Notes Ck'd by	Survey of
Map No.	JN Tape Std
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F PG

3671

3671

Tr. 35190	1	Richard J. Aitken
Tr. 32576	2-4	Hunsaker & Ass.
Tr. 35742	5-13	same.
Tr. 34876	14	West Co.
Tr. 41987	15-18	Loren Phillips & Ass.
Tr. 40527	19	Robert J.Bittel
Tr. 39526	20-30	Hunsaker & Ass.
Tr. 41538	31-32	Engineering Technology Inc.
Tr. 35304	33-40	Robert J.Bittel
Tr. 42396	41	David F.Grimes
Tr. 42247	42	R. Britzman
Tr. 35821	43	Dyson Y. Hamner
Tr. 42627	44-45	R.J.S.Engineering Co.
Tr. 39104	46-47	R.V.Pearsall Co.
Tr. 41770	48-49	Vantage Engineering Co.
PM 14577	50-52	WestCo Engineering & Surv.
	53-122	Precise Level Survey of portions of the City of L.A. & the City of San Fernando for CHEVRON U.S.A. INC. by R.CLARK WILSON. (Wilsons F.B. 1007: 80-148) (see also F.B 3665 :1-36)

NOTE: ANY ADDITIONS 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.

CENTERLINE NOTES
DE 310
76F3095-4/77

W.S. 72, C-1-2
B-1-2

SURVEYORS SERVICE COMPANY, COSTA MESA - STOCK NO. 411

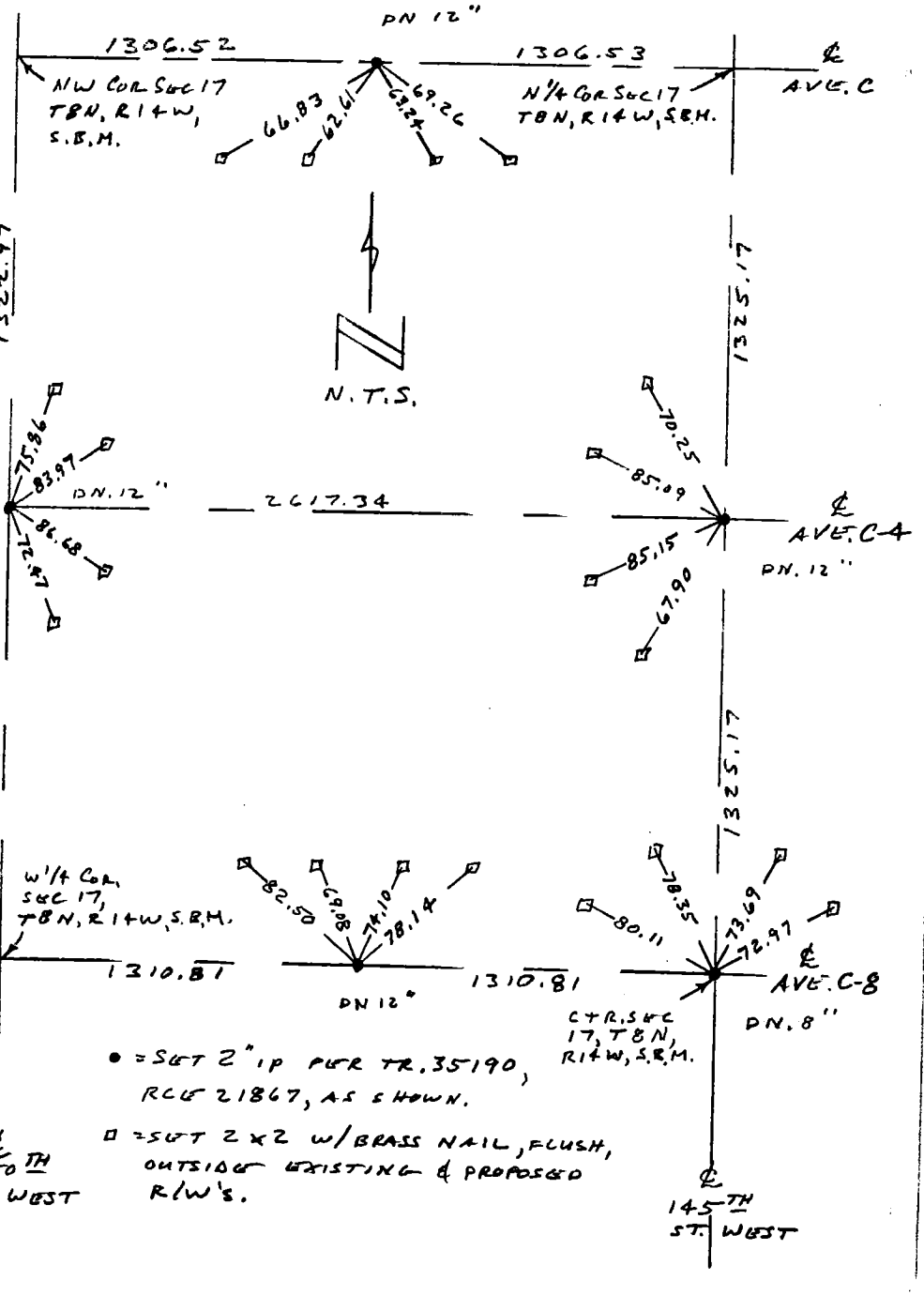
DO NOT EXTEND NOTES THIS SIDE OF LINE

CO ENG FB 3671-1

SURVEY OF ℄ TIES F B NO. PAGE

SURVEY BY RICHARD J. AITKEN TRACT NO. 35190

DATE MARCH 13, 1984 RCE 21867



● = SET 2" IP PER TR. 35190, RCE 21867, AS SHOWN.

□ = SET 2x2 W/BRASS NAIL, FLUSH, OUTSIDE EXISTING & PROPOSED R/W's.

SURVEYORS SERVICE COMPANY MESA - STOCK NO. 411

099-317, 8-2

DO NOT EXTEND NOTES THIS SIDE OF LINE

2 CO ENG FB 3671-2

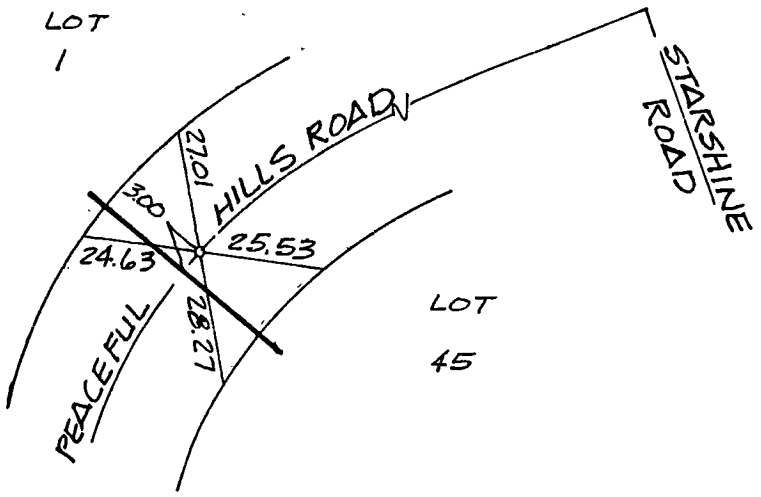
SURVEY OF CENTERLINE TIES F.B. NO. PAGE 1 OF 3

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 32576

DATE 3-19-84 ENGINEER: TOM R. McGANNON, RCE. 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.

N.T.S.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE. 23956.

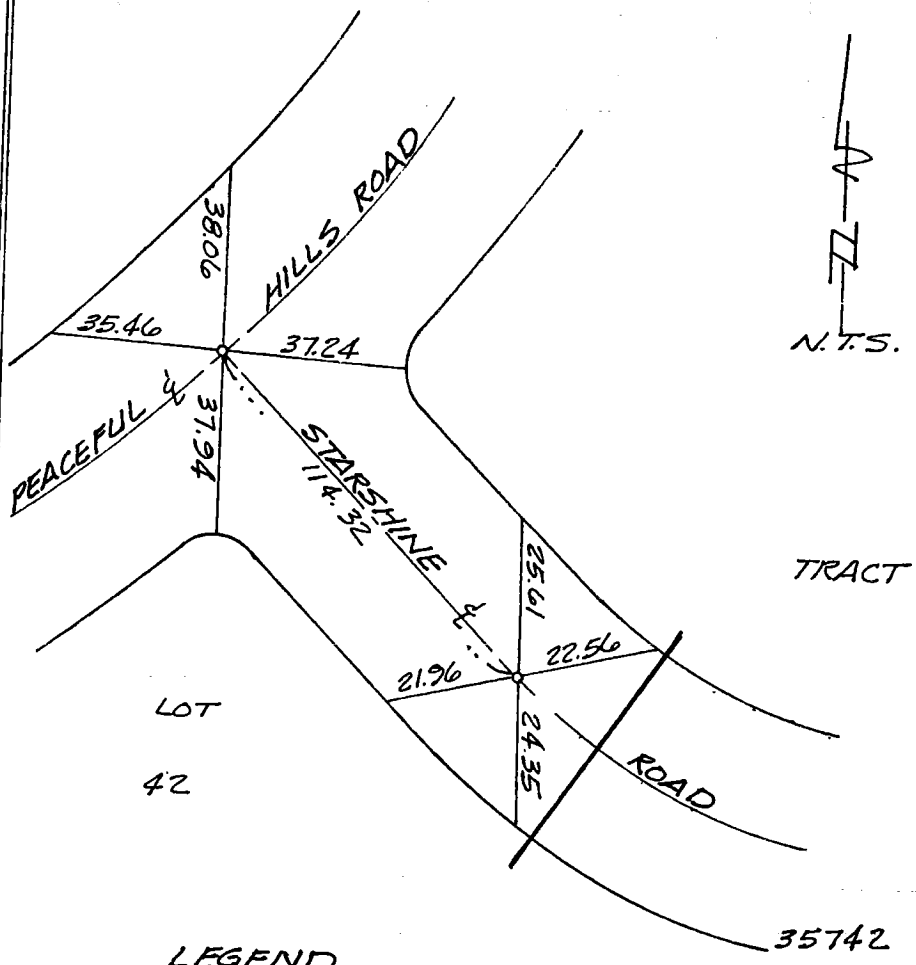
CO ENG FB 3671-3

SURVEY OF CENTERLINE TIES F B NO. ____ PAGE 2 OF 3

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 32576

DATE 3-19-84 ENGINEER: TOM R. McGANNON, RCE 23956.

NOTE: ALL TIE POINTS ARE L & T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE. 23956.

099-317-8-2

DO NOT EXTEND NOTES THIS SIDE OF LINE

SURVEYORS SERVICE COMPANY ISTA MESA - STOCK NO. 411

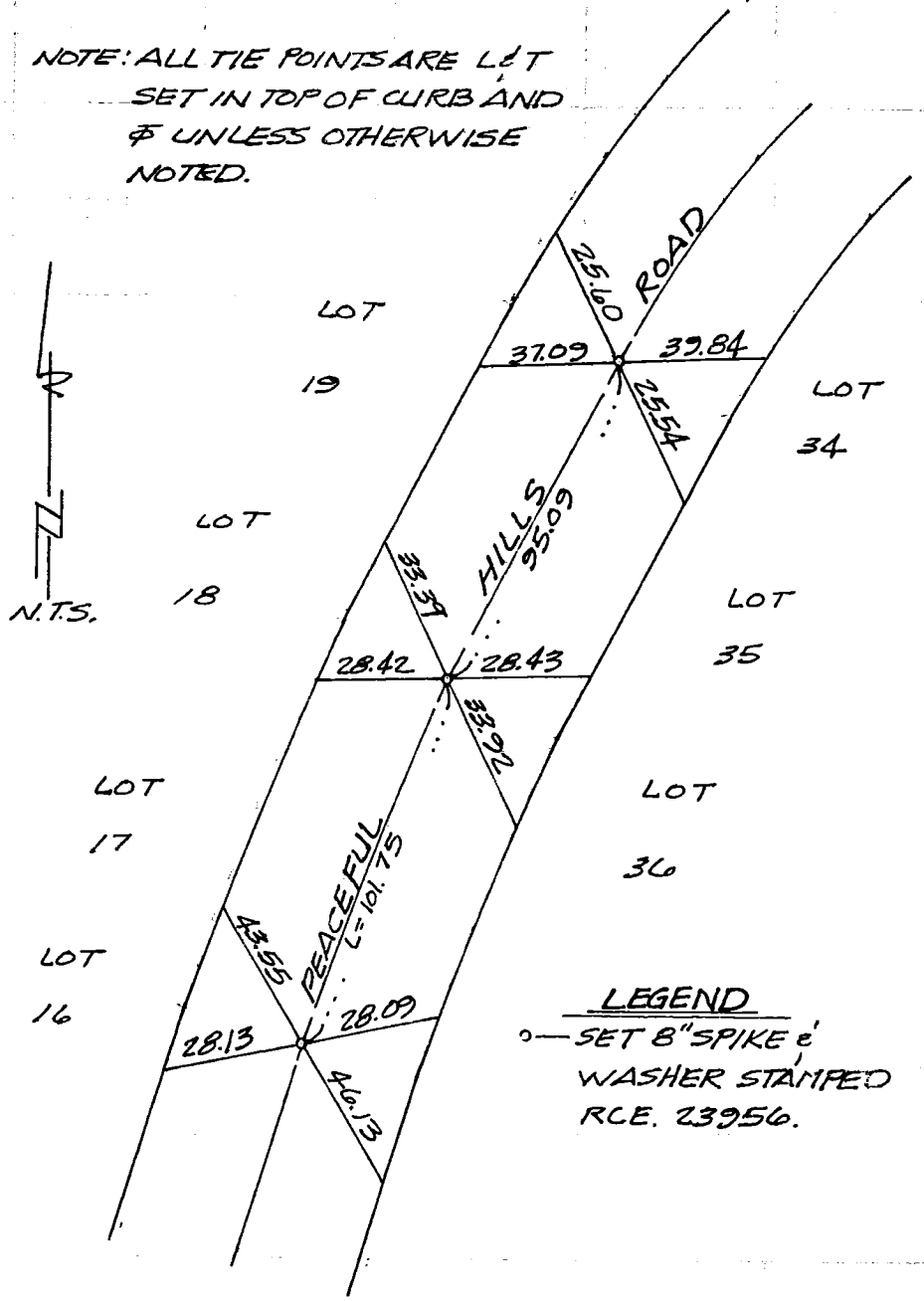
4/ CO ENG FB 3671-4

SURVEY OF CENTERLINE TIES F B NO. PAGE 30E3

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 32576

DATE 3-19-84 ENGINEER: TOM R. McGANNON, RCE 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

○— SET 8" SPIKE & WASHER STAMPED RCE. 23956.

DO NOT EXTEND NOTES THIS SIDE OF LINE

SURVEYORS SERVICE COMPANY ISTA MESA - STOCK NO. 411

090-317, 8-2

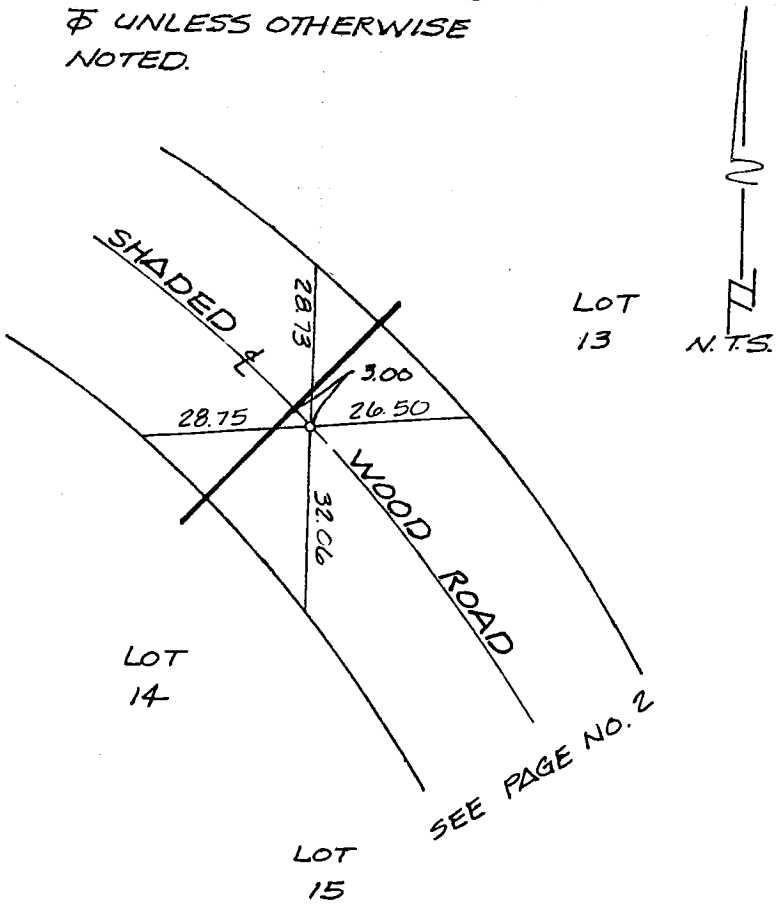
CO ENG FB 3671-5

SURVEY OF CENTERLINE TIES F B NO. ____ PAGE 1 OF 2

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 35742

DATE 3-19-84 ENGINEER: TOM R. McGANNON, RCE 23956

NOTE: ALL TIE POINTS ARE L & T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE 23956.

099-317, C-2

SURVEYORS SERVICE COMPANY · MESA · STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

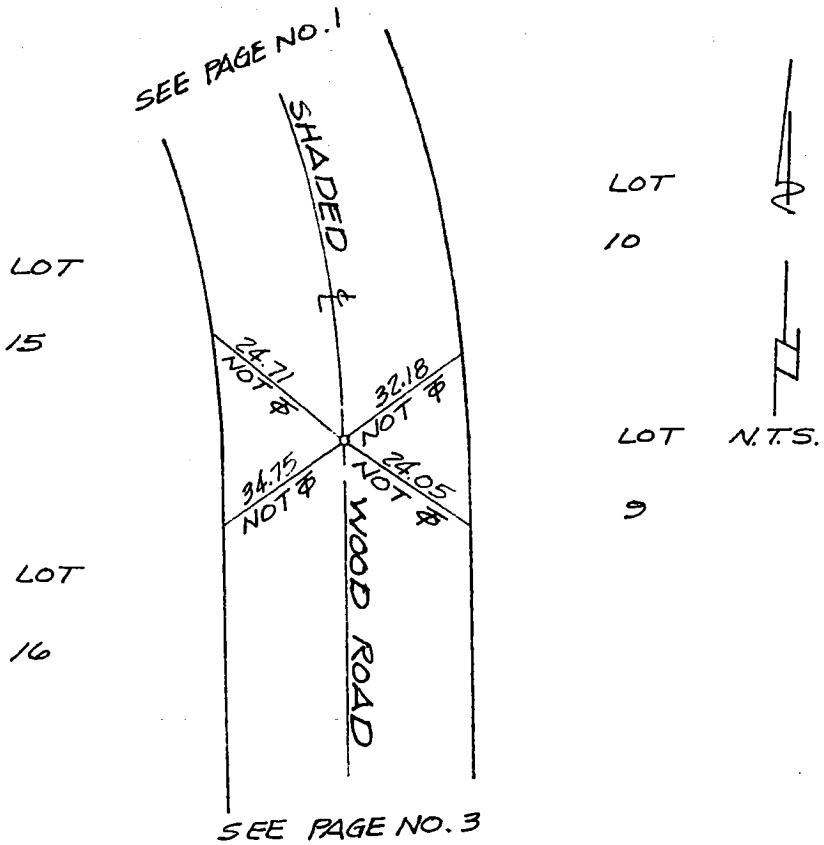
6 CO ENG FB 3671-6

SURVEY OF CENTERLINE TIES F B NO. PAGE 2 of 2

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 35742

DATE 3-19-84 ENGINEER: TOM R. McGANNON, RCE 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

O— SET 8" SPIKE & WASHER STAMPED RCE 23956.

099-312, C-2

DO NOT EXTEND NOTES THIS SIDE OF LINE

CO ENG FB 3671-7

SURVEY OF CENTERLINE TIES F B NO. ____ PAGE 3OF9

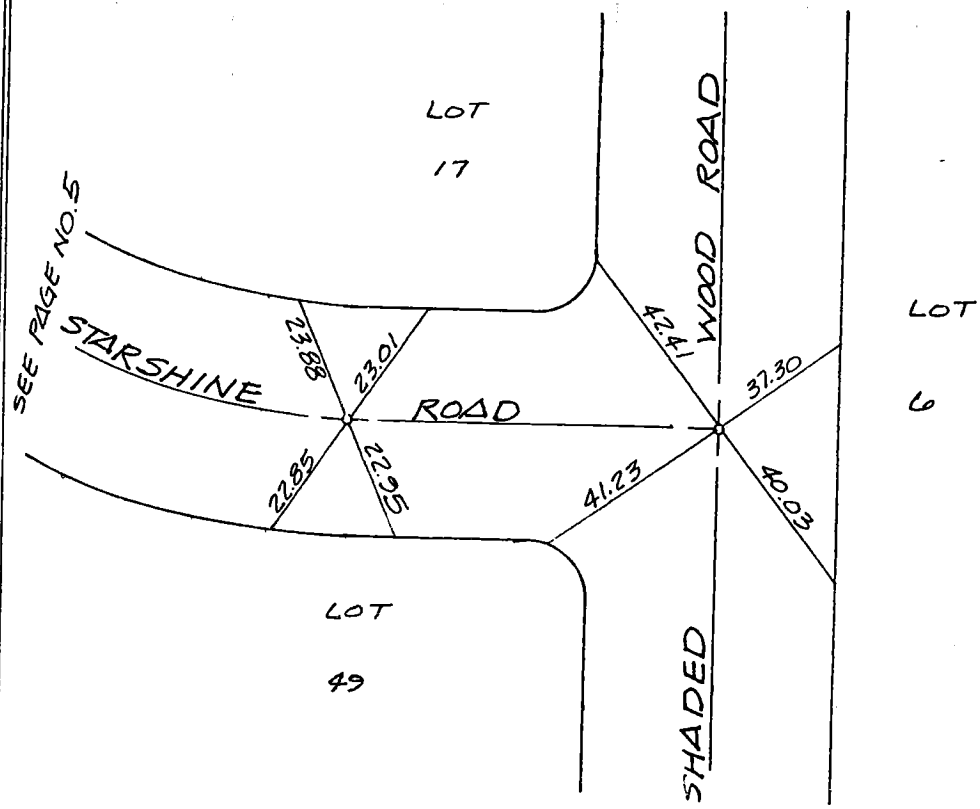
SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 35742

DATE 3-19-84 ENGINEER: TOM R. McGANNON, RCE 23956.

099-317, C-2

NOTE: ALL TIE POINTS ARE L & T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.

SEE PAGE NO. 2



SEE PAGE NO. 4

LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE 23956.

DO NOT EXTEND NOTES THIS SIDE OF LINE

SURVEYORS SERVICE COMPANY MESA - STOCK NO. 411

CC ENG FB 3671-8

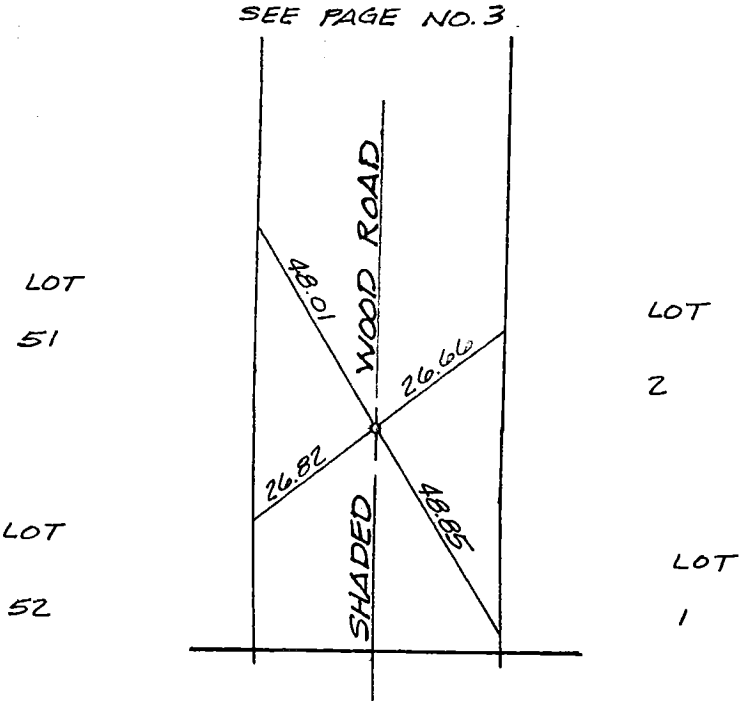
SURVEY OF CENTERLINE TIES F B NO. PAGE 4 OF 9

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 35742

DATE 3-19-84 ENGINEER: TOM R. McGANNON, RCE. 23956.

NOTE: ALL TIE POINTS ARE L & T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTE.

SEE PAGE NO. 3



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE. 23956.

099-317, C-2

SURVEYORS SERVICE COMPANY ISTA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

CO ENG FB 3671-9

SURVEY OF CENTERLINE TIES F B NO. PAGE 5 OF 9

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 35742

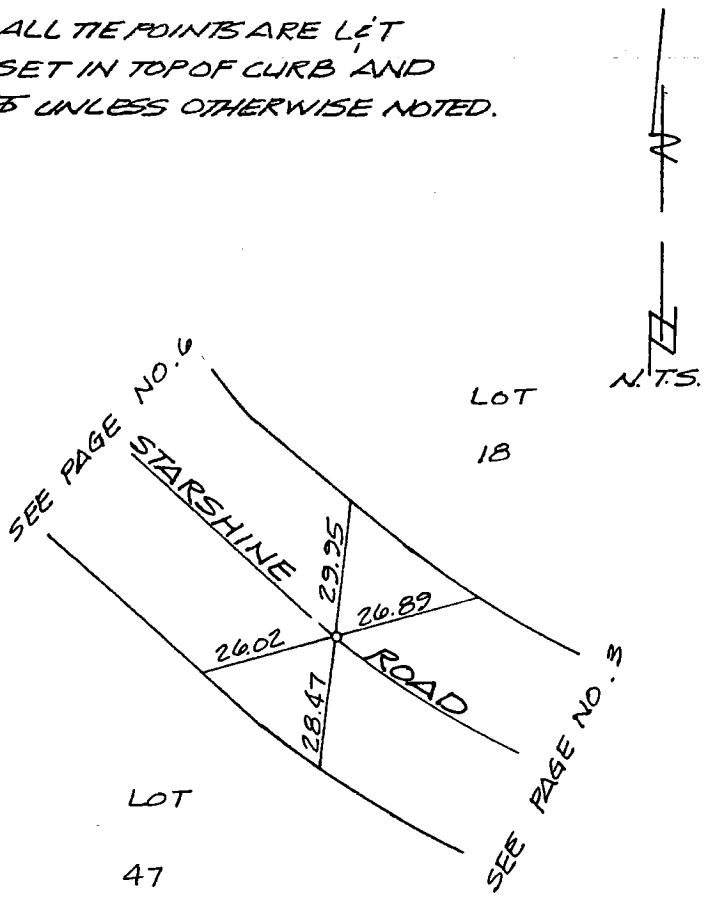
DATE 3-19-84 ENGINEER: TOM R. McGANNON, RCE. 23956.

099-317, C-2

SURVEYORS SERVICE COMPANY - COSTA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE 23956.

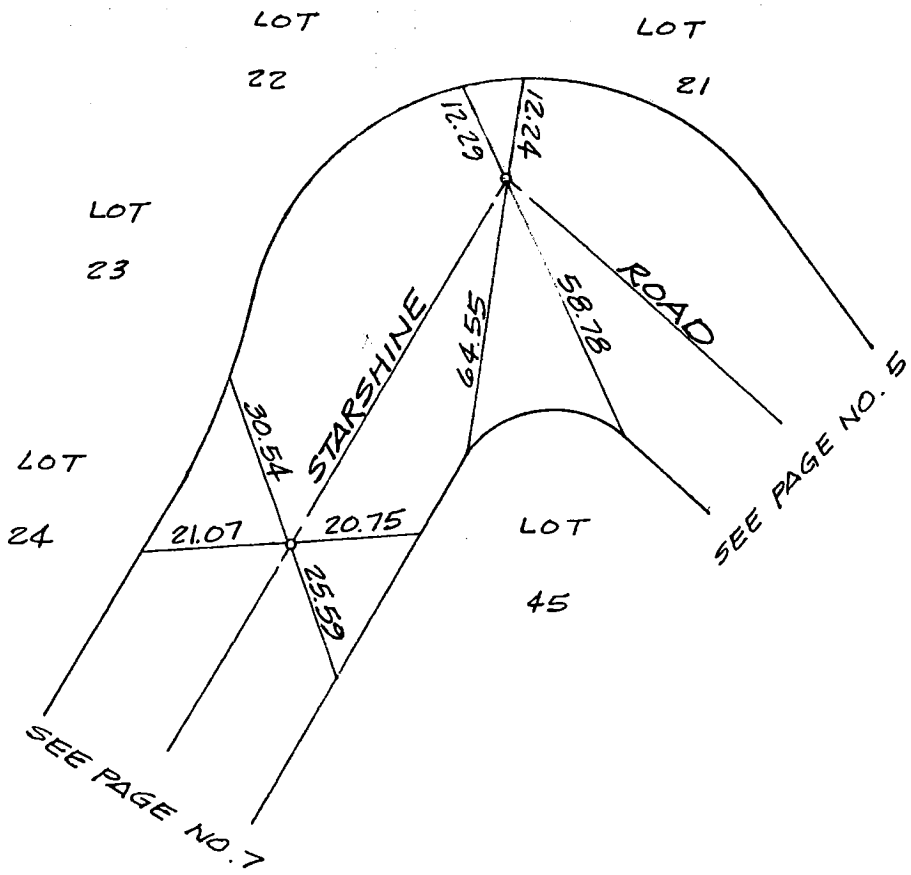
CO ENG FB 3671-10

SURVEY OF CENTERLINE TIES F B NO. PAGE 60 OF 92

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 35742

DATE 3-19-84 ENGINEER: TOM R. MCANNON, RCE 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE. 23956.

SURVEYORS SERVICE COMPANY - MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

079-317, B-2, C-2

CO ENG FB 3671-11

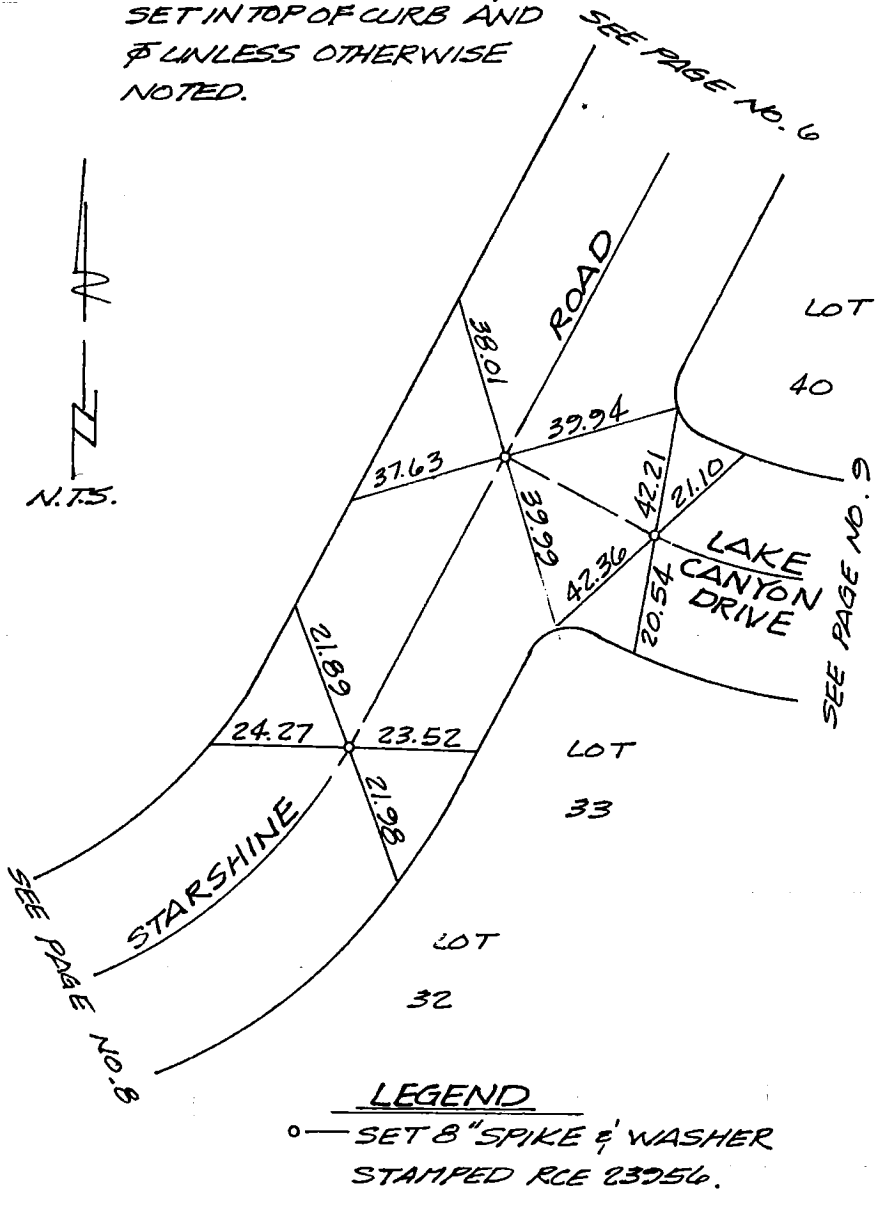
099-317, B-2

SURVEY OF CENTERLINE TIES F B NO. PAGE 7 OF 9

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 35742

DATE 3-19-84 ENGINEER: TOM R. McGANNON, RCE 23956.

NOTE: ALL TIE POINTS ARE LET SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE 23956.

DO NOT EXTEND NOTES THIS SIDE OF LINE

SURVEYORS SERVICE COMPAN' 'STA MESA - STOCK NO. 411

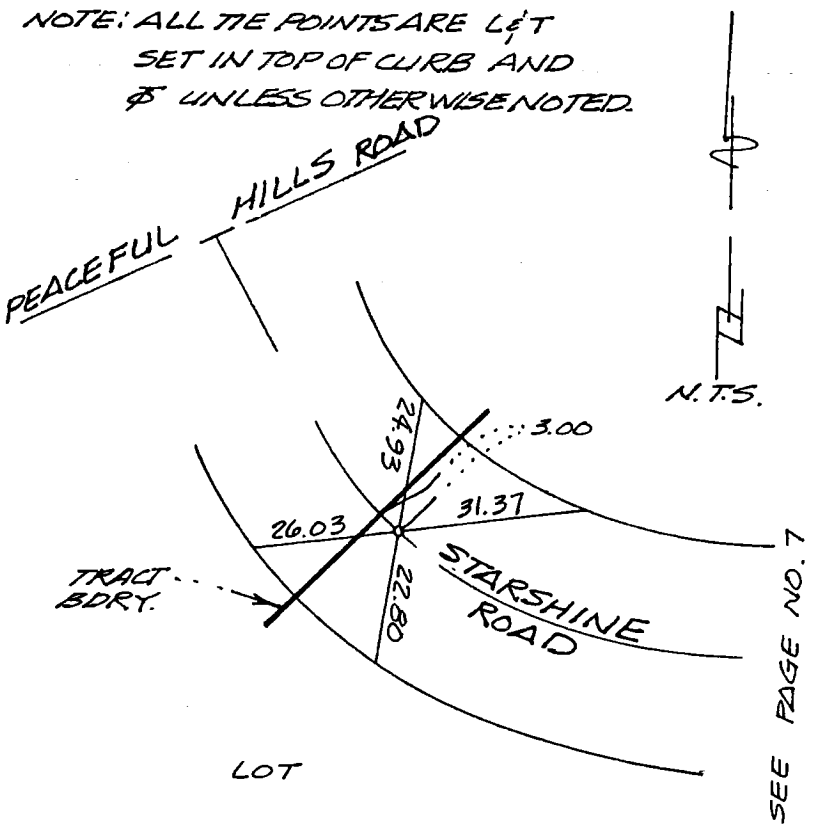
CO ENG FB 3671-12

SURVEY OF CENTERLINE TIES F B NO. ____ PAGE 8 OF 9

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 35742

DATE 3-19-84 ENGINEER: TOM R. McGANNON, RCE. 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE 23956.

099-317, B-2

SURVEYORS SERVICE COMPANY · MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

CO ENG FB 3671-13

SURVEY OF CENTERLINE TIES F B NO. PAGE 2 OF 2

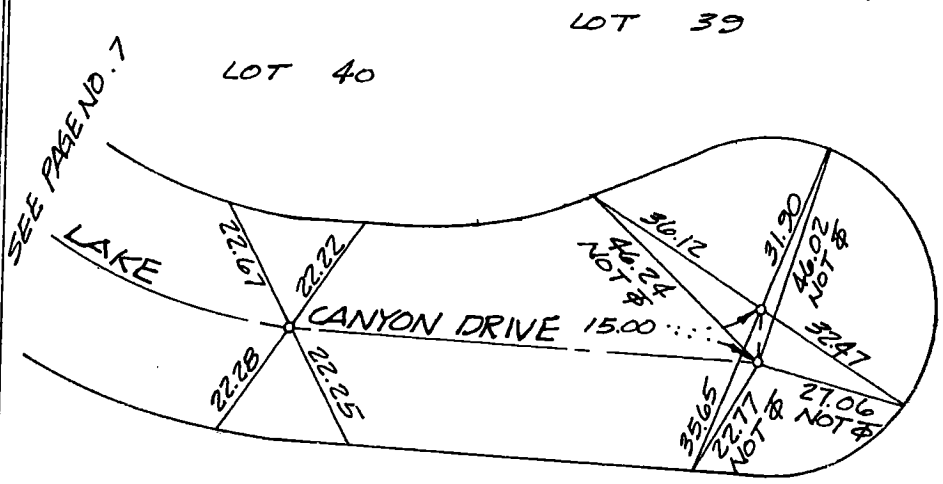
SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 35742

DATE 3-12-84 ENGINEER: TOM R. McGANNON, RCE. 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.

N

N.T.S.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE 23956.

099-317, C-2

SURVEYORS SERVICE COMPANY ISTA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

W.S. 25, C-3

SURVEYORS SERVICE COMPANY STA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

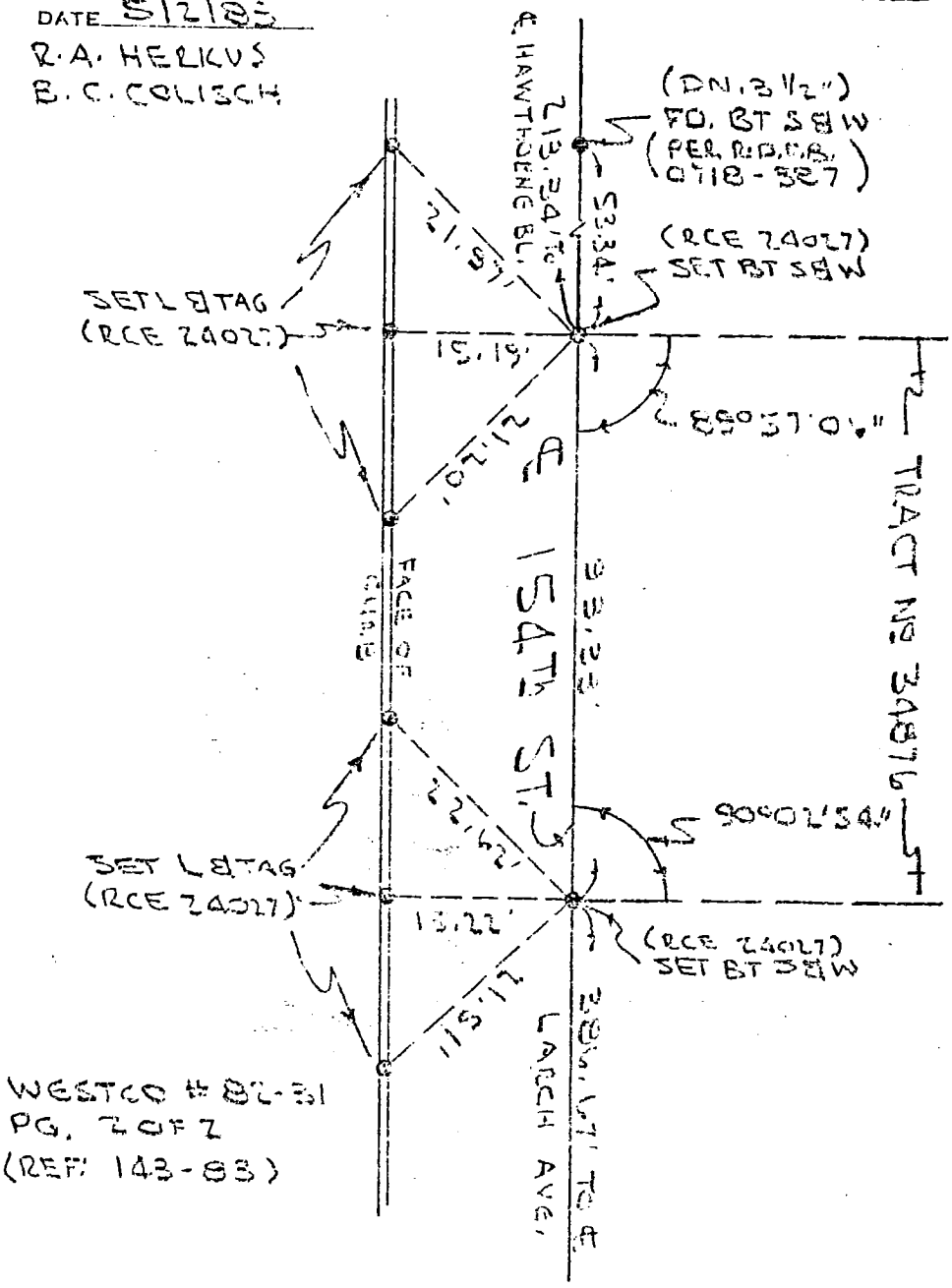
SURVEY OF ℄ TIES F B NO. PAGE

SURVEY BY WESTCO TRACT NO. 34876

DATE 5/2/85

R.A. HERKUS

B.C. COLISCH



WESTCO # 82-31
PG. 2 OF 2
(REF: 143-83)

NO SCALE

CO ENG FB 3671-15

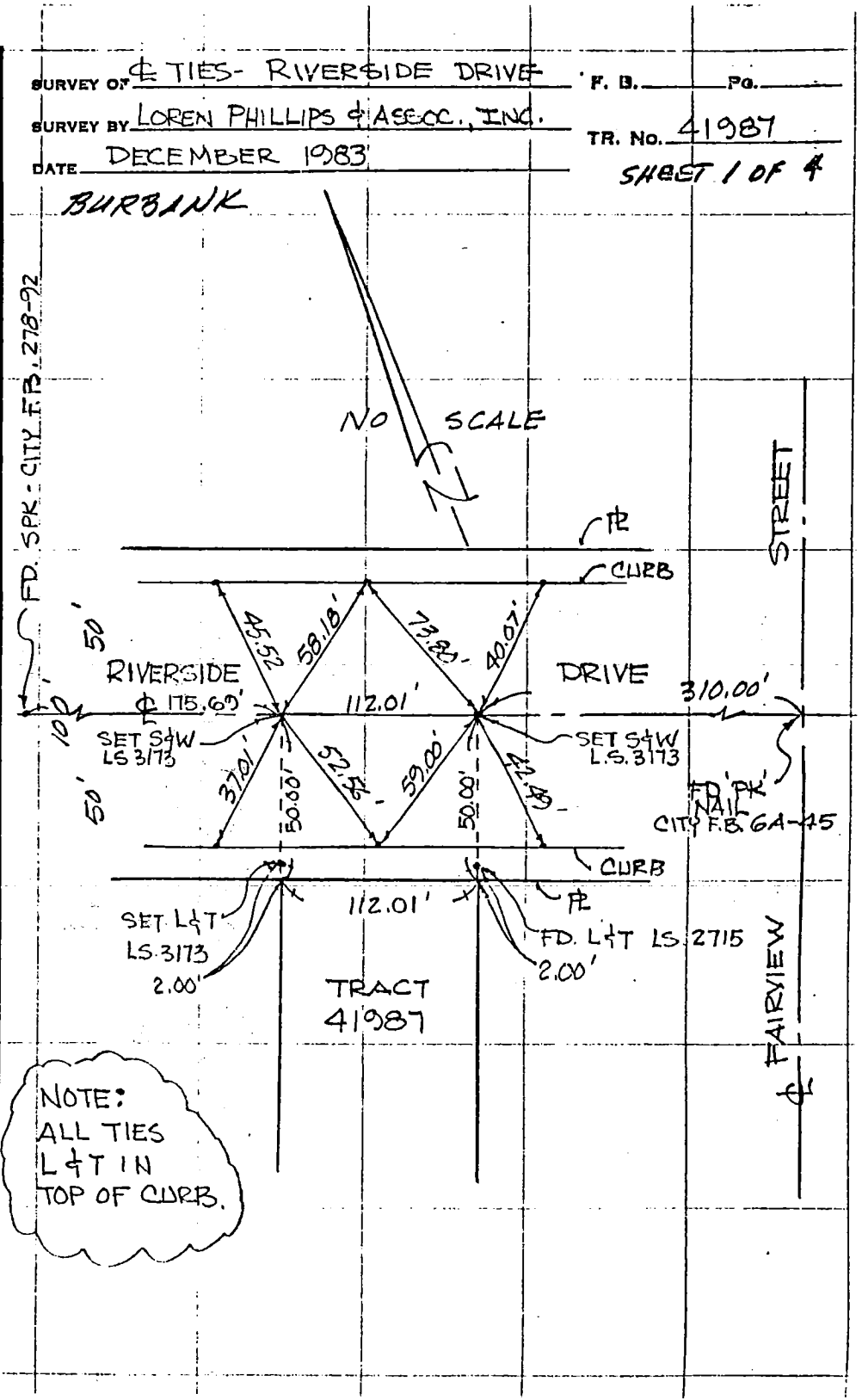
W.S. 40, B-3

SURVEY OF ℄ TIES- RIVERSIDE DRIVE F. B. ____ PG. ____

SURVEY BY LOREN PHILLIPS & ASSOC., INC. TR. No. 41987

DATE DECEMBER 1983 SHEET 1 OF 4

BURBANK



W.S. 40, B-3

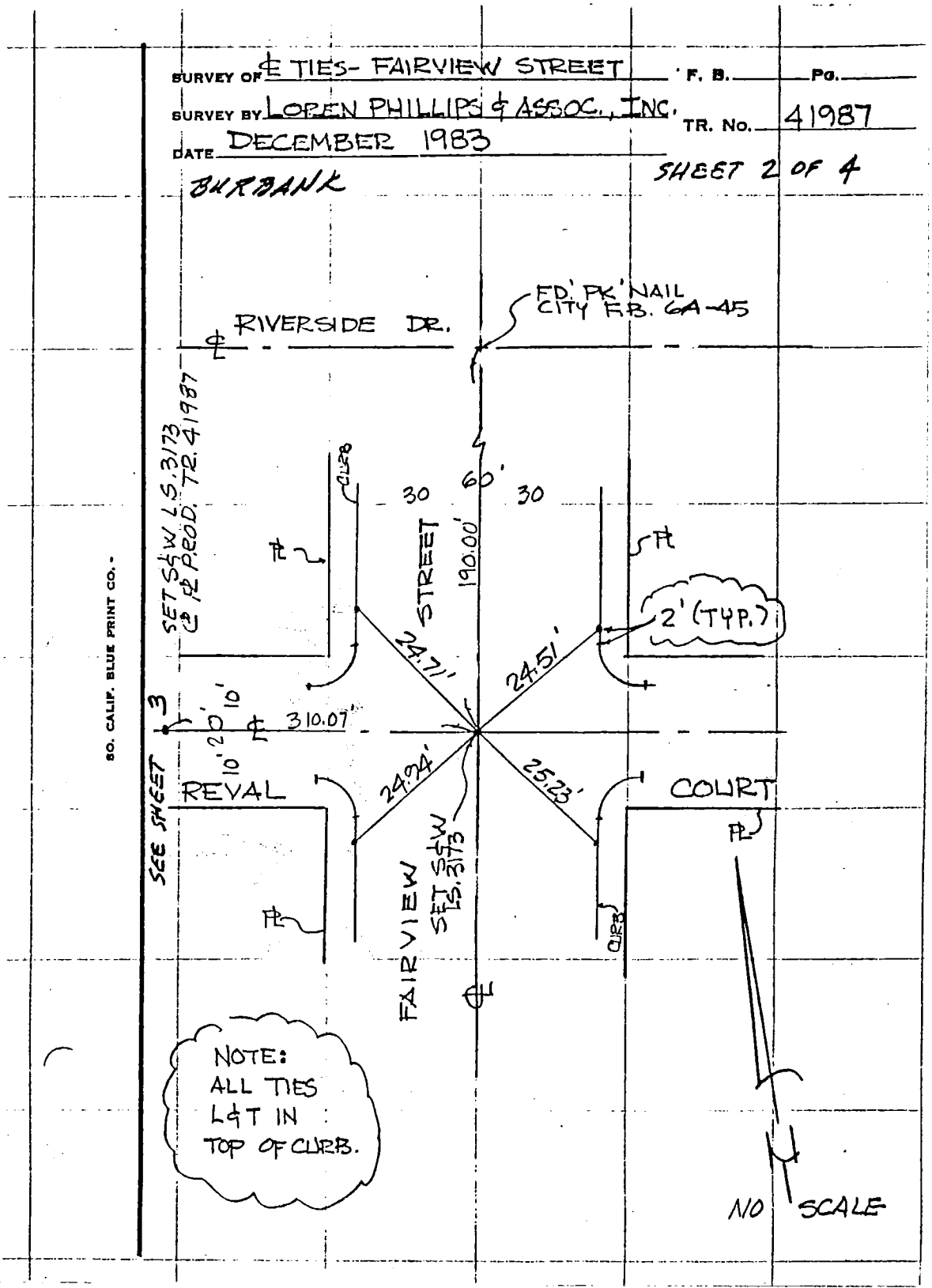
SURVEY OF ℄ TIES- FAIRVIEW STREET F. B. Pg.

SURVEY BY LOREN PHILLIPS & ASSOC., INC. TR. No. 41987

DATE DECEMBER 1983

BURBANK

SHEET 2 OF 4



CO ENG FB 3671-17

17

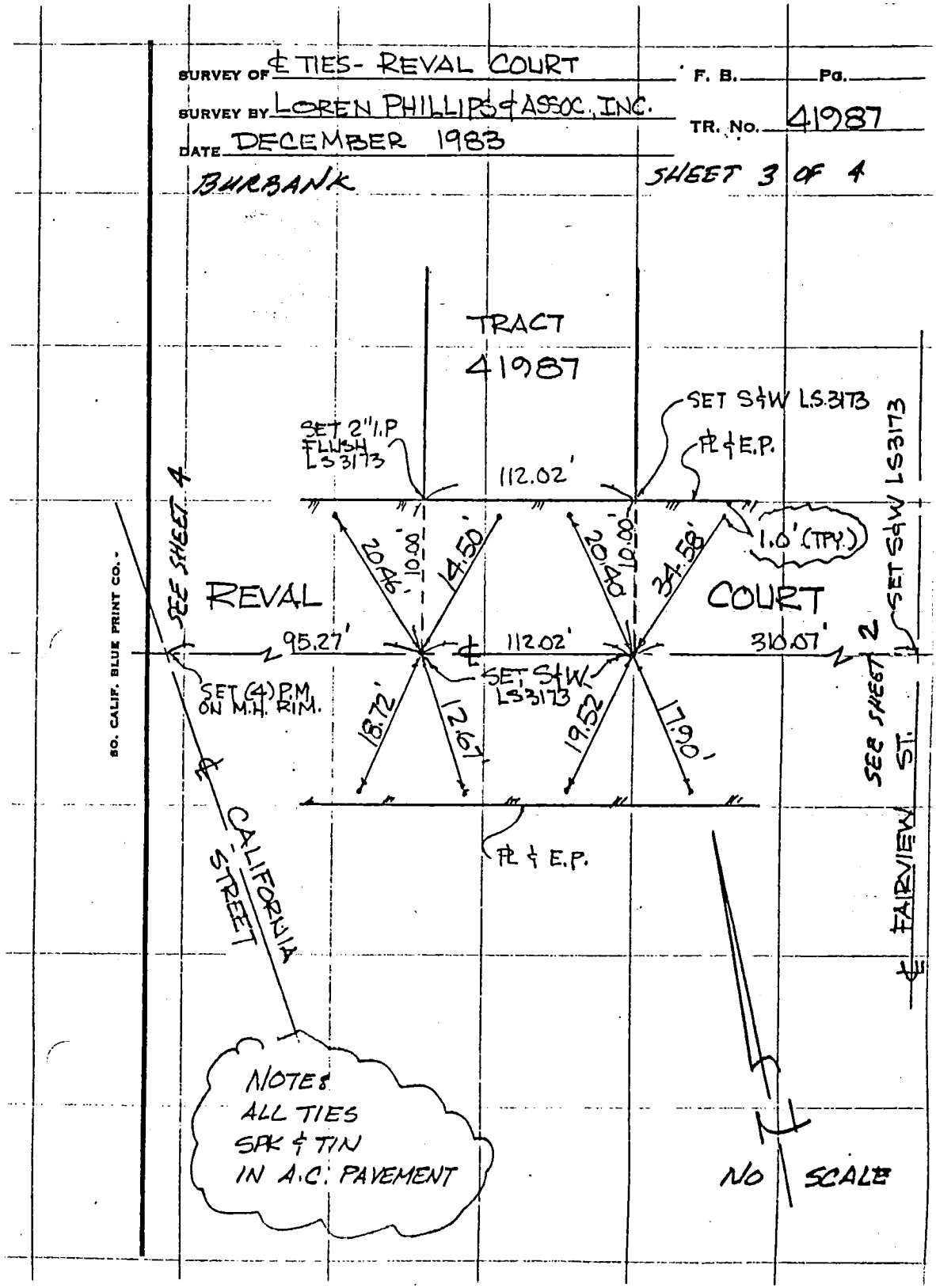
W.S. 40, B-3

SURVEY OF ℄ TIES - REVAL COURT F. B. Pg.

SURVEY BY LOREN PHILLIPS & ASSOC., INC. TR. No. 41987

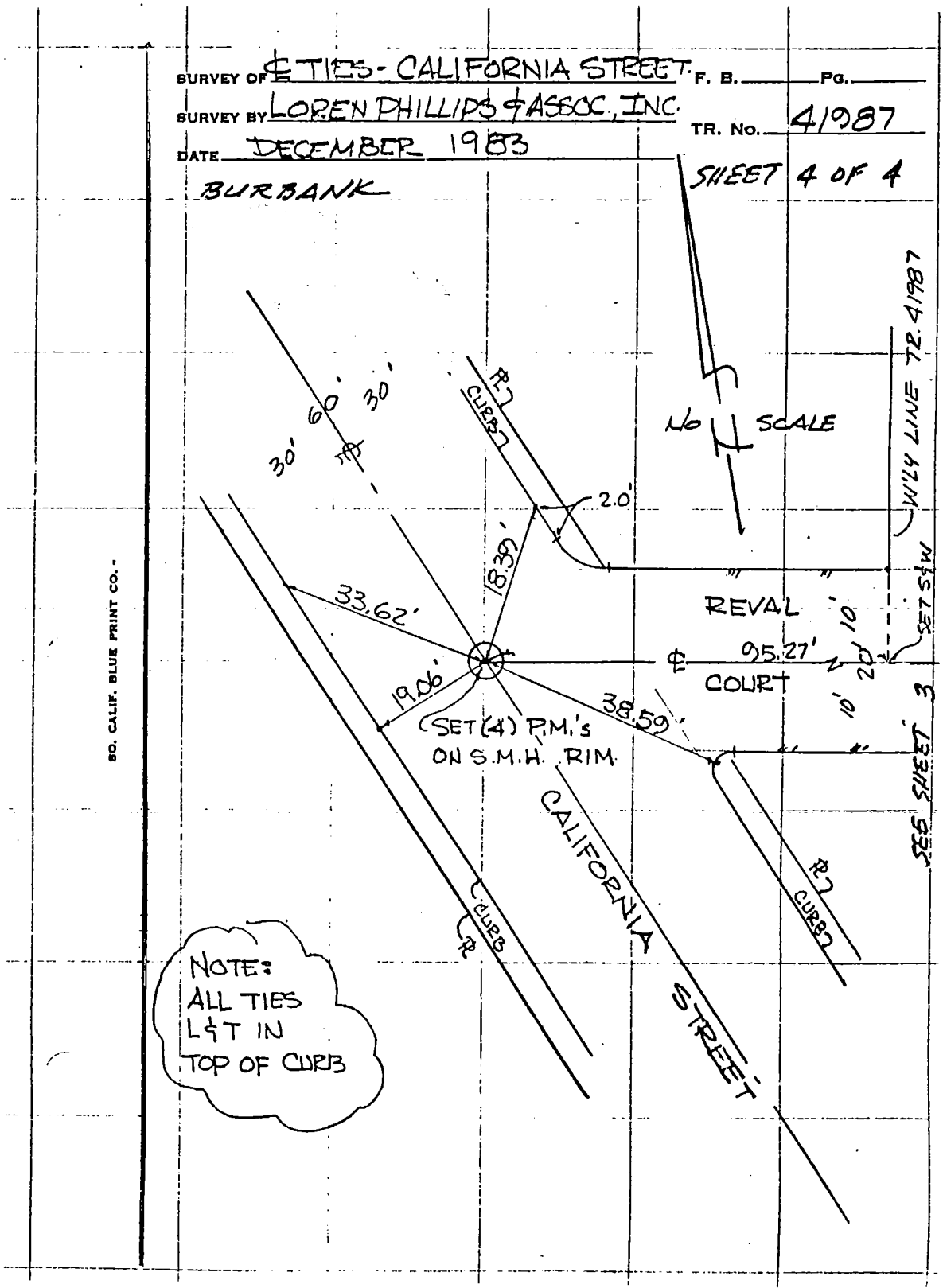
DATE DECEMBER 1983

BURBANK SHEET 3 OF 4



CO ENG FB 3671-18

W.S. 40, B-3



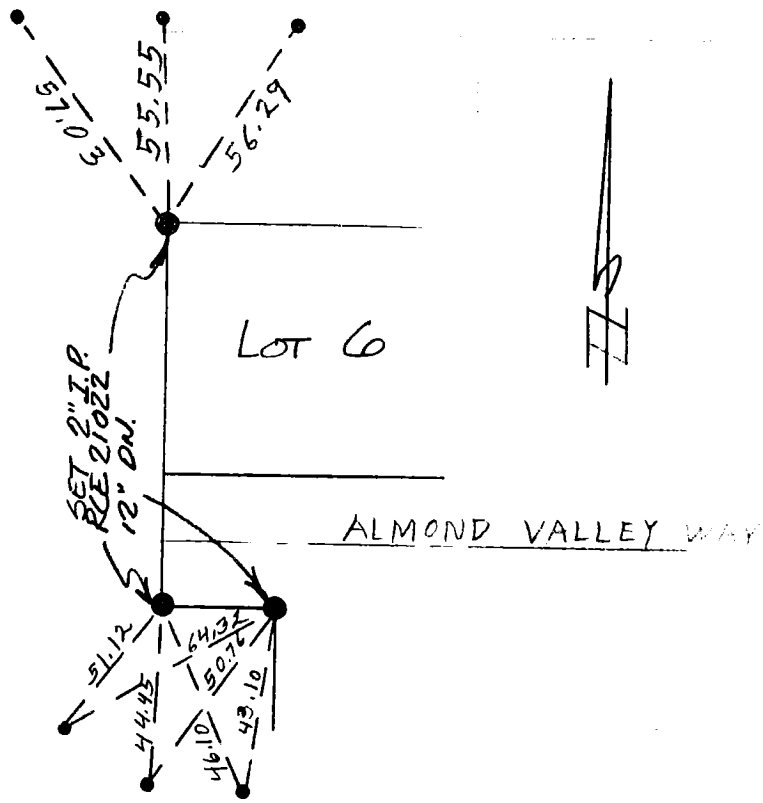
19

n CO ENG FB 3671-19

SURVEY OF TRACT MONUMENTS F.B. NO. PAGE

SURVEY BY Robert J Bittle TRACT NO. 40527

DATE 4/1/84



SET 2X2 W/NAIL TIES

W.S. 71, B-6

SURVEYORS SERVICE COMPANY - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

114-317, A-1

SURVEYORS SERVICE COMPANY JSTA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

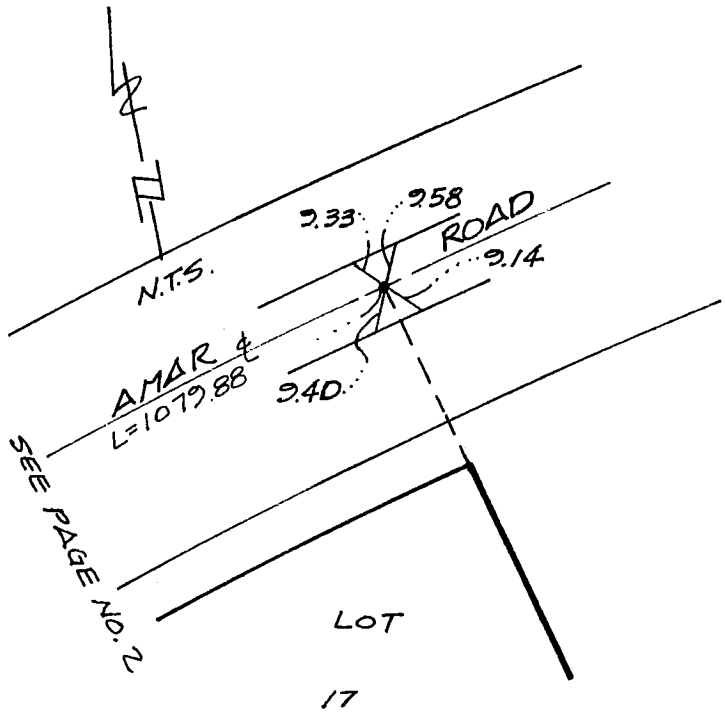
CO ENG FB 3671-20

SURVEY OF CENTERLINE TIES F B NO. PAGE 10 OF 11

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 29526

DATE 4-6-84 ENGINEER: TOM R. McGANNON, R.C.E. 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

● — SET 1" I.P., TAGGED R.C.E. 23956. FLUSH.

114-317, 4-1

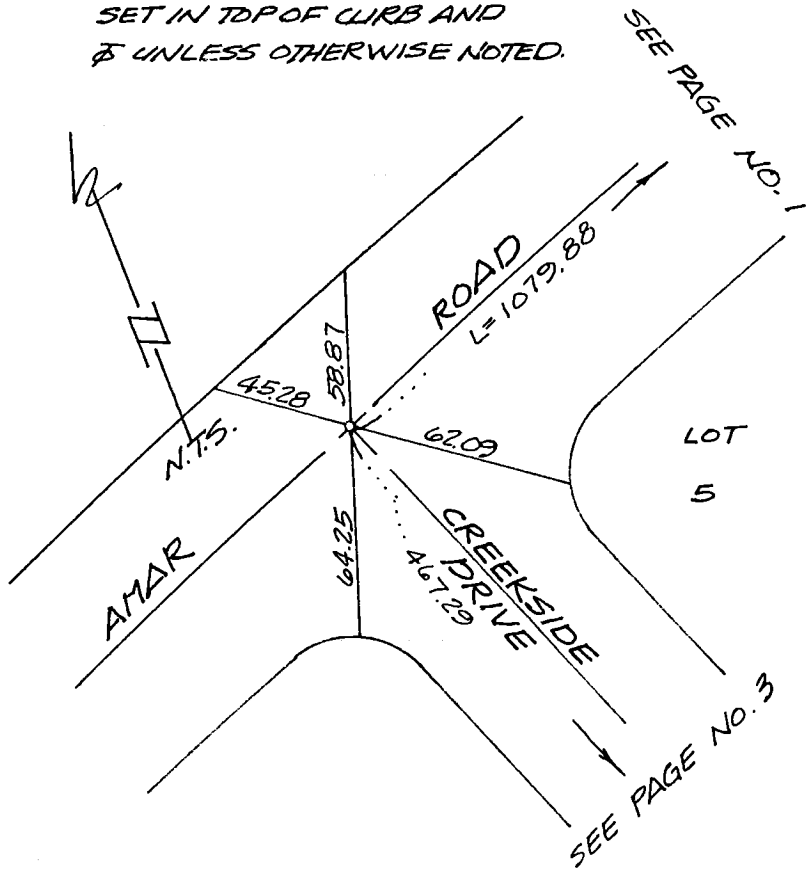
CO ENG FB 3671-21

SURVEY OF CENTERLINE TIES F B NO. PAGE 2 OF 11

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 39526

DATE 4-6-84 ENGINEER: TOM R. McGANNON, RCE. 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE 23956.

SURVEYORS SERVICE COMPAN: OSTA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

114-317, A-1

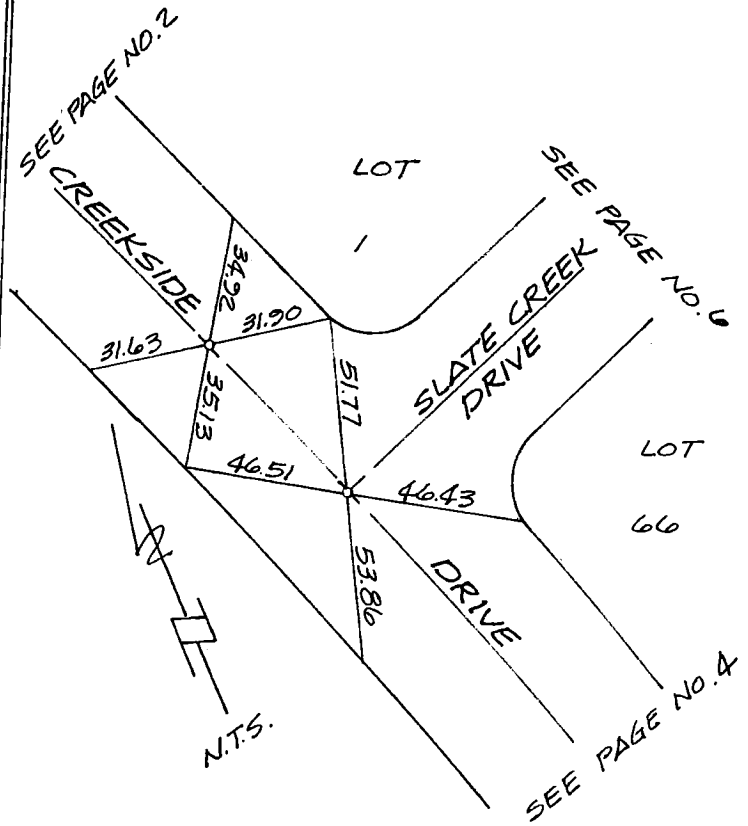
22 CO ENG FB 3671-22

SURVEY OF CENTERLINE TIES F B NO. PAGE 30 OF 11

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 39526

DATE 4-6-84 ENGINEER: TOM R. McGANNON, RCE. 23956.

NOTE: ALL TIE POINTS ARE L & T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE 23956

DO NOT EXTEND NOTES THIS SIDE OF LINE

SURVEYORS SERVICE COMPAN' JSTA MESA - STOCK NO. 411

114-317, A-1

SURVEYORS SERVICE COMPANY - MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

93

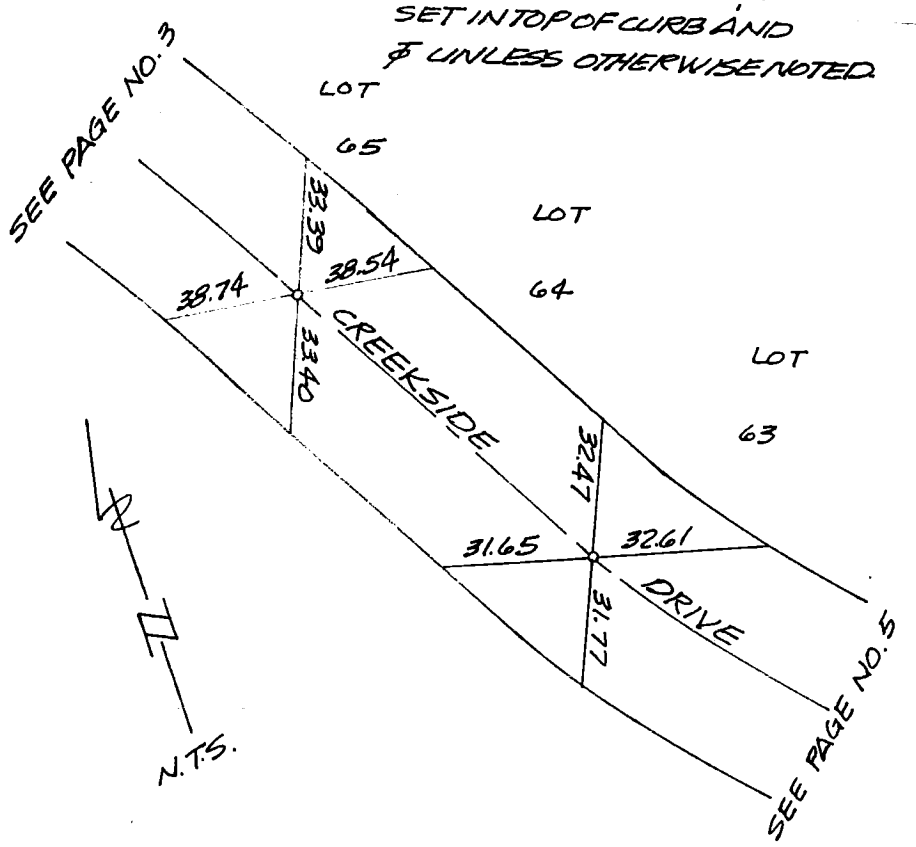
CO ENG FB 3671-23

SURVEY OF CENTERLINE TIES F B NO. PAGE 40 OF 11

SURVEY BY ARLINGAKER & ASSOCIATES TRACT NO. 39526

DATE 4-6-84 ENGINEER: TOM R. McGANNON, RCE 23956.

NOTE: ALL TIE POINTS ARE LET SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE. 23956.

114-317, A-1

SURVEYORS SERVICE COMPANY JSTA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

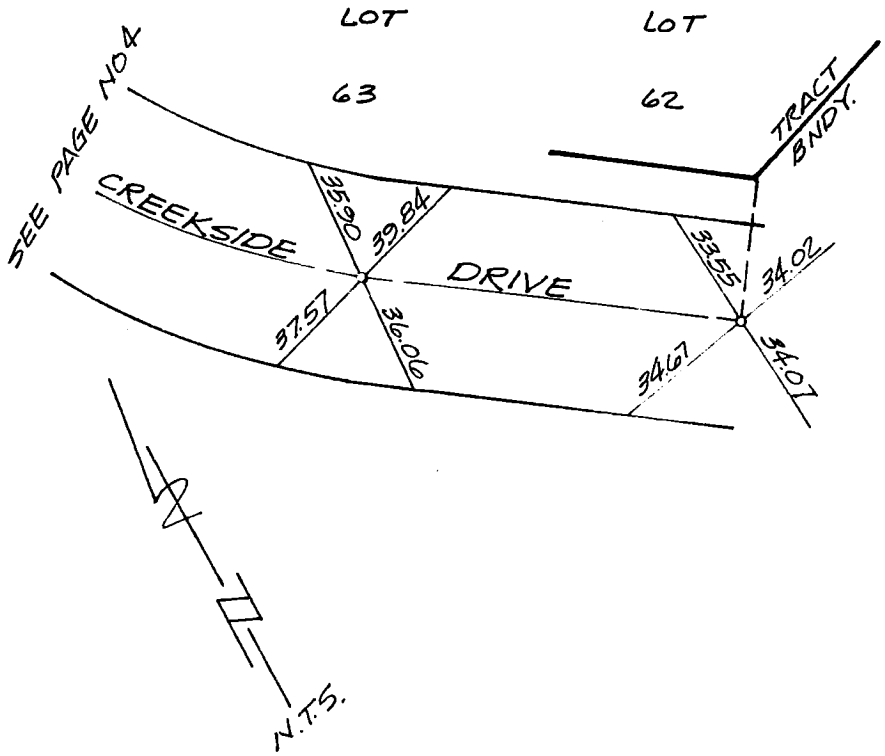
CO ENG FB 3671-24

SURVEY OF CENTERLINE TIES F B NO. PAGE 50 OF 11

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 39526

DATE 4-6-84 ENGINEER: TOM R. McGANNON, RCE 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHER WISE NOTED



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE. 23956.

114-312A-1

SURVEYORS SERVICE COMPANY COSTA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

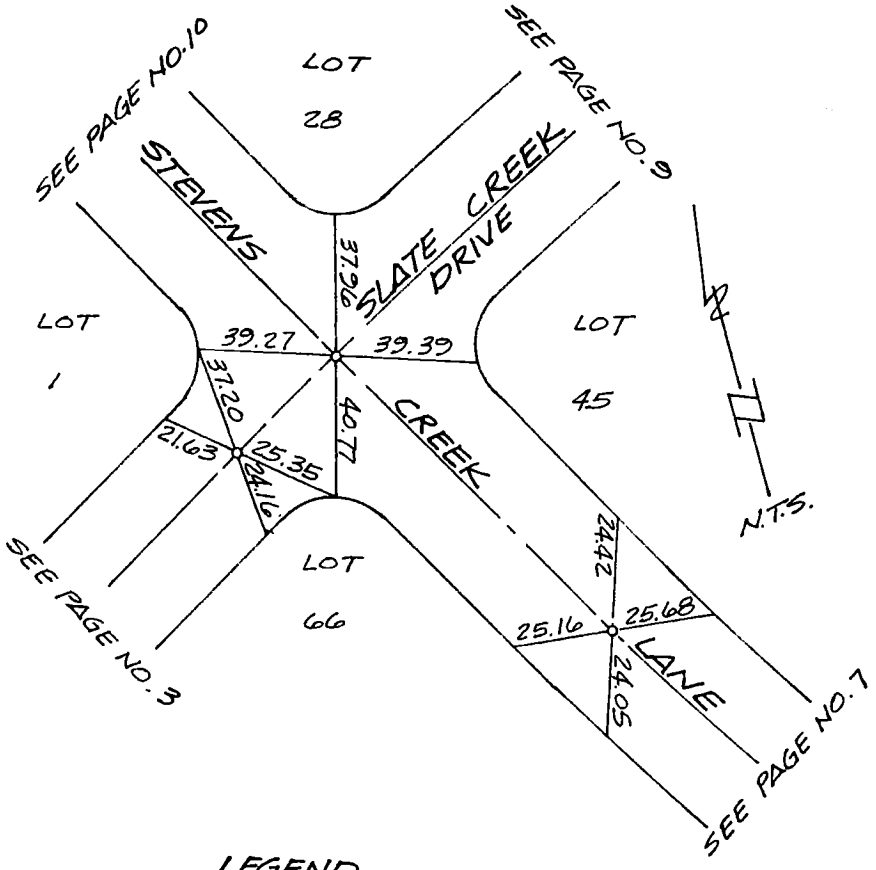
95 a CO ENG FB 3671-25

SURVEY OF CENTERLINE TIES F B NO. PAGE 60 OF 11

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 39526

DATE 4-6-84 ENGINEER: TOM R. McGANNON, RCE. 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED

114-317, A-1

SURVEYORS SERVICE COMPAN' JSTA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

26

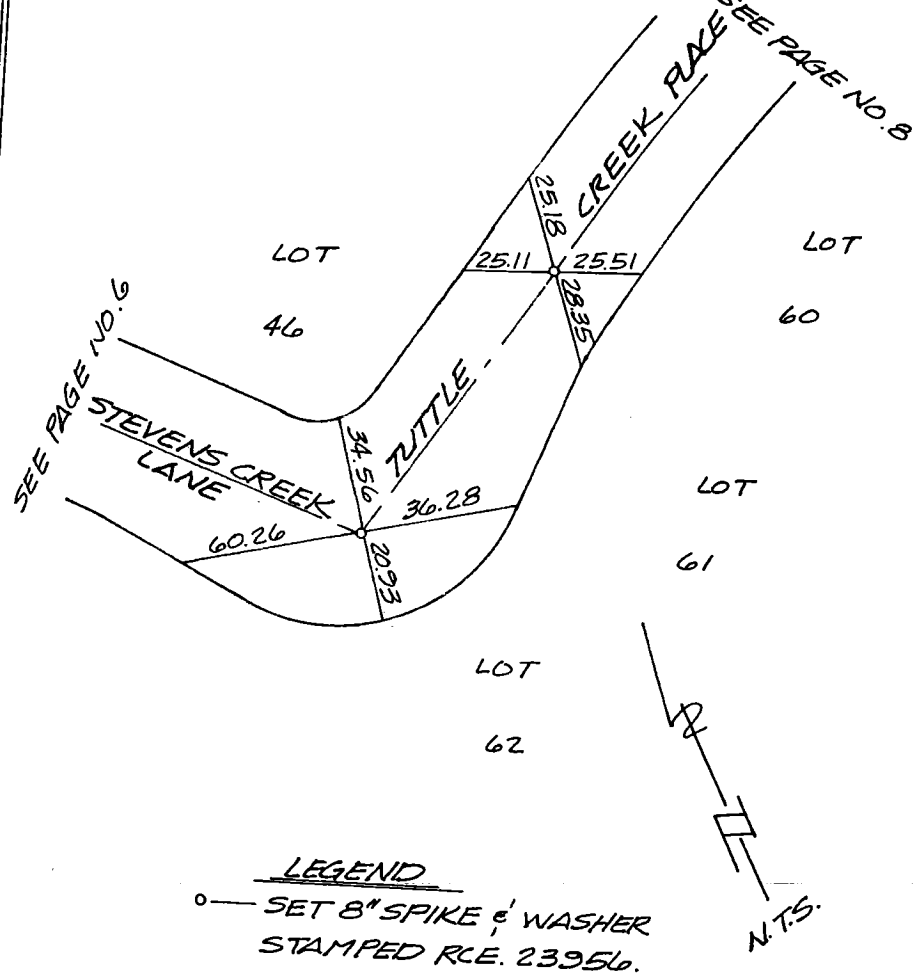
CO ENG FB 3671-26

SURVEY OF CENTERLINE TIES F B NO. PAGE 7 OF 11

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 39526

DATE 4-6-84 ENGINEER: TOM R. McGANNON, RCE. 23956.

NOTE: ALL TIEPOINTS ARE L&T SET IN TOP OF CURB AND ⌀ UNLESS OTHERWISE NOTED.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE. 23956.

114-317A-1

27

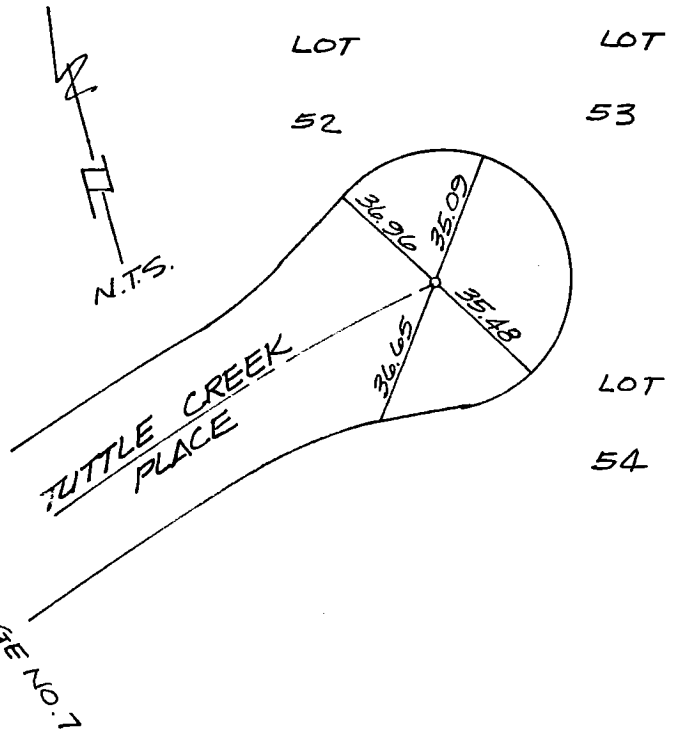
CO ENG FB 3671-27

SURVEY OF CENTERLINE TIES F B NO. PAGE 80 OF 11

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 39526

DATE 4-6-84 ENGINEER: TOM R. McGANNON, RCE. 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



DO NOT EXTEND NOTES THIS SIDE OF LINE

SEE PAGE NO. 7

LEGEND

o— SET 8" SPIKE & WASHER. STAMPED RCE. 23956.

SURVEYORS SERVICE COMPANY · COSTA MESA · STOCK NO. 411

114-312 4-1

SURVEYORS SERVICE COMPANY - COSTA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

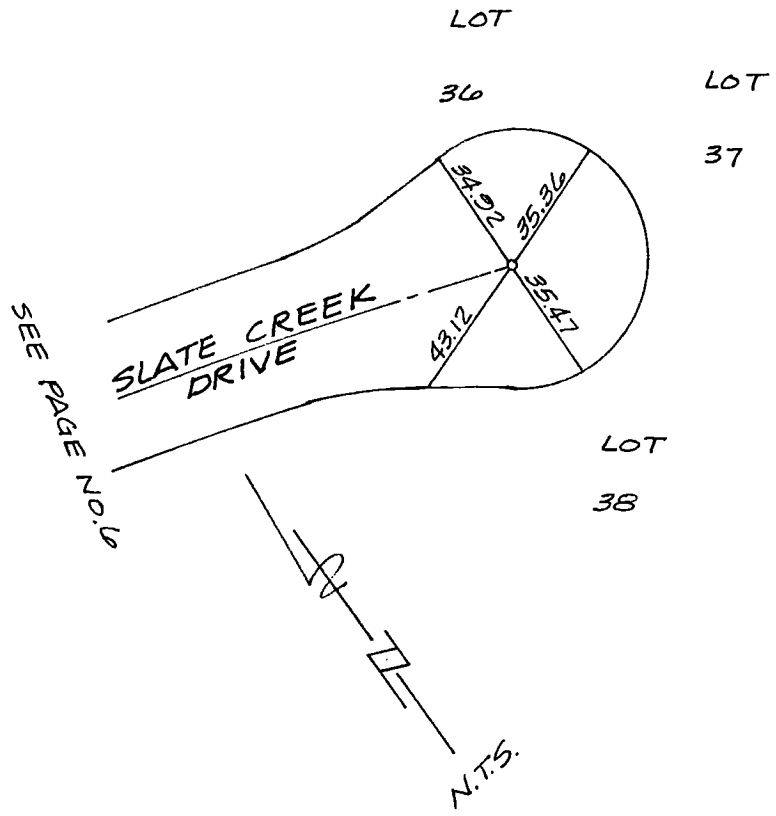
28 CO ENG FB 3671-28

SURVEY OF CENTERLINE TIES F B NO. PAGE 20 OF 11

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 39526

DATE 4-6-84 ENGINEER: TOM R. McGANNON, RCE 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE. 23956.

114-312 A-1

29

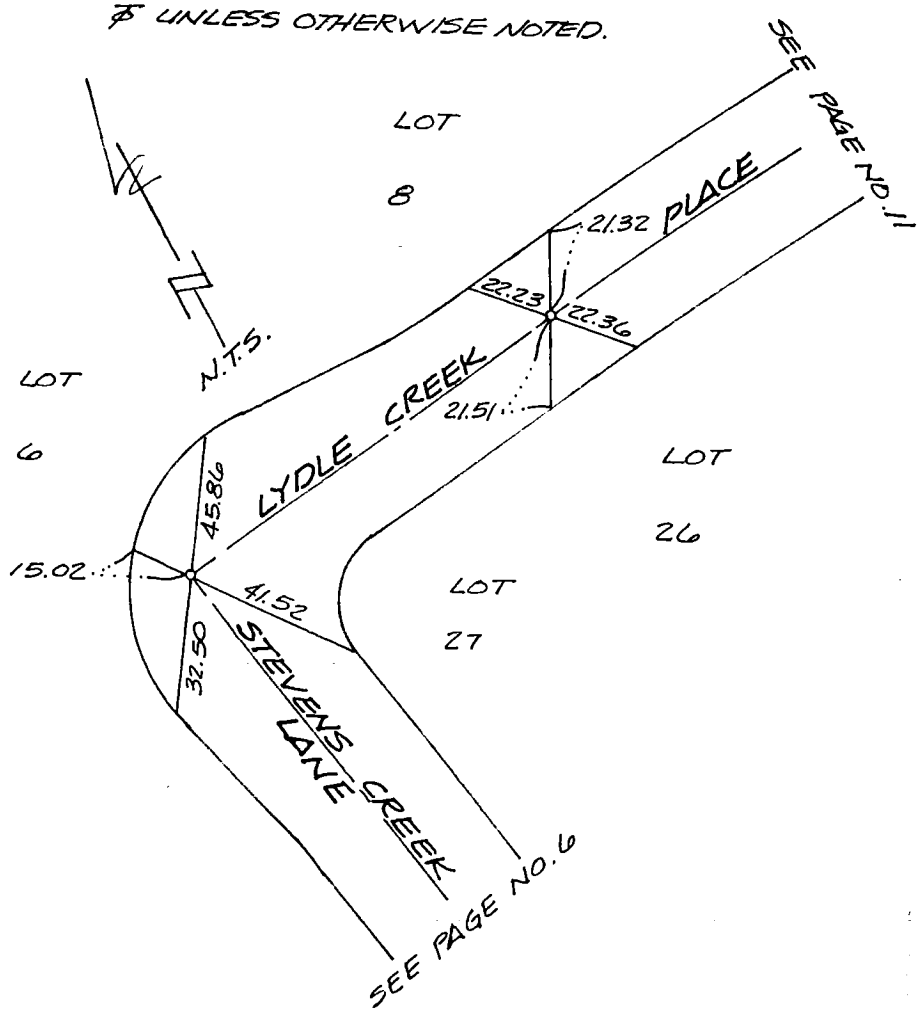
CO ENG FB 3671-29

SURVEY OF CENTERLINE TIES F B NO. _____ PAGE 10 OF 11

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 39526

DATE 4-6-84 ENGINEER: TOM R. McGANNON, RCE. 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ⌀ UNLESS OTHERWISE NOTED.



LEGEND

o— SET 8" SPIKE & WASHER STAMPED RCE 23956.

SURVEYORS SERVICE COMPAN' ...STA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

114-317, 4-1

SURVEYORS SERVICE COMPANY, MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

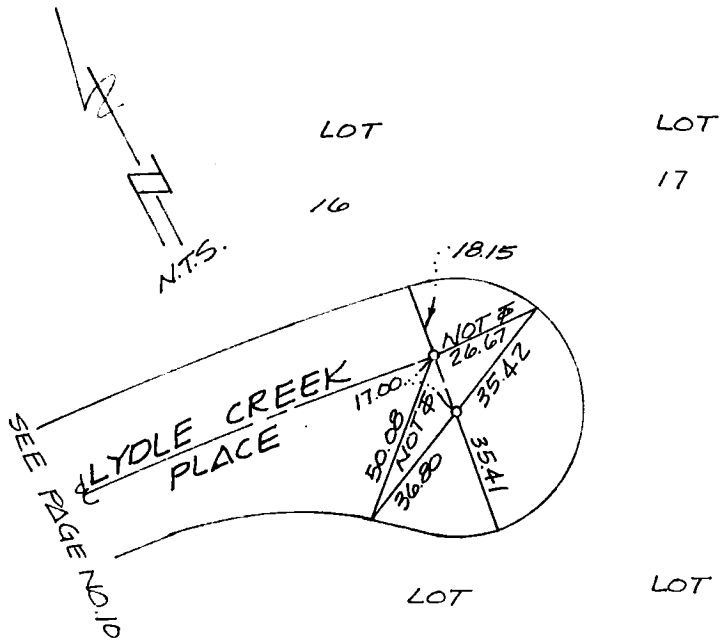
CO ENG FB 3671-30

SURVEY OF CENTERLINE TIES F B NO. ____ PAGE 10 OF 11

SURVEY BY HUNSAKER & ASSOCIATES TRACT NO. 32526

DATE 4-6-84 ENGINEER: TOM R. McGANNON, RCE. 23956.

NOTE: ALL TIE POINTS ARE L&T SET IN TOP OF CURB AND ℄ UNLESS OTHERWISE NOTED.



LEGEND

o—SET 8" SPIKE & WASHER STAMPED RCE. 23956.

CO ENG FB 3671-31

Notes Ck'd by	Survey of CENTERLINE TIES
Map No.	JN Tape Std °F
Office Work	Surveyed by ENGINEERING TECHNOLOGY INC
Checked	Notes Date 10-18-82
Date	Indexed

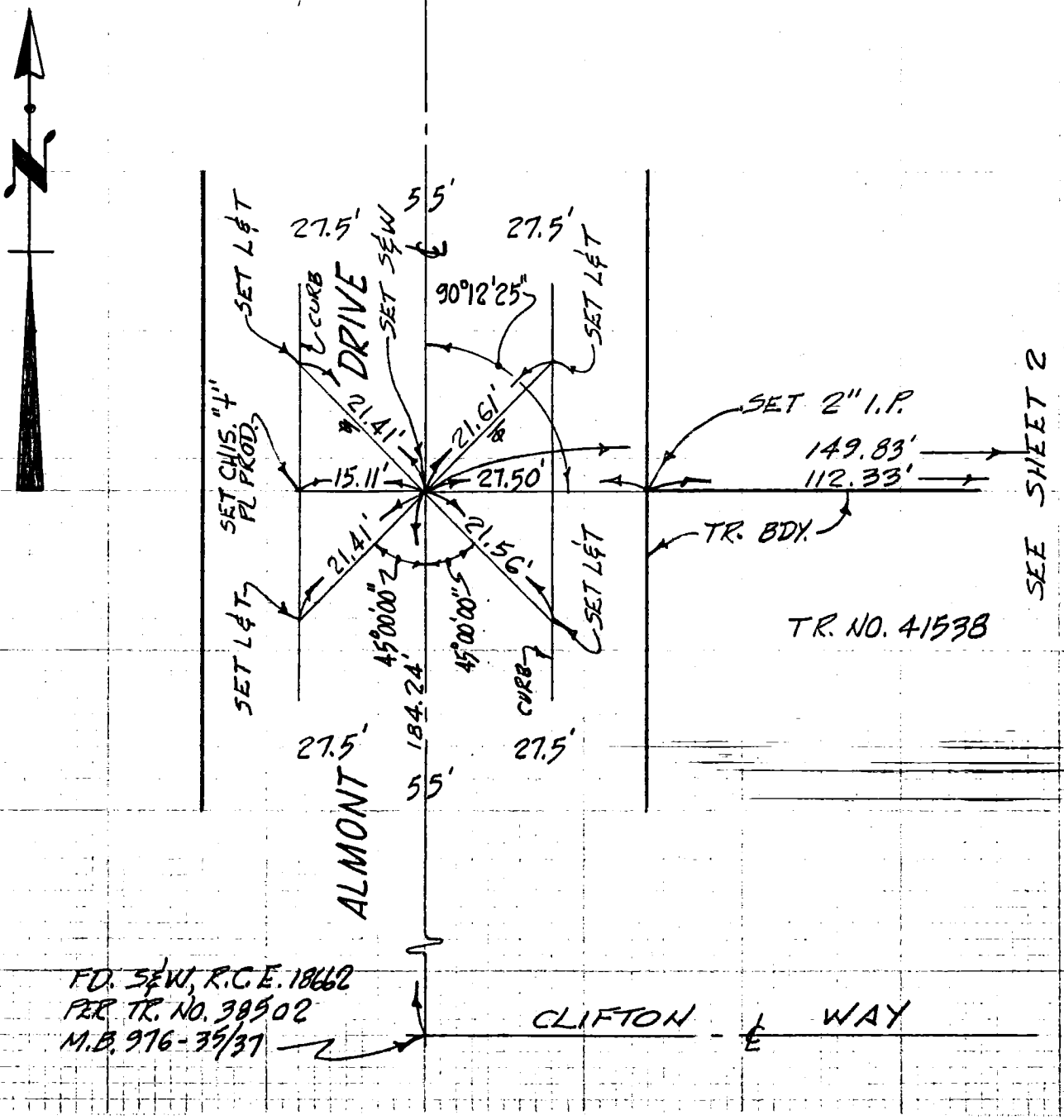
F.B. PG.

SHEET 1 OF 2

NOTE: ANY ADDITIONS 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

W.S. 22, B-4



CENTERLINE NOTES
CE 310
16F-3095-4/73

CO ENG FB 3671-32

Notes Ck'd by	Survey of CENTERLINE TIES
Map No.	JN Tape Std °F
Office Work	Surveyed by ENGINEERING TECHNOLOGY INC
Checked	Notes Date 10-18-82
Date	Indexed

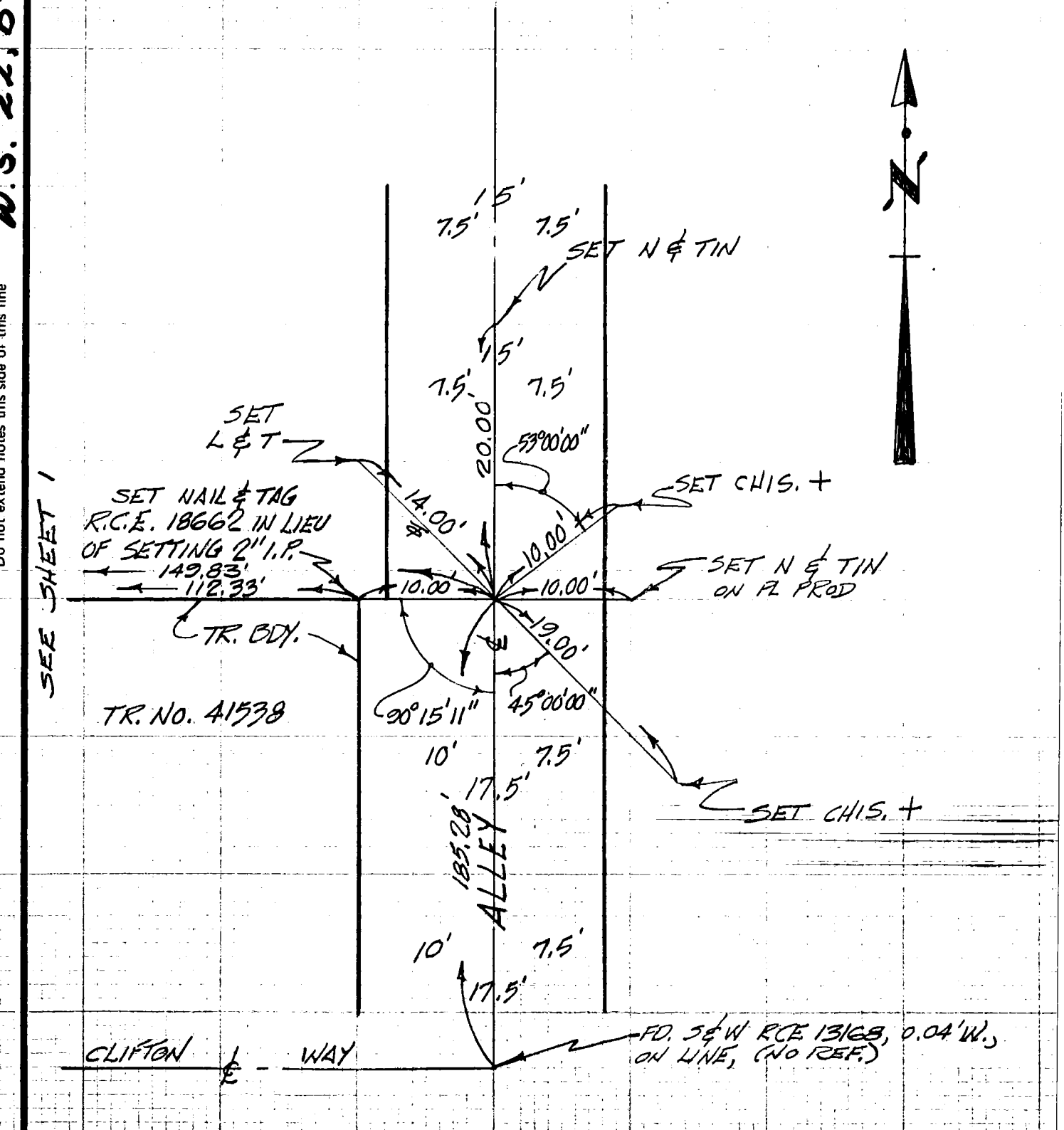
F.B. PG.

SHEET 2 OF 2

NOTE: ANY ADDITIONS 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

W.S. 22, B-4



CENTERLINE NOTES
SE 310
16F3095-4/73

W.S. 71, B-6

SURVEYORS SERVICE COMPANY · MESA · STOCK NO. 411

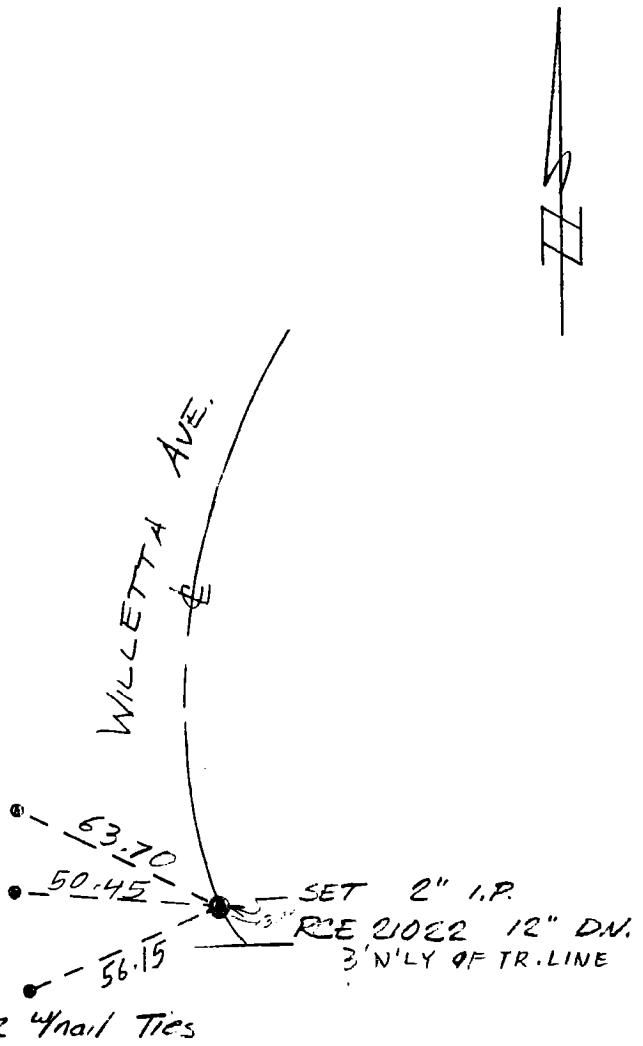
DO NOT EXTEND NOTES THIS SIDE OF LINE

CO ENG FB 3671-33

SURVEY OF TRACT MONUMENTS F B NO. PAGE

SURVEY BY [illegible] TRACT NO. 35304

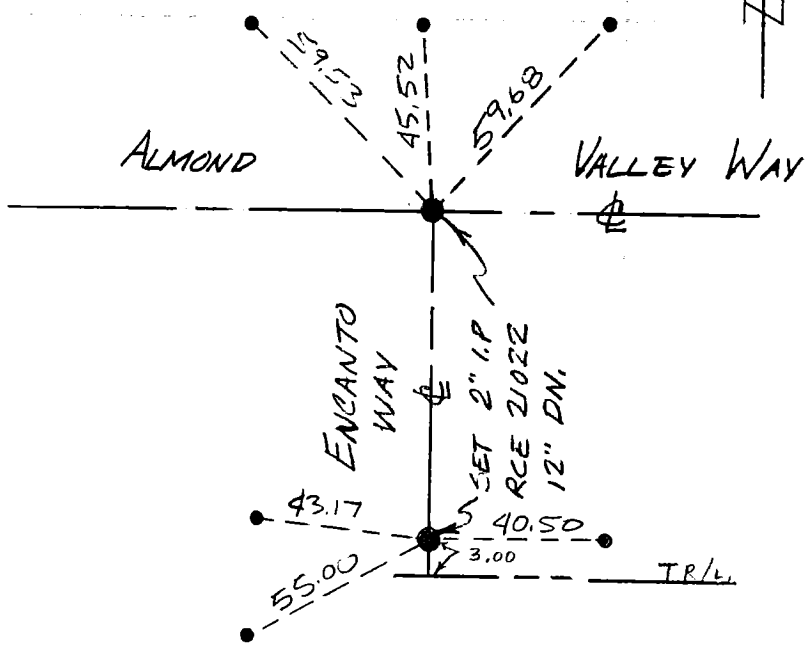
DATE 4/1/84



W.S. 71, B-6

F B NO. _____ PAGE _____

34 CO ENG FB 3671-34



SURVEYORS SERVICE COMPA COSTA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

W. S. 71, B-6

SURVEYORS SERVICE COMPANY MESA - STOCK NO. 411

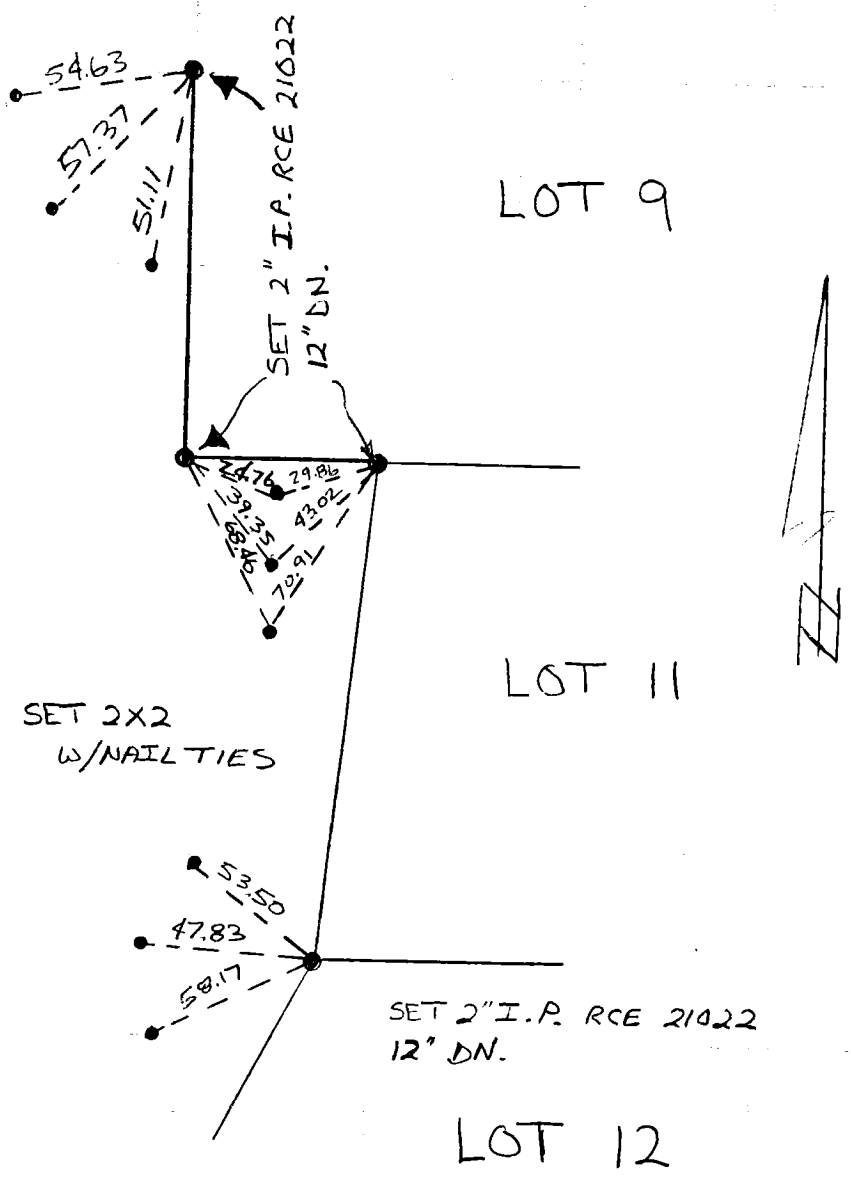
DO NOT EXTEND NOTES THIS SIDE OF LINE

35 CO ENG FB 3671-35

SURVEY OF TRACT MONUMENTS F B NO. PAGE

SURVEY BY Robert J. Rittel TRACT NO. 35304

DATE 4/1/84

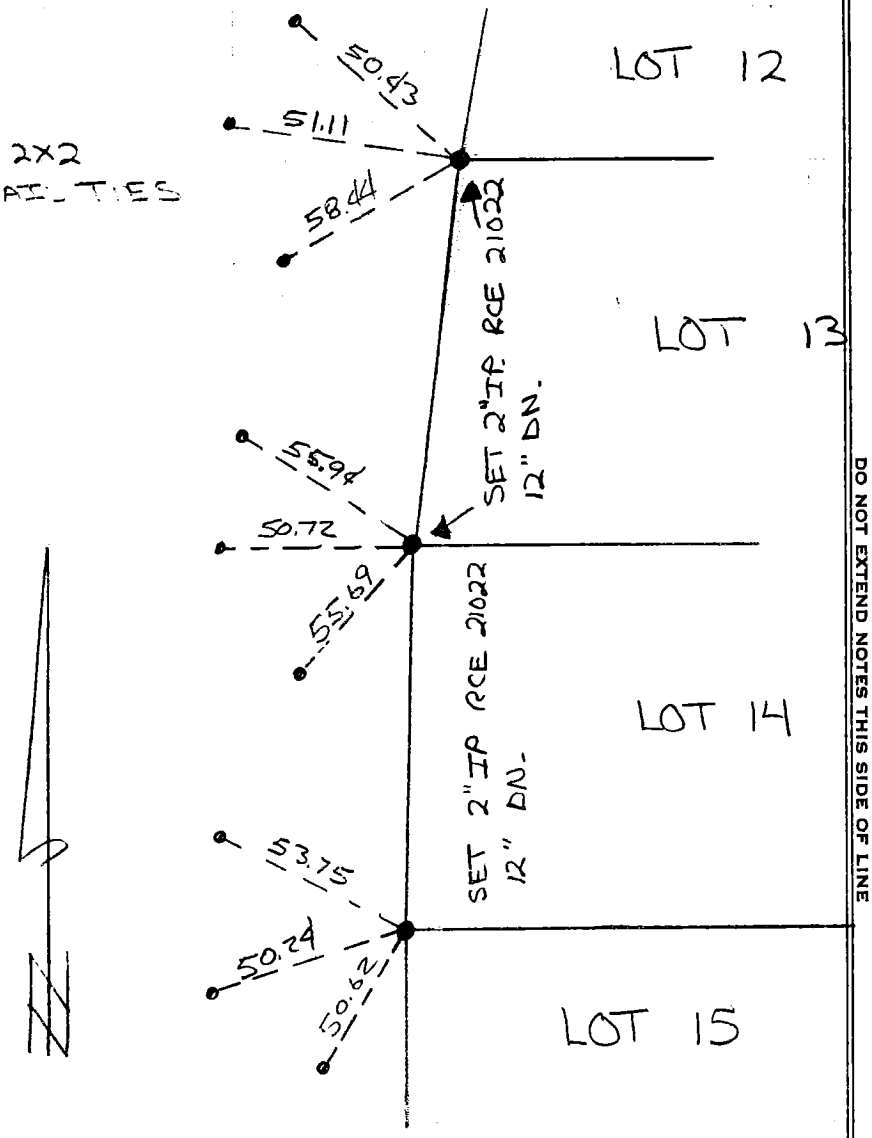


W.S. 71, 8-6

36

CO ENG FB 3671-36

F B NO._____PAGE_____



DO NOT EXTEND NOTES THIS SIDE OF LINE

SURVEYORS SERVICE COMPA COSTA MESA - STOCK NO. 411

W.S. 71, 8-6

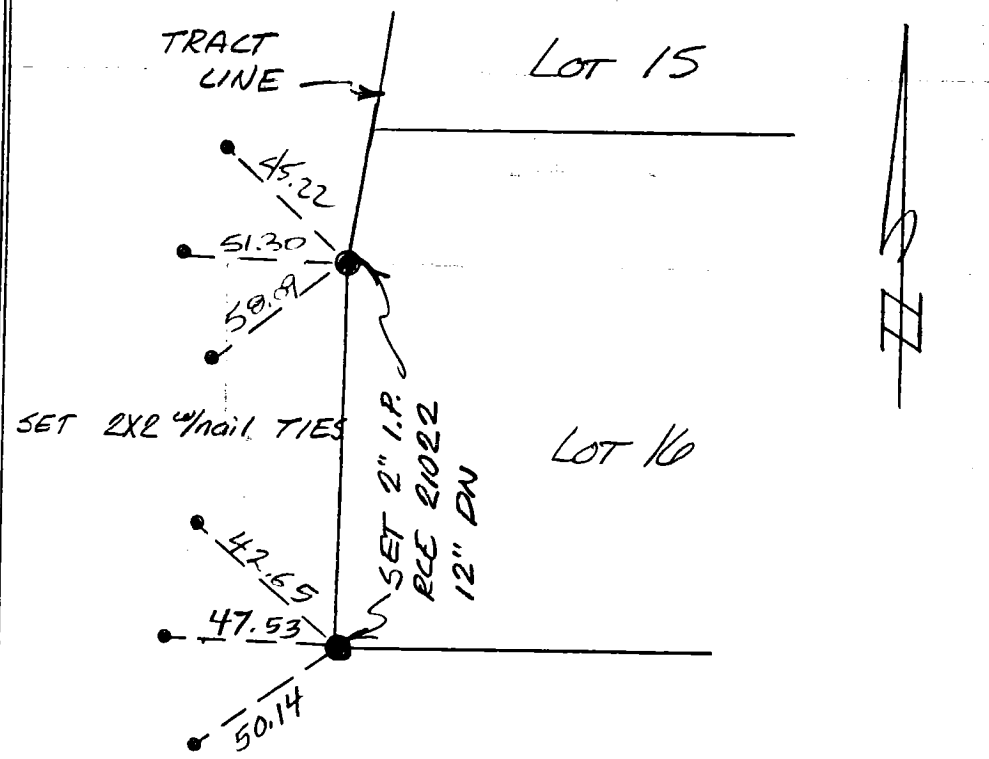
CO ENG FB 3671-37

37

SURVEY OF TRACT MONUMENTS F B NO. PAGE

SURVEY BY Robert J. Hill TRACT NO. 35304

DATE 4/1/84



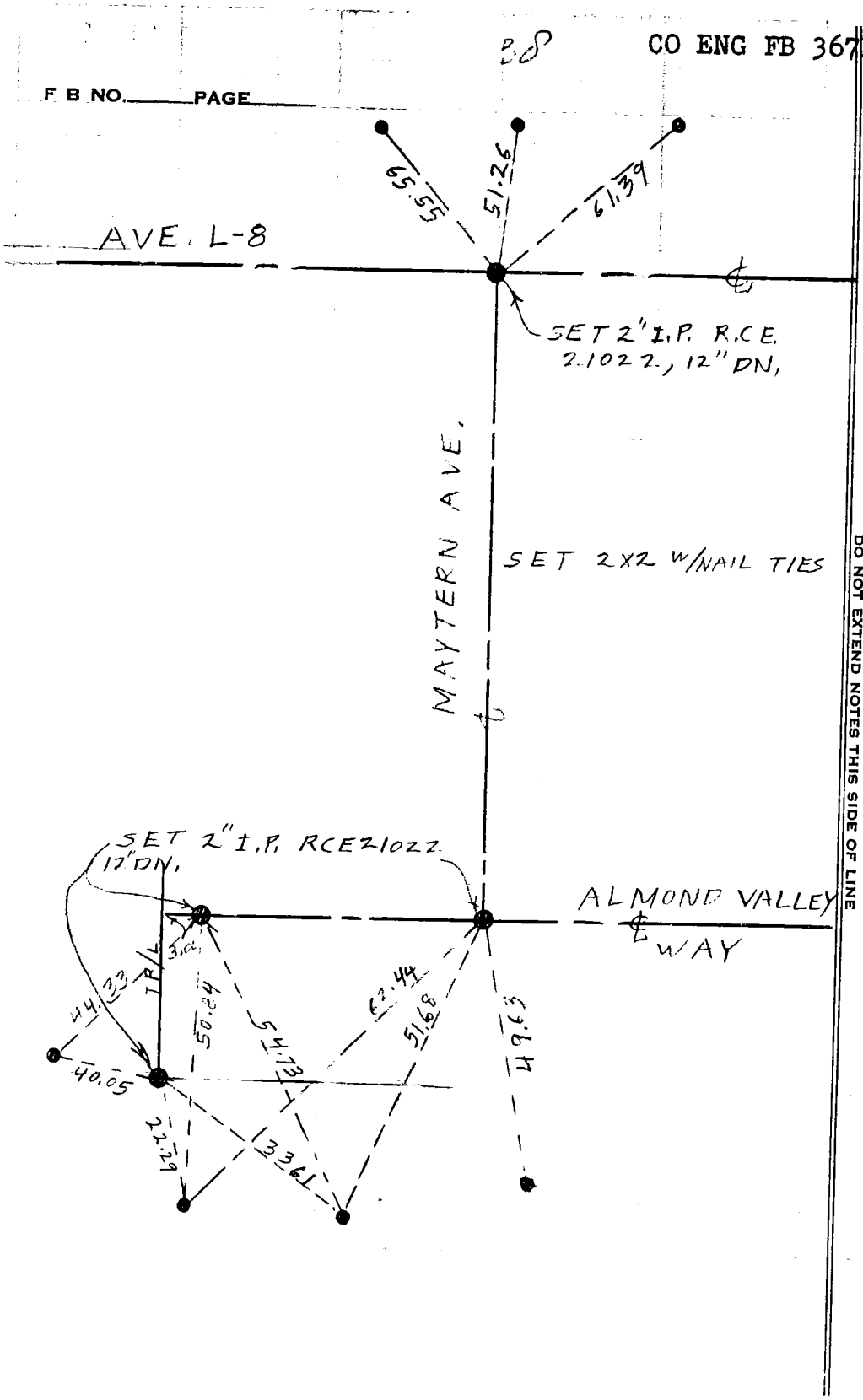
SURVEYORS SERVICE COMPANY MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

W.S. 71, B-6

CO ENG FB 3671-38

F B NO. _____ PAGE _____



DO NOT EXTEND NOTES THIS SIDE OF LINE

SURVEYORS SERVICE COMPA COSTA MESA - STOCK NO. 411

W.S. 71, 8-6

SURVEYORS SERVICE COMPANY MESA - STOCK NO. 411

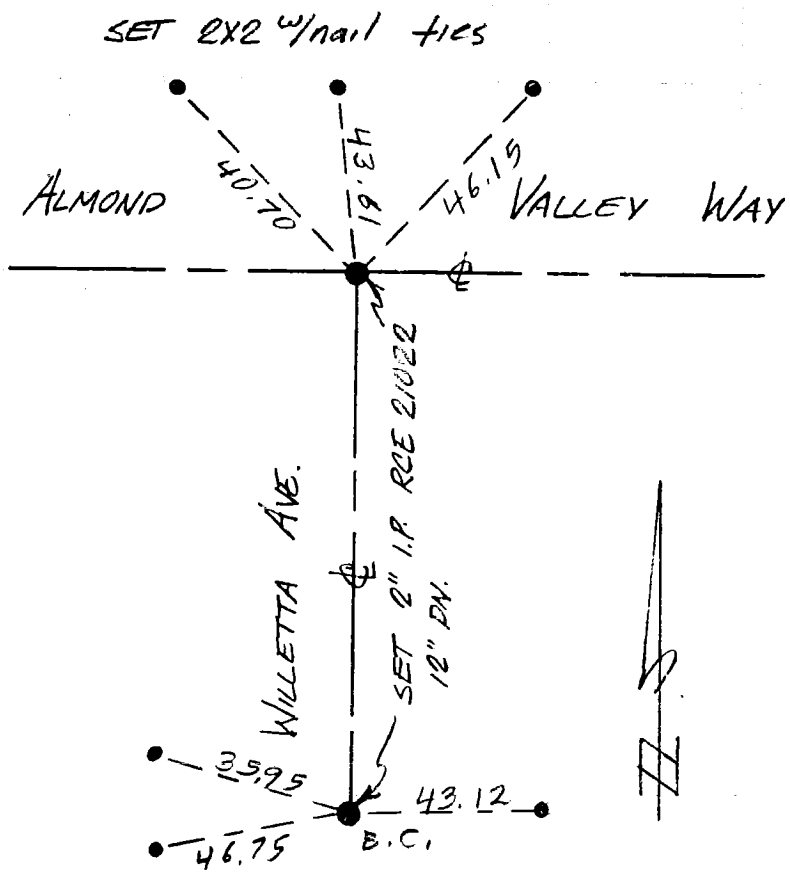
DO NOT EXTEND NOTES THIS SIDE OF LINE

39 CO ENG FB 3671-39

SURVEY OF TRACT MONUMENTS F B NO. PAGE

SURVEY BY Robert J. Bittel TRACT NO. 35304

DATE 4/1/84



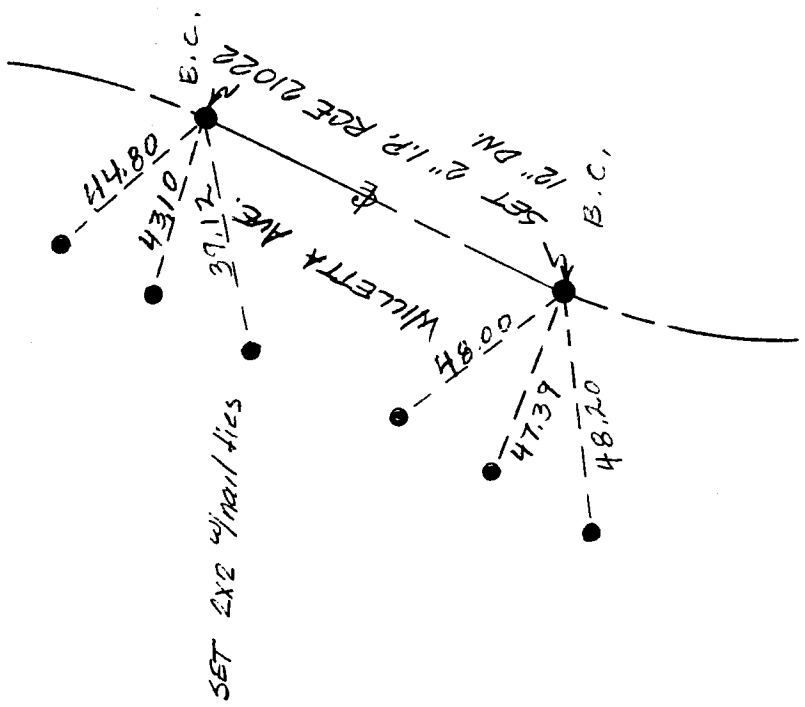
SURVEYORS SERVICE COMPA COSTA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

CO ENG FB 3671-40

1/0

F B NO. PAGE



W.S. 71, 8-6

CO ENG FB 3671-41

ENG. 3.883B (12/78)
Title & Plat Sheet
50% Rag

Surveyed by — DAVID F. GRIMES Date APR. 17, 1984 F.B. _____ Pg. _____

Type of Survey _____ Sheet _____ of _____

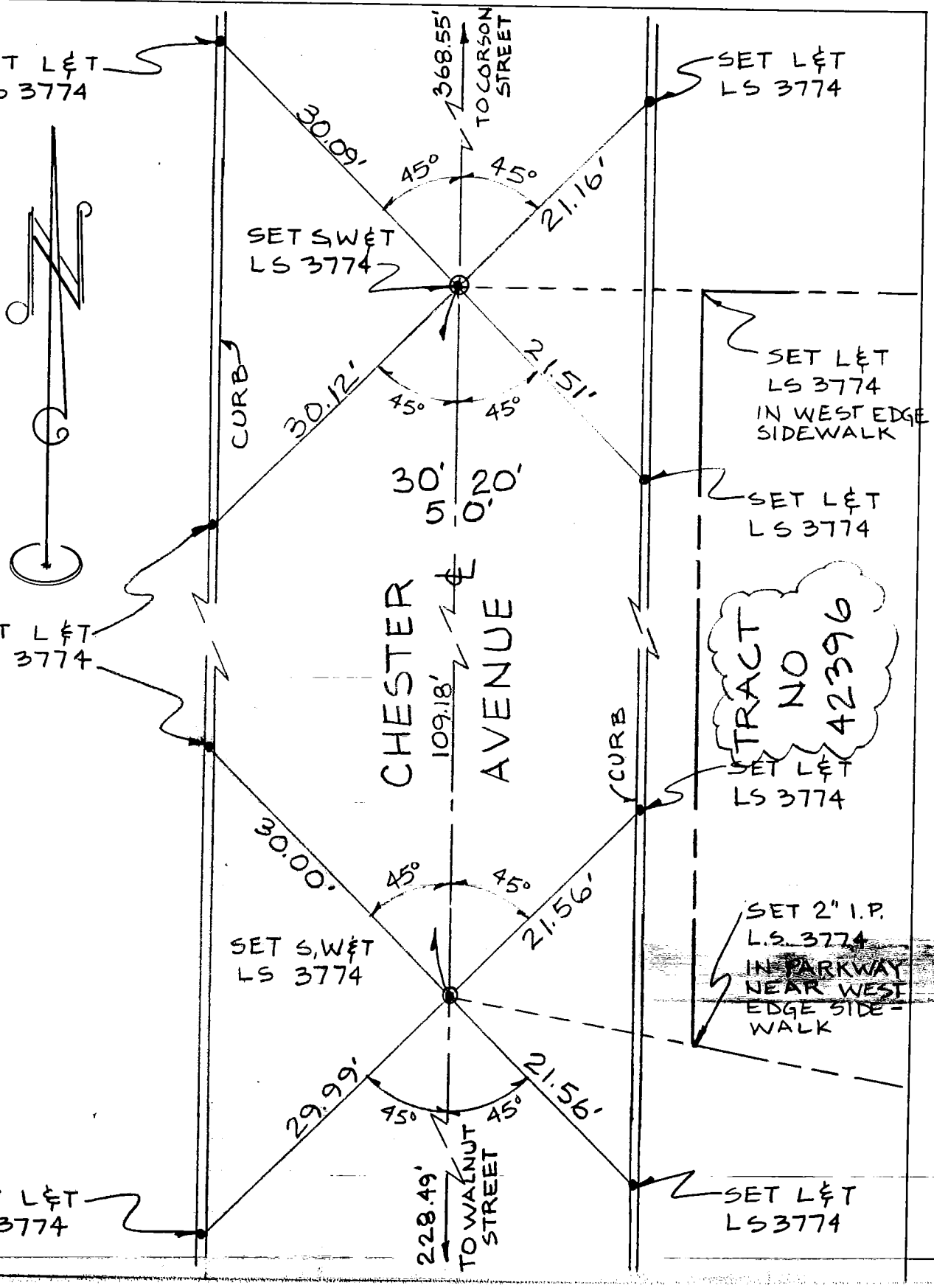
Distances corrected to 68° _____ Monuments tagged

LS # 3774 (Tract or ~~RCE #~~ _____ ~~Parcel Map #~~ 42396)

Checked by _____ Date _____ km grid _____ MB _____

W.S. 44, A-2

NOTE: Additions or changes must be initialed, and dated.



Return original to
BUREAU OF ENGINEERING
SURVEY DIVISION, Rm. 835
200 N. Main St. — Los Angeles 90012

Ground Dist. X Correction Factor: _____ = Grid Distance

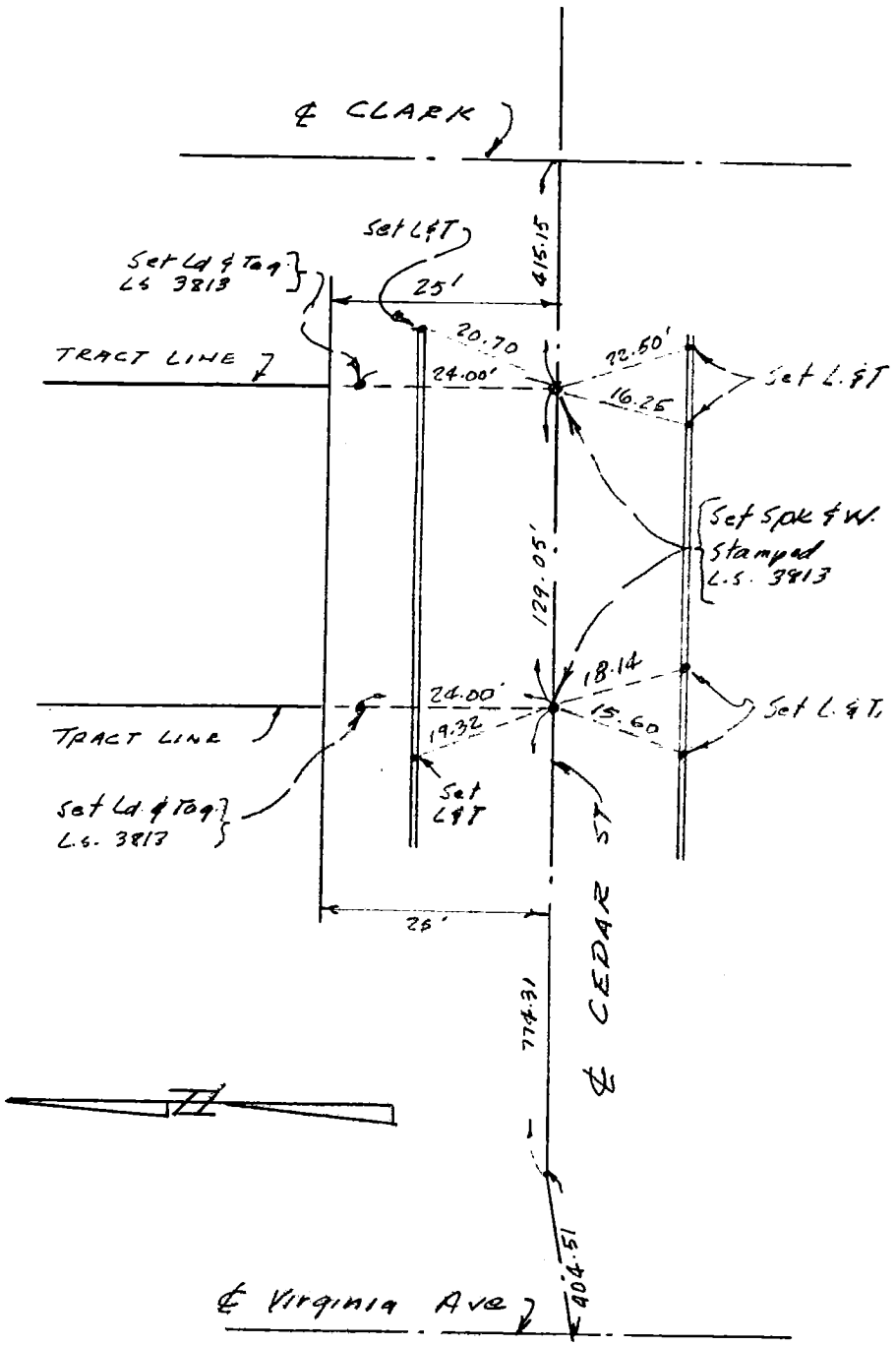
CO ENG FB 3671-42

W. S. 33, A-5

SURVEY OF ℄ Monuments F B NO. PAGE

SURVEY BY R. Britzman LS 3813 TRACT NO. 42247

DATE 4-26-84



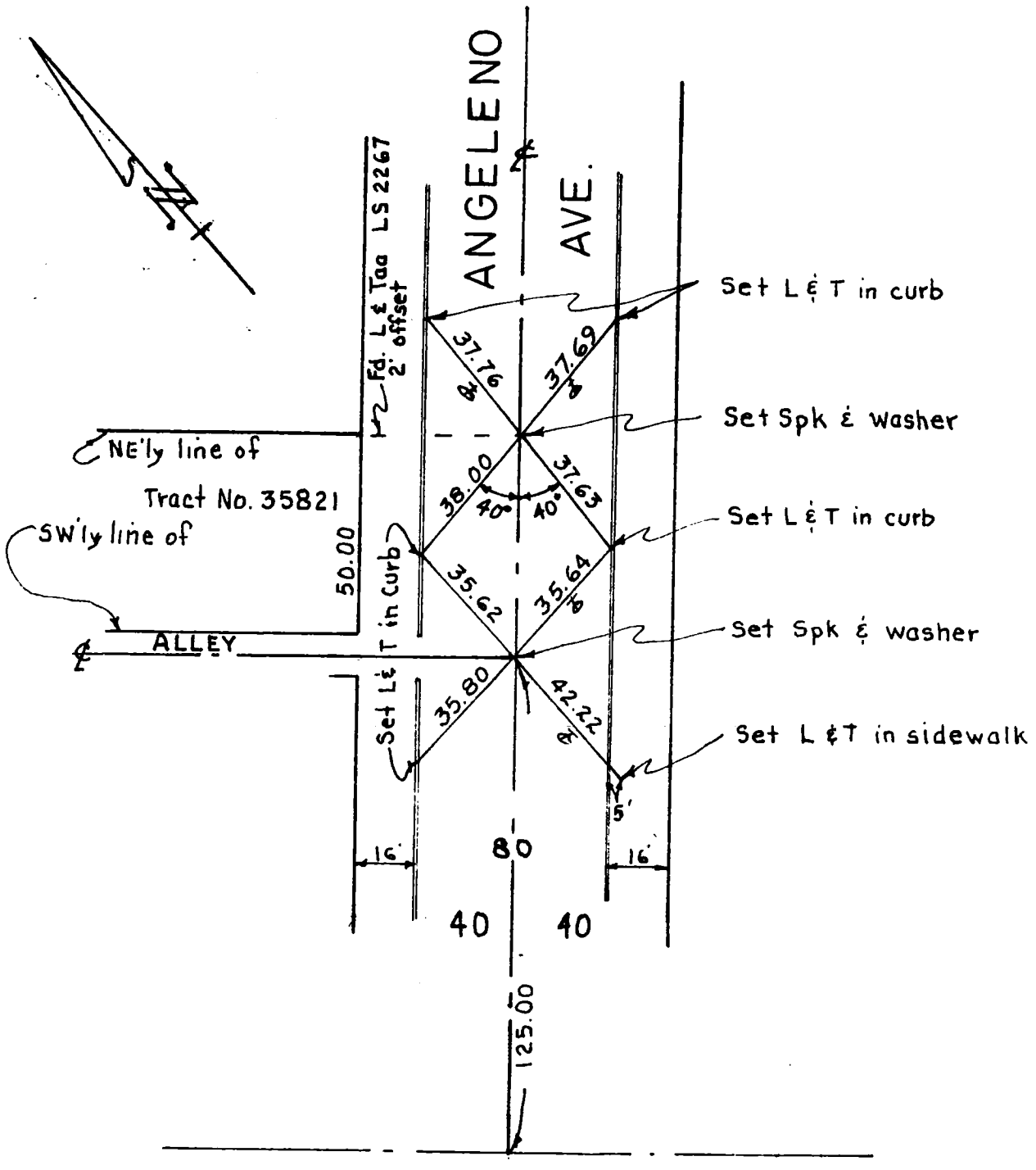
SURVEYORS SERVICE COMPANY, C A MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

CO ENG FB 3671-43

TRACT NO. 35821
Dyson Y. Hamner RCE 9840
November 30, 1983

W.S. 40, C-2



4/ CO ENG FB 3671-44

SURVEY OF 4 TIES F. B. Pg.

SURVEY BY RJS ENGINEERING CO. TR. No. 42627

DATE May 1, 1984

RAMONA STREET

802' West of Clark Ave

CITY OF BELLFLOWER

SO. CALIF. BLUE PRINT CO.

SURVEY PARTY

DAN SPOLAR

CURT SPOLAR

JOHN COMBS

CO ENG FB 3671-45

SURVEY OF CENTERLINE TIES

SURVEY BY RJS ENGINEERING CO. RAYMOND J. SCOTT, RCE 14356

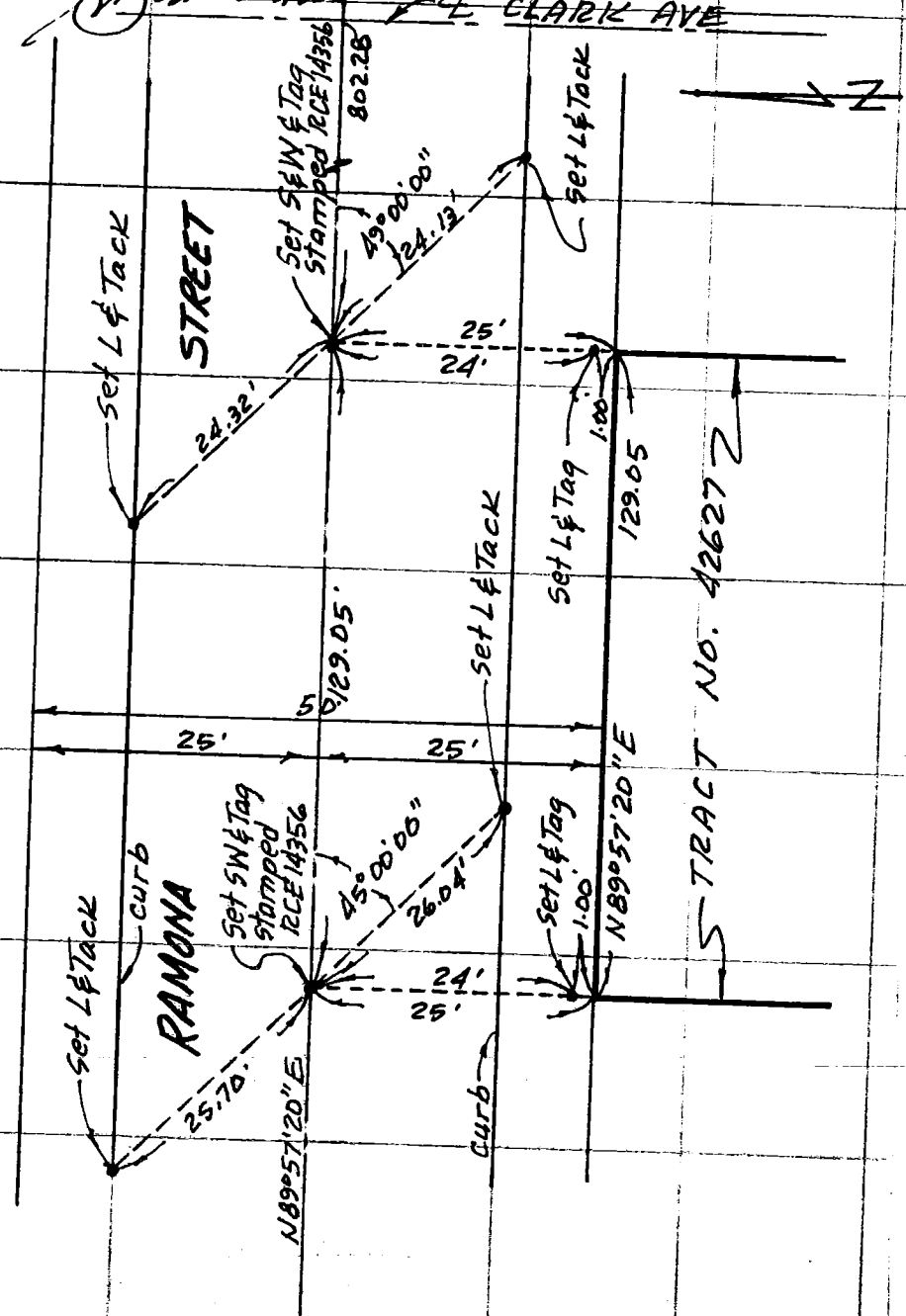
DATE MAY 1, 1984

F. B. _____ PG. _____

TR. No. 42627

Raymond J. Scott RCE 14356

W.S. 33, A-5



SO. CALIF. BLUE PRINT CO.

46 CO ENG FB 3671-46

SURVEY OF 206TH STREET F B NO. PAGE

SURVEY BY R.V. PEARSALL INC. TRACT NO. 39104

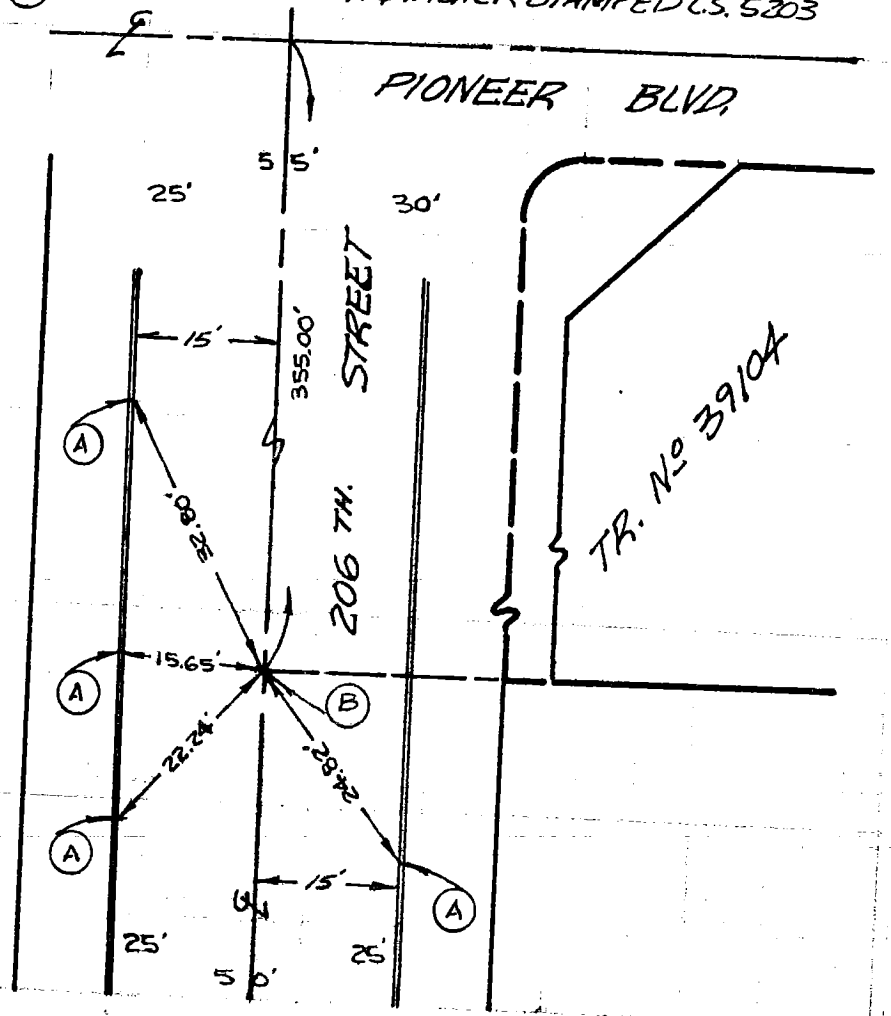
DATE APR 25, 1984

NO SCALE

L.S. 5203

(A) DENOTES A SET L&T IN T.C.

(B) DENOTES A SET SPK & WASHER STAMPED L.S. 5203



W.S. 31, C-1

DO NOT EXTEND NOTES THIS SIDE OF LINE

SURVEYORS SERVICE COMP... ...STA MESA - STOCK NO. 411

47 CO ENG FB 3671-47

SURVEY OF PIONEER BLVD. F.B NO. PAGE

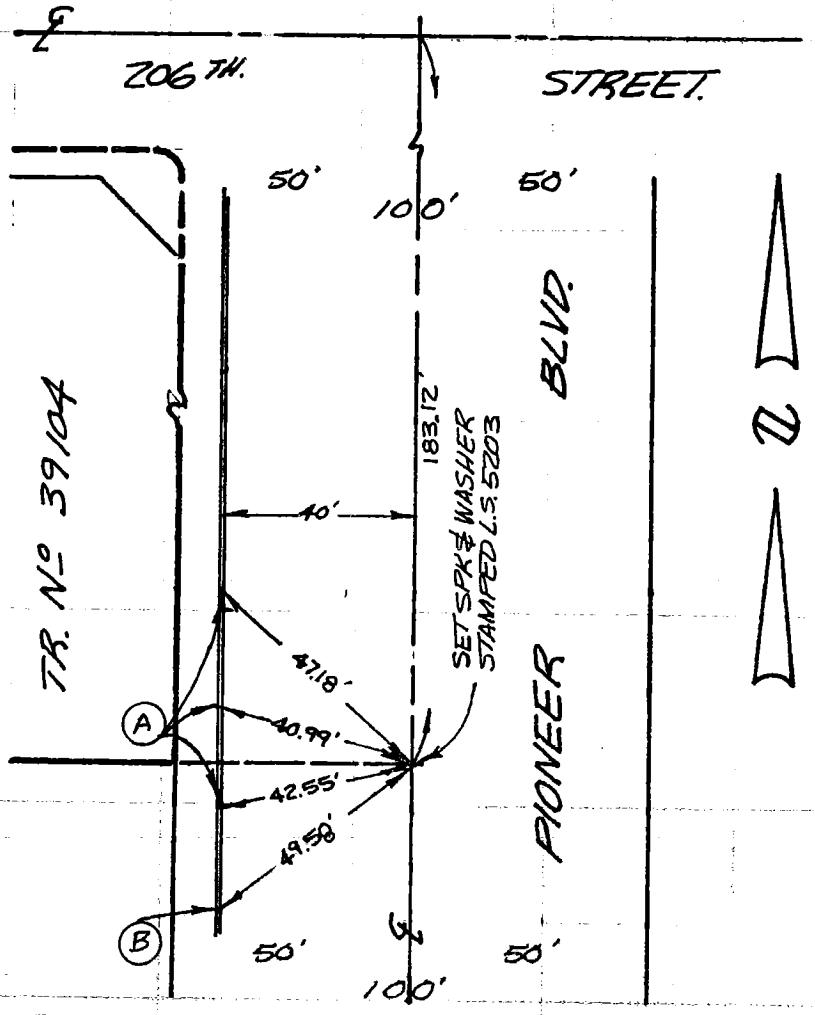
SURVEY BY R.V. FEARSALL INC. TRACT NO. 39104

DATE APR. 25, 1984

NO SCALE L.S. 5203

(A) DENOTES A SET LEAD & TACK SET IN THE TOP OF A P.C.C. CURB.

(B) DENOTES A FD. LEAD & L.S. 3785 TAG SET IN THE TOP OF A P.C.C. CURB.



W.S. 31, C-1

SURVEYORS SERVICE COMPA ›STA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

CO ENG FB 3671-48

Notes Ck'd by	Survey of TRACT No. 41770 F.B. PG.
Map No.	JN Tape Std °F
Office Work	Surveyed by VANTAGE ENGRG. CO.
Checked	Notes D. VOORHEES Date JAN. 3, 1984
Date	Indexed

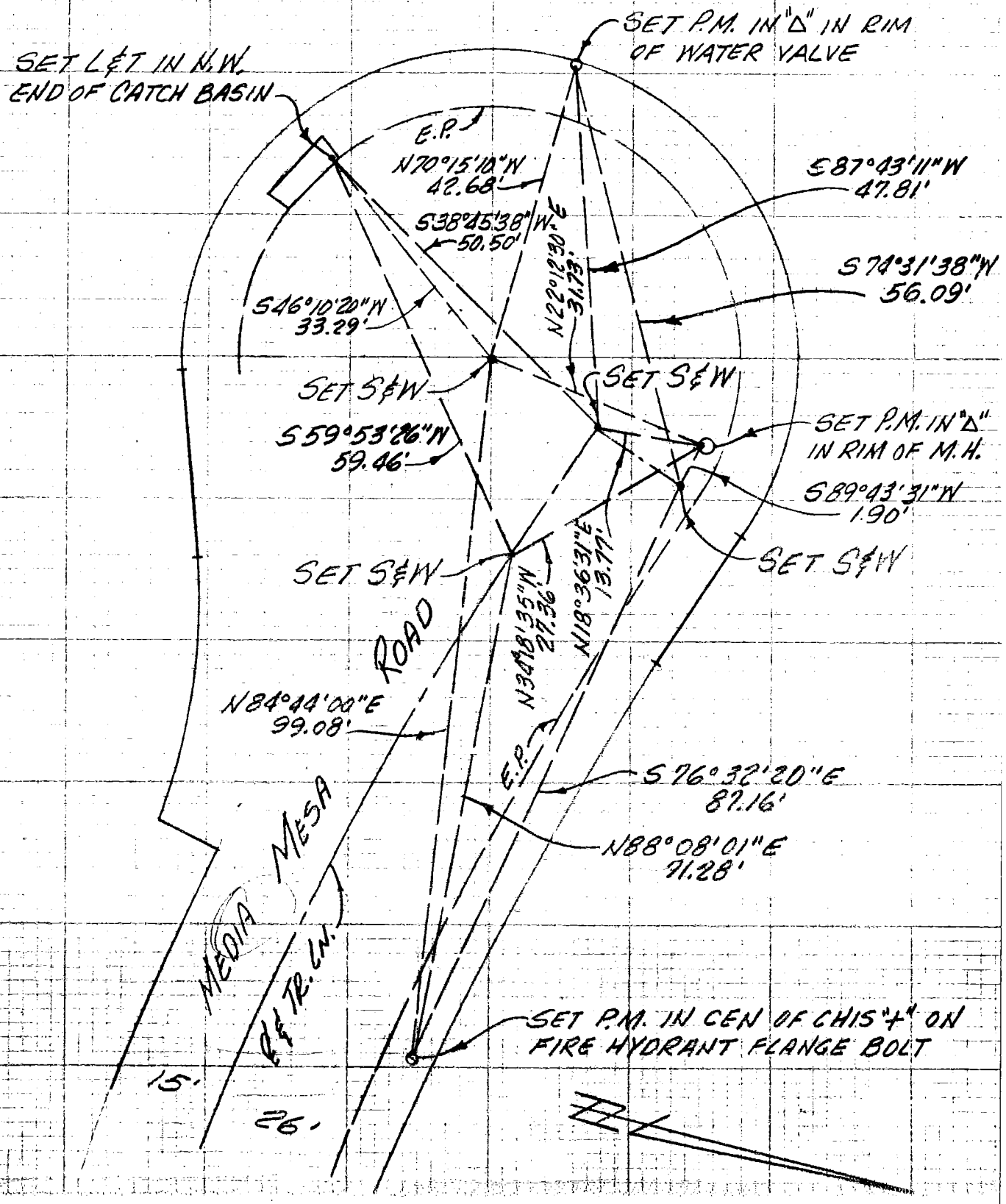
W.S. 159-057, A-3

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

Do not extend note across this line

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

CENTERLINE NOTES
E 310
6F 2095-4/73



CO ENG FB 3671-49

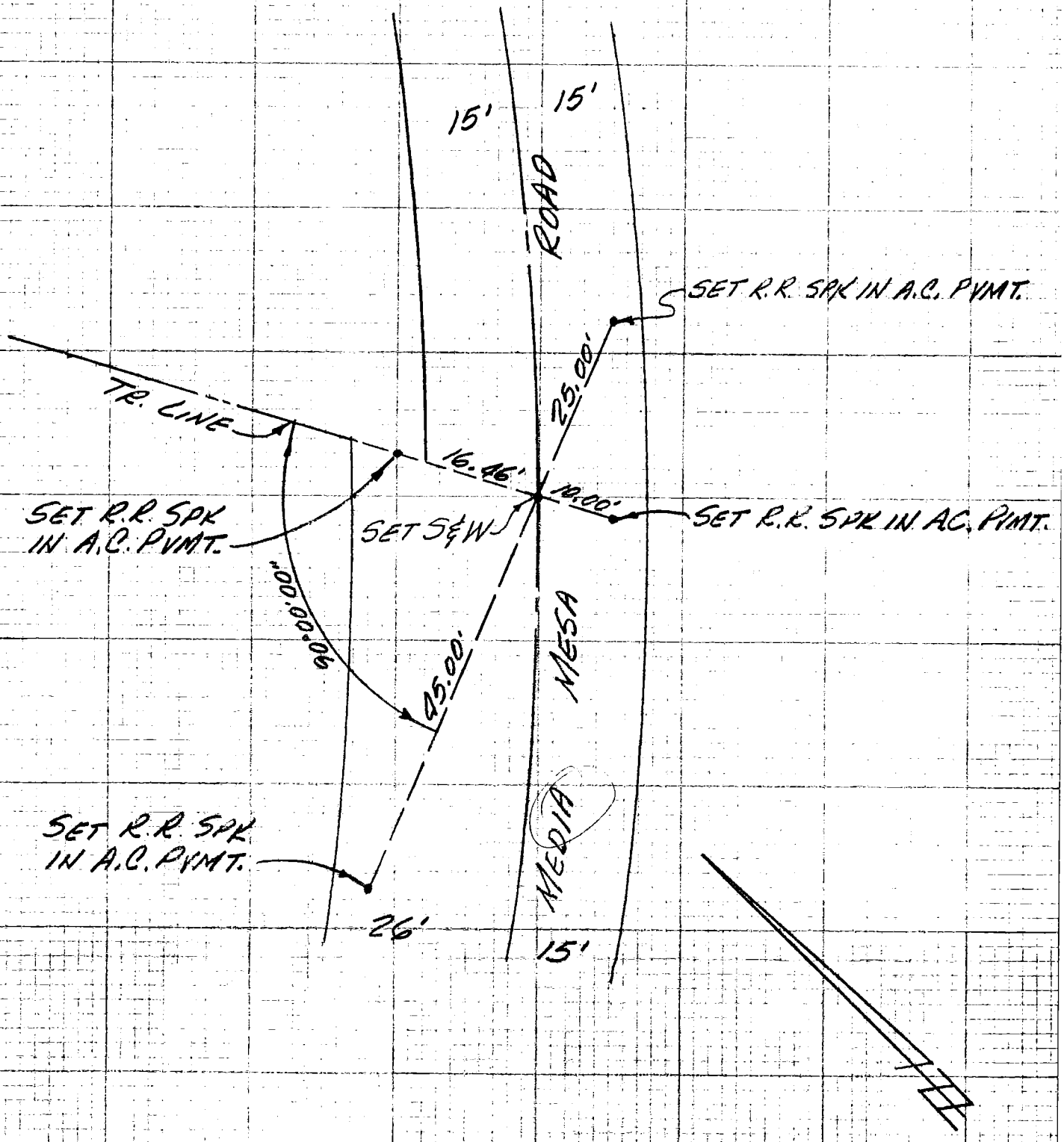
Notes Ck'd by	Survey of TR 41770
Map No.	JN ____ Tape ____ Std ____ °F
Office Work	Surveyed by VANTAGE ENGRG. CO.
Checked	Notes D. VOORHEES Date JAN. 3, 1984
Date	Indexed

F.B. ____ PG. ____

W.S. 159-057, A-3

NOTE: ANY ADDITIONS 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
463 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
6F3095-4/73

CO ENG FB 3671-50

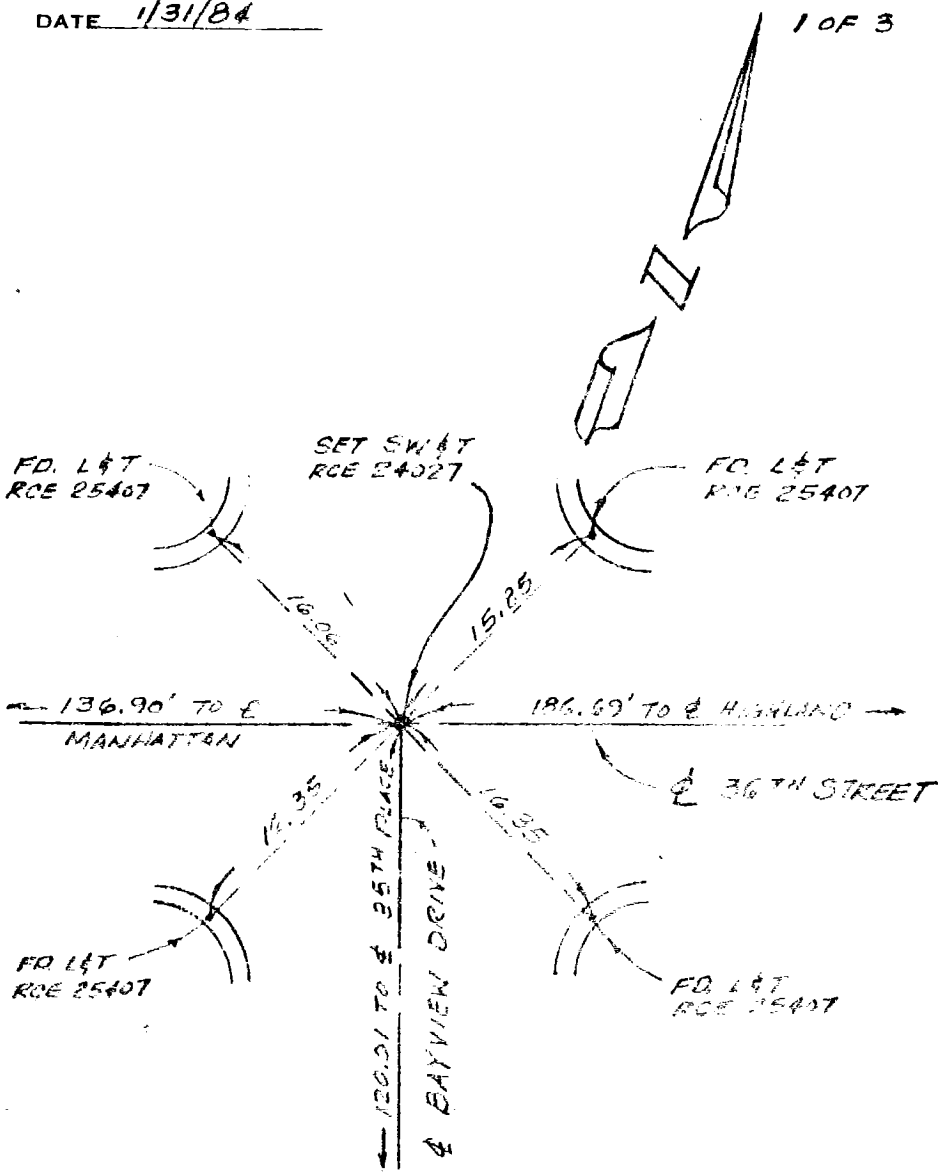
W.S. 25,4-2

SURVEY OF ℄ OF BAYVIEW DRIVE F & NO. ____ PAGE ____

SURVEY BY WESTCO ENGR. & SUR. P.M. ~~TRACT~~ NO. 14577

DATE 1/31/84

1 OF 3



DO NOT EXTEND NOTES THIS SIDE OF LINE

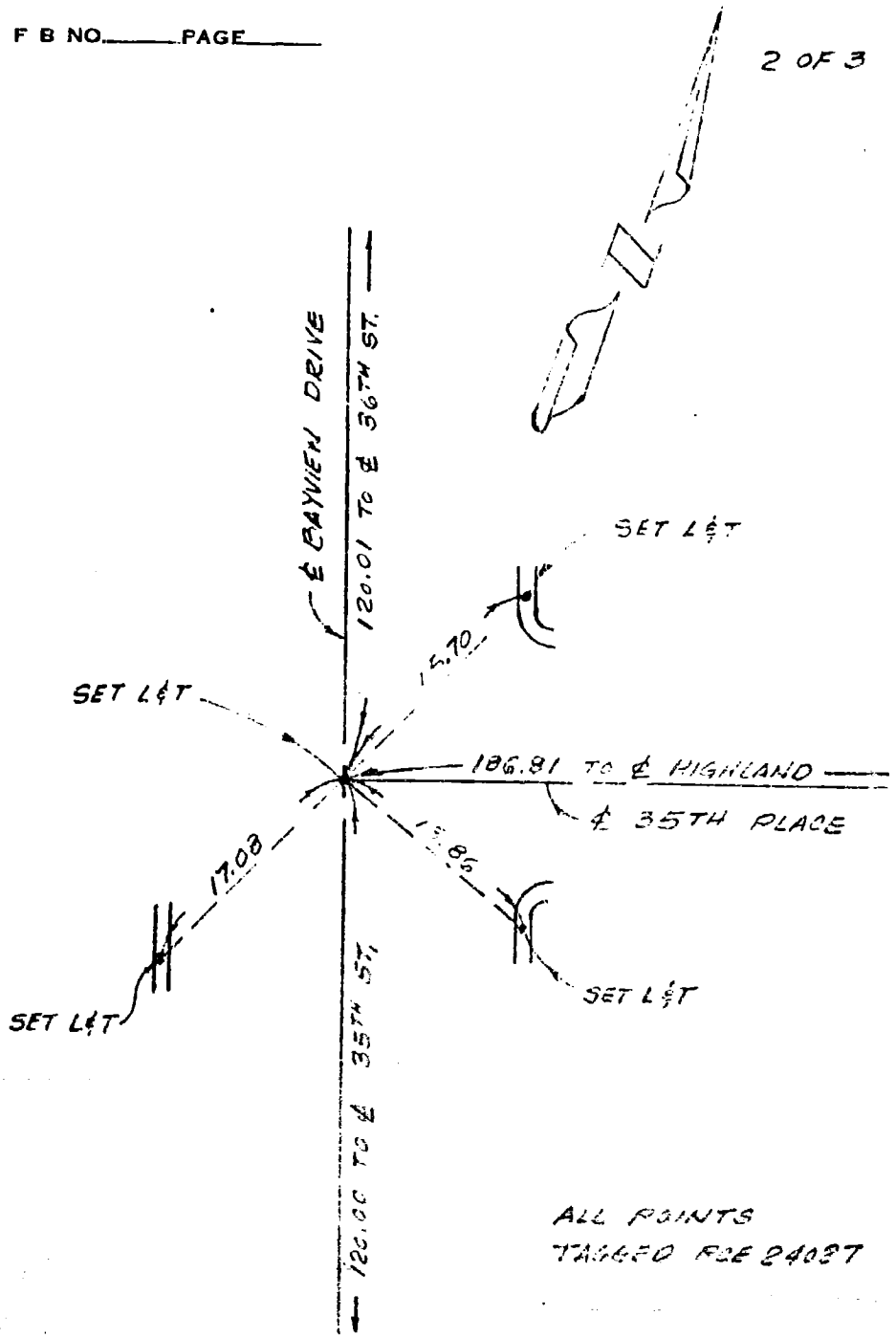
SURVEYORS SERVICE COMPANY STA MESA - STOCK NO. 411

CO ENG FB 3671-51

W.S. 2554-2

F B NO._____ PAGE_____

2 OF 3



ALL POINTS TAGGED FCE 24037

DO NOT EXTEND NOTES THIS SIDE OF LINE

SURVEYORS SERVICE COMP. COSTA MESA - STOCK NO. 411

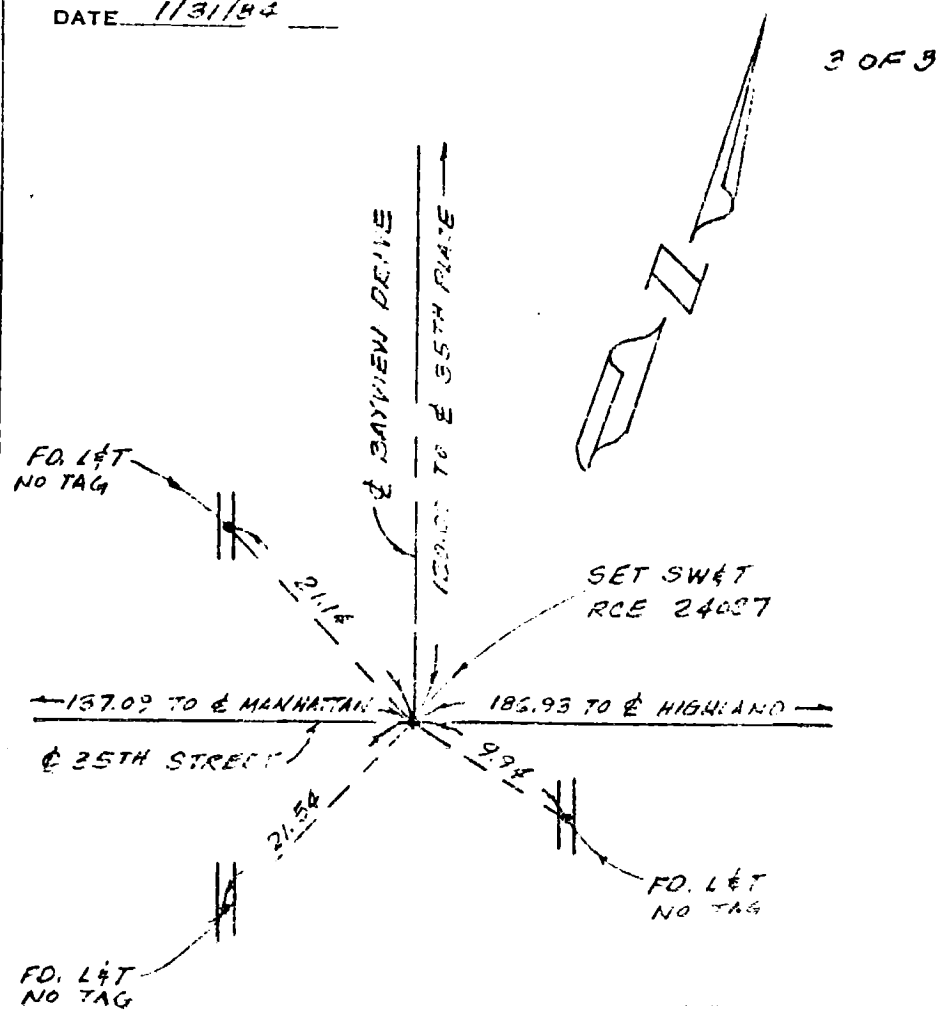
W.S. 25, A-2

SURVEY OF ℄ OF BAYVIEW DRIVE F B NO. ____ PAGE ____

SURVEY BY WESTCO ENGR & SUR ~~TRACT~~ P.M. NO. 14577

DATE 1/31/84

3 OF 3



SURVEYORS SERVICE COMPANY STA MESA - STOCK NO. 411

DO NOT EXTEND NOTES THIS SIDE OF LINE

CO ENG FB 3671-53

R. Clark Wilson
Licensed Land Surveyor

Control Surveys **Boundry Surveys**

FB: 1007 PG: 80

PRECISE LEVEL SURVEY

IN PORTIONS OF THE CITY OF LOS ANGELES

AND THE

CITY OF SAN FERNANDO

FOR

CHEVRON U.S.A. INC

APRIL

1984

COPY

3309 Honolulu Avenue, La Crescenta, California 91214 (213) 249-4406

R. Clark Wilson
Licensed Land Surveyor

Control Surveys **Boundry Surveys**

FB: 1007 PG: 81

NOTES

DATUM BASE: ALL ELEVATIONS SHOWN HEREIN WERE ADJUSTED TO LABE MARK NUMBER 03-06770, 1975
ADJUSTED ELEVATION 323.314 METERS

ALL BENCH MARKS UTILIZED IS THIS SURVEY WERE AS DESCRIBED IN CITY OF LOS ANGELES PRECISE LEVEL INDEX BOOKS 3, 4, & 8 AND DESCRIBED HEREIN

THREE ADDITIONAL MARKS WERE ESTABLISHED ON DEVONSHIRE ST BETWEEN WOODMAN AVENUE AND ARLETA C-12, C-13, AND C-14 AND ARE DESCRIBED IN LOOP 'F'

1982 ADJUSTED ELEVATIONS WERE HELD IN LOOP 'A' AT THE JUNCTIONS OF LOOP 'C', LOOP 'B' AND LOOP 'G'

ALL LEVEL LOOPS CLOSED WITHIN FIRST ORDER CLASS I ALLOWABLE LIMITS

MARK 03-02731 WAS FOUND DESTROYED, AND A NEW MARK 03-02731A WAS ESTABLISHED. MARKS 03-02694 AND 03-02670 WERE NOT RECOVERED AND 'A' MARKS WERE ESTABLISHED

ALL MARKS LEVELED IN NOVEMBER-DECEMBER OF 1982 WERE RECOVERED AND RELEVELED WITH THE EXCEPTIONS OF THE ABOVE THREE MARKS AND THE ADDITIONAL THREE NEW MARKS

REFERENCE IS MADE HEREON TO RECORD OF SURVEY 92-53,54 FILED WITH THE LOS ANGELES COUNTY ENGINEER IN JANUARY OF 1983 FOR THE ESTABLISHMENT OF THESE PRECISE LEVEL LOOPS

AN ADDTIONAL LOOP 'H' WAS ESTABLISHED IN THIS SURVEY BY THE RUNNING OF LEVELS ON DEVONSHIRE ST BETWEEN ARLETA AND WOODMAN AVENUE

COPIES OF FIELD NOTES HAVE BEEN FILED WITH THE CITY OF LOS ANGELES, BUREAU OF ENGINEERING, SURVEY DIVISION AND THE COUNTY ENGINEER SURVEY AND LAND DEVELOPMENT DIVISION

ALL FIELD WORK CONFORMS TO NGS PRECISE SECOND ORDER LEVELING STANDARDS OF ACCURACY, OR BETTER

COPY

R. Clark Wilson

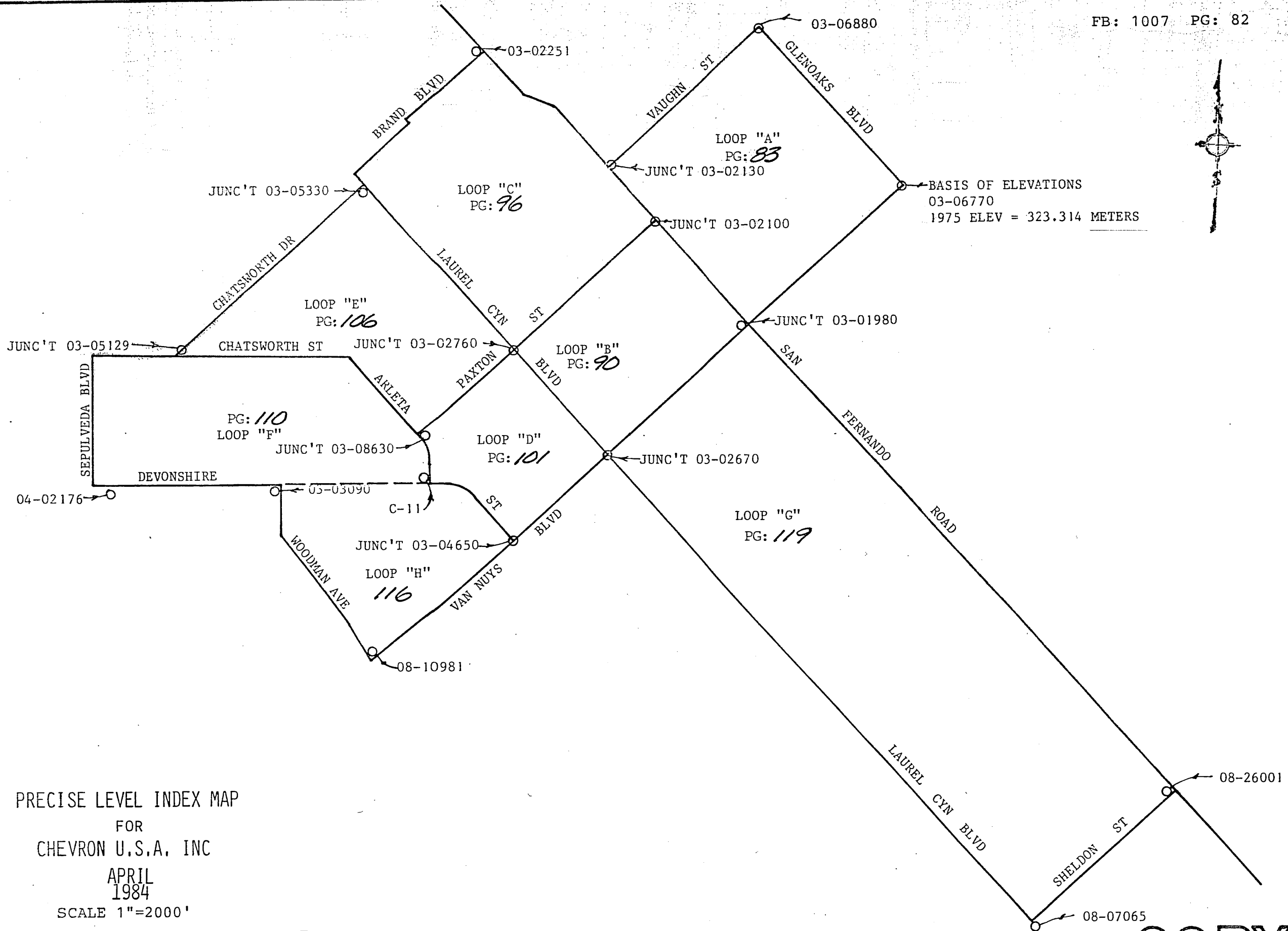
R. CLARK WILSON, LS 3223

REGISTERED LAND SURVEYOR
R. CLARK WILSON
No. 3223
STATE OF CALIFORNIA

3309 Honolulu Avenue, La Crescenta, California 91214 (213) 249-4406

CO.ENG.F.B.3671-55

FB: 1007 PG: 82



PRECISE LEVEL INDEX MAP

FOR

CHEVRON U.S.A. INC

APRIL
1984

SCALE 1"=2000'

R. CLARK WILSON INC 3309 HONOLULU AVE

LA CRESCENTA, CA 91214
LS 3223

COPY

CO ENG FB 3671-56
FB: 1007 PG: 83

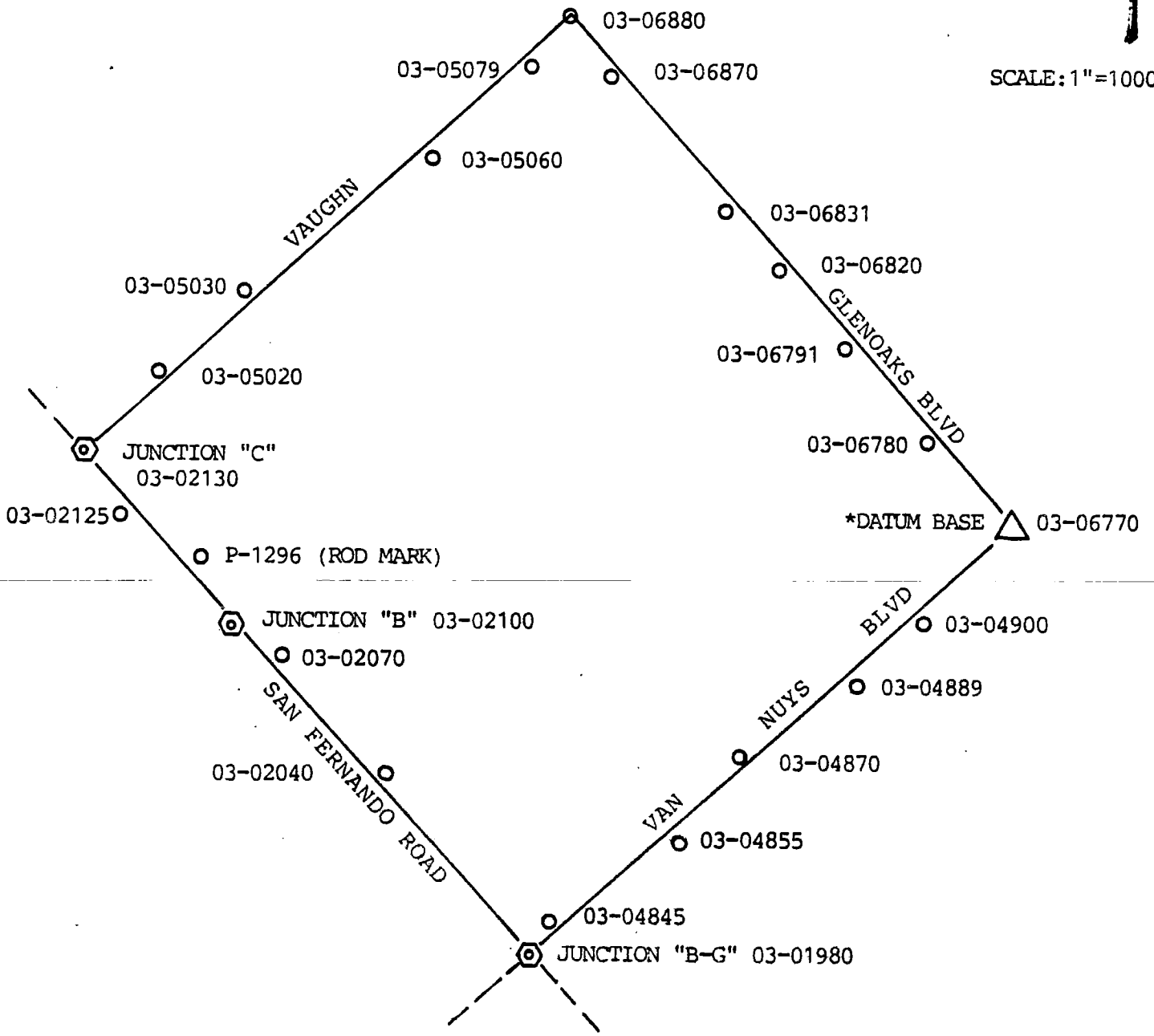
R CLARK WILSON, INC
LS 3223

BOUNDARY

CONTROL

PRECISE LEVELS
LOOP "A"

SCALE: 1"=1000'



*1975 ADJUSTED ELEVATION
323.314 METERS

FOR: CHEVRON USA INC
APRIL
1984

COPY

PRECISE LEVEL LOOP 'A': FROM THE INTER OF GLENOAKS BLVD AND VAN NUYS BLVD: WEST ON GLENOAKS TO VAUGHN: SW ON VAUGHN TO S.F.RD: SE ON S.F.RD. TO VAN NUYS BLVD: NE ON VAN NUYS BLVD TO GLENOAKS:

		1982 ADJ MTRS‡ 1982 ADJ FEET‡‡	1984 ADJ MTRS‡ 1984 ADJ FEET‡‡
03-06770	‡DATUM BASE‡ STD SUR MON AT C/L INTER OF VAN NUYS BLVD AND GLENOAKS BLVD	323.314‡ 1060.739‡‡	323.314‡ 1060.739‡‡
03-06780	WIRE SPK IN SW CURB GLENOAKS BLVD 5 FT NW OF SE P/L AT RESIDENCE #11269 710 FT+- SE C/L FILLMORE ST.	325.159‡ 1066.792‡‡	325.159‡ 1066.793‡‡
03-06791	WIRE SPK IN SW CURB GLENOAKS BLVD 1.5 FT NW OF BCR AT SW COR OF FILLMORE ST.	327.738‡ 1075.253‡‡	327.737‡ 1075.251‡‡
03-06820	WIRE SPK IN SW CURB GLENOAKS BLVD (NE RDWY) ON C/L PROD OF MONTFORD ST. TO THE NE	329.617‡ 1081.419‡‡	329.617‡ 1081.418‡‡
03-06831	WIRE SPK IN SW CURB GLENOAKS BLVD 1.3 FT NW OF BCR AT SW COR DAVENTRY ST.	331.082‡ 1086.225‡‡	331.081‡ 1086.220‡‡
03-06970	WIRE SPK IN SW CURB GLENOAKS BLVD 38 FT SE OF C/L PROD OF DESMOND STREET	334.338‡ 1096.907‡‡	334.336‡ 1096.902‡‡
03-06880	STD SUR MON ON C/L GLENOAKS BLVD 10 FT SE OF C/L OF VAUGHN ST.	335.174‡ 1099.650‡‡	335.172‡ 1099.645‡‡
03-05079	WIRE SPK IN SE CURB OF VAUGHN ST. 1 FT SW OF BCR AT SE COR DE GARMO AVE.	332.907‡ 1092.213‡‡	332.906‡ 1092.208‡‡
03-05060	WIRE SPK IN NE CURB HERRICK AVE. 2 FT SE OF BCR AT NE COR VAUGHN ST.	329.917‡ 1082.404‡‡	329.916‡ 1082.399‡‡
03-05030	WIRE SPK IN SW CURB BRADLEY AVE 3 FT NW OF BCR AT SW COR OF VAUGHN ST.	324.058‡ 1063.179‡‡	324.057‡ 1063.177‡‡
03-05020	WIRE SPK IN NW CURB VAUGHN ST. AT PP#261008M OPPOSITE BUILDING #13626 AND 0.13 MILE NE S.F.RD.	321.860‡ 1055.969‡‡	321.859‡ 1055.967‡‡
03-02130	‡JUNCTION LOOP 'C'‡ TRAV MON STAMPED 'S-L-21 1941' ON C/L PROD VAUGHN ST TO NE & 8.5 FT NE NE CB S.F.RD.	317.494‡ 1041.644‡‡	317.494‡ 1041.645‡‡
03-02125	WIRE SPK IN SW CURB S.F.RD. 3 FT NW OF BCR AT SW COR DESMOND ST.	317.158‡ 1040.541‡‡	317.157‡ 1040.538‡‡

COPY

		1982 ADJ MTRS‡ 1982 ADJ FEET‡‡	1984 ADJ MTRS‡ 1984 ADJ FEET‡‡
P-1296	‡ROD MARK‡ NGS DISC STAMPED 'P 1296 1977' 0.05 MILE NW OF 118 FWY 20 FT NE NE CB S.F.RD. BETWEEN 2 TELE POLES 8.4 FT APART IN 6"PVC WITH SCREW CAP	315.436‡ 1034.894‡‡	315.435‡ 1034.891‡‡
03-02100	‡JUNCTION LOOP 'B'‡ TRAV MON STAMPED 'S-L-22 RESET' ON C/L PAXTON ST 40 FT NE OF C/L S.F.RD.	315.265‡ 1034.333‡‡	315.265‡ 1034.332‡‡
03-02070	WIRE SPK IN NE CURB S.F.RD. 27.5 FT NW OF C/L PROD OF WEDNER ST.	313.406‡ 1028.232‡‡	313.405‡ 1028.228‡‡
03-02040	STD SUR MON ON C/L PROD OF FILMORE ST 6 FT NE OF NE CURB LN OF S.F.RD.	311.625‡ 1022.389‡‡	311.623‡ 1022.384‡‡
03-01980	‡JUNCTION LOOPS 'B'&'G'‡ WIRE SPK IN NW CURB VAN NUYS BLVD 10 FT SW OF BCR AT SW COR S.F.RD.	308.566‡ 1012.354‡‡	308.566‡ 1012.354‡‡
03-04845	WIRE SPK IN NW CURB VAN NUYS BLVD 2 FT SW OF BCR AT SW COR SUTTER AVE.	309.738‡ 1016.200‡‡	309.739‡ 1016.201‡‡
03-04855	WIRE SPK IN SE CURB VAN NUYS BLVD 2.3 FT NE OF BCR AT NE COR PAULA AVE.	312.865‡ 1026.459‡‡	312.866‡ 1026.460‡‡
03-04870	WIRE SPK IN NW CURB VAN NUYS BLVD 3 FT SW OF BCR AT SW COR LEHIGH AVE.	315.505‡ 1035.118‡‡	315.504‡ 1035.117‡‡
03-04889	WIRE SPK IN SE CURB VAN NUYS BLVD 1 FT SW OF BCR AT SE COR HERRICK AVE.	318.753‡ 1045.775‡‡	318.753‡ 1045.774‡‡
03-04900	WIRE SPK IN NE CURB DE FOE AVE. 5 FT SE OF BCR AT NE COR VAN NUYS BLVD.	319.907‡ 1049.561‡‡	319.907‡ 1049.561‡‡
03-06770	‡DATUM BASE‡	323.314‡ 1060.739‡‡	323.314‡ 1060.739‡‡

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FB: 1007 PG: 86

R. CLARK WILSON INC.

SECTION ABSTRACT

LOOP A
JUNCTION 03-06770 HELD
ELEVATION 323.314 MTRS

E1
T1

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	08:26:39	03-06770	03-06780	FWD/2/0	LWJ/RCW

SECTION K'MTRS	00.231	TEMP & EX CORR MTRS	1.84501
TOTAL KILOMETERS	00.231	FIELD ELEVATION	325.15901

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	08:48:26	03-06780	03-06791	FWD/2/0	LWJ/RCW

SECTION K'MTRS	00.230	TEMP & EX CORR MTRS	2.57824
TOTAL KILOMETERS	00.460	FIELD ELEVATION	327.73725

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	09:09:16	03-06791	03-06820	FWD/2/0	LWJ/RCW

SECTION K'MTRS	00.248	TEMP & EX CORR MTRS	2.32285
TOTAL KILOMETERS	00.708	FIELD ELEVATION	330.06010

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	09:27:27	03-06820	03-06831	FWD/2/0	LWJ/RCW

SECTION K'MTRS	00.095	TEMP & EX CORR MTRS	1.02153
TOTAL KILOMETERS	00.803	FIELD ELEVATION	331.08163

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	09:35:28	03-06831	03-06970	FWD/2/0	LWJ/RCW

SECTION K'MTRS	00.404	TEMP & EX CORR MTRS	3.25583
TOTAL KILOMETERS	01.207	FIELD ELEVATION	334.33746

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	10:02:02	03-06970	03-06880	FWD/2/0	LWJ/RCW

SECTION K'MTRS	00.123	TEMP & EX CORR MTRS	.83598
TOTAL KILOMETERS	01.330	FIELD ELEVATION	335.17345

*****

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R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	10:14:39	03-06880	03-05079	FWD/2/0	LWJ/RCW
SECTION K'MTRS	00.216	TEMP & EX CORR MTRS	-2.26690		
TOTAL KILOMETERS	01.546	FIELD ELEVATION	332.90654		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	10:32:07	03-05079	03-05060	FWD/2/0	LWJ/RCW
SECTION K'MTRS	00.187	TEMP & EX CORR MTRS	-2.98974		
TOTAL KILOMETERS	01.733	FIELD ELEVATION	329.91680		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	10:46:38	03-05060	03-05030	FWD/2/0	LWJ/RCW
SECTION K'MTRS	00.431	TEMP & EX CORR MTRS	-5.85894		
TOTAL KILOMETERS	02.164	FIELD ELEVATION	324.05786		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	11:20:15	03-05030	03-05020	FWD/2/0	LWJ/RCW
SECTION K'MTRS	00.214	TEMP & EX CORR MTRS	-2.19741		
TOTAL KILOMETERS	02.378	FIELD ELEVATION	321.86045		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	11:35:27	03-05020	03-02130	FWD/2/0	LWJ/RCW
SECTION K'MTRS	00.242	TEMP & EX CORR MTRS	-4.36673		
TOTAL KILOMETERS	02.620	FIELD ELEVATION	317.49373		

*****

T1A

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	08:14:48	03-02130	03-02125	FWD/2/1	LWJ/RCW
SECTION K'MTRS	00.088	TEMP & EX CORR MTRS	-.33614		
TOTAL KILOMETERS	02.708	FIELD ELEVATION	317.15758		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	08:22:28	03-02125	P-1296 ROD	FWD/2/1	LWJ/RCW
SECTION K'MTRS	00.230	TEMP & EX CORR MTRS	-1.72121		
TOTAL KILOMETERS	02.937	FIELD ELEVATION	315.43637		

*****

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R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	08:39:30	P 1296 ROD	03-02100	FWD/2/1	LWJ/RCW

SECTION K'MTRS	00.150	TEMP & EX CORR MTRS	-.17125
TOTAL KILOMETERS	03.088	FIELD ELEVATION	315.26513

*****

T2

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	15:24:50	03-02100	03-02070	BK/2/0	RCW/LWJ

SECTION K'MTRS	00.213	TEMP & EX CORR MTRS	-1.85962
TOTAL KILOMETERS	03.301	FIELD ELEVATION	313.40551

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	15:06:11	03-02070	03-02040	BK/2/0	RCW/LWJ

SECTION K'MTRS	00.228	TEMP & EX CORR MTRS	-1.78112
TOTAL KILOMETERS	03.529	FIELD ELEVATION	311.62438

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	14:36:59	03-02040	03-01980	BK/2/0	RCW/LWJ

SECTION K'MTRS	00.459	TEMP & EX CORR MTRS	-3.05645
TOTAL KILOMETERS	03.988	FIELD ELEVATION	308.56793

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	14:30:13	03-01980	03-04845	BK/2/0	RCW/LWJ

SECTION K'MTRS	00.104	TEMP & EX CORR MTRS	1.17173
TOTAL KILOMETERS	04.091	FIELD ELEVATION	309.73966

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	14:11:54	03-04845	03-04855	BK/2/0	RCW/LWJ

SECTION K'MTRS	00.289	TEMP & EX CORR MTRS	3.12710
TOTAL KILOMETERS	04.380	FIELD ELEVATION	312.86676

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	13:56:41	03-04855	03-04870	BK/2/0	RCW/LWJ

SECTION K'MTRS	00.237	TEMP & EX CORR MTRS	2.63841
TOTAL KILOMETERS	04.618	FIELD ELEVATION	315.50517

*****

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R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	13:30:44	03-04870	03-04889	BK/2/0	RCW/LWI

SECTION K'MTRS	00.292	TEMP & EX CORR MTRS	3.24840
TOTAL KILOMETERS	04.910	FIELD ELEVATION	318.75357

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	13:21:47	03-04889	03-04900	BK/2/0	RCW/LWI

SECTION K'MTRS	00.120	TEMP & EX CORR MTRS	1.15428
TOTAL KILOMETERS	05.030	FIELD ELEVATION	319.90785

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/10	12:55:08	03-04900	03-06770	BK/2/0	RCW/LWI

SECTION K'MTRS	00.304	TEMP & EX CORR MTRS	3.40709
TOTAL KILOMETERS	05.334	FIELD ELEVATION	323.31495

*****

CLOSEURE ERROR +0.95mm

COPY

CO ENG FB 3671-6
FB: 1007 PG: 70

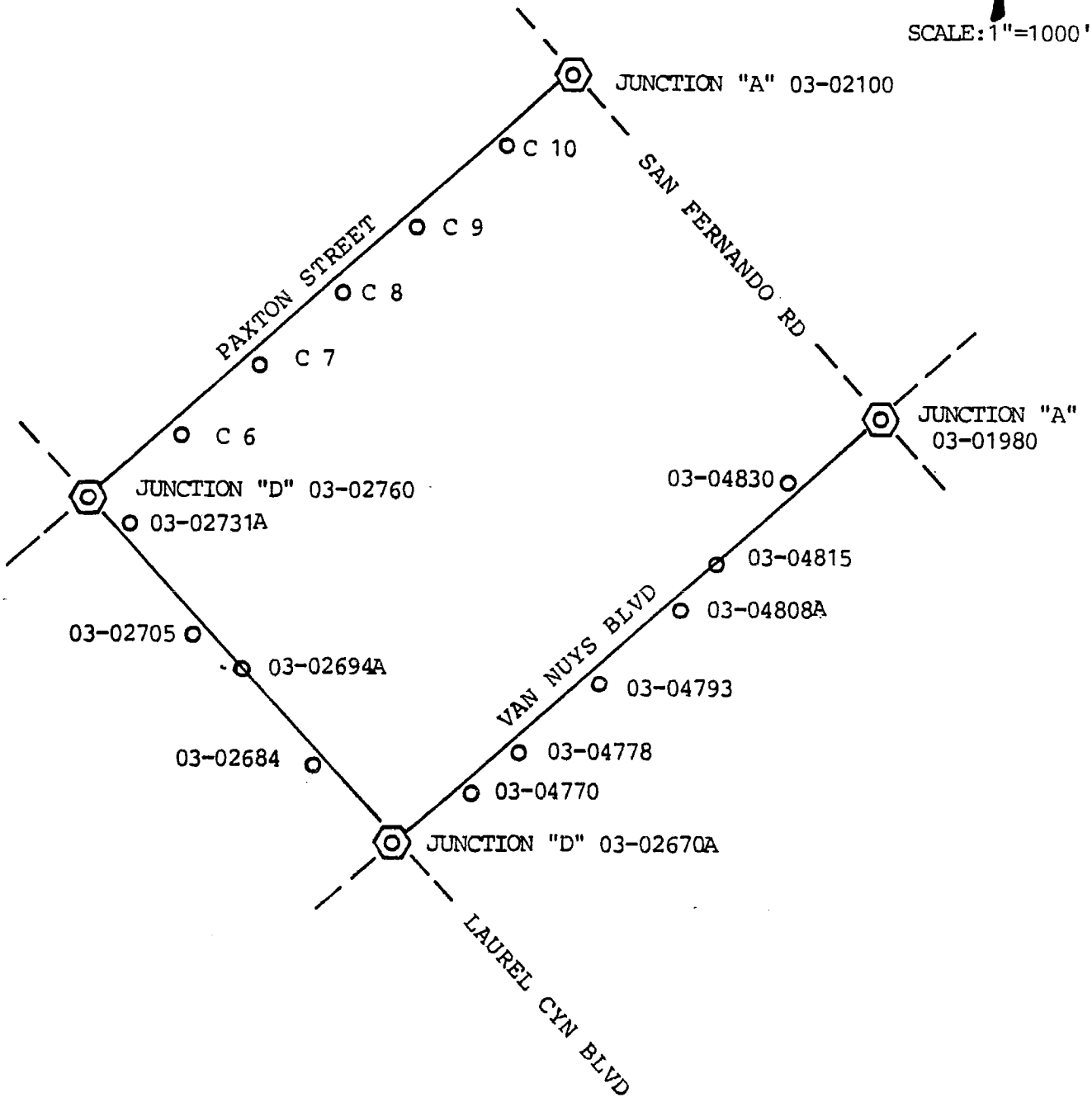
R CLARK WILSON, INC
LS 3223

PRECISE LEVELS
LOOP "B"

BOUNDARY

CONTROL

SCALE: 1"=1000'



FOR: CHEVRON USA INC

APRIL
1984

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PRECISE LEVEL LOOP 'B' FROM S.F.RD. AT PAXTON ST: S'WLY ON PAXTON TO LAUREL CYN BLVD: S'ELY ON LAUREL CYN BLVD TO VAN NUYS BLVD: N'ELY ON VAN NUYS BLVD. TO S.F.RD.

		1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**
03-02100	*JUNCTION LOOP 'A'*	315.265* 1034.333**	315.265* 1034.332**
C-10	S&W SET IN LEAD STAMPED 'LS 3223 BM C10' IN SE CURB PAXTON ST. 13.5 FT NE BCR AT NE COR EL DORADO AVE.	312.056* 1023.805**	312.056* 1023.805**
C-9	WIRE SPK IN LEAD SE CURB PAXTON ST. 2 FT SW OF THE BCR AT THE SE COR OF TELFAIR AVE.	307.921* 1010.236**	307.921* 1010.239**
C-8	WIRE SPK IN LEAD IN SW CURB KEWEN AVE. 3 FT SE OF THE BCR AT THE SE COR OF PAXTON ST.	305.401* 1001.969**	305.401* 1001.970**
C-7	WIRE SPK IN LEAD SE CURB PAXTON ST. 3 FT SW OF THE BCR AT THE SE COR OF HADDON AVE.	302.610* 992.812**	302.611* 992.816**
C-6	WIRE SPK IN LEAD SE CURB PAXTON ST. 2 FT NE OF THE BCR AT THE NE COR AMBOY AVE.	300.560* 986.088**	300.563* 986.097**
03-02760	*JUNCTION LOOP 'D'* TRAV MON STAMPED '6-K-21 1941' AT C/L INTER LAUREL CYN BLVD & PAXTON ST.	297.458* 975.911**	297.460* 975.917**
03-02731A	NW COR DAVENTRY & LAUREL CYN BLVD IN NW CURB LAUREL CYN-SET PK IN LEAD 11.6 FT NW BCR, NW COR OF C.B. 03-02731 DESTROYED	0.000* 0.000**	297.038* 974.532**
03-02705	WIRE SPK IN S CURB LOUVRE ST. 2 FT W OF E END 64 FT+- W OF C/L LAUREL CYN BLVD.	295.893* 970.776**	295.895* 970.782**
03-02694A	SE COR SIGNAL LIGHT BASE AT SW COR FILMORE AND ST & LAUREL CYN BLVD LACFCD TAG SET IN LEAD 03-02694 NOT RECOVERED	0.000* 0.000**	295.189* 968.466**
03-02684	WIRE SPK IN W CURB LAUREL CYN BLVD. AT PP#66478M 2.6 FT S OF BCR AT SW COR MERCER ST.	293.788* 963.869**	293.791* 963.879**
03-02670A	*JUNCTION LOOP "D"* SW COR LAUREL CYN BLVD & VAN NUYS BLVD-SW CURB VAN NUYS BLVD-S&L 3 FT SW OF BCR 03-02670 C/L MON NOT RECOVERED	0.000* 0.000**	292.824* 960.707**
03-04770	WIRE SPK IN SE CURB VAN NUYS BLVD. 2 FT SW OF BCR AT THE SE COR AMBOY AVE.	295.485* 969.437**	295.488* 969.447**

COPY

		1982 ADJ MTRS‡ 1982 ADJ FEET‡‡	1984 ADJ MTRS‡ 1984 ADJ FEET‡‡
03-04778	WIRE SPK IN SW CURB O'MELVENY AVE. 1.8 FT SE OF BCR AT SE COR VAN NUYS BLVD.	296.667‡ 973.314‡‡	296.670‡ 973.325‡‡
03-04793	WIRE SPK IN SW CURB ONEDIA AVE. 1.3 FT SE OF BCR AT THE SE COR OF VAN NUYS BLVD.	299.513‡ 982.651‡‡	299.515‡ 982.659‡‡
03-04808A	RESET (82) PK NAIL IN LEAD IN SE CURB CAYUGA AVE. 1.6 FT SE OF BCR AT THE SE COR OF VAN NUYS BLVD.	302.117‡ 991.194‡‡	302.119‡ 991.202‡‡
03-04815	STD SUR MON AT THE C/L INTER OF VAN NUYS BLVD AND TELFAIR AVE.	303.094‡ 994.400‡‡	303.095‡ 994.404‡‡
03-04830	WIRE SPK IN NE CURB VAN NUYS BLVD. 11 FT SW OF BCR AT THE SW COR OF EL DORADO AVE.	305.631‡ 1002.725‡‡	305.631‡ 1002.724‡‡
03-01980	‡JUNCTION LOOP 'A'‡	308.566‡ 1012.354‡‡	308.566‡ 1012.354‡‡

COPY

FB: 1007 PG: 93

R. CLARK WILSON INC.

SECTION ABSTRACT

LOOP B
JUNCTION 03-02100 HELD
ELEVATION 315.265 MTRS

E2
T3

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	08:49:20	03-02100	C-10	FWD/2/1	LWJ/RCW

SECTION K'MTRS 00.206 TEMP & EX CORR MTRS -3.20868
TOTAL KILOMETERS 00.206 FIELD ELEVATION 312.05632
*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	09:06:34	C-10	C-9	FWD/2/1	LWJ/RCW

SECTION K'MTRS 00.245 TEMP & EX CORR MTRS -4.13491
TOTAL KILOMETERS 00.450 FIELD ELEVATION 307.92140
*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	09:20:52	C-9	C-8	FWD/2/1	LWJ/RCW

SECTION K'MTRS 00.209 TEMP & EX CORR MTRS -2.51950
TOTAL KILOMETERS 00.659 FIELD ELEVATION 305.40191
*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	09:36:19	C-8	C-7	FWD/2/1	LWJ/RCW

SECTION K'MTRS 00.218 TEMP & EX CORR MTRS -2.79024
TOTAL KILOMETERS 00.877 FIELD ELEVATION 302.61166
*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	09:52:17	C-7	C-6	FWD/2/1	LWJ/RCW

SECTION K'MTRS 00.174 TEMP & EX CORR MTRS -2.04846
TOTAL KILOMETERS 01.051 FIELD ELEVATION 300.56320
*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	10:03:06	C-6	03-02760	FWD/2/1	LWJ/RCW

SECTION K'MTRS 00.268 TEMP & EX CORR MTRS -3.10194
TOTAL KILOMETERS 01.319 FIELD ELEVATION 297.46127
*****

COPY

67

FB: 1007 PG: 94

R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	10:21:04	03-02760	03-02731A TBM	FWD/2/1	LWJ/RCW

SECTION K'MTRS 00.164 TEMP & EX CORR MTRS -.67139
TOTAL KILOMETERS 01.483 FIELD ELEVATION 296.78988

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	10:49:12	03-02731A TBM	03-02705	FWD/2/1	LWJ/RCW

SECTION K'MTRS 00.244 TEMP & EX CORR MTRS -.89308
TOTAL KILOMETERS 01.727 FIELD ELEVATION 295.89680

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	12:23:29	03-02705	03-02694A	FWD/2/1	RCW/LWJ

SECTION K'MTRS 00.099 TEMP & EX CORR MTRS -.70629
TOTAL KILOMETERS 01.826 FIELD ELEVATION 295.19051

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	12:40:34	03-02694A	03-02684	FWD/2/1	RCW

SECTION K'MTRS 00.240 TEMP & EX CORR MTRS -1.39798
TOTAL KILOMETERS 02.066 FIELD ELEVATION 293.79253

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	12:55:34	03-02684	03-02670A	FWD/2/1	RCW/LWJ

SECTION K'MTRS 00.222 TEMP & EX CORR MTRS -.96603
TOTAL KILOMETERS 02.287 FIELD ELEVATION 292.82649

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	13:18:31	03-02670A	03-04770	FWD/2/1	RCW/LWJ

SECTION K'MTRS 00.208 TEMP & EX CORR MTRS 2.66441
TOTAL KILOMETERS 02.496 FIELD ELEVATION 295.49090

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	13:32:44	03-04770	03-04778	FWD/2/1	RCW/LWJ

SECTION K'MTRS 00.110 TEMP & EX CORR MTRS 1.18153
TOTAL KILOMETERS 02.606 FIELD ELEVATION 296.67243

*****

COPY

FB: 1007 PG: 95

R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	13:41:27	03-04778	03-04793	FWD/2/0	RCW/LWJ
SECTION K'MTRS	00.207	TEMP & EX CORR MTRS	2.84571		
TOTAL KILOMETERS	02.813	FIELD ELEVATION	299.51814		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	13:56:25	03-04793	03-04808A	FWD/2/1	RCW/LWJ
SECTION K'MTRS	00.207	TEMP & EX CORR MTRS	2.60416		
TOTAL KILOMETERS	03.020	FIELD ELEVATION	302.12230		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	14:09:51	03-04808A	03-04815	FWD/2/0	RCW/LWJ
SECTION K'MTRS	00.111	TEMP & EX CORR MTRS	.97619		
TOTAL KILOMETERS	03.131	FIELD ELEVATION	303.09849		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	14:19:45	03-04815	03-04830	FWD/2/1	RCW/LWJ
SECTION K'MTRS	00.200	TEMP & EX CORR MTRS	2.53651		
TOTAL KILOMETERS	03.330	FIELD ELEVATION	305.63500		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/11	14:37:11	03-04830	03-01980	FWD/2/1	RCW/LWJ
SECTION K'MTRS	00.210	TEMP & EX CORR MTRS	2.93500		
TOTAL KILOMETERS	03.540	FIELD ELEVATION	308.57001		

*****

CLOSEURE ERROR +4.00mm

COPY

CO ENG FB 3671-69

FB: 1007 PG: 96

R CLARK WILSON, INC

LS 3223

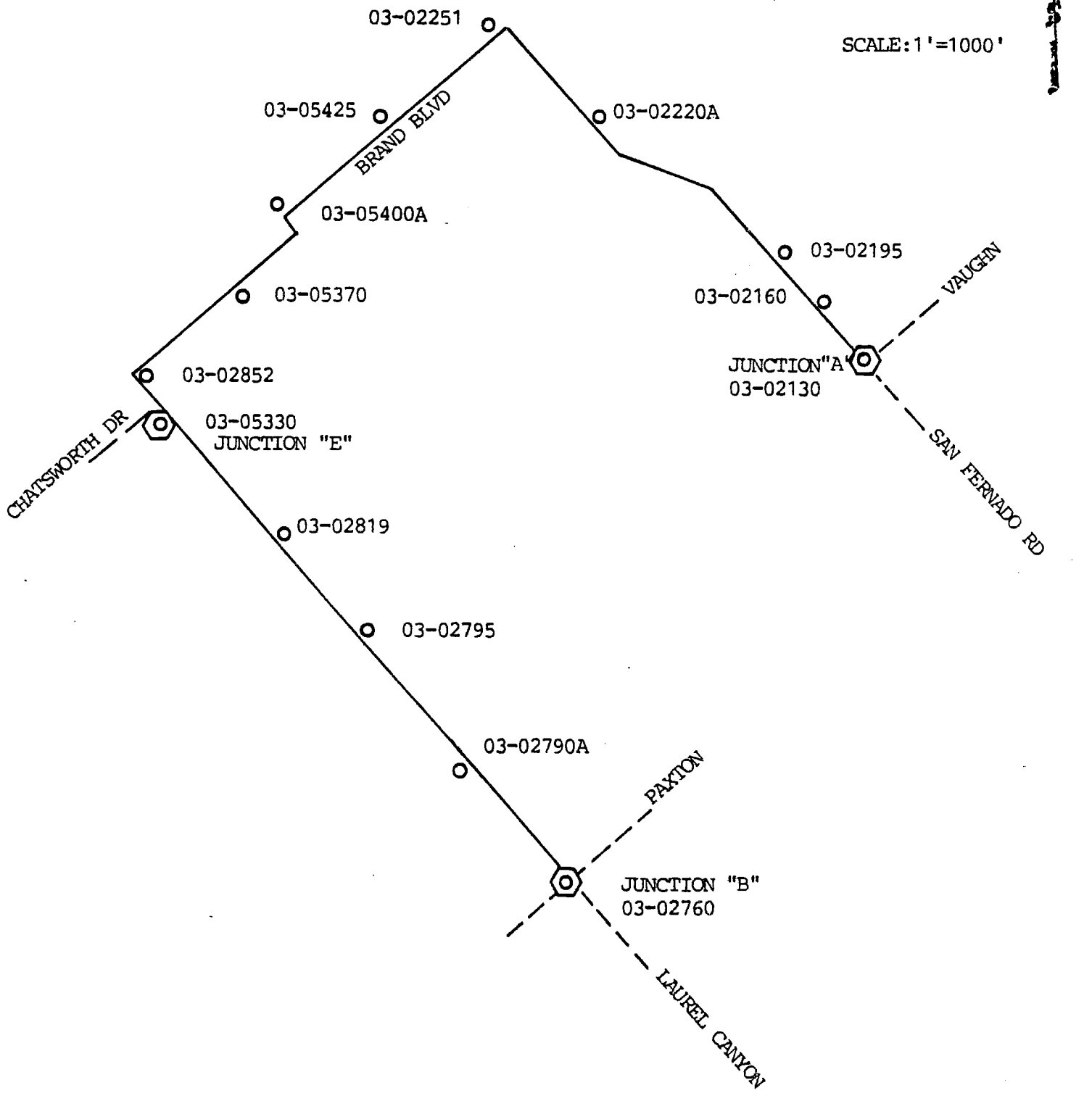
PRECISE LEVELS

LOOP "C"

BOUNDARY

CONTROL

SCALE: 1'=1000'



FOR: CHEVRON USA INC

APRIL

1984

COPY

PRECISE LEVEL LOOP 'C' FROM THE INTER OF S.F.RD. AT VAUGHN ST: N'WLY ON S.F.RD. TO BRAND BLVD: S'WLY ON BRAND BLVD TO LAUREL CYN: S'ELY ON LAUREL CYN TO PAXTON ST.

		1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**
03-02130	*JUNCTION LOOP 'A'*	317.494* 1041.644**	317.494* 1041.645**
03-02160	USC&GS DISC STAMPED 'R-43 1924' SET IN 12"x12" CONC POST UP 12" 533 FT NW OF C/L VAUGHN ST. 24 FT NE OF NE CURB OF S.F.RD.	319.518* 1048.284**	319.519* 1048.288**
03-02195	MONEL RIVET IN LEAD AT SE COR SPRR BRIDGE 62.32 66 FT NE OF NE CURB S.F.RD. & 0.2 MILE NW VAUGHN ST.	320.226* 1050.610**	320.228* 1050.614**
03-02220A	PK NAIL IN LEAD NW CURB WOLFSKILL ST 28 FT NE OF BCR AT THE NE COR OF S.F.RD.	321.836* 1055.891**	321.838* 1055.897**
03-02251	USC&GS BRASS DISC STAMPED 'S 43 1926 RESET 1966' IN THE NW CURB BRAND BLVD 15.7 FT SW OF BCR AT SW COR S.F.RD.	323.163* 1060.245**	323.164* 1060.246**
03-05425	NAIL IN LEAD SW CURB HOLLISTER ST. 10.7 FT NW BCR AT SW COR BRAND BLVD.	318.860* 1046.127**	318.861* 1046.128**
03-05400A	NAIL IN LEAD IN SW CURB MOTT ST. 20 FT NW OF BCR AT THE SW COR BRAND BLVD.	314.866* 1033.023**	314.866* 1033.023**
03-05370	CITY DISC DN 3" IN GRASS PARKWAY 2.1 FT SW OF BCR 1.7 FT NW OF EDGE OF SIDEWALK 8.2 FT SE OF SE CURB BRAND BLVD AT THE SE COR OF BRAND & O'MELVENY ST.	312.856* 1026.429**	312.856* 1026.428**
03-02852	LABE DISC STAMPED '03-02852' AT SE COR BRAND BLVD & LAUREL CYN SET IN E END OF CATCH BASIN 40 FT E BCR.	309.973* 1016.970**	309.974* 1016.973**
03-05330	*JUNCTION LOOP 'E'* WIRE SPK IN SE CURB CHATSWORTH DR. 40 FT SW OF BCR AT SW COR LAUREL CYN BLVD.	308.676* 1012.716**	308.677* 1012.718**
03-02819	WIRE SPK IN NE CURB LAUREL CYN BLVD 2.8 FT SE OF BCR AT THE NE COR FOX ST.	304.913* 1000.368**	304.915* 1000.375**
03-02795	SQ SPK IN NE CURB LAUREL CYN BLVD 5 FT NW OF BCR AT THE NW COR OF CHAMBERLAIN ST.	302.309* 991.824**	302.311* 991.832**
03-02790A	S&W STAMPED 'LS 3223' SET IN SW CURB LAUREL CYN BLVD 145 FT+- SE OF ON RAMP TO 118 FWY & 50 FT+- NW OF STREET LIGHT VAULT AT THE BACK OF THE SIDEWALK.	299.478* 982.538**	299.481* 982.547**

CODY

FB: 1007 PG: 98

		1982 ADJ MTRS‡ 1982 ADJ FEET‡‡	1984 ADJ MTRS‡ 1984 ADJ FEET‡‡
03-02760	‡JUNCTION LOOP "B"‡	297.458‡ 975.911‡‡	297.460‡ 975.917‡‡

COPY

R. CLARK WILSON INC.

SECTION ABSTRACT

LOOP C
JUNCTION 03-02130 HELD
ELEVATION 317.494 MTRS

E3
T4

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	08:25:09	03-02130	03-02160	FWD/2/0	RCW
SECTION K'MTRS	00.163	TEMP & EX CORR MTRS	2.02511		
TOTAL KILOMETERS	00.163	FIELD ELEVATION	319.51911		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	08:36:56	03-02160	03-02195	FWD/2/0	RCW
SECTION K'MTRS	00.162	TEMP & EX CORR MTRS	.70899		
TOTAL KILOMETERS	00.325	FIELD ELEVATION	320.22810		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	08:48:00	03-02195	03-02220A	FWD/2/0	RCW
SECTION K'MTRS	00.490	TEMP & EX CORR MTRS	1.60962		
TOTAL KILOMETERS	00.815	FIELD ELEVATION	321.83772		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	09:18:33	03-02220A	03-02251	FWD/2/0	RCW
SECTION K'MTRS	00.319	TEMP & EX CORR MTRS	1.32628		
TOTAL KILOMETERS	01.133	FIELD ELEVATION	323.16400		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	09:42:17	03-02251	03-05425	FWD/2/0	RCW
SECTION K'MTRS	00.311	TEMP & EX CORR MTRS	-4.30304		
TOTAL KILOMETERS	01.444	FIELD ELEVATION	318.86097		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	10:00:25	03-05425	03-05400A	FWD/2/0	RCW
SECTION K'MTRS	00.318	TEMP & EX CORR MTRS	-3.99379		
TOTAL KILOMETERS	01.763	FIELD ELEVATION	314.86717		

*****

COPY

FB: 1007 PG: 100

R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	10:19:17	03-05400A	03-05370	FWD/2/0	RCW
	SECTION K'MTRS	00.186	TEMP & EX CORR MTRS	-2.01007	
	TOTAL KILOMETERS	01.949	FIELD ELEVATION	312.85710	
			*****		
DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	10:32:08	03-05370	03-02852	FWD/2/0	RCW
	SECTION K'MTRS	00.281	TEMP & EX CORR MTRS	-2.88216	
	TOTAL KILOMETERS	02.230	FIELD ELEVATION	309.97494	
			*****		
DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	12:17:31	03-02852	03-05330	FWD/2/0	RLS/RCW
	SECTION K'MTRS	00.129	TEMP & EX CORR MTRS	-1.29619	
	TOTAL KILOMETERS	02.358	FIELD ELEVATION	308.67875	
			*****		
DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	12:29:53	03-05330	03-02819	FWD/2/0	RLS/RCW
	SECTION K'MTRS	00.366	TEMP & EX CORR MTRS	-3.76236	
	TOTAL KILOMETERS	02.725	FIELD ELEVATION	304.91639	
			*****		
DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	12:53:32	03-02819	03-02795	FWD/2/0	RLS/RCW
	SECTION K'MTRS	00.310	TEMP & EX CORR MTRS	-2.60372	
	TOTAL KILOMETERS	03.035	FIELD ELEVATION	302.31267	
			*****		
DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	13:17:46	03-02795	03-02790A	FWD/2/1	RLS/RCW
	SECTION K'MTRS	00.344	TEMP & EX CORR MTRS	-2.82956	
	TOTAL KILOMETERS	03.379	FIELD ELEVATION	299.48310	
			*****		
DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	13:48:03	03-02790A	03-02760	FWD/2/1	RLS/RCW
	SECTION K'MTRS	00.384	TEMP & EX CORR MTRS	-2.02077	
	TOTAL KILOMETERS	03.763	FIELD ELEVATION	297.46233	
			*****		

CLOSEURE ERROR +2.33mm

COPY

CO ENG FB 3671-74
FB: 1007 PG: 101

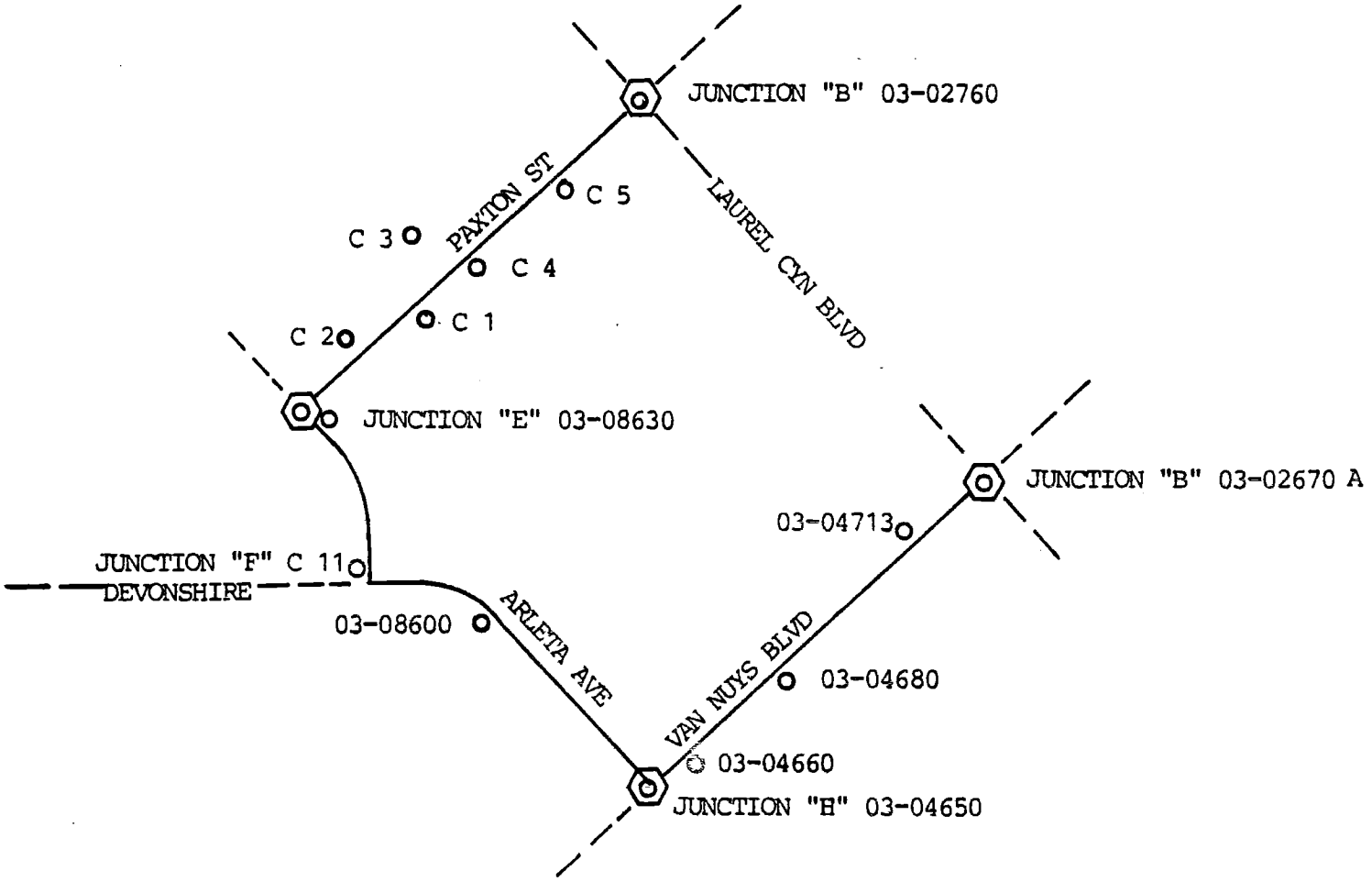
R CLARK WILSON, INC
LS 3223

BOUNDARY

CONTROL

PRECISE LEVELS
LOOP "D"

SCALE: 1" = 1000'



MARKS C2 & C3 LOCATED IN DRILL SITE

FOR: CHEVRON USA INC
APRIL
1984

COPY

‡PRECISE LEVEL LOOP 'D'‡ FROM THE INTER OF LAUREL CYN BLVD AND PAXTON ST: THENCE S'WLY ON PAXTON ST TO ARLETA AVE: THENCE S'ELY ON ARLETA TO VAN NUYS BLVD: THENCE N'ELY ON VAN NUYS BLVD TO LAUREL CYN BLVD.

		1982 ADJ MTRS‡ 1982 ADJ FEET‡‡	1984 ADJ MTRS‡ 1984 ADJ FEET‡‡
03-02760	‡JUNCTION LOOP 'B'‡	297.458‡ 975.911‡‡	297.460‡ 975.917‡‡
C-5	WIRE SPK IN LEAD SE CURB PAXTON ST. 2 FT SW OF BCR AT SE COR RENICK ST.	295.386‡ 969.112‡‡	295.389‡ 969.122‡‡
C-4	WIRE SPK IN LEAD SE CURB PAXTON ST. 15 FT NE OF BCR AT THE NE COR SHARP AVE.	293.031‡ 961.385‡‡	293.034‡ 961.396‡‡
C-3	S&W STAMPED 'LS 3223 BM C3' SET IN SW COR OF 3.5 FT SQ. CONC DRAIN BOX 265 FT+- NW OF MAIN ENTRANCE GATE: 50 FT +- SW OF NLY BLK WALL PAXTON ST. DRILL SITE.	293.414‡ 962.643‡‡	293.418‡ 962.656‡‡
C-2	S&W STAMPED 'LS 3223 C2' IN SE COR 5 FT WIDE CONC DRAIN STRUCTURE: 170 FT+- SW OF DRILL HEAD SITE: 41.5 FT NW WALL ALONG PAXTON ST: 48 FT SE WALL ALONG WASH.	292.665‡ 960.184‡‡	292.666‡ 960.188‡‡
C-1	WIRE SPK IN LEAD SE CURB PAXTON ST. 1 FT SW OF BCR AT THE SE COR OF VENA AVE.	291.301‡ 955.709‡‡	291.304‡ 955.720‡‡
03-08630	‡JUNCTION LOOP 'E'‡ WIRE SPK IN LEAD 1.5 FT SE OF BCR 1 FT NE OF NE CURB OF ARLETA SET IN STREET LIGHT BASE AT THE SE COR OF PAXTON ST.	289.522‡ 949.874‡‡	289.524‡ 949.880‡‡
C-11	WIRE SPK IN LEAD W CURB OF ARLETA 1 FT N OF BCR & 2 FT S OF S COR CATCH BASIN AT NW COR DEVONSHIRE ST.	287.485‡ 943.190‡‡	287.487‡ 943.197‡‡
03-08600	WIRE SPK IN SW CURB ARLETA AVE. 2 FT SE OF BCR AT SE COR OF FILMORE ST.	285.987‡ 938.275‡‡	285.990‡ 938.286‡‡
03-04650	TRAV MON STAMPED '6-K-26 1942' ON C/L VAN NUYS BLVD. 10 FT S OF C/L ARLETA AVE ‡JUNCTION LOOP 'F'‡	282.736‡ 927.610‡‡	282.741‡ 927.626‡‡
03-04660	WIRE SPK IN SW CURB LEV AVE. 1 FT SE OF BCR AT THE SE COR VAN NUYS BLVD.	283.831‡ 931.203‡‡	283.836‡ 931.219‡‡
03-04680	WIRE SPK IN SW CURB VENA AVE. 2 FT SE OF BCR AT SE COR OF VAN NUYS BLVD.	286.344‡ 939.445‡‡	286.348‡ 939.460‡‡
03-04713	SPK IN LEAD NW CURB VAN NUYS BLVD. 22.6 FT NE OF BCR AT NE COR REMICK AVE.	290.650‡ 953.574‡‡	290.654‡ 953.587‡‡

COPY

		1982 ADJ MTRS‡ 1982 ADJ FEET‡‡	1984 ADJ MTRS‡ 1984 ADJ FEET‡‡
03-02670A	‡JUNCTION LOOP "B"‡	0.000‡	292.824‡
	MARK 03-02670 C/L MON NOT RECOVERED 4/84	0.000‡‡	960.707‡‡

COPY

FB: 1007 PG: 104

R. CLARK WILSON INC.

SECTION ABSTRACT

LOOP D
JUNCTION 03-02760 HELD
ELEVATION 297.46 MTRS

E4
T5

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/12	14:18:41	03-02760	C-5	FWD/2/0	RLS/RCW

SECTION K'MTRS	00.282	TEMP & EX CORR MTRS	-2.07027
TOTAL KILOMETERS	00.282	FIELD ELEVATION	295.38973

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/13	08:13:34	C-5	C-4	FWD/2/0	RCW/RLS

SECTION K'MTRS	00.166	TEMP & EX CORR MTRS	-2.35491
TOTAL KILOMETERS	00.448	FIELD ELEVATION	293.03482

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/13	08:28:49	C-4	C-3	FWD/2/0	RCW/RLS

SECTION K'MTRS	00.180	TEMP & EX CORR MTRS	.38369
TOTAL KILOMETERS	00.629	FIELD ELEVATION	293.41851

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/13	08:55:20	C-3	C-2	FWD/2/0	RCW/RLS

SECTION K'MTRS	00.151	TEMP & EX CORR MTRS	-.75104
TOTAL KILOMETERS	00.780	FIELD ELEVATION	292.66748

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/13	09:11:17	C-2	C-1	FWD/2/0	RCW/RLS

SECTION K'MTRS	00.090	TEMP & EX CORR MTRS	-1.36238
TOTAL KILOMETERS	00.870	FIELD ELEVATION	291.30509

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/13	09:21:59	C-1	03-08630	FWD/2/0	RCW/RLS

SECTION K'MTRS	00.281	TEMP & EX CORR MTRS	-1.77968
TOTAL KILOMETERS	01.150	FIELD ELEVATION	289.52542

*****

COPY

FB:1007 PG:105

R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/13	09:41:51	03-06830	C-11	FWD/2/0	RCW/RLS

SECTION K'MTRS	00.242	TEMP & EX CORR MTRS	-2.03667
TOTAL KILOMETERS	01.392	FIELD ELEVATION	287.48874

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/13	10:03:49	C-11	03-08600	FWD/2/0	RLS

SECTION K'MTRS	00.320	TEMP & EX CORR MTRS	-1.49693
TOTAL KILOMETERS	01.712	FIELD ELEVATION	285.99181

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/13	10:38:29	03-08600	03-04650	FWD/2/0	RLS

SECTION K'MTRS	00.430	TEMP & EX CORR MTRS	-3.24882
TOTAL KILOMETERS	02.143	FIELD ELEVATION	282.74299

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/13	11:20:06	03-04650	03-04660	FWD/2/0	RLS

SECTION K'MTRS	00.099	TEMP & EX CORR MTRS	1.09524
TOTAL KILOMETERS	02.241	FIELD ELEVATION	283.83824

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/13	12:47:28	03-04660	03-04680	FWD/2/0	LWJ/RCW

SECTION K'MTRS	00.204	TEMP & EX CORR MTRS	2.51248
TOTAL KILOMETERS	02.445	FIELD ELEVATION	286.35072

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/13	13:01:46	03-04680	03-04713	FWD/2/0	LWJ/RCW

SECTION K'MTRS	00.343	TEMP & EX CORR MTRS	4.30607
TOTAL KILOMETERS	02.788	FIELD ELEVATION	290.65679

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/13	13:27:32	03-04713	03-02670A	FWD/2/0	LWJ/RCW

SECTION K'MTRS	00.173	TEMP & EX CORR MTRS	2.17079
TOTAL KILOMETERS	02.961	FIELD ELEVATION	292.82757

*****

CLOSEURE ERROR +3.57mm

COPY

CO ENG FB 3671-79

FB: 1007 PG: 106

'R CLARK WILSON, INC

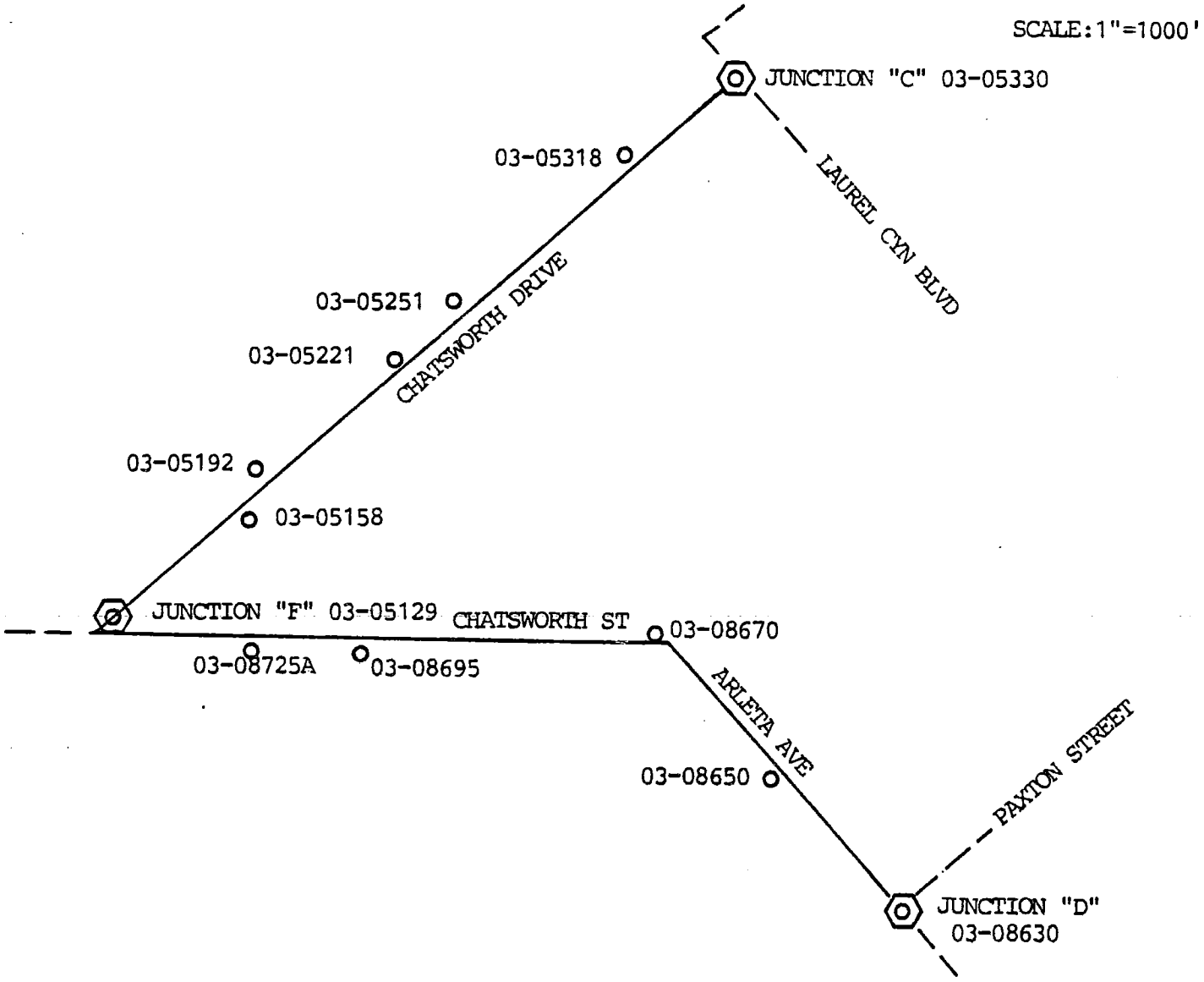
LS 3223

BOUNDARY

CONTROL

PRECISE LEVELS
LOOP "E"

SCALE: 1"=1000'



FOR: CHEVRON USA INC
APRIL
1984

COPY

FB: 1007 PG: 107

PRECISE LEVEL LOOP "E": FROM THE INTERSECTION OF LAUREL CYN BLVD AND CHATSWORTH DR. THENCE SW ON CHATSWORTH DR. TO CHATSWORTH ST: THENCE WLY ON CHATSWORTH ST. TO ARLETA AVE: THENCE SELY ON ARLETA AVE. TO PAXTON STREET.

		1982 ADJ MTRS‡ 1982 ADJ FEET‡‡	1984 ADJ MTRS‡ 1984 ADJ FEET‡‡
03-05330	‡JUNCTION LOOP "C"‡	308.676‡ 1012.716‡‡	308.677‡ 1012.718‡‡
03-05318	WIRE SPK IN NW CURB CHATSWORTH DR. 43.5 FT SW OF GOLDEN STATE FWY OVERPASS SW END OF CLVT OUTLET	307.209‡ 1007.903‡‡	307.211‡ 1007.908‡‡
03-05251	WIRE SPK IN NE CURB ARLETA AVE. 22.6 FT NW OF BCR AT NW COR CHATSWORTH DR.	295.789‡ 970.435‡‡	295.793‡ 970.447‡‡
03-05221	WIRE SPK IN SE CURB MASCARELL AVE. 6 FT NW OF BCR AT THE NW COR OF CHATSWORTH DR.	293.754‡ 963.759‡‡	293.760‡ 963.777‡‡
03-05192	WIRE SPK IN SW CURB KESTER AVE. 17 FT NW OF BCR AT NW COR CHATSWORTH DR.	291.127‡ 955.139‡‡	291.132‡ 955.156‡‡
03-05158	WIRE SPK IN NE CURB LOS ALINOS ST. 3.3 FT NW OF BCR AT NW COR CHATSWORTH DR.	289.285‡ 949.096‡‡	289.291‡ 949.114‡‡
03-05129	‡JUMCTION 'F'‡ STD SUR MON STAMPED 'RESET 1971' ON C/L CHATSWORTH DR. 100 FT NE OF C/L CHATSWORTH ST.	286.097‡ 938.638‡‡	286.104‡ 938.660‡‡
03-08725A	WIRE SPK IN SE CURB CHATSWORTH ST. 5 FT NE OF BCR AT SE COR LEMONA AVE.	285.899‡ 937.988‡‡	285.905‡ 938.007‡‡
03-08695	WIRE SPK IN S CURB CHATSWORTH ST. 1.8 FT W OF BCR W OF WOODMAN AVE.	286.682‡ 940.556‡‡	286.688‡ 940.574‡‡
03-08670	WIRE SPK IN S CURB CHATSWORTH ST. 100 FT W OF ARLETA AVE. 3 FT E OF BC MOST W'LY RETURN OF TRAFFIC ISLAND	288.693‡ 947.153‡‡	288.696‡ 947.162‡‡
03-08650	WIRE SPK IN SW CURB ARLETA AVE. 1.5 FT SE OF BCR AT SE COR SAN JOSE ST.	287.913‡ 944.593‡‡	287.915‡ 944.601‡‡
03-08630	‡JUNCTION LOOP 'D'‡	289.522‡ 949.874‡‡	289.524‡ 949.882‡‡

COPY

FB: 1007 PG: 108

R. CLARK WILSON INC.

SECTION ABSTRACT

LOOP E
JUNCTION 03-05330 HELD
ELEVATION 308.677 MTRS

E5
T7

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	08:15:26	03-05330	03-05318	FWD/1/0	LWJ/RCW

SECTION K'MTRS	00.151	TEMP & EX CORR MTRS	-1.46602
TOTAL KILOMETERS	00.151	FIELD ELEVATION	307.21098

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	08:25:52	03-05318	03-05251	FWD/1/0	LWJ/RCW

SECTION K'MTRS	00.569	TEMP & EX CORR MTRS	-11.41814
TOTAL KILOMETERS	00.720	FIELD ELEVATION	295.79284

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	09:04:44	03-05251	03-05221	FWD/2/0	LWJ/RCW

SECTION K'MTRS	00.197	TEMP & EX CORR MTRS	-2.03316
TOTAL KILOMETERS	00.917	FIELD ELEVATION	293.75969

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	09:18:25	03-05221	03-05192	FWD/1/0	LWJ/RCW

SECTION K'MTRS	00.266	TEMP & EX CORR MTRS	-2.62764
TOTAL KILOMETERS	01.183	FIELD ELEVATION	291.13204

*****

T7A

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	14:32:19	03-05192	03-05158	BK/2/1	RCW/LWJ

SECTION K'MTRS	00.160	TEMP & EX CORR MTRS	-1.84153
TOTAL KILOMETERS	01.343	FIELD ELEVATION	289.29051

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	14:14:25	03-05158	03-05129	BK/2/0	RCW

SECTION K'MTRS	00.282	TEMP & EX CORR MTRS	-3.18641
TOTAL KILOMETERS	01.625	FIELD ELEVATION	286.10410

*****

COPY

FB: 1007 PG: 109

R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	13:54:14	03-05129	03-08725A	BK/2/1	RCW/LWJ
SECTION K'MTRS	00.267	TEMP & EX CORR MTRS	-.19910		
TOTAL KILOMETERS	01.892	FIELD ELEVATION	285.90500		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	13:33:07	03-08725A	03-08695	BK/2/1	RCW/LWJ
SECTION K'MTRS	00.287	TEMP & EX CORR MTRS	.78259		
TOTAL KILOMETERS	02.179	FIELD ELEVATION	286.68759		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	12:56:21	03-08695	03-08670	BK/2/0	RCW/LWJ
SECTION K'MTRS	00.526	TEMP & EX CORR MTRS	2.00798		
TOTAL KILOMETERS	02.705	FIELD ELEVATION	288.69557		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	12:33:53	03-08670	03-08650	BK/2/0	RCW/LWJ
SECTION K'MTRS	00.358	TEMP & EX CORR MTRS	-.78049		
TOTAL KILOMETERS	03.063	FIELD ELEVATION	287.91508		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	12:12:00	03-08650	203-08630	BK/2/1	RCW/LWJ
SECTION K'MTRS	00.319	TEMP & EX CORR MTRS	1.60938		
TOTAL KILOMETERS	03.382	FIELD ELEVATION	289.52446		

*****

CLOSEURE ERROR +0.46mm

COPY

83

CO ENG FB 3671-33

FB:1007 PG:110

R CLARK WILSON, INC

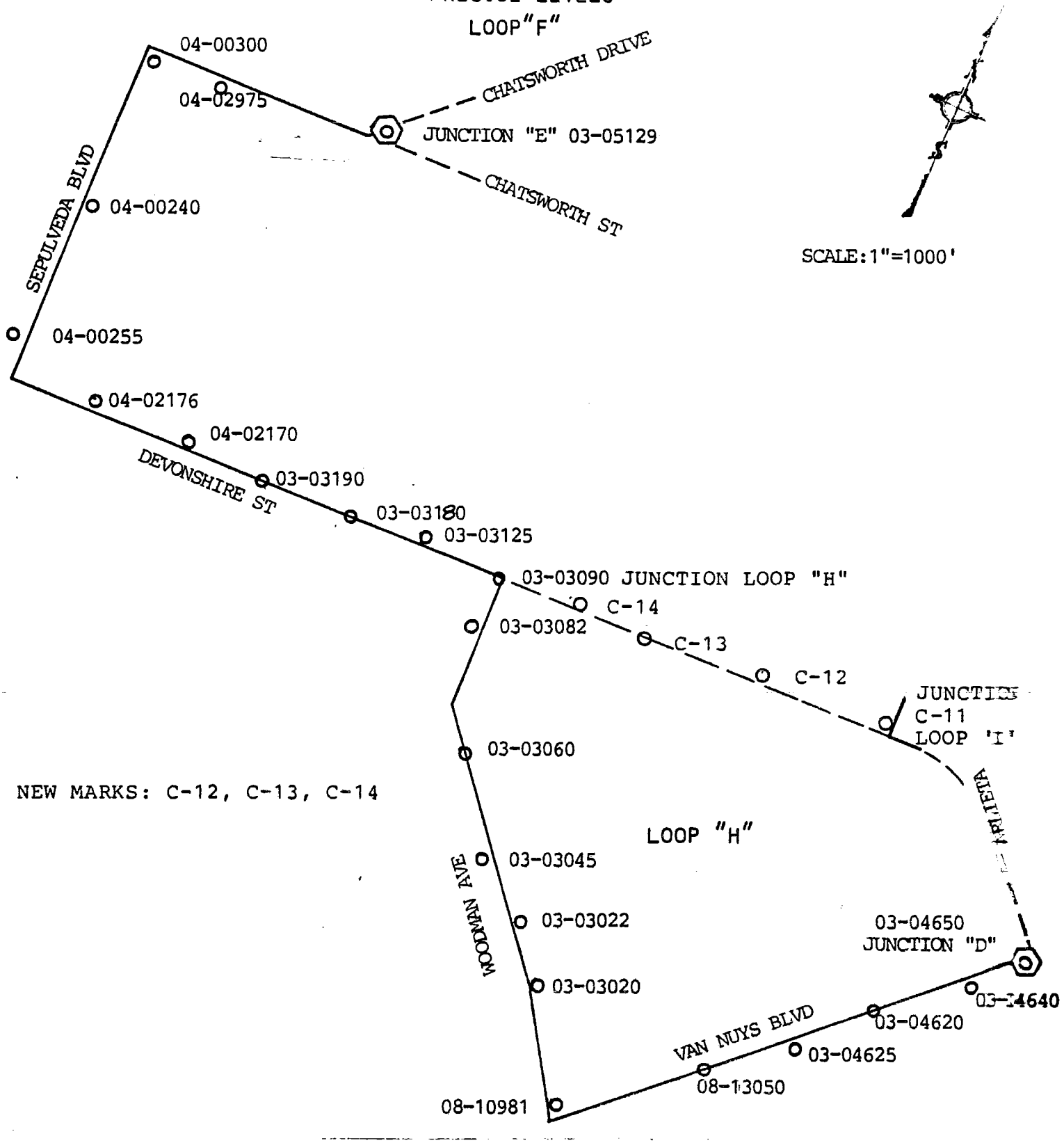
LS 3223

BOUNDARY

CONTROL

PRECISE LEVELS

LOOP "F"



NEW MARKS: C-12, C-13, C-14

FOR: CHEVRON USA INC

APRIL

1984

COPY

#PRECISE LOOP "F": WLY ON CHATSWORTH ST TO SEPULVEDA BLVD: THENCE SLY ON SEPULVEDA TO DEVONSHIRE ST: THENCE ELY ON DEVONSHIRE TO WOODMAN: THENCE ELY ON DEVONSHIRE TO ARLETA STREET

		1982 ADJ MTRS# 1982 ADJ FEET##	1984 ADJ MTRS# 1984 ADJ FEET##
03-05129	#JUNCTION LOOP "E"#	286.097# 938.638##	286.104# 938.660##
04-02975	WIRE SPK IN S CURB CHATSWORTH ST. ON C/L PROD OF COLUMBUS AVE. FROM THE NORTH	284.404# 933.083##	284.412# 933.108##
04-00300	STD TRAV MON 6-J-73 ON C/L INTER SEPULVEDA BLVD AND C/L CHATSWORTH STREET.	283.162# 929.006##	283.169# 929.031##
04-00240	WIRE SPK IN E CURB SEPULVEDA BLVD 5 FT N OF BCR AT NE COR SAN JOSE ST.	280.076# 918.883##	280.083# 918.907##
04-00225	WIRE SPK IN W CURB SEPULVEDA BLVD 10 FT N OF BCR OF 1ST ALLEY NORTH OF DEVONSHIRE ST	278.819# 914.758##	278.826# 914.782##
04-02176	WIRE SPK IN N CURB DEVONSHIRE ST. 1.6 FT W OF BCR AT NW COR COLUMBUS AVE.	277.766# 911.302##	277.772# 911.325##
04-02170	WIRE SPK IN N CURB DEVONSHIRE ST. 5 FT E OF BCR AT NE COR OF BURNETT AVE.	278.375# 913.303##	278.383# 913.330##
03-03190	WIRE SPK IN S CURB DEVONSHIRE ST. 5 FT W OF BCR AT THE SW COR NOBLE AVE.	278.761# 914.568##	278.769# 914.593##
03-03180	STD TRAV MON 6-K-25 AT C/L INTER OF DEVONSHIRE ST. AND LEMONA AVE.	278.796# 914.684##	278.803# 914.707##
03-03125	WIRE SPK IN N CURB DEVONSHIRE ST 8 FT E OF CTR OF ENTRANCE WALK TO HOUSE #14921 0.12 MILES WLY OF WOODMAN AVENUE	279.589# 917.285##	279.596# 917.307##
03-03090	STD TRAV MON STAMPED '6-K-22 1941' AT C/L INTER OF DEVONSHIRE ST. AND WOODMAN AVE.	278.615# 914.091##	278.620# 914.107##
C-14	WIRE SPK IN N CURB OF DEVONSHIRE ST 0.10 MILE ELY WOODMAN, 2.3 FT WLY OF END OF CURB NEW MARK	0.000# 0.000##	280.007# 918.658##
C-13	STD SUR MON ON C/L DEVONSHIRE ST 0.20 MILE ELY OF WOODMAN AVE NEW MARK	0.000# 0.000##	283.241# 929.266##

COPY

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		1982 ADJ MTRS‡ 1982 ADJ FEET‡‡	1984 ADJ MTRS‡ 1984 ADJ FEET‡‡
C-12	NLY SIDE OF DEVONSHIRE ST 0.2 MILE WLY OF ARLETA AVE PK SET IN LEAD AT SELY COR CONC. DRAIN STRUCTURE-NEW MARK	0.000‡ 0.000‡‡	286.453‡ 939.805‡‡
C-11	JUNCTION MARK LOOP "D"	287.485‡ 943.190‡‡	287.487‡ 943.197‡‡

COPY

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R. CLARK WILSON INC.

SECTION ABSTRACT

LOOP F
JUNCTION 03-05129 HELD
ELEVATION 286.104 MTRS

E6
T8

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	09:46:30	03-05129	04-02975	FWD/2/0	LWJ/RCW

SECTION K'MTRS	00.379	TEMP & EX CORR MTRS	-1.69221
TOTAL KILOMETERS	00.379	FIELD ELEVATION	284.41179

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	10:09:13	04-02975	04-00300	FWD/1/1	LWJ/RCW

SECTION K'MTRS	00.199	TEMP & EX CORR MTRS	-1.24247
TOTAL KILOMETERS	00.578	FIELD ELEVATION	283.16931

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	10:25:42	04-00300	04-00240	FWD/1/0	LWJ/RCW

SECTION K'MTRS	00.401	TEMP & EX CORR MTRS	-3.08604
TOTAL KILOMETERS	00.979	FIELD ELEVATION	280.08327

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	10:50:30	04-00240	04-00225	FWD/2/0	LWJ/RCW

SECTION K'MTRS	00.200	TEMP & EX CORR MTRS	-1.25728
TOTAL KILOMETERS	01.179	FIELD ELEVATION	278.82600

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	11:06:02	04-00225	04-02176	FWD/2/0	LWJ/RCW

SECTION K'MTRS	00.369	TEMP & EX CORR MTRS	-1.05373
TOTAL KILOMETERS	01.547	FIELD ELEVATION	277.77226

*****

T8A

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	10:38:56	04-02176	04-02170	BK/2/0	LWJ/RCW

SECTION K'MTRS	00.221	TEMP & EX CORR MTRS	.61119
TOTAL KILOMETERS	01.769	FIELD ELEVATION	278.38346

*****

COPY

27

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R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	10:25:26	04-02170	03-03190	BK/2/O	LWJ/RCW

SECTION K'MTRS	00.185	TEMP & EX CORR MTRS	.38504
TOTAL KILOMETERS	01.953	FIELD ELEVATION	278.76850

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	10:10:09	03-03190	03-03180	BK/2/O	LWJ/RCW

SECTION K'MTRS	00.222	TEMP & EX CORR MTRS	.03465
TOTAL KILOMETERS	02.175	FIELD ELEVATION	278.80315

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	09:58:52	03-03180	03-03125	BK/2/O	LWJ/RCW

SECTION K'MTRS	00.146	TEMP & EX CORR MTRS	.79244
TOTAL KILOMETERS	02.321	FIELD ELEVATION	279.59559

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	09:40:07	03-03125	03-03090	BK/2/O	LWJ/RCW

SECTION K'MTRS	00.269	TEMP & EX CORR MTRS	-.97524
TOTAL KILOMETERS	02.590	FIELD ELEVATION	278.62035

*****

T6

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	09:25:46	C-14 S & LEAD	03-03090 C/L MON	BK/2/O	LWJ/RCW

SECTION K'MTRS	00.158	TEMP & EX CORR MTRS	1.38703
TOTAL KILOMETERS	02.747	FIELD ELEVATION	280.00738

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	09:11:04	C-13 C/L MON	C-14 S & LEAD	BK/2/O	LWJ/RCW

SECTION K'MTRS	00.169	TEMP & EX CORR MTRS	3.23355
TOTAL KILOMETERS	02.916	FIELD ELEVATION	283.24093

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	08:47:53	C-12 PK & LEAD	C-13 C/L MON	BK/2/O	LWJ/RCW

SECTION K'MTRS	00.272	TEMP & EX CORR MTRS	3.21265
TOTAL KILOMETERS	03.188	FIELD ELEVATION	286.45358

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R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/16	08:22:30	C-11	C-12	BK/2/0	LWJ/RCW

SECTION K'MTRS	00.350	TEMP & EX CORR MTRS	1.03428
TOTAL KILOMETERS	03.538	FIELD ELEVATION	287.48786

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CLOSEURE ERROR +0.86mm

COPY

PRECISE LOOP "H" FROM THE INTERSECTION OF DEVONSHIRE ST AND WOODMAN AVENUE SELY ON WOODMAN AVENUE TO VAN NUYS BLVD: THENCE NELY ON VAN NUYS BLVD TO ARLETA AVE.

		1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**
03-03090	STD TRAV MON STAMPED '6-K-22 1941' AT C/L INTER OF DEVONSHIRE ST. AND WOODMAN AVE.	278.615* 914.091**	278.620* 914.106**
03-03082	WIRE SPK IN S CURB OF TUBA ST. 2 FT W OF BCR AT SW COR WOODMAN AVE.	278.835* 914.811**	278.839* 914.824**
03-03060	STD TRAV MON STAMPED '6-K-23 1941' ON C/L WOODMAN AVE AT PROD OF PAXTON ST. 68 FT S OF S CURB LINE PROD OF MAYALL ST	276.833* 908.244**	276.837* 908.256**
03-03045	WIRE SPK IN W CURB OF WOODMAN AVE AT PP#229780M 0.13 MILE NLY FROM FILMORE ST.	275.824* 904.933**	275.828* 904.945**
03-03022	WIRE SPK IN E CURB WOODMAN AVE 3 FT N OF BCR N OF FILLMORE ST FROM THE EAST LASSEN ST FROM THE WEST	274.523* 900.664**	274.526* 900.674**
03-03020	WIRE SPK IN E CURB WOODMAN AVE. 171 FT SLY OF C/L PROD OF VESPER AVE. 0.04 MILE S OF FILMORE ST.	274.234* 899.717**	274.238* 899.729**
08-10981	WIRE SPK IN N CURB VAN NUYS BLVD 0.8 FT E OF BCR AT NE COR WOODMAN AVENUE	271.654* 891.250**	271.659* 891.267**
08-13050	STD TRAV MON '7-K-25 1942' AT C/L INTER VAN NUYS BLVD AND CANTERBURY AVENUE	275.156* 902.742**	275.161* 902.757**
03-04625	BOLT IN SE CURB VAN NUYS BLVD. IN FRONT OF HOUSE #14246 10 FT SW OF ALLEY 0.11 MILE SW OF BEACHY AVE.	277.340* 909.907**	277.345* 909.923**
03-04620	STD SUR MON AT C/L INTER OF VAN NUYS BLVD. AND BEACHY AVE.	279.244* 916.152**	279.248* 916.166**
03-04640	SPK IN SE CURB VAN NUYS BLVD 56 FT NE OF NE END OF HANDRAIL TO BRIDGE IN NE COR OF CATCH BASIN 0.1 MILE SW OF ARLETA	281.506* 923.575**	281.510* 923.587**
03-04650	*JUNCTION LOOP 'D'*	282.736* 927.610**	282.741* 927.626**

COPY

FB: 1007 PG: 117

R. CLARK WILSON INC.

SECTION ABSTRACT

LOOP H
JUNCTION 03-03090 HELD
ELEVATION 278.62 MTRS

E7
T8B

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	12:46:05	03-03090	03-03082	FWD/1/1	RCW/LWJ
	SECTION K'MTRS	00.112	TEMP & EX CORR MTRS	.21905	
	TOTAL KILOMETERS	00.112	FIELD ELEVATION	278.83905	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	12:56:49	03-03082	03-03060	FWD/1/0	RCW/LWJ
	SECTION K'MTRS	00.323	TEMP & EX CORR MTRS	-2.00212	
	TOTAL KILOMETERS	00.435	FIELD ELEVATION	276.83693	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	13:22:14	03-03060	03-03045	FWD/1/1	RCW
	SECTION K'MTRS	00.193	TEMP & EX CORR MTRS	-1.00903	
	TOTAL KILOMETERS	00.628	FIELD ELEVATION	275.82790	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	13:36:51	03-03045	03-03022	FWD/1/1	RCW/LWJ
	SECTION K'MTRS	00.242	TEMP & EX CORR MTRS	-1.30193	
	TOTAL KILOMETERS	00.869	FIELD ELEVATION	274.52597	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	13:55:04	03-03022	03-03020	FWD/2/1	RCW
	SECTION K'MTRS	00.072	TEMP & EX CORR MTRS	-.28800	
	TOTAL KILOMETERS	00.941	FIELD ELEVATION	274.23797	

*****

T8C

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/17	14:03:27	03-03020	08-10981	FWD/1/1	RCW/LWJ
	SECTION K'MTRS	00.381	TEMP & EX CORR MTRS	-2.57916	
	TOTAL KILOMETERS	01.322	FIELD ELEVATION	271.65882	

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R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/18	09:16:54	08-10981	08-13050	BK/2/O	LWJ/RCW
	SECTION K'MTRS	00.392	TEMP & EX CORR MTRS	3.50217	
	TOTAL KILOMETERS	01.715	FIELD ELEVATION	275.16099	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/18	09:01:04	08-13050	03-04625	BK/2/O	LWJ/RCW
	SECTION K'MTRS	00.205	TEMP & EX CORR MTRS	2.18340	
	TOTAL KILOMETERS	01.920	FIELD ELEVATION	277.34439	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/18	08:45:18	03-04625	03-04620	BK/2/O	LWJ/RCW
	SECTION K'MTRS	00.209	TEMP & EX CORR MTRS	1.90336	
	TOTAL KILOMETERS	02.128	FIELD ELEVATION	279.24775	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/18	08:27:30	03-04620	03-04640	BK/2/O	LWJ/RCW
	SECTION K'MTRS	00.261	TEMP & EX CORR MTRS	2.26140	
	TOTAL KILOMETERS	02.389	FIELD ELEVATION	281.50914	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/18	08:15:57	03-04650	03-04640	BK/2/O	LWJ/RCW
	SECTION K'MTRS	00.150	TEMP & EX CORR MTRS	1.22997	
	TOTAL KILOMETERS	02.539	FIELD ELEVATION	282.73912	

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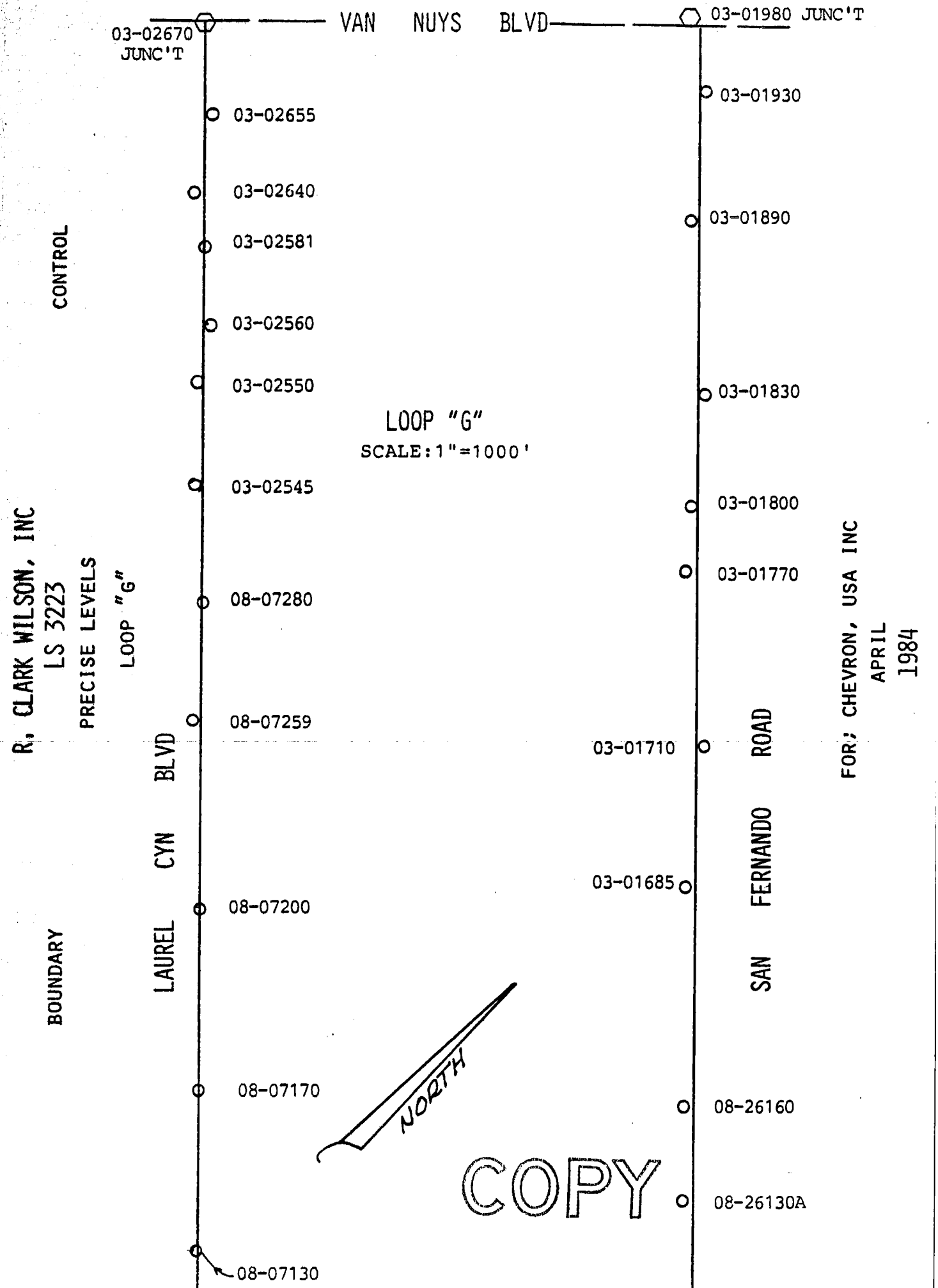
CLOSEURE ERROR -1.88mm

COPY

92

CO ENG FB 3671-92
FB: 1007 PG: 119



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FB: 1007 PG: 120

#PRECISE LEVEL LOOP 'G'# FROM INTERSECTION OF VAN NUYS BLVD AND SAN FERNANDO ROAD: THENCE S'ELY ON S.F.RD. TO SHELDON ST: THENCE S'WLY ON SHELDON ST. TO LAUREL CYN BLVD: THENCE N'WLY ALONG LAUREL CYN BLVD TO VAN NUYS BLVD.

		1982 ADJ MTRS# 1982 ADJ FEET##	1984 ADJ MTRS# 1984 ADJ FEET##
03-01980	#JUNCTION LOOP 'B'#	308.566# 1012.354##	308.566# 1012.354##
03-01930	USC&GS DISC STAMPED 'N 898 1955' IN CONC HEADWALL AT NW END OF CLVT IN S.P. R/W 44.7 FT NE OF NE CURB OF S.F.RD. 0.1 MI SE OF VAN NUYS BLVD.	307.934# 1010.279##	307.934# 1010.279##
03-01890	WIRE SPK IN SW CURB S.F.RD. 75 FT SE OF BCR AT SE COR OF PIERCE ST.	304.803# 1000.006##	304.805# 1000.013##
03-01830	LADW&P DISC IN TOP OF HEADWALL TO CLVT ABOUT 50 FT SE OF C/L PROD TERRA BELLA ST AND 40 FT NE OF NE CURB OF S.F.RD.	301.788# 990.116##	301.788# 990.117##
03-01800	STD TRAV MON STAMPED '6-L-22 1940' ON C/L PROD OF GOLETA ST. 7.7 FT NE OF L&T IN NE CURB S.F.RD. DN 10"	298.456# 979.183##	298.458# 979.191##
03-01770	WIRE SPK IN SW CURB S.F.RD. 6 FT SE OF BCR AT SE COR OF KAGEL CYN STREET	296.370# 972.342##	296.373# 972.350##
03-01710	STD TRAV MON STAMPED '6-K-20 1940' ON C/L OSBORNE ST. 40 FT NE OF THE C/L OF S.F.RD.	290.535# 953.198##	290.540# 953.212##
03-01685	WIRE SPK IN SW CURB OF S.F.RD. 1 FT NW OF BCR AT THE SW CORNER OF BROMWICH ST.	286.806# 940.962##	286.811# 940.980##
08-26160	SPK IN SW CURB S.F.RD. 2.6 FT SE OF NW END OF CURB AT THE SE CORNER OF BRANFORD ST.	278.855# 914.878##	278.861# 914.898##
08-26130A	SPK IN LEAD IN CONC CURB AT SE EXIT GATE FROM CITY OF LA MAINTENANCE YARD AT 9701 S.F.RD. (1.2 MI NW SHELDON ST) 0.7 FT FROM THE END AND ON C/L OF 8 FT HIGH BRICK WALL	279.639# 917.449##	279.645# 917.468##
08-26060	(RW 34 204) LACFC DISC STAMPED 'RW 34 204' AT SE END OF BRIDGE #53-378 ON S.F.RD. 0.8 MI NW SHELDON ST. 2.7 FT NE OF NE CURB OF S.F.RD. AND 1.1 FT OFF END OF BRIDGE.	280.358# 919.808##	280.366# 919.834##
08-26070	STD SUR MON ON C/L TRUESDALE ST. 4.6 FT SW OF SW CURB LINE OF S.F.RD.	276.259# 906.360##	276.267# 906.387##
08-26001	WIRE SPK IN SW CURB S.F.RD. 30 FT NW OF THE BCR AT THE SW COR SHELDON STREET.	273.833# 898.401##	273.843# 898.433##

COPY

		1982 ADJ MTRS‡ 1982 ADJ FEET‡‡	1984 ADJ MTRS‡ 1984 ADJ FEET‡‡
08-29830	WIRE SPK IN SE CURB OF SHELDON ST. 2 FT SW OF BCR AT THE SW COR OF TELFAIR AVE.	268.713‡ 881.602‡‡	268.722‡ 881.632‡‡
08-29842	WIRE SPK IN NW CURB OF SHELDON ST. 2 FT SW OF BCR AT THE SW COR OF KEWEN AVE.	267.430‡ 877.395‡‡	267.439‡ 877.423‡‡
08-29855	WIRE SPK IN SE CURB SHELDON ST. 1.9 FT NE OF BCR AT THE NE COR HADDON AVE.	265.903‡ 872.384‡‡	265.912‡ 872.413‡‡
08-07055	WIRE SPK IN NW CURB SHELDON ST. 2 FT NE OF BCR NE OF RINCON AVE 1 BLK NE OF LAUREL CYN AND 3.1 FT SW OF NELY WIRE SPK.	263.199‡ 863.513‡‡	263.208‡ 863.543‡‡
08-07065	WIRE SPK IN SW CURB LAUREL CYN BLVD 3 FT SE OF BCR AT THE SE CORNER OF SHELDON ST.	262.113‡ 859.950‡‡	262.123‡ 859.982‡‡
08-07075	WIRE SPK IN SW CURB LAUREL CYN BLVD 2 FT SE OF BCR OF GOLDEN STATE FWY OFF RAMP OPPOSITE JEROME ST.	263.379‡ 864.102‡‡	263.386‡ 864.126‡‡
08-07115	WIRE SPK IN SW CURB LAUREL CYN BLVD 5 FT NW OF BCR AT THE SW COR OF TONOPAH ST.	265.679‡ 871.649‡‡	265.685‡ 871.669‡‡
08-07130	STD SUR MON ON C/L LAUREL CYN BLVD 38 FT+- NW OF C/L WASH AND 0.22 MILES NW OF TONOPAH ST.	265.031‡ 869.523‡‡	265.039‡ 869.548‡‡
08-01770	STD TRAV MON STAMPED 'T-L-21 1941' AT THE C/L INTER LAUREL CYN BLVD AND BRANFORD ST.	271.043‡ 889.246‡‡	271.048‡ 889.264‡‡
08-07200	STD SUR MON AT C/L INTER OF LAUREL CYN BLVD AND MONTAGUE ST. ‡‡RESET 1954‡‡	275.876‡ 905.102‡‡	275.881‡ 905.121‡‡
08-07259	WIRE SPK IN NW CURB OSBORNE ST. 2 FT SW OF BCR AT THE SW COR OF LAUREL CYN BLVD.	281.145‡ 922.391‡‡	281.151‡ 922.409‡‡
08-07280	WIRE SPK IN NE CURB LAUREL CYN BLVD. 2 FT SE OF BCR AT NE COR KELOWNA ST.	284.077‡ 932.009‡‡	284.082‡ 932.026‡‡
03-02545	WIRE SPK IN SW CURB LAUREL CYN BLVD ABOUT SE OF P/L PROD OF GLANIS AVE.	285.678‡ 937.262‡‡	285.684‡ 937.280‡‡

COPY

		1982 ADJ MTRS‡ 1982 ADJ FEET‡‡	1984 ADJ MTRS‡ 1984 ADJ FEET‡‡
03-02550	STD TRAV MON STAMPED '6-L-2‡ 1941' AT THE C/L INTER LAUREL CYN BLVD AND TERRA BELLA ST.	287.128‡ 942.020‡‡	287.133‡ 942.037‡‡
03-02560	WIRE SPK IN NE CURB LAUREL CYN BLVD 32 FT NW OF THE C/L PROD OF REMINGTON ST.	288.958‡ 948.023‡‡	288.963‡ 948.038‡‡
03-02581	WIRE SPK IN NE CURB LAUREL CYN BLVD 32 FT NW OF THE C/L PROD OF GAGER ST.	290.664‡ 953.622‡‡	290.669‡ 953.636‡‡
03-02640	WIRE SPK IN SW CURB LAUREL CYN BLVD 2 FT NW OF BCR AT THE SW COR OF PIERCE ST.	290.785‡ 954.016‡‡	290.789‡ 954.029‡‡
03-02655	WIRE SPK IN SE CURB CARL ST 2 FT NE OF BCR AT THE NE COR LAUREL CYN BLVD.	291.815‡ 957.397‡‡	291.819‡ 957.409‡‡
03-02670A	‡JUNCTION LOOP "B"‡ 03-02670 NOT RECOVERED 4/84	0.000‡ 0.000‡‡	292.824‡ 960.707‡‡

COPY

FB: 1007 PG: 123

R. CLARK WILSON INC.

SECTION ABSTRACT

LOOP G
JUNCTION 03-01980 HELD
ELEVATION 308.566 MTRS

E8
T9

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/18	10:29:50	03-01980	03-01930	FWD/1/0	LWJ/RCW
	SECTION K'MTRS	00.175	TEMP & EX CORR MTRS	-.63239	
	TOTAL KILOMETERS	00.175	FIELD ELEVATION	307.93361	
			*****		
DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/18	10:49:06	03-01930	03-01890	FWD/1/0	LWJ/RCW
	SECTION K'MTRS	00.348	TEMP & EX CORR MTRS	-3.12873	
	TOTAL KILOMETERS	00.523	FIELD ELEVATION	304.80488	
			*****		
DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/18	11:13:50	03-01890	03-01830	FWD/1/0	LWJ/RCW
	SECTION K'MTRS	00.434	TEMP & EX CORR MTRS	-3.01599	
	TOTAL KILOMETERS	00.957	FIELD ELEVATION	301.78889	
			*****		
DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/18	12:54:14	03-01830	03-01800	FWD/2/1	RCW/LWJ
	SECTION K'MTRS	00.279	TEMP & EX CORR MTRS	-3.33028	
	TOTAL KILOMETERS	01.236	FIELD ELEVATION	298.45861	
			*****		
DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/18	13:16:45	03-01800	03-01770	FWD/1/1	RCW/LWJ
	SECTION K'MTRS	00.168	TEMP & EX CORR MTRS	-2.08486	
	TOTAL KILOMETERS	01.404	FIELD ELEVATION	296.37375	
			*****		
DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/18	13:34:01	03-01770	03-01710	FWD/1/1	RCW/LWJ
	SECTION K'MTRS	00.432	TEMP & EX CORR MTRS	-5.83323	
	TOTAL KILOMETERS	01.836	FIELD ELEVATION	290.54052	
			*****		

COPY

FB:1007 PG:124

R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/18	14:02:46	03-01710	03-01685	FWD/1/1	RCW
	SECTION K'MTRS	00.319	TEMP & EX CORR MTRS	-3.72803	
	TOTAL KILOMETERS	02.155	FIELD ELEVATION	286.81249	

*****

T9A

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/19	08:10:37	03-01685	08-26160	FWD/2/1	LWJ/RCW
	SECTION K'MTRS	00.587	TEMP & EX CORR MTRS	-7.94970	
	TOTAL KILOMETERS	02.742	FIELD ELEVATION	278.86279	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/19	08:41:19	08-26160	08-26130A	FWD/2/1	LWJ/RCW
	SECTION K'MTRS	00.243	TEMP & EX CORR MTRS	.78368	
	TOTAL KILOMETERS	02.985	FIELD ELEVATION	279.64647	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/19	08:57:17	08-26130A	08-26060	FWD/2/1	LWJ/RCW
	SECTION K'MTRS	00.422	TEMP & EX CORR MTRS	.72143	
	TOTAL KILOMETERS	03.407	FIELD ELEVATION	280.36790	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/19	09:26:13	08-26060	08-26070	FWD/2/1	LWJ/RCW
	SECTION K'MTRS	00.224	TEMP & EX CORR MTRS	-4.09875	
	TOTAL KILOMETERS	03.631	FIELD ELEVATION	276.26915	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/19	09:45:15	08-26070	08-26001	FWD/2/1	LWJ/RCW
	SECTION K'MTRS	00.414	TEMP & EX CORR MTRS	-2.42395	
	TOTAL KILOMETERS	04.045	FIELD ELEVATION	273.84520	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/19	10:14:36	08-26001	08-29830	FWD/2/1	RCW/LWJ
	SECTION K'MTRS	00.445	TEMP & EX CORR MTRS	-5.12099	
	TOTAL KILOMETERS	04.490	FIELD ELEVATION	268.72421	

*****

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R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/19	10:56:48	08-29830	08-29842	FWD/2/1	RCW/LWJ
SECTION K'MTRS	00.221	TEMP & EX CORR MTRS	-1.28252		
TOTAL KILOMETERS	04.711	FIELD ELEVATION	267.44169		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/19	11:11:43	08-29842	08-29855	FWD/2/1	RCW/LWJ
SECTION K'MTRS	00.186	TEMP & EX CORR MTRS	-1.52722		
TOTAL KILOMETERS	04.897	FIELD ELEVATION	265.91447		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/19	11:24:54	08-29855	08-07055	FWD/2/1	RCW/LWJ
SECTION K'MTRS	00.313	TEMP & EX CORR MTRS	-2.70329		
TOTAL KILOMETERS	05.210	FIELD ELEVATION	263.21118		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/19	13:08:49	08-07055	08-07065	FWD/2/1	LWJ/RCW
SECTION K'MTRS	00.139	TEMP & EX CORR MTRS	-1.08528		
TOTAL KILOMETERS	05.349	FIELD ELEVATION	262.12590		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/19	13:20:31	08-07065	08-07075	FWD/2/1	LWJ/RCW
SECTION K'MTRS	00.219	TEMP & EX CORR MTRS	1.26317		
TOTAL KILOMETERS	05.569	FIELD ELEVATION	263.38908		

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/19	13:47:29	08-07075	08-07115	FWD/2/1	LWJ/RCW
SECTION K'MTRS	00.367	TEMP & EX CORR MTRS	2.29940		
TOTAL KILOMETERS	05.936	FIELD ELEVATION	265.68848		

*****

T9B

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/23	08:16:38	08-07115	08-07130	FWD/2/0	LWJ/RCW
SECTION K'MTRS	00.343	TEMP & EX CORR MTRS	-.64634		
TOTAL KILOMETERS	06.279	FIELD ELEVATION	265.04214		

*****

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FB: 1007 PG: 126

R. CLARK WILSON INC.

SECTION ABSTRACT.

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/23	08:38:31	08-07130	08-01770	FWD/2/O	LWJ/RCW
	SECTION K'MTRS	00.435	TEMP & EX CORR MTRS	6.00971	
	TOTAL KILOMETERS	06.714	FIELD ELEVATION	271.05185	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/23	09:17:25	08-01770	08-07200	FWD/2/O	LWJ/RCW
	SECTION K'MTRS	00.446	TEMP & EX CORR MTRS	4.83338	
	TOTAL KILOMETERS	07.160	FIELD ELEVATION	275.88524	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/23	09:46:59	08-07200	08-07259	FWD/2/O	LWJ/RCW
	SECTION K'MTRS	00.456	TEMP & EX CORR MTRS	5.26953	
	TOTAL KILOMETERS	07.616	FIELD ELEVATION	281.15477	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/23	10:20:42	08-07259	08-07280	FWD/2/O	LWJ/RCW
	SECTION K'MTRS	00.327	TEMP & EX CORR MTRS	2.93152	
	TOTAL KILOMETERS	07.943	FIELD ELEVATION	284.08628	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/23	10:47:25	08-07280	03-02545	FWD/2/O	LWJ/RCW
	SECTION K'MTRS	00.351	TEMP & EX CORR MTRS	1.60173	
	TOTAL KILOMETERS	08.294	FIELD ELEVATION	285.68802	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/23	11:15:13	03-02545	03-02550	FWD/2/O	LWJ/RCW
	SECTION K'MTRS	00.234	TEMP & EX CORR MTRS	1.44983	
	TOTAL KILOMETERS	08.528	FIELD ELEVATION	287.13785	

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/23	11:30:59	03-02550	03-02560	FWD/2/O	LWJ/RCW
	SECTION K'MTRS	00.123	TEMP & EX CORR MTRS	1.82933	
	TOTAL KILOMETERS	08.651	FIELD ELEVATION	288.96718	

*****

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FB: 1007 PG: 127

R. CLARK WILSON INC.

SECTION ABSTRACT

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/23	12:49:09	03-02560	03-02581	FWD/2/1	RCW/LWJ

SECTION K'MTRS	00.219	TEMP & EX CORR MTRS	1.70628
TOTAL KILOMETERS	08.870	FIELD ELEVATION	290.67347

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/23	13:06:53	03-02581	03-02640	FWD/2/1	RCW/LWJ

SECTION K'MTRS	00.129	TEMP & EX CORR MTRS	.12000
TOTAL KILOMETERS	08.999	FIELD ELEVATION	290.79347

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/23	13:19:43	03-02640	03-02655	FWD/2/1	RCW/LWJ

SECTION K'MTRS	00.214	TEMP & EX CORR MTRS	1.03029
TOTAL KILOMETERS	09.213	FIELD ELEVATION	291.82376

*****

DATE	START TIME	FROM BM	TO BM	DIR/SUN/WIND	
84/04/23	13:39:32	03-02655	03-02670A	FWD/2/1	RCW/LWJ

SECTION K'MTRS	00.224	TEMP & EX CORR MTRS	1.00524
TOTAL KILOMETERS	09.437	FIELD ELEVATION	292.82900

*****

CLOSEURE ERROR +5.00mm

COPY

101

CO ENG FB 3671-101

FB: 1007 PG: 128

LIST OF BENCH MARK LOOPS
BY MARK NUMBER AND ELEVATION

COPY

LOOP A

FB: 1007 PG: 129

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
03-06770	323.314* 1060.739**	323.314* 1060.739**	0.00000
03-06780	325.159* 1066.792**	325.159* 1066.793**	.00006
03-06791	327.738* 1075.253**	327.737* 1075.251**	-.00045
03-06820	329.617* 1081.419**	329.617* 1081.418**	-.00059
03-06831	331.082* 1086.225**	331.081* 1086.220**	-.00127
03-06970	334.338* 1096.907**	334.336* 1096.902**	-.00154
03-06880	335.174* 1099.650**	335.172* 1099.645**	-.00155
03-05079	332.907* 1092.213**	332.906* 1092.208**	-.00156
03-05060	329.917* 1082.404**	329.916* 1082.399**	-.00155
03-05030	324.058* 1063.179**	324.057* 1063.177**	-.00089
03-05020	321.860* 1055.969**	321.859* 1055.967**	-.00050
03-02130	317.494* 1041.644**	317.494* 1041.645**	.00040

COPY

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
03-02125	317.158* 1040.541**	317.157* 1040.538**	-.00107
P-1296	315.436* 1034.894**	315.435* 1034.891**	-.00108
03-02100	315.265* 1034.333**	315.265* 1034.332**	-.00030
03-02070	313.406* 1028.232**	313.405* 1028.228**	-.00124
03-02040	311.625* 1022.389**	311.623* 1022.384**	-.00130
03-01980	308.566* 1012.354**	308.566* 1012.354**	-.00015
03-04845	309.738* 1016.200**	309.739* 1016.201**	.00026
03-04855	312.865* 1026.459**	312.866* 1026.460**	.00031
03-04870	315.505* 1035.118**	315.504* 1035.117**	-.00033
03-04889	318.753* 1045.775**	318.753* 1045.774**	-.00038
03-04900	319.907* 1049.561**	319.907* 1049.561**	-.00005
03-06770	323.314* 1060.739**	323.314* 1060.739**	-.00005

COPY

LOOP B

FB: 1007 PG: 31

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
03-02100	315.265* 1034.333**	315.265* 1034.332**	-.00030
C-10	312.056* 1023.805**	312.056* 1023.805**	.00004
C-9	307.921* 1010.236**	307.921* 1010.239**	.00073
C-8	305.401* 1001.969**	305.401* 1001.970**	.00033
C-7	302.610* 992.812**	302.611* 992.816**	.00128
C-6	300.560* 986.088**	300.563* 986.097**	.00270
03-02760	297.458* 975.911**	297.460* 975.917**	.00165
03-02731A	0.000* 0.000**	297.038* 974.532**	0.00000
03-02705	295.893* 970.776**	295.895* 970.782**	.00191
03-02694A	0.000* 0.000**	295.189* 968.466**	0.00000
03-02684	293.788* 963.869**	293.791* 963.879**	.00316
03-02670A	0.000* 0.000**	292.824* 960.707**	0.00000

COPY

FB: 1007 PG: 132

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
03-04770	295.485* 969.437**	295.488* 969.447**	.00289
03-04778	296.667* 973.314**	296.670* 973.325**	.00324
03-04793	299.513* 982.651**	299.515* 982.659**	.00233
03-04808A	302.117* 991.194**	302.119* 991.202**	.00241
03-04815	303.094* 994.400**	303.095* 994.404**	.00121
03-04830	305.631* 1002.725**	305.631* 1002.724**	-.00014
03-01980	308.566* 1012.354**	308.566* 1012.354**	-.00015

COPY

LOOP C

FB: 1007 PG: 133

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
03-02130	317.494* 1041.644**	317.494* 1041.645**	.00040
03-02160	319.518* 1048.284**	319.519* 1048.288**	.00108
03-02195	320.226* 1050.610**	320.228* 1050.614**	.00128
03-02220A	321.836* 1055.891**	321.838* 1055.897**	.00169
03-02251	323.163* 1060.245**	323.164* 1060.246**	.00037
03-05425	318.860* 1046.127**	318.861* 1046.128**	.00048
03-05400A	314.866* 1033.023**	314.866* 1033.023**	.00009
03-05370	312.856* 1026.429**	312.856* 1026.428**	-.00004
03-02852	309.973* 1016.970**	309.974* 1016.973**	.00104
03-05330	308.676* 1012.716**	308.677* 1012.718**	.00065
03-02819	304.913* 1000.368**	304.915* 1000.375**	.00234
03-02795	302.309* 991.824**	302.311* 991.832**	.00232

COPY

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
03-02790A	299.478* 982.538**	299.481* 982.547**	.00271
03-02760	297.458* 975.911**	297.460* 975.917**	.00165

COPY

LOOP D

FB: 1007 PG: 135

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
03-02760	297.458* 975.911**	297.460* 975.917**	.00165
C-5	295.386* 969.112**	295.389* 969.122**	.00308
C-4	293.031* 961.385**	293.034* 961.396**	.00328
C-3	293.414* 962.643**	293.418* 962.656**	.00390
C-2	292.665* 960.184**	292.666* 960.188**	.00144
C-1	291.301* 955.709**	291.304* 955.720**	.00330
03-08630	289.522* 949.874**	289.524* 949.880**	.00184
C-11	287.485* 943.190**	287.487* 943.197**	.00213
03-08600	285.987* 938.275**	285.990* 938.286**	.00313
03-04650	282.736* 927.610**	282.741* 927.626**	.00488
03-04660	283.831* 931.203**	283.836* 931.219**	.00478
03-04680	286.344* 939.445**	286.348* 939.460**	.00445

COPY

FB: 1007 PG: 136

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
03-04713	290.650* 953.574**	290.654* 953.587**	.00414
03-02670A	0.000* 0.000**	292.824* 960.707**	0.00000

COPY

FB: 1007 PG: 137

LOOP E

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
03-05330	308.676* 1012.716**	308.677* 1012.718**	.00065
03-05318	307.209* 1007.903**	307.211* 1007.908**	.00155
03-05251	295.789* 970.435**	295.793* 970.447**	.00369
03-05221	293.754* 963.759**	293.760* 963.777**	.00536
03-05192	291.127* 955.139**	291.132* 955.156**	.00523
03-05158	289.285* 949.096**	289.291* 949.114**	.00561
03-05129	286.097* 938.638**	286.104* 938.660**	.00677
03-08725A	285.899* 937.988**	285.905* 938.007**	.00579
03-08695	286.682* 940.556**	286.688* 940.574**	.00540
03-08670	288.693* 947.153**	288.696* 947.162**	.00261
03-08650	287.913* 944.593**	287.915* 944.601**	.00255
03-08630	289.522* 949.874**	289.524* 949.882**	.00230

COPY

LOOP F

FB: 1007 PG: 38

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
03-05129	286.097* 938.638**	286.104* 938.660**	.00667
04-02975	284.404* 933.083**	284.412* 933.108**	.00765
04-00300	283.162* 929.006**	283.169* 929.031**	.00764
04-00240	280.076* 918.883**	280.083* 918.907**	.00715
04-00225	278.819* 914.758**	278.826* 914.782**	.00730
04-02176	277.766* 911.302**	277.772* 911.325**	.00676
04-02170	278.375* 913.303**	278.383* 913.330**	.00824
03-03190	278.761* 914.568**	278.769* 914.593**	.00765
03-03180	278.796* 914.684**	278.803* 914.707**	.00698
03-03125	279.589* 917.285**	279.596* 917.307**	.00654
03-03090	278.615* 914.091**	278.620* 914.107**	.00492
C-14	0.000* 0.000**	280.007* 918.658**	0.00000

COPY

FB: 1007 PG: 139

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
C-13	0.000* 0.000**	283.241* 929.266**	0.00000
C-12	0.000* 0.000**	286.453* 939.805**	0.00000
C-11	287.485* 943.190**	287.487* 943.197**	.00200

COPY

LOOP H

FB: 1007 PG: 140

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
03-03090	278.615* 914.091**	278.620* 914.106**	.00457
03-03082	278.835* 914.811**	278.839* 914.824**	.00399
03-03060	276.833* 908.244**	276.837* 908.256**	.00350
03-03045	275.824* 904.933**	275.828* 904.945**	.00379
03-03022	274.523* 900.664**	274.526* 900.674**	.00314
03-03020	274.234* 899.717**	274.238* 899.729**	.00372
08-10981	271.654* 891.250**	271.659* 891.267**	.00531
08-13050	275.156* 902.742**	275.161* 902.757**	.00467
03-04625	277.340* 909.907**	277.345* 909.923**	.00491
03-04620	279.244* 916.152**	279.248* 916.166**	.00424
03-04640	281.506* 923.575**	281.510* 923.587**	.00366
03-04650	282.736* 927.610**	282.741* 927.626**	.00488

COPY

LOOP G

FB: 1007 PG: 121

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
03-01980	308.566* 1012.354**	308.566* 1012.354**	-.00015
03-01930	307.934* 1010.279**	307.934* 1010.279**	-.00012
03-01890	304.803* 1000.006**	304.805* 1000.013**	.00204
03-01830	301.788* 990.116**	301.788* 990.117**	.00052
03-01800	298.456* 979.183**	298.458* 979.191**	.00242
03-01770	296.370* 972.342**	296.373* 972.350**	.00270
03-01710	290.535* 953.198**	290.540* 953.212**	.00408
03-01685	286.806* 940.962**	286.811* 940.980**	.00542
08-26160	278.855* 914.878**	278.861* 914.898**	.00612
08-26130A	279.639* 917.449**	279.645* 917.468**	.00582
08-26060	280.358* 919.808**	280.366* 919.834**	.00812
08-26070	276.259* 906.360**	276.267* 906.387**	.00829

COPY

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
08-26001	273.833* 898.401**	273.843* 898.433**	.00994
08-29830	268.713* 881.602**	268.722* 881.632**	.00901
08-29842	267.430* 877.395**	267.439* 877.423**	.00877
08-29855	265.903* 872.384**	265.912* 872.413**	.00877
08-07055	263.199* 863.513**	263.208* 863.543**	.00898
08-07065	262.113* 859.950**	262.123* 859.982**	.00980
08-07075	263.379* 864.102**	263.386* 864.126**	.00736
08-07115	265.679* 871.649**	265.685* 871.669**	.00633
08-07130	265.031* 869.523**	265.039* 869.548**	.00769
08-01770	271.043* 889.246**	271.048* 889.264**	.00567
08-07200	275.876* 905.102**	275.881* 905.121**	.00582
08-07259	281.145* 922.391**	281.151* 922.409**	.00540

COPY

	1982 ADJ MTRS* 1982 ADJ FEET**	1984 ADJ MTRS* 1984 ADJ FEET**	CHANGE MTR 84-82
08-07280	284.077* 932.009**	284.082* 932.026**	.00522
03-02545	285.678* 937.262**	285.684* 937.280**	.00558
03-02550	287.128* 942.020**	287.133* 942.037**	.00514
03-02560	288.958* 948.023**	288.963* 948.038**	.00468
03-02581	290.664* 953.622**	290.669* 953.636**	.00430
03-02640	290.785* 954.016**	290.789* 954.029**	.00390
03-02655	291.815* 957.397**	291.819* 957.409**	.00357
03-02670A	0.000* 0.000**	292.824* 960.707**	0.00000

COPY

CO ENG FB 3671-117
FB:1007PG: 143

SAMPLE FIELD NOTES

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R. CLARK WILSON INC.

PAGE

SECTION DATA

84/04/19 08:10:37 C10603-01685 08-26160 FWD/2/1 LWJ/RCW
84/04/19 08:39:46 CLOSE TIME CLOSE TEMP
*
C106:V106:T9A

39.6	58.55	360.11	217.8	236.93	538.48	.4	36.8	36.4	
1 0	0.00	-.10	-.10	.4	73.2	-1.78375		-1.78375	08:13:
*									
50.9	68.07	369.61	204.7	222.23	523.80	-.4	34.2	34.6	
2 0	0.00	.30	.20	0.0	142.0	-1.54175		-3.32550	08:16:4
*									
40.8	57.42	358.96	217.0	233.74	535.31	.4	32.4	32.0	
3 0	0.00	.30	.50	.4	206.4	-1.76335		-5.08885	08:20:
*									
52.9	74.78	376.32	190.7	212.82	514.37	-.4	42.2	42.6	
4 0	0.00	.10	.60	0.0	291.2	-1.38045		-6.46930	08:23:
*									
62.2	86.14	387.68	148.7	172.01	473.56	1.0	47.6	46.6	
5 0	0.00	.10	.70	1.0	385.4	-.85875		-7.32805	08:27:
*									
111.7	130.85	432.40	156.0	174.08	475.64	.6	36.6	36.0	
6 0	0.00	.10	.80	1.6	458.0	-.43235		-7.76040	08:31:
*									
118.4	134.99	436.54	143.2	159.49	461.03	-.4	31.2	31.6	
7 0	0.00	-.10	.70	1.2	520.8	-.24495		-8.00535	08:34:
*									
132.5	149.46	451.00	126.2	143.91	445.46	-.6	33.0	33.6	
8 0	0.00	.10	.80	.6	587.4	.05545		-7.94990	08:39:
*									

SECTION TOTAL

SECTION K'MTRS	0.587	BALANCE:METERS	0.6	AVG SIGHT:METERS	36.
NUMBER OF SETUPS	8	NUMBER OF REJ SETUPS	0	ACC'M DDH:mm	00.8
SECT MTRS	-7.94990	MEAN TEMPERATURE	15.8		
TEMP CORR MTRS	-7.94987	TEMP & EX CORR MTRS	-7.94970		

END SECTION

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SECTION DATA

84/04/19 08:41:19 C10708-26160 08-26130A FWD/2/1 LWJ/RCW
84/04/19 08:56:10 CLOSE TIME CLOSE TEMP
*
C107:V107:T9A

07.0	131.31	432.85	114.0	138.53	440.10	0.0	48.0	48.0	
1 0	0.00	.30	.30	0.0	96.0	-.07235		-.07235	08:44:
*									
143.1	163.17	464.74	107.6	127.85	429.39	1.0	39.8	38.8	
2 0	0.00	-.30	0.00	1.0	174.6	.35335		.28100	08:48:

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```
    *
157.2  172.72  474.27  137.0  152.17  453.73   -.4  29.6  30.0
 3  0    0.00    .10    .10     .6   234.2     .20545      .48645    08:53:06
    *
148.0  150.23  451.78  117.8  120.51  422.05   -.4   4.0   4.4
 4  0    0.00   -.10    0.00    .2   242.6     .29725      .78370    08:56:04
    *
```

SECTION TOTAL

SECTION K'MTRS	0.243	BALANCE:METERS	0.2	AVG SIGHT:METERS	30.3
NUMBER OF SETUPS	4	NUMBER OF REJ SETUPS	0	ACC'M DDH:mm	00.00
SECT MTRS	.78370	MEAN TEMPERATURE	16.1		
TEMP CORR MTRS	.78370	TEMP & EX CORR MTRS	.78368		

END SECTION

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SECTION DATA

```
84/04/19 08:57:17  C10808-26130A      08-26060          FWD/2/1  LWJ/RCW    61
84/04/19 09:24:10    CLOSE TIME                          CLOSE TEMP          64
*
C108:V108:T9A
101.0  107.08  408.64  136.7  143.35  444.90   -.6  12.0  12.6
 1  0    0.00   -.10   -.10    -.6    24.6    -.36265     -.36265    08:58:36
    *
 67.8  186.92  488.47  101.7  120.25  421.81   -.2  36.4  36.6
 2  0    0.00    .10    0.00   -.8    97.6     .66665      .30400    09:02:00
    *
129.1  149.40  450.94  101.2  122.71  424.26  -1.8  39.8  41.6
 3  0    0.00    .10    .10   -2.6   179.0     .26685      .57085    09:05:56
    *
158.2  182.26  483.80  120.4  144.64  446.19    .4  47.6  47.2
 4  1     .40    .10    .20   -2.2   273.8     .37615      .94700    09:12:25
    **REJECTED SET UP-HIGH DDH
    *
144.3  157.98  459.51  126.4  139.49  441.04    .2  25.4  25.2
 5  1    0.00    .20    .40   -2.0   324.4     .18480     1.13180    09:16:22
    *
123.3  148.96  450.50  164.7  189.99  491.54    .8  49.4  48.6
 6  1    0.00    .10    .50   -1.2   422.4    -.41035      .72145    09:24:06
    *
```

SECTION TOTAL

SECTION K'MTRS	0.422	BALANCE:METERS	-1.2	AVG SIGHT:METERS	35.2
NUMBER OF SETUPS	6	NUMBER OF REJ SETUPS	1	ACC'M DDH:mm	00.50
SECT MTRS	.72145	MEAN TEMPERATURE	16.9		
TEMP CORR MTRS	.72145	TEMP & EX CORR MTRS	.72143		

END SECTION

R. CLARK WILSON INC.

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SECTION DATA

COPY

84/04/19 09:26:13 C10908-26060 08-26070 FWD/2/1 LWJ/RCW 64
84/04/19 09:43:45 CLOSE TIME CLOSE TEMP 64

C109:V109:T9A

127.5	149.40	450.95	202.0	223.32	524.86	1.0	43.0	42.0		
1	0	0.00	-.10	-.10	1.0	85.0	-.73915		-.73915	09:31:03
	*									
47.2	66.73	368.25	220.9	240.64	542.19	-.6	37.6	38.2		
2	1	.50	.30	.20	.4	160.8	-1.73925		-2.47840	09:36:27
	**REJECTED SET UP-HIGH DDH									
	*									
95.9	105.54	407.09	169.7	179.79	481.34	-.4	18.2	18.6		
3	1	0.00	0.00	.20	0.0	197.6	-.74250		-3.22090	09:39:52
	*									
121.3	128.38	429.93	209.5	216.17	517.73	.4	13.4	13.0		
4	1	0.00	.10	.30	.4	224.0	-.87795		-4.09885	09:43:40
	*									

SECTION TOTAL

SECTION K'MTRS	0.224	BALANCE:METERS	0.4	AVG SIGHT:METERS	28.0
NUMBER OF SETUPS	4	NUMBER OF REJ SETUPS	1	ACC'M DDH:mm	00.30
SECT MTRS	-4.09885	MEAN TEMPERATURE	17.8		
TEMP CORR MTRS	-4.09884	TEMP & EX CORR MTRS	-4.09875		

END SECTION

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SECTION DATA

84/04/19 09:45:15 C11008-26070 08-26001 FWD/2/1 LWJ/RCW 64
84/04/19 10:11:09 CLOSE TIME CLOSE TEMP 67
*
C110:V110:T9A

150.0	167.88	469.42	152.0	169.24	470.80	0.0	34.0	34.0		
1	1	.40	.20	.20	0.0	68.0	-.01370		-.01370	09:48:14
	**REJECTED SET UP-HIGH DDH									
	*									
94.9	117.15	418.70	173.2	195.52	497.10	.6	44.2	43.6		
2	1	0.00	.30	.50	.6	155.8	-.78385		-.79755	09:52:38
	*									
125.2	148.37	449.92	154.2	177.14	478.72	0.0	45.6	45.6		
3	1	0.00	.30	.80	.6	247.0	-.28785		-1.08540	09:57:11
	*									
94.6	112.55	414.09	155.0	172.52	474.05	.8	34.8	34.0		
4	1	0.00	-.10	.70	1.4	315.8	-.59965		-1.68505	10:00:59
	*									
113.7	130.99	432.54	151.2	167.42	468.99	1.0	32.6	31.6		
5	1	0.00	.20	.90	2.4	380.0	-.36440		-2.04945	10:04:41
	*									
127.9	136.35	437.89	164.2	173.80	475.35	-1.4	16.2	17.6		
6	1	0.00	.10	1.00	1.0	413.8	-.37455		-2.42400	10:10:55
	*									

SECTION TOTAL

SECTION K'MTRS	0.414	BALANCE:METERS	1.0	AVG SIGHT:METERS	34.5
NUMBER OF SETUPS	6	NUMBER OF REJ SETUPS	1	ACC'M DDH:mm	01.00

SECT MTRS -2.42400 MEAN TEMPERATURE 18.6
TEMP CORR MTRS -2.42400 TEMP & EX CORR MTRS -2.42395
END SECTION

R. CLARK WILSON INC.

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SECTION DATA

84/04/19 10:14:36 C11108-26001 08-29830 FWD/2/1 RCW/LWJ 66
84/04/19 10:54:40 CLOSE TIME CLOSE TEMP 68
*
C111:V111:T9A

113.2	123.42	424.97	183.2	193.57	495.12	0.0	19.6	19.6	
1	0	0.00	0.00	0.00	0.0	39.2	-.70150	-.70150	10:16:08
	*								
93.5	107.81	409.36	200.5	214.74	516.27	0.0	27.0	27.0	
2	0	0.00	-.20	-.20	0.0	93.2	-1.06920	-1.77070	10:19:23
	*								
108.4	125.68	427.23	171.7	188.59	490.14	.6	33.2	32.6	
3	1	.40	0.00	-.20	.6	159.0	-.62910	-2.39980	10:24:06
	**REJECTED SET UP-HIGH DDH								
	*								
104.0	120.21	421.76	188.0	205.34	506.91	-2.0	32.0	34.0	
4	3	.60	.20	0.00	-1.4	225.0	-.85140	-3.25120	10:34:17
	**REJECTED SET UP-HIGH DDH								
	*								
23.0	139.23	440.78	165.0	180.55	482.08	2.0	32.0	30.0	
5	3	0.00	-.20	-.20	.6	287.0	-.41310	-3.66430	10:42:09
	*								
116.5	130.36	431.91	168.5	182.67	484.22	0.0	27.0	27.0	
6	3	0.00	0.00	-.20	.6	341.0	-.52310	-4.18740	10:45:18
	*								
128.7	140.01	441.58	163.4	175.48	477.02	-.6	22.6	23.2	
7	3	0.00	-.30	-.50	0.0	386.8	-.35455	-4.54195	10:49:00
	*								
85.0	100.27	401.83	144.0	158.19	459.74	2.0	30.0	28.0	
8	4	.40	-.10	-.60	2.0	444.8	-.57915	-5.12110	10:54:32
	**REJECTED SET UP-HIGH DDH								
	*								

SECTION TOTAL

SECTION K'MTRS 0.445 BALANCE:METERS 2.0 AVG SIGHT:METERS 27.8
NUMBER OF SETUPS 8 NUMBER OF REJ SETUPS 4 ACC'M DDH:mm -0.60
SECT MTRS -5.12110 MEAN TEMPERATURE 19.4
TEMP CORR MTRS -5.12110 TEMP & EX CORR MTRS -5.12099
END SECTION

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SECTION DATA

84/04/19 10:56:48 C11208-29830 08-29842 FWD/2/1 RCW/LWJ 68
84/04/19 11:09:49 CLOSE TIME CLOSE TEMP 66
*

```
C112:V112:T9A
130.5  140.12  441.66  136.5  146.87  448.41   0.0  19.0  19.0
   0    0.00    0.00   0.00    0.0    38.0   -.06750    -.06750     10:58:20
   *
 99.0  118.21  419.77  145.5  165.24  466.79  -1.0  38.0  39.0
 2 1     .40    -.10   -.10   -1.0    115.0   -.47025    -.53775     11:03:28
   **REJECTED SET UP-HIGH DDH
   *
108.0  122.83  424.38  163.0  177.20  478.74   0.0  28.0  28.0
 3 1    0.00    -.10   -.20   -1.0    171.0   -.54365   -1.08140     11:06:45
   *
127.0  140.35  441.92  148.0  160.48  462.02   2.0  26.0  24.0
 4 1    0.00    -.30   -.50    1.0    221.0   -.20115   -1.28255     11:09:42
   *
```

SECTION TOTAL

SECTION K'MTRS	0.221	BALANCE:METERS	1.0	AVG SIGHT:METERS	27.6
NUMBER OF SETUPS	4	NUMBER OF REJ SETUPS	1	ACC'M DDH:mm	-0.50
SECT MTRS	-1.28255	MEAN TEMPERATURE	19.4		
TEMP CORR MTRS	-1.28255	TEMP & EX CORR MTRS	-1.28252		

END SECTION

R. CLARK WILSON INC.

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SECTION DATA

```
84/04/19 11:11:43  C11308-29842        08-29855          FWD/2/1  RCW/LWJ    66
84/04/19 11:22:49    CLOSE TIME                          CLOSE TEMP          68
*
C113:V113:T9A
112.5  127.48  429.02  149.7  164.95  466.52    .4  29.0  28.6
 1 0    0.00     .30     .30     .4    57.6   -.37485    -.37485     11:13:09
   *
101.0  117.28  418.83  171.5  188.10  489.64  -1.0  32.0  33.0
 2 0    0.00    -.10     .20    -.6    122.6   -.70815   -1.08300     11:16:38
   *
143.7  150.11  451.66  163.7  170.57  472.12   0.0  12.6  12.6
 3 0    0.00    0.00     .20    -.6    147.8   -.20460   -1.28760     11:19:20
   *
137.0  147.05  448.60  161.7  171.01  472.57   1.4  20.0  18.6
 4 0    0.00     .10     .30     .8    186.4   -.23965   -1.52725     11:22:40
   *
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SECTION TOTAL

SECTION K'MTRS	0.186	BALANCE:METERS	0.8	AVG SIGHT:METERS	23.3
NUMBER OF SETUPS	4	NUMBER OF REJ SETUPS	0	ACC'M DDH:mm	00.30
SECT MTRS	-1.52725	MEAN TEMPERATURE	19.4		
TEMP CORR MTRS	-1.52725	TEMP & EX CORR MTRS	-1.52722		

END SECTION

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SECTION DATA