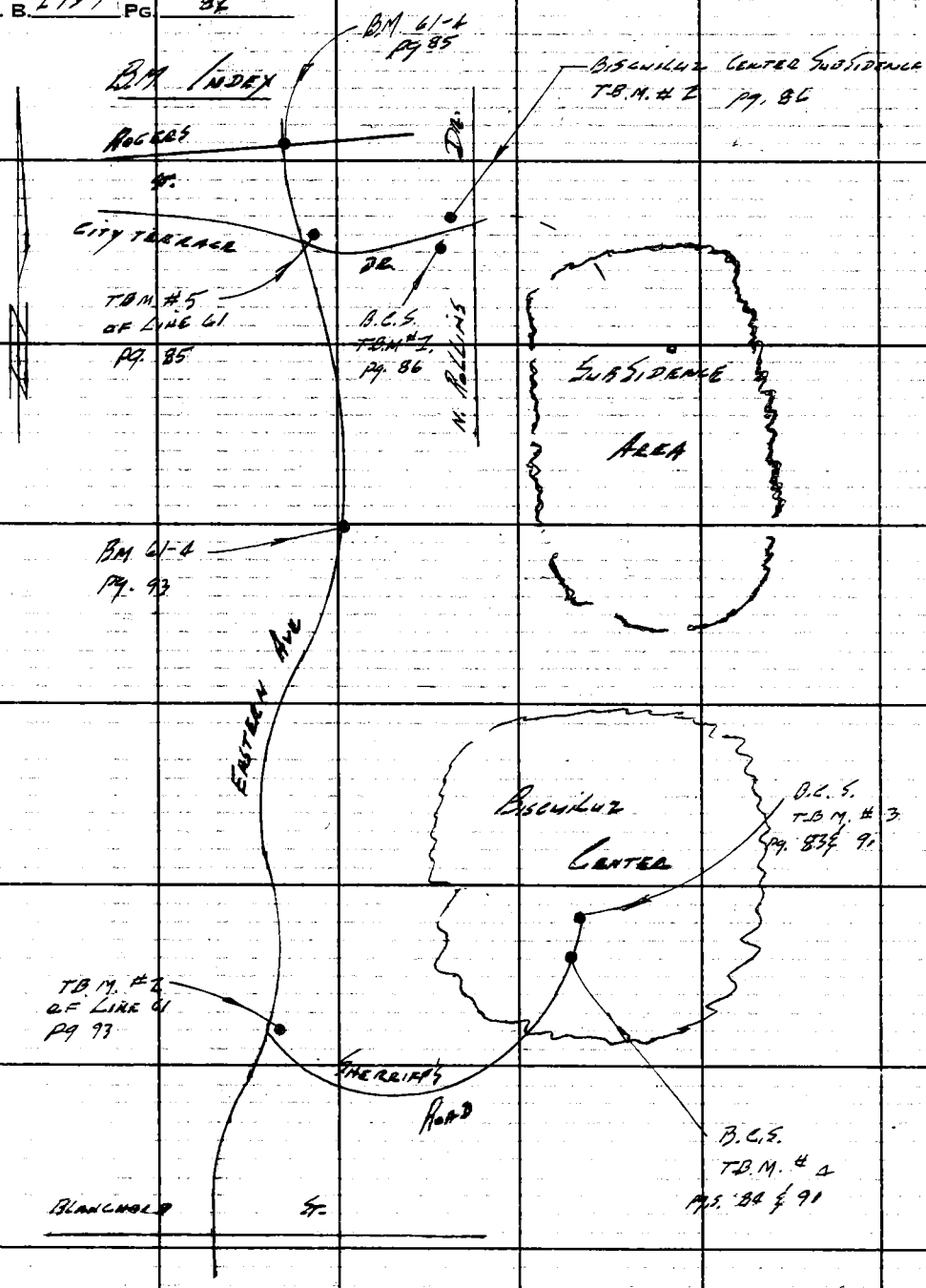
Do not extend this side of this line.

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

76F309S S&E. #247 11-58

BM pg NO

F. B. 2937 PG. 82



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

BISCUILUZ CENTER

Notes Ck'd by	Survey of SUBSIDENCE
Map No.	J.N. 0024.06 Tape 111 Std. 84 °F.
Office Work	Surveyed by C.K. LIND
Checked	Notes LIND Date 9-29-66
Date	Indexed H. E. OTT

F. B. 2937 PG. 33

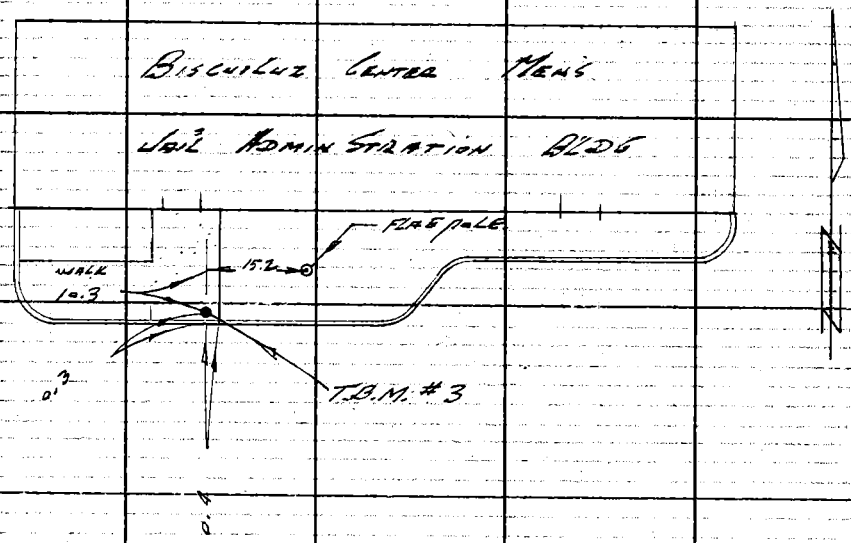
BISCUILUZ CENTER SUBSIDENCE

T.B.M. #3

BISCUILUZ CENTER
1066 N. EASTERN AVE.

IN FRONT OF BISCUILUZ CENTER MEN'S JAIL ADMINSTRATION BLDG.

FOUND A LARGE BK. SPK & W. IN THE CONC. WALK TO THE NWLY. DOOR OF THE ADMIN. BLDG. 0.3 N. OF CONC. CURB & 0.4 W. OF THE EAST EDGE OF CONC. WALK AND 10.3' SOUTH AND 15.2' WEST OF A LARGE FLAG POLE.



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
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 11-58

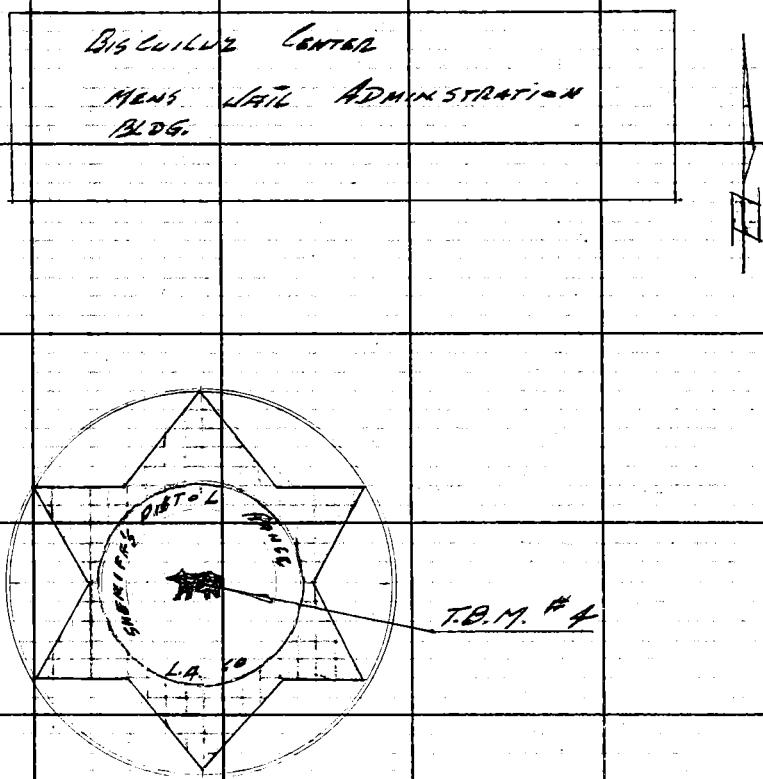
F. B. 2937 PG. 84

BISCUILUZ CENTER SUBSIDENCE

T.B.M. Nº 4

BISCUILUZ CENTER
1060 N. EASTERN AVE

IN FRONT OF THE HALL OF ADMINISTRATION BLDG. FOUND A LEAD AND TACK IN THE MIDDLE OF A PROFILE OF A BEAR, AT THE CENTER OF A LARGE SIX - POINTED LONG STAR, INSCRIBED, "SHERIFF'S PISTOL RANGE L.A. CO.".



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

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
B.M. 61-4	443 730				443.730	Eastern Ave. & Rogers St.
+	8 043		7.987			℄ Intersection Top
π	451 773	+4.958	+4.957	+4.9575		Top L.A. Co. Rd. Dept. Mon.
−	3 085		3.030			F.B. 2863-11 Elev 443.730
T.P	448 688					
+	8 510		+8.461			
π	457 198	+5.771	+5.769	+5.7700		
−	2 739		−2.692			
T.P.	454.459					
+	5 285		+5.260			
π	459 744	+0.509	+0.512	+0.5105		
−	4 776		−4.748			
T.P	454 968					
+	5 898		+5.795			
π	460 866	+0.571	+0.571	+0.5710		
−	5 327		−5.224			
T.B.M #5	455 539			455.5390	455.539	T.B.M #5
+	8 801		8790			Eastern Ave & City Terrace
π	464 340	+8.271	+8268	+8.2695		N.E. Cor. Prod of No side of Ho. #1454
−	0.530		0.522			Bt. spk. incb. F.B. 2863-26
T.P.	463 810					
+	9426		+9.404			
π	473 236	+8.543	+8.542	+8.5425		
−	0 883		−0 862			
T.P.	472 353					
+	9120		+9.152			
π	481 473	+8.842	+8.842	+8.8420		
−	0 278		−0 310			
T.P.	481 195					

NOTES RED _____ JOB NO. 0084.05 SURVEY OF Baseline Subsidence Center
DATE _____ SURVEY BY C.L. Lind
NOTES CHKD [illegible] NOTES BY A.R.B. DATE 9-29-61
DATE 10/3/61 INDEXED B.E. Ott DATE 10/3/61

F.B. 2937 PG. 85

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. 0881.05 SURVEY OF Baldwin Park Subdivision
SURVEY BY C. R. LIND
NOTES BY A. R. B. DATE 9-29-61
INDEXED B. L. OH DATE
NOTES RED
DATE
NOTES CHKD DATE 10/3/61

F.B. 2977 Pg. 44

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~	ADJ. ELEV.	DESCRIPTION
T.P.	481 195					
+	9 670		+ 9.650			
Σ	490 865	+7.708	+ 7.709	+7.7085		
-	1 962		- 1.949			
set.				(-.0057)		set
T.B.M. #1	488 903		(4)	488.9015	488.896	T.B.M. #1 E. City Terrace Dr. & N. Rollins Dr., S.W. Cor. 18± W. of E. end of conc curb. (S. side) on the Prod of the W'ly side of House #4430 Et spk in Lead in So. curb.
+	6 707		+ 6.662			
Σ	495 610	+2.387	+ 2.390	+2.3885		
-	4 320		- 4.272			
set.				(-.0071)		
T.B.M. #2	491 290		(1)	491.2900	491.283	E. City Terrace Dr. & N. Rollins Dr. a small Et. spk in Lead in No. curb. 59.4 W. of the East end of curb & on the Prod of the W'ly side of 40.4431 City Terrace Dr.
+	9 100		+9.162			
Σ	500 390	+8.769	+8.770	+8.7695		
-	0 331		-0.392			
T.P.	500 059					
+	10 668		+ 10.703			
Σ	510 727	+10.371	+10.372	+10.3715		
-	0 297		- 0.331			
T.P.	510 430					
+	10 509		+ 10.562			
Σ	520 939	+10.274	+ 10.276	+10.2750		
-	0 235		0.286			
T.P.	520 704					
+	11 062		+ 11.141			
Σ	531 766	+10.683	+ 10.687	+10.6850		
-	0 379		- 0.504			
T.P.	531 387					

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

NOTES RED _____ JOB NO. 0484.05 SURVEY OF Precise Level Center
DATE _____ SURVEY BY L.L. 2nd
NOTES CHKD. _____ NOTES BY A.B.B. DATE 9-29-61
DATE 10/9/61 INDEXED H. E. OTT DATE _____

10ST 1412552 LOS. DRAGE

F. B. 2437 PG. 47

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~	ADJ. ELEV.	DESCRIPTION
T.P	531 387					
+	11 185		+ 11.276			
Σ	542 572	+10.933	+ 10.932	+ 10.9325		
−	0 252		- 0.344			
T.P.	542 320					
+	10 607		+ 10.708			
Σ	552 927	+10.327	+ 10.328	+10.3275		
−	0280		- 0.380			
T.P	552 647					
+	8 687		+ 8.594			
Σ	561 334	+ 5.066	+ 5.070	+ 5.0680		
−	3621		- 3.524			
T.P.	557 713					
+	4 981		+ 4.924			
Σ	562 694	+ 0.681	+ 0.681	+0.6810		
−	4 300		- 4.243			
T.P.	558 394					
+	8 731		+ 8.833			
Σ	567 125	+5.381	+ 5.381	+ 5.3810		
−	3 350		- 3.452	(-.0198)		
B.M Sta A-#1	563 775		(9)	563.7810	563.761	Sta. A-#1
+	4 130		+ 4.301			Standard Brass Cap C.E. Mon (Button Type)
Σ	567 905	- 3.221	- 3.221	- 3.2210		(Dn 1') 2" I.P. marker 2° E. PER pg. 8
−	7 351		- 7.522	(-.0212)		
B.M Sta A-#2	560 554		(1)	560.5600	560.539	Sta. A #2
+	10 627		+ 10.483			Standard Brass Cap C.E. Mon. (Button Type)
Σ	571 181	+9.836	+ 9.833	+ 9.8345		(dn 6") 2" I.P. marker 2° E. PER pg 8
−	0 791		- 0.650			
T.P.	570 390					

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~	ADJ. ELEV.	DESCRIPTION
T.P.	570 390					
+	4 405		+4.538			
π	574 795	-1.103	-1.102	-1.1025		
-	5 508		-5.640	(-.0240)		
B.M. Sta A.#3	569 287		(2)	569.2920	569.268	Sta - A. #3
+	2322		+2.308			Std. Brass Cap C.E. Mon. (Button Type)
π	571609	-6.219	-6.221	-6.2200		(dn 6") 2" I.P. marker 2° E. per pg. 9
-	8541		-8.529	(-.0254)		
B.M. Sta A.#4	563 068		(1)	563.0720	563.047	Sta. A. #4
+	1 860		+1.950			Std. Brass Cap C.E. Mon. (Button Type)
π	564 928	-7.510	-7.510	-7.5100		(dn 4") 2" I.P. marked 2° E. per pg. 9
-	9 370	-7.510	-9.460	(-.0269)		
B.M. Sta. A.#5	555.558		(1)	555.5620	555.535	Sta. A. #5
+	2 950		2788			Std. Brass Cap C.E. Mon (Button Type)
π	558 508	-3.232	-3.232	-3.2320		(dn 3") 2" I.P. marker 2° E. Per pg. 10
-	6 182		6.020	(-.0283)		
B.M. Sta. A.#6	552.326		(1)	552.3300	552.302	Sta. A. #6
+	4 395		+4.485			Std. Brass Cap C.E. Mon (Button Type)
π	556 721	-2.619	-2.620	-2.6195		(dn 6") 2" I.P. marker 2° E. Per pg. 10
-	7 014		-7.105	(-.0297)		
B.M. Sta. A.#7	549 707		(1)	549.7105	549.681	Sta. A. #7
+	2 780		+3.090			Std Brass Cap. C.E. Mon. (Button Type)
π	552 487	-7.562	-7.562	-7.5620		(dn. 6") 2" I.P. marker 2° E.
-	10 342		-10.652			per pg. 11
T.P.	542 145					
+	0 392		+0.350			
π	542 737	-6.732	-6.921	-6.9305		
-	7 224		-7.279	(-.0325)		
B.M. Sta. A.#8	535 213		(2)	535.2180	535.186	Sta. A. #8 Per pg. 11
						Std. Brass Cap C.E. Mon (dn. 6") 2" I.P. marker 2° E.

JOB NO. 0084.05 SURVEY OF Biscuiluz Center Sub Sidence NOTES RED
SURVEY BY C.K. Lind DATE
NOTES BY A.R.B. DATE 9-29-61 NOTES CHKD [illegible]
INDEXED B.E. Ott DATE 11/3/61

F. B. 1937 Pg. 98

769420 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
B.M. Sta. A.#8	535.213 ✓					Sta A-8
+	3.680	✓	+ 3.378 ✓			STD BRASS CAP C.E. MON
π	538.893	-0.430	- 0.431	-0.4305		DN 6" 2" I.P. MARKER
-	4 110		- 3.809			1= EAST. PER PG. 11
T.P.	534 783					
+	0 365	✓	+ 0.382 ✓			
π	535 148	-11.046	- 11.045	-11.0455		
-	11 411		- 11.427			
T.P.	523 737					
+	0 670	✓	+ 0.480 ✓			
π	524 407	-10.688	- 10.686	-10.6870		
-	11 358		- 11.166			
T.P.	513 049					
+	1 201	✓	+ 1.040 ✓			
π	514 250	-6.204	- 6.203	-6.2035		
-	7405		- 7.243			
T.P.	506 845					
+	1 365	✓	+ 1.227 ✓			
π	508 210	-6.235	- 6.234	-6.2345		
-	7 600		- 7.461	(-.0396)		
B.M. Sta. A.#9	500 610		(5)	500.6170 ✓	500.577	Sta. A-#9
+	0 751	✓	+ 0.815 ✓			Std. Brass Cap Mon. (Button Type)
π	501 361	-9.101	- 9.099	-9.1000		(dn 6") 2" I.P. marker. 2' E.
-	9 852		- 9.914			PER PG 12
T.P.	491 509					
+	0 315	✓	+ 0.330 ✓			
π	491 824	-8.369	- 8.367	-8.3670		
-	8 682		- 8.697	(-.0424)		
B.M. Sta. A.#10	483 142 ✓		(2)	483.1500 ✓	483.100	Sta. A #10.
						Std. Brass Cap Mon. (Button Type) 2" I.P. marker

NOTES RED _____ JOB NO. 0084.05 SURVEY OF Pescanero Center Sq. 3 & Dance
DATE _____ SURVEY BY C.E. LIND
NOTES CHKD ~~D.R.~~ NOTES BY D.R.B. DATE 9-29-61
DATE 10/3/61 INDEXED ~~B.E.O.~~ DATE _____

F.B. 7937 PG. 89

F. B. 7937 Pg. 9a

JOB NO. 0086.05 SURVEY OF Biscuiluz Center Sub Sidence NOTES RED

SURVEY BY C.K. Lind DATE

NOTES BY A.P.R. DATE 9-29-61 NOTES CHKD [illegible]

INDEXED H. F. Ott DATE 10/3/61

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
B.M. Sta A-#10	483 142					Bm Sta A-10
+	0666		+ 0.760			
π	483 808	-10.255	- 10.252	-10.2535		
-	10 921		- 11.012			
T.P	472 887					
+	2748		+ 2.901			
π	475 635	-5.615	- 5.616	-5.6155		
-	8363		- 8.517	(-.0452)		
B.M. Sta A-#11	467 272		(2)	467.2810	467.236	Sta. A-#11
+	0695		+ 0.971			Std Brass Cap Mon (Button Type)
π	467 967	-2.084	- 2.086	- 2.0850		(dn-2') 2" I.P. Marker 2° E. Per pg 13
-	2 779		- 3.057	(-.0466)		
B.M. Sta. A-#12	465 188		(1)	465.1960	465.149	Sta. A #12
+	4 327		+ 4.260			Std Brass Cap. Mon. (Button Type)
π	469 515	+0.583	+ 0.587	+0.5850		(dn-6') 2" I.P. Marker 2° E.
-	3744		- 3673			per pg 13
T.P	465 771					
+	2951		+ 2.830			
π	468 722	+0.202	+ 0.204	+ 0.2030		
-	2 749		- 2 626			
T.P	465 973					
+	8 616		+ 8.484			
π	474 589	+4.352	+ 4.351	+4.3515		
-	4264		- 4.133			
T.P-	470 325					
+	5 308		+ 5.242			
π	475 633	+0.340	+ 0.341	+0.3405		
-	4 968		- 4.901	(-.0523)		
T.B.M #3	470 665		(4)	470.6760	470.624	

769420 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 #3	470 665					T.B.M. #3
+	5 094		+ 4.923			SEE PG. 83 FOR DESCRIPTION
Π	475 759	+ 0.219	+ 0.219	+ 0.2190		& SKETCH.
−	4 875		− 4.704	− .0537		
T.B.M. #4	470884	(1)	(1)	470.8950	470.841	
+	08.01		+ 0.960			TBM, # 4
Π	491685	− 8.194	− 8.198	− 8.1960		SEE PG 84 FOR DESCRIPTION
−	8 995.		− 9158			AND SKETCH
T.P.	462690					
+	2 042		+ 2.200			
Π	464 732	− 5.759	− 5.758	− 5.7585		
−	7 801		− 7.958			
T.P.	456931					
+	3 030		+ 2.932			
Π	459 961	− 4.381	− 4.383	− 4.3820		
−	7 411		− 7315			
T.P	452 550					
+	4370		+ 4.470			
Π	456 920	− 1.680	− 1.678	− 1.6790		
−	6 050		− 6 148			
T.P	450 870					
+	5530		+ 5.639			
Π	456 400	+ 3.134	+ 3.138	+ 3.1360		
−	2396		− 2 501			
T.P.	454004					
+	8 839		+ 9.085			
Π	462 843	+ 6.507	+ 6.503	+ 6.5050		
−	2332		− 2.582			
T.P. (1)	460 511					

NOTES RED _____ JOB NO. 00 8105 SURVEY OF Bluffdale Center Bustamante
DATE _____ SURVEY BY C.L. LIND
NOTES CHKD Kelly NOTES BY A.R.R. DATE 9-29-61
DATE 10/31/61 INDEXED H.E. OTT DATE

F.B. 7337 PG. 82

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. 0084. SURVEY OF Pikewiez Center Sub Division
SURVEY BY L.A.R.R. DATE 9-29-61 NOTES RED
NOTES BY H. E. OTT DATE NOTES CHKD
INDEXED DATE DATE

F. B. 2737 Pg. 92

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. 1x1	460.511					
+	0.361		0.321			
π	460.872	-11.321	-11.322	-11.3215		
−	11.682		-11.643			
T.P.	449.190					
+	0.200		+0.360			
π	449.390	-9.709	-9.710	-9.7095		
−	9.909		-10.070			
T.P.	439.481					
+	0.238		+0.251			
π	439.719	-10.050	-10.051	-10.0505		
−	10.288		-10.302			
T.P.	429.431					
+	0.383		+0.333			
π	429.814	-9.545	-9.545	-9.5450		
−	9.928		-9.878			
T.P.	419.886					
+	0.702		+0.674			
π	420.588	-6.738	-6.736	-6.7370		
−	7.440		-7.410			
T.P.	413.148					
+	4.260		+4.240			
π	417.408	-1.471	-1.471	-1.4710		
−	5.731		-5.711			
T.P.	411.677					
+	2.662		+2.640			
π	414.339	-4.838	-4.835	-4.8365		
−	7.500		-7.475			
T.P.	406.839					

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 IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	406 839					
+	2 438		+ 2.412			
π	409 277	-5.259	- 5.259	-5.2590		
-	7 697		- 7.671			
T.B.M #2	401 580		(14)	401.5905	401.517	T.B.M. #2 F.B. 2863-23
+	10 842		+10.820	(-.0735)		Eastern Ave. & Ent. to Sheriffs Bisquitus
π	412 422	+10.491	+10.490	+10.4905		ctn. Bt. spk in cb. 12" 50.0 of So. end. Drwy
-	0 351		- 0.330			& 9° W. off. PP. #994450E.
T.P	412 071					
+	9 610		+ 9.590			
π	421 681	+ 9.158	+ 9.157	+9.1575		
-	0 452		- 0.433			
T.P.	421 229					
+	10 180		+ 10.166			
π	431 409	+9.796	+ 9.794	+9.7950		
-	0 384		- 0.366			
T.P.	431 025					
+	9 838		+ 9.824			
π	440 863	+9.372	+9.371	+9.3715		
-	0 466		-0.453			
T.P.	440 397					
+	9 418		+ 9.385			
π	449 815	+6.669	+ 6.668	+6.6685		
-	2 749		- 2.717			
BM 61-3	447 066			447.0735	447.012	B.M. 61-3 F.B. 2863-10
				-.0615		Eastern Ave & 1 mi. S/y from E.
						Lotta Dr. L.A. Co. Rd. Dept. Mon.

T(52)

NOTES RED _____ JOB NO. 8084.05 SURVEY OF Bisquitus Centre Subdivn.
DATE _____ SURVEY BY C.K. Lind
NOTES CHKD J.P.K. NOTES BY A.R.B. DATE 9-29-61
DATE 10/3/61 INDEXED H. E. OTT DATE _____

F.B. 2837 PG. 97

SUBIDENCE

Notes Ck'd by	Survey of BISCAILUZ CENTER	F.B. 1937 PG. 95
Map No.	JN 0084.05 Tape Std. °F	
Office Work	Surveyed by C. K. LIND	
Checked	Notes LIND Date 10-31-61	
Date	Indexed [illegible]	

JN 0084.05

BISCAILUZ CENTER SUBSIDENCE

RE-RUN OF LEVELS OVER
CONTROL LINE-"A"

10-31-61

NOTE: CHECKED ALL HORIZONTAL CONTROL
ON THIS DATE, NO MOVEMENT.

LIND
LEGAULT
MYERS
GOODWIN

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

Do not extend notes this side of this line.

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

76309S CE #247 7-59

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 TP2	~~3RD RUN~~ Corr	ADJ. ELEV.	DESCRIPTION
+B.M.#1	488.896				488.896	BM +BM #1 E. City Felwood Dr & N. Rolling Dr. S.W. cor. 78± W. of E. end of conc. cb. (S. side) on the Prod. of W/y side of House #4436 Bt. Spk in lead in So curb Elev = 488.896
+	5.197					
T	494.093					
−	2.808					
		+2.389			+2.387	
+B.M.#2	491.285	✓		-.002	491.283	+BM#2 E. City Felwood & N. Rollins Dr. Bt. Spk in lead in N. So curb 59.4± W. of of East end of cb & on the Prod of the W/y side of the #4431. City Felwood Dr. Elev = 491.283 Per F.B. 2937-86
+	8.740					
T	500.025					
−	1.304					
+P.#1	498.721	✓				
+	10.527					
T	509.248					
−	0.200					
+P.#2	509.048					
+	10.400					
T	519.448					
−	0.671					
T.P.#3	518.777					
+	11.921					
T	530.698					
−	0.336					
T.P.#4	530.362	✓				

NOTES RED _____ JOB NO. 20RA15 SURVEY OF 215th Ave Sub Sidewalk F. B. 2937 PG. 97
DATE _____ SURVEY BY _____
NOTES CHKD. [illegible] NOTES BY [illegible] DATE 10/31/61
DATE 11/7/61 INDEXED [illegible] E. OT. DATE _____

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. 008405 SURVEY OF Bisquillus Control Subdivision
SURVEY BY Lind
NOTES BY 600 Dwin DATE 10-31-61
INDEXED E. OH DATE
NOTES RED DATE
NOTES CHKD DATE 11/7/61

F.B. 2937 PG. 98

B.M.	1ST RUN	DIFF.	2ND RUN TP3	~~3RD RUN~~ Corr.	ADJ. ELEV.	DESCRIPTION
	530.362	✓				
+	11.811					
⊼	542.173					
−	0.254					
T.P. #4	541.919					
+	11.741					
⊼	553.660					
−	0.236					
T.P. #5	553.424					
+	6.747					
⊼	560.171					
−	3.343					
T.P. #6	556.828					
+	5.502					
⊼	562.330					
−	4.372					
T.P. #7	557.958					
+	9.542					
⊼	567.500					
−	3.723					
STA. A-1	563.777	✓	9	-.006	563.771	STA A-1 C.S. Brass Cap Mon
+	5.025					
⊼	568.802					
−	8.246					
STA. A-2	560.556	✓	1	-.006	560.550	STA A-2 C.S. Brass Cap Mon.
+	10.764					
⊼	571.320					
−	2.051					
STA. A-3	569.269	✓	1	-.007	569.262	STA A-3 C.S. Brass Cap Mon.

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 TPs	~~3RD RUN~~ Corr.	ADJ. ELEV.	DESCRIPTION
STA. A-3	569.269	✓				STA. A-3
+	2.083					C.S. BRASS CAP MON.
Σ	571.352					
−	8.331					
STA. A-4	563.021	✓	1	-.007	563.014	STA A-4
+	1.101					C.S. BRASS CAP MON.
Σ	564.122					
−	8.607					
STA. A-5	555.515	✓	1	-.008	555.507	STA A-5
+	2.693					C.S. BRASS CAP MON.
Σ	558.208					
−	6.009					
STA. A-6	552.199	✓	1	-.008	552.191	STA A-6
+	3.721					C.S. B.C. MON.
Σ	555.920					
−	6.431					
STA. A-7	549.489	✓	1	-.008	549.481	STA A-7
+	0.846					C.S. BRASS CAP MON.
Σ	550.335					
−	11.481					
T.P. # 8	538.854					
+	2.992					
Σ	541.846					
−	6.791					
STA. A-8	535.055		2	-.009	535.046	STA A-8
+	1.294					C.S. B.C. MON.
Σ	536.349					
−	11.515					
T.P. # 9	524.834	✓	1			

NOTES RED _____ JOB NO. 0084.05 SURVEY OF BISCAILUZE SUB.
DATE _____ SURVEY BY C.K. LIND
NOTES CHKD. [illegible] NOTES BY GARDWIN DATE 10-31-61
DATE 11/7/61 INDEXED R.E. OTT DATE _____

F.B. 2937 PG. 99

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 TPs	~~3RD RUN~~ Corr.	ADJ. ELEV.	DESCRIPTION					
T.P.#9	524.834	✓									
+	1.009										
⊼	525.843										
−	10.843										
T.P.#10	515.000										
+	2.483										
⊼	517.483										
−	11.487										
T.P.#11	505.996										
+	0.427										
⊼	506.423										
−	5.862										
STA. A-9	500.561	✓	3	-.011	500.550	STA	A-9				
+	0.671					C.S.	B.C.	MON.			
⊼	501.232										
−	11.435										
T.P.#12	489.797										
+	0.814										
⊼	490.611										
−	7.525										
STA. A-10	483.086	✓	2	-.012	483.074	STA.	A-10				
+	0.805					C.S.	B.C.	MON			
⊼	483.891										
−	10.793										
T.P.#13	473.098										
+	3.027										
⊼	476.125										
−	8.894										
STA. A-11	467.231	✓	2	-.013	467.218	STA	A-11				
						C.S.	BRASS CAP MON.				

JOB NO. [illegible] SURVEY OF BISCAILUZE SUB NOTES RED.
SURVEY BY C.K. LIND DATE
NOTES BY GOODWIN DATE 10-31-61 NOTES CHKD [illegible]
INDEXED [illegible] DATE 11/7/61

F. B. [illegible] PG. 100

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 TP2	~~3RD RUN~~ Corr.	ADJ. ELEV.	DESCRIPTION
STA. A-11	467.231 ✓					STA A-11
+	4.000					C.S. B.C. MON.
⊼	471.231					
−	6.076					
STA. A-12	465.155		1	-.013	465.142	STA A-12
+	4.169					C.S. B.C. MON
⊼	469.324					
−	3.843					
T.P. #14	465.481					
+	3.406					
⊼	468.887					
−	1.024					
T.P. #15	467.863					
+	7.100					
⊼	474.963					
−	5.131					
T.P. #16	469.832					
+	4.822					
⊼	474.654					
−	3.798					T.B.M. # 4
T.B.M. #4	470.856		4	-.015	470.841	ELEV = 470.841
+	3.837		Σ=30			PER F.B. 2937-91
⊼	474.693	-0.212			-0.217	
−	4.049					
T.B.M. #3	470.644 ✓				470.624	T.B.M. #3
						EL = 470.624
						PER F.B. 2937-90

NOTES RED. ____ JOB NO. 0084.05 SURVEY OF BISCAILUZ SUB.
DATE ____ SURVEY BY C.K. LIND
NOTES CHKD. [illegible] NOTES BY GOODWIN DATE 10-31-61
DATE 11/7/61 INDEXED H. E. OTT DATE

F.B. 2937 PG. 101

F. B. 2937 PG. 102

JOB NO. 2084 05 SURVEY OF Biscailuz Center Subsidence NOTES RED.

SURVEY BY E. K. Lind DATE

NOTES BY Lind DATE 10-31-61 NOTES CHKD.

INDEXED DATE DATE

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

Do not extend notes this side of this line

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.

Notes Ck'd by	Survey of SUBSIDENCE BISCAILUZ CENTER
Map No.	JN 0084.05 Tape Std °F
Office Work	Surveyed by C.K. LIND
Checked	Notes LIND Date 12-26-61
Date	Indexed H. E. OTT

JAN 2 '62

F. B. 2937 PG. 103

J.N. 0084.05

BISCAILUZ CENTER SUBSIDENCE

RE-RUN OF LEVELS OVER

CONTROL LINE - "A"

12-26-61

NOTE: CHECKED ALL HORIZONTAL CONTROL ON THIS DATE, FOUND NO MOVEMENT.

LIND

WILKS

CARO

GOODWIN

MCKNIGHT

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
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3099 S&E #247 11-58

F. B. 1937 PG 104

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

765420 B & 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 # 1	488.896				488.896	TBM # 1. EL = 488.896
+	10.813					PER FB. 2937 - 86
⊼	499.709					
−	1.749					
T.P.	497.960					
+	10.578					
⊼	508.538					
−	0.215					
T.P.	508.323					
+	10.833					
⊼	519.156					
−	0.415					
T.P.	518.741					
+	11.429					
⊼	530.170					
−	0.684					
T.P.	529.486					
+	11.022					
⊼	540.508					
−	0.200					
T.P.	540.308					
+	10.797					
⊼	551.105					
−	0.355					
T.P.	550.750					
+	9.850					
⊼	560.600					
−	4.253					
T.P.	556.347					

NOTES RED _____ JOB NO. 0084.05 SURVEY OF B.C. SURVEY DIVISION
DATE 12-26-61 SURVEY BY Lind
NOTES CHKD. [illegible] NOTES BY Wilks DATE 12-26-61
DATE 1/2/62 INDEXED H. E. OTT DATE

F.B. 2937 PG. 15

763420 S & E-333 4-64

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. 0084.05 SURVEY OF Bldg. Sub. Drains
SURVEY BY LINO
NOTES BY Wilkins DATE 12-26-61
INDEXED H. F. OTT DATE
NOTES RED
DATE
NOTES CHKD DATE

B.M.	1ST RUN	DIFF.	~~2ND RUN~~ TP3	~~3RD RUN~~ Corr	ADJ. ELEV.	DESCRIPTION
T.P.	556.347					
+	10.341					
⊼	566.688					
-	2.917					
A-1	563.771		8	+.003	563.774	STA A-1 C.S. B.C. MON.
+	3.951					
⊼	567.722					
—	7.172					
A-2	560.550		1	+.004	560.554	STA A-2 C.S. B.C. MON
+	11.440					
⊼	571.990					
—	2.758					
A-3	569.232		1	+.004	569.236	STA A-3 C.S. B.C. MON
+	2.880					
⊼	572.112					
—	9.170					
A-4	562.942		1	+.004	562.946	STA A-4 C.S. B.C. MON
+	2.230					
⊼	565.172					
—	9.725					
A-5	555.447		1	+.005	555.452	STA A-5 C.S. B.C. MON.
+	3.393					
⊼	558.840					
—	6.832					
* A-6	552.008		1	+.005	552.013	STA - A-6 C.S. B.C. MON.
+	2.670					
⊼	554.678					
—	11.370					
T.P.	543.308					

F. B. 2937 Pg. 10.6

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~~ TPs	~~3RD RUN~~ Corr.	ADJ. ELEV.	DESCRIPTION
T.P.	543.308					NOTE: See pg. 109 for STA A-7
+	0.849					
⊼	544.157					
−	9.300					
A-8	534.857		2	+.006	534.863	STA A-8 C.S. B.C. Mon.
+	1.585					
⊼	536.442					
−	11.671					
T.P.	524.771					
+	0.222					
⊼	524.993					
−	11.017					
T.P.	513.976					
+	0.198					
⊼	514.174					
−	10.874					
T.P.	503.300					
+	4.691					
⊼	507.991					
−	7.473					
A-9	500.518		4	+.007	500.525	STA A-9 C.S. B.C. Mon.
+	0.770					
⊼	501.288					
−	10.415					
T.P.	490.873					
+	1.064					
⊼	491.937					
−	8.909					
A-10	483.028		2	+.008	483.036	STA A-10 C.S. B.C. Mon.

NOTES RED _____ JOB NO. 0054.05 SURVEY OF R.C. Subdivide
DATE 12-26-61 SURVEY BY Lind
NOTES CHKD [illegible] NOTES BY Wilks DATE 12-26-61
DATE 1/2/62 INDEXED H. E. OTT DATE

F.B. 2937 PG. 107

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

B.M.	1ST RUN	DIFF.	~~2ND RUN~~ TPs	~~3RD RUN~~ Corr	ADJ. ELEV.	DESCRIPTION
A-10	483.028		2	+.008	483.036	STA A-10
+	1.120					C.S. B.C. MON.
⊼	484.148					
−	10.709					
T.P.	473.439					
+	2.184					
⊼	475.623					
−	8.428					
A-11	467.195		2	+.009	467.204	STA A-11
+	2.269					C.S. B.C. MON
⊼	469.464					
−	4.338					
A-12	465.126		1	+.009	465.135	STA A-12
+	5.210					C.S. BC MON.
⊼	470.336					
−	4.800					
T.P.	465.536					
+	3.129					
⊼	468.665					
−	3.545					
T.P.	465.120					
+	9.853					
⊼	474.973					
−	5.652					
T.P.	469.321					
+	4.882					
⊼	474.203					
−	3.373					
	470.830					TBM #4 - EL= 470.841
TBM #4			4	+.011	470.841	PER FB 2937-91
			Σ= 28			

JOB NO. 0084.05 SURVEY OF B.C. Subdivision NOTES RED
SURVEY BY Lind DATE
NOTES BY Wilks DATE 12-26-61 NOTES CHKD [illegible]
INDEXED H. F. OTT DATE 1/2/62

F.B. 2937 PG. 108

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
*	A-6	552.008				552.013	STA A-6 EL= 552.008 PER
	+	3.773					PG. 106
	⊼	555.781					
	−	6.600					
	A-7	549.181	Mn =	2.8265		549.186	STA A-7
	+	6.779					C.S. 136 MON.
	⊼	555.960					
	−	3.953					
	A-6	552.007					STA A-6 EL= 552.008
							PER PG. 106

NOTES RED _____ JOB NO. 00 44.05 SURVEY OF BL. SUBIDENCE
DATE _____ SURVEY BY C.E. LIND
NOTES CHKD [illegible] NOTES BY LIND DATE 12-26-61
DATE 1/2/61 INDEXED H. E. OTT DATE

F. B 2437 PG. 109

Profile No.	Notes Red	Plotted	Job No. 008405	Division No. 11	F. B. 2937 Pg. 111
	Date	Date	Survey of Biscailuz Center Subsidence		
X-Sec. No.	Notes Chkd.	Checked	Survey by	Notes	Date
	Date	Date	Map No.	Indexed H. E. OTT	Date FEB 1 '62

JN 008405

BISCAILUZ CENTER SUBSIDENCE

RERUN OF LEVELS OVER

CONTROL LINE "A"

1-30-62

Guizado

Smith

Myers

Glidden

Lybrand

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76L-298 S & E #307—1-56

76L-298 S & E #307—1-56

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

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

113

Do not extend notes this side of this line.

F. B. 2937 PG. 112 Job No. 0000.05 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Bassett Water Subdivision Notes ____ Date ____ No. ____ X-Sec. ____
Survey by H. E. Gill Notes Chkd. D. Stan Checked ____ No. ____
Indexed ____ Date ____ Date 7/2/62 Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
Fd TBM #1	7701	496 597		488 896	TBM #1 ELEV = 488.896	FB 2937-86
Fd TBM #2			5315	491 282	TBM #2 ELEV = 491 283	" "
TP	11728	507 638	0687	495 910		
	11333	518 740	0231	507 407		
	11543	529 654	0629	518 111		
	11713	540 843	0524	529 130		
	11218	551 420	0641	540 202		
	8927	559 694	0653	550 767		
TP	10233	566 790	3137	556 557		
Fd sta A-1			2992	563 798	sta A-1	C.E. BM NION
" A-2			6210	560 580	" A-2	"
TP	6082	572 335	0537	566 253		
Fd sta A-3			3094	569 241	sta A-3	"
" A-4	1295	564 226	9404	562 931	" A-4	"
" A-5	0643	556 076	8793	555 433	" A-5	"
" A-6			4132	551 944	" A-6	"
" A-7	3082	552 145	7013	549 063	" A-7	
TP	0748	542 224	10669	541 476		
sta A-8			7425	534 799	" A-8	
TP	0820	531 795	11249	530 975		
"	0630	523 217	9208	522 587		

76L-298 S & E #307—1-56

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		523 217				
TP	0631	512 395	11 453	511 764		
Sta A-9	0777	501 312	11 860	500 535	Sta A-9	CE BM MON
TP	1030	491 861	10481	490831		
Sta A-10	1682	484 719	8824	483 037	" A-10	"
TP	1346	475250	10815	473904		
Sta A-11			8037	467213	" A-11	"
" A12	4765	469 920	10095	465155	" A-12	"
T P	4120	470 345	3695	466225		
TP	5358	475 119	0584	469761		
TBM #3			4448	470 671	TBM #3 ELEV = 470.624	FB 2973 -.047
TBM #4			4240	470879	" #4 " = 470.841	" pg. 91 -.038

ADJUSTED ELEVATIONS

A-1	563.787	A-7	549.046
A-2	560.569	A-8	534.779
A-3	569.228	A-9	500.509
A-4	562.918	A-10	483.008
A-5	555.418	A-11	467.180
A-6	551.927	A-12	465.122

Profile Notes Red ____ Plotted ____ Job No. 0084.05 Division No. 11 F. B. 2937 Pg. 113
No. ____ Date ____ Date ____ Survey of Biscuitus Center Subsidence
X-Sec. Notes Chkd. 2/2/62 Checked ____ Survey by ACG Notes ACG Date 1-30-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date FEB 1 '62

NOTES RED _____ JOB NO. 0084.05 SURVEY OF BISCAILUZ CENTER SUBSIDENCE

DATE _____ SURVEY BY LWD

NOTES CHKD _____ NOTES BY H. E. OTT DATE 2-28-62

DATE _____ INDEXED _____ DATE MAR 6 '62

F. B. 2937 PG. 115

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 0084.05						
BISCAILUZ CENTER SUBSIDENCE						
RE-RUN OF LEVELS OVER						
CONTROL LINE "A"						
		2-28-62				
					WILLIS	
					LE GAULT	
					CARO	
					GOODWIN	
					MCKNIGHT	

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.

768420 S & E-353 4-54

76S420 353 3-51

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M. #1	488.896					T.B.M. #1 ELEV. = 488.896 F.B. 2937-86
+	6.300					
⊼	495.196					
−	3.912					
T.B.M. #2	491.284					T.B.M. #2 ELEV. = 491.283 F.B. 2937-86
+	9.402					
⊼	500.686					
−	0.252					
T.P.	500.434					
+	10.623					
⊼	511.057					
−	0.413					
T.P.	510.644					
+	11.259					
⊼	521.903					
−	0.351					
T.P.	521.552					
+	10.880					
⊼	532.432					
−	0.316					
T.P.	532.116					
+	11.350					
⊼	543.466					
−	0.241					
T.P.	543.225					
+	10.900					
⊼	554.125					
−	0.351					
T.P.	553.774					

NOTES RED. _____ JOB NO. 0084.05 SURVEY OF SUBSIDENCE BISCAILUZ CTR.
DATE _____ SURVEY BY C.K. LIND
NOTES CHKD. DE NOTES BY J.C. GOODWIN DATE 2-28-62
DATE 3/7/62 INDEXED H. E. OTT DATE

F.B. 2937 PG. 112

76S420 353 3-51

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	553.774 ✓					
+	7.059					
⊼	560.833					
−	3.880					
T.P.	556.953 ✓					
+	10.108					
⊼	567.061					
−	3.268					
A-1	563.793 ✓					BUTTON CAP MON.
+	3.890					
⊼	567.683					
−	7.106					
A-2	560.577 ✓					
+	10.438					BUTTON CAP MON.
⊼	571.015					
−	0.667					
T.P.	570.348					
+	5.503					
⊼	575.851					
−	6.683					
A-3	569.168 ✓					BUTTON CAP MON.
+	3.491					
⊼	572.659					
−	9.808					
A-4	562.851 ✓					BUTTON CAP MON.
+	2.057					
⊼	564.908					
−	9.563					
A-5	555.345 ✓					BUTTON CAP MON.

JOB NO. 2084.05 SURVEY OF BISCAILUZ CTR. SUB. NOTES RED.
SURVEY BY C. K. LIND DATE
NOTES BY J. C. GOODWIN DATE 2-28-62 NOTES CHKD. [illegible]
INDEXED H. F. OTT DATE DATE 3/7/62

F. B. 2937 PG. 118

76S420 353 3-51

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
A-5	555.345					BUTTON CAP MON.
+	3.114					
⊼	558.459					
−	6.651					
A-6	551.808					BUTTON CAP MON.
+	4.183					
⊼	555.991					
−	7.104					
A-7	548.887					BUTTON CAP MON.
+	2.476					
⊼	551.363					
−	11.843					
T.P.	539.520					
+	2.079					
⊼	541.599					
−	6.891					
A-8	534.708					BUTTON CAP MON.
+	3.486					
⊼	538.194					
−	11.638					
T.P.	526.556					
+	0.377					
⊼	526.933					
−	11.697					
T.P.	515.236					
+	0.342					
⊼	515.578					
−	9.843					
T.P.	505.735					

NOTES RED. _____ JOB NO. 0084.05 SURVEY OF BASCAILUZ CENTER SUBSIDENCE
DATE _____ SURVEY BY C.K. LIND
NOTES CHKD. [illegible] NOTES BY J.C. GOODWIN DATE 2-28-62
DATE [illegible] INDEXED H.E. CT DATE

F.B. 2937 PG. 119

F.B. 2937 PG. 120

JOB NO. 0084.05 SURVEY OF BASCAILUZ CTR. SUB. NOTES RED.
SURVEY BY C.K. LIND DATE
NOTES BY J.C. GOODWIN DATE 2-28-62 NOTES CHKD. [illegible]
INDEXED H. E. OTT DATE DATE 3/7/62

765420 353 3-51

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	505.735					
+	3.460					
⊼	509.195					
−	8.719					
A-9	500.476					BUTTON CAP MON.
+	0.652					
⊼	501.128					
−	11.599					
T.P.	489.529					
+	2.174					
⊼	491.703					
−	8.735					
A-10	482.968					BUTTON CAP MON.
+	0.697					
⊼	483.665					
−	11.523					
T.P.	472.142					
+	4.933					
⊼	477.075					
−	9.917					
A-11	467.158					BUTTON CAP MON.
+	1.726					
⊼	468.884					
−	3.765					
A-12	465.119					BUTTON CAP MON.
+	5.278					
⊼	470.397					
−	5.882					
T.P.	464.515					

NOTES RED. _____ JOB NO. 008405 SURVEY OF BASCAILUZ CENTER SUBSIDENCE

DATE _____ SURVEY BY C. K. LIND

NOTES CHKD. [illegible] NOTES BY J. C. GOODWIN DATE 2-28-62

DATE 3/7/62 INDEXED H. E. OTT DATE _____

F.B. 2937 PG. 121

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	464.515 ✓					
+	7.675					
⊼	472.190					
−	2.146					
T.P.	470.044					
+	5.523					
⊼	475.567					
−	4.727					
T.B.M. #4	470.840 ✓					(LST. IN STAR) END OF LINE. F.B. 2937-91 Elev = 470.841
+	4.727					
⊼	475.567					
−	4.942					
T.B.M. #3	470.625 ✓					SPK. & WASHER IN WALK. (IN FRONT OF ADMIN. BLDG.) F.B. 2937-90 Elev = 470.624

76S420 353 3-51

Profile No.	Notes Red	Plotted	Job No. 0084.05	Division No. 11	F.B. 2937	PG. 123
	Date	Date	Survey of Biscailuz Center Subsidence			
X-Sec. No.	Notes Chkd.	Checked	Survey by ACG / Notes ACG	Date 4-3-62		
	Date	Date	Map No.	Indexed H. E. OTT	Date APR 5 '62	

J.N. 0084.05

BISCAILUZ CENTER

SUBSIDENCE

APRIL 3, 1962

O GUIZADO

T MYERS

HC GLIDDEN

RC WORKMAN

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76L-298 CE 307 11-58

76L-298 CE 307 11-58

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.

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Chkd. Date
Division No. 11 Job No. 0084 05
Survey of Biscoiba Center Subsidence
Survey by ACG Notes ACG
Indexed H. E. Ott
F. B. 2937 PG. 124

Elev = 2628.0

STATION	B. S.	H. I.	F. S.	ELEV	Corr.			Adj. Elev.
TBM #1	9340	498 236		488 896	TBM #1 pg 86			ELEV = 488.896
TBM #2			6953	491 283	" #2 pg 86			" = 491.283
TP	10439	507 340	1335	496 901				
TP	10444	517 409	0375	506 965				
TP	9768	526 360	0817	516 592				
TP	10210	536 061	0509	525851				
TP	10227	545 449	0839	535222				
TP	10234	554 941	0742	544707				
TP	7172	561 383	0730	554 211				
TP	7987	567 166	2204	559179				
STA A-1			3366	563800	STA A-1	9	+.003	C.E. BM 563.808 MON
" A-2			6576	560590	" A-2	6	+.003	" 560.593
TP	6796	572 563	1399	565767				
STA A-3			3408	569155	" A-3	2	+.004	" 569.159
" A-4	1800	564 623	9740	562823	" A-4	1	+.004	" 562.8278
" A-5	1021	556 336	9308	555315	" A-5	1	+.005	" 555.3120
" A-6			4622	551714	" A-6	0	+.005	" 551.719
" A-7			7529	548807	" A-7	0	+.005	" 548.812
TP	0413	545 270	11479	544857				
STA A-8	1004	535 552	10722	534548	" A-8	2	+.006	" 534.554
TP	0718	525 032	11238	524314				

11-58

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	Corr.	Adj. Elev.
		525 032				
TP	1233	517 016	9249	515 783		
TP	0392	507020	10388	506 628		
sta A-9			6675	500345	Sta A-9 4. +.007	CEBM MON. 500.352
TP	0177	495935	11 262	495 758		
TP	0469	484 913	11491	484444		
sta A-10			1989	482924	" A-10 3. +.008	" 482.932
TP	2844	476482	11275	473638		
TH A-11			9354	467128	" A-11 2 +.009	" 467.137
" A-12	5324	470 423	11383	465099	" A-12 0 +.009	" 465.108
TP	7423	472 692	5154	465269		
TBM #3	4515	475 129	2078	470614	TBM #3 pg 91 +.010	ELEV = 470 624
" #4			4301	470828	" #4 pg 91 +.013	" = 470 841

Profile Notes Red ____ Plotted ____ Job No. 008405 Division No. 1 F.B. 2937 PG. 125
No. ____ Date ____ Date ____ Survey of Biscailuz Center Subsidiaire
X-Sec. Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 4-3-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

NOTES RED _____ JOB NO 0084.05 SURVEY OF Biscailuz Ctr. Subsid. | F. B. 2937 PG. 127

DATE _____ SURVEY BY A. C. Guizado

NOTES CHKD. [illegible] NOTES BY H. E. OTT DATE 5-4-62

DATE 5/9/62 INDEXED _____ DATE MAY 8 1962

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

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

Do not extend notes this side of this line

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
JOB NO 0084.05						
BISCAILUZ CENTER SUBSIDENCE						
RE RUN OF LEVELS OVER						
CONTROL LINE "A"						
5-4-62						
			Guizado			
			Smith			
			MYERS			
			GLIDDEN			
			WORKMAN			

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

JOB NO. 008405 SURVEY OF BISCAILUZ CTR. SUB. NOTES RED DATE
SURVEY BY A.C. GUIZADO NOTES CHKD. DATE
NOTES BY K. MYERS DATE MAY 4, 1962
INDEXED H. E. OTT DATE

F.B. 2997 PG. 128

B.M.	1ST RUN	DIFF.	~~2ND RUN~~	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM#1	488.896				488.896	TBM#1 ELEV=488.896 pg 86
+	9.520					
π	498.416	2.387				(2.387)
−	7.139					
TBM#2	491.277	(1)	-.002		491.275	TBM#2 ELEV=491.283 pg 86
+	7.168					
π	498.445					
−	1.421					
TP.	497.024					
+	9.196					
π	506.220					
−	1.886					
TP	504.334					
+	9.988					
π	514.322					
−	1.120					
TP	513.202					
+	10.232					
π	523.434					
−	0.771					
TP.	522.663					
+	9.969					
π	532.632					
−	1.047					
TP.	531.585					
+	10.699					
π	542.284					
−	0.651					
TP	541.633					

76S420 353 3-51

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	541.633	✓				
+	10.251					
T	551.884					
−	0.672					
TP	551.212					
+	8.512					
T	559.724					
−	3.882					
TP	555.842					
+	7.060					
T	562.902					
−	4.263					
TP	558.639					
+	10.585					
T	569.224					
−	5.414					
A-1	563.810	✓(10)	−.025		563.785	C.E. MON.
+	5.520					
T	569.330					
−	8.718					
A-2	560.612	✓(1)	−.027		560.585	CE. MON.
+	10.138					
T	570.750					
−	0.755					
TP	569.995					
+	2.945					
T	572.940					
−	3.772					
A-3	569.168	✓(2)	−.031		569.137	C.E. MON.

NOTES RED. _____ JOB NO. 2084.05 SURVEY OF Bicarbo Ctr. Subsid
DATE _____ SURVEY BY A.C. Guizado
NOTES CHKD. [illegible] NOTES BY K. MYERS DATE 5-4-62
DATE 5/9/62 INDEXED H. E. OTT DATE MAY 8 '62

F.B. 2937 PG. 129

JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR. SUBSID NOTES RED.
SURVEY BY A.C. GUIZADO DATE
NOTES BY K. MYERS DATE MAY 4, 1962 NOTES CHKD. [illegible]
INDEXED H. E. OTT DATE 5/9/62

F.B. 2937 PG. 130

76S420 353 3-51

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. 14	~~2ND RUN~~ Corr	3RD RUN	ADJ. ELEV.	DESCRIPTION
A-3	569.168 ✓		-.031		569.137 ✓	C.E. MON.
+	3.770					
⊼	572.938					
−	7.448					
TP	565.490					
+	1.518					
⊼	567.008					
−	4.195					
A-4	562.813 ✓	(2)	-.036		562.777 ✓	C.E. MON.
+	3.943					
⊼	566.756					
−	8.623					
TP.	558.133 ✓					
+	3.022					
⊼	561.155					
−	5.848					
A-5	555.307 ✓	(2)	-.040		555.267 ✓	C.E. MON.
+	5.715					
⊼	561.022					
−	9.444					
A-6	551.578 ✓	(1)	-.042		551.536 ✓	C.E. MON.
+	5.635					
⊼	557.213					
−	8.574					
A-7	548.639 ✓	(1)	-.045		548.594 ✓	C.E. MON.
+	2.055					
⊼	550.694					
−	10.390					
TP	540.304 ✓					

76S420 353 3-51

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~~ Corr	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	540.304					
+	0.367					
⊼	540.671					
−	6.438					
A-8	534.233	(2)	-.049		534.184	C.E. MON.
+	1.374					
⊼	535.607					
−	10.524					
T.P.	525.083					
+	1.327					
⊼	526.410					
−	11.554					
T.P.	514.856					
+	2.712					
⊼	517.568					
−	11.242					
T.P.	506.326					
+	1.755					
⊼	508.081					
−	7.755					
A-9	500.326	(4)	-.058		500.268	C.E. MON.
+	1.040					
⊼	501.366					
−	10.574					
T.P.	490.792					
+	2.808					
⊼	493.600					
−	10.621					
A-10	482.979	(2)	-.062		482.917	C.E. MON.

NOTES RED. _____ JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR SUBSID
DATE _____ SURVEY BY A.C. GUIZADO
NOTES CHKD. [illegible] NOTES BY K. MYERS DATE MAY 4, 1962
DATE 5/9/62 INDEXED H. E. OTT DATE

F.B. 2937 PG. 131

769420 353 3-51

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 0084.05 SURVEY OF BISCAILUZ CTR. SUB. NOTES RED. DATE
SURVEY BY A.C. GUIZADO NOTES CHKD. DATE 5/9/62
NOTES BY K. MYERS DATE MAY 4, 1961 DATE
INDEXED H. E. OTT DATE

F.B. 2937 PG. 132

B.M.	1ST RUN	DIFF.	~~2ND RUN~~ Corr.	3RD RUN	ADJ. ELEV.	DESCRIPTION
A-10	482.979	✓	-.062		482.917	C.E. MON.
+	2.499					
Σ	485.478					
-	9.162					
TP	476.316					
+	0.959					
Σ	477.275					
-	10.062					
A-11	467.213	✓ (2)	-.067		467.146	C.E. MON.
+	3.924					
Σ	471.137					
-	5.952					
A-12	465.185	✓ (1)	-.069		465.116	C.E. MON.
+	5.732					
Σ	470.917					
-	5.410					
TP.	465.507					
+	4.683					
Σ	470.190					
-	2.722					
TP	467.468					
+	7.334					
Σ	474.802					
-	4.096					
TBM #3	470.706	✓ (3)	-.076		470.630	T.B.M. #3 SPK. IN WALK P.G 90
+	4.551					470.624
Σ	475.257	(d.4. 213)				(.217)
-	4.338					
TBM #4	470.919	✓ (1)	-.078		470.841	T.B.M #4 L&T IN STAR PG 91
		Σ = 35				470.841

NOTES RED _____ JOB NO. 00 84.05 SURVEY OF Biscailuz Ctr Sub. F. B. 2937 PG. 133

DATE _____ SURVEY BY E.R. LIND

NOTES CHKD. _____ NOTES BY LIND DATE 6-11-62

DATE _____ INDEXED H. E. OTT DATE JUN 2 2 '62

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 00 84.05						
Biscailuz Center Sub Sidence						
Re Run of Levels over						
Control Line "A"						
		6-11-62				
			Lind			
			Myers			
			Huckaby			
			Valdez			
			Rodriguez			

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.

769420 S & E-353 4-54

F. B. 2937 PG. 134

JOB NO. 0084.05 SURVEY OF Bis. Ctr. Subs. [illegible] NOTES RED.

SURVEY BY C. L. Lind DATE

NOTES BY Lind DATE 6-11-62 NOTES CHKD [illegible]

INDEXED H. F. OTT DATE DATE 6/25/62

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

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ Mn	~~ADJ. ELEV.~~ TB	Cor	Adj. Elev.	DESCRIPTION
T.B.M. #1	488896	✓		488.896	0	0	488.896	Elev 488.896 P 86
+	11650		11575					
π	500546	+11377	+11374	+11.376				
-	0273		0201					
T.P.	500273			500.272				
+	11035		11179					
π	511308	+10685	+10686	+10.686				
-	0350		0493					
T.P.	510958			510.958				
+	11835		11690					
π	522793	+11394	+11393	+11.394				
-	0441		0297					
T.P.	522352			522.352				
+	11240		11238					
π	533592	+10842	+10843	+10.842				
-	0398		0395					
T.P.	533194			533.194				
+	11579		11502					
π	544773	+11119	+11117	+11.118				
-	0460		0385					
T.P.	544313			544.312				
+	11988		11813					
π	556301	+11380	+11381	+11.380				
-	0608		0432					
T.P.	555693			555.692				
+	6089		6264					
π	561782	+2849	+2852	+2.850				
-	3240		3412					
T.P.	558542			558.542				

769420 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. 0054.05 SURVEY OF Big Ch. Sub. Div.
DATE _____ SURVEY BY C.W. Lind
NOTES CHKD. RKT NOTES BY C.W. Lind DATE 6-11-62
DATE 6/25/62 INDEXED H.F. Ott DATE _____

F.B. 7937 PG. 131

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ Min	TB	~~ADJ. ELEV.~~ Corr	Adj. Elev	DESCRIPTION
T.P.	558542			558.542				
+	9975		10207					
π	568517	+5261	+5262	+5.262				
-	4714		4745					
STA A-1	563803			563.804	B	+.005	563.809	
+	4745		4623					
π	568548	-3188	-3189	-3.188				
-	7933		7812					
STA A-2	560615			560.616	1	+.005	560.621	
+	11475		11602					
π	572090	+8536	+8536	+8.536				
-	2939		3066					
STA A-3	569151			569.152	1	+.006	569.158	
+	3265		2732					
π	572416	-6385	-6390	-6.388				
-	9650		9122					
STA A-4	562766			562.764	1	+.007	562.771	
+	1591		1655					
π	564357	-7506	-7505	-7.506				
-	9097		9160					
STA A-5	555260			555.258	1	+.007	555.265	
+	3323		3171					
π	558583	-3857	-3857	-3.857				
-	7180		7028					
STA A-6	551403			551.401	1	+.008	551.409	
+	4690		5047					
π	556093	-2937	-2937	-2.937				
-	7627		7984					
STA A-7	548466			548.464	1	+.008	548.472	

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~~ Mn	~~ADJ. ELEV.~~ 14 TPS	Cor	Adj. Elev.	DESCRIPTION
Sta A-7	548 466			548.464	(14)	+.008	548.472	
+	2248		2433					
π	550714	-8.497	-8.496	-8.496				
-	10745		10934					
T.P.	539969			539.968				
+	0900		0935					
π	540869	-5932	-5933	-5.932				
-	6832		6868					
Sta A-8	534037			534.036	2	+.010	534.046	
+	2252		2185					
π	536289	-8869	-8865	-8.867				
-	11121		11050					
T.P.	525168			525.169				
+	0934		0818					
π	526102	-10517	-10517	-10.517				
-	11451		11335					
T.P.	514651			514.652				
+	0351		0297					
π	515002	-10461	-10.458	-10.460				
-	10812		10755					
T.P.	504190			504.192				
+	1155		1303					
π	505345	-4005	-4003	-4.004				
-	5160		5306					
Sta A 9	500185			500.188	4	+.012	500.200	
+	3535		3631					
π	503720	-7254	-7254	-7.254				
-	10789		10885					
T.P.	492931			492.934				

Sub-Total (14)

JOB NO. 0084.05 SURVEY OF Bis Ctr. Sub. NOTES RED
SURVEY BY C. K. Lind DATE
NOTES BY Lind DATE 6-11-62 NOTES CHKD. [illegible]
INDEXED H. E. OTT DATE 6/25/62

F. B. 2937 Pg. 136

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~~ Mn	~~ADJ. ELEV.~~ TB	Corr	Adj. Elev	DESCRIPTION
T.P.	492931			424.934	(20)			
+	1465		1483					
π	494396	-10.064	-10.065	-10.064				
-	11529		11548					
Stg. A-10	482867			482.870	2	+.013	482.883	
+	1170		1217	1608				
π	484037	-10180	-10171R	-10181	Mn = -10.180			
-	11350		11388	11789				
T.P.	472687			472.690				
+	3148		3070					
π	475835	-5569	-5570	-5.570				
-	8717		8640					
Stg-A-11	467118			467.120	2	+.015	467.135	
+	4635		4595					
π	471753	-2030	-2032	-2.031				
-	6665		6627					
Stg A-12	465088			465.089	1	+.015	465.104	
+	4232		4021					
π	469320	-0.328	-0.327	-0.328				
-	4560		4348					
T.P.	464760			464.761				
+	8810		8710					
π	473570	+5052 ~~-4948~~	+5050 ~~-4950~~	+5.051				
-	3758		3660					
T.P.	469812			469.812				
+	5330		5299					
π	475142	+1010	+1014	+1.012				
-	4320		4285					
TBM # 4	470822			470.824	3	+.017	470.841 TBM #4	EL= 470.841
				28				FB 2937-91

NOTES RED _____ JOB NO. 0084.05 SURVEY OF Big Ctn. Sub.
DATE _____ SURVEY BY C.K. Lind
NOTES CHKD. [illegible] NOTES BY Lind DATE 6-11-66
DATE 6/27/66 INDEXED H. E. OTT DATE

F.B. 2937 PG. 137

NOTES RED _____ JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR. SUB

DATE _____ SURVEY BY K. LIND

NOTES CHKD. [illegible] NOTES BY K. MYERS DATE 7-11-62

DATE 7/16/62 INDEXED H. E. OTT DATE JUL 13 '62

F. BZ937 PG. 139

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N.- 0084.05						
BISCAILUZ CENTER SUBSIDENCE						
RE-RUN OF LEVELS OVER CONTROL LINE "A"						
7-11-62			LIND, K MYERS, K HUCKABY, V VALDEZ, G			

Do not extend notes this side of this line

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

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

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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN Mn.	~~ADJ. ELEV.~~ π Corr.	DESCRIPTION Adj. Elev.
B.M 61-4	443.730			443.730	0	EASTERN AVE. & ROGERS ST. & INTER-
+	9.021		+ 8.880			SECTION, L.A. CO. RD. DEPT. MON.
π	452.751	+ 8.331	+ 8.330	+ 8.3305		ELEV. = 443.730 F.B. 2863-11
-	0.690		- 0.550			
T.P.	452.061					
+	7.153		+ 7.016			
π	459.214	+ 3.110	+ 3.110	+ 3.1100		
-	4.043		- 3.906			
T.P.	455.171					
+	5.083		+ 4.915			
π	460.254	+ 0.361	+ 0.363	+ 0.3620		
-	4.722		- 4.552			
TBM #5	455.532			455.532 (3)	0	TBM #5 ELEV = 455.539 PER -
+	8.261		+ 8.344			F.B. 2937-85 455.532
π	463.793	+ 7.795	+ 7.794	+ 7.7945		
-	0.466		- 0.550			
T.P.	463.327					
+	9.924		+ 10.000			
π	473.251	+ 9.619	+ 9.618	+ 9.6185		
-	0.305		- 0.382			
T.P.	472.946					
+	9.298		+ 9.440			
π	482.244	+ 8.799	+ 8.800	+ 8.7995		
-	0.499		- 0.640			
T.P.	481.745					
+	8.850		+ 8.630			
π	490.595	+ 7.150	+ 7.150	+ 7.1500		
-	1.700		- 1.480			
TBM #1	488.895			488.895 (4)	+.001 0	TBM #1 ELEV. = 488.896 PER
						F.B. 2973-86 488.895

JOB NO. 0084-05 SURVEY OF BISCAILUZ CTR. SUB. NOTES RED
SURVEY BY K. LIND DATE
NOTES BY K. MYERS DATE 7-11-62 NOTES CHKD 7/14/62
INDEXED H. E. OTT DATE DATE

F.B. 2937 Pg. 140

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~~ Mn	~~ADJ. ELEV.~~ K Corr.	DESCRIPTION Adj. Elev.
T.B.M. # 1	488.895			488.895		
+	7.470		+7.625			
Σ	496.365	+2.385	+ 2.382	+2.3835		
-	5.085		- 5.243			
T.B.M. #2	491.280			491.278	(1) +.001 R	T.B.M. #2 ELEV = 491.283 PER. FB. 2937-86 491.278
+	8.763		+ 8.900			
Σ	500.043	+ 8.040	+ 8.040	+8.0400		
-	0.723		- 0.860			
T.P.	499.320					
+	10.355		+ 10.095			
Σ	509.675	+ 9.571	+ 9.570	+9.5705		
-	0.784		- 0.525			
T.P.	508.891					
+	10.950		+ 10.689			
Σ	519.841	+10.220	+ 10.224	+10.2220		
-	0.730		- 0.465			
T.P.	519.111					
+	10.965		+ 10.742			
Σ	530.076	+10.270	+ 10.269	+10.2695		
-	0.695		- 0.473			
T.P.	529.381					
+	11.386		+ 11.460			
Σ	540.767	+ 11.176	+ 11.179	+11.1775		
-	0.210		- 0.281			
T.P.	540.557					
+	11.427		+ 11.532			
Σ	551.984	+11.065	+ 11.063	+11.0640		
-	0.362		- 0.469			
T.P.	551.622					

NOTES RED _____ JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR. SUB.
DATE _____ SURVEY BY K. LIND
NOTES CHKD. ~~[illegible]~~ NOTES BY K. MYERS DATE 7-11-62
DATE 7/16/62 INDEXED H. F. OH DATE _____ DATE _____

F. B2937 PG. 141

JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR. SUB NOTES RED
SURVEY BY K. LIND DATE
NOTES BY K. MYERS DATE 7-11-62 NOTES CHKD [illegible]
INDEXED H. E. OTT DATE DATE 7/16/62

F.B. 2937 Pg. 142

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

B.M.		1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ Mn.	~~ADJ. ELEV.~~ * Corr.	DESCRIPTION			Adj. Elev.	
T.P.		551.622									
	+	8.123		+ 8.224							
	⊼	559.745	+ 4.780	+ 4.780	+4.7800						
	-	3.343		- 3.444							
T.P.		556.402									
	+	6.210		+ 6.341							
	⊼	562.612	+ 1.893	+ 1.891	+1.8920						
	-	4.317		- 4.450							
T.P.		558.295									
	+	8.230		+ 8.050							
	⊼	566.525	+ 5.500	+ 5.500	+5.5000						
	-	2.730		- 2.550							
A-1		563.795			563.794	(9) +.002	A-1	C.E. MON.		563.79~~4~~6	
	+	2.586		+ 2.380							
	⊼	566.381	- 3.187	- 3.184	-3.1855						
	-	5.773		- 5.564							
A-2		560.608			560.608	(1) +.002	A-2	C.E. MON.		560.60~~8~~10	
	+	11.477		+ 11.281							
	⊼	572.085	+ 10.186	+ 10.186	+10.1860						
	-	1.291		- 1.095							
T.P.		570.794									
	+	4.920		+ 4.748							
	⊼	575.714	- 1.660	- 1.661	-1.6605						
	-	6.580		- 6.409							
A-3		569.134			569.134	(2) +.003	A-3	C.E. MON.		569.13~~5~~7	
	+	3.574		+ 3.720							
	⊼	572.708	- 6.410	- 6.407	-6.4085						
	-	9.984		- 10.127							
A-4		562.724			562.726	(1) +.003	A-4	C.E. MON.		562.72~~7~~9	

13

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

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ Mn.	~~ADJ. ELEV.~~ Corr.	DESCRIPTION	Adj. Elev.
A-4	562.724			562.726	+.00	A-4 C.E. MON. =	562.72
+	2.340		+ 2.500				
	565.064	- 7.500	- 7.500	- 7.5000			
-	9.840		- 10.000				
A-5	555.224			555.226	(1) +.00	A-5 C.E. MON. =	555.22
+	5.290		+ 5.065				
π	560.514	- 3.920	- 3.923	- 3.9215			
-	9.210		- 8.988				
A-6	551.304			551.304	(1) +.00	A-6 C.E. MON. =	551.30
+	8.410		+ 8.220				
π	559.714	- 2.933	- 2.931	- 2.9320			
-	11.343		- 11.151				
A-7	548.371			548.372	(1) +.00	A-7 C.E. MON. =	548.37
+	2.212		+ 2.110				
π	550.583	- 8.946	- 8.946	- 8.9460			
-	11.158		- 11.056				
T.P.	539.425						
+	1.323		+ 1.105				
π	540.748	- 5.485	- 5.485	- 5.4850			
-	6.808		- 6.590				
A-8	533.940			533.941	(2) +.00	A-8 C.E. MON. =	533.94
+	2.290		+ 2.187				
π	536.230	- 8.340	- 8.340	- 8.3400			
-	10.630		- 10.527				
T.P.	525.600						
+	0.326		+ 0.240				
π	525.926	- 11.294	- 11.294	- 11.2940			
-	11.620		- 11.534				
T.P.	514.306						

NOTES RED _____ JOB NO 0084.05 SURVEY OF BISCAILUZ CTR. SUB
DATE _____ SURVEY BY K. LIND
NOTES CHKD K.M. NOTES BY K. MYERS DATE 7-11-62
DATE 7/16/62 INDEXED H. E. OTT DATE

F.B. 2931 PG. 143

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 0089.05 SURVEY OF BISCAILUZ CTR. SUB
SURVEY BY K. LIND
NOTES BY K. MYERS DATE 7-11-62
INDEXED H. F. OTT DATE
NOTES RED DATE
NOTES CHKD DATE 7/16/62

F.B. 2937 Pg. 144

B.M.		1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ Mo.	~~ADJ. ELEV.~~ Cor.	DESCRIPTION			Adj. Elev.
T.P.		514.306								
	+	0.326		+ 0.542						
	Σ	514.632	-10.535	-10.534	-10.5345					
	-	10.861		-11.076						
T.P.		503.771								
	+	3.655		+ 3.967						
	Σ	507.426	-3.619	-3.618	-3.6185					
	-	7.274		-7.585						
A-9		500.152			500.154	(4) +.00x 4	A-9	C.E. MON. =		500.15x 8
	+	1.978		+ 1.590						
	Σ	502.130	-8.672	-8.674	-8.6730					
	-	10.650		-10.264						
T.P.		491.480								
	+	1.000		+ 0.950						
	Σ	492.480	-8.630	-8.633	-8.6315					
	-	9.630		-9.583						
A-10		482.850			482.850	(2) +.00x 4	A-10	C.E. MON =		482.85x 4
	+	0.673		+ 0.863						
	Σ	483.523	-9.207	-9.204	-9.2055					
	-	9.880		-10.067						
T.P.		473.643								
	+	2.145		+ 2.324						
	Σ	475.788	-6.530	-6.531	-6.5305					
	-	8.675		-8.855						
A-11		467.113			467.114	(2) +.00x 4	A-11	C.E. MON =		467.11x 8
	+	4.180		+ 4.566						
	Σ	471.293	-2.030	-2.032	-2.0310					
	-	6.210		-6.598						
A-12		465.083			465.082	(1) +.00x 4	A-12	C.E. MON. =		465.08x 6

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~~ Mn.	~~ADJ. ELEV.~~ Corr.	DESCRIPTION	Adj. Elev.
A-12	465.083			465.082	+.001	A-12 C.E. MON	= 465.083
+	4.979		+ 4.660				
Σ	470.062	+ 0.658	+ 0.654	+ 0.6560			
-	4.321		- 4.006				
T.P.	465.741						
+	4.106		+ 4.225				
Σ	469.847	+ 0.986	+ 0.985	+ 0.9855			
-	3.120		- 3.240				
T.P.	466.727						
+	7.715		+ 7.704				
Σ	474.442	+ 3.899	+ 3.899	+ 3.8990			
-	3.816		- 3.805				
T.B.M. #3	470.626			470.623 (3)	+.00~~8~~ 5	T.B.M. #3 ELEV. = 470.628	PER -
+	4.234		+ 4.320			F.B. 2937-90	
Σ	474.860	+ 0.214	+ 0.213	+ 0.2135 (Total = 38)			
-	4.020		- 4.107				
T.B.M. #4	470.840			470.836	+.005	T.B.M. #4 ELEV = 470.841	PER -
				Total 39		FB 2937-91	

NOTES RED _____ JOB NO. 2088.05 SURVEY OF BISCAILUZ CTR. SUB.
DATE _____ SURVEY BY K. LIND
NOTES CHKD. [illegible] NOTES BY K. MYERS DATE 7-11-62
DATE 7/16/62 INDEXED H. E. OTT DATE _____

F.B. 2937 Pg. 145

NOTES RED. _____ JOB NO. UN 0084.05 SURVEY OF Bis-Cor. Subsidence

F.B. 2437 PG. 147

DATE _____ SURVEY BY LIND

NOTES CHKD. [illegible] NOTES BY LIND DATE 8-21-62

DATE 8/22/62 INDEXED C. J. GALLI DATE AUG 21 '62

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.

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
UN 0084.05						
BISCAILUZ CENTER						
SUBSIDENCE						
RE-RUN OF LEVELS OVER						
CONTROL LINE "A"						
			8-21-62			
			LIND			
			VALDEZ			
			RODRIGUEZ R.U.			
			RODRIGUEZ R.R.			

765420 353 3-51

76S420 353 3-51

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.

470.221
#3 470.124

Do not extend notes this side of this line

B.M.	1ST RUN	~~DIFF.~~	~~2ND RUN~~ CORR	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM #1	488.896				488.896	TBM #1 EC= 488.896 per
+	7.507					F.B. 2937-36
π	496403					
-	5126					
TBM #2	491277		+.001		491.278	TBM #2
+	9838					
π	501115					
-	0429					
TP	500686					
+	11149					
π	511835					
-	0301					
TP	511534					
+	12009					
π	523543					
-	0251					
TP	523292					
+	11940					
π	535232					
-	0391					
TP	534841					
+	11168					
π	546009					
-	0329					
TP	545680					
+	10593					
π	556273					
-	0452					
TP	555821					

JOB NO. 0084.05 SURVEY OF Bas. Ctr. Subsidence NOTES RED.
SURVEY BY C.K. LIND DATE
NOTES BY LIND DATE 8-20-62 NOTES CHKD. [illegible] DATE 7/23/62
INDEXED C. J. GALLI DATE

F.B. 2937 PG. 148

76S420 353 3-51

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~~ CORR.	3RD RUN	ADJ. ELEV.	DESCRIPTION					
T.P.	555 821										
+	6 589										
π	562410										
-	3063										
T.P.	559347										
+	6621										
π	565968										
-	2173										
STA A-1	563795	8	+.005		563.800	STA	A-1	C.E. MON			
+	2151										
π	565946										
-	5328										
STA A-2	560619	1	+.006		560.624	CE.	MON.				
+	11959										
π	572577										
-	3448					CE.	MON				
STA A-3	569129	1	+.006		569.135						
+	3007										
π	572136										
-	9440										
STA A-4	562696	1	+.007		562.703	CE.	MON.				
+	2176										
π	564872										
-	9669										
STA A-5	555203	1	+.008		555.211	CE	MON.				
+	3742										
π	558945										
-	7743										
STA A-6	551202	1	+.008		551.210	CE	MON				

NOTES RED. _____ JOB NO. 0084.05 SURVEY OF Bis Ctr Subsidence
DATE _____ SURVEY BY C. R. Lind
NOTES CHKD. [illegible] NOTES BY Lind DATE 8-21-62
DATE 8/22/62 INDEXED C. J. GALLI DATE _____

F.B. 2937 PG. 149

769420 353 3-51

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~~ CORR.	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA A-6	551202		+.008		551.210	
+	6326					
π	557528					
-	9251					
STA A-7	548277	1	+.009		548.286	
+	1510					
π	549787					
-	11236					
T.P.	538551					
+	2005					
π	540556					
-	6709					
STA A-8	533847	2	+.010		533.857	
+	0990					
π	534837					
-	11295					
TP	523542					
+	0378					
π	523920					
-	11232					
T.P.	512688					
+	0350					
π	513038					
-	10863					
T.P.	502175					
+	3281					
π	505456					
-	5338					
STA A-9	500118	4	+.012		500.130	

JOB NO. 0084.05 SURVEY OF Bill - Cir. Subsidence NOTES RED.
SURVEY BY Lind DATE
NOTES BY Lind DATE 8-21-62 NOTES CHKD. [illegible]
INDEXED C. J. GALLI DATE DATE 8/22/62

F.B. 2937 PG. 150

765420 353 3-51

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.~~ π	~~2ND RUN~~ CORR	3RD RUN	ADJ. ELEV.	DESCRIPTION
STA A-9	500118		+.012		500.130	
+	1161					
π	501279					
−	11081					
TP	490198					
+	0850					
π	491048					
−	8230					
STA A-10	482818	2	+.013		482.831	
+	1282					
π	484100					
−	11638					
TP	472462					
+	2838					
π	475300					
−	8203					
STA A-11	467097	2	+.015		467.112	
+	1922					
π	469019					
−	3955					
STA A-12	465064	1	+.015		465.079	
+	4646					
π	469710					
−	4190					
TP	465520					
+	7312					
π	472832					
−	2219					
TBM #3	470613	2	+.016		470.629	TBM #3

NOTES RED. _____ JOB NO. 0084.05 SURVEY OF Bis-Ctr Subs. Dence
DATE _____ SURVEY BY Bis-Center Subsidence
NOTES CHKD. DOB NOTES BY Lind DATE 9-21-62
DATE 8/23/62 INDEXED C. J. GALLI DATE _____

F.B. 2937 PG. 151

F. B. 2937 PG. 152

JOB NO. 0084-05 SURVEY OF Bis. Cr. Subsidence NOTES RED.
SURVEY BY C. K. Lind DATE
NOTES BY Lind DATE 8-21-62 NOTES CHKD. WZ
INDEXED C. J. GALLI DATE DATE 8/22/62

76S420 353 3-51

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~~ Corr.	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM #3	470.613		+.016		470.629	
	4692					
	470.305					
	4481					
TBM #4	470824	+.11	+.017		470.841	TBM #4 EL = 470.841 ✓
	Total	(29)				PER FB 2937-91

Profile	Notes Red.	Plotted	Job No. 0084.05	Division No. 11	F. B. 2937	PG. 153
No.	Date	Date	Survey of Biscailuz Center Subsidence			
X-Sec.	Notes Chkd.	Checked	Survey by ACG	Notes ACG	Date 9-19-62	
No.	Date	Date	Map No.	Indexed C. J. GALLI	Date 9 '62	

9 '62

J.N. 0084.05

BISCAILUZ CENTER

SUBSIDENCE

RE-RUN OF LEVELS OVER

CONTROL LINE "A"

9-21-62

Guizado

Smith

Glidden

LYBRAND

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.

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

Do not extend notes this side of this line.

76L-298 S & E #307—1-56

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	491 28					TBM #2 E. CITY TERRACE DR.
+	1 56					+ N. ROLLING DR
π	498 84					ELEV = 491.283 per pg 86
−	1 74					
T.P	497 10					
+	9 50					
π	506 60					
−	0 59					
T.P	506 01					
+	10 41					
π	516 42					
−	0 42					
T.P	516 00					
+	10 81					
π	526 81					
−	0 59					
T.P	526 22					
+	10 22					
π	536 44					
−	0 88					
T.P	535 56					
+	10 52					
π	546 08					
−	1 28					
T.P	544 80					
+	10 96					
π	555 76					
−	1 24					
T.P.	554 52					

NOTES RED _____ JOB NO 0084.05 LAND SLIDE
DATE _____ SURVEY OF L.A. COUNTY CENTER
SURVEY BY A.C.G.
NOTES CHKD [illegible] NOTES BY R.D.S. DATE 9-19-62
DATE 10/8/62 INDEXED G. J. GALL DATE

F.B. 2937 PG. 155

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. 0084.05 LANDSLIDE
SURVEY OF BISCAILUS CENTER
SURVEY BY A.C.G.
NOTES BY R.A.S. DATE 9-19-62
INDEXED C. J. GALLI DATE
NOTES RED DATE
NOTES CHKD KZ DATE 10/16/62

F.B. 2937 PG. 156

B.M.	1ST RUN	~~DIFF.~~	~~2ND RUN~~ Corr.	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	554 52					
+	6 74					
Σ	561 26					
−	4 11					
T.P	557 15					
+	8 94					
Σ	566 09					
−	2 31					
A-1	563 78	9	+.02		563.80	BM. STA. A #1 PG. 87
+	3 58					
Σ	567 36					
−	6 76					
A-2	560 60	1	+.03		560.63	BM STA. A #2 PG. 87
+	9 74					
Σ	570 34					
−	0 94					
T.P	569 40					
+	6 49					
Σ	575 89					
−	6 80					BM STA A #3 PG. 88
A-3	569 09	2	+.03		569.12	
+	5 47					
Σ	574 56					
−	11 93					
A-4	562 63	1	+.03		562.66	BM. STA A #4 PG. 88
+	2 77					
Σ	565 40					
−	10 26					
A-5	555 14	1	+.04		555.18	BM STA. A #5 PG. 88

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.~~ π	~~2ND RUN~~ CORR	3RD RUN	ADJ. ELEV.	DESCRIPTION					
A-5	555 14		+.04		555.18	Bm.	STA	A# 5		PG.	88
+	4 45										
π	559 59										
−	8 51										
A-6	551 08	1	+.04		551.12	Bm.	STA.	A# 6		PG.	88
+	6 69										
π	557 77										
−	9 62										
A-7	548 15	1	+.04		548.19	Bm	STA.	A# 7		PG.	88
+	2 96										
π	551 11										
−	9 71										
T.P	541 40										
+	1 46										
π	542 86										
−	9 14										
A-8	533 72	2	+.05		533.77	Bm	STA.	A# 8		PG.	88
+	1 83										
π	535 55										
−	9 97										
T.P	525 58										
+	1 11										
π	526 69										
−	10 74										
T.P.	515 95										
+	0 85										
π	516 80										
−	9 87										
T-P	506 93										

NOTES RED ____ JOB NO. 0084.05 SURVEY OF LANDSLIDE. BISCUILUS CENTER
DATE ____ SURVEY BY A.C.G.
NOTES CHKD. WZ NOTES BY RDS DATE 9-19-62
DATE 10/8/62 INDEXED C. J. GALLI DATE

2937 F.B. PG. 157

765420 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~~ CORR	3RD RUN	ADJ. ELEV.	DESCRIPTION					
T.P.	506 93										
+	1 47										
⊼	508 40										
−	8 35										
A-9	500 05	4	+.06	500.11	→	Bm.	STA.	A#9		pg.	89
+	1 51										
⊼	501 56										
−	11 14										
T.P.	490 42										
+	1 61										
⊼	492 03										
−	9 28										
A-10	482 75	2	+.06	482.81	→	Bm	STA.	A#	10	pg.	89
+	2 18										
⊼	484 93										
−	10 87										
T.P.	474 06										
+	2 60										
⊼	476 66										
−	9 63										
A-11	467 03	2	+.07	467.10	→	Bm	STA.	A#	11	pg.	90
+	5 45										
⊼	472 48										
−	7 48										
A-12	465 00	1	+.07	465.07	→	Bm	STA.	A#	12	pg.	90
+	4 60										
⊼	469 60										
−	4 30										
T.P	465 30										

F.B. 2937 PG. 158

JOB NO. 0084.05 SURVEY OF LANDSLIDE BISCUILUS CENTER NOTES RED

SURVEY BY A.C.G. DATE

NOTES BY R.D.S. DATE 9-19-62 NOTES CHKD. WZ

INDEXED C. J. GALLY DATE DATE 10/8/62

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.

219

Do not extend notes this side of this line

B.M.	1ST RUN	~~DIFF.~~ ⊼	~~2ND RUN~~ CORR	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	465 30					
+	4 55					
⊼	469 85					
−	3 39					
T.P.	466 46					
+	8 35					
⊼	474 81					
−	4 25					
TBM #3	470 56	3	+.07	470.63 →		TBM. #3 ELEV=470.624 SEE F.B 2937-83, 90
+	4 69					
⊼	475 25					
−	4 49					
TBM #4	470 76	1 (31)	+0.08	470.84 →		TBM #4 ELEV=470.841 SEE F.B 2937-84, 91
A-12	465 00		+.07		465.07	A-12 ELEV. = 465.07 pg 158
+	2 37					
⊼	467 37					
−	10 81					
T.P	456 56					
+	0 75					
⊼	457 31					
−	10 19					
T.P	447 12					
+	0 52					
⊼	447 64					
−	11 81					
B.M	435 83	3	+.07 −(.01)=+.06		435.89	B.M. (EXTENSION OF McBRIDE Rd) DESC. TO FOLLOW

NOTES RED ____ JOB NO. 0084.05 SURVEY OF BISCUILUS CENTER LANDSLIDE
DATE ____ SURVEY BY A.C.G.
NOTES CHKD. [illegible] NOTES BY R.D.S. DATE 9-19-62
DATE 10/[illegible]/62 INDEXED C. J. GALLI DATE

F.B. 2937 PG. 159

F.B. 2937 Pg. 160

JOB NO 0084.05 SURVEY OF BISCUILUS CENTER NOTES RED

SURVEY BY A.C.G. DATE

NOTES BY R.D.S. DATE 9-19-62 NOTES CHKD WZ

INDEXED C. L. GALLI DATE DATE 10/8/62

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~~ Corr	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM	435 83		+.07 - .01 = +.06		435.89	BM
+	2 19					DESC. TO FOLLOW
π	438 02					
−	10 62					
T.P	427 40					
+	0 65					
π	428 05					
−	11 44					
T.P	416 61					
+	1 12					
π	417.73					
−	11 41					
T.P	406 32					
+	0 81					
π	407 13					
−	11 22					
T.P	395 91					
+	0 93					
π	396 84					
−	11 62					
T.P	385 22					
+	1 52					
π	386 74					
−	10 01					
T.P	376 73					
+	1 58					
π	378 31					
−	10 87					
	367 44					

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~~ Corr.	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	367 44					
+	0 44					
π	367 88					
−	10 83					
T.P	357 05					
+	0 95					
π	358 00					
−	9 47					
BM.	348 53	9	+.07		348.60	BM (EXTENSION OF McBRIDE Rd)
+	9 54					
π	358 07					DESC. TO FOLLOW
−	1 02					
T.P	357 05					
+	10 63					
π	367 68					
−	0 45					
T.P	367 23					
+	11 07					
π	378 30					
−	0 84					
T.P	377 46					
+	11 59					
π	389 05					
−	0 86					
T.P	388 19					
+	10 40					
π	398 59					
−	0.42					
T.P.	398 17					

NOTES RED _____ JOB NO. 0084 OS SURVEY OF SUBSIDENCE BISCHILUS CTR.
DATE _____ SURVEY BY A.C.G
NOTES CHKD. DLZ NOTES BY RDS DATE 9-20-62
DATE 10/8/62 INDEXED C. J. GALLI DATE

F.B. 2937 PG. 161

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
T.P	398 17					
+	11 66					
π	409 83					
−	0 91					
T.P	408 92					
+	11 07					
π	419 99					
−	0 36					
T.P	419 63					
+	11 30					
π	430 93					
−	0 46					
T.P	430 47					
+	10 44					
π	440 91					
−	5 11					
BM	435 80	8	+.08 +.01=+.09		435.89	BM DESC. TO FOLLOW
+	7 30					
π	443 10					
−	1 20					
T.P.	441 90					
+	9 58					
π	451 48					
−	0 40					
T.P.	451 08					
+	9 30					
π	460 38					
−	0 20					
T-P	460 18					

JOB NO. 008405 SURVEY OF BISCUILUS CTR. SUBSIDENCE
SURVEY BY A.C.G. NOTES RED.
NOTES BY R.D.S. DATE 9-20-62 DATE
INDEXED C.J. GALLI DATE 10/8/62 NOTES CHKD. [illegible]

F.B. 2937 PG. 162

NOTES RED _____ JOB NO. 008405 SURVEY OF SUBSIDENCE BISCUILUS CTR.

DATE _____ SURVEY BY A. C. G

NOTES CHKD. [illegible] NOTES BY R. D. S. DATE 9-20-62

DATE 10/8/62 INDEXED C. J. GALLI DATE _____

F. B. 2937 PG. 163

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

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

Do not extend notes this side of this line

76S420 S & E-353 4-54

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	460 18					
	7 69					
	467 87					
	2 88					
A-12	464 99	4		+.08	465.07	A-12 ELEV = 465.07 pg 156

NOTES RED _____ JOB NO 0084.05 SURVEY OF Biscailuz CTR SUB | F. B. 2937 PG. 165
DATE _____ SURVEY BY A.C. GUIZADO
NOTES CHKD. _____ NOTES BY ACG DATE 10/22/62
DATE _____ INDEXED J. GALLI DATE 12 9 62

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
JN 0084.05						
Biscailuz Center						
Subsidence						
Re Run of Levels over						
Control LINE "A"						
		10/22/62				
		Guizado				
		Smith				
		Glidden				
		Lybrand				
		Guizado G.O.				

766420 S & E-353 9-55

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~~ CORR.	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM # 1	488.896		0		488.896	T.B.M. # 1 ELV 488.896
+	8 762					SPK IN CB.
⊼	497.658					
−	6 385					
TBM # 2	491.273	1	0		491.273	TBM # 2 ELEV. 491.283
+	9 231					SPK IN CB.
⊼	500.504					
−	1 226					
TP	499.278					
+	11 468					
⊼	510.746					
−	0 493					
TP	510 253					
+	10 762					
⊼	521.015					
−	1 008					
TP	520 007					
+	10 043					
⊼	530 050					
−	0 274					
TP	529.776					
+	11 054					
⊼	540 830					
−	0 524					
TP	540.306					
+	11 244					
⊼	551.550					
−	1 212					
TP	550.338					

NOTES RED _____ JOB NO. 88405 SURVEY OF BISCAILUZ CTR.
DATE 10-22 SURVEY BY A.C. GUIZADO
NOTES CHKD. [illegible] NOTES BY ACG DATE 10-22-62
DATE 10/30/62 INDEXED B. J. GALLI DATE

F.B. 2937 PG. 167

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~~ CORR.	3RD RUN	ADJ. ELEV.	DESCRIPTION					
A-5	555.157		0		555.157	STA	A-5		C.E. BM	MON	
+	4.883										
⊼	560.040										
−	8.987										
A-6	551.053	1	0		551.053	"	A-6			"	
+	5.967										
⊼	557.020										
−	8.874										
A-7	548.146	1	-.001		548.145	"	A-7			"	
+	1.939										
⊼	550.085										
−	10.807										
TP	539.278										
+	0.649										
⊼	539.927										
−	6.189										
A-8	533.738	2	-.001		533.737	"	A-8			"	
+	1.151										
⊼	534.889										
−	10.810										
TP	524.079										
+	0.608										
⊼	524.687										
−	11.682										
TP	513.005										
+	0.584										
⊼	513.589										
−	10.772										
TP	502.817										

NOTES RED ____ JOB NO. 0084.05 SURVEY OF BISCUILUZ CTR
DATE 10-22-62 SURVEY BY A. C. GUIZADO
NOTES CHKD. WJM NOTES BY ACG DATE 10-22-62
DATE 10/30/62 INDEXED C. J. GALLI DATE

F.B. 2933 PG. 169

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.~~ π	~~2ND RUN~~ Corr.	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	464.874					
+	7397					
π	472271					
−	0725					
TP	471546					
+	3308					
π	474854					
−	4224					
TBM#3	470630	3	−.001		470.629	TBM #3 ELEV 470.624 Bt SPK
+	4393					
π	475023					
−	4181					
TBM#4	470.842	1	−0.001		470.841	TBM #4 ELEV = 470.841 L&T
		S= 31				
A-12	465068		−.001		465.067	Sta A-12 ~~FIELD~~ Adj. ELEV = 465.067 (Oct. 62) CEBM MON
+	1473					
π	466541					
−	11917					
TP	454624					
+	0485					
π	455.109					
−	10318					
TP	444.791					
+	0570					
π	445361					
−	9464					
BM	435897	3	−0−		435.897	BM (UPPER) CEBM MON
						SEE FB 2700 pg 116

NOTES RED ____ JOB NO 008405 SURVEY OF Biscailuz Ctr
DATE ____ SURVEY BY A.C. Guizado
NOTES CHKD [illegible] NOTES BY ACG DATE 10-22-62
DATE 10/30/62 INDEXED [illegible] GALLI DATE

F.B. 2937 PG. 171

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.~~ π	~~2ND RUN~~ CORR	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	365.702					
+	1 162					
π	366.864					
−	11 078					
TP	355.786					
+	1 316					
π	357 102					
−	8.502					
BM	348 600	9	+.002		348.602	BM (LOWER) CE BM MON
+	10 485					SEE FB 2700 - 114
π	359.085					
−	0 802					
TP	358 283					
+	10 733					
π	369 016					
−	1 243					
TP	367 773					
+	11 253					
π	379.026					
−	0 268					
TP	378.758					
+	11 435					
π	390.193					
−	0 328					
TP	389.865					
+	11.190					
π	401.055					
−	0.390					
TP	400.665					

NOTES RED ____ JOB NO. 008405 SURVEY OF Biscailuz Ctr
DATE ____ SURVEY BY A.C. Guizado
NOTES CHKD [illegible] NOTES BY ACG DATE 10-22-62
DATE 10/30/62 INDEXED [illegible] J. GALLI DATE ____

F. B. 2937 PG. 173

NOTES RED. JOB NO 0084.05 SURVEY OF Biscailuz Ctr. F. B. 2937 PG. 175
DATE SURVEY BY A.C. Guizado
NOTES CHKD. NOTES BY ACG DATE 1-25-63
DATE INDEXED G. J. GALLI DATE JAN 30 '80

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
JOB NO 0084.05						
Biscailuz Center						
Subsidence						
Re-Run of Levels over						
Control Line "A"						
1-25-63						
				GUIZADO A.C.		
				SMITH R.D.		
				GLIDDEN R.D.		
				LYBRAND J		
				GUIZADO G.O.		

765420 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

NOTES RED _____ JOB NO. 0084 05 SURVEY OF Rosemead Blvd
DATE _____ SURVEY BY A.C. Guirado DATE 1-25-63
NOTES CHKD. [illegible] NOTES BY A.C. G
DATE 1/30/63 INDEXED E. J. GALLI DATE

F. B. 2937 PG. 177

B.M.	1ST RUN	DIFF.	~~2ND RUN~~	~~3RD RUN~~ Cor.	ADJ. ELEV.	DESCRIPTION					
TP	556.186										
+	5.742										
π	561.928	+1.677									
−	4.065										
TP	557.863										
+	10.381										
π	568.244	+5.917									
−	4.467										
A-1	563.777		9	+.007	563.784	STA	A-1		CE. BM	NON	
+	4.602										
π	568.379	−3.177									
−	7.779										
A-2	560.600		1	+.008	560.608	STA	A-2			"	
+	11.635										
π	572.235	+8.455									
−	3.180										
A-3	569.055		1	+.009	569.064	STA	A-3			"	
+	1.872										
π	570.927	−6.532									
−	8.404										
A-4	562.523		1	+.010	562.533	STA	A-4			"	
+	1.710										
π	564.233	−7.464									
−	9.184										
A-5	555.049		1	+.011	555.060	STA	A-5			"	
+	4.810										
π	559.859	−4.233									
−	9.043										
A-6	550.816		1	+.012	550.828	STA	A-6			"	

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~~ Corr.	ADJ. ELEV.	DESCRIPTION				
A-9	499.998	✓				STA	A-9		CE.	MON
+	1.462									
π	501.460	-9.792								
−	11.254									
TP	490.206									
+	0.657									
π	490.863	-7.493								
−	8.150									
A-10	482.713	✓	2	+.019	482.732	STA	A-10			"
+	1.878									
π	484.591	-9.647								
−	11.525									
TP	473.066									
+	1.006									
π	474.072	-8.042								
−	9.048									
A-12	465.024	✓	2	+.021	465.045	STA	A-12			"
+	4.755							(Adj Elev = 465.045)		
π	469.779	+0.340								
−	4.415									
TP	465.364									
+	3.867									
π	469.231	+3.197								
−	0.670									
TP	468.561									
+	5.838									
π	474.399	+2.041								
−	3.797									
TBM # 3	470.602	✓	3	+.023	470.625	TBM #3	BH. SPK	ELEV = 470.624 ✓		

NOTES RED _____ JOB NO 0084 US SURVEY OF Bisco 1/62 GP
DATE _____ SURVEY BY A.C. Bulgado
NOTES CHKD WZ NOTES BY ACB DATE 1-25-63
DATE 1/30/63 INDEXED E. J. GALLI DATE

F.B. 2937 PG. 179

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	429.942					
+	1.375					
⊼	431.317	-9.330				
−	10.705					
TP	420.612					
+	1.476					
⊼	422.088	-10.093				
−	11.569					
TP	410.519					
+	1.232					
⊼	411.751	-10.444				
−	11.676					
TP	400.075					
+	0.805					
⊼	400.880	-10.325				
−	11.130					
TP	389.750					
+	0.983					
⊼	390.733	-9.683				
−	10.666					
TP	380.067					
+	1.411					
⊼	381.478	-10.314				
−	11.725					
TP	369.753					
+	0.839					
⊼	370.592	-10.503				
−	11.342					
TP	359.250					

NOTES RED ____ JOB NO. 0084 05 SURVEY OF Biscailuz Cir.
DATE ____ SURVEY BY A.C. Guizado
NOTES CHKD. [illegible] NOTES BY A.C.G. DATE 1-25-63
DATE 1/30/63 INDEXED [illegible] DATE

F.B. 2937 PG. 181

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

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ Corr.	ADJ. ELEV.	DESCRIPTION
TP	301.891					
+	2.095					
⊼	303.986	-2.412				
−	4.507					
TP	299.479					
+	10.760					
⊼	310.239	+8.330				
−	2.430					
TP	307.809					
+	6.840					
⊼	314.649	+5.630				
−	1.210					
TP	313.439					
+	10.831					
⊼	324.270	+9.969				
−	0.862					
TP	323.408					
+	11.367					
⊼	334.775	+5.522				
−	5.845					
TP	328.930					
+	5.797					
⊼	334.727	-2.128				
−	7.925					
BM61-2	326.802		8 / 2.25	-.068	326.734	BM61-2 ELEV = 326.734
+	0.911		0.933			EASTERN AVE & E. BLANCHARD ST.
⊼	327.713	-10.211	-10.216			SEE FB 2863-9 FOR DESC.
−	11.122		11.149			
TP	316.591					

NOTES RED. ____ JOB NO. 2084-05 SURVEY OF Biscailuz Ctr
DATE ____ SURVEY BY AC Guizado
NOTES CHKD. [illegible] NOTES BY ACG DATE 1-25-63
DATE 1/30/63 INDEXED [illegible] DATE

F. B. 2937 PG. 183

NOTES RED. JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR. F.B. 2937 PG. 185
DATE SURVEY BY AC GUIZADO
NOTES CHKD. NOTES BY R.D.S. DATE 2-27-63
DATE INDEXED E. J. GAILL DATE MAR 6 '63

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
JOB NO. 0084.05						
BISCAILUZ CENTER SUBSIDENCE						
RE-RUN OF BENCH LEVELS						
OVER CONTROL LINE "A"						
FEB 27, 1963						
			Guizado AC			
			Smith RD			
			Glidden RD			
			Guizado GO			

768420 S & E-353 9-55

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.~~ Δ	2ND RUN	~~3RD RUN~~ Corr	ADJ. ELEV.	DESCRIPTION				
T.P.	555 758									
+	6 611									
π	562 369									
−	3 738									
T.P.	558 631									
+	8 735									
π	567 366									
−	3 585									
A-1	563 781	8		+.007	563.788	STA.	A-1	C.E. MON.		563.789
+	3 045									
π	566 826									
−	6 208									
A-2	560 618	1		+.008	560.626	"	A-2	"		560.626 "
+	11 908									
π	572 526									
−	3 479									
A-3	569 047	1		+.009	569.056	"	A-3	"		569.056 "
+	2 941									
π	571 988									
−	9 488									
A-4	562 500	1		+.010	562.510	"	A-4	"		562.510 "
+	2 907									
π	565 407					"				
−	10 380									
A-5	555 027	1		+.011	555.038	"	A-5	"		555.038 "
+	5 471									
π	560 498									
−	9 750									
A-6	550 748	1		+.012	550.760	"	A-6	"		550.760 "

NOTES RED ____ JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR
DATE ____ SURVEY BY A.C. GUIZADO
NOTES CHKD [signature] NOTES BY R.D.S. DATE 2-27-63
DATE 3/7/63 INDEXED C.J. GALLI DATE ____

F.B. 2937 PG. 187

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~~ Com	ADJ. ELEV.	DESCRIPTION					
A-9	499 996					STA	A-9		C.E	MON	
+	1 283										
⊼	501 279										
−	11 331										
T.P	489 948										
+	1 083										
⊼	491 031										
−	8 322									482 728	
A-10	482 709	2		+.019	482.728	"	A-10		"	"	
+	1 051										
⊼	483 760						NOTE: A-11 UNDER FILL.				
−	10 668										
T.P.	473 092										
+	0 617										
⊼	473 709										
−	8 693									465,036	
A-12	465 016	2		+.021	465.037	"	A-12		"	"	
+	5 008										
⊼	470 024										
−	4 682										
T.P	465 342										
+	4 708										
⊼	470 050										
−	2 684										
T.P.	467 366										
+	7 386										
⊼	474 752										
−	4 149										
TBM #3	470603	3		+.023	470.626	BT. SPK ELEV ADJ 470.625 4					

NOTES RED ____ JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR
DATE ____ SURVEY BY A.C. GUIZADO
NOTES CHKD [illegible] NOTES BY R.D. SMITH DATE 2-27-63
DATE 3/7/63 INDEXED C. J. GALLI DATE

F.B. 2937 PG. 189

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~~ Prel. Elev.	~~3rd RUN~~ Corr.	ADJ. ELEV.	DESCRIPTION
T.P.	404 808					
+	0 636					
Σ	405444					
−	11 978					
T.P.	393466					
+	0 698					
Σ	394164					
−	11 680					
T.P.	382484					
+	0 988					
Σ	383472					
−	11 143					
T.P.	372329					
+	0 806					
Σ	373135					
−	11 794					
T.P.	361341					
+	0 534					
Σ	361875					
−	11 550					
T.P.	350325					
+	1 358					
Σ	351683					
−	3 115					
BM LOWER	348568	9	348.589	-.024	348.565	BM. (LOWER) C.E. MON. ELEV. ADJ 348.584 per pg 182 SEE F.B. 2700-114
+	0 563					
Σ	349131					
−	9 969					
T.P.	339162					

NOTES RED _____ JOB NO 2084.05 SURVEY OF BISCAILUZ CTR.
DATE _____ SURVEY BY A.C. GUIZADO DATE 2-27-63
NOTES CHKD. [illegible] NOTES BY R.P.S.
DATE 3/7/63 INDEXED C.J. GALLI DATE

F.B. 2737 PG. 191

NOTES RED. JOB NO. 008405 SURVEY OF BISCAILUZ CN. SUB. F.B. 2937 PG. 193
DATE SURVEY BY C. K. LIND
NOTES CHKD. NOTES BY LIND DATE 7-1-63
DATE INDEXED R. J. CALLI DATE JUL 9 '63

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
900 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

DESCRIPTION	JN. 008405
	BISCAILUZ CENTER SUBSIDENCE
	RE-RUN OF LEVELS
	OVER
ADJ. ELEV.	CONTROL LINE "A"
3RD RUN	
2ND RUN	7-1-63
	LIND
DIFF.	MALDONADO
	MARTINEZ
1ST RUN	OHASHI
	ALVAREZ
B.M.	

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~~ MN RUN Corr	ADJ. ELEV.	DESCRIPTION
T.P.	543972					
+	10678		10768			
π	554650	+9.959	+9.959	(9)		
-	0719		0809			
T.P.	553931					
+	6876		6952			
π	560807	+3668	+3671			
-	3208		3281			
T.P.	557599					
+	6319		6411			
π	563918	+3016	+3013			
-	3303		3398	-.006'		
A-2	560615		560.606	560.610'	560.604'	
+	10859		11.012			
π	571474	+9.969	+9.966			
-	0890		1.046			
T.P.	570584			(2)		
+	2779		2630			
π	573363	-8.220	-8219			
-	10999		10849	-.008'		
A-4	562364		562.353	562.358'	562.350'	
+	2850		2990			
π	565214	-7.450	-7451	(1)		
-	10300		10441	-.008'		
A-5	554914		554.902	554.908'	554.900'	
+	2058		1842			
π	556972	-9.357	-9.356			
-	11415		11.198			
T.P.	545557					

NOTES RED ____ JOB NO. 0084.05 SURVEY OF Biscailuz Ctr. Sub.
DATE ____ SURVEY BY Cok Lind
NOTES CHKD [illegible] NOTES BY Lind DATE 7-1-63
DATE 7/10/63 INDEXED [redacted] DATE

F.B. 2937 PG. 195

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~~ MN RUN Corr.	ADJ. ELEV.	DESCRIPTION
A-10	482591		482.574	482.582 -.013	482.569	
+	2551		2313			
π	485142	-9038	-9037			
-	11589		11350			
T.P.	473553					
+	1039		1058			
π	474592	-7.290	-7.291			
-	8329		8349	(4)		
T.P.	466263					
+	3492		3392			
π	469755	+0.581	+0579			
-	2911		2813			
T.P.	466844					
+	7355		7440			
π	474199	+3805	+3807			
-	3550		3633			
TBM #3	470649		470.631	470.640 -.0161	470.624	TBM #3 EL= 470.624 F.B. 2937-90

$\Sigma\pi = (25)$

NOTE: TBM # 4

DESTROYED BY CONSTRUCTION WORK.

7-1-63 C.K. LIND

NOTES RED ____ JOB NO. 0084.05 SURVEY OF Biscailuz Ctr. Sub.
DATE ____ SURVEY BY C.K. LIND
NOTES CHKD [illegible] NOTES BY LIND DATE 7-1-63
DATE 7/10/63 INDEXED [illegible] DATE ____

F.B. 2937 PG. 147

Notes Ck'd by H. HOLMAN	Survey of
Map No.	JN Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed H E OTT SEP 1 7 70

F.B. 2937 Pg. 201

JOB NO 0084.00

BISCAILUZ CENTER
WATER RESERVOIR
SUBSIDENCE CHECK
AUGUST 7, 1969

GUIZADO
MOODY
WEST
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

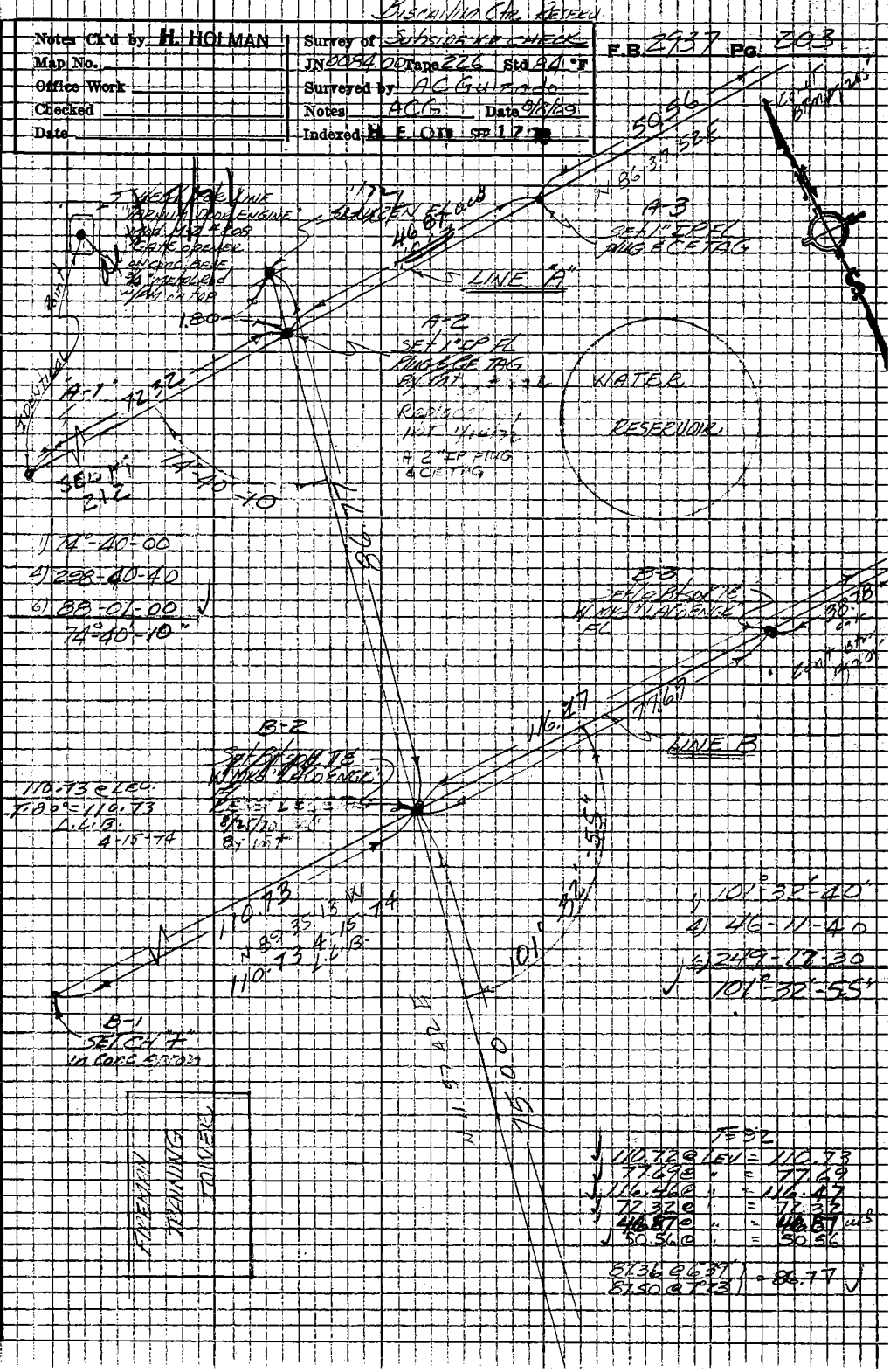
Do not extend this side of this line.

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

7623095 CF #310 5-66

Biscailing Ctr. Reserv.

Notes Ck'd by H. HOLMAN	Survey of Subsidence Check	F.B. 2937 Pg. 203
Map No.	JN 0084 00 Tape 226 Std 84 °F	
Office Work	Surveyed by A.C. Guizado	
Checked	Notes ACG Date 9/8/69	
Date	Indexed H. E. Ott SEP 17 '69	



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

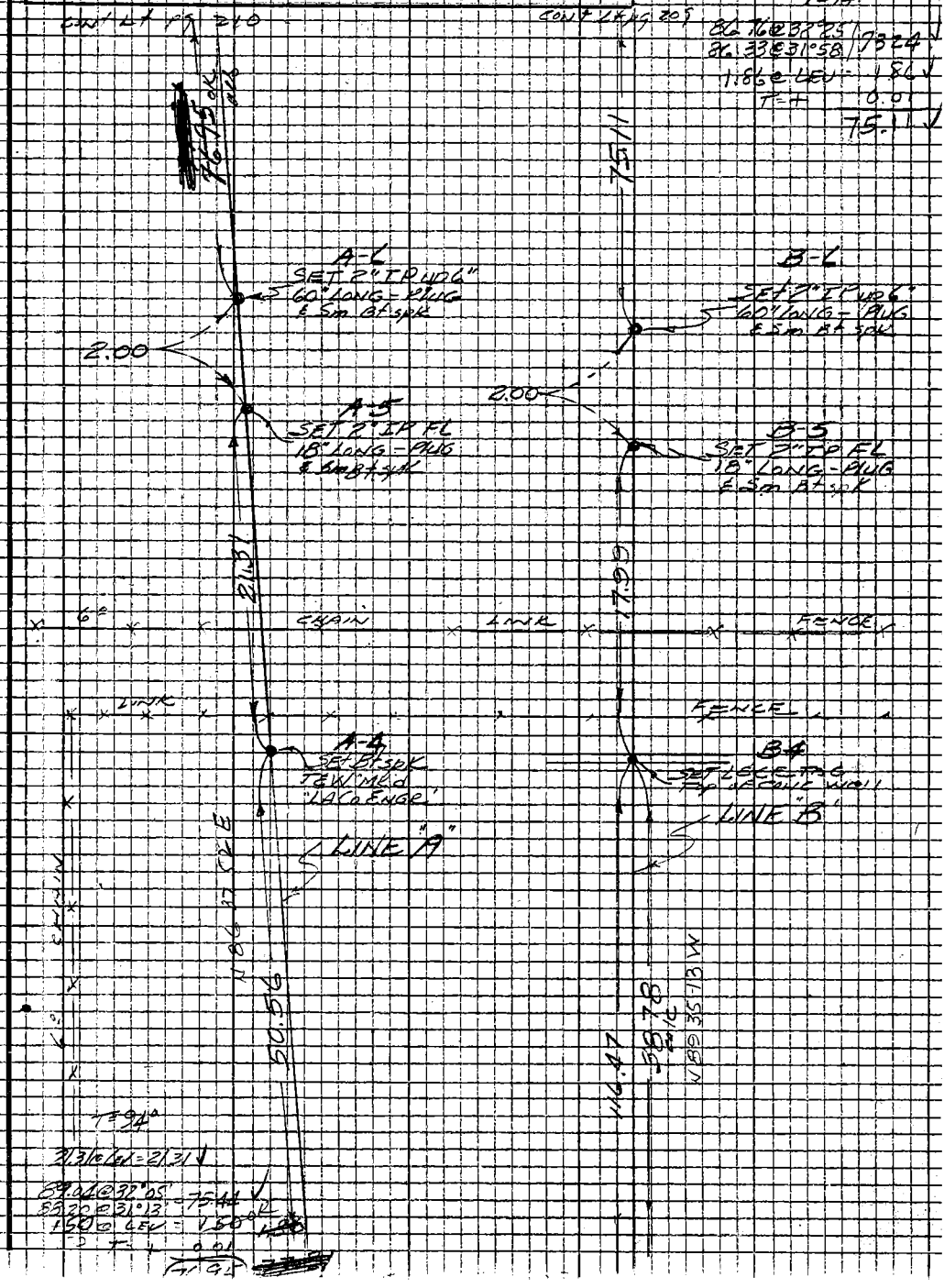
Do not extend this side of this line.

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

76P3098 CE #310 5-66

BISCAILUZ Cte REPV

Notes Ck'd by H. HOLMAN	Survey of SUBSIDENCE CHECK	F.B. 2937	Pg. 205
Map No.	JN 008400 Tape 226 Std 84 °F		
Office Work	Surveyed by Guizado		
Checked	Notes ACG Date 9/7/69		
Date	Indexed R. E. OTT SP 17-70		



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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3099 CE #310 R-66

Biscailuz Car Reserv

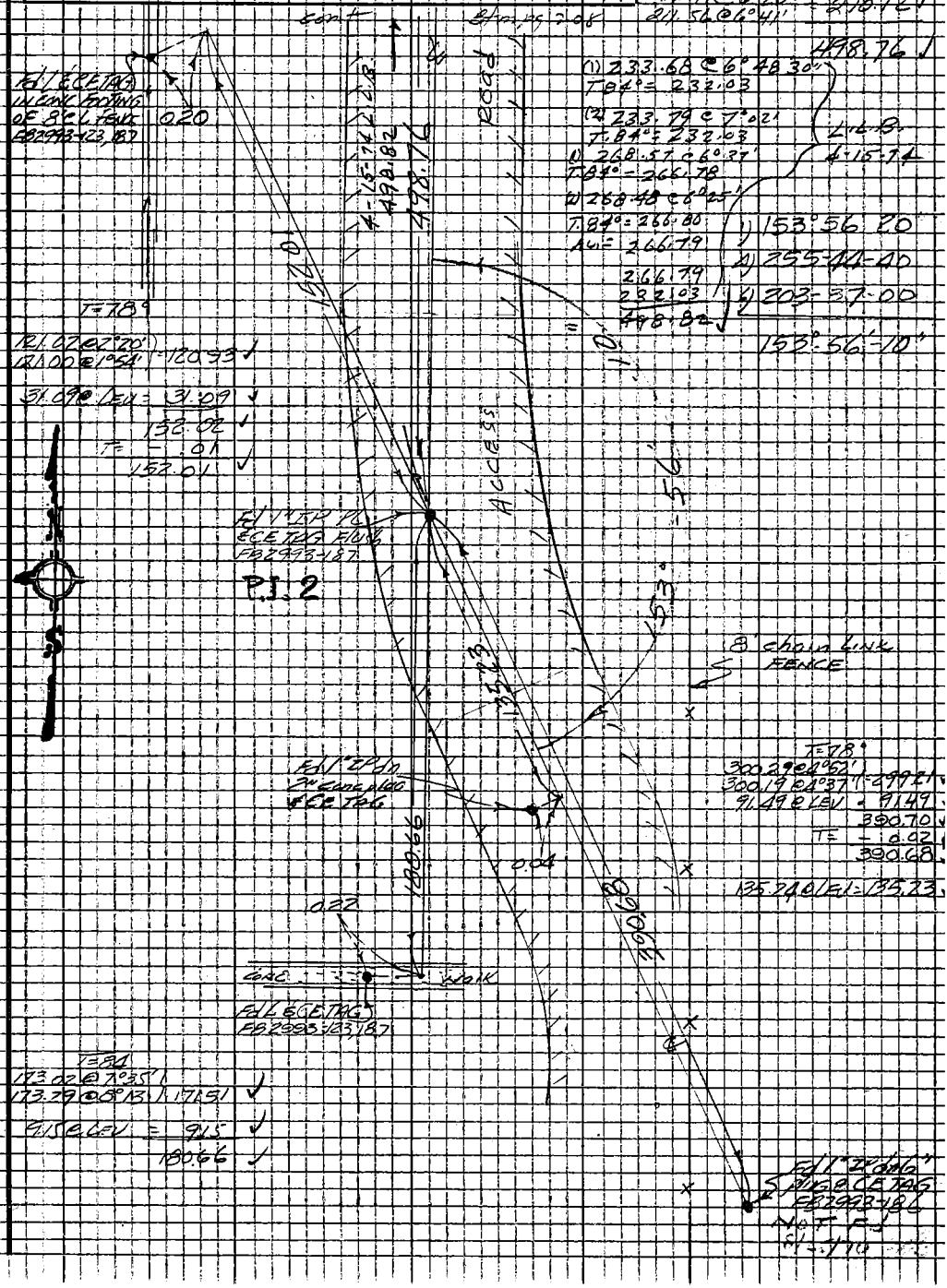
Notes Ck'd by H. HOLMAN	Survey of Subsidence Check	F.B. 2937	Pg. 207
Map No.	JN 0084.00 Tape 226 Std 84 °F		
Office Work	Surveyed by Guizado		
Checked	Notes ACG Date 8/6/69		
Date	Indexed H. E. OTY SP 17		

T=84°
290.58 @ 6°37'
290.68 @ 6°47' = 288.64 ✓
211.41 @ 6°20'
211.56 @ 6°41' = 210.12 ✓
498.76 ✓

(1) 233.68 @ 6°48'30"
T 84° = 232.03
(2) 233.79 @ 7°02'
T 84° = 232.03
(1) 268.57 @ 6°37'
T 84° = 266.78
(2) 268.48 @ 6°25'
T 84° = 266.80
Av = 266.79
266.79
232.03
498.82 ✓

L.L.B.
4-15-74

1) 153°56'20"
4) 255-44-40
6) 203-37-00
153°56'-10"



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

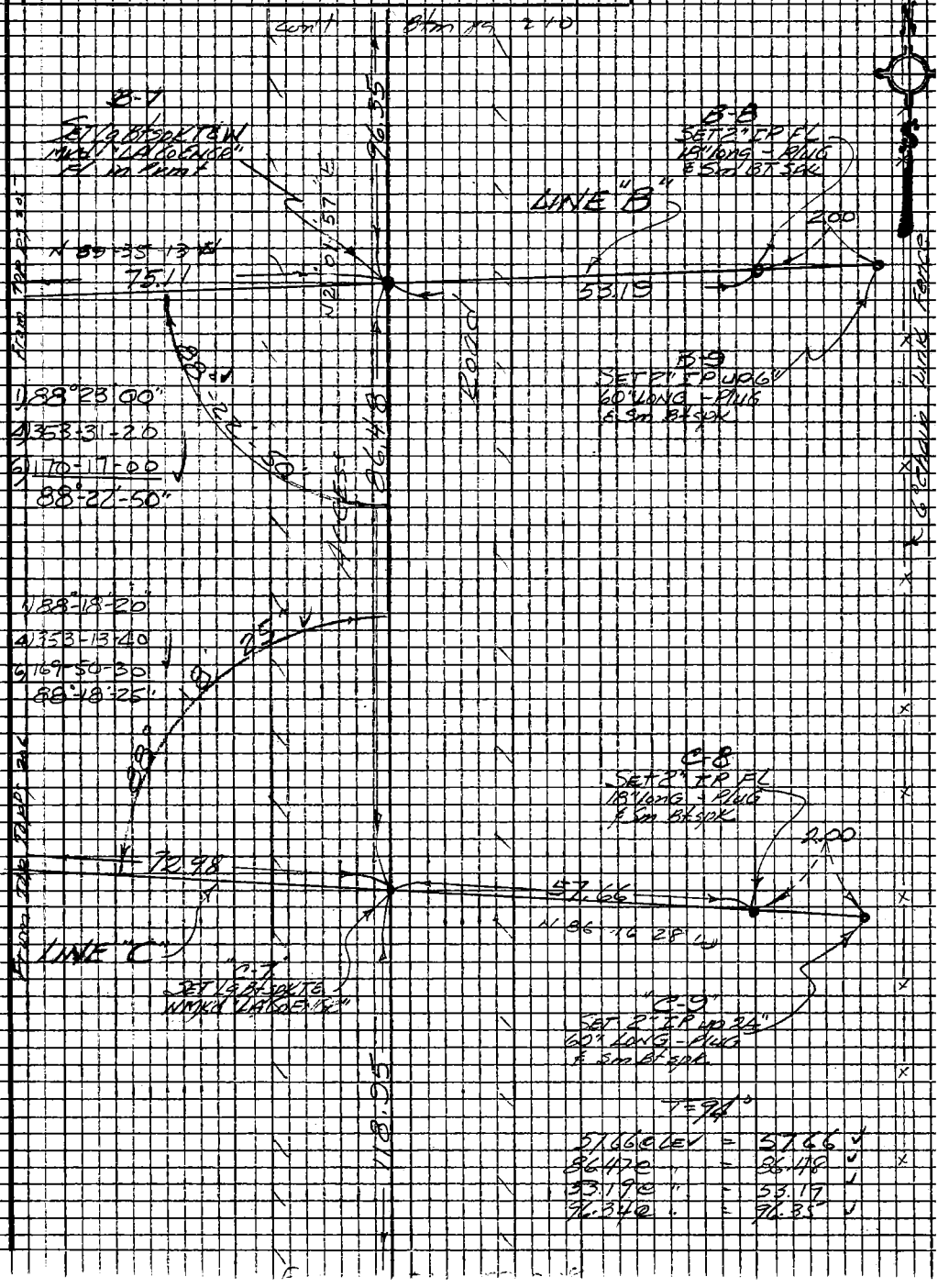
Do not extend this side of this line.

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

76P3D9S CE #310 5-66

Biscailuz ctr Resv

Notes Ck'd by H. HOLMAN	Survey of Submerge check		F.B. 2937 Pg. 209
Map No.	JN 008400 Tape 226	Std 84 °F	
Office Work	Surveyed by Guizal		
Checked	Notes ACG	Date 8/1/69	
Date	Indexed H. E. OTY	SEP 17 '70	



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

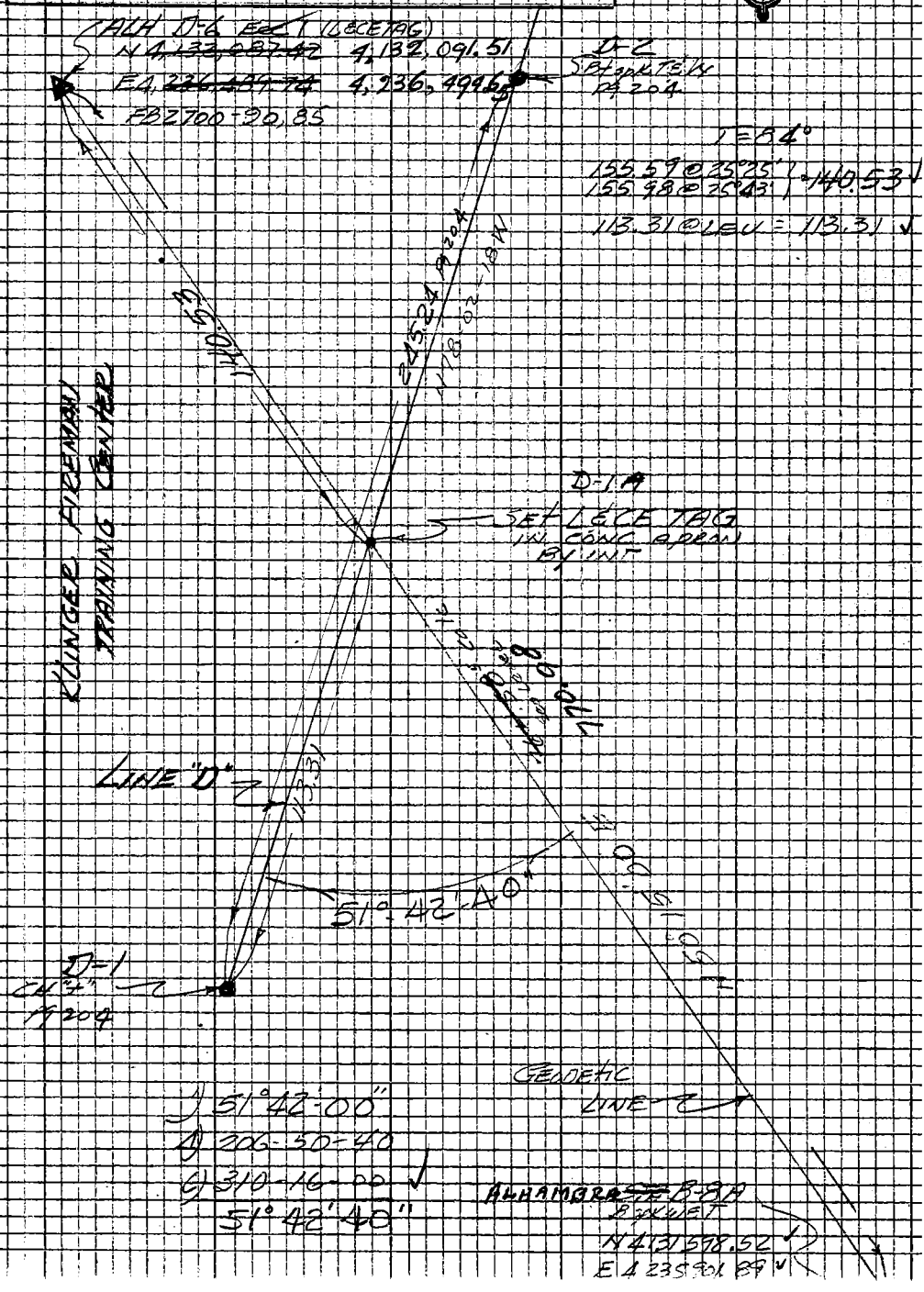
Do not extend this side of this line.

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

76P3095 CE #310 5-68

Biscoiluz etc.

Notes Ck'd by H. HOLMAN	Survey of Reservoir Substance	F.B. 2937	Pg. 211
Map No.	JN 008406 Tape 226 Std 84 °F	CADASTRAL TIE	
Office Work	Surveyed by A.C. Guizado		
Checked	Notes A.C.G. Date 5/12/69		
Date	Indexed H. E. OTT SEP 17 '70		



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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3093 CE #310 5-66

NOTES RED. JOB NO 0084.00 SURVEY OF BISCAILUZ C+C RESERVOIR SUBSIDENCE F. B 2937 PG. 213

DATE SURVEY BY GUIZADO

NOTES CHKD. NOTES BY ACG DATE 8/11/69

DATE INDEXED C. J. GALLI DATE AUG 1 8 1969

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
JOB NO 0084.00						
BISCAILUZ CENTER						
WATER RESERVOIR						
SUBSIDENCE						
LOVAR Rods 19&20						
ZEISS LEVEL						
		Guizado				
		Moody				
		West				
		Moya				

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
B-1 ✓	609.805					B-1 SEE PG 214
+	5278		5.317			
⊼ ✓	615083	+2.363	+2.366			
−	2915		2951			
A-1 ✓	612.168					A-1 FB.2937-203 FOR LOCATION
+	11.988		11.832			PM ON 3/4" ROD CATE OPENER
⊼ ✓	624.156	+11.413	+1.410			FIRE TRAINING CENTER
−	0575		0422			
A-2 ✓	623.581					A-2 FB2937-203 FOR LOCATION
+	0547		0588			1"IP w/C.E. TAG FLUSH.
⊼ ✓	624128	-10.313	10.314			FIRE TRAINING CENTER
−	10860		10.902			
TP. ✓	613.268					
+	1.980		2.037			
⊼ ✓	615.248	3.414	3.414			
−	5394		5451			
B-2 ✓	609.854					B-2 FB2937-203 FOR LOCATION.
+	5087		5136			BT. SPK. T&W. MKd. LA.CO.ENGR
⊼ ✓	614.941	0.286	0290			FIRE TRAINING CENTER.
−	5373		5426			
C-2 ✓	609.568					C-2 FB2937-204 FOR LOCATION
+	5279		5347			L & C.E. TAG in conc apron BY
⊼ ✓	614.847	0.046	0.045			FIREMAN TRAINING TOWER @
−	5233		5302			"KLINGER FIRE TRAINING CTR"
D-2 ✓	609.614					D-2 FB2937-204 FOR LOCATION
+	5180		5275			LG BT. SPK. T&W. mkd LA.CO.ENGR
⊼ ✓	614794	3.543	3.544			FL., FIRE TRAINING CENTER.
−	8723		8819			
C-3 ✓	606.071					C-3 FB2937-204 FOR LOCATION
+ ✓	3453					LG BT SPK T&W BY WATER RESERVOIR @
	[illegible]					"KLINGER FIRE TRAINING CTR"

NOTES RED ____ JOB NO. 0084.00 SURVEY OF RESERVOIR SUBSIDENCE BISCAILUZ CTR
DATE ____ SURVEY BY A.C. Guizado
NOTES CHKD. B. HOLMAN NOTES BY ACG DATE 8/11/69
DATE MAR 4 '70 INDEXED C.J. GALLI DATE AUG 1 '69

F. B2937 PG. 215

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.
B-6 ✓	608.066				
+	11.835		11.868		
π ✓	619.901	+9.451	+9.453		
−	2.384		2.415		
TP ✓	617.517				
+	6.326		6.382		
π ✓	623.843	−4.462	−4.459		
−	10.788		10.841		
A-5 ✓	613.055				
+	11.197		11.263		
π ✓	624.252	+10.133	+10.131		
−	1.064		1.132		
A-3 ✓	623.188				
+	1.238		1.242		
π ✓	624.426	−10.129	−10.131		
−	11.367		11.373		
A-6 ✓	613.059				
+	10.787		10.835		
π ✓	623.846	+7.435	+7.436		
−	3.352		3.401		
A-4 ✓	620.494				
+	0.330		0.378		
π ✓	620.824	−11.182	−11.183		
−	11.512		11.561		
TP ✓	609.312				
+	0.572		0.617		
π ✓	609.884	−11.038	−11.039		
−	11.610		11.656		
TP ✓	598.274				

	DESCRIPTION
B-6	FB2937-205 For Location 3"IP-Plug & Sm Bt spk "Klinger Fire Training Ctr"
A-5	FB2937-205 For Location 2" IP-Plug & Sm Bt spk By Water Tanks "Klinger Fire Training Ctr"
A-3	FB2937-203 For Location 1" IP Plug & CE tag By Water Tanks "Klinger Fire Training Ctr"
A-6	FB2937-205 For Location 2" IP Plug & Sm Bt spk By Water Tanks "Klinger Fire Training Ctr"
A-4	FB2937-205 For Location Bt spk T&W near Water Tanks "Klinger Fire Training Ctr"

0.378

NOTES RED _____ JOB NO. 0084.00 SURVEY OF Bascaluz etc
DATE _____ SURVEY BY A.C. Guizado DATE 8/11/69
NOTES CHKD. H. HOLMAN NOTES BY A.C.G.
DATE Mar 4 70 INDEXED C.J. Galli DATE MS 1 3 89

F.B. 2937 PG. 217

769420 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
POT ✓	545.525					POT SET FL (0.36) E of ctr ACCESS road FB 2937-208 For Location
+	8.989		9100			
π ✓	554514	+6016	+6.014			
−	2.973		3086			
D-5 ✓	551.541					D-5 FB2937 - For Location Bt spk T&W & ACCESS Rd "KLINGER FIRE TRAINING ctr"
+	4.971		5038			
π ✓	556 512	+0508	+0.508			
−	4.463		4530			
D-6 ✓	552.049					D-6 FB2937-208 - For Location 2"IP plug & Sm Bt spk 63+ft E. of ctr ACCESS ROAD
+	4.217		4340			
π ✓	556266	+0.597	+0595			
−	3.620		3745			
D-7 ✓	552.646					D-7 FB2937-208 For Location 2"IP plug & Sm Bt spk 65+ft E of ctr ACCESS road
+	7.484		7.303			
π ✓	560.130	+6.270	6.271			
−	1.214		1032			
C-9 ✓	558.916					C-9 FB2937-209 For Location 2"IP plug & Sm Bt spk 59+ft E. of ctr of ACCESS Rd
+	1.148		1212			
π ✓	560 064	−1.852	−1853			
−	3.000		3065			
C-8 ✓	557.064					C-8 FB2937-209 For Location 2"IP plug & Sm Bt spk 57+ E. of ctr of ACCESS Rd
+	3.084		2815			
π ✓	560 148	+0.984	+0.984			
−	2.100		1831			
C-7 ✓	558.048					C-7 FB2937-209 For Location Lg Bt spk T&W FL in Pvmt ctr. of ACCESS Road
+	8.045		7949	8056		
π ✓	566.093	+4.710	+4709	+4708		
−	3.335		3240	3348		
B-7 ✓	562.758					B-7 FB2937-209 For Location Lg Bt spk T&W FL in Pvmt 53' E of ctr of ACCESS ROAD

NOTES RED _____ JOB NO. _____ SURVEY OF Bascaitis ctr Reservoir Subsidence
DATE _____ SURVEY BY A.C. Guillado DATE 8/11/69
NOTES CHK'D BY H. HOLMAN NOTES BY _____ DATE _____
DATE NOV 1 70 INDEXED R.J. GALLI DATE NOV 1 8 69

F. B. 2937 PG. 219

765420 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 IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

C-4
Gov S.C.
S 6
S 96 S 6

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP ✓	565.090					
+	11.720		11.667			
π ✓	576.810	+11.235	+11.235			
−	0.485		0.432			
TP ✓	576.325					
+	11.403		11.472			
π ✓	587.728	+10.803	+10.804			
−	0.600		0.668			
TP ✓	587.128					
+	10.968		11.071			
π ✓	598.096	+10.044	+10.045			
−	0.924		1.026			
TP ✓	597.172					
+	11.790		11.722			
π ✓	608.962	+8.916	+8.914			
−	2.874		2.808			
C-3 ✓	606.088					
+	8.486		8.525			
π ✓	614.574	+3.127	+3.125			
−	5.359		5.400			
TP ✓	609.215					
+	5.810		5.834			
π ✓	615.025	+0.945	+0.946			
−	4.865		4.888			
TP ✓	610.160					
+	4.616		4.652			
π ✓	614.776	-1.266	-1.268			
−	5.582		5.920			
TP ✓	608.894					

NOTES RED _____ JOB NO. 008400 SURVEY OF Rosemead Sta. 11
DATE H. HOLMAN SURVEY BY A.C. Guzzado
NOTES CHKD. NOTES BY A.C.G. DATE 8/11/65
DATE MAR 4 70 INDEXED C.J. GALLI DATE MS 1 & 10

F. B. 2987 PG. 221

Notes Ck'd by	Survey of Biscailuz Ctr Subsid
Map No.	JN 0084.00 Tape 226 Std 84 °F
Office Work	Surveyed by A C Guizado
Checked	Notes ACG Date 11/69
Date	Indexed C. J. GALLI NOV 25 69

F.B. 2937 Pg. 223

JOB NO 0084.00

BISCAILUZ CENTER SUBSIDENCE

WATER RESERVOIR

COMPARISON SHEETS

HORIZONTAL

North & EAST WILL BE PLUS (+)

South & West WILL BE MINUS (-)

NOTE: SEE FB 3871-67-71
FOR COMPARISON SHEETS
ON WATER TANK #1 & 2
11-7-75 ACG

GUIZADO	AC
WEST	DR
MOYA	EC
SYKES	JJ

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

Notes Ck'd by	Survey of Brandon Ctr Subsid	F.B. 2937 Pg. 225
Map No.	JN 0084.00 Tape 226 Std 84 °F	
Office Work	Surveyed by Guizado	
Checked	Notes ACG Date 11/17/69	
Date	Indexed C. J. GALLI NOV 25 '69	

Sta PI #2

HORIZONTAL ANGLE @ PI #2

153° 56' 10"

DATE	FINAL ANGLE	DATE
✓ 11/17/69	153° - 56' - 30"	
✓ 2/2/70	153° - 56 - 33"	
✓ 5/8/70	153° - 56' - 42"	
✓ 8/25/70	5¼ [illegible] 207 [illegible]	

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

Do not extend this side of this line.

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

76P3098 CE #310 5-66

Notes Ck'd by	Survey of Biscoitin Ch Subd
Map No.	JN MR400 Tape 226 Std 84 °F
Office Work	Surveyed by Guirado
Checked	Notes ACG Date 11/13/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 227

STA POT - D-5

EAST = PLUS(+)

WEST = MINUS(-)

DISTANCE = 116.83

LINE BETWEEN PI #2 & 3

	DATE	STA POT. TOTAL SHEAR	STA POT. PERIOD SHEAR	STA D-5 TOTAL SHEAR	STA D-5 PERIOD SHEAR	DISTANCE	TOTAL SPREAD	PERIOD SPREAD
√	11/17/69	+0.36	0.00	0.00	0.00	116.81	-0.02	-0.02
√	2/2/70	+0.36	0.00	0.00	0.00	116.86	+0.03	+0.05
√	5/8/70	+0.36	0.00	0.00	0.00	116.83	0.00	-0.03
√	5/25/70	+0.38	+0.02	+0.02	+0.02	116.81	-0.02	+0.01
√	12/18/70	+0.36	-0.02	0.00	-0.00	116.83	0.00	+0.02
√	3/25/71	+0.37	+0.01	+0.02	+0.02	116.83	0.00	0.00
√	7/21/71	+0.37	0.01	+0.02	0.00	116.80	-0.03	-0.03
√	7/14/72	+0.37	0.00	+0.01	-0.01	116.82	-0.01	-0.02
	6/26/72	+0.38	+0.01	+0.01	0.00	116.82	-0.01	0.00
√	2/15/73	+0.38	0.00	+0.01	0.00	116.83	0.00	+0.01
	9/6/73	+0.42	+0.04	+0.02	+0.01	116.82	-0.01	-0.01
	4/16/74	+0.42	0.00	+0.02	0.00	116.82	-0.01	0.00
	10/9/74	+0.44	+0.02	+0.04	+0.02	116.85	+0.02	+0.03
	4-30-75	+0.455	+0.015	+0.05	+0.01	116.83	0.00	-0.02
	9-17-75	+0.465	+0.01	+0.06	+0.01	116.83	0.00	0.00
	3/29/76	+0.49	+0.035	+0.08	+0.02	116.90	+0.07	+0.07
	3/21/77	+0.52	+0.03	+0.10	+0.02	116.88	+0.05	-0.02
	3/31/78	+0.58	+0.06	+0.13	+0.03	116.90	+0.07	+0.02

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

Do not extend this side of this line.

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

76P309B CK #310 F-66

Notes Ck'd by	Survey of Biscailuz Ctr Subdivd
Map No.	JN0084.00 Tape 226 Std 84°F
Office Work	Surveyed by Quirado
Checked	Notes ACG Date 11/14/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 229

STA C-7 to B-7

EAST = PLUS (+)

WEST = MINUS (−)

LINE BETWEEN PI# 2 & 3

DISTANCE = 86.48

DATE	TOTAL SHEAR	PERIOD SHEAR	DISTANCE	TOTAL SPREAD	PERIOD SPREAD
1/17/69	0.00	0.00	86.49	+0.01	+0.01
2/2/70	0.00	0.00	86.50	+0.02	+0.01
5/8/70	0.00	0.00	86.50	+0.02	0.00
5/25/70	+0.02	+0.02	86.50	+0.02	0.00
7/14/70	+0.02	0.00	86.51	+0.03	+0.01
3/26/71			86.51	+0.03	0.00
7/21/71			86.53	+0.05	+0.02
1/14/72			86.54	+0.06	+0.01
6/27/72			86.53	+0.05	−0.01
2/15/73			86.55	+0.07	+0.02
9/6/73			86.56	+0.08	+0.01
4/16/74			86.52	+0.04	−0.04
10/9/74			86.55	+0.07	+0.03
7-30-75			86.55	+0.07	0.00
7-17-75			86.53	+0.05	−0.02
3/29/76			86.56	+0.08	+0.03
3/21/77			86.56	+0.08	0.00
3/31/78			86.54	+0.06	−0.02

SEE PG. 2-30 FOR B-1

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-68

Notes Ck'd by:	Survey of Bismillia Ch Sale 1
Map No.	JN 0 Tape 226 Std 84
Office Work	Surveyed by [illegible]
Checked	Notes ACC Date 11-67
Date	Indexed C.L. CAIT NOV 25 '69

F.B. 2937 Pg. 231

STA A-7 to PI #3

EAST = PLUS (+)

WEST = MINUS (-)

LINE BETWEEN PI #2 & 3

DISTANCE = 81.34

DATE	STA A-7 TOTAL SHEAR	PERIOD SHEAR	DISTANCE	TOTAL SPREAD	PERIOD SPREAD
✓ 1/17/69	0.00	0.00	81.33	-0.01	-0.01
✓ 2/2/70	-0.01	-0.01	81.33	-0.01	0.00
✓ 5/8/70	+0.01	+0.02	81.33	-0.01	0.00
✓ 9/3/70	+0.01	0.00	81.31	-0.03	-0.02
✓ 1/18/71	+0.01	0.00	81.32	-0.02	-0.01
✓ 3/25/71	+0.02	+0.01	81.33	-0.01	+0.01
✓ 7/21/71	+0.02	0.00	81.35	+0.01	+0.02
✓ 7/14/72	+0.03	+0.03	81.31	-0.03	-0.04
6/27/72	+0.03	-0.005	81.30	-0.04	-0.01
✓ 2/15/73	+0.04	+0.01	81.31	-0.03	-0.01
8/6/73	+0.04	0.00	81.30	-0.04	-0.01
8/16/74	+0.05	+0.01	81.28	-0.06	-0.02
10/9/74	+0.05	0.00	81.29	-0.05	+0.01
4-30-75	+0.06	+0.01	81.28	-0.06	-0.01
9-17-75	+0.08	+0.02	81.27	-0.07	-0.01
3/29/76	+0.05	-0.03	81.28	-0.06	+0.01
3/21/77	+0.07	+0.02	81.27	-0.07	-0.01
3/31/78	+0.08	+0.01	81.26	-0.08	+0.01

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
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

7GP3093 CK #310 8-68

Notes Ck'd by	Survey of Baseline Ctr Subd
Map No.	JN 00R4.00 Tape 226 Std 84°F
Office Work	Surveyed by Guzzalo
Checked	Notes ATC Date 4/1/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 233

HORIZONTAL ANGLE @
98°-14'-10" Rec
STA C-2

DISTANCE 0-2 to C-2 = 85.00

DATE	HORIZONTAL ANGLE	DISTANCE	TOTAL SPREAD	PER 100 SPREAD
1-4-69	98°-13-57"	85.01	+0.01	+0.01
12/3/70	98-13-57	85.00	+0.00	-0.01
5/8/70	98°-13-52"	85.00	0.00	0.00
8/25/70	98-13-58	85.03	+0.03	+0.03
12/7/70	98°-13-57"	85.01	+0.01	-0.02
3/25/70	98°-13-55	85.02	+0.02	+0.01
7/2/71	98-13-50	85.03	+0.03	+0.01
7/18/72	98-13-47	85.03	+0.03	0.00
8/27/72	98-13-43	85.03	+0.03	0.00
2/15/73	98-13-45	85.01	+0.01	-0.02
9/7/73	98°-13-42"	85.00	0.00	-0.01
4/16/74	98°-13-23"	85.00	0.00	0.00
4/2/74	98°-13-52	84.99	-0.01	-0.01
4-30-75	98-13-30	85.00	0.00	+0.01
9-17-75	98-13-20	84.99	-0.01	-0.01
3/29/76	98-13-00	84.99	-0.01	0.00
9/21/77	98-13-45	84.99	-0.01	0.00
3/31/78	98-13-25	84.97	-0.03	-0.02

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

Do not extend this side of this line.

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

76F305 CE #310 R-68

Notes Ck'd by	Survey of Pacoima Ch Subsid
Map No.	JN 0084.00 Tape 226 Std 24 °F
Office Work	Surveyed by Guizado
Checked	Notes ACG Date 11/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 235

HORIZONTAL ANGLE @ 74°-40'-10" STA A-2

DISTANCE B-2 to A-2 = 84.97

DATE	HORIZONTAL ANGLE		DISTANCE	TOTAL SPREAD	PERIOD SPREAD
1/17/69	74°-40'-01"		85.00	+0.03	+0.03
2/2/70	74-39-53		84.98	+0.01	-0.02
5/8/70	74°-39'-52"		OUT	—	—
8/25/70	74-40-25		85.01	+0.04	+0.03
12/17/70	74-40-25		84.97	0.00	-0.04
3/25/71	74°41'10"		85.00	+0.03	+0.03
1/21/71	74°41'00"		85.00	+0.03	0.00
1/14/72	74-41-26	RESET 1/14/72	85.00	+0.03	0.00
6/27/72	74-40-38		85.01	+0.04	+0.01
1/15/73	74-41-13		85.00	+0.03	-0.01
9/7/73	74°41'05"		85.00	+0.03	0.00
4/16/74	74°41'03		84.99	+0.02	-0.01
4/8/74	74-40-59		85.00	+0.03	+0.01
4-30-75	74°40-58		85.00	+0.03	0.00
9-17-75	74°40'50		85.00	+0.03	0.00
3/24/76	74°-40'41"		85.02	+0.05	+0.02
3/21/77	74-40-15		85.02	+0.05	0.00
3/30/78	74-41-02		85.01	+0.04	-0.01

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7623098 CE #310 5-66

Notes Ck'd by	Survey of Biscailuz Ctr Subsid
Map No.	JN 008400 Tape 226 Std 84 °F
Office Work	Surveyed by Guizado
Checked	Notes ACG Date 11/65
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 237

"A" LINE

STA A-2 TO A-3

46.87

NORTH = PLUS (+)

SOUTH = MINUS (−)

STA A-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1/17/69	46.87	0.00	0.00	−0.01	−0.01
2/2/70	46.89	+0.02	+0.02	−0.01	0.00
5/8/70	46.87	0.00	−0.02	−0.00	−0.00
8/25/70	46.86	−0.01	−0.01	0.00	0.00
12/12/70	46.86	−0.01	0.00	0.00	0.00
3/25/71	46.87	0.00	+0.01	+0.01	+0.01
7/21/71	46.88	+0.01	+0.01	+0.01	0.00
1/14/72	46.88	+0.01	0.00	+0.01	0.00
6/27/72	46.88	+0.01	0.00	−0.005	−0.015
2/15/73	46.88	+0.01	0.00	+0.005	−0.01
9/7/73	46.87	0.00	−0.01	0.00	−0.005
4/16/74	46.86	−0.01	−0.01	0.00	0.000
10/8/74	46.87	0.00	+0.01	0.00	0.00
4-30-75	46.87	0.00	0.00	+0.005	+0.005
9-12-75	46.87	0.00	0.00	−0.01	−0.015
3/29/76	46.89	+0.02	+0.02	−0.02	+0.01
3/21/77	46.88	+0.01	−0.01	−0.03	−(+)0.01
3/30/78	46.87	0.00	−0.01	0.00	+0.03

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

Notes Ck'd by		Survey of Biscayne Ch. Subsid	F.B. 2937 Pg. 239
Map No.		JN 008400 Tape 226 Std 84 °F	
Office Work		Surveyed by Guizada	"A" LINE
Checked		Notes ACC Date 11/69	STA A-4 to A-5
Date		Indexed C.J. GALLI NOV 25 '69	21.31

NORTH = PLUS (+)
SOUTH = MINUS (-)

STA A-5

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1/17/69	21.32	+0.01	+0.01	-0.01	-0.01
2/2/70	21.33	+0.02	+0.01	-0.02	-0.01
5/8/70	21.33	+0.02	0.00	-0.01	+0.01
8/25/70	21.31	0.00	-0.02	-0.01	0.00
12/17/70	21.32	+0.01	+0.01	0.00	+0.01
3/25/71	21.32	+0.01	0.00	+0.03	+0.03
7/21/71	21.32	+0.01	0.00	0.00	-0.03
1/14/72	21.36	+0.05	+0.04	+0.02	+0.02
6/27/72	21.35	+0.04	-0.01	-0.02	-0.04
2/15/73	21.36	+0.05	+0.02	+0.03	+0.05
9/7/73	21.32	+0.01	-0.04	+0.02	-0.01
4/16/74	21.33	+0.02	+0.01	+0.03	+0.01
10/9/74	21.31	0.00	-0.02	-0.01 5	-0.04 5
4-30-75	21.34	+0.03	+0.03	-0.01	+0.005
9-17-75	21.34	+0.03	0.00	0.00	+0.01
3/29/76	21.35	+0.04	+0.01	-0.01	-0.01
3/21/77	21.35	+0.04	0.00	-0.04	-⊕ 0.03
3/31/78	21.39	+0.08	+0.04	+0.05	+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

Do not extend this side of this line.

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

76P3098 CE #310 8-66

Notes Ck'd by		Survey of Bernuitz Chi Subaid	F.B. 2937 Pg. 241
Map No.		JN 0084.09 Tape 276 Std 84° °F	"A" LINE
Office Work		Surveyed by Quintado	
Checked		Notes AGS Date 11/69	STA A-6 to A-7
Date		Indexed C. J. GALLI NOV 25 80	76.95

NORTH = PLUS (+)
SOUTH = MINUS (-)

STA A-7

	DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓	11/7/69	76.96	+0.01	+0.01	-0.02	-0.02
✓	2/2/70	76.97	+0.02	+0.01	-0.03	-0.01
✓	5/8/70	76.98	+0.03	+0.01	-0.01	+0.02
✓	8/25/70	77.00	+0.05	+0.02	-0.03	+0.02
✓	12/7/70	77.01	+0.06	+0.01	-0.04	-0.01
✓	3/2/71	77.02	+0.07	+0.01	+0.04	+0.08
✓	7/21/71	77.05	+0.10	+0.03	0.00	+0.04
✓	7/14/72	77.06	+0.11	+0.01	0.00	0.00
	6/27/72	77.09	+0.14	+0.03	-0.06	-0.06
✓	2/15/73	77.12	+0.17	+0.03	-0.01	+0.05
✓	8/7/73	77.16	+0.21	+0.04	-0.03	-0.02
	4/16/74	77.12	+0.17	-0.04	-0.02	+0.01
	10/9/74	77.16	+0.21	+0.04	-0.11	-0.09
✓	4-30-75	77.16	+0.21	0.00	-0.12	-0.01
✓	9-17-75	77.20	+0.25	+0.04	-0.09	+0.03
✓	3/29/76	77.21	+0.26	+0.01	-0.12	+0.03
✓	3/2/77	77.25	+0.30	+0.04	-0.20	-0.08
	3/31/78	77.20	+0.25	-0.05	-0.04	+0.16

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
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

762OSS CE #310 5-66

Notes Ck'd by	Survey of Bonita Ch Cutoff
Map No.	JN 0089400 Tape 226 Std 84 °F
Office Work	Surveyed by Guzzado
Checked	Notes ACG Date 4/69
Date	Indexed C. J. GALLI 10/25/69

F.B. 2937 Pg. 243

"A" LINE

STA A-8 to A-9

2.00

NORTH = PLUS (+)

SOUTH = MINUS (-)

STA A-9

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 1/1/69	2.00	0.00	0.00	-0.03	-0.03
✓ 2/2/70	2.00	0.00	0.00	-0.03	0.00
✓ 5/8/70	1.99	-0.01	-0.01	0.00	+0.03
✓ 8/20/70	2.00	0.00	+0.01	-0.02	-0.02
✓ 12/2/70	1.99	-0.01	-0.01	-0.06	-0.04
✓ 3/25/71	1.99	-0.01	0.00	+0.02	+0.08
✓ 7/21/71	2.00	0.00	+0.01	-0.04	-0.08
✓ 7/14/72	2.01	+0.01	+0.01	-0.03	+0.01
10/27/72	2.00	-0.00	-0.01	-0.12	-0.09
✓ 1/15/73	1.99	-0.01	-0.01	-0.06	+0.06
✓ 9/7/73	2.00	0.00	+0.01	-0.08	-0.02
4/16/74	2.00	0.00	0.00	-0.06	+0.02
10/9/74	2.01	+0.01	+0.01	-0.18	-0.12
✓ 1-30-75	2.00	0.00	-0.01	-0.195	-(+)0.015
✓ 7-17-75	2.00	0.00	0.00	-0.165	+0.030
3/29/76	2.00	0.00	0.00	-0.20	-(+)0.035
3/21/77	STA A-9 HAS BEEN HIT		— S/y 3 to 4 TENTHS		NOT USED

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
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

765-3099 CE #310 5-66

Notes Ck'd by	Survey of Biscailuz Ct. Subsid
Map No.	JN008400 Tape 226 Std 84 °F
Office Work	Surveyed by Guizado
Checked	Notes ACG Date 11/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 245

"B" LINE

STA B-3 to B-4

38.78

NORTH = PLUS (+)

SOUTH = MINUS (-)

STA B-4

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
11/17/69	38.78	0.00	0.00	-0.01	-0.01
2/2/70	38.78	0.00	0.00	-0.01	0.00
3/8/70	38.79	+0.01	+0.01	B-2 OUT	
8/25/70	38.77	-0.01	-0.02	0.00	0.00
12/17/70	38.77	-0.01	0.00	0.00	0.00
3/25/71	38.76	-0.02	-0.01	+0.02	+0.02
7/21/71	38.80	+0.02	+0.04	+0.02	0.00
1/14/72	38.78	0.00	-0.02	+0.02	0.00
6/27/72	38.78	0.00	0.00	+0.02	0.00
8/15/73	38.75	-0.03	-0.03	+0.01	-0.01
9/7/73	38.76	-0.02	+0.01	+0.01	0.00
4/16/74	38.74	-0.04	-0.02	+0.025	+0.015
10/8/74	38.77	-0.01	+0.03	+0.03	+0.005
4-30-75	38.80	+0.02	+0.03	+0.015	-0.015
9-17-75	38.78	0.00	-0.02	+0.025	+0.01
11-18-75	38.76	-0.02	-0.02	+0.02	-0.005
3/29/76	38.77	-0.01	+0.01	+0.03	+0.01
3/21/77	38.80	+0.02	+0.03	+0.02	-0.01
3/30/78	38.76	-0.02	-0.04	+0.025	+0.005

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

6P2095 CE #310 5-66

Notes Ck'd by	Survey of Biscailuz Ctr School
Map No.	JN 00RV.00 Tape 2L Std 72 °F
Office Work	Surveyed by Guizado
Checked	Notes ACG Date 11/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg 247

"B" LINE

STA B-5 to B-6

2.00

NORTH = PLUS (+)

SOUTH = MINUS (-)

STA B-6

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 11/7/66	2.00	0.00	0.00	0.00	0.00
✓ 2/2/70	2.00	0.00	0.00	-0.02	-0.02
5/8/70	2.00	0.00	0.00	B-2 OUT	
✓ 8/25/70	2.00	0.00	0.00	+0.02	+0.04
3/25/71	2.00	0.00	0.00	+0.02	0.00
✓ 7/21/71	2.00	0.00	0.00	+0.02	+0.00
✓ 7/14/72	1.99	-0.01	-0.01	+0.02	0.00
6/27/72	1.99	-0.01	0.00	+0.03	+0.01
✓ 1/5/73	2.00	+0.00	+0.01	0.00	-0.03
✓ 9/7/73	2.00	0.00	0.00	+0.02	+0.02
8/16/74	2.01	+0.01	+0.01	+0.025	+0.005
10/9/74	2.00	0.00	-0.01	+0.02	-0.005
✓ 4/30/75	1.995	-0.005	-0.005	+0.03	+0.01
✓ 9/17/75	1.99	-0.01	-0.005	+0.045	+0.015
✓ 12/8/75	2.00	0.00	+0.01	+0.02	-0.025
✓ 3/29/76	2.00	0.00	0.00	+0.02	0.00
✓ 3/21/77	2.00	0.00	0.00	0.00	-0.02
3/21/78	2.01	+0.01	+0.01	+0.01	+0.01

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7B-3098 | CE #310 5-66

Notes Ck'd by:	Survey of: Brookline Chaparral
Map No.	JN 0038.00 Tape 200 Std 84 °F
Office Work	Surveyed by: Galindo
Checked	Notes: AGG Date 11/69
Date	Indexed: C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 249

"B" LINE

STA B-7 to B-8

NORTH = PLUS (+)
SOUTH = MINUS (-)

53.19

STA B-8

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1/15/69	53.18	-0.01	-0.01	-0.01	-0.01
4/2/70	53.16	-0.03	-0.02	-0.03	-0.02
5/8/70	53.13	-0.06	-0.03	52.007	
8/25/70	53.08	-0.11	-0.05	-0.01	+0.02
9/17/70	53.07	-0.12	-0.01	+0.02	+0.01
3/26/71	53.04	-0.15	-0.03	0.00	+0.02
7/21/71	53.04	-0.15	0.00	0.00	0.00
1/14/72	53.03	-0.16	-0.01	-0.01	-0.01
6/27/72	53.00	-0.19	-0.03	+0.005 REV	+0.015
2/15/73	52.99	-0.20	-0.01	-0.06	-0.065
9/7/73	52.96	-0.23	-0.03	-0.025	+0.035
8/16/74	52.92	-0.27	-0.04	-0.03	-0.005
10/10/74	52.89	-0.30	-0.03	-0.12	-0.09
9-20-75	52.85	-0.34	-0.04	-0.02	+0.10
9-17-75	52.81	-0.38	-0.04	0.00	+0.02
3/29/76	52.80	-0.39	-0.01	-0.04	-0.04
3/22/77	52.73	-0.46	-0.07	-0.07	-0.03
3/31/78	52.61	-0.58	-0.12	-0.05	+0.02

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

Do not extend this side of this line.

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

6P3005 CE #310 5-66

Notes Ck'd by	Survey of Biscailuz Ctr Sub	F.B. 2937 Pg. 251
Map No.	JN 008400 Tape 226 Std 64 °F	"C" LINE
Office Work	Surveyed by Guzado	STA C-2 to C-3
Checked	Notes ACG Date 11/69	
Date	Indexed C. J. GALLI NOV 25 '69	

NORTH = PLUS (+)
SOUTH = MINUS (−)

86.24

STA C-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 7/69	86.25	+0.01	+0.01	0.00	0.00
✓ 2/2/70	86.26	+0.02	+0.01	0.00	0.00
✓ 5/8/70	86.24	0.00	−0.02	0.00	0.00
✓ 8/25/70	86.28	+0.04	+0.04	−0.01	−0.01
✓ 12/17/70	86.26	+0.02	−0.02	−0.01	0.00
✓ 3/25/71	86.26	+0.02	0.00	−0.01	0.00
✓ 7/21/71	86.27	+0.03	+0.01	−0.01	0.00
✓ 1/14/72	86.27	+0.03	0.00	−0.01	0.00
6/27/72	86.27	+0.03	0.00	−0.02	−0.01
✓ 2/15/73	86.29	+0.05	+0.02	−0.02	0.00
✓ 9/7/73	86.27	+0.03	−0.02	−0.02	0.00
4/16/74	86.25	+0.01	−0.02	−0.015	+0.005
10/8/74	86.26	+0.02	+0.01	−0.03	−0.015
✓ 4-30-75	86.25	+0.01	−0.01	−0.035	−0.005
✓ 9-17-75	86.235	−0.005	−0.015	−0.01	+0.025
✓ 3/29/76	86.22	−0.02	−0.015	−0.02	−0.01
✓ 3/21/77	86.25	+0.01	+0.03	−0.02	0.00
3/30/78	86.27	+0.03	+0.02	−0.02	0.00

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

Do not extend this side of this line.

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

6P2095 CE #310 5-66

Notes Ck'd by		Survey of Biscaiino Chr. Cabrillo	F.B. 2937 Pg. 253
Map No.		JN 00800 Tape 226 Std. 54 °F	"C" LINE
Office Work		Surveyed by Guizado	STA C4 to C-5
Checked		Notes ACB Date 1/69	25.72
Date		Indexed C. J. GALLI NOV 25 '69	

NORTH = PLUS (+)
SOUTH = MINUS (−)

STA C-5

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 1/17/69	25.69	−0.03	−0.03	0.00	0.00
2/2/70	25.70	−0.02	+0.01	0.00	0.00
5/8/70	25.73	+0.01	+0.03	−0.00	−0.00
9/25/70	25.72	0.00	−0.01	−0.02	−0.02
[illegible]/2/70	25.70	−0.02	−0.02	−0.01	+0.01
✓ 3/25/71	25.73	+0.01	+0.03	−0.01	0.00
✓ 7/21/71	25.70	−0.02	−0.03	−0.04	−0.03
✓ 1/14/72	25.73	+0.01	+0.03	0.00	+0.03
6/27/72	25.73	+0.01	0.00	−0.03	−0.03
✓ 12/15/73	25.73	+0.01	0.00	0.00	+0.03
✓ 9/7/75	25.71	−0.01	−0.02	−0.02	−0.02
8/16/74	25.72	0.00	+0.01	−0.05	−0.03
10/9/74	25.71	−0.01	−0.01	−0.01½	+0.03½
✓ 4-30-75	25.72	0.00	+0.01	−0.03	−0.015
✓ 9-17-75	25.69	−0.03	−0.03	−0.02	+0.01
25.69 − 2.47 = 23.22 SEE F.B. 2937-206		3/29/76 NOW MEAS C-4A to C-5			
✓ 3/29/76	23.22	0.00	0.00	−0.02	0.00
✓ 3/21/77	23.18	−0.04	−0.04	0.00	+0.02
3/31/78	23.18	−0.04	0.00	−0.04	−0.04

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
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

7623098 CR #310 5-68

Notes Ck'd by	Survey of Rosemead Cal-Sub
Map No.	INDEX 00 Tape 226 Std 24 °F
Office Work	Surveyed by Guzzado
Checked	Notes Arb Date 11/66
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 PG. 255

"C" LINE

STA C6 to C7

NORTH = PLUS (+)
SOUTH = MINUS (−)

72.98

STA C-7

DATE	DISTANCE	TOTAL SPREAD	PER 100 SPREAD	TOTAL SHEAR	PER 100 SHEAR
11/7/69	72.99	+0.01	+0.01	0.00	0.00
2/3/70	73.00	+0.02	+0.01	0.00	0.00
5/8/70	73.00	+0.02	0.00	0.00	0.00
8/25/70	72.99	+0.01	−0.01	−0.01	−0.01
11/17/70	72.98	0.00	−0.01	−0.03	−0.02
3/25/71	73.01	+0.03	+0.03	−0.04	−0.01
7/21/71	73.03	+0.05	+0.02	−0.07	−0.03
11/14/72	73.03	+0.05	0.00	−0.05	+0.02
6/27/72	73.04	+0.06	+0.01	−0.08	−0.03
2/15/73	73.01	+0.03	−0.03	−0.08	0.00
9/7/73	73.04	+0.06	+0.03	−0.12	−0.04
2/14/74	73.02	+0.04	−0.02	−0.12	0.00
10/9/74	73.03	+0.05	+0.01	−0.11	+0.01
4-30-75	73.03	+0.05	0.00	−0.16	−0.05
9/17/75	73.07	+0.09	+0.04	−0.15	+0.01
3/29/76	73.05	+0.07	−0.02	−0.15	0.00
3/21/77	73.10	+0.12	+0.05	−0.14	+0.01
3/31/78	73.05	+0.07	−0.05	−0.17	−0.03

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P2095 CE #310 8-66

Notes Ck'd by	Survey of Biscailuz Ch Subsid
Map No.	JN 008400 Tape 22L Std 84 °F
Office Work	Surveyed by Guizado
Checked	Notes AGG Date 11/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 257

"C" LINE

STA C-8 to C-9

NORTH = PLUS (+)
South = MINUS (-)

2.00

STA C-9

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 11/7/69	2.00	0.00	0.00	+0.02	+0.02
✓ 2/2/70	2.00	0.00	0.00	+0.01	-0.01
✓ 5/8/70	2.00	0.00	0.00	0.00	-0.01
✓ 8/25/70	2.00	0.00	0.00	+0.00	+0.00
✓ 12/17/70	2.00	0.00	0.00	-0.01	-0.01
✓ 3/25/71	2.00	0.00	0.00	-0.04	-0.03
✓ 7/21/71	2.01	+0.01	+0.01	-0.06	-0.02
✓ 1/14/72	2.01	+0.01	0.00	-0.01	+0.05
6/27/72	2.01⁵	+0.01⁵	+0.00⁵	-0.07	-0.06
✓ 2/15/73	2.02	+0.02	+0.00⁵	-0.05	(-)+0.02
✓ 9/7/73	2.02	+0.02	0.00	-0.09	-0.04
4/16/74	2.02	+0.02	0.00	-0.10	-0.01
10/9/74	2.02	+0.02	0.00	-0.06	+0.04
✓ 4-30-75	2.025	+0.025	+0.005	-0.145	-0.085
✓ 9-17-75	2.03	+0.03	+0.005	-0.12	+0.025
✓ 3/29/76	2.03	+0.03	0.00	-0.11	+(-)0.01
✓ 3/21/77	2.02	+0.02	-0.01	-0.11	0.00
3/31/78	2.03	+0.03	+0.01	-0.13	-0.02

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

Do not extend this side of this line.

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

76P309S CE #310 5-66

Notes Ck'd by	Survey of Brown Cte Subdiv
Map No.	JN 002400 Tape 206 Std 84°F
Office Work	Surveyed by Ent Zarko
Checked	Notes 4CG Date 11/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 259

"D" LINE

STA D-3 to D-4

NORTH = PLUS (+)

SOUTH = MINUS (-)

2.00

STA D-4

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 11/17/69	2.00	0.00	0.00	-0.02	-0.02
✓ 2/2/70	2.00	0.00	0.00	+0.02	+0.04
✓ 5/8/70	2.00	0.00	0.00	0.00	-0.02
✓ 6/25/70	2.00	0.00	0.00	0.00	+0.00
✓ 3/10/70	2.00	0.00	0.00	-0.03	-0.03
✓ 3/10/70	2.00	0.00	0.00	-0.03	0.00
✓ 1/21/71	2.02	+0.02	+0.02	-0.03	0.00
✓ 1/18/71	2.02	+0.02	0.00	-0.02	+0.01
6/27/72	2.02	+0.02	0.00	-0.03	-0.01
✓ 1/15/73	2.00	0.00	-0.02	-0.02	+0.01
✓ 9/7/73	2.00	0.00	0.00	-0.05	-0.03
4/16/74	1.99	-0.01	-0.01	-0.05	0.00
10/8/74	1.99	-0.01	0.00	-0.06	-0.01
✓ 4-30-75	1.99	-0.01	0.00	-0.055	+0.005
✓ 9-17-75	1.99	-0.01	0.00	-0.08	-0.025
✓ 3/29/76	1.99	-0.01	0.00	-0.06	+0.02
✓ 3/28/77	2.00	0.00	+0.01	-0.07	-0.01
3/31/78	2.00	0.00	0.00	-0.09	-0.02

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

Do not extend this side of this line.

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

7653095 CE #310 5-66

Notes Ck'd by	Survey of Biscailuz Ch Sub	F.B. 2937 Pg. 261
Map No.	JN 008400 Tape 226 Std 84 °F	"D" LINE
Office Work	Surveyed by Guizado	STA D-5 to D-6
Checked	Notes ACG Date 4/69	
Date	Indexed D. J. GALLI NOV 25 '69	

NORTH = PLUS (+)
SOUTH = MINUS (−)

63.25

STA D-6

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 11/17/69	63.22	−0.03	−0.03	+0.02	+0.02
✓ 2/2/70	63.21	−0.04	−0.01	+0.01	−0.01
✓ 5/8/70	63.19	−0.06	−0.02	+0.02	+0.01
✓ 8/25/70	63.16	−0.09	−0.03	0.00	−0.02
✓ 12/22/70	63.14	−0.11	−0.02	−0.02	+0.02
✓ 3/25/71	63.14	−0.11	0.00	+0.01	+0.03
✓ 7/21/71	63.11	−0.14	−0.04	+0.02	+0.01
✓ 1/14/72	63.10	−0.15	−0.01	0.00	−0.02
6/27/72	63.07	−0.18	−0.03	−0.01⁵	−0.01⁵
✓ 2/15/73	63.08	−0.17	+0.01	+0.01⁵	+0.03
✓ 8/7/73	63.03	−0.22	−0.05	−0.02	−0.03⁵
4/16/74	63.00	−0.25	−0.03	−0.02	0.00
10/9/74	62.97	−0.28	−0.03	−0.03⁵	+0.01⁵
✓ 4-30-75	62.93	−0.32	−0.04	0.00	+0.03⁵
✓ 9-17-75	62.89	−0.36	−0.04	−0.05	−0.05
✓ 3/29/76	62.86	−0.39	−0.03	0.00	+0.05
✓ 3/22/77	62.81	−0.44	−0.05	+0.13	+0.13
3/31/78	62.73	−0.52	−0.08	−0.05	−0.18

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3095 CE #310 5-66

Profile No.	Notes Red	Plotted	Job No. 0084.00	Division No. 11	F. B. 2937 PG. 263
	Date	Date	Survey of Biscailuz Ctr. Subsidence CHECK		
X-Sec. No.	Notes Chk'd.	Checked	Survey by ACG	Notes ACG	Date 11/17/69
	Date	Date	Map No.	Indexed G. J. GALLI	Date NOV 25 '69

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 SUBSIDENCE
					RE-RUN OF BENCH
					LEVELS
					NOV 17, 1969
					Guizado
					West
					MOYA
					SYKES

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.			
		614 73					
B-3			10 12	✓604 61	B-3	FB2937-203	Lg Bt spk T&W
B-4			3 73	✓611 00	B-4	" 205	Ld & CE TAG
B-5			7 36	✓607 37	B-5	"	2" IP & Sm Bt spk in conc
B-6			6 67	✓608 06	B-6	"	"
TP	1 73	✓606 33	10 13	✓604 60			
C-3			0 76	✓606 07	C-3	" -204	Lg Bt spk T&W
C-4			1 44	✓604 89	C-4	" -206	Ld & CE TAG
C-5			10 33	✓596 00	C-5	"	2" IP & Sm Bt spk in conc
C-6			9 77	✓596 56	C-6	"	"
TP	0 37	595 47	11 23	✓595 10			
TP	0 26	588 80	6 93	✓588 54			
D-3			9 68	✓579 12	D-3	"	"
D-4			9 11	✓579 69	D-4	"	"
TP	0 51	578 07	11 24	✓577 56			
TP	0 44	567 16	11 35	✓566 72			
TP	0 25	556 18	11 23	✓555 93			
POT			10 73	✓545 45	POT	" -208	Spk & T
D-5			4 72	✓551 46	D-5	"	Lg Bt spk T&W
D-6			4 19	✓551 99	D-6	"	2" IP & Sm Bt spk in conc
D-7			3 60	✓552 58	D-7	"	"

Profile Notes Red ____ Plotted ____ Job No. 0084 00 Division No. 11 F.B. 2937 PG. 265
No. ____ Date ____ Date ____ Survey of Biscailuz Center Subsidence Check
X-Sec. Notes Chk'd H. HOLMAN Checked ____ Survey by ACG Notes ACG Date 11/17/69
No. ____ Date MAR 4 70 Date ____ Map No. ____ Indexed C. J. GALLI Date NOV 25 '69

Profile No.	Notes Red	Plotted	Job No. 0084.00	Division No. 11	F. B. 2937 Pg. 267
	Date	Date	Survey of SUBSIDENCE CHECK		
X-Sec. No.	Notes Ch'k'd. E. HOLMAN	Checked	Survey by ACG	Notes ACG	Date FEB 2, 1970
	Date MAR 4 70	Date	Map No.	Indexed C. J. GALLI	Date FEB 4 70

JOB NO 0084.00

BISCAILUZ CENTER RESERVOIRS

SUBSIDENCE CHECK

RE-RUN OF BENCH LEVELS

FEB 2, 1970

GUIZADO
MASSEY
WEST
SYKES

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.

STATION	B. S.	H. I.	F. S.	ELEV.		
		608 71				
C-4	4 91	609 8.0	3 82	604 89	C-4	FB2937 pg 206 Ld & CE TAG
C-3			3 72	606 08	C-3	" 204 Lg B/spk W&T
B-3	6 97	611 58	5 19	604 61	B-3	" 203 "
B-4			0 57	611 01	B-4	" 205 Ld & CE TAG
TP	0 87	605 76	6 69	604 89	TP	
C-5			9 81	595 95	C-5	" 206 2" IPF Sm B/spk in conc
C-6			9 20	596 56	C-6	" "
TP	1 89	596 70	10 95	594 81		
TP	0 26	586 09	10 87	585 83		
D-3			6 96	579 13	D-3	" "
D-4			6 39	579 70	D-4	" "
TP	1 10	576 31	10 88	575 21		
TP	0 30	566 07	10 54	565 77		
TP	0 62	555 80	10 89	555 18		
POT			10 39	545 41	POT	" 208 spk & T
D-5			4 38	551 42	D-5	" " Lg B/spk W&T
D-6			3 84	551 96	D-6	" " 2" IPF Sm B/spk in conc
D-7	11 31	563 86	3 25	552 55	D-7	" " "
C-7			5 88	557 98	C-7	" 209 Lg B/spk W&T
C-8			6 87	556 99	C-8	" 2" IPF Sm B/spk in conc

Profile Notes Red ____ Plotted ____ Job No. 2000 Division No. 11 F. B. 2937 Pg. 26
No. ____ Date ____ Date ____ Survey of Surveyed Check Notes Date 2-2-70
X-Sec. Notes Chk'd H. HOLMAN Checked ____ Survey by ACK Notes ACK
No. ____ Date MAR 4 70 Date ____ Map No. ____ Indexed C.G. GALLI Date FEB 4 70

Profile No. | Notes Red | Plotted | Job No. 0084.00 | Division No. 11 | F. B. 2937 Pg. 271
Date | Date | Survey of SUBSIDENCE CHECK
X-Sec. No. | Notes Chk'd. H. HOLMAN | Checked | Survey by ACG | Notes RGM | Date 5-11-70
Date | Date | Map No. | Indexed C. J. GALLI | Date MAY 13 70

JOB NO 0084.00

BISCAILUZ CENTER RESERVOIRS
SUBSIDENCE CHECK
RE-RUN OF BENCH LEVELS

MAY 11, 1970

MASSEY
GOBLE
WEST
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 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.			
		615 96					
A-5			2 91	613 05	A-5	FB2937-205	2" I.P.+SM BT SPK IN CONC
A-6			2 90	613 06	A-6	"	"
B-6	1 65	609 71	7 90	608 06	B-6	"	"
T.P.	1 70	599 62	11 79	597 92	TP		
C-5	2 79	598 73	3 68	595 94	C-5	" 206	"
C-6	1 45	598 01	2 17	596 56	C-6	" "	"
T.P.	1 17	587 69	11 49	586 52	TP		
D-3			8 57	579 12	D-3	" "	"
D-4			7 99	579 70	D-4	" "	"
T.P.	0 23	576 18	11 74	575 95			
T.P.	6 36	571 46	11 08	565 10			
P.I.#3			2 25	569 21	P.I.3	" 210	1" I.P.+C.E.TAG
A-7			4 15	567 31	A-7	" "	LG BT SPK W&T
A-8			5 41	566 05	A-8	" "	2" I.P.+SM.BT.SPK IN CONC.
A-9			4 59	566 87	A-9	" "	"
B-9			9 56	561 90	B-9	" 209	"
B-8			10 14	561 32	B-8	" "	"
B-7			8 78	562 68	B-7	" "	LG. BT. SPK W&T
T.P.	0 80	560 70	11 56	559 90			
C-7			2 76	557 94	C-7	" "	"

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0084.00 Division No. 11 F.B. 2937 Pg. 273
Date ____ Date ____ Survey of SUBSIDENCE CHECK
X-Sec. No. ____ Notes Chk'd. H. HOLMAN Checked ____ Survey by ACG Notes RCM Date 5-11-70
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date NOV 13 70

Profile No.	Notes Red	Plotted	Job No. 0084.00	Division No. 11	F. B. 2937	PG. 275
	Date	Date	Survey of Biscailuz Ctr. Subsidence Check			
X-Sec. No.	Notes Chk'd.	Checked	Survey by ACG	Notes	Date 8/26/70	
	Date	Date	Map No.	Indexed H. E. OTT	Date SEP 17 70	

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

JOB No 0084.00

Biscailuz Center Subsidence

Re-Run of Bench

Levels

August 26 1970

Guizado
Massey
West
Henderson

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.

STATION	B. S.	H. I.	F. S.	ELEV.			
	7 32	618 31		610 99			
A-5			5 28	613 03	A-5	F.B. 2937 - 205	2" I.P. & Sm Bt Spk in conc.
A-6			5 27	613 04	A-6	" "	"
B-5			10 96	607 35	B-5	" "	"
B-6	1 04	609 08	10 27	608 04	B-6	" "	"
T P	2 88	600 89	11 07	598 01			
C-5			4 97	595 92	C-5	" 206	"
C-6			4 35	596 54	C-6	" 206	"
T.P.	0 37	590 54	10 72	590 17			
D-4			10 86	579 68	D-4	" "	"
D-3	3 73	582 83	11 44	579 10	D-3	" "	"
T.P	0 89	572 27	11 45	571 38			
TP	0 58	561 56	11 29	560 98			
D-5	5 15	556 41	10 30	551 26	D-5	" 208	Lg Bt. Spk. T & W
POT			11 15	545 26	POT	" "	Spk & T
D-6			4 57	551 84	D-6	" "	2" I.P. & Sm. Bt Spk in Conc.
D-7			3 97	552 44	D-7	" "	"
T.P.	10 00	565 86	0 55	555 86			
C-8			8 95	556 91	C-8	" 209	"
C-9			7 10	558 76	C-9	" "	"
C-7			7 98	557 88	C-7	" "	Lg Bt. Spk. T & W

Profile Notes Red ____ Plotted ____ Job No. 0084 00 Division No. 11 F.B. 2937 Pg. 277
No. ____ Date ____ Date ____ Survey of Biscailuz Ctr. Subsidence Check
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ACG Notes RGM Date 8-26-70
No. ____ Date ____ Date ____ Map No. - Indexed H. E. OTT Date SEP 17 70

Profile No.	Notes Red	Plotted	Job No. 0084.00	Division No. 11	F. B. 2937	Pg. 279
	Date	Date	Survey of BISCAILUZ CTR SUBSIDENCE CHECK			
X-Sec. No.	Notes Chk'd.	Checked	Survey by ACG	Notes ACG	Date 12/22/71	
	Date	Date	Map No.	Indexed H. E. OT	Date DEC 31 '70	

JOB NO. 0084.00

BISCAILUZ CENTER SUBSIDENCE

RE RUN OF BENCH LEVELS

DEC 22 1970

GUIZADO
MASSEY
WEST
RODRIGUEZ

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.

STATION	B. S.	H. I.	F. S.	ELEV.		
		609 95		606 02		FB 2937-206 Ld & CE TAG
√C-4	1 50	606 31	5 14	604 81	C-4	" " 2" IP plug & Bt spk
√C-6			9 81	596 50	C-6	" " "
C-5			10 41	595 90	C-5	
T.P.	10 60	610 36	6 55	599 76		
B-6			2 39	607 97	B-6	" 205 "
B-5			3 05	607 31	B-5	" " "
T.P.	8 74	616 71	2 39	607 97		
√ A-6			3 74	612 97	A-6	" " "
√ A-5			3 73	612 98	A-5	" " "
T.P.	1 16	608 47	9 40	607 31		
T.P.	0 95	600 67	8 75	599 72		
T.P.	0 86	590 22	11 31	589 36		
D-3			11 17	579 05	D-3	" 206 "
D-4	0 40	580.00	10 62	579 60	D-4	" " "
T.P.	0 29	569 14	11 15	568 85		
T.P.	0 48	562 58	7 04	562 10		
D-5	4 59	555 67	11 50	551 08	D-5	" 208 Lg Bt spk T & W
P.O.T.			10 59	545 08	POT	" " spk & T
D-6 √			3 93	551 74	D-6	" " 2" IP plug & Sm Bt spk
D-7 √			3 38	552 29	D-7	" " "

Profile Notes Red ____ Plotted ____ Job No. 0084 00 Division No. " F.B. 2937 PG. 281
No. ____ Date ____ Date ____ Survey of Biscailuz Subsidence Check
X-Sec. Notes Chk'd. ____ Checked ____ Survey by AG Notes RM Date 12/22/70
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. O'T Date DEC 31 70

Profile No.	Notes Red	Plotted	Job No. 0084.00	Division No. 11	F. B. 2937	PG. 283
	Date	Date	Survey of Biscailuz ctr. Subsidence Check			
X-Sec. No.	Notes Chk'd.	Checked	Survey by ACG	Notes ACG	Date 3/26/71	
	Date	Date	Map No.	Indexed G.L. GALLI	Date APR 21 '71	

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 Subsidence

Rerun of Bench Levels

March 26, 1971

Guizado
Massey
West
Rodriguez RR

76-L-298 CE 307 5-66

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~~ CORR.	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM # 1	488.896		0		488.896	T.B.M. # 1 ELV 488.896
+	8 762					SPK IN CB.
⊼	497.658					
−	6 385					
TBM # 2	491.273	1	0		491.273	TBM # 2 ELEV. 491.283
+	9 231					SPK IN CB.
⊼	500.504					
−	1 226					
TP	499.278					
+	11 468					
⊼	510.746					
−	0 493					
TP	510 253					
+	10 762					
⊼	521.015					
−	1 008					
TP	520 007					
+	10 043					
⊼	530 050					
−	0 274					
TP	529.776					
+	11 054					
⊼	540 830					
−	0 524					
TP	540.306					
+	11 244					
⊼	551.550					
−	1 212					
TP	550.338					

NOTES RED _____ JOB NO. 88405 SURVEY OF BISCAILUZ CTR.
DATE 10-22 SURVEY BY A.C. GUIZADO
NOTES CHKD. [illegible] NOTES BY ACG DATE 10-22-62
DATE 10/30/62 INDEXED B. J. GALLI DATE

F.B. 2937 PG. 167

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

JOB NO. 08405 SURVEY OF BLSCALIUZ CTR. NOTES RED. DATE 10-22-62
SURVEY BY A. C. GOIZADO NOTES CHKD. JTM
NOTES BY ACG DATE 10-22-62 DATE 10/30/62
INDEXED C. J. GALLI DATE

F.B. 2973 Pg. 18

B.M.	1ST RUN	~~DIFF.~~ ↑	~~2ND RUN~~ CORR.	3RD RUN	ADJ. ELEV.	DESCRIPTION					
TP	550338										
+	9807										
π	560145										
−	4139										
TP	556006										
+	8870										
π	564876										
−	1072										
A-1	563.804	8	0		563.804	Sta	A-1		C.E.	BM	MON.
+	3070										
π	566874										
−	6245										
A-2	560.629	1	0		560.629	"	A-2			"	
+	11246										
π	571.875										
−	0408										
TP	571.467										
+	4303										
π	575770										
−	6654										
A-3	569.116	2	0		569.116	"	A-3			"	
+	2702										
π	571.818										
−	9177										
A-4	562.641	1	0		562.641	"	A-4			"	
+	1802										
π	564443										
−	9286										
A-5	555.157	1	0		555.157	"	A-5			"	

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~~ CORR.	3RD RUN	ADJ. ELEV.	DESCRIPTION					
A-5	555.157		0		555.157	STA	A-5		C.E. BM	MON	
+	4.883										
⊼	560.040										
−	8.987										
A-6	551.053	1	0		551.053	"	A-6			"	
+	5.967										
⊼	557.020										
−	8.874										
A-7	548.146	1	-.001		548.145	"	A-7			"	
+	1.939										
⊼	550.085										
−	10.807										
TP	539.278										
+	0.649										
⊼	539.927										
−	6.189										
A-8	533.738	2	-.001		533.737	"	A-8			"	
+	1.151										
⊼	534.889										
−	10.810										
TP	524.079										
+	0.608										
⊼	524.687										
−	11.682										
TP	513.005										
+	0.584										
⊼	513.589										
−	10.772										
TP	502.817										

NOTES RED ____ JOB NO. 0084.05 SURVEY OF BISCUILUZ CTR
DATE 10-22-62 SURVEY BY A. C. GUIZADO
NOTES CHKD. WJM NOTES BY ACG DATE 10-22-62
DATE 10/30/62 INDEXED C. J. GALLI DATE

F.B. 2933 PG. 169

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

JOB NO. 00A2.05 SURVEY OF Discovery Ctr. NOTES RED: DATE 10-22-62
SURVEY BY A. C. Guizado NOTES CHKD. [illegible]
NOTES BY ACG DATE 10-22-62 DATE 11/30/62
INDEXED C. J. GALLI DATE

F. B. 2977 PG. 170

B.M.	1ST RUN	~~DIFF.~~ 18	~~2ND RUN~~ CORR.	3RD RUN	ADJ. ELEV.	DESCRIPTION			
TP	502.817								
+	4673								
π	507.490								
−	7 404								
A-9	500.086	4	-.001		500.085	Sta	A-9	CE BM	MON
+	1612								
π	501 698								
−	9874								
TP	491.824								
+	0290								
π	492.114								
−	9320								
A-10	482.794	2	-.001		482.793	"	A-10	"	
+	1531								
π	484.325								
−	10 528								
TP	473 797								
+	1822								
π	475.619								
−	8 531								
A-11	467 088	2	-.001		467.087	"	A-11	"	
+	4 602								
π	471 690								
−	6 622								
A-12	465 068	1	-.001		465.067	"	A-12	"	
+	4973								
π	470 041								
−	5167								
TP	464 874								

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.~~ π	~~2ND RUN~~ Corr.	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	464.874					
+	7397					
π	472271					
−	0725					
TP	471546					
+	3308					
π	474854					
−	4224					
TBM#3	470630	3	−.001		470.629	TBM #3 ELEV 470.624 Bt SPK
+	4393					
π	475023					
−	4181					
TBM#4	470.842	1	−0.001		470.841	TBM #4 ELEV = 470.841 L&T
		S= 31				
A-12	465068		−.001		465.067	Sta A-12 ~~FIELD~~ Adj. ELEV = 465.067 (Oct. 62) CEBM MON
+	1473					
π	466541					
−	11917					
TP	454624					
+	0485					
π	455.109					
−	10318					
TP	444.791					
+	0570					
π	445361					
−	9464					
BM	435897	3	−0−		435.897	BM (UPPER) CEBM MON
						SEE FB 2700 pg 116

NOTES RED ____ JOB NO 008405 SURVEY OF Biscailuz Ctr
DATE ____ SURVEY BY A.C. Guizado
NOTES CHKD [illegible] NOTES BY ACG DATE 10-22-62
DATE 10/30/62 INDEXED [illegible] GALLI DATE

F.B. 2937 PG. 171

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~~ CORR.	3RD RUN	ADJ. ELEV.	DESCRIPTION					
BM	435.897	✓	0		435.897	BM			CE. BM MON		
+	2.092										
⊼	437.989										
−	11.538										
TP	426.451										
+	0.788										
⊼	427.239										
−	10.623										
TP	416.616										
+	0.501										
⊼	417.117										
−	11.970										
TP	405.147										
+	0.228										
⊼	405.375										
−	10.535										
TP	394.840										
+	0.338										
⊼	395.178										
−	10.094										
TP	385.084										
+	1.137										
⊼	386.221										
−	11.072										
TP	375.149										
+	1.308										
⊼	376.457										
−	10.755										
TP	365.702	✓									

F.B. 2937 PG. 172

JOB NO. 008405 SURVEY OF Biscailuz Ctr NOTES RED.
SURVEY BY AC GUIZADO DATE
NOTES BY ACG DATE 10-22-62 NOTES CHKD. [illegible] DATE 10/30/62
INDEXED B. J. GALLI DATE

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.~~ π	~~2ND RUN~~ CORR	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	365.702					
+	1 162					
π	366.864					
−	11 078					
TP	355.786					
+	1 316					
π	357 102					
−	8.502					
BM	348 600	9	+.002		348.602	BM (LOWER) CE BM MON
+	10 485					SEE FB 2700 - 114
π	359.085					
−	0 802					
TP	358 283					
+	10 733					
π	369 016					
−	1 243					
TP	367 773					
+	11 253					
π	379.026					
−	0 268					
TP	378.758					
+	11 435					
π	390.193					
−	0 328					
TP	389.865					
+	11.190					
π	401.055					
−	0.390					
TP	400.665					

NOTES RED ____ JOB NO. 008405 SURVEY OF Biscailuz Ctr
DATE ____ SURVEY BY A.C. Guizado
NOTES CHKD [illegible] NOTES BY ACG DATE 10-22-62
DATE 10/30/62 INDEXED [illegible] J. GALLI DATE ____

F. B. 2937 PG. 173

F.B. 2937 PG. 174

JOB NO. 008405 SURVEY OF Biscailuz dr

SURVEY BY ACG WIZARDO

NOTES BY ACG DATE 10-22-62

INDEXED B. J. GALLI DATE

NOTES RED. DATE

NOTES CHKD [illegible] DATE 10/30/62

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~~ CORR.	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	400.665					
+	11 307					
⊼	411 972					
−	0 534					
TP	411.438					
+	11 333					
⊼	422.771					
−	0653					
TP	422.118					
+	11 605					
⊼	433 723					
−	0 504					
TP	433.219					
+	11 723					
⊼	444.942					
−	0758					
TP	444 184					
+	10 963					
⊼	455 147					
−	0 673					
TP	454 474					
+	10 453					
⊼	464 927					
−	1 498					
TP	463 429					
+	7 418					
⊼	470 847					
−	5 784					
A-12	465 063	✓ 12 Σ = 24	+.004		465.067	Sta A12 Adj Field Elev = 465.067 (Oct 62) CEBM MON

NOTES RED. JOB NO 0084.05 SURVEY OF Biscailuz Ctr. F. B. 2937 PG. 175
DATE SURVEY BY A.C. Guizado
NOTES CHKD. NOTES BY ACG DATE 1-25-63
DATE INDEXED G. J. GALLI DATE JAN 30 '80

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
JOB NO 0084.05						
Biscailuz Center						
Subsidence						
Re-Run of Levels over						
Control Line "A"						
1-25-63						
				GUIZADO A.C.		
				SMITH R.D.		
				GLIDDEN R.D.		
				LYBRAND J		
				GUIZADO G.O.		

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~~ Corr.	ADJ. ELEV.	DESCRIPTION
TBM #1	488.896 ✓			0	488.896	TBM #1 Bt. spk in cb ✓
+	9.270					ELEV - 488.896
π	498.166	+8.588				E City TERRACE DR & N ROLLINS DR SW COR
−	0.682					
TP	497.484					
+	10.696					
π	508.180	+10.334				
−	0.362					
TP	507.818					
+	10.137					
π	517.955	+9.967				
−	0.170					
TP	517.785					
+	10.661					
π	528.446	+10.093				
−	0.568					
TP	527.878					
+	10.653					
π	538.531	+10.119				
−	0.534					
TP	537.997					
+	11.844					
π	549.841	+11.052				
−	0.792					
TP	549.049					
+	10.552					
π	559.601	+7.137				
−	3.415					
TP	556.186 ✓					

F.B. 2937 PG. 176

JOB NO. 0084 05 SURVEY OF Biscailuz Cte NOTES RED.
SURVEY BY A.C. GUIZADO DATE
NOTES BY ACG DATE 1-25-63 NOTES CHKD. NZ
INDEXED DATE DATE 1/30/63

765420 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

NOTES RED _____ JOB NO. 0084 05 SURVEY OF Rosemead Blvd
DATE _____ SURVEY BY A.C. Guirado DATE 1-25-63
NOTES CHKD. [illegible] NOTES BY A.C. G
DATE 1/30/63 INDEXED E. J. GALLI DATE

F. B. 2937 PG. 177

B.M.	1ST RUN	DIFF.	~~2ND RUN~~	~~3RD RUN~~ Cor.	ADJ. ELEV.	DESCRIPTION					
TP	556.186										
+	5.742										
π	561.928	+1.677									
−	4.065										
TP	557.863										
+	10.381										
π	568.244	+5.917									
−	4.467										
A-1	563.777		9	+.007	563.784	STA	A-1		CE. BM	NON	
+	4.602										
π	568.379	−3.177									
−	7.779										
A-2	560.600		1	+.008	560.608	STA	A-2			"	
+	11.635										
π	572.235	+8.455									
−	3.180										
A-3	569.055		1	+.009	569.064	STA	A-3			"	
+	1.872										
π	570.927	−6.532									
−	8.404										
A-4	562.523		1	+.010	562.533	STA	A-4			"	
+	1.710										
π	564.233	−7.464									
−	9.184										
A-5	555.049		1	+.011	555.060	STA	A-5			"	
+	4.810										
π	559.859	−4.233									
−	9.043										
A-6	550.816		1	+.012	550.828	STA	A-6			"	

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~~ Corr.	ADJ. ELEV.	DESCRIPTION				
A-6	550.816	✓				STA	A-6	CE	BM	MON
+	7.483									
π	558.299	-2.870								
−	10.353									
A-7	547.946	✓	1	+.012	547.958	"	A-7		"	
+	1.932									
π	549.878	-9.043								
−	10.975									
TP	538.903									
+	0.085									
π	538.988	-5.355								
−	5.440									
A-8	533.548	✓	2	+.014	533.562	STA	A-8		"	
+	1.871									
π	535.419	-9.262								
−	11.133									
TP	524.286									
+	0.845									
π	525.131	-9.612								
−	10.457									
TP	514.674									
+	1.620									
π	516.294	-9.883								
−	11.503									
TP	504.791									
+	0.682									
π	505.473	-4.793								
−	5.475									
A-9	499.998	✓	4	+.017	500.015	STA	A-9	CE	MON	

F.B. 2937 PG. 178

JOB NO. 0084-05 SURVEY OF Biscailuz Ctr
SURVEY BY A.C. Guizado
NOTES BY ACG DATE 1-25-63
INDEXED [illegible] DATE
NOTES RED. DATE
NOTES CHKD. [illegible] DATE 1/30/63

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~~ Corr.	ADJ. ELEV.	DESCRIPTION				
A-9	499.998	✓				STA	A-9		CE.	MON
+	1.462									
π	501.460	-9.792								
−	11.254									
TP	490.206									
+	0.657									
π	490.863	-7.493								
−	8.150									
A-10	482.713	✓	2	+.019	482.732	STA	A-10			"
+	1.878									
π	484.591	-9.647								
−	11.525									
TP	473.066									
+	1.006									
π	474.072	-8.042								
−	9.048									
A-12	465.024	✓	2	+.021	465.045	STA	A-12			"
+	4.755							(Adj Elev = 465.045)		
π	469.779	+0.340								
−	4.415									
TP	465.364									
+	3.867									
π	469.231	+3.197								
−	0.670									
TP	468.561									
+	5.838									
π	474.399	+2.041								
−	3.797									
TBM # 3	470.602	✓	3	+.023	470.625	TBM #3	BH. SPK	ELEV = 470.624 ✓		

NOTES RED _____ JOB NO 0084 US SURVEY OF Bisco 1/62 GP
DATE _____ SURVEY BY A.C. Bulgado
NOTES CHKD WZ NOTES BY ACB DATE 1-25-63
DATE 1/30/63 INDEXED E. J. GALLI DATE

F.B. 2937 PG. 179

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~~ Corr.	ADJ. ELEV.	DESCRIPTION
TBM #3	470.602 ✓					
+	5.967					
⊼	476.569	+0.215				
−	5.752					
TBM #4	470.817 ✓		1	+.024	470.841	TBM #4 LET ELEV = 470.841 ✓
			Σ = 29			
A-12	465.024 ✓			+.021	465.045	ATA A-12 Field ELEV = 465.024 ✓
+	1.340					see pg 179
⊼	466.364	−8.440				
−	9.780					
TP	456.584					
+	1.549					
⊼	458.133	−9.720				
−	11.269					
TP	446.864					
+	1.463					
⊼	448.327	−5.943				
−	7.407					
TP	440.920					
+	2.524					
⊼	443.444	−5.026				
−	7.550					
BM	435.894 ✓		4	+.005	435.899	BM (upper) CEMON
+	3.197					SEE FB 2700 pg 116 Adj 435.880
⊼	439.091	−5.952				
−	9.149					
TP	429.942					

NOTES RED. DATE
NOTES CHKD. [illegible] DATE 1/30/63
JOB NO. 0084 05 SURVEY OF Biscailuz CTR
SURVEY BY A.C. Guisado DATE 1-25-63
NOTES BY ACG DATE
INDEXED [illegible] DATE
F.B. 2937 PG. 180

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	429.942					
+	1.375					
⊼	431.317	-9.330				
−	10.705					
TP	420.612					
+	1.476					
⊼	422.088	-10.093				
−	11.569					
TP	410.519					
+	1.232					
⊼	411.751	-10.444				
−	11.676					
TP	400.075					
+	0.805					
⊼	400.880	-10.325				
−	11.130					
TP	389.750					
+	0.983					
⊼	390.733	-9.683				
−	10.666					
TP	380.067					
+	1.411					
⊼	381.478	-10.314				
−	11.725					
TP	369.753					
+	0.839					
⊼	370.592	-10.503				
−	11.342					
TP	359.250					

NOTES RED ____ JOB NO. 0084 05 SURVEY OF Biscailuz Cir.
DATE ____ SURVEY BY A.C. Guizado
NOTES CHKD. [illegible] NOTES BY A.C.G. DATE 1-25-63
DATE 1/30/63 INDEXED [illegible] DATE

F.B. 2937 PG. 181

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~~ Com	ADJ. ELEV.	DESCRIPTION
TP	359.250					
+	0469					
⊼	359.719	-10636				
−	11105					
(13) Fd BM	348.614		9	-.030	348.584	BM (LOWER) CEMON
+	0888					SEE F13.2700-114 Adj 348.568
⊼	349.502	-10.655				
−	11.543					
TP	337.959					
+	2108					
(12) ⊼	340.067	-4.664				235 ft ± 16 ±
−	6.772					
SET TBM#10	333.295		2	-.038	333.~~295~~ 257	TBM#10 Adj 333.242
+	1.097					McBRIDE AVE & 0.10 MI No. of
⊼	334.392	-10.933				BLANCHARD ST, SET BT spk in
−	11.030					E. cb. 16 ± So. of No. End of
TP	323.362					conc cb., 235 ± ft No. of TBM#11
+	1.302					
⊼	324.664	-6.253				
−	7.555					
SET TBM#11	317.109		2	-.046	317.063	TBM#11 Adj 317.048
+	1.364					N. McBRIDE AVE & 0.10 MI. No. of
⊼	318.473	+8.086				E. BLANCHARD ST. SET BT spk in
−	9.450					SE cor of catch. Basin in W. SIDE
TP	309.023					of st.
+	1.377					
⊼	310.400	-7.132				
−	8509					
TP	301.891					

NOTES RED. DATE
NOTES CHKD. [illegible] DATE 1/30/63
JOB NO. 0084 05 SURVEY OF Biscailuz Ctr
SURVEY BY A.C. Guizado DATE 1-25-63
NOTES BY ACG DATE
INDEXED DATE

F.B. 2937 PG. 182

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

B.M.	1ST RUN	DIFF.	2ND RUN	~~3RD RUN~~ Corr.	ADJ. ELEV.	DESCRIPTION
TP	301.891					
+	2.095					
⊼	303.986	-2.412				
−	4.507					
TP	299.479					
+	10.760					
⊼	310.239	+8.330				
−	2.430					
TP	307.809					
+	6.840					
⊼	314.649	+5.630				
−	1.210					
TP	313.439					
+	10.831					
⊼	324.270	+9.969				
−	0.862					
TP	323.408					
+	11.367					
⊼	334.775	+5.522				
−	5.845					
TP	328.930					
+	5.797					
⊼	334.727	-2.128				
−	7.925					
BM61-2	326.802		8 / 2.25	-.068	326.734	BM61-2 ELEV = 326.734
+	0.911		0.933			EASTERN AVE & E. BLANchard st.
⊼	327.713	-10.211	-10.216			SEE FB 2863-9 FOR DESC.
−	11.122		11.149			
TP	316.591					

NOTES RED. ____ JOB NO. 0084-05 SURVEY OF Biscailuz ctr
DATE ____ SURVEY BY AC Guizado
NOTES CHKD. [illegible] NOTES BY ACG DATE 1-25-63
DATE 1/30/63 INDEXED [illegible] DATE

F. B. 2937 PG. 183

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	316.591					
+	0.020		0.563			
π	316.611	-11.063	-11.066			
−	11.083		11.629			
TP	305.528					
+	0.157		0.305	0.352		
π	305.685	-10.611	-10.640	-10.638		
−	10.768		10.945	10.990		
TP	294.917					
+	0.508		0.454			
π	295.425	-7.255	-7.256			
−	7.763		7.710			
TP	287.662					
+	4.983		4.885			
π	292.645	-1.661	-1.665			
−	6.644		6.550			
61-1	~~286.001~~ R					
	(corr* 285.966)					

(285.882)

BM 61-1 ELEV = 285.882 NE COR
NEASTERN AVE & E FLORAL DR
SEE FB 2863-9 FOR DESC
Bt spk in cb.

-10.2135
11.0645
10.6390
7.2555
1.6630
40.8355

FIELD ELEV =
BM 61-2 326.802
− 40.836
BM 61-1 285.966
FIELD ELEV =

JOB NO. 0084 00 SURVEY OF Biscailuz Ctr NOTES RED.
SURVEY BY A.C. Guizado DATE
NOTES BY ACG DATE 1-28-63 NOTES CHKD. [illegible]
INDEXED DATE DATE 1/30/63

F.B. 2937 PG. 184

NOTES RED. JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR. F.B. 2937 PG. 185
DATE SURVEY BY AC GUIZADO
NOTES CHKD. NOTES BY R.D.S. DATE 2-27-63
DATE INDEXED E. J. GAILL DATE MAR 6 '63

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
JOB NO. 0084.05						
BISCAILUZ CENTER SUBSIDENCE						
RE-RUN OF BENCH LEVELS						
OVER CONTROL LINE "A"						
FEB 27, 1963						
			Guizado AC			
			Smith RD			
			Glidden RD			
			Guizado GO			

768420 S & E-353 9-55

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~~ Corr.	ADJ. ELEV.	DESCRIPTION
TBM #1	488 896				488.896	
+	7 103					TBM #1 ELEV. 488.896
⊼	495 999					N. ROLLINS & E CITY TERRACE
−	4 727					S.W. COR BT. SPK. IN Cb. Ho #4430
TBM #2	491 272	1		+.001	491.273	TBM #2 ELEV. 491.283
+	9 711					N. ROLLINS & E. CITY TERRACE
⊼	500 983					N.W. COR. BT SPK IN NO. cb.
−	0 419					HOUSE # 4431 PER Pg 86.
T.P	500 569					
+	11 347					
⊼	511 916					
−	0 419					
T.P	511 497					
+	11 642					
⊼	523 139					
−	0 201					
T.P	522 938					
+	11 961					
⊼	534 899					
−	0 210					
T.P	534 689					
+	11 938					
⊼	546 627					
−	0 270					
T.P	546 357					
+	11 969					
⊼	558 326					
−	2 568					
T.P	555 758					

JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR NOTES RED.
SURVEY BY A.C. GUIZADO DATE
NOTES BY R.D.S. DATE 2-27-63 NOTES CHKD. [illegible]
INDEXED E.J. GALLI DATE DATE 3/7/63

F.B. 2937 PG. 186

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.~~ Δ	2ND RUN	~~3RD RUN~~ Corr	ADJ. ELEV.	DESCRIPTION				
T.P.	555 758									
+	6 611									
π	562 369									
−	3 738									
T.P.	558 631									
+	8 735									
π	567 366									
−	3 585									
A-1	563 781	8		+.007	563.788	STA.	A-1	C.E. MON.		563.789
+	3 045									
π	566 826									
−	6 208									
A-2	560 618	1		+.008	560.626	"	A-2	"		560.626 "
+	11 908									
π	572 526									
−	3 479									
A-3	569 047	1		+.009	569.056	"	A-3	"		569.056 "
+	2 941									
π	571 988									
−	9 488									
A-4	562 500	1		+.010	562.510	"	A-4	"		562.510 "
+	2 907									
π	565 407					"				
−	10 380									
A-5	555 027	1		+.011	555.038	"	A-5	"		555.038 "
+	5 471									
π	560 498									
−	9 750									
A-6	550 748	1		+.012	550.760	"	A-6	"		550.760 "

NOTES RED ____ JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR
DATE ____ SURVEY BY A.C. GUIZADO
NOTES CHKD [signature] NOTES BY R.D.S. DATE 2-27-63
DATE 3/7/63 INDEXED C. J. GALLI DATE ____

F.B. 2937 PG. 187

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

JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR
SURVEY BY A. C. QUIZADO
NOTES BY R.D.S. DATE 2-27-63
INDEXED C. J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE 3/7/63
F.B. 2937 PG. 186

B.M.	1ST RUN	~~DIFF.~~	2ND RUN	~~3RD RUN~~ COM.	ADJ. ELEV.	DESCRIPTION				
A-6	550 748					STA	A-6		C.E	MON
+	6 774									
π	557522									
−	9 627									
A-7	547895	1		+.012	547.907	"	A-7		"	547.908 "
+	1661									
π	549556									
−	10 032									
T.P	539524									
+	1811									
π	541335									
−	7825									533.524
A-8	533510	2		+.014	533.524	"	A-8		"	"
+	1720									
π	535230									
−	11 068									
T.P.	524162									
+	0591									
π	524753									
−	11 520									
T.P	513233									
+	0423									
π	513656									
−	11 766									
T.P.	501890									
+	5821									
π	507711									
−	7715									500.014
A-9	499996	4		+.017	500.013 ~~499.~~	"	A-9		"	"

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~~ Com	ADJ. ELEV.	DESCRIPTION					
A-9	499 996					STA	A-9		C.E	MON	
+	1 283										
⊼	501 279										
−	11 331										
T.P	489 948										
+	1 083										
⊼	491 031										
−	8 322									482 728	
A-10	482 709	2		+.019	482.728	"	A-10		"	"	
+	1 051										
⊼	483 760						NOTE: A-11 UNDER FILL.				
−	10 668										
T.P.	473 092										
+	0 617										
⊼	473 709										
−	8 693									465,036	
A-12	465 016	2		+.021	465.037	"	A-12		"	"	
+	5 008										
⊼	470 024										
−	4 682										
T.P	465 342										
+	4 708										
⊼	470 050										
−	2 684										
T.P.	467 366										
+	7 386										
⊼	474 752										
−	4 149										
TBM #3	470603	3		+.023	470.626	BT. SPK ELEV ADJ 470.625 4					

NOTES RED ____ JOB NO. 0084.05 SURVEY OF BISCAILUZ CTR
DATE ____ SURVEY BY A.C. GUIZADO
NOTES CHKD [illegible] NOTES BY R.D. SMITH DATE 2-27-63
DATE 3/7/63 INDEXED C. J. GALLI DATE

F.B. 2937 PG. 189

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~~ Corr.	ADJ. ELEV.	DESCRIPTION
TBM #3	470 603					BT. SPK
+	6 633					
⊼	477236					
−	6 419					
TBM #4	470817	Σ = 29		+.024	470.841	L+T ELEV. ADJ = 470.841
A-12	465 016	★ START SIDE LINE			465.037	★ A-12 FIELD ELEV. = 465.016
+	2 118	+.021	465.037	~~+.021~~		(SEE Pg #189)
⊼	467134					2/27/63 — Adj Elev. = 465.037
−	11 589					
T.P.	455545					
+	0 611					
⊼	456156					
−	11 643					
T.P	444513					
+	0847					
⊼	445360					
−	9 470					
B.M. UPPER	435890	3	435.911	−.006	435.905	BM. (UPPER) C.E. MON.
+	2 190					SEE F.B. 2700 P 116
⊼	438080					ADJ ELEV = 435.899
−	11 421					PER pg 180
T.P.	426659					
+	1 002					
⊼	427661					
−	11 993					
T.P	415668					
+	0 426					
⊼	416094					
−	11 286					
T.P	404808					

JOB NO. 00 84 05 SURVEY OF BISCAILUZ CTR NOTES RED.
SURVEY BY A.C. QUIZADO DATE
NOTES BY R.D.S. DATE 2-27-63 NOTES CHKD. [illegible] DATE 3/7/63
INDEXED E. J. GALLI DATE

F.B. 293 Pg. 190

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~~ Prel. Elev.	~~3rd RUN~~ Corr.	ADJ. ELEV.	DESCRIPTION
T.P.	404 808					
+	0 636					
Σ	405444					
−	11 978					
T.P.	393466					
+	0 698					
Σ	394164					
−	11 680					
T.P.	382484					
+	0 988					
Σ	383472					
−	11 143					
T.P.	372329					
+	0 806					
Σ	373135					
−	11 794					
T.P.	361341					
+	0 534					
Σ	361875					
−	11 550					
T.P.	350325					
+	1 358					
Σ	351683					
−	3 115					
BM LOWER	348568	9	348.589	-.024	348.565	BM. (LOWER) C.E. MON. ELEV. ADJ 348.584 per pg 182 SEE F.B. 2700-114
+	0 563					
Σ	349131					
−	9 969					
T.P.	339162					

NOTES RED _____ JOB NO 2084.05 SURVEY OF BISCAILUZ CTR.
DATE _____ SURVEY BY A.C. GUIZADO DATE 2-27-63
NOTES CHKD. [illegible] NOTES BY R.P.S.
DATE 3/7/63 INDEXED C.J. GALLI DATE

F.B. 2737 PG. 191

NOTES RED. JOB NO. 008405 SURVEY OF BISCAILUZ CN. SUB. F.B. 2937 PG. 193
DATE SURVEY BY C. K. LIND
NOTES CHKD. NOTES BY LIND DATE 7-1-63
DATE INDEXED R. J. CALLI DATE JUL 9 '63

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
900 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

DESCRIPTION	JN. 008405
	BISCAILUZ CENTER SUBSIDENCE
	RE-RUN OF LEVELS
	OVER
ADJ. ELEV.	CONTROL LINE "A"
3RD RUN	
2ND RUN	7-1-63
	LIND
DIFF.	MALDONADO
	MARTINEZ
1ST RUN	OHASHI
	ALVAREZ
B.M.	

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~~ Prel. Elev	3RD RUN Corr.	ADJ. ELEV.	DESCRIPTION
T.P	339162					
+	1340					
⊼	340502					
−	7228					
TBM #10	333274	2	333.253	-.028	333.246 (245)	BT. SPK McBRIDE AVE & 0.10 MI NO OF BLANCHARD ST IN CONC CB. ADJ ELEV. 333.257 per pg 182
+	0683					
⊼	333957					
−	8800					
T.P	325157					
+	0973					
⊼	326130					
−	9056					
TBM #11	317074	2 Σ=16	317.095	-.032	317.063	BT. SPK N. McBRIDE AVE 0.10 MI NO. OF BLANCHARD ST. IN CONC CATCH BASIN ADJ ELEV. 317.063 per pg 182

JOB NO. 0084.05 SURVEY OF BISCUILUZ CTR NOTES RED.
SURVEY BY A.C. GUIZADO DATE
NOTES BY R.D.S. DATE 2-27-63 NOTES CHKD. [illegible]
INDEXED R. J. GALLI DATE DATE 5/7/63

F. B. 2937 PG. 142

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~~ MN RUN Corr	ADJ. ELEV.	DESCRIPTION
T.P.	543972					
+	10678		10768			
π	554650	+9.959	+9.959	(9)		
-	0719		0809			
T.P.	553931					
+	6876		6952			
π	560807	+3668	+3671			
-	3208		3281			
T.P.	557599					
+	6319		6411			
π	563918	+3016	+3013			
-	3303		3398	-.006'		
A-2	560615		560.606	560.610'	560.604'	
+	10859		11.012			
π	571474	+9.969	+9.966			
-	0890		1.046			
T.P.	570584			(2)		
+	2779		2630			
π	573363	-8.220	-8219			
-	10999		10849	-.008'		
A-4	562364		562.353	562.358'	562.350'	
+	2850		2990			
π	565214	-7.450	-7451	(1)		
-	10300		10441	-.008'		
A-5	554914		554.902	554.908'	554.900'	
+	2058		1842			
π	556972	-9.357	-9.356			
-	11415		11.198			
T.P.	545557					

NOTES RED ____ JOB NO. 0084.05 SURVEY OF Biscailuz Ctr. Sub.
DATE ____ SURVEY BY Cok Lind
NOTES CHKD [illegible] NOTES BY Lind DATE 7-1-63
DATE 7/10/63 INDEXED [redacted] DATE

F.B. 2937 PG. 195

765420 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~~ MIN RUN CORR	ADJ. ELEV.	DESCRIPTION			
TBM #1	488.896		488.896	488.896	488.896	TBM #1	EL=	488.896	
+	6.822		2944						
π	495.718	+2.381	+2.378	(1)					
-	4.441		4566	-.001					
TBM #2	491.277		491.274	491.274	491.273	TBM #2	EL=	491.283	
+	6.959		7042						
π	498236	+5909	+5906						
-	1050		1136						
T.P.	497.186								
+	8.347		8410						
π	505533	+7.084	+7082						
-	1263		1328						
T.P.	504270								
+	10149		10219						
π	514419	+9.857	+9.856						
-	0.292		0363						
T.P.	514.127								
+	10.343		10443						
π	524470	+10.160	+10.162						
-	0.183		0.281						
T.P.	524287								
+	10.128		10221						
π	534415	+9.745	+9.742						
-	0383		0479						
T.P.	534032								
+	10.648		10767						
π	544730	+9.940	+9.941						
-	0758		0826						
T.P.	543972								

JOB NO. 0084.05 SURVEY OF Biscailuz Center Landslide NOTES RED.
SURVEY BY Lind DATE
NOTES BY Lind DATE 7-1-63 NOTES CHKD. [illegible]
INDEXED R. J. GAIII DATE 7/10/63

F.B. 2937 PG. 194

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~~ MN RUN Corr.	ADJ. ELEV.	DESCRIPTION
A-10	482591		482.574	482.582 -.013	482.569	
+	2551		2313			
π	485142	-9038	-9037			
-	11589		11350			
T.P.	473553					
+	1039		1058			
π	474592	-7.290	-7.291			
-	8329		8349	(4)		
T.P.	466263					
+	3492		3392			
π	469755	+0.581	+0579			
-	2911		2813			
T.P.	466844					
+	7355		7440			
π	474199	+3805	+3807			
-	3550		3633			
TBM #3	470649		470.631	470.640 -.0161	470.624	TBM #3 EL= 470.624 F.B. 2937-90

$\Sigma\pi = (25)$

NOTE: TBM # 4

DESTROYED BY CONSTRUCTION WORK.

7-1-63 C.K. LIND

NOTES RED ____ JOB NO. 0084.05 SURVEY OF Biscailuz Ctr. Sub.
DATE ____ SURVEY BY C.K. LIND
NOTES CHKD [illegible] NOTES BY LIND DATE 7-1-63
DATE 7/10/63 INDEXED [illegible] DATE ____

F.B. 2937 PG. 147

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~~ Mn RUN Corr	ADJ. ELEV.	DESCRIPTION
T.P.	545.557					
+	1.130		1.083			
π	546 687	-8.880	-8885			
-	10.010		9.968			
T.P.	536 677					
+	0900		1040			
π	537577	-10.759	-10.762			
-	11659		11802			
T.P.	525918					
+	0983		0840			
π	526901	-10.317	-10314			
-	11300		11154	(8)		
T.P.	515601					
+	1103		1.002			
π	516704	-9.825	-9.828			
-	10928		10830			
T.P.	505776					
+	1170		1138			
π	506946	-9.451	-9.452			
-	10621		10590			
T.P.	496325					
+	1544		1477			
π	497869	-10.274	-10.270			
-	11818		11747			
T.P.	486051					
+	7873		7718			
π	493924	-3460	-3461			
-	11333		11.179	-.013		
A-10	482591		482.574	482.582	482.569	

JOB NO. 0034.05 SURVEY OF Biscailuz Gr. Sub. NOTES RED
SURVEY BY LIND DATE
NOTES BY LIND DATE 7-1-63 NOTES CHKD [illegible]
INDEXED C. J. GAIN DATE DATE 7/10/63

F.B. 7937 PG. 196

Notes Ck'd by H. HOLMAN	Survey of
Map No.	JN Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed H E OTT SEP 1 7 70

F.B. 2937 Pg. 201

JOB NO 0084.00

BISCAILUZ CENTER
WATER RESERVOIR
SUBSIDENCE CHECK
AUGUST 7, 1969

GUIZADO
MOODY
WEST
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 this side of this line.

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

7623095 CF #310 5-66

INDEX

F.B. 2937 Pg. 202

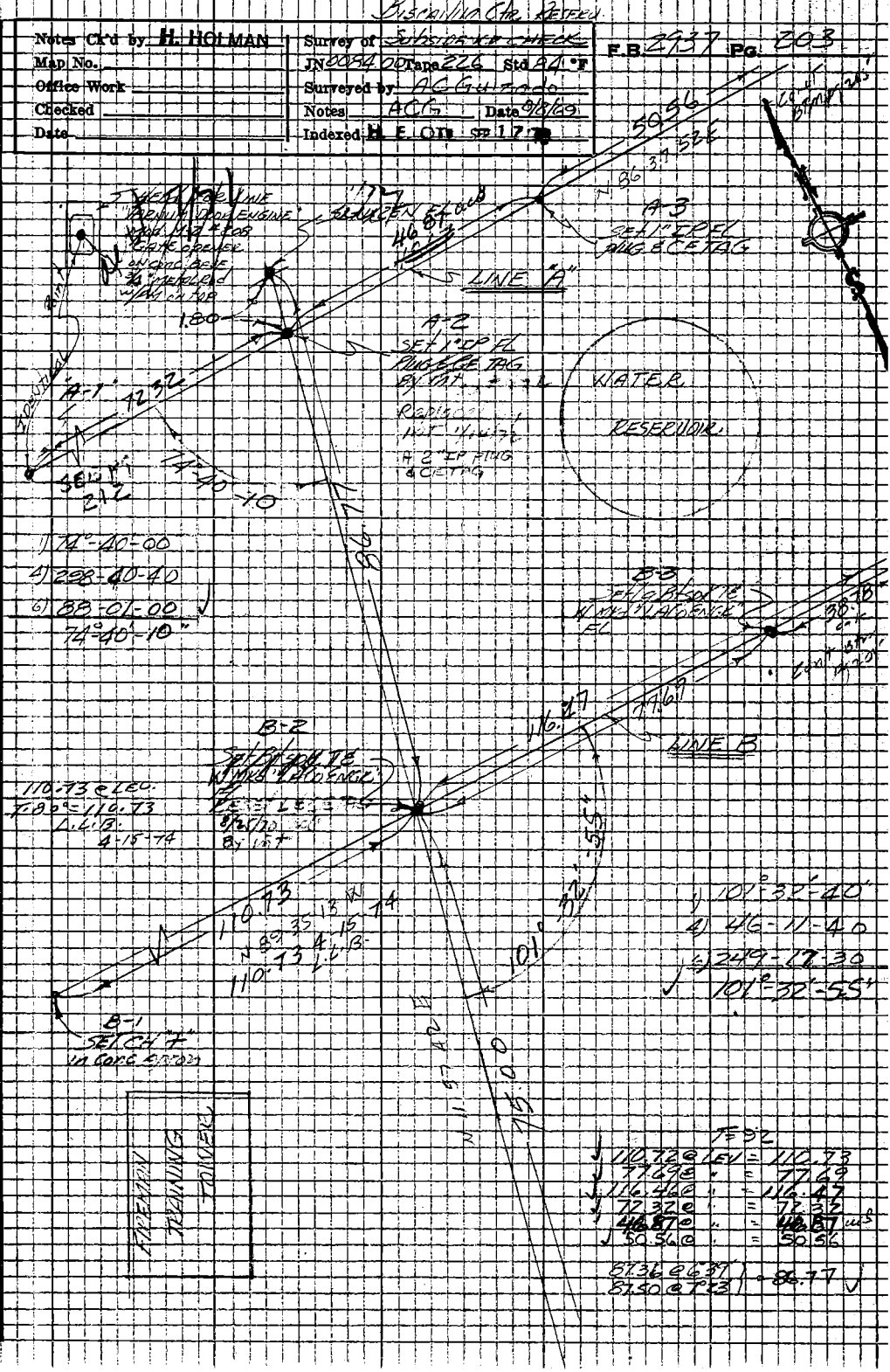
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Biscailing Ctr. Reserv.

Notes Ck'd by H. HOLMAN	Survey of Subsidence Check	F.B. 2937 Pg. 203
Map No.	JN 0084 00 Tape 226 Std 84 °F	
Office Work	Surveyed by A.C. Guizado	
Checked	Notes ACG Date 9/8/69	
Date	Indexed H. E. Ott SEP 17 '69	



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

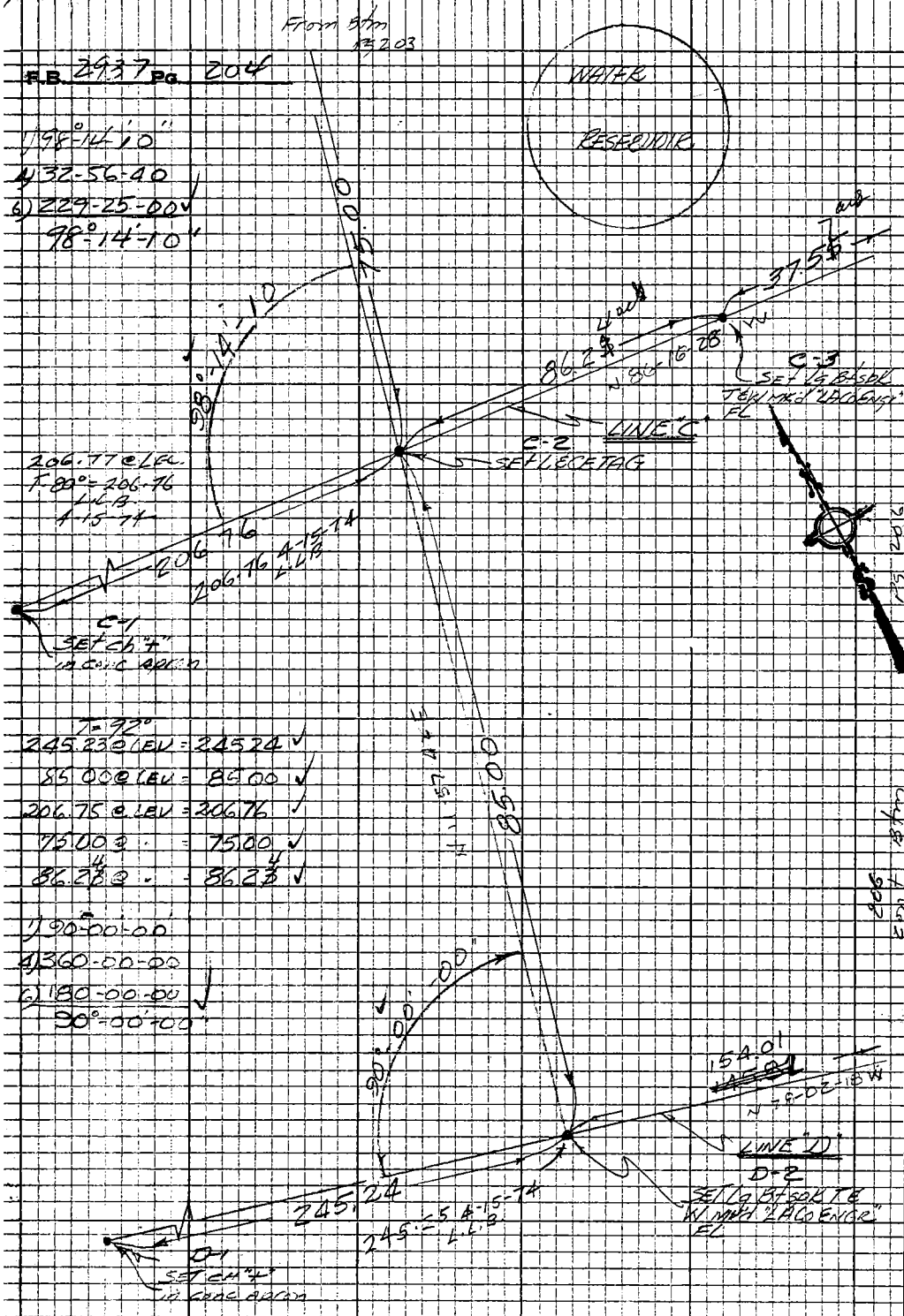
Do not extend this side of this line.

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

76P3098 CE #310 5-66

F.B. 2937 Pg. 204

1) 98°-14'-10"
4) 32-56-40
6) 229-25-00 ✓
98°-14'-10"



T = 92°
245.23 @ LEV = 245.24 ✓
85.00 @ LEV = 85.00 ✓
206.75 @ LEV = 206.76 ✓
75.00 @ " = 75.00 ✓
86.24 @ " = 86.24 ✓

1) 90°-00'-00
4) 360-00-00
6) 180-00-00 ✓
90°-00'-00"

245.26 @ LEL L.L.B.
T 80° = 245.25 4-15-74

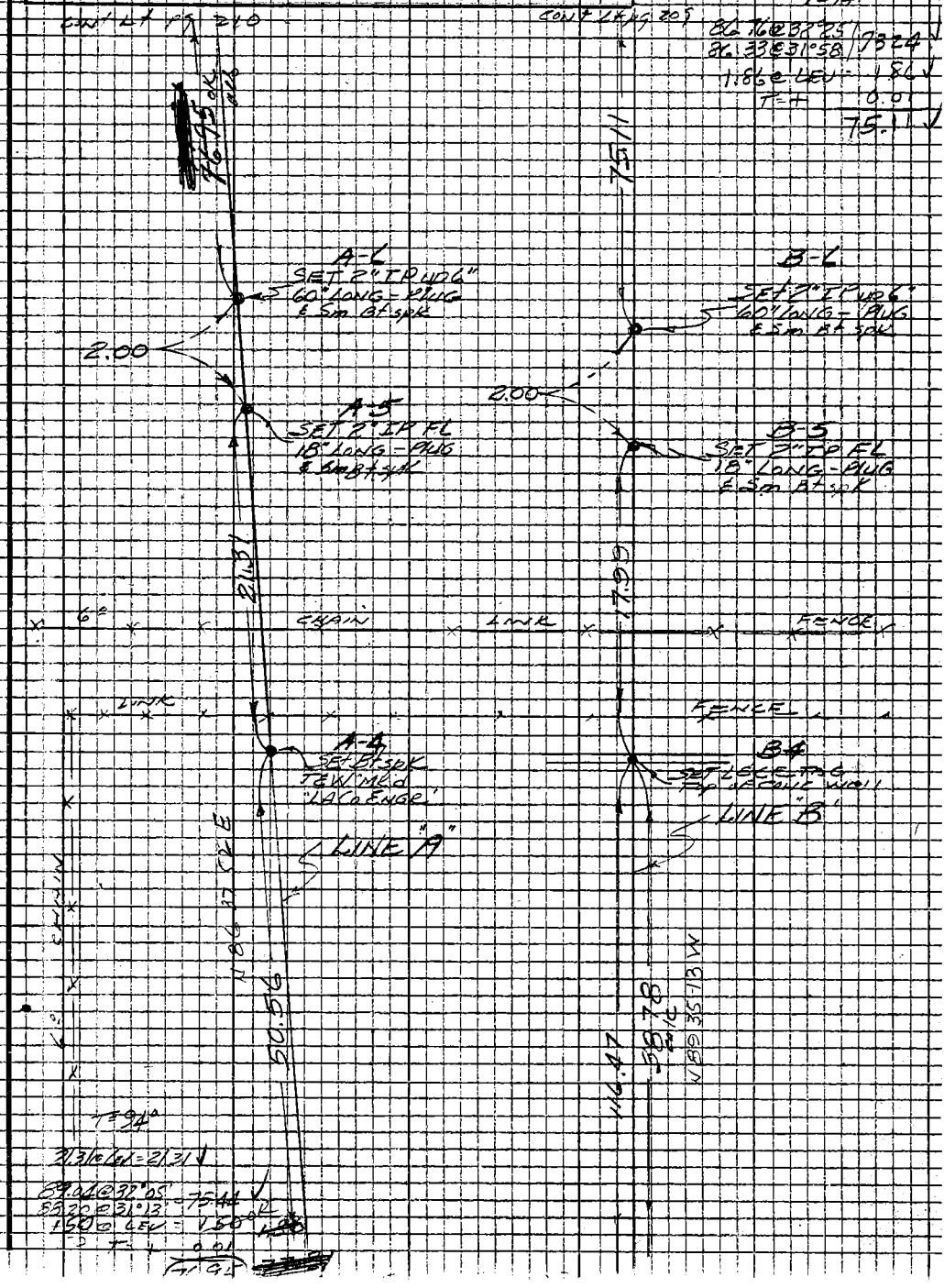
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

BISCAILUZ Cte REPV

Notes Ck'd by H. HOLMAN	Survey of SUBSIDENCE CHECK	F.B. 2937	Pg. 205
Map No.	JN 008400 Tape 226 Std 84 °F		
Office Work	Surveyed by Guizado		
Checked	Notes ACG Date 9/7/69		
Date	Indexed R. E. OTT SP 17-70		



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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

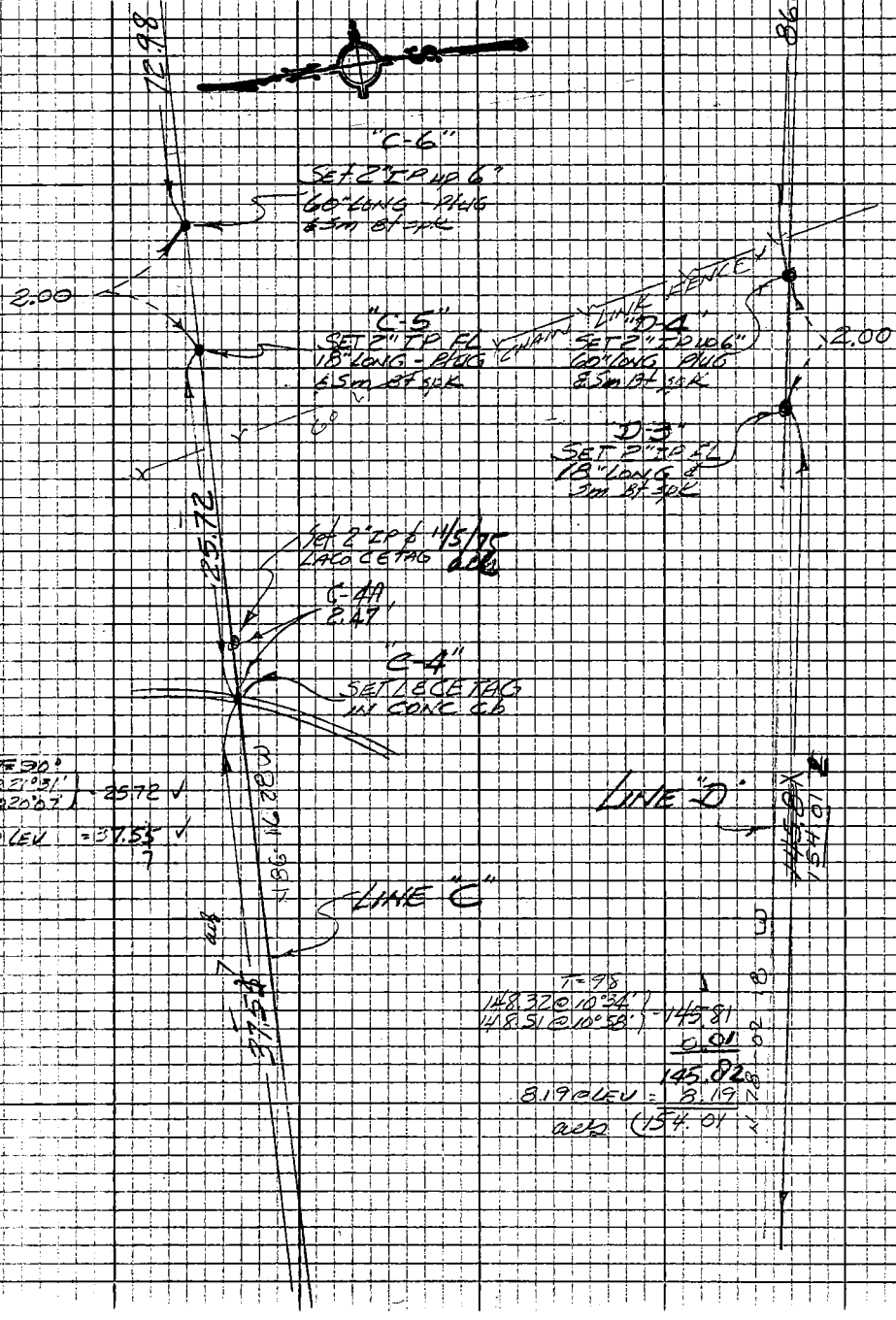
76P3099 CE #310 8-66

F.B. 2937 Pg. 206

cont Lt pg 209

cont Lt pg 208

C6 to C7
T = 96°
81.40 @ 28°58' } = 71.23 ✓
81.01 @ 28°27'
1.74 @ Lev = 1.74
T = + 0.01
72.98 ✓



PLEASE RETURN TO
LOS ANGELES 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

Biscailuz Car Reserve

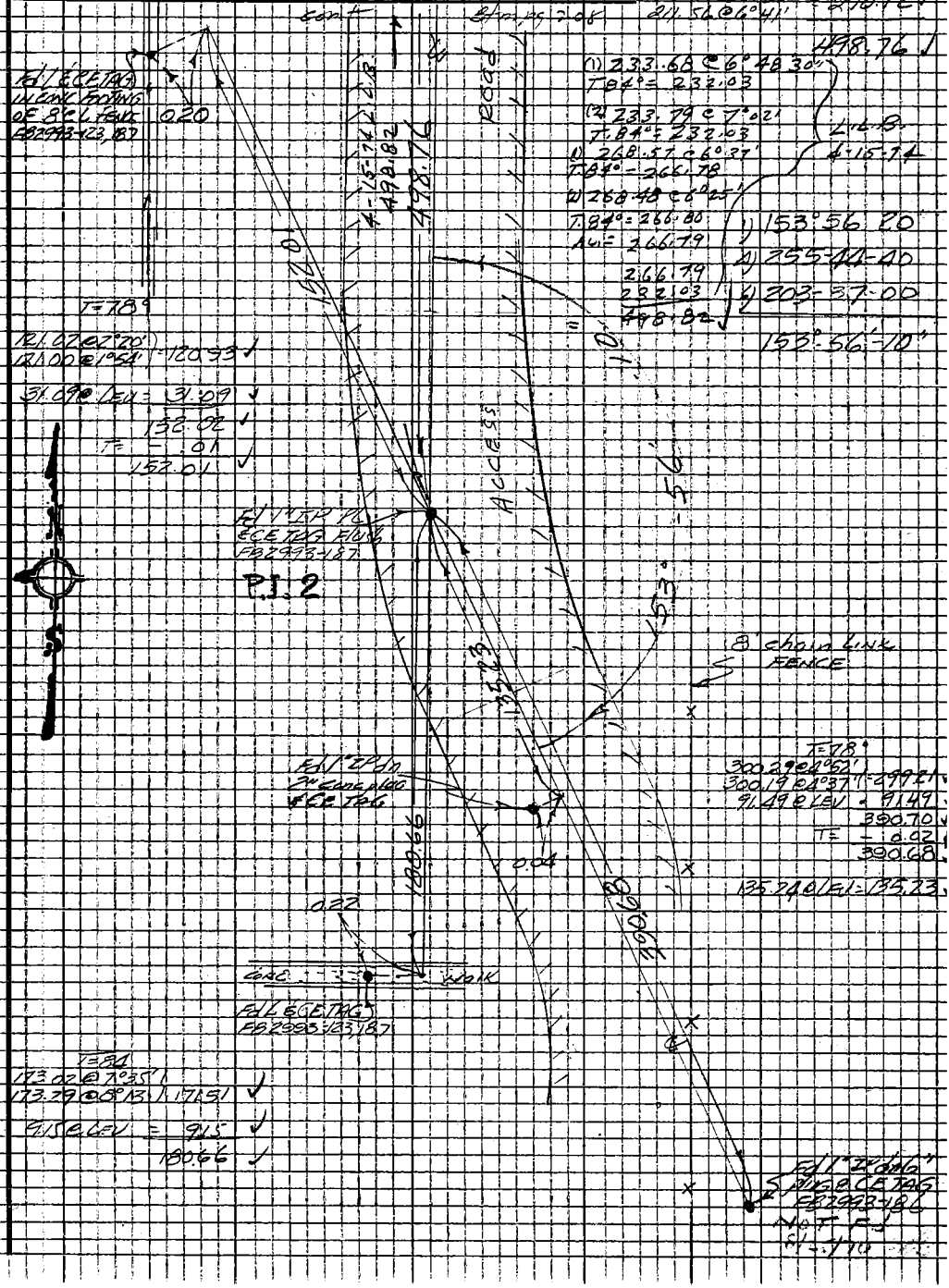
Notes Ck'd by H. HOLMAN	Survey of Subsidence Check	F.B. 2937	Pg. 207
Map No.	JN 0084.00 Tape 226 Std 84 °F		
Office Work	Surveyed by Guizado		
Checked	Notes ACG Date 8/6/69		
Date	Indexed H. E. OTY SP 17		

T=84°
290.58 @ 6°37'
290.68 @ 6°47' = 288.64 ✓
211.41 @ 6°20'
211.56 @ 6°41' = 210.12 ✓
498.76 ✓

(1) 233.68 @ 6°48'30"
T 84° = 232.03
(2) 233.79 @ 7°02'
T 84° = 232.03
(1) 268.57 @ 6°37'
T 84° = 266.78
(2) 268.48 @ 6°25'
T 84° = 266.80
Av = 266.79
266.79
232.03
498.82 ✓

L.L.B.
4-15-74

1) 153°56'20"
4) 255-44-40
6) 203-37-00
153°56'-10"



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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3D9S CE #310 5-66

Cont Btm Pg 209

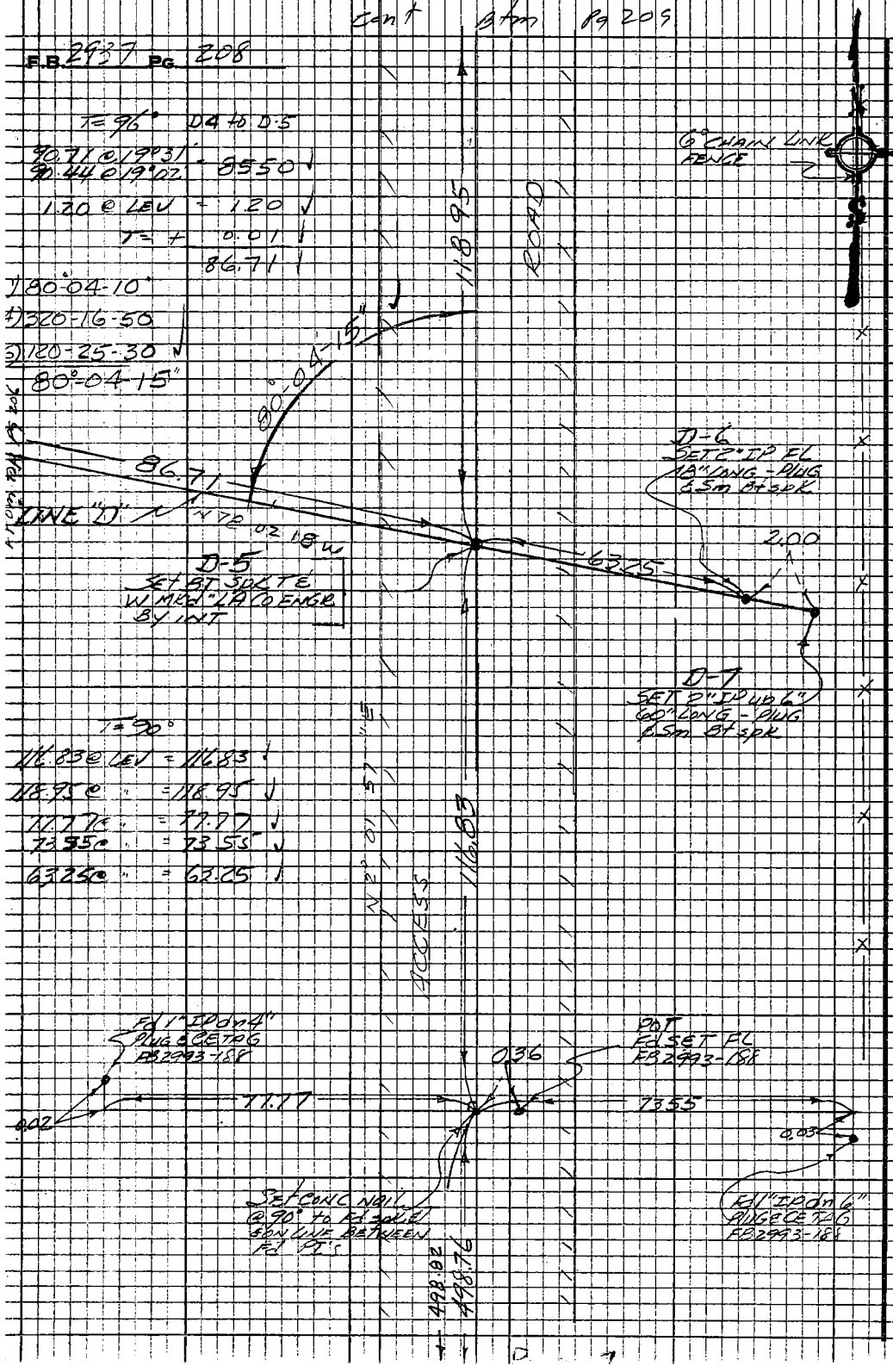
F.B. 2937 Pg. 208

T = 96° D4 to D-5

90.71 @ 19°31' = 85.50 ✓
90.44 @ 19°02'

1.20 @ LEV = 1.20 ✓
T = + 0.01 ✓
86.71 ✓

1) 80°-04-10"
4) 320-16-50
5) 120-25-30 ✓
80°-04-15"



T = 90°

116.83 @ LEV = 116.83 ✓
118.95 @ " = 118.95 ✓
77.77 @ " = 77.77 ✓
73.55 @ " = 73.55 ✓
63.25 @ " = 63.25 ✓

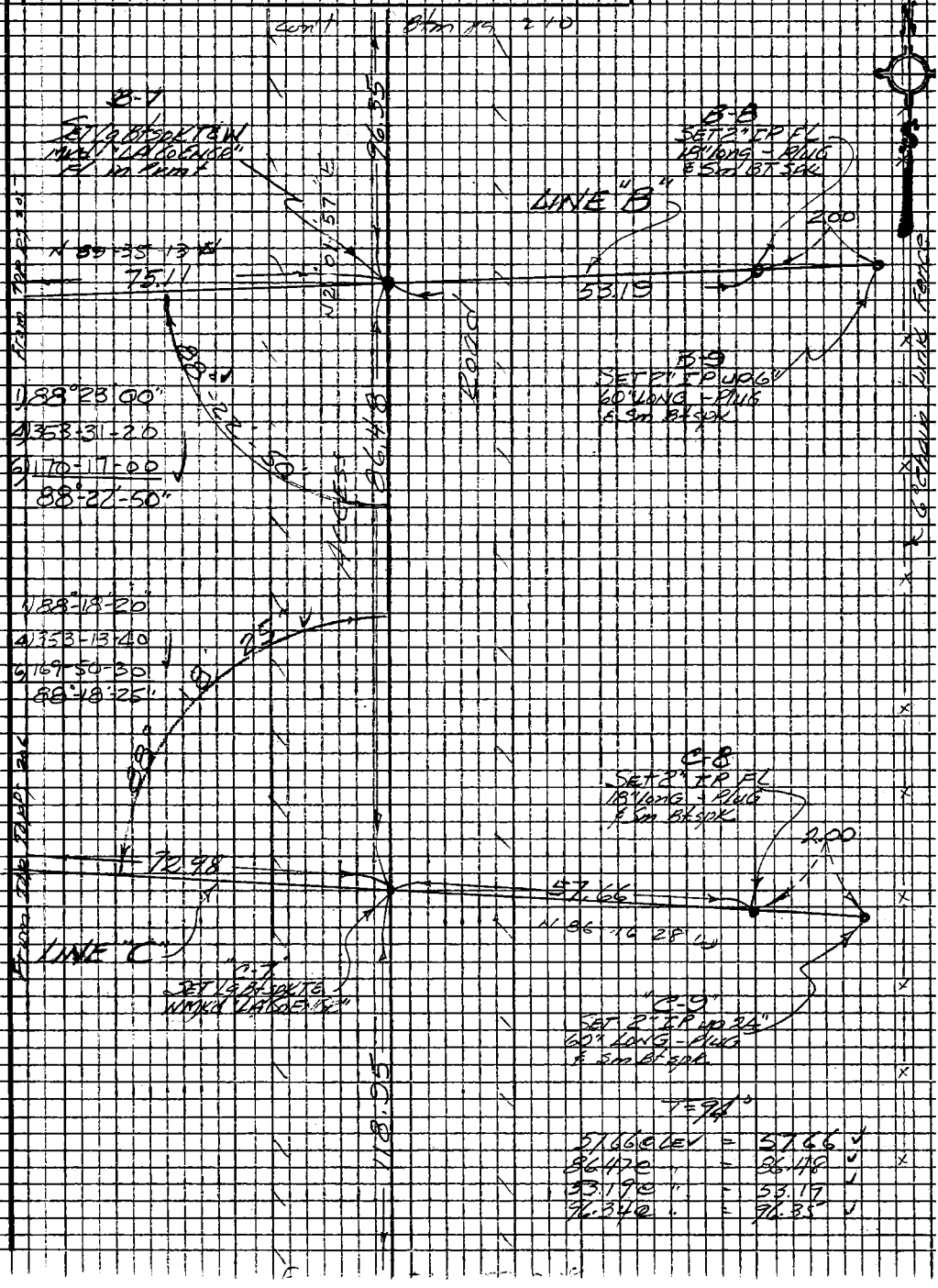
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 this side of this line

Biscailuz ctr Resv

Notes Ck'd by H. HOLMAN	Survey of Submerge check		F.B. 2937 Pg. 209
Map No.	JN 008400 Tape 226	Std 84 °F	
Office Work	Surveyed by Guizar		
Checked	Notes ACG	Date 8/1/69	
Date	Indexed H. E. OTY	SEP 17 '70	



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
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

76P3095 CE #310 5-68

F.B. 2937 Pg. 210

T = 88°

38.65 @ LEV = 38.65

139.04 @ 5°19'
138.93 @ 4°50' = 138.44

57.80 @ LEV = 57.80

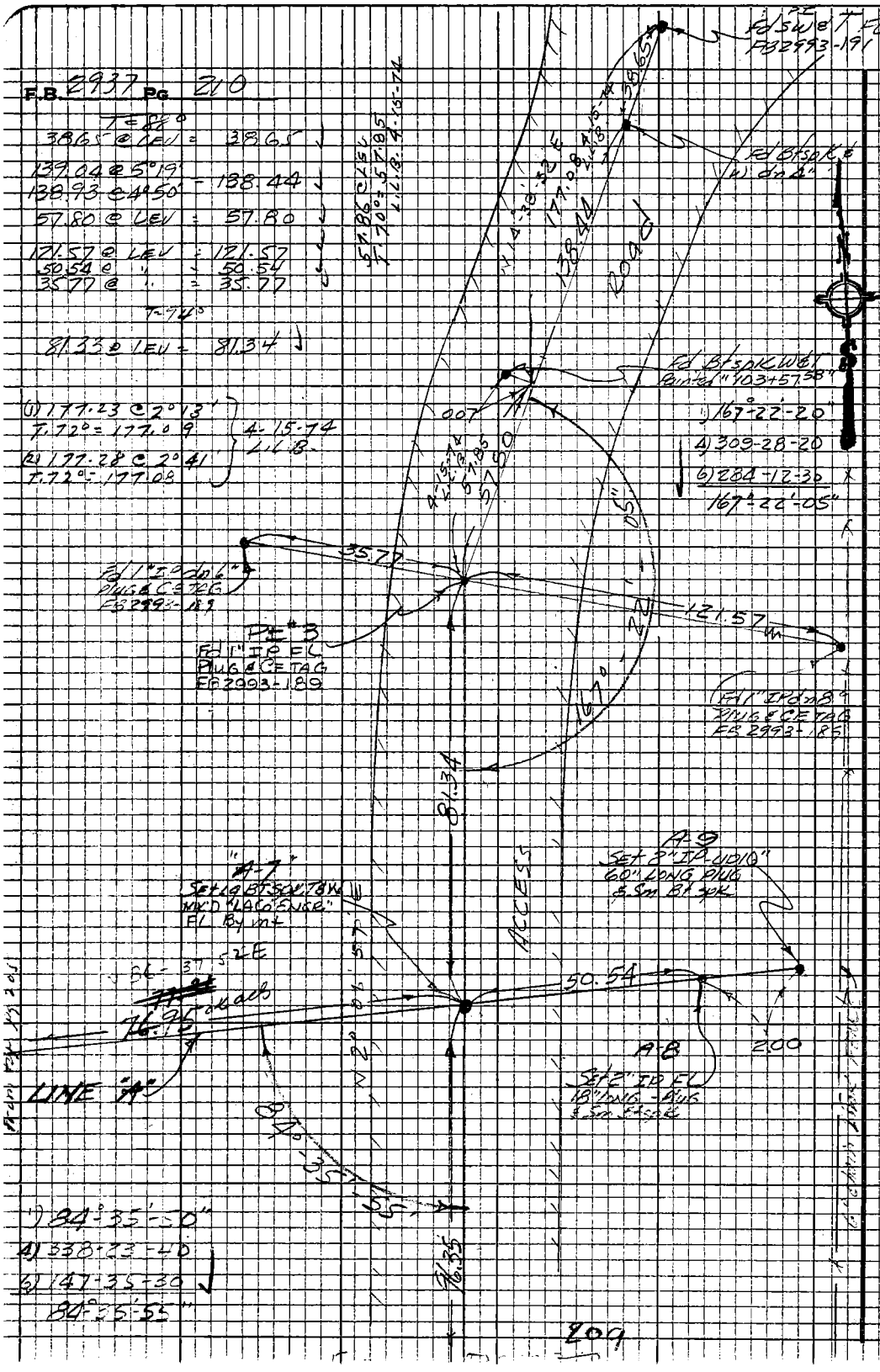
121.57 @ LEV = 121.57
50.54 @ " = 50.54
35.77 @ " = 35.77

T = 94°

81.33 @ LEV = 81.34

(1) 177.23 @ 2°13'
T.72° = 177.09
(2) 177.28 @ 2°41'
T.72° = 177.08
4-15-74
L.L.B.

57.86 @ LEV
T.70° = 57.85
L.L.B. 4-15-74



1) 84°-35'-50"
4) 338-23-40
6) 147-35-30
84°-35'-55"

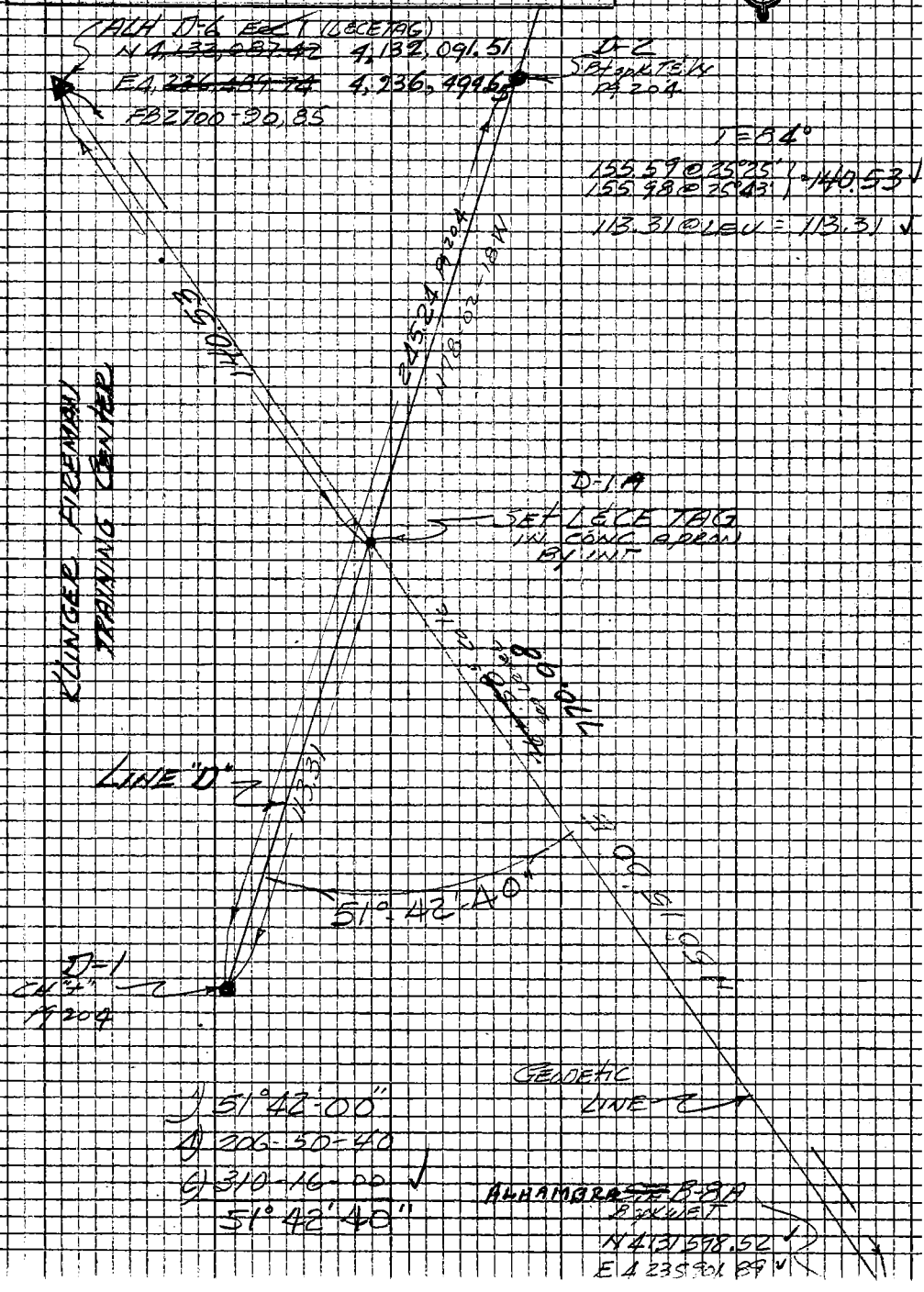
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Biscoiluz etc.

Notes Ck'd by H. HOLMAN	Survey of Reservoir Substance	F.B. 2937	Pg. 211
Map No.	JN 008406 Tape 226 Std 84 °F	CADASTRAL TIE	
Office Work	Surveyed by A.C. Guizada		
Checked	Notes A.C.G. Date 5/12/69		
Date	Indexed H. E. OTT SEP 17 '70		



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

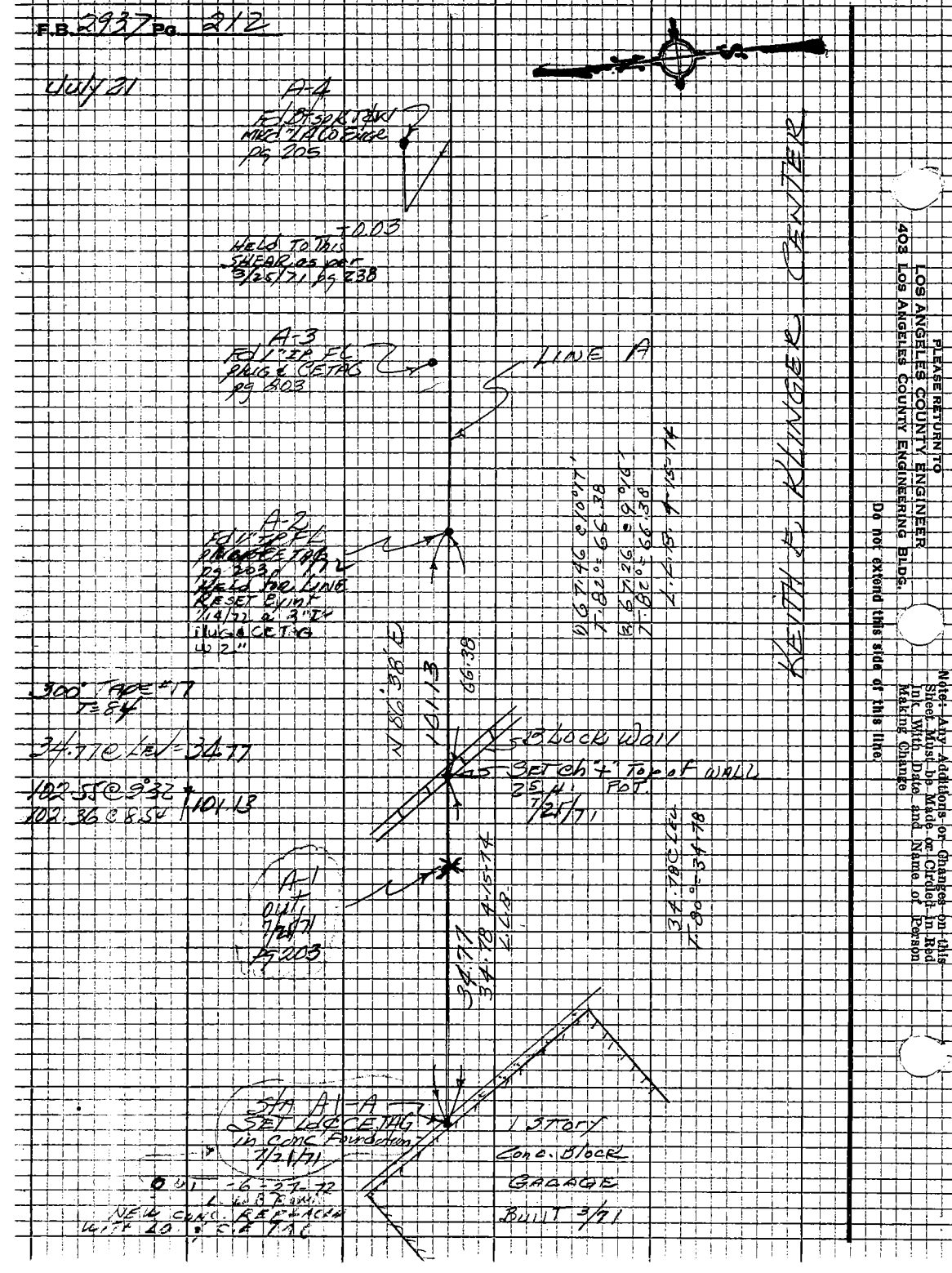
Do not extend this side of this line.

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

76P3093 CE #310 5-66

F.B. 2937 Pg. 212

July 21



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 this side of this line.

NOTES RED. JOB NO 0084.00 SURVEY OF BISCAILUZ C+C RESERVOIR SUBSIDENCE F. B 2937 PG. 213

DATE SURVEY BY GUIZADO

NOTES CHKD. NOTES BY ACG DATE 8/11/69

DATE INDEXED C. J. GALLI DATE AUG 1 8 1969

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
JOB NO 0084.00						
BISCAILUZ CENTER						
WATER RESERVOIR						
SUBSIDENCE						
LOVAR Rods 19&20						
ZEISS LEVEL						
		Guizado				
		Moody				
		West				
		Moya				

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 ICK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

JOB NO. 0084.00 SURVEY OF Discovery Lake Subdivision Resubmittal
SURVEY BY AGGUIRRO
NOTES BY AGG
INDEXED C. J. GALLI
NOTES CHK. HOLMA
DATE MAR 4 70
NOTES RED. DATE
DATE
DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM #1	619.458					BM #1 FB 877 pg 7, FB 1136-25, FB 1668-12
+	3.776		3.821			ELEV = 619.458 (1944) WATER TANK
T	623.234	-0.147	-0.147			CUT "X" in Bolt HEAD in BEARING PLATE
						of SE'LY LEG of WATER TANK
−	3.923		3.968			
BM #1-A	619.311					BM #1-A FB 1668-6 ELEV = 619.317 (1959)
+	0.598		0.667			WATER TANK TOWER - BT SPK in CONC
T	619.909	-10.452	-10.453			PILLAR of NE'LY LEG of WATER TOWER
−	11.050		11.120			
TP	608.859					
+	6.038		6.079			
T	614.897	+1.541	+1.543			
−	4.497		4.536			
TP	610.400					
+	4.777		~~4.836~~	4.871		
T	615.177	-0.534	-0.526	-0.536		
−	5.311		~~5.362~~	5.407		
D-1	609.866					D-1 FB 2937-204 FOR LOCATION
+	5.265		5.345			CH "+" in CONC APRON "KLINGER
T	615.131	+0.077	+0.077			FIRE TRAINING CENTER"
−	5.188		5.268			
C-1	609.943					C-1 FB 2937-204 FOR LOCATION
+	5.032		5.118			CH "+" in CONC APRON "KLINGER
T	614.975	-0.138	-0.137			FIRE TRAINING CENTER"
−	5.170		5.255			
B-1	609.805					B-1 FB 2937-203 FOR LOCATION
						CH "+" in CONC APRON "KLINGER
						FIRE TRAINING CENTER"

F. B. 2937 PG. 214

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
B-1 ✓	609.805					B-1 SEE PG 214
+	5278		5.317			
⊼ ✓	615083	+2.363	+2.366			
−	2915		2951			
A-1 ✓	612.168					A-1 FB.2937-203 FOR LOCATION
+	11.988		11.832			PM ON 3/4" ROD CATE OPENER
⊼ ✓	624.156	+11.413	+1.410			FIRE TRAINING CENTER
−	0575		0422			
A-2 ✓	623.581					A-2 FB2937-203 FOR LOCATION
+	0547		0588			1"IP w/C.E. TAG FLUSH.
⊼ ✓	624128	-10.313	10.314			FIRE TRAINING CENTER
−	10860		10.902			
TP. ✓	613.268					
+	1.980		2.037			
⊼ ✓	615.248	3.414	3.414			
−	5394		5451			
B-2 ✓	609.854					B-2 FB2937-203 FOR LOCATION.
+	5087		5136			BT. SPK. T&W. MKd. LA.CO.ENGR
⊼ ✓	614.941	0.286	0290			FIRE TRAINING CENTER.
−	5373		5426			
C-2 ✓	609.568					C-2 FB2937-204 FOR LOCATION
+	5279		5347			L & C.E. TAG in conc apron BY
⊼ ✓	614.847	0.046	0.045			FIREMAN TRAINING TOWER @
−	5233		5302			"KLINGER FIRE TRAINING CTR"
D-2 ✓	609.614					D-2 FB2937-204 FOR LOCATION
+	5180		5275			LG BT. SPK. T&W. mkd LA.CO.ENGR
⊼ ✓	614794	3.543	3.544			FL., FIRE TRAINING CENTER.
−	8723		8819			
C-3 ✓	606.071					C-3 FB2937-204 FOR LOCATION
+ ✓	3453					LG BT SPK T&W BY WATER RESERVOIR @
	[illegible]					"KLINGER FIRE TRAINING CTR"

NOTES RED ____ JOB NO. 0084.00 SURVEY OF RESERVOIR SUBSIDENCE BISCAILUZ CTR
DATE ____ SURVEY BY A.C. Guizado
NOTES CHKD. B. HOLMAN NOTES BY ACG DATE 8/11/69
DATE MAR 4 '70 INDEXED C.J. GALLI DATE AUG 1 '69

F. B2937 PG. 215

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
⊼ ✓	609524		3548			
−	4632	-1.179	-1.179			
C-4 ✓	604892		4727			C-4 FB 2937-206 FOR LOCATION
+	2934		2795			L&CETAG in conc cb BY WATER TANK
⊼ ✓	607.826	-8.954	-8.955			"KLINGER FIRE TRAINING CTR"
−	11.888		11.750			
C-5 ✓	595.938					C-5 FB2937-206 FOR LOCATION
+	11.779		11.725			2" IP PLUG & 8m Bt spk NEAR WATER
⊼ ✓	607.717	+0.624	+0.624			RESERVOIR &
−	11.155		11.101			KLINGER FIRE TRAINING CTR"
C-6 ✓	596.562					C-6 FB2937-206 FOR LOCATION 2" IP
+	11.378		11.463			PLUG & 8m Bt spk NEAR WATER RESV.
⊼ ✓	607.940	+8.048	+8045			@ "KLINGER FIRE TRAINING CTR"
−	3.330		3.418			
B-3 ✓	604.610					B-3
+	6.973		7.085			
⊼ ✓	611.583	+2.765	+2.763			
−	4.208		4322			
B-5 ✓	607.375					B-5
+	6.146		6.220			
⊼ ✓	613.521	+3.634	+3.634			
−	2.512		2586			
B-4 ✓	611.009					B-4
+	3.075		3.110			
⊼ ✓	614.084	-2.943	-2.942			
−	6.018		6.052			
B-6 ✓	608.066					B-6

JOB NO. 0084.00 SURVEY OF Reservoir Subsidence NOTES RED. Biscailuz ctr
SURVEY BY A.C. Guizado DATE
NOTES BY ACG DATE 8/11/69 NOTES CHKD. H. HOLMAN
INDEXED C. J. GALLI DATE MAR 4 70

F. B. 2937 PG. 216

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.
B-6 ✓	608.066				
+	11.835		11.868		
π ✓	619.901	+9.451	+9.453		
−	2.384		2.415		
TP ✓	617.517				
+	6.326		6.382		
π ✓	623.843	−4.462	−4.459		
−	10.788		10.841		
A-5 ✓	613.055				
+	11.197		11.263		
π ✓	624.252	+10.133	+10.131		
−	1.064		1.132		
A-3 ✓	623.188				
+	1.238		1.242		
π ✓	624.426	−10.129	−10.131		
−	11.367		11.373		
A-6 ✓	613.059				
+	10.787		10.835		
π ✓	623.846	+7.435	+7.436		
−	3.352		3.401		
A-4 ✓	620.494				
+	0.330		0.378		
π ✓	620.824	−11.182	−11.183		
−	11.512		11.561		
TP ✓	609.312				
+	0.572		0.617		
π ✓	609.884	−11.038	−11.039		
−	11.610		11.656		
TP ✓	598.274				

	DESCRIPTION
B-6	FB2937-205 For Location 3"IP-Plug & Sm Bt spk "Klinger Fire Training Ctr"
A-5	FB2937-205 For Location 2" IP-Plug & Sm Bt spk By Water Tanks "Klinger Fire Training Ctr"
A-3	FB2937-203 For Location 1" IP Plug & CE tag By Water Tanks "Klinger Fire Training Ctr"
A-6	FB2937-205 For Location 2" IP Plug & Sm Bt spk By Water Tanks "Klinger Fire Training Ctr"
A-4	FB2937-205 For Location Bt spk T&W near Water Tanks "Klinger Fire Training Ctr"

0.378

NOTES RED _____ JOB NO. 0084.00 SURVEY OF Bascaluz etc
DATE _____ SURVEY BY A.C. Guizado DATE 8/11/69
NOTES CHKD. H. HOLMAN NOTES BY A.C.G.
DATE Mar 4 70 INDEXED C.J. Galli DATE MS 1 3 89

F.B. 2937 PG. 217

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 ✓	598.274					
+	1.017		1.041			
π ✓	599.291	-10.270	-10.271			
−	11.287		10.312			
TP ✓	588.004					
+	0.353		0.384			
π ✓	588.357	-8.884	-8.888			
−	9.237		9.272			
D-3 ✓	579.120					D-3 FB2937-206 For Location 2" IP Plug & Sm Bt spk
+	8.972		9.035			
π ✓	588.092	+0.572	+0.572			
−	8.400		8.463			
D-4 ✓	579.692					D-4 FB2937-206 For Location 2" IP Plug & Sm Bt spk
+	0.693		0.704			
π ✓	580.385	-10.162	-10.163			
−	10.855		10.867			
TP ✓	569.530					
+	0.705		0.720			
π ✓	570.235	-9.559	-9.562			
−	10.264		10.282			
Δ STA 5 ✓	559.971					Δ STA #5 FB2364-8 For Location C.E. Precast Mon Mk 'd 'STA 5 Δ" RE 5869
+	3.845		3.862			
π ✓	563.816	-7.060	-7.061			
−	10.905		10.923			
TP ✓	552.911					
+	1.724		1.821			
π ✓	554.635	-7.386	-7.387			
−	9.110		9.208			
POT ✓	545.525					POT FB2937-208 For Location SQN & SPKET (0.36 E of Line)

F.B. 2937 Pg. 218

JOB NO. 0084.00 SURVEY OF Biscailuz Ctr Reservoir subsidence NOTES RED.
SURVEY BY AC Guizado DATE
NOTES BY ACG DATE 8/1/69 NOTES CHKD. H. HOLMAN
INDEXED C. J. GALLI DATE DATE MAR 4 '70

769420 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
POT ✓	545.525					POT SET FL (0.36) E of ctr ACCESS road FB 2937-208 For Location
+	8.989		9100			
π ✓	554514	+6016	+6.014			
−	2.973		3086			
D-5 ✓	551.541					D-5 FB2937 - For Location Bt spk T&W & ACCESS Rd "KLINGER FIRE TRAINING ctr"
+	4.971		5038			
π ✓	556 512	+0508	+0.508			
−	4.463		4530			
D-6 ✓	552.049					D-6 FB2937-208 - For Location 2"IP plug & Sm Bt spk 63+ft E. of ctr ACCESS ROAD
+	4.217		4340			
π ✓	556266	+0.597	+0595			
−	3.620		3745			
D-7 ✓	552.646					D-7 FB2937-208 For Location 2"IP plug & Sm Bt spk 65+ft E of ctr ACCESS road
+	7.484		7.303			
π ✓	560.130	+6.270	6.271			
−	1.214		1032			
C-9 ✓	558.916					C-9 FB2937-209 For Location 2"IP plug & Sm Bt spk 59+ft E. of ctr of ACCESS Rd
+	1.148		1212			
π ✓	560 064	−1.852	−1853			
−	3.000		3065			
C-8 ✓	557.064					C-8 FB2937-209 For Location 2"IP plug & Sm Bt spk 57+ E. of ctr of ACCESS Rd
+	3.084		2815			
π ✓	560 148	+0.984	+0.984			
−	2.100		1831			
C-7 ✓	558.048					C-7 FB2937-209 For Location Lg Bt spk T&W FL in Pvmt ctr. of ACCESS Road
+	8.045		7949	8056		
π ✓	566.093	+4.710	+4709	+4708		
−	3.335		3240	3348		
B-7 ✓	562.758					B-7 FB2937-209 For Location Lg Bt spk T&W FL in Pvmt 53' E of ctr of ACCESS ROAD

NOTES RED _____ JOB NO. _____ SURVEY OF Bascaitis ctr Reservoir Subsidence
DATE _____ SURVEY BY A.C. Guillado DATE 8/11/69
NOTES CHK'D BY H. HOLMAN NOTES BY _____ DATE _____
DATE NOV 1 70 INDEXED R.J. GALLI DATE NOV 1 8 69

F. B. 2937 PG. 219

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 ING, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

JOB NO. 0084 00 SURVEY OF Discaluz Ctr Preliminary Subdivision
SURVEY BY Gruzado
NOTES BY AK DATE 8/11/65
INDEXED D. L. GALLI DATE
NOTES RED. DATE
NOTES CHK. H. HOLMA
DATE MAR 4 70

F.B. 2937 PG. 220

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B-7 ✓	562.758					B-7 FB2937-209 FOR LOCATION Lg Bt spk W & T FL in Ovt ctr of ACCESS Road
+	4.375		4.359	4.320		
Π ✓	567.083	+1.265	+1.265			
−	5.590		5.624	5.585		
B-8 ✓	561.493					B-8 FB2937-209 FOR LOCATION 2" IP PLUG & Sm Bt spk 53' E. of ctr of ACCESS ROAD
+	5.712		5.761			
Π ✓	567.205	+0.551	+0.551			
−	5.161		5.210			
B-9 ✓	562.044					B-9 FB2937-209 FOR LOCATION 2" IP PLUG & Sm Bt spk 55' E. of ctr of ACCESS ROAD
+	8.798		8.870			
Π ✓	570.842	+4.972	+4.972			
−	3.826		3.898			
A-9 ✓	567.016					A-9 FB2937-210 FOR LOCATION 2" IP PLUG & Sm Bt spk 52' E. of ctr. of ACCESS ROAD
+	3.935		3.801			
Π ✓	570.951	−0.824	−0.824			
−	4.759		4.625			
A-8 ✓	566.192					A-8 FB2937-210 FOR LOCATION 2" IP PLUG & Sm Bt spk 50' E of ctr ACCESS Road
+	4.383		4.465			
Π ✓	570.575	+1.159	+1.157			
−	3.224		3.308			
A-7 ✓	567.351					A-7 FB2937-210 FOR LOCATION Lg Bt spk T & W/ ctr of ACCESS Road.
+	6.445		6.364			
Π ✓	573.796	+1.933	+1.934			
−	4.512		4.430			
VI #3 ✓	569.284					VI #3 FB2937-210 FOR LOCATION 1" IP FL PLUG & CE TAG ON ACCESS Road
+	0.560		0.617			
Π ✓	569.844	−4.194	−4.194			
−	4.754		4.811			
TP ✓	565.090					

765420 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 IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

C-4
Gov S.C.
S 6
S 96 S 6

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP ✓	565.090					
+	11.720		11.667			
π ✓	576.810	+11.235	+11.235			
−	0.485		0.432			
TP ✓	576.325					
+	11.403		11.472			
π ✓	587.728	+10.803	+10.804			
−	0.600		0.668			
TP ✓	587.128					
+	10.968		11.071			
π ✓	598.096	+10.044	+10.045			
−	0.924		1.026			
TP ✓	597.172					
+	11.790		11.722			
π ✓	608.962	+8.916	+8.914			
−	2.874		2.808			
C-3 ✓	606.088					
+	8.486		8.525			
π ✓	614.574	+3.127	+3.125			
−	5.359		5.400			
TP ✓	609.215					
+	5.810		5.834			
π ✓	615.025	+0.945	+0.946			
−	4.865		4.888			
TP ✓	610.160					
+	4.616		4.652			
π ✓	614.776	-1.266	-1.268			
−	5.582		5.920			
TP ✓	608.894					

NOTES RED _____ JOB NO. 008400 SURVEY OF Rosemead Sta. 11
DATE H. HOLMAN SURVEY BY A.C. Guzzado
NOTES CHKD. NOTES BY A.C.G. DATE 8/11/65
DATE MAR 4 70 INDEXED C.J. GALLI DATE MS 1 & 10

F. B. 2987 PG. 221

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	608894					
+	11.112		11.136			
⊼	620.006	+10.597	+10.598			
−	0.515		0.538			
BM #1	619.491					BM #1 FB 877 pg 2, 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 TOWER

JOB NO. 0084.00 SURVEY OF Biscayne etc Reservoir Subsidence NOTES RED.
SURVEY BY A.C. Guizado DATE 8/11/69 NOTES CHKD. H. HOLMAN
NOTES BY ACG DATE
INDEXED G.J. GALLI DATE MAR 4 '70

F.B. 2937 PG. 222

Notes Ck'd by	Survey of Biscailuz Ctr Subsid
Map No.	JN 0084.00 Tape 226 Std 84 °F
Office Work	Surveyed by A C Guizado
Checked	Notes ACG Date 11/69
Date	Indexed C. J. GALLI NOV 25 69

F.B. 2937 Pg. 223

JOB NO 0084.00

BISCAILUZ CENTER SUBSIDENCE

WATER RESERVOIR

COMPARISON SHEETS

HORIZONTAL

North & EAST WILL BE PLUS (+)

South & West WILL BE MINUS (-)

NOTE: SEE FB 3871-67-71
FOR COMPARISON SHEETS
ON WATER TANK #1 & 2
11-7-75 ACG

GUIZADO	AC
WEST	DR
MOYA	EC
SYKES	JJ

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

F.B. 2937 Pg. 224

PROCEDURE

STA's D1-D-2
C1-C-2
B-1-B-2
A-1-A-2

ARE HELD FIXED & LINE IS PRODUCED EAST'LY & EACH CONSEQUENT STA. IS CHECKED FOR SHEAR & BETWEEN STA'S FOR SPREAD.

PT's 2 & 3

ARE HELD FIXED @ EACH END & EACH STA BETWEEN IS CHECKED FOR SHEAR & SPREAD

HORIZONTAL ANGLES ARE RETURNED AT STA'S A-2, B-2, C-2, D-2, PT 2 & PT 3

RERUN OF BENCH LEVELS ON ALL STATIONS

PLEASE RETURN TO
LOS ANGELES 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

Notes Ck'd by	Survey of Brandon Ctr Subsid	F.B. 2937 Pg. 225
Map No.	JN 0084.00 Tape 226 Std 84 °F	
Office Work	Surveyed by Guizado	
Checked	Notes ACG Date 11/17/69	
Date	Indexed C. J. GALLI NOV 25 '69	

Sta PI #2

HORIZONTAL ANGLE @ PI #2

153° 56' 10"

DATE	FINAL ANGLE	DATE
✓ 11/17/69	153° - 56' - 30"	
✓ 2/2/70	153° - 56 - 33"	
✓ 5/8/70	153° - 56' - 42"	
✓ 8/25/70	5¼ [illegible] 207 [illegible]	

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

Do not extend this side of this line.

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

76P3098 CE #310 5-66

F.B. 2937 Pg. 226

STA PI #3

HORIZONTAL ANGLE @ PI #3

167° - 22' - 05"

DATE	FINAL ANGLE	DATE	FINAL ANGLE
11/17/69	167° - 22' - 25"		
2/2/70	167° - 22' - 33		
5/8/70	167° - 22' - 30"		
8/25/70	167° - 23' - 07"		
12/18/70	167° - 22' - 58"		
3/25/71	167° - 23' - 15"		
7/21/71	167° 23 - 30		
1/14/72	167° 23 - 52		
6/27/72	167° - 24 - 03		
2/15/73	167° - 24' - 37"		
9/6/73	167° - 24' - 32"		
4/16/74	167° - 24' - 40"		
10/9/74	167° - 25' - 06"		
4/30/75	167° - 25' - 23"		
9/17/75	167° - 25 - 38"		
3/29/76	167° - 25 48"		
3/21/77	167° 26 - 20"		
4/2/78	167° 26' 57"		

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 this side of this line.

Notes Ck'd by	Survey of Biscoitin Ch Subd
Map No.	JN MR400 Tape 226 Std 84 °F
Office Work	Surveyed by Guirado
Checked	Notes ACG Date 11/13/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 227

STA POT - D-5

EAST = PLUS(+)

WEST = MINUS(-)

DISTANCE = 116.83

LINE BETWEEN PI #2 & 3

	DATE	STA POT. TOTAL SHEAR	STA POT. PERIOD SHEAR	STA D-5 TOTAL SHEAR	STA D-5 PERIOD SHEAR	DISTANCE	TOTAL SPREAD	PERIOD SPREAD
√	11/17/69	+0.36	0.00	0.00	0.00	116.81	-0.02	-0.02
√	2/2/70	+0.36	0.00	0.00	0.00	116.86	+0.03	+0.05
√	5/8/70	+0.36	0.00	0.00	0.00	116.83	0.00	-0.03
√	5/25/70	+0.38	+0.02	+0.02	+0.02	116.81	-0.02	+0.01
√	12/18/70	+0.36	-0.02	0.00	-0.00	116.83	0.00	+0.02
√	3/25/71	+0.37	+0.01	+0.02	+0.02	116.83	0.00	0.00
√	7/21/71	+0.37	0.01	+0.02	0.00	116.80	-0.03	-0.03
√	7/14/72	+0.37	0.00	+0.01	-0.01	116.82	-0.01	-0.02
	6/26/72	+0.38	+0.01	+0.01	0.00	116.82	-0.01	0.00
√	2/15/73	+0.38	0.00	+0.01	0.00	116.83	0.00	+0.01
	9/6/73	+0.42	+0.04	+0.02	+0.01	116.82	-0.01	-0.01
	4/16/74	+0.42	0.00	+0.02	0.00	116.82	-0.01	0.00
	10/9/74	+0.44	+0.02	+0.04	+0.02	116.85	+0.02	+0.03
	4-30-75	+0.455	+0.015	+0.05	+0.01	116.83	0.00	-0.02
	9-17-75	+0.465	+0.01	+0.06	+0.01	116.83	0.00	0.00
	3/29/76	+0.49	+0.035	+0.08	+0.02	116.90	+0.07	+0.07
	3/21/77	+0.52	+0.03	+0.10	+0.02	116.88	+0.05	-0.02
	3/31/78	+0.58	+0.06	+0.13	+0.03	116.90	+0.07	+0.02

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

Do not extend this side of this line.

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

76P309B CE #310 5-66

F.B. 2937 Pg. 228

STA D5-C7
DISTANCE = 118.95

LINE BETWEEN PT 2 & 3

EAST = PLUS (+)
WEST = MINUS (-)

STA C-7

DATE	TOTAL SHEAR	PERIOD SHEAR	DISTANCE	TOTAL SPREAD	PERIOD SPREAD
11/17/69	-0.01	-0.01	118.96	+0.01	+0.01
2/2/70	-0.02	-0.01	118.97	+0.02	+0.01
5/18/70	-0.025	-0.005	118.95	0.00	-0.02
8/25/70	-0.025	0.00	118.94	-0.01	-0.01
12/18/70	-0.06	-0.04	118.93	-0.02	-0.01
3/25/71	-0.06	0.00	118.94	-0.01	+0.01
7/21/71	-0.07	-0.01	118.92	-0.03	-0.02
7/14/72	-0.08	-0.01	118.92	-0.03	0.00
6/26/72	-0.09	-0.01	118.91	-0.04	-0.01
2/15/73	-0.11	-0.02	118.89	-0.06	-0.02
9/6/73	-0.11	0.00	118.88	-0.07	-0.01
4/16/74	-0.12	-0.01	118.83	-0.12	-0.05
10/9/74	-0.13	+0.01	118.86	-0.09	+0.03
4-30-75	-0.12	+0.01	118.84	-0.11	-0.02
9-17-75	-0.15	-0.03	118.81	-0.14	-0.03
3/29/76	-0.15	-0.00	118.81	-0.14	0.00
3/21/77	-0.16	-0.01	118.78	-0.17	+0.03
3/31/78	-0.16	0.00	118.77	-0.18	+0.01

PLEASE RETURN TO
LOS ANGELES 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

Notes Ck'd by	Survey of Biscailuz Ctr Subsid
Map No.	JN0084.00 Tape 226 Std 84°F
Office Work	Surveyed by Cruzado
Checked	Notes ACG Date 11/14/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 229

STA C-7 to B-7

EAST = PLUS (+)

WEST = MINUS (−)

LINE BETWEEN PI# 2 & 3

DISTANCE = 86.48

DATE	TOTAL SHEAR	PERIOD SHEAR	DISTANCE	TOTAL SPREAD	PERIOD SPREAD
1/17/69	0.00	0.00	86.49	+0.01	+0.01
2/2/70	0.00	0.00	86.50	+0.02	+0.01
5/8/70	0.00	0.00	86.50	+0.02	0.00
5/25/70	+0.02	+0.02	86.50	+0.02	0.00
7/14/70	+0.02	0.00	86.51	+0.03	+0.01
3/26/71			86.51	+0.03	0.00
7/21/71			86.53	+0.05	+0.02
1/14/72			86.54	+0.06	+0.01
6/27/72			86.53	+0.05	−0.01
2/15/73			86.55	+0.07	+0.02
9/6/73			86.56	+0.08	+0.01
4/16/74			86.52	+0.04	−0.04
10/9/74			86.55	+0.07	+0.03
7-30-75			86.55	+0.07	0.00
7-17-75			86.53	+0.05	−0.02
3/29/76			86.56	+0.08	+0.03
3/21/77			86.56	+0.08	0.00
3/31/78			86.54	+0.06	−0.02

SEE PG. 2 30 FOR B-1

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-68

F.B. 2937 Pg. 230

STA B-7 to A-7

EAST = PLUS (+)
WEST = MINUS (−)

LINE BETWEEN PI #263

DISTANCE = 96.35

DATE	TOTAL SHEAR (STA B-7)	PERIOD SHEAR	DISTANCE	TOTAL SPREAD	PERIOD SPREAD
11/17/69	0.00	0.00	96.38	+0.03	+0.03
2/12/70	0.00	0.00	96.38	+0.03	0.00
5/18/70	0.00	0.00	96.36	+0.01	−0.02
3/25/70	+0.03	+0.03	96.36	+0.01	0.00
12/18/70	+0.03	0.00	96.39	−0.04	+0.03
3/25/71	+0.03	0.00	96.37	+0.02	−0.02
7/21/71	+0.06	+0.03	96.39	+0.04	+0.02
1/14/72	+0.06	0.00	96.40	+0.05	+0.01
6/27/72	+0.07	+0.01	96.40	+0.05	0.00
2/15/73	+0.07	0.00	96.39	+0.06	+0.01
9/6/73	+0.09	+0.02	96.40	+0.05	+0.01
4/16/74	+0.10	+0.01	96.38	+0.03	−0.02
10/9/74	+0.11	+0.01	96.41	+0.06	+0.03
9-30-75	+0.13	+0.02	96.40	+0.05	−0.01
9-17-75	+0.13	0.00	96.39	+0.04	−0.01
3/29/76	+0.15	+0.02	96.42	+0.07	+0.03
3/21/77	+0.18	+0.03	96.41	+0.06	−0.01
3/31/78	+0.21	+0.03	96.41	+0.06	0.00

PLEASE RETURN TO
LOS ANGELES 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 in Circled In Red Ink With Date and Name of Person Making Change

Notes Ck'd by:	Survey of Bismillia Ch Sale 1
Map No.	JN 0 Tape 226 Std 84
Office Work	Surveyed by [illegible]
Checked	Notes ACC Date 11-67
Date	Indexed C.L. CAIT NOV 25 '69

F.B. 2937 Pg. 231

STA A-7 to PI #3

EAST = PLUS (+)

WEST = MINUS (-)

LINE BETWEEN PI #2 & 3

DISTANCE = 81.34

DATE	STA A-7 TOTAL SHEAR	PERIOD SHEAR	DISTANCE	TOTAL SPREAD	PERIOD SPREAD
✓ 1/17/69	0.00	0.00	81.33	-0.01	-0.01
✓ 2/2/70	-0.01	-0.01	81.33	-0.01	0.00
✓ 5/8/70	+0.01	+0.02	81.33	-0.01	0.00
✓ 9/3/70	+0.01	0.00	81.31	-0.03	-0.02
✓ 1/18/71	+0.01	0.00	81.32	-0.02	-0.01
✓ 3/25/71	+0.02	+0.01	81.33	-0.01	+0.01
✓ 7/21/71	+0.02	0.00	81.35	+0.01	+0.02
✓ 7/14/72	+0.03	+0.03	81.31	-0.03	-0.04
6/27/72	+0.03	-0.005	81.30	-0.04	-0.01
✓ 2/15/73	+0.04	+0.01	81.31	-0.03	-0.01
8/6/73	+0.04	0.00	81.30	-0.04	-0.01
8/16/74	+0.05	+0.01	81.28	-0.06	-0.02
10/9/74	+0.05	0.00	81.29	-0.05	+0.01
4-30-75	+0.06	+0.01	81.28	-0.06	-0.01
9-17-75	+0.08	+0.02	81.27	-0.07	-0.01
3/29/76	+0.05	-0.03	81.28	-0.06	+0.01
3/21/77	+0.07	+0.02	81.27	-0.07	-0.01
3/31/78	+0.08	+0.01	81.26	-0.08	+0.01

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
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

7GP3093 CK #310 8-68

F.B. 2937 Pg. 232

NORTH = PLUS (+)
SOUTH = MINUS (-)
East = Plus
West = Minus

90°-00' 00" REC

HORIZONTAL ANGLE @

STA D-2

DATE	HORIZONTAL ANGLE	STA B-2 TOTAL SHEAR	STA B-2 PERIOD SHEAR	STA C-2 TOTAL SHEAR	STA C-2 PERIOD SHEAR
1/17/69	89°-59'-28"	0.00	0.00	0.00	0.00
2/2/70	89°-59-38"	0.00	0.00	0.00	0.00
5/8/70	89°-59-42"	OUT Reset 8/70		0.00	0.00
8/25/70	89°-59-20	0.00		0.00	0.00
12/17/70	89-59-30	-0.01	-0.01	-0.01	-0.01
3/25/70	89° 59' 35"	-0.01	0.00	0.00	+0.01
8/21/71	89 59 23	0.00	0.00	0.00	0.00
2/18/72	89-59-20"				
6/27/72	89-59-43	+0.01	+0.01	+0.01	+0.01
2/15/73	89-59-18	0.00	-0.01	0.00	-0.01
9/6/73	89°-59'-27"	+0.02	+0.02	+0.02	+0.02
9/6/74	89°59' 37"	+0.02	0.00	+0.02	0.00
10/8/74	89-59-43	0.00	-0.02	+0.02	0.00
4-30-75	89-59-39	0.00	0.00	+0.01	-0.01
9-17-75	90-00-12	0.00	0.00	+0.02	+0.01
3/29/76	89-59-29	-0.01	-0.01	-0.01	+0.03
3/21/77	89-59-20	-0.02 5	+0.01 5	-0.02	+0.01
[illegible]/78	89-59-57	0.00	+0.02 5	-0.01	+0.01

PLEASE RETURN TO
LOS ANGELES 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

Notes Ck'd by	Survey of Baseline Ctr Subd
Map No.	JN 00R4.00 Tape 226 Std 84°F
Office Work	Surveyed by Guzzalo
Checked	Notes ATC Date 4/1/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 233

HORIZONTAL ANGLE @
98°-14'-10" Rec
STA C-2

DISTANCE 0-2 to C-2 = 85.00

DATE	HORIZONTAL ANGLE	DISTANCE	TOTAL SPREAD	PER 100 SPREAD
1-4-69	98°-13-57"	85.01	+0.01	+0.01
12/3/70	98-13-57	85.00	+0.00	-0.01
5/8/70	98°-13-52"	85.00	0.00	0.00
8/25/70	98-13-58	85.03	+0.03	+0.03
12/7/70	98°-13-57"	85.01	+0.01	-0.02
3/25/70	98°-13-55	85.02	+0.02	+0.01
7/2/71	98-13-50	85.03	+0.03	+0.01
7/18/72	98-13-47	85.03	+0.03	0.00
8/27/72	98-13-43	85.03	+0.03	0.00
2/15/73	98-13-45	85.01	+0.01	-0.02
9/7/73	98°-13-42"	85.00	0.00	-0.01
4/16/74	98°-13-23"	85.00	0.00	0.00
4/2/74	98°-13-52	84.99	-0.01	-0.01
4-30-75	98-13-30	85.00	0.00	+0.01
9-17-75	98-13-20	84.99	-0.01	-0.01
3/29/76	98-13-00	84.99	-0.01	0.00
9/21/77	98-13-45	84.99	-0.01	0.00
3/31/78	98-13-25	84.97	-0.03	-0.02

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

Do not extend this side of this line.

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

76F305 CE #310 R-68

F.B. 2937 Pg. 234

HORIZONTAL ANGLE @
101° 32' - 35"
STA B-2

DISTANCE C-2 to B-2 =
75.00

DATE	HORIZONTAL ANGLE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD
11/17/69	101° 32' 35"	75.01	+0.01	+0.01
2/2/70	101° 32' 37"	75.03	+0.03	+0.02
5/8/70	OUT	OUT		
8/25/70	101-32-48	75.00	0.00	0.00
12/17/70	101-32-33"	75.00	0.00	0.00
3/25/71	101-32-02	75.02	+0.02	+0.02
7/21/71	101-32-20	75.00	0.00	-0.02
1/14/72	101-32-43	75.00	0.00	0.00
6/27/72	101-32-10	75.00	0.00	0.00
2/15/73	101-32-13	75.00	0.00	0.00
8/7/73	101-32-40	75.00	0.00	0.00
4/16/74	101° 32' 30"	75.00	0.00	0.00
8/18/74	101-32-18	75.00	0.00	0.00
4-30-75	101-32-33	75.00	0.00	0.00
9-17-75	101-32-30"	74.99	-0.01	-0.01
3/29/76	101-32-25	74.99	-0.01	0.00
3/21/77	101-32-35	74.98	-0.02	-0.01
3/31/78	101-32-37	75.00	0.00	+0.02

PLEASE RETURN TO
LOS ANGELES 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

Notes Ck'd by	Survey of Pacoima Ch Subsid
Map No.	JN 0084.00 Tape 226 Std 24 °F
Office Work	Surveyed by Guizado
Checked	Notes ACG Date 11/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 235

HORIZONTAL ANGLE @ 74°-40'-10" STA A-2

DISTANCE B-2 to A-2 = 84.97

DATE	HORIZONTAL ANGLE		DISTANCE	TOTAL SPREAD	PERIOD SPREAD
1/17/69	74°-40'-01"		85.00	+0.03	+0.03
2/2/70	74-39-53		84.98	+0.01	-0.02
5/8/70	74°-39'-52"		OUT	—	—
8/25/70	74-40-25		85.01	+0.04	+0.03
12/17/70	74-40-25		84.97	0.00	-0.04
3/25/71	74°41'10"		85.00	+0.03	+0.03
1/21/71	74°41'00"		85.00	+0.03	0.00
1/14/72	74-41-26	RESET 1/14/72	85.00	+0.03	0.00
6/27/72	74-40-38		85.01	+0.04	+0.01
1/15/73	74-41-13		85.00	+0.03	-0.01
9/7/73	74°41'05"		85.00	+0.03	0.00
4/16/74	74°41'03		84.99	+0.02	-0.01
4/8/74	74-40-59		85.00	+0.03	+0.01
4-30-75	74°40-58		85.00	+0.03	0.00
9-17-75	74°40'50		85.00	+0.03	0.00
3/24/76	74°-40'41"		85.02	+0.05	+0.02
3/21/77	74-40-15		85.02	+0.05	0.00
3/30/78	74-41-02		85.01	+0.04	-0.01

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7623098 CE #310 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 this side of this line.

FB 2337 Pg 276

Notes Ck'd by	Survey of Biscailuz Ctr Subsid
Map No.	JN 008400 Tape 226 Std 84 °F
Office Work	Surveyed by Guizado
Checked	Notes ACG Date 11/65
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 237

"A" LINE

STA A-2 TO A-3

46.87

NORTH = PLUS (+)

SOUTH = MINUS (−)

STA A-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1/17/69	46.87	0.00	0.00	−0.01	−0.01
2/2/70	46.89	+0.02	+0.02	−0.01	0.00
5/8/70	46.87	0.00	−0.02	−0.00	−0.00
8/25/70	46.86	−0.01	−0.01	0.00	0.00
12/12/70	46.86	−0.01	0.00	0.00	0.00
3/25/71	46.87	0.00	+0.01	+0.01	+0.01
7/21/71	46.88	+0.01	+0.01	+0.01	0.00
1/14/72	46.88	+0.01	0.00	+0.01	0.00
6/27/72	46.88	+0.01	0.00	−0.005	−0.015
2/15/73	46.88	+0.01	0.00	+0.005	−0.01
9/7/73	46.87	0.00	−0.01	0.00	−0.005
4/16/74	46.86	−0.01	−0.01	0.00	0.000
10/8/74	46.87	0.00	+0.01	0.00	0.00
4-30-75	46.87	0.00	0.00	+0.005	+0.005
9-12-75	46.87	0.00	0.00	−0.01	−0.015
3/29/76	46.89	+0.02	+0.02	−0.02	+0.01
3/21/77	46.88	+0.01	−0.01	−0.03	−(+)0.01
3/30/78	46.87	0.00	−0.01	0.00	+0.03

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

F.B. 2937 Pg. 238

NORTH = PLUS (+)
SOUTH = MINUS (-)

STA A-3 to A-4

50.56

STA - A-4

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1/27/69	50 56	0.00	0.00	0.00	0.00
2/2/70	50 56	0 00	0 00	− 0.01	− 0.01
5/8/70	50 57	− 0.01	+0.01	− 0.02	− 0.01
8/25/70	50 57	−0.01	0.00	0.00	+0.02
12/7/70	50 56	0 00	+0.01	+0.01	+0.01
3/25/71	50 56	0.00	0 00	+0.03	+0.02
7/21/71	50 58	+0.02	+0.02	+0.03	0.00
1/14/72	50 57	+0.01	−0.01	+0.05	+0.02
6/20/72	50 58	+0.02	+0.01	+0.01	−0.03
4/1/73	50.56	0.00	−0.02	+0.03	+0.02
9/7/73	50.61	+0.05	+0.05	+0.03	0.00
4/14/74	50.61	+0.05	0.00	+0.015	−0.015
10/8/74	50.60	+0.04	−0.01	+0.015	0.00
4-30-75	50.59	+0.03	−0.01	0.00	−0.015
9-17-75	50.60	+0.04	+0.01	0.00	0.00
3/29/76	50.58	+0.02	−0.02	−0.01	−0.01
3/21/77	50.58	+0.02	0.00	−0.03	−0.02
3/30/78	50.60	+0.04	+0.02	+0.04	+0.07

PLEASE RETURN TO
LOS ANGELES 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

Notes Ck'd by	Survey of Biscayne Ch. Subsid
Map No.	JN 008400 Tape 226 Std 84 °F
Office Work	Surveyed by Guizada
Checked	Notes ACO Date 11/69
Date	Indexed C.J. GALLI NOV 25 '69

F.B. 2937 Pg. 239

"A" LINE

STA A-4 to A-5

21.31

NORTH = PLUS (+)

SOUTH = MINUS (-)

STA A-5

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1/17/69	21.32	+0.01	+0.01	-0.01	-0.01
2/2/70	21.33	+0.02	+0.01	-0.02	-0.01
5/8/70	21.33	+0.02	0.00	-0.01	+0.01
8/25/70	21.31	0.00	-0.02	-0.01	0.00
12/17/70	21.32	+0.01	+0.01	0.00	+0.01
3/25/71	21.32	+0.01	0.00	+0.03	+0.03
7/21/71	21.32	+0.01	0.00	0.00	-0.03
1/14/72	21.36	+0.05	+0.04	+0.02	+0.02
6/27/72	21.35	+0.04	-0.01	-0.02	-0.04
2/15/73	21.36	+0.05	+0.02	+0.03	+0.05
9/7/73	21.32	+0.01	-0.04	+0.02	-0.01
4/16/74	21.33	+0.02	+0.01	+0.03	+0.01
10/9/74	21.31	0.00	-0.02	-0.01 5	-0.04 5
4-30-75	21.34	+0.03	+0.03	-0.01	+0.005
9-17-75	21.34	+0.03	0.00	0.00	+0.01
3/29/76	21.35	+0.04	+0.01	-0.01	-0.01
3/21/77	21.35	+0.04	0.00	-0.04	-⊕ 0.03
3/31/78	21.39	+0.08	+0.04	+0.05	+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

Do not extend this side of this line.

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

76P3098 CE #310 5-66

F.B. 2037 Pg. 240

STA A-5 to A-6

NORTH = PLUS (+)
SOUTH = MINUS (−)

2.00

STA A-6

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
11/17/69	2.00	0.00	0.00	−0.01	−0.01
2/2/70	2.00	0.00	0.00	−0.02	+0.01
5/8/70	2.00	0.00	0.00	+0.02	0.00
8/25/70	2.00	0.00	0.00	0.00	+0.02
12/7/70	2.00	0.00	0.00	0.00	0.00
3/25/71	2.00	0.00	0.00	+0.06	+0.06
7/2/71	1.99	−0.01	−0.01	+0.01	−0.05
1/14/72	2.01	+0.01	+0.02	+0.03	+0.02
6/27/72	2.01	+0.01	0.00	+0.01.5	−0.01.5
2/15/73	1.99	−0.01	−0.02	+0.04	+0.02.5
9/7/73	1.98	−0.02	−0.01	+0.03	−0.01
4/16/74	1.98	−0.02	0.00	+0.04	+0.01
10/9/74	1.98	−0.02	0.00	0.00	−0.04
4-30-75	1.98	−0.02	0.00	0.00	0.00
9-17-75	1.98	−0.02	0.00	+0.02	+0.02
3/24/76	1.98	−0.02	0.00	0.00	−0.02
3/21/77	1.98	−0.02	0.00	−0.02	−0.02
3/31/78	1.98	−0.02	0.00	+0.07	+0.09

PLEASE RETURN TO
LOS ANGELES 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.

Notes Ck'd by		Survey of Bernuitz Chi Subaid	F.B. 2937 Pg. 241
Map No.		JN 0084.09 Tape 276 Std 84° °F	"A" LINE
Office Work		Surveyed by Quintado	
Checked		Notes AGS Date 11/69	STA A-6 to A-7
Date		Indexed C. J. GALLI NOV 25 80	76.95

NORTH = PLUS (+)
SOUTH = MINUS (-)

STA A-7

	DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓	11/7/69	76.96	+0.01	+0.01	-0.02	-0.02
✓	2/2/70	76.97	+0.02	+0.01	-0.03	-0.01
✓	5/8/70	76.98	+0.03	+0.01	-0.01	+0.02
✓	8/25/70	77.00	+0.05	+0.02	-0.03	+0.02
✓	12/7/70	77.01	+0.06	+0.01	-0.04	-0.01
✓	3/2/71	77.02	+0.07	+0.01	+0.04	+0.08
✓	7/21/71	77.05	+0.10	+0.03	0.00	+0.04
✓	7/14/72	77.06	+0.11	+0.01	0.00	0.00
	6/27/72	77.09	+0.14	+0.03	-0.06	-0.06
✓	2/15/73	77.12	+0.17	+0.03	-0.01	+0.05
✓	8/7/73	77.16	+0.21	+0.04	-0.03	-0.02
	4/16/74	77.12	+0.17	-0.04	-0.02	+0.01
	10/9/74	77.16	+0.21	+0.04	-0.11	-0.09
✓	4-30-75	77.16	+0.21	0.00	-0.12	-0.01
✓	9-17-75	77.20	+0.25	+0.04	-0.09	+0.03
✓	3/29/76	77.21	+0.26	+0.01	-0.12	+0.03
✓	3/2/77	77.25	+0.30	+0.04	-0.20	-0.08
	3/31/78	77.20	+0.25	-0.05	-0.04	+0.16

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
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

762OSS CE #310 5-66

F.B. 2227 Pg. 242

STA A-7 to A-8

NORTH = PLUS (+)
SOUTH = MINUS (-)

50.54

STA A-8

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
11/17/69	50.52	-0.02	-0.02	-0.03	-0.03
2/2/70	50.50	-0.04	-0.02	-0.03	0.00
5/18/70	50.49	-0.05	-0.01	0.00	+0.03
8/25/70	50.46	-0.09	-0.04	-0.02	-0.02
12/17/70	50.43	-0.11	-0.02	-0.07	-0.05
3/25/71	50.42	-0.12	-0.01	+0.02	+0.07
7/21/71	50.42	-0.12	0.00	-0.04	-0.06
1/14/72	50.42	-0.12	0.00	-0.04	0.00
6/27/72	50.30	-0.23	-0.11	-0.13	-0.09
2/15/73	50.39	-0.15	+0.09	-0.07	+0.06
9/7/73	50.37	-0.17	-0.02	-0.08	-0.01
4/16/74	50.35	-0.19	-0.02	-0.08	0.00
10/9/74	50.32	-0.22	-0.03	-0.19	-0.11
4-30-75	50.31	-0.23	-0.01	-0.21	-0.021
9-17-75	50.28	-0.26	-0.03	-0.165	+0.045
3/29/76	50.27	-0.27	-0.01	-0.20	-0.035
3/21/77	50.24	-0.30	-0.03	-0.26	-0.06
3/31/78	50.17	-0.37	-0.07	-0.11	+0.15

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

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

Notes Ck'd by	Survey of Bonita Ch Cutoff
Map No.	JN 0089400 Tape 226 Std 84 °F
Office Work	Surveyed by Guzzado
Checked	Notes ACG Date 4/69
Date	Indexed C. J. GALLI 10/25/69

F.B. 2937 Pg. 243

"A" LINE

STA A-8 to A-9

2.00

NORTH = PLUS (+)

SOUTH = MINUS (-)

STA A-9

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 1/1/69	2.00	0.00	0.00	-0.03	-0.03
✓ 2/2/70	2.00	0.00	0.00	-0.03	0.00
✓ 5/8/70	1.99	-0.01	-0.01	0.00	+0.03
✓ 8/20/70	2.00	0.00	+0.01	-0.02	-0.02
✓ 12/2/70	1.99	-0.01	-0.01	-0.06	-0.04
✓ 3/25/71	1.99	-0.01	0.00	+0.02	+0.08
✓ 7/21/71	2.00	0.00	+0.01	-0.04	-0.08
✓ 7/14/72	2.01	+0.01	+0.01	-0.03	+0.01
10/27/72	2.00	-0.00	-0.01	-0.12	-0.09
✓ 1/15/73	1.99	-0.01	-0.01	-0.06	+0.06
✓ 9/7/73	2.00	0.00	+0.01	-0.08	-0.02
4/16/74	2.00	0.00	0.00	-0.06	+0.02
10/9/74	2.01	+0.01	+0.01	-0.18	-0.12
✓ 1-30-75	2.00	0.00	-0.01	-0.195	-(+)0.015
✓ 7-17-75	2.00	0.00	0.00	-0.165	+0.030
3/29/76	2.00	0.00	0.00	-0.20	-(+)0.035
3/21/77	STA A-9 HAS BEEN HIT		— S/y 3 to 4 TENTHS		NOT USED

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
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

765-3099 CE #310 5-66

F.B. 2937 Pg. 244 "B" LINE STA B-2 to B-3

NORTH = PLUS (+)
SOUTH = MINUS (−)

7769

STA B-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
11/7/69	77.68	−0.01	−0.01	0.00	0.00
2/2/70	77.71	+0.02	+0.03	0.00	0.00
5/18/70	OUT			52 OUT	
8/25/70	77.68	−0.01	−0.01	0.00	0.00
11/3/70	77.70	+0.01	+0.02	0.00	0.00
3/25/71	77.70	+0.01	0.00	+0.01	+0.01
7/3/71	77.69	0.00	−0.01	+0.01	0.00
7/14/72	77.71	+0.02	+0.02	+0.01	0.00
6/27/73	77.70	+0.01	−0.01	+0.025	0.015
7/15/73	77.72	+0.03	+0.02	+0.01	−0.015
12/7/73	77.68	−0.01	−0.04	0.00	−0.01
4/16/74	77.70	+0.01	+0.02	+0.025	+0.025
8/8/74	77.70	+0.01	0.00	+0.02	0.00
4-30-75	77.69	0.00	−0.01	+0.01	−0.01
9-11-75	77.66	−0.03	−0.03	+0.02	+0.01
11-18-75	77.70	+0.01	+0.04	+0.015	−0.005
3/29/76	77.68	−0.01	−0.02	+0.02	+0.005
3/21/77	77.75	+0.07 6	+0.08 7	0.00	−0.02
3/30/78	77.74	+0.05	−0.01	+0.02	+0.02

PLEASE RETURN TO
LOS ANGELES 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 on Circled in Red Ink with Date and Name of Person Making Change.

Notes Ck'd by	Survey of Biscailuz Ct. Subsid
Map No.	JN008400 Tape 226 Std 84 °F
Office Work	Surveyed by Guizado
Checked	Notes ACG Date 11/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 245

"B" LINE

STA B-3 to B-4

38.78

NORTH = PLUS (+)

SOUTH = MINUS (-)

STA B-4

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
11/17/69	38.78	0.00	0.00	-0.01	-0.01
2/2/70	38.78	0.00	0.00	-0.01	0.00
3/8/70	38.79	+0.01	+0.01	B-2 OUT	
8/25/70	38.77	-0.01	-0.02	0.00	0.00
12/17/70	38.77	-0.01	0.00	0.00	0.00
3/25/71	38.76	-0.02	-0.01	+0.02	+0.02
7/21/71	38.80	+0.02	+0.04	+0.02	0.00
1/14/72	38.78	0.00	-0.02	+0.02	0.00
6/27/72	38.78	0.00	0.00	+0.02	0.00
8/15/73	38.75	-0.03	-0.03	+0.01	-0.01
9/7/73	38.76	-0.02	+0.01	+0.01	0.00
4/16/74	38.74	-0.04	-0.02	+0.025	+0.015
10/8/74	38.77	-0.01	+0.03	+0.03	+0.005
4-30-75	38.80	+0.02	+0.03	+0.015	-0.015
9-17-75	38.78	0.00	-0.02	+0.025	+0.01
11-18-75	38.76	-0.02	-0.02	+0.02	-0.005
3/29/76	38.77	-0.01	+0.01	+0.03	+0.01
3/21/77	38.80	+0.02	+0.03	+0.02	-0.01
3/30/78	38.76	-0.02	-0.04	+0.025	+0.005

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

6P2095 CE #310 5-66

F.B. 2937 PG 246

STA B4 to B5

NORTH = PLUS (+)

SOUTH = MINUS (−)

17.99

STA B-5

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1/7/63	17 99	0 00	0 00	0 00	0 00
2/2/70	17 99	0 00	0 00	− 0 02	− 0 02
5/8/70	17 99	0 00	0 00	B2 OUT	
8/25/70	17 99	0 00	0 00	0 00	0 00
3/25/71	18 04	− 0 02	+ 0 02	+ 0 01	+ 0 01
7/21/71	18 01	0 00	0 00	+ 0 01	0 00
1/14/72	18 03	+ 0 04	+ 0 02	+ 0 01	0 00
6/29/72	18 01	+ 0 02	− 0 02	+ 0 03	+ 0 02
2/1/73	18 03	+ 0.04	+ 0 02	0 00	− 0 03
9/7/73	18.03	+ 0.04	0.00	+ 0.02	+ 0.02
4/16/74	18.05	+ 0.06	+ 0.02	+ 0.01	− 0.01
10/9/74	18.03	+ 0.04	− 0.02	0.00	− 0.01
2-30-75	18.04	+ 0.05	+ 0.01	+ 0.01	+ 0.01
9-17-75	18.02	+ 0.03	− 0.02	+ 0.015	+ 0.005
11-18-75	18.03	+ 0.04	+ 0.01	− 0.01	− 0.025
3/29/76	18.02	+ 0.03	− 0.01	+ 0.02	+ 0.03
3/21/77	18 04	+ 0 05	+ 0.02	0 00	− 0.02
3/31/78	18.04	+ 0.05	0.00	0 00	0.00

PLEASE RETURN TO
LOS ANGELES 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 Groud in Red Ink With Date and Name of Person Making Change

Notes Ck'd by	Survey of Biscailuz Ctr School
Map No.	JN 00RV.00 Tape 2L Std 72 °F
Office Work	Surveyed by Guizado
Checked	Notes ACG Date 11/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg 247

"B" LINE

STA B-5 to B-6

2.00

NORTH = PLUS (+)

SOUTH = MINUS (-)

STA B-6

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 11/7/66	2.00	0.00	0.00	0.00	0.00
✓ 2/2/70	2.00	0.00	0.00	-0.02	-0.02
5/8/70	2.00	0.00	0.00	B-2 OUT	
✓ 8/25/70	2.00	0.00	0.00	+0.02	+0.04
3/25/71	2.00	0.00	0.00	+0.02	0.00
✓ 7/21/71	2.00	0.00	0.00	+0.02	+0.00
✓ 7/14/72	1.99	-0.01	-0.01	+0.02	0.00
6/27/72	1.99	-0.01	0.00	+0.03	+0.01
✓ 1/5/73	2.00	+0.00	+0.01	0.00	-0.03
✓ 9/7/73	2.00	0.00	0.00	+0.02	+0.02
8/16/74	2.01	+0.01	+0.01	+0.025	+0.005
10/9/74	2.00	0.00	-0.01	+0.02	-0.005
✓ 4/30/75	1.995	-0.005	-0.005	+0.03	+0.01
✓ 9/17/75	1.99	-0.01	-0.005	+0.045	+0.015
✓ 12/8/75	2.00	0.00	+0.01	+0.02	-0.025
✓ 3/29/76	2.00	0.00	0.00	+0.02	0.00
✓ 3/21/77	2.00	0.00	0.00	0.00	-0.02
3/21/78	2.01	+0.01	+0.01	+0.01	+0.01

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

7B-3098 | CE #310 5-66

F.B. 2937 Pg. 248

NORTH = PLUS (+)
SOUTH = MINUS (−)

STA B-6 · B-7
75.11

STA B-7

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1/17/69	75.14	+0.03	+0.03	−0.01	−0.01
2/12/70	75.16	+0.05	+0.02	−0.04	−0.03
5/8/70	75.16	+0.05	0.00	B2 OUT	
8/25/70	75.19	+0.08	+0.03	−0.01	+0.02
12/17/70	75.17	+0.06	−0.02	−0.03	+0.02
3/30/71	75.23	+0.12	+0.06	+0.01	+0.04
7/21/71	75.27	+0.16	+0.04	−0.03	−0.04
1/14/72	75.28	+0.17	+0.01	−0.04	−0.01
6/27/72	75.31	+0.20	+0.03	−0.02	+0.02
2/15/73	75.32	+0.21	+0.01	−0.09	+0.07
9/17/73	75.33	+0.22	+0.005	−0.07	+0.02
4/16/74	75.34	+0.23	+0.01	−0.09	+0.02
10/9/74	75.38	+0.27	+0.04	−0.16	−0.07
1/30/75	75.39	+0.28	+0.01	−0.09	+0.07
5/17/75	75.44	+0.33	+0.05	−0.07	+0.02
3/29/76	75.47	+0.36	+0.03	−0.11	−0.04
3/22/77	75.54	+0.43	+0.07	−0.13	−0.02
3/31/78	75.53	+0.42	−0.01	−0.14	−0.01

PLEASE RETURN TO
LOS ANGELES 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.

Notes Ck'd by:	Survey of: Brookline Chaparral
Map No.	JN 0038.00 Tape 200 Std 84 °F
Office Work	Surveyed by: Galindo
Checked	Notes: AGG Date 11/69
Date	Indexed: C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 249

"B" LINE

STA B-7 to B-8

NORTH = PLUS (+)
SOUTH = MINUS (-)

53.19

STA B-8

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1/15/69	53.18	-0.01	-0.01	-0.01	-0.01
4/2/70	53.16	-0.03	-0.02	-0.03	-0.02
5/8/70	53.13	-0.06	-0.03	52.007	
8/25/70	53.08	-0.11	-0.05	-0.01	+0.02
9/17/70	53.07	-0.12	-0.01	+0.02	+0.01
3/26/71	53.04	-0.15	-0.03	0.00	+0.02
7/21/71	53.04	-0.15	0.00	0.00	0.00
1/14/72	53.03	-0.16	-0.01	-0.01	-0.01
6/27/72	53.00	-0.19	-0.03	+0.005 REV	+0.015
2/15/73	52.99	-0.20	-0.01	-0.06	-0.065
9/7/73	52.96	-0.23	-0.03	-0.025	+0.035
8/16/74	52.92	-0.27	-0.04	-0.03	-0.005
10/10/74	52.89	-0.30	-0.03	-0.12	-0.09
9-20-75	52.85	-0.34	-0.04	-0.02	+0.10
9-17-75	52.81	-0.38	-0.04	0.00	+0.02
3/29/76	52.80	-0.39	-0.01	-0.04	-0.04
3/22/77	52.73	-0.46	-0.07	-0.07	-0.03
3/31/78	52.61	-0.58	-0.12	-0.05	+0.02

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

Do not extend this side of this line.

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

6P3005 CE #310 5-66

F.B. 2937 Pg. 250

NORTH = PLUS (+)
SOUTH = MINUS (−)

Sta 88 to 89

200

Sta B-9

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
11/17/69	2.00	0.00	0.00	−0.02	−0.02
2/12/70	2.00	0.00	0.00	−0.03	−0.01
5/18/70	2.00	0.00	0.00	B2 out	
8/25/70	2.00	0.00	0.00	−0.01	+0.02
12/17/70	2.00	0.00	0.00	−0.02	−0.01
3/25/71	2.00	0.00	0.00	+0.01	+0.03
7/21/71	2.02	+0.02	+0.02	−0.01	−0.02
1/14/72	2.02	+0.02	0.00	−0.02	−0.01
6/27/72	2.015	+0.015	−0.005	0.00	+0.02
2/15/73	2.01	+0.01	−0.005	−0.07	−0.07
9/17/73	2.02	+0.02	+0.01	−0.03	+0.04
3/16/74	2.01	+0.01	−0.01	−0.04	−0.01
10/9/74	2.02	+0.02	+0.01	−0.13	−0.09
4-30-75	2.015	+0.015	−0.005	−0.04	+0.09
9-17-75	2.02	+0.02	+0.005	−0.02	+0.02
3/29/76	2.02	+0.02	0.00	−0.05	−0.03
3/22/77	2.01	+0.01	−0.01	−0.08	−0.03
3/31/78	2.02	+0.02	+0.01	−0.07	+0.01

PLEASE RETURN TO
LOS ANGELES 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.

Notes Ck'd by	Survey of Biscailuz Ctr Sub	F.B. 2937 Pg. 251
Map No.	JN 008400 Tape 226 Std 64 °F	"C" LINE
Office Work	Surveyed by Guzado	STA C-2 to C-3
Checked	Notes ACG Date 11/69	
Date	Indexed C. J. GALLI NOV 25 '69	

NORTH = PLUS (+)
SOUTH = MINUS (−)

86.24

STA C-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 7/69	86.25	+0.01	+0.01	0.00	0.00
✓ 2/2/70	86.26	+0.02	+0.01	0.00	0.00
✓ 5/8/70	86.24	0.00	−0.02	0.00	0.00
✓ 8/25/70	86.28	+0.04	+0.04	−0.01	−0.01
✓ 12/17/70	86.26	+0.02	−0.02	−0.01	0.00
✓ 3/25/71	86.26	+0.02	0.00	−0.01	0.00
✓ 7/21/71	86.27	+0.03	+0.01	−0.01	0.00
✓ 1/14/72	86.27	+0.03	0.00	−0.01	0.00
6/27/72	86.27	+0.03	0.00	−0.02	−0.01
✓ 2/15/73	86.29	+0.05	+0.02	−0.02	0.00
✓ 9/7/73	86.27	+0.03	−0.02	−0.02	0.00
4/16/74	86.25	+0.01	−0.02	−0.015	+0.005
10/8/74	86.26	+0.02	+0.01	−0.03	−0.015
✓ 4-30-75	86.25	+0.01	−0.01	−0.035	−0.005
✓ 9-17-75	86.235	−0.005	−0.015	−0.01	+0.025
✓ 3/29/76	86.22	−0.02	−0.015	−0.02	−0.01
✓ 3/21/77	86.25	+0.01	+0.03	−0.02	0.00
3/30/78	86.27	+0.03	+0.02	−0.02	0.00

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

Do not extend this side of this line.

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

6P2095 CE #310 5-66

F.B. 2937 PG. 252

NORTH = PLUS (+)
SOUTH = MINUS (-)

STA C-3 to C-4

37.57

STA C-4

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
11/20/69	37.56	-0.01	-0.01	0.00	0.00
2/2/70	37.58	+0.01	+0.02	0.00	0.00
5/18/70	37.57	0.00	-0.01	0.00	0.00
8/25/70	37.57	0.00	0.00	0.00	0.00
12/7/70	37.57	0.00	0.00	+0.01	+0.01
3/26/71	37.58	+0.01	+0.01	-0.01	-0.02
8/15/71	37.56	-0.01	-0.02	-0.01	0.00
11/4/72	37.56	-0.01	0.00	+0.02	+0.02
6/27/72	37.56	-0.01	0.00	0.00	-0.02
2/15/73	37.56	-0.01	0.00	+0.02	+0.02
9/[illegible]/73	37.61	+0.04	+0.05	+0.01	-0.01
9/11/74	37.55	-0.02	-0.06	+0.01	0.00
10/8/74	37.57	0.00	+0.02	+0.01	0.00
4-30-75	37.56	-0.01	-0.01	-0.01	-0.02
9-17-75	37.57	0.00	+0.01	0.00	+0.01
40.06	SEE F.B. 2937-206	3/29/76 NOW MEAS TO 2" IP		CC-4A	
3/29/76	40.06	+0.02	0.00	0.00	0.00
3/21/77	40.09	+0.05	+0.03	0.00	0.00
3/30/78	40.10	+0.06	+0.01	0.00	0.00

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
405 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

Notes Ck'd by		Survey of Biscaiino Chr. Cabrillo	F.B. 2937 Pg. 253
Map No.		JN 00800 Tape 226 Std. 54 °F	"C" LINE
Office Work		Surveyed by Guizado	STA C4 to C-5
Checked		Notes ACB Date 1/69	25.72
Date		Indexed C. J. GALLI NOV 25 '69	

NORTH = PLUS (+)
SOUTH = MINUS (−)

STA C-5

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 1/17/69	25.69	−0.03	−0.03	0.00	0.00
2/2/70	25.70	−0.02	+0.01	0.00	0.00
5/8/70	25.73	+0.01	+0.03	−0.00	−0.00
9/25/70	25.72	0.00	−0.01	−0.02	−0.02
[illegible]/2/70	25.70	−0.02	−0.02	−0.01	+0.01
✓ 3/25/71	25.73	+0.01	+0.03	−0.01	0.00
✓ 7/21/71	25.70	−0.02	−0.03	−0.04	−0.03
✓ 1/14/72	25.73	+0.01	+0.03	0.00	+0.03
6/27/72	25.73	+0.01	0.00	−0.03	−0.03
✓ 12/15/73	25.73	+0.01	0.00	0.00	+0.03
✓ 9/7/75	25.71	−0.01	−0.02	−0.02	−0.02
8/16/74	25.72	0.00	+0.01	−0.05	−0.03
10/9/74	25.71	−0.01	−0.01	−0.01½	+0.03½
✓ 4-30-75	25.72	0.00	+0.01	−0.03	−0.015
✓ 9-17-75	25.69	−0.03	−0.03	−0.02	+0.01
25.69 − 2.47 = 23.22 SEE F.B. 2937-206		3/29/76 NOW MEAS C-4A to C-5			
✓ 3/29/76	23.22	0.00	0.00	−0.02	0.00
✓ 3/21/77	23.18	−0.04	−0.04	0.00	+0.02
3/31/78	23.18	−0.04	0.00	−0.04	−0.04

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
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

7623098 CR #310 5-68

F.B. 2937 Pg. 254

STA C-5 to C-6

NORTH = PLUS (+)

SOUTH = MINUS (−)

2.00

STA C-6

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
11/7/69	2.00	0.00	0.00	0.00	0.00
2/2/70	2.00	0.00	0.00	0.00	0.00
5/18/70	1.99	−0.01	−0.01	−0.00	−0.00
9/20/70	1.99	−0.01	0.00	+0.02	+0.02
12/17/70	2.00	0.00	+0.01	−0.01	+0.01
3/25/71	2.00	0.00	0.00	0.00	+0.01
7/21/71	2.01	+0.01	+0.01	−0.02	−0.02
7/14/72	2.00	0.00	−0.01	+0.01	−0.03
2/7/72	2.00	0.00	0.00	−0.01	−0.02
2/15/73	2.00	0.00	0.00	0.00	+0.01
9/7/73	2.01	+0.01	+0.01	0.00	0.00
8/16/74	2.00	0.00	−0.01	0.00	0.00
10/9/74	2.00	0.00	0.00	0.00	0.00
4-30-75	2.01	+0.01	+0.01	−0.01	−0.01
9-17-75	2.01	+0.01	0.00	0.00	+0.01
3/29/76	2.00	−0.00	−0.01	0.00	0.00
3/21/77	2.01	+0.01	+0.01	0.00	0.00
3/31/78	2.01	+0.01	0.00	−0.02	−0.02

PLEASE RETURN TO
LOS ANGELES 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

Notes Ck'd by	Survey of Rosemead Cal-Sub
Map No.	INDEX 00 Tape 226 Std 24 °F
Office Work	Surveyed by Guzzado
Checked	Notes Arb Date 11/66
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 PG. 255

"C" LINE

STA C6 to C7

NORTH = PLUS (+)
SOUTH = MINUS (−)

72.98

STA C-7

DATE	DISTANCE	TOTAL SPREAD	PER 100 SPREAD	TOTAL SHEAR	PER 100 SHEAR
11/7/69	72.99	+0.01	+0.01	0.00	0.00
2/3/70	73.00	+0.02	+0.01	0.00	0.00
5/8/70	73.00	+0.02	0.00	0.00	0.00
8/25/70	72.99	+0.01	−0.01	−0.01	−0.01
11/17/70	72.98	0.00	−0.01	−0.03	−0.02
3/25/71	73.01	+0.03	+0.03	−0.04	−0.01
7/21/71	73.03	+0.05	+0.02	−0.07	−0.03
11/14/72	73.03	+0.05	0.00	−0.05	+0.02
6/27/72	73.04	+0.06	+0.01	−0.08	−0.03
2/15/73	73.01	+0.03	−0.03	−0.08	0.00
9/7/73	73.04	+0.06	+0.03	−0.12	−0.04
2/14/74	73.02	+0.04	−0.02	−0.12	0.00
10/9/74	73.03	+0.05	+0.01	−0.11	+0.01
4-30-75	73.03	+0.05	0.00	−0.16	−0.05
9/17/75	73.07	+0.09	+0.04	−0.15	+0.01
3/29/76	73.05	+0.07	−0.02	−0.15	0.00
3/21/77	73.10	+0.12	+0.05	−0.14	+0.01
3/31/78	73.05	+0.07	−0.05	−0.17	−0.03

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P2095 CE #310 8-66

F.B. 2937 PG 256

NORTH = PLUS (+)

SOUTH = MINUS (−)

STA C-7 to C-8

57.66

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	STA C-8 TOTAL SHEAR	STA C-8 PERIOD SHEAR
11/12/69	57.66	0.00	0.00	+0.02	+0.02
2/2/70	57.65	−0.01	−0.01	+0.01	−0.01
5/8/70	57.65	−0.01	0.00	0.00	−0.01
8/25/70	57.66	0.00	+0.01	−0.02	−0.02
12/17/70	57.65	−0.01	−0.01	−0.02	0.00
3/25/71	57.66	0.00	+0.01	−0.04	−0.02
7/21/71	57.67	+0.01	+0.01	−0.06	−0.02
1/4/72	57.70	+0.04	+0.03	−0.02	+0.04
6/27/72	57.69	+0.03	−0.01	−0.07	+0.05
12/15/72	57.71	+0.05	+0.02	−0.05	−0.02
9/7/73	57.71	+0.05	0.00	−0.095	−0.045
8/14/74	57.71	+0.05	0.00	−0.09	+0.005
10/9/74	57.71	+0.05	0.00	−0.06	+0.03
4-30-75	57.68	+0.02	−0.03	−0.14	−0.08
9-17-75	57.68	+0.02	0.00	−0.12	+0.02
3/29/76	57.70	+0.04	+0.02	−0.11	+0.01
3/21/77	57.70	+0.04	0.00	−0.11	0.00
3/31/78	57.69	+0.03	−0.01	−0.14	−0.03

PLEASE RETURN TO
LOS ANGELES 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 on Circled in Red Ink With Date and Name of Person Making Change

Notes Ck'd by	Survey of Biscailuz Ch Subsid
Map No.	JN 008400 Tape 22L Std 84 °F
Office Work	Surveyed by Guizado
Checked	Notes AGG Date 11/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 257

"C" LINE

STA C-8 to C-9

NORTH = PLUS (+)
South = MINUS (-)

2.00

STA C-9

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 11/7/69	2.00	0.00	0.00	+0.02	+0.02
✓ 2/2/70	2.00	0.00	0.00	+0.01	-0.01
✓ 5/8/70	2.00	0.00	0.00	0.00	-0.01
✓ 8/25/70	2.00	0.00	0.00	+0.00	+0.00
✓ 12/17/70	2.00	0.00	0.00	-0.01	-0.01
✓ 3/25/71	2.00	0.00	0.00	-0.04	-0.03
✓ 7/21/71	2.01	+0.01	+0.01	-0.06	-0.02
✓ 1/14/72	2.01	+0.01	0.00	-0.01	+0.05
6/27/72	2.01⁵	+0.01⁵	+0.00⁵	-0.07	-0.06
✓ 2/15/73	2.02	+0.02	+0.00⁵	-0.05	(-)+0.02
✓ 9/7/73	2.02	+0.02	0.00	-0.09	-0.04
4/16/74	2.02	+0.02	0.00	-0.10	-0.01
10/9/74	2.02	+0.02	0.00	-0.06	+0.04
✓ 4-30-75	2.025	+0.025	+0.005	-0.145	-0.085
✓ 9-17-75	2.03	+0.03	+0.005	-0.12	+0.025
✓ 3/29/76	2.03	+0.03	0.00	-0.11	+(-)0.01
✓ 3/21/77	2.02	+0.02	-0.01	-0.11	0.00
3/31/78	2.03	+0.03	+0.01	-0.13	-0.02

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

Do not extend this side of this line.

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

76P309S CE #310 5-66

F.B. 2937 PG 258

"D" LINE

STA D-2 to D-3

154.01

NORTH = PLUS (+)

SOUTH = MINUS (−)

STA D-3

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
7/7/69	153.98	−0.03	−0.03	0.00	0.00
2/4/70	154.00	−0.01	+0.02	+0.02	+0.02
5/8/70	154.00	−0.01	0.00	0.00	−0.02
8/20/70	153.98	−0.03	−0.02	+0.01	+0.01
11/4/70	153.97	−0.04	−0.01	0.00	−0.01
3/25/70	153.98	−0.03	+0.01	+0.01	+0.01
7/21/71	153.99	−0.02	+0.01	0.00	−0.01
1/4/72	153.99	−0.02	0.00	0.00	0.02
6/20/72	153.96	−0.05	−0.03	0.00	0.00
2/15/73	154.03	−0.02	0.01	+0.015	+0.015
9/17/73	153.99	−0.02	−0.04	−0.02	−0.035
9/16/74	153.98	−0.03	−0.01	−0.02	0.00
10/18/74	153.97	−0.04	−0.01	−0.03	−0.01
4-30-75	153.96	−0.05	−0.01	−0.02	+0.01
9-17-75	153.98	−0.03	+0.02	−0.055	−0.035
5/9/76	153.99	−0.02	+0.01	−0.035	+0.02
3/21/77	154.00	−0.01	+0.01	−0.04	−0.005
3/13/78	153.99	−0.02	−0.01	−0.06	−0.02

PLEASE RETURN TO
LOS ANGELES 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

Notes Ck'd by	Survey of Brown Cte Subdiv
Map No.	JN 002400 Tape 206 Std 84°F
Office Work	Surveyed by Ent Zarko
Checked	Notes 4CG Date 11/69
Date	Indexed C. J. GALLI NOV 25 '69

F.B. 2937 Pg. 259

"D" LINE

STA D-3 to D-4

NORTH = PLUS (+)

SOUTH = MINUS (-)

2.00

STA D-4

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 11/17/69	2.00	0.00	0.00	-0.02	-0.02
✓ 2/2/70	2.00	0.00	0.00	+0.02	+0.04
✓ 5/8/70	2.00	0.00	0.00	0.00	-0.02
✓ 6/25/70	2.00	0.00	0.00	0.00	+0.00
✓ 3/10/70	2.00	0.00	0.00	-0.03	-0.03
✓ 3/10/70	2.00	0.00	0.00	-0.03	0.00
✓ 1/21/71	2.02	+0.02	+0.02	-0.03	0.00
✓ 1/18/71	2.02	+0.02	0.00	-0.02	+0.01
6/27/72	2.02	+0.02	0.00	-0.03	-0.01
✓ 1/15/73	2.00	0.00	-0.02	-0.02	+0.01
✓ 9/7/73	2.00	0.00	0.00	-0.05	-0.03
4/16/74	1.99	-0.01	-0.01	-0.05	0.00
10/8/74	1.99	-0.01	0.00	-0.06	-0.01
✓ 4-30-75	1.99	-0.01	0.00	-0.055	+0.005
✓ 9-17-75	1.99	-0.01	0.00	-0.08	-0.025
✓ 3/29/76	1.99	-0.01	0.00	-0.06	+0.02
✓ 3/28/77	2.00	0.00	+0.01	-0.07	-0.01
3/31/78	2.00	0.00	0.00	-0.09	-0.02

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

Do not extend this side of this line.

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

7653095 CE #310 5-66

F.B. 2937 Pg 260

NORTH = PLUS (+)
SOUTH = MINUS (-)

STA D-4 to D-5
86.71

STA D-5

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
1/7/69	86.76	+0.05	+0.05	+0.02	+0.02
2/2/70	86.77	+0.06	+0.01	+0.03	+0.01
5/18/70	86.78	+0.07	+0.01	+0.02	-0.01
6/25/70	86.80	+0.09	+0.02	+0.05	+0.03
12/22/70	86.83	+0.12	+0.03	+0.05	0.00
8/25/71	86.83	+0.12	0.00	+0.03	-0.02
1/21/71	86.88	+0.17	+0.05	0.00	-0.03
1/14/72	86.88	+0.17	0.00	+0.01	+0.01
6/27/72	86.88	+0.17	0.00	-0.005	-0.015
2/15/73	86.90	+0.19	+0.02	+0.03	+0.035
9/7/73	86.95	+0.24	+0.05	+0.03	0.00
4/16/74	86.96	+0.25	+0.01	+0.01	-0.04
10/9/74	87.01	+0.30	+0.05	-0.01	0.00
4-30-75	87.01	+0.30	0.00	+0.01	+0.02
9-17-75	87.02	+0.31	+0.01	-0.01	-0.02
3/19/76	87.04	+0.33	+0.02	+0.02	+0.03
3/22/77	87.06	+0.35	+0.02	+0.15	+0.13
3/31/78	87.11	+0.40	+0.05	+0.05	+0.10

PLEASE RETURN TO
LOS ANGELES 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

Notes Ck'd by	Survey of Biscailuz Ch Sub	F.B. 2937 Pg. 261
Map No.	JN 008400 Tape 226 Std 84 °F	"D" LINE
Office Work	Surveyed by Guizado	STA D-5 to D-6
Checked	Notes ACG Date 4/69	
Date	Indexed D. J. GALLI NOV 25 '69	

NORTH = PLUS (+)
SOUTH = MINUS (−)

63.25

STA D-6

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
✓ 11/17/69	63.22	−0.03	−0.03	+0.02	+0.02
✓ 2/2/70	63.21	−0.04	−0.01	+0.01	−0.01
✓ 5/8/70	63.19	−0.06	−0.02	+0.02	+0.01
✓ 8/25/70	63.16	−0.09	−0.03	0.00	−0.02
✓ 12/22/70	63.14	−0.11	−0.02	−0.02	+0.02
✓ 3/25/71	63.14	−0.11	0.00	+0.01	+0.03
✓ 7/21/71	63.11	−0.14	−0.04	+0.02	+0.01
✓ 1/14/72	63.10	−0.15	−0.01	0.00	−0.02
6/27/72	63.07	−0.18	−0.03	−0.01⁵	−0.01⁵
✓ 2/15/73	63.08	−0.17	+0.01	+0.01⁵	+0.03
✓ 8/7/73	63.03	−0.22	−0.05	−0.02	−0.03⁵
4/16/74	63.00	−0.25	−0.03	−0.02	0.00
10/9/74	62.97	−0.28	−0.03	−0.03⁵	+0.01⁵
✓ 4-30-75	62.93	−0.32	−0.04	0.00	+0.03⁵
✓ 9-17-75	62.89	−0.36	−0.04	−0.05	−0.05
✓ 3/29/76	62.86	−0.39	−0.03	0.00	+0.05
✓ 3/22/77	62.81	−0.44	−0.05	+0.13	+0.13
3/31/78	62.73	−0.52	−0.08	−0.05	−0.18

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
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3095 CE #310 5-66

F.B. 2937 PG. 862

NORTH = PLUS (+)
SOUTH = MINUS (−)

STA D-6 to D-7

200

STA D-7

DATE	DISTANCE	TOTAL SPREAD	PERIOD SPREAD	TOTAL SHEAR	PERIOD SHEAR
11/12/69	2.00	0.00	0.00	+0.02	+0.02
2/2/70	2.00	0.00	0.00	+0.01	−0.01
5/18/70	2.01	+0.01	+0.01	+0.02	+0.01
5/25/70	2.00	0.00	−0.01	0.00	−0.02
12/7/70	2.00	0.00	0.00	−0.02	+0.02
3/25/71	2.00	0.00	0.00	+0.01	+0.03
9/21/71	2.02	+0.02	+0.02	+0.03	+0.02
1/14/72	2.01	+0.01	−0.01	0.00	−0.03
6/27/72	2.02	+0.02	+0.01	−0.015	−0.015
2/15/73	2.03	+0.03	+0.01	0.00	+0.015
8/7/73	2.03	+0.03	0.00	−0.025	−0.04
4/16/74	2.02	+0.02	−0.01	−0.02	+0.005
10/9/74	2.03	+0.03	+0.01	−0.02	0.00
7-30-75	2.03	+0.03	0.00	−0.01	+0.01
11-17-75	2.02	+0.02	−0.01	+0.05	−0.04
1/29/76	2.00	0.00	−0.02	−0.01	+0.04
8/22/77	2.00	0.00	0.00	+0.14	+0.15
1/31/78	2.02	+0.02	+0.02	−0.045	−0.185

PLEASE RETURN TO
LOS ANGELES 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 on Grided in Red Ink With Date and Name of Person Making Change.

Profile No.	Notes Red	Plotted	Job No. 0084.00	Division No. 11	F. B. 2937 PG. 263
	Date	Date	Survey of Biscailuz Ctr. Subsidence CHECK		
X-Sec. No.	Notes Chk'd.	Checked	Survey by ACG	Notes ACG	Date 11/17/69
	Date	Date	Map No.	Indexed G. J. GALLI	Date NOV 25 '69

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 SUBSIDENCE
					RE-RUN OF BENCH
					LEVELS
					NOV 17, 1969
					Guizado
					West
					MOYA
					SYKES

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	3 55	623 01		619 46	BM #1 FB 887-7; FB1136-29; FB1668-12 ELEV = 619.458 (1944) WATER TANK CUT "X" IN BOLT HEAD IN BEARING PLATE OF SE'ly LEG OF WATER TANK
BM #1A	0 95	620 26	3 70	619 31	BM #1A FB1668-6 ELEV = 619.317 (1944) WATER TANK TOWER - Bt spk in conc
TP	6 19	614 85	11 60	608 66	Pillar of NE'ly LEG OF WATER TANK
D-1	4 28	614 16	4 97	609 88	D-1 FB 2937-204 CH "X"
C-1			4 21	609 95	C-1 " "
B-1			4 34	609 82	B-1 " -203 "
A-1			1 99	612 17	A-1 " METAL ROD
D-2			4 56	609 60	D-2 " -204 Lg Bt spk T&W
C-2	11 41	620 98	4 59	609 57	C-2 " Ld & CE TAG
B-2			11 11	609 87	B-2 " -203 Lg Bt spk T&W
A-4			0 49	620 49	A-4 " 205 "
A-5			7 94	613 04	A-5 " 2" IP & Sm Bt spk in conc
A-6			7 92	613 06	A-6 " "
TP	7 93	627 39	1 52	619 46	
A-3			4 20	623 19	A-3 " -203 1" IP & CE TAG
A-2			3 80	623 59	A-2 " "
TP	1 33	616 96	11 76	615 63	
TP	9 11	614 73	11 34	605 62	

F. B. 2937 PG. 264 Job No. 0084 00 Division No. 11 Notes Red Plotted Profile
Survey of Biscailuz Ctr. Subsidence Date Date No.
Survey by ACG Notes ACG Notes Chk'd. H. HOLMAN Checked X-Sec.
Indexed C. J. GALLI Date Date MAR 4 70 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 73					
B-3			10 12	✓604 61	B-3	FB2937-203	Lg Bt spk T&W
B-4			3 73	✓611 00	B-4	" 205	Ld & CE TAG
B-5			7 36	✓607 37	B-5	"	2" IP & Sm Bt spk in conc
B-6			6 67	✓608 06	B-6	"	"
TP	1 73	✓606 33	10 13	✓604 60			
C-3			0 76	✓606 07	C-3	" -204	Lg Bt spk T&W
C-4			1 44	✓604 89	C-4	" -206	Ld & CE TAG
C-5			10 33	✓596 00	C-5	"	2" IP & Sm Bt spk in conc
C-6			9 77	✓596 56	C-6	"	"
TP	0 37	595 47	11 23	✓595 10			
TP	0 26	588 80	6 93	✓588 54			
D-3			9 68	✓579 12	D-3	"	"
D-4			9 11	✓579 69	D-4	"	"
TP	0 51	578 07	11 24	✓577 56			
TP	0 44	567 16	11 35	✓566 72			
TP	0 25	556 18	11 23	✓555 93			
POT			10 73	✓545 45	POT	" -208	Spk & T
D-5			4 72	✓551 46	D-5	"	Lg Bt spk T&W
D-6			4 19	✓551 99	D-6	"	2" IP & Sm Bt spk in conc
D-7			3 60	✓552 58	D-7	"	"

Profile Notes Red ____ Plotted ____ Job No. 0084 00 Division No. 11 F.B. 2937 PG. 265
No. ____ Date ____ Date ____ Survey of Biscailuz Center Subsidence Check
X-Sec. Notes Chk'd H. HOLMAN Checked ____ Survey by ACG Notes ACG Date 11/17/69
No. ____ Date MAR 4 70 Date ____ Map No. ____ Indexed C. J. GALLI Date NOV 25 '69

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.			
		556 18					
TP	11 88	567 41	0 65	555 53			
C-7			9 41	558 00	C-7	FB2937 - 209	Lg Bt spk T&W
C-8			10 39	557 02	C-8	"	2" IP & Sm Bt spk in conc
C-9			8 54	558 87	C-9	"	"
B-7			4 69	562 72	B-7	"	Lg Bt spk T&W
B-8			5 98	561 43	B-8	"	2" IP & Sm Bt spk in conc
B-9			5 43	561 98	B-9	"	"
A-9	5 17	572 12	0 46	566 95	A-9	" -210	"
A-8			6 00	566 12	A-8	"	"
A-7			4 79	567 33	A-7	"	Lg Bt spk T&W
PI #3			2 87	569 25	PI #3	"	1" IP & CE TAG
TP	11 78	573 94	9 96	562 16			
TP	11 97	585 72	0 19	573 75			
TP	11 81	597 14	0 39	585 33			
TP	11 68	606 77	2 05	595 09			
TP	8 74	614 80	0 71	606 06			
TP	4 57	614 13	5 24	609 56			
TP	4 19	614 62	3 70	610 43			
TP	11 66	620 31	5 97	608 65			
BM #1			0 85	619 46	BM #1	SEE PG 264	ELEV: 619.458 (1944)

F. B. 2937 PG. 266
Job No. 0084 00 Division No. 11 Notes Red Plotted Profile
Survey of Biscailuz Ctr Subsidence Ctr Date H. HOLMAN Date No. X-Sec.
Survey by ACG Notes ACG Notes Chk'd. Checked No.
Indexed C. J. GALLI Date MAR 4 70 Date No.

Profile No.	Notes Red	Plotted	Job No. 0084.00	Division No. 11	F. B. 2937 Pg. 267
	Date	Date	Survey of SUBSIDENCE CHECK		
X-Sec. No.	Notes Ch'k'd. E. HOLMAN	Checked	Survey by ACG	Notes ACG	Date FEB 2, 1970
	Date MAR 4 70	Date	Map No.	Indexed C. J. GALLI	Date FEB 4 70

JOB NO 0084.00

BISCAILUZ CENTER RESERVOIRS

SUBSIDENCE CHECK

RE-RUN OF BENCH LEVELS

FEB 2, 1970

GUIZADO
MASSEY
WEST
SYKES

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.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM #1	3 59	623 05		619 46	BM #1 FB887-7; FB1136-29; FB1668-12 ELEV = 619458 (1944) WATER TANK CUT "X" in BOLT HEAD in BEARING plate of SE'Y LEG of WATER TANK	
BM #1A	1 54	620 85	3 74	619 31	BM #1A FB1668-6 ELEV = 619.317 (1944) WATER TANK TOWER - BT SPK in CONC	
TP	5 79	614 72	11 92	608 93	PILLAR of NE'Y LEG of WATER TANK	
D-1	4 03	613 91	4 84	609 88	D-1 FB 2937-204	CH "X"
C-1			3 95	609 96	C-1 "	"
A-1			1 74	612 17	A-1 " 203	METAL ROD
C-2			4 34	609 57	C-2 " 204	Ld & CE TAG
D-2	5 26	614 87	4 30	609 61	D-2 "	Lg BT SPK W&T
B-2			5 01	609 86	B-2 " 203	"
B-1			5 05	609 82	B-1 "	CH "X"
TP	11 58	626 25	0 20	614 67	TP	
A-2			2 65	623 60	A-2 "	1" IP & CE TAG
A-3			3 06	623 19	A-3 "	"
A-4			5 76	620 49	A-4 " 205	Lg BT SPK W&T
TP	2 05	617 87	10 43	615 82	TP	
A-5			4 81	613 06	A-5 "	2" IP & Sm BT SPK in Conc
A-6			4 81	613 06	A-6 "	"
B-5			10 49	607 38	B-5 "	"
B-6	0 65	608 71	9 81	608 06	B-6 "	"

F. B. 2937 PG. 268 Job No. 008400 Division No. " Notes Red Plotted Profile
Survey of SUBSIDENCE CHECK Date Date No.
Survey by ACG Notes ACG Notes Chk'd. H. HOLMAN Checked X-Sec.
Indexed D. J. GALLI Date Date MAR 4 '70 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.		
		608 71				
C-4	4 91	609 8.0	3 82	604 89	C-4	FB2937 pg 206 Ld & CE TAG
C-3			3 72	606 08	C-3	" 204 Lg B/spk W&T
B-3	6 97	611 58	5 19	604 61	B-3	" 203 "
B-4			0 57	611 01	B-4	" 205 Ld & CE TAG
TP	0 87	605 76	6 69	604 89	TP	
C-5			9 81	595 95	C-5	" 206 2" IPF Sm B/spk in conc
C-6			9 20	596 56	C-6	" "
TP	1 89	596 70	10 95	594 81		
TP	0 26	586 09	10 87	585 83		
D-3			6 96	579 13	D-3	" "
D-4			6 39	579 70	D-4	" "
TP	1 10	576 31	10 88	575 21		
TP	0 30	566 07	10 54	565 77		
TP	0 62	555 80	10 89	555 18		
POT			10 39	545 41	POT	" 208 spk & T
D-5			4 38	551 42	D-5	" " Lg B/spk W&T
D-6			3 84	551 96	D-6	" " 2" IPF Sm B/spk in conc
D-7	11 31	563 86	3 25	552 55	D-7	" " "
C-7			5 88	557 98	C-7	" 209 Lg B/spk W&T
C-8			6 87	556 99	C-8	" 2" IPF Sm B/spk in conc

Profile Notes Red ____ Plotted ____ Job No. 2000 Division No. 11 F. B. 2937 Pg. 26
No. ____ Date ____ Date ____ Survey of Surveyed Check Notes Date 2-2-70
X-Sec. Notes Chk'd H. HOLMAN Checked ____ Survey by ACK Notes ACK
No. ____ Date MAR 4 70 Date ____ Map No. ____ Indexed C.G. GALLI Date FEB 4 70

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 ING, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

F. B. 2937 PG. 270 | Job No. 0084L00 | Division No. | Notes Red | Plotted | Profile
Survey of Sunshine Creek | Date | No.
Survey by ACG | Notes ACG | Notes Checked | Date | X-Sec.
Indexed C. U. GATT | Date | Notes Ckd. H. HOLMAN | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		563 86				
C-9			5 02	558 84	C-9 FB 2937 PG 209	2" IP & Sm Bt spk in con
B-7			1 16	562 70	B-7 " "	4 Bt spk Tow
B-8			2 47	561 39	B-8 " "	2" IP & Sm Bt spk in con
B-9	10 28	572 22	1 92	561 94	B-9 " "	"
A-7			4 91	567 31	A-7 " 210	4 Bt spk W & T
A-8			6 14	566 08	A-8 " "	2" IP & Sm Bt spk in con
A-9			5 31	566 91	A-9 " "	"
PI #3			2 99	569 23	PI #3 " "	1" IP & CE TAG
TP	11 34	571 88	11 68	560 54	TP	
TP	11 44	582 97	0 35	571 53	TP	
TP	11 43	594 07	0 33	582 64	TP	
TP	11 29	604 48	0 88	593 19	TP	
TP	11 42	614 93	0 97	603 51	TP	
D-1A	6 20	615 10	6 03	608 90	D-1A " 211	4 & tag
TP	4 48	614 35	5 23	609 87	TP	
TP	8 09	621 80	0 64	613 71	TP	
Bm #1			2 33	619 47	Bm #1 ELEV = 619.458	See pg 268

Profile No. | Notes Red | Plotted | Job No. 0084.00 | Division No. 11 | F. B. 2937 Pg. 271
Date | Date | Survey of SUBSIDENCE CHECK
X-Sec. No. | Notes Chk'd. H. HOLMAN | Checked | Survey by ACG | Notes RGM | Date 5-11-70
Date | Date | Map No. | Indexed C. J. GALLI | Date MAY 13 70

JOB NO 0084.00

BISCAILUZ CENTER RESERVOIRS
SUBSIDENCE CHECK
RE-RUN OF BENCH LEVELS

MAY 11, 1970

MASSEY
GOBLE
WEST
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 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	2 01	621 47		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	0 87	620 18	2 16	619 31	BM #1A FB 1668-6 ELEV = 619.317 (1944) WATER TANK TOWER - BT. SPK. IN CONC	
T.P.	6 20	614 85	11 53	608 65	PILLAR OF NE'LY LEG OF WATER TANK	
D-1	4 06	613 93	4 98	609 87	D-1 FB 2937-204	CH "X"
C-1			3 99	609 94	C-1 "	"
B-1			4 13	609 80	B-1 " 203	"
A-1			1 77	612 16	A-1 "	METAL ROD
D-2			4 32	609 61	D-2 " 204	LG BT SPK W&T
C-2	10 95	620 51	4 37	609 56	C-2 "	LD + C.E. TAG
T.P.	3 99	624 31	0 19	620 32	TP	
A-2			0 72	623 59	A-2 " 203	1" I.P + C.E. TAG
A-3			1 12	623 19	A-3 "	"
A-4			3 82	620 49	A-4 " 205	LG. BT. SPK W&T
T.P.	2 68	615 01	11 98	612 33	TP	
C-3			8 94	606 07	C-3 " 204	"
C-4	4 45	609 33	10 13	604 88	C-4 " 206	LD + C.E. TAG
B-3	9 40	614 01	4 72	604 61	B-3 " 203	LG. BT. SPK W&T
B-4	2 13	613 14	3 00	611 01	B-4 " 205	LD + C.E. TAG
B-5	8 58	615 96	5 76	607 38	B-5 "	2" I.P + SM. BT SPK IN CONC

F. B. 2937 PG. 272
Job No. 2084.00 Division No. 11 Notes Red Plotted Profile
Survey of SUBSIDENCE CHECK Date Date No. X-Sec.
Survey by ACG Notes RGM Notes Chk'd H. HOLMAN Checked
Indexed C. J. GALLI 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.			
		615 96					
A-5			2 91	613 05	A-5	FB2937-205	2" I.P.+SM BT SPK IN CONC
A-6			2 90	613 06	A-6	"	"
B-6	1 65	609 71	7 90	608 06	B-6	"	"
T.P.	1 70	599 62	11 79	597 92	TP		
C-5	2 79	598 73	3 68	595 94	C-5	" 206	"
C-6	1 45	598 01	2 17	596 56	C-6	" "	"
T.P.	1 17	587 69	11 49	586 52	TP		
D-3			8 57	579 12	D-3	" "	"
D-4			7 99	579 70	D-4	" "	"
T.P.	0 23	576 18	11 74	575 95			
T.P.	6 36	571 46	11 08	565 10			
P.I.#3			2 25	569 21	P.I.3	" 210	1" I.P.+C.E. TAG
A-7			4 15	567 31	A-7	" "	LG BT SPK W&T
A-8			5 41	566 05	A-8	" "	2" I.P.+SM. BT. SPK IN CONC.
A-9			4 59	566 87	A-9	" "	"
B-9			9 56	561 90	B-9	" 209	"
B-8			10 14	561 32	B-8	" "	"
B-7			8 78	562 68	B-7	" "	LG. BT. SPK W&T
T.P.	0 80	560 70	11 56	559 90			
C-7			2 76	557 94	C-7	" "	"

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0084.00 Division No. 11 F.B. 2937 Pg. 273
Date ____ Date ____ Survey of SUBSIDENCE CHECK
X-Sec. No. ____ Notes Chk'd. H. HOLMAN Ked ____ Survey by ACG Notes RCM Date 5-11-70
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date NOV 13 70

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.			
		560 70					
C-8			3 75	556 95	C-8	FB2937 pg 209	2" I.P. + SM. BT. SPK. in Co
C-9			1 90	558 80	C-9	" "	"
D-7			8 20	552 50	D-7	" 208	"
D-6			8 78	551 92	D-6	" "	"
D-5			9 36	551 34	D-5	" "	LG. BT. SPK. W + T
T.P.	7 74	556 77	11 67	549 03	T.P.		
POT			11 42	545 35	POT	" "	SPK + T
T.P.	10 90	567 40	0 27	556 50	T.P.		
T.P.	11 08	578 20	0 28	567 12	T.P.		
T.P.	11 69	589 65	0 24	577 96	T.P.		
T.P.	11 46	600 44	0 67	588 98	T.P.		
T.P.	9 77	609 55	0 66	599 78	T.P.		
T.P.	8 57	614 65	3 47	606 08	T.P.		
D-1A	6 14	615 05	5 74	608 91	D1-A	" 211	L + TAG
T.P.	10 13	622 88	2 30	612 75	T.P.		
B.M.#1			3 40	619 48	B.M.#1	ELEV = 619.458	SEE pg 272

F. B. 2937 PG. 274
Job No. 0084.00 Division No. 11 Notes Red Plotted Profile
Survey of SUBSIDENCE CHECK Date Date No.
Survey by ACG Notes RGM Notes Chk'd H. HOLMAN Checked X-Sec.
Indexed C. J. GALLI Date Date No.

Profile No.	Notes Red	Plotted	Job No. 0084.00	Division No. 11	F. B. 2937	PG. 275
	Date	Date	Survey of Biscailuz Ctr. Subsidence Check			
X-Sec. No.	Notes Chk'd.	Checked	Survey by ACG	Notes	Date 8/26/70	
	Date	Date	Map No.	Indexed H. E. OTT	Date SEP 17 70	

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

JOB No 0084.00

Biscailuz Center Subsidence

Re-Run of Bench

Levels

August 26 1970

Guizado
Massey
West
Henderson

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. 2937 PG. 276 | Job No. 2011 (00) | Division No. 11 | Notes Red ____ | Plotted ____ | Profile ____ No. ____
Survey of Descanso to Subcontract | Date ____ | Date ____ | X-Sec. ____ No. ____
Survey by ACC | Notes ____ | Notes Chk'd. ____ | Checked ____
Indexed H. E. OH | Date ____ | Date ____ | Date ____

STATION	B. S.	H. I.	F. S.	ELEV.				
Bm #1	3 65	623 11		619 46	Bm #1 FB 1137-7; FB 1136-29; FB 1368-12 ELEV = 619.458 (1944) WATER TANK CUT "X" IN POLE 4.00 W BEARING PLATE 10.00 SOUTH OF WATER TANK			
BM #1-A	2 43	621 74	3 80	619 31	Bm #1A FB 1368-6 ELEV = 619.317 (1944) WATER TANK TOWER BT SPK IN CONC PILAR OF NE ½ LEG OF WATER TANK			
T. P.	2 48	615 18	9 04	612 70				
D-1	4 97	614 84	5 31	609 87	D-1 FB 2937-204			CH "X"
T. P	4 77	614 70	4 91	609 93				
B-1	4 85	614 65	4 90	609 80	B-1	"	-203	"
A-1			2 49	612 16	A-1	"		METAL ROD
B-2			4 72	609 93	B-2	"		C.E. TAG IN CONC. RESET
C-1			4 71	609 94	C-1	"	204	CH "X"
T.P.	5 26	614 70	5 21	609 44				
C-2			5 15	609 55	C-2	"	"	LD + C.E. TAG
D-2			5 14	609 56	D-2	"	"	Lg BT. SPK. T+W
T. P.	11 47	625 94	0 23	614 47				
A-2			2 36	623 58	A-2	"	203	1" I.P. + C.E. Tag
A-3			2 78	623 16	A-3	"	"	"
A-4			5 48	620 46	A-4	"	205	Lg BT. SPK. T+W
T. P.	0 59	615 13	11 40	614 54				
B-3			10 55	604 58	B-3	"	203	"
B-4			4 14	610 99	B-4	"	205	Ld + C.E. Tag

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.			
	7 32	618 31		610 99			
A-5			5 28	613 03	A-5	F.B. 2937 - 205	2" I.P. & Sm Bt Spk in conc.
A-6			5 27	613 04	A-6	" "	"
B-5			10 96	607 35	B-5	" "	"
B-6	1 04	609 08	10 27	608 04	B-6	" "	"
T P	2 88	600 89	11 07	598 01			
C-5			4 97	595 92	C-5	" 206	"
C-6			4 35	596 54	C-6	" 206	"
T.P.	0 37	590 54	10 72	590 17			
D-4			10 86	579 68	D-4	" "	"
D-3	3 73	582 83	11 44	579 10	D-3	" "	"
T.P	0 89	572 27	11 45	571 38			
TP	0 58	561 56	11 29	560 98			
D-5	5 15	556 41	10 30	551 26	D-5	" 208	Lg Bt. Spk. T & W
POT			11 15	545 26	POT	" "	Spk & T
D-6			4 57	551 84	D-6	" "	2" I.P. & Sm. Bt Spk in Conc.
D-7			3 97	552 44	D-7	" "	"
T.P.	10 00	565 86	0 55	555 86			
C-8			8 95	556 91	C-8	" 209	"
C-9			7 10	558 76	C-9	" "	"
C-7			7 98	557 88	C-7	" "	Lg Bt. Spk. T & W

Profile Notes Red ____ Plotted ____ Job No. 0084 00 Division No. 11 F.B. 2937 Pg. 277
No. ____ Date ____ Date ____ Survey of Biscailuz Ctr. Subsidence Check
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ACG Notes RGM Date 8-26-70
No. ____ Date ____ Date ____ Map No. - Indexed H. E. OTT Date SEP 17 70

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.			
		565 86					
✓B-7			3 23	562 63	B-7	FB 2937-209	Lg Bt Spk T+W
✓B-8			4 61	561 25	B-8	" "	2" I.P. + Sm. Bt Spk. in Conc
✓B-9	10 00	571 84	4 02	561 84	B-9	" "	"
✓A-9			5 04	566 80	A-9	" 210	"
✓A-8			5 86	565 98	A-8	" "	"
✓A-7			4 57	567 27	A-7	" "	Lg Bt. Spk T+W
P.I. 3			2 68	569 16	P.I. #3	" "	1" I.P. + C.E. Tag
T.P.	11 20	582 41	0 63	571 21			
T.P.	10 61	591 99	1 03	581 38			
T.P.	10 51	601 74	0 76	591 23			
T.P.	10 28	611 31	0 71	601 03			
✓C-4			6 45	604 86	C-4	" 206	Ld + C.E. Tag
✓C-3			5 25	606 06	C-3	" 204	Lg Bt Spk T+W
T.P.	4 18	613 91	1 58	609 73			
T.P.	5 31	615 24	3 98	609 93			
T.P.	10 29	623 00	2 53	612 71			
T.P.	3 82	623 14	3 68	619 32			
B.M. #1			3 66	619 48	BM#1	See Pg 276	Elev. = 619.458 (1944)

F. B. 2937 PG. 278 Job No. 0084.00 Division No. 11 Notes Red Plotted Profile
Survey of Riscailuz Ctr. Subsidence Date Date No. X-Sec.
Survey by AC 6 Notes RGM Notes Chk'd. Checked
Indexed H. E. OTT Date Date No.

Profile No.	Notes Red	Plotted	Job No. 0084.00	Division No. 11	F. B. 2937	Pg. 279
	Date	Date	Survey of BISCAILUZ CTR SUBSIDENCE CHECK			
X-Sec. No.	Notes Chk'd.	Checked	Survey by ACG	Notes ACG	Date 12/22/71	
	Date	Date	Map No.	Indexed H. E. OT	Date DEC 31 '70	

JOB NO. 0084.00

BISCAILUZ CENTER SUBSIDENCE

RE RUN OF BENCH LEVELS

DEC 22 1970

GUIZADO
MASSEY
WEST
RODRIGUEZ

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. 2937 PG. 280

Survey of BISCAYNE SUBSTATION & TWEEN Job No. 2082-00 Division No. 11 Notes Red ___ Plotted ___ Profile ___
Survey by ACG Notes RM Notes Chk'd. ___ Date ___ Checked ___ Date ___ No. ___ X-Sec. ___
Indexed ___ Date ___ Date ___ No. ___

STATION	B. S.	H. I.	F. S.	ELEV.		
BM #1	3 82	623 28		619 46	BM #1 FB 887-7, 95 1136-29, FB 1668-12 ELEV = 619.458 (1944) WATER TANK CUT "X" IN BOLT HERD IN BEARING PLATE AT SOUTH LEG OF WATER TANK	
BM #1-A	2 95	622 26	3 97	619 31	BM #1-A FB 1668-6 ELEV = 619.317 (1944) WATER TANK TOWER BTSPK IN CONC. NEAR OF NE'LY LEG OF WATER TANK	
T. P.	2 55	615 25	9 56	612 70		
D-1	4 91	614 75	5 41	609 84	D-1 FB 2937-204	CH "X"
C-1			4 84	609 91	C-1 " -204	"
B-1			4 97	609 78	B-1 " -203	"
C-2	5 54	615 07	5 22	609 53	C-2 " 204	LD. & C.E. Tag
D-2			5 55	609 52	D-2 " "	Lg BT. Spk. T.&W.
B-2			5 16	609 91	B-2 " 203	C.E. Tag in Conc. Reset
A-1	10 67	622 81	2 93	612 14	A-1 " "	METAL Rod
T. P.	6 98	628 73	1 06	621 75		
A-2			5 16	623 57	A-2 " "	1" IP & CE TAG
A-3			5 58	623 15	A-3 " "	"
A-4			8 29	620 44	A-4 " 205	Lg BT. Spk T&W
T. P.	0 50	622 25	6 98	621 75		
T. P.	3 05	615 10	10 20	612 05		
B-4	1 35	612 31	4 14	610 96	B-4 " 205	LD. & C.E. TAG
B-3	5 39	609 95	7 75	604 56	B-3 " 203	Lg BT. Spk T&W
C-3			3 93	606 02	C-3 " 204	"

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.		
		609 95		606 02		FB 2937-206 Ld & CE TAG
√C-4	1 50	606 31	5 14	604 81	C-4	" " 2" IP plug & Bt spk
√C-6			9 81	596 50	C-6	" " "
C-5			10 41	595 90	C-5	
T.P.	10 60	610 36	6 55	599 76		
B-6			2 39	607 97	B-6	" 205 "
B-5			3 05	607 31	B-5	" " "
T.P.	8 74	616 71	2 39	607 97		
√ A-6			3 74	612 97	A-6	" " "
√ A-5			3 73	612 98	A-5	" " "
T.P.	1 16	608 47	9 40	607 31		
T.P.	0 95	600 67	8 75	599 72		
T.P.	0 86	590 22	11 31	589 36		
D-3			11 17	579 05	D-3	" 206 "
D-4	0 40	580.00	10 62	579 60	D-4	" " "
T.P.	0 29	569 14	11 15	568 85		
T.P.	0 48	562 58	7 04	562 10		
D-5	4 59	555 67	11 50	551 08	D-5	" 208 Lg Bt spk T & W
P.O.T.			10 59	545 08	POT	" " spk & T
D-6 √			3 93	551 74	D-6	" " 2" IP plug & Sm Bt spk
D-7 √			3 38	552 29	D-7	" " "

Profile Notes Red ____ Plotted ____ Job No. 0084 00 Division No. " F.B. 2937 PG. 281
No. ____ Date ____ Date ____ Survey of Biscailuz Subsidence Check
X-Sec. Notes Chk'd. ____ Checked ____ Survey by AG Notes RM Date 12/22/70
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. O'T Date DEC 31 70

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. 2937 PG. 282 | Job No. 2067 | Division No. | Notes Red | Plotted | Profile No.
Survey of Bridge & Surveyor Check | Notes Chk'd. | Date | Date | X-Sec. No.
Survey by RM | Notes | Checked | Date | Date
Indexed | Date

STATION	B. S.	H. I.	F. S.	ELEV.		
		555 67				
T. P.	10 85	565 64	0 88	554 79		
C-7			7 92	557 72	C-7 FB2937-209	Lg Bl spk TBW
C-8			8 87	556 77	C-8 " "	2" IP plug & Bl spk
C-9			7 02	558 62	C-9 " "	"
B-7			3 15	562 49	B-7 " "	Lg Bl spk TBW
B-8			4 52	561 12	B-8 " "	2" IP plug & Bl spk
B-9			3 96	561 68	B-9 " "	"
T. P.	9 40	573 19	1 85	563 79		
A-7			6 04	567 15	A-7 " 210	Lg Bl spk TBW
A-8			7 36	565 83	A-8 " "	2" IP plug & Bl spk
A-9			6 56	566 63	A-9 " "	"
P.I. 3			4 16	569 03	PI 3 " "	1" IP & CE tag
T. P.	0 98	567 21	6 96	566 23		
T.P.	4 13	565 03	6 31	560 90	TBM ELEV = 560.000 FB2919-250	
T.B.M.	4 68	564 64	5 07	559 96	FB2993-213 SW COR OF GATEHOUSE	
					FB 2993 (1-) in STEEL COLUMN	
TBM			5 01	559 63	TBM ELEV = 559.650 FB2993-115, 112	
					N side - [illegible] house, S side of [illegible]	
					Sta 4+ Al Bl spk in Al in conc cb	

Profile No.	Notes Red	Plotted	Job No. 0084.00	Division No. 11	F. B. 2937	PG. 283
	Date	Date	Survey of Biscailuz ctr. Subsidence Check			
X-Sec. No.	Notes Chk'd.	Checked	Survey by ACG	Notes ACG	Date 3/26/71	
	Date	Date	Map No.	Indexed G.L. GALLI	Date APR 21 '71	

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 Subsidence

Rerun of Bench Levels

March 26, 1971

Guizado
Massey
West
Rodriguez RR

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	3 42	622 88		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'LY LEG OF WATER TANK	
BM 1-A	3 14	622 45	3 57	619 31	BM #1-A FB1668-6 ELEV = 619.317 (1944) WATER TANK TOWER Bt spk in conc PILLAR OF NE'LY LEG OF WATER TANK	
TP	2 49	615 19	9 75	612 70		
D-1	4 90	614 75	5 34	609 85	D-1 FB 2937-204	CH "X"
C-1			4 82	609 93	C-1 " 204	"
B-1			4 95	609 80	B-1 " 203	"
D-2			5 21	609 54	D-2 " 204	Bt spk
C-2	5 83	615 38	5 20	609 55	C-2 " 204	L & CE TAG
B-2			5 45	609 93	B-2 " 203	L & CE TAG
A-1			3 23	612 15	A-1 " 203	METAL ROD
B-3			10 79	604 59	B-3 " 203	Lg Bt spk T & W
B-4	11 88	622 87	4 39	610 99	B-4 " 205	L & CE TAG
A-6			9 83	613 04	A-6 " 205	2" IP & Sm Bt spk
A-5			9 83	613 04	A-5 " 205	"
A-4	6 40	626 88	2 39	620 48	A-4 " 205	Lg Bt spk T & W
A-3			3 69	623 19	A-3 " 203	1" IP & CE TAG
A-2			3 28	623 60	A-2 " 203	"
TP	5 30	620 40	11 78	615 10		
TP	0 35	609 67	11 08	609 32		

F. B. 2937 PG. 284
Job No. 0084 00 Division No. 11 Notes Red Plotted Profile
Survey of Piscoline CTR SUBSIDENCE Date Date No.
Survey by ACE Notes ACE Notes Chk'd. Checked X-Sec.
Indexed R. J. GALLI 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.			
		609 67					
C-3			3 61	606 06	C-3	FB 2937-204	LG Bt spk T&W
C-4	4 51	609 37	4 81	604 86	C-4	" 206	L & CE TAG
B-5			2 00	607 37	B-5	" 205	2" IP & Sm Bt spk
B-6			1 32	608 05	B-6	" 205	"
TP	2 17	602 74	8 80	600 57			
C-5			6 82	595 92	C-5	" 206	"
C-6			6 20	596 54	C-6	" 206	"
TP	0 56	591 57	11 73	591 01			
D-4	2 91	582 58	11 90	579 67	D-4	" 206	"
D-3	0 69	579 79	3 48	579 10	D-3	" 206	"
TP	0 93	569 69	11 03	568 76			
TP	0 20	559 74	10 15	559 54			
D-5			8 68	551 06	D-5	" 206	LG Bt spk T&W
D-6			8 00	551 74	D-6	" 208	2" IP & Sm Bt spk
D-7			7 45	552 29	D-7		
TP	3 74	554 80	8 68	551 06			
POT			9 72	545 08	POT	" 208	SPIKE & T
TP	11 50	565 73	0 57	554 23			
C-7			7 97	557 76	C-7	" 209	LG Bt spk T&W
C-8			8 92	556 81	C-8	" 209	2" IP & Sm Bt spk

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 2084 Division No. "
X-Sec. No. ____ Date ____ Date ____ Survey of Rosedale Ave Improvement
Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by ACG Notes ACG Date 3/26/71
Map No. ____ Indexed C. J. GALLI Date APR 21 '71

F. B. 2937 Pg. 20

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.				
		565 73						
C-9			7 07	558 66	C-9	FB2937	209	2" IP & sm Bt spk
B-7			3 19	562 54	B-7	"	209	Lg Bt spk T&W
B-8			4 59	561 [illegible]	B-8	"	209	2" IP & sm Bt spk
B-9	9 14	570 85	4 02	561 71	B-9	"	209	"
A-7			3 63	567 22	A-7	"	210	Bt spk T&W
A-8			5 01	565 84	A-8	"	"	2" IP & Bt spk
A-9			4 21	566 64	A-9	"	"	"
PI#3	2 89	571 96	1 78	569 07	PI#3	"	"	1" IP & CE TAG
TP	1 97	563 39	10 54	561 42				
TBM	4 01	563 71	3 69	559 70	TBM ELEV = 559.650			FB2993-110,115
					NO. SIDE GATE HOUSE			SYBIL Brand Inst.;
					SO. SIDE OF [illegible] GATE; Bt spk in Ld conc cb			

F. B. 2937 PG. 206

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

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

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

Indexed G. J. GALLI Date ____ Date ____ No. ____