Notes Ck'd by	Survey of	F.B. 3203 Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

Page	Job	Description
		WHITES CN. RD. J.N. 0095.39
5-6	Index	
7-39	Cont.	Flight control points.
41-44	Zone 7	Cadastral ties to establish Zone 7 for Vasquez Canyon Rd. photo control
45-91	B.M.	Levels for flight control.
93-248	Prof.	Topog. check of aerial map.

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7P2008 CT #310 8-68

microfilmed. June 85

Notes Ck'd by	Survey of Whites Cyn Rd	F. B. 3203	PG. 5
Map No.	JN 009539 Tape 143 Std 84 °F		
Office Work	Surveyed by W J Voge		
Checked	Notes Voge Date 8.24.64		
Date	Indexed		

WHITES CYN. RD.

JN 009539

References Used:

FB 2907
FB 1872
FB 2457
FB G-1026

Party:

W. Voge
J. Fulton
R. Strader
H. Rangel
J. Boots

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76F309S CE # 310 3-61

(INDEX)
F. B. 3203 PG. 6
Vasquez Gn. Rd.
Plum Gn.
Bouquet Gn. Road
Whites Gn.
"D" Line
"P" Line
"T" Line
Sec. Cor.
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Notes Ck'd by F. CESSOR	Survey of Whites Cyn Rd
Map No.	JN 009539 Tape 143 Std 84 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 7-2-64
Date	Indexed E. J. GALLI JUL 27 '64

F. B. 3203 PG. 7

T @ TC-1

H.I. = 4.84

Sight on W-2
Rod = 2.00 @ + 4°15'30"
Rod = 8.00 @ + 4°24'45"

Sight on TC-2
Rod = 2.00 @ + 5°01'00"
Rod = 8.00 @ + 5°18'15"

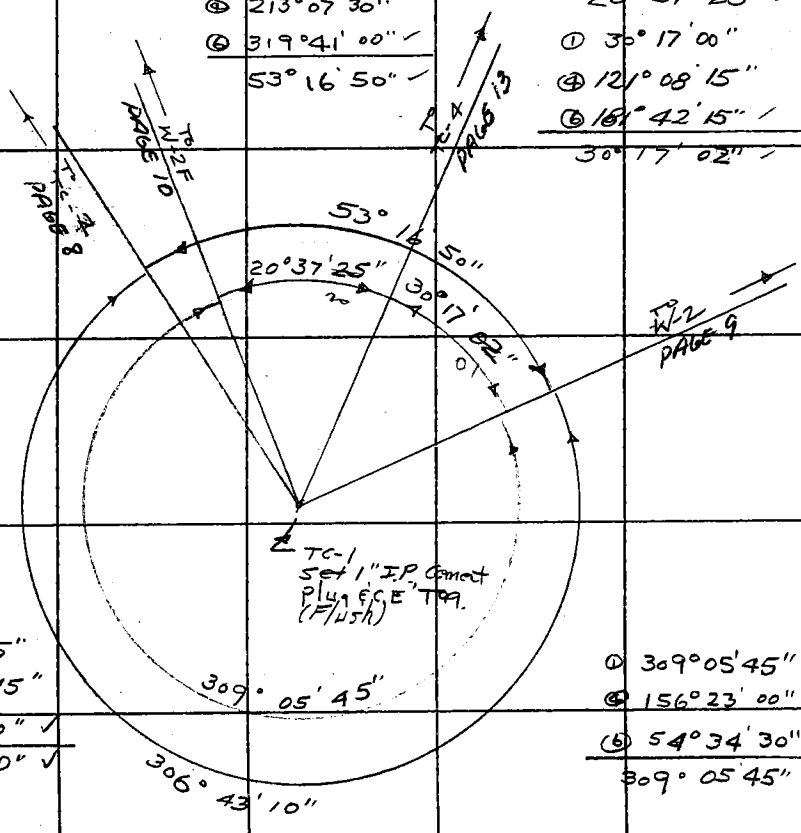
Sight on W-2F
Rod = 2.00 @ + 7°03'07"
Rod = 8.00 @ + 7°10'52"

Sight on TC-4
Rod = 2.00 @ + 7°07'30"
Rod = 8.00 @ + 7°14'00"

① 20°37'30"
② 82°29'45"
⑥ 123°44'30" ✓
20°37'25" ✓

① 30°17'00"
② 121°08'15"
⑥ 151°42'15" ✓
30°17'02" ✓

① 53°17'00"
② 213°07'30"
⑥ 319°41'00" ✓
53°16'50" ✓



① 306°43'15"
② 146°52'45"
⑥ 40°19'00" ✓
306°43'10" ✓

① 309°05'45"
② 156°23'00"
⑥ 54°34'30" ✓
309°05'45" ✓

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76F309S CE # 310 3-61

F. B. 3203 PG. 8

T @ TC-2

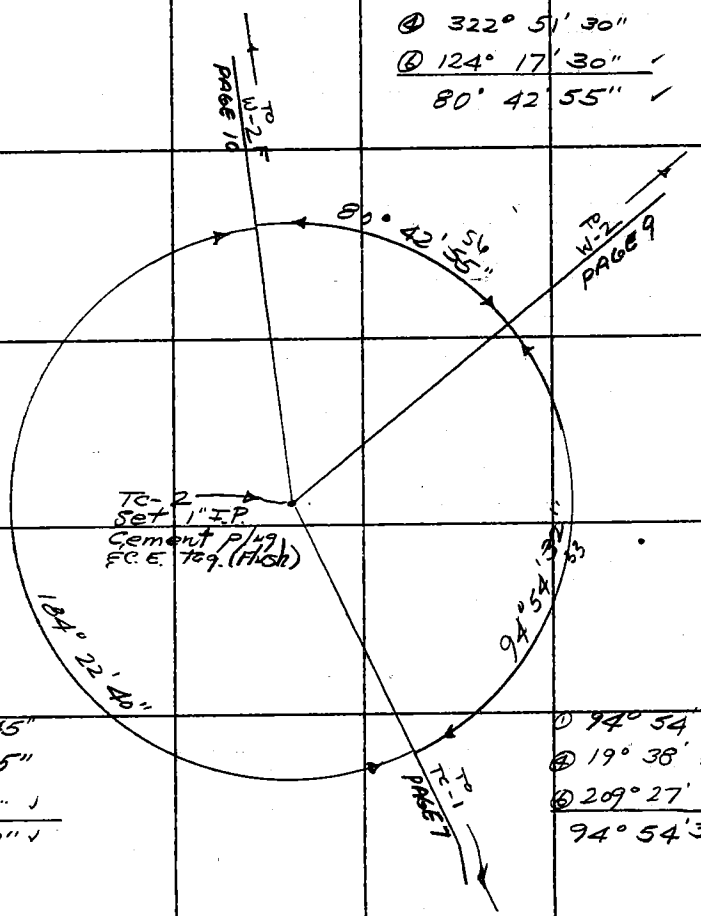
H.I. = 4.97

Sight on TC-1
Rod= 2.00 @ − 5°18'15"
Rod= 4.00 @ − 5°13'00"

Sight on W-2
Rod= 8.00 @ + 2°06'00"
Rod= 10.00 @ + 2°10'15"

Sight on W-2F
Rod= 2.00 @ + 8°37'45"
Rod= 4.00 @ + 8°41'45"

① 80° 43' 00"
② 322° 51' 30"
③ 124° 17' 30" ✓
80° 42' 55" ✓



① 184° 22' 45"
② 17° 30' 45"
③ 26° 16' 00" ✓
184° 22' 40" ✓

① 94° 54' 30"
② 19° 38' 15"
③ 209° 27' 15" ✓
94° 54' 32" ✓

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Notes Ck'd by F. CESSOR	Survey of Whites Gyn Rd.
Map No.	JN 0095.39 Tape 143 Std. 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 7-2-64
Date	Indexed W. J. GAUM

F. B. 3203 PG. 9

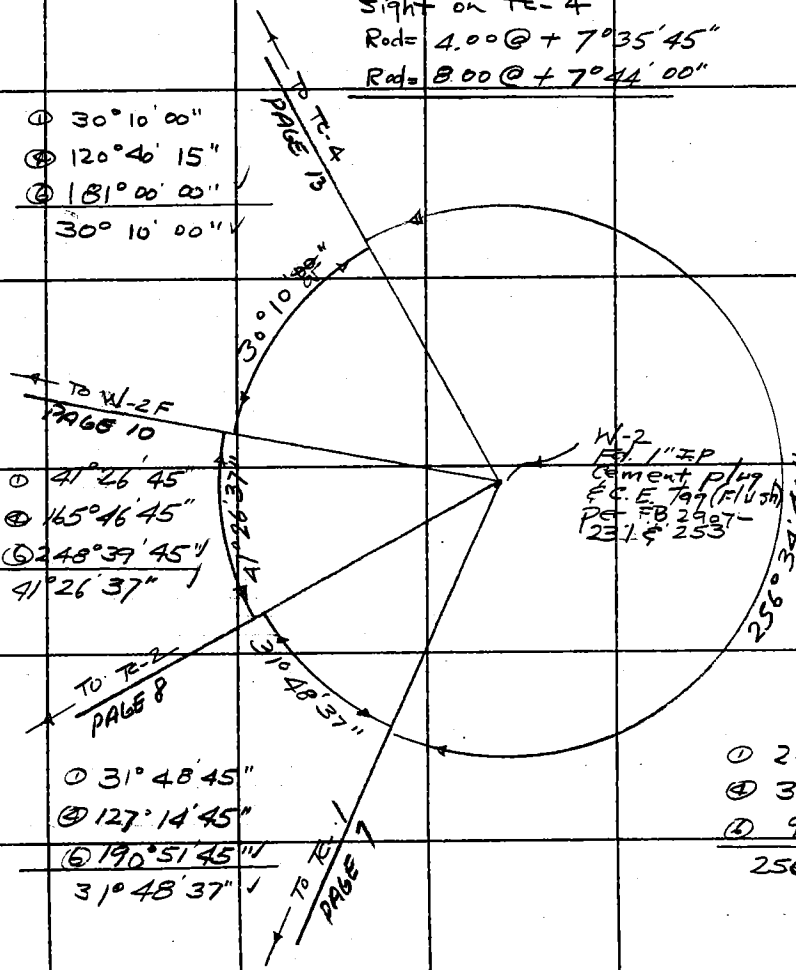
T @ W-2

H.I. = 5.05

Sight on TC-1
Rod = 2.00 @ − 4°24'30"
Rod = 8.00 @ − 4°15'45"

Sight on TC-2
Rod = 4.00 @ − 2°02'00"
Rod = 8.00 @ − 1°54'30"

Sight on TC-4
Rod = 4.00 @ + 7°35'45"
Rod = 8.00 @ + 7°44'00"



① 30°10'00"
④ 120°46'15"
⑥ 181°00'00"
30°10'00"

① 41°26'45"
④ 165°46'45"
⑥ 248°39'45"
41°26'37"

① 31°48'45"
④ 127°14'45"
⑥ 190°51'45"
31°48'37"

① 256°34'30"
④ 306°18'30"
⑥ 99°28'00"
256°34'40"

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76F3095 CE # 310 3-61

F. B. 3203 PG. 10

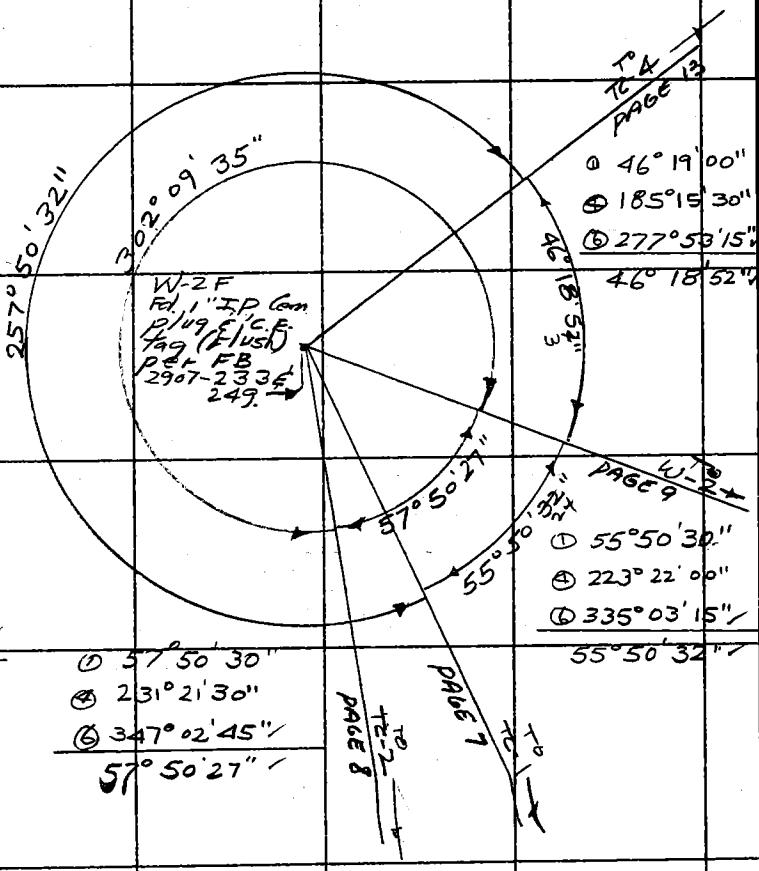
TC W-2 F

H.I. = 4.91

Sight on TC-1
Rod = 2.00 @ −7°10'45"
Rod = 8.00 @ −7°03'15"

Sight on TC-2
Rod = 2.00 @ −8°51'00"
Rod = 8.00 @ −8°37'15"

Sight on TC-4
Rod = 4.00 @ +2°54'30"
Rod = 8.00 @ +3°07'00"



① 302°09'30"
④ 128°38'30"
⑥ 12°57'30"
302°09'35"

① 257°50'30"
④ 311°22'00"
⑥ 107°03'45"
257°50'32"

① 57°50'30"
④ 231°21'30"
⑥ 347°02'45"
57°50'27"

① 46°19'00"
④ 185°15'30"
⑥ 277°53'15"
46°18'52"

① 55°50'30"
④ 223°22'00"
⑥ 335°03'15"
55°50'32"

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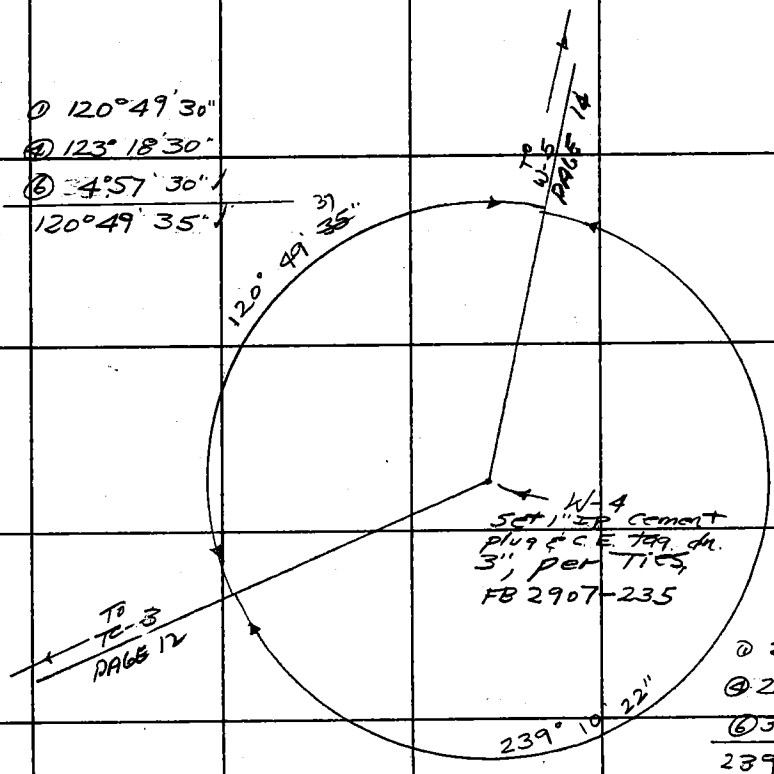
Notes Ck'd by F. CESSOR	Survey of Whites Gyn Rd.
Map No.	JN 009539 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 7-6-64
Date	Indexed E. J. GALLI

F. B. 3203 PG. 11

T @ W-4

H.I. = 10.42

Sight on TC-3
Rod = 4.00 @ - 1°56'15"
Rod = 6.00 @ - 1°52'00"



① 120°49'30"
② 123°18'30"
③ 4°57'30"
120°49'35"

① 239°10'15"
② 236°41'30"
③ 355°02'15"
239°10'22"

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76F309S CE # 310 9-61

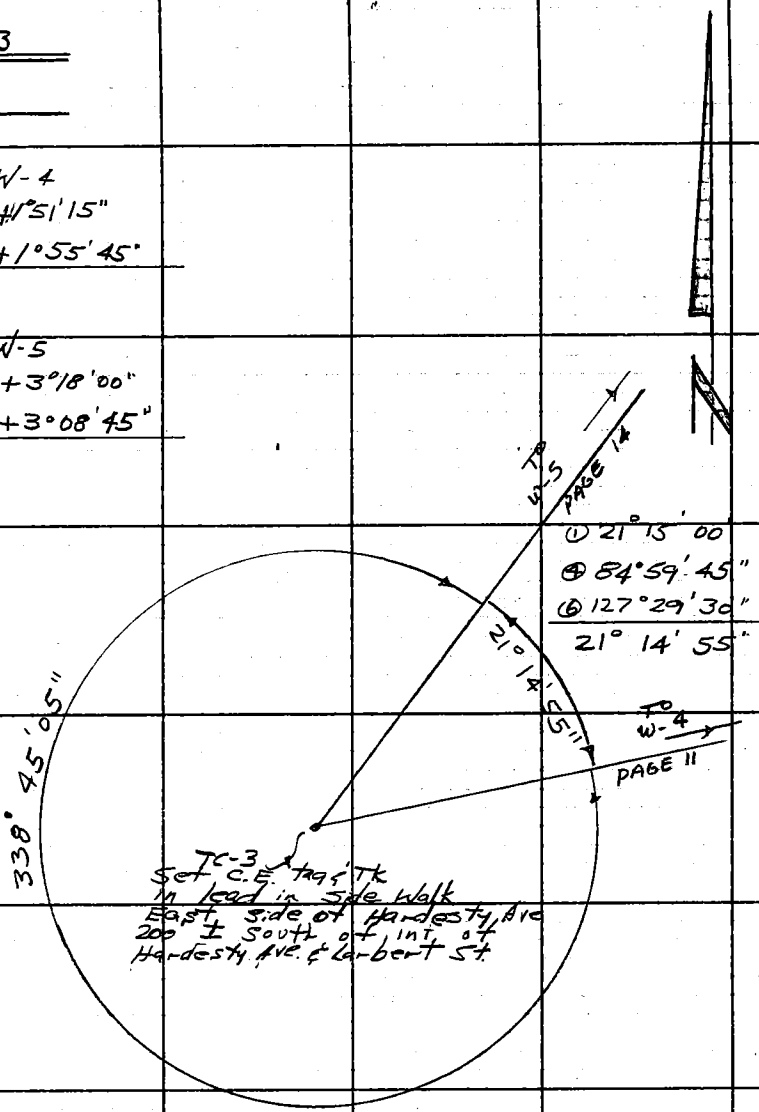
F. B. 3203 PG. 12

T @ TC-3

HI = 5.19

Sight on W-4
Rod = 10.00 @ +1°51'15"
Rod = 12.00 @ +1°55'45"

Sight on W-5
Rod = 8.00 @ +3°18'00"
Rod = 2.00 @ +3°08'45"



① 338°45'00"
④ 275°00'15"
⑥ 232°30'30"
338°45'05"

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Map No.	JN 009539 Tape 143 Std 84 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 7-3-64
Date	Indexed J. GALLI

F. B. 3203 PG. 13

@ TC-4

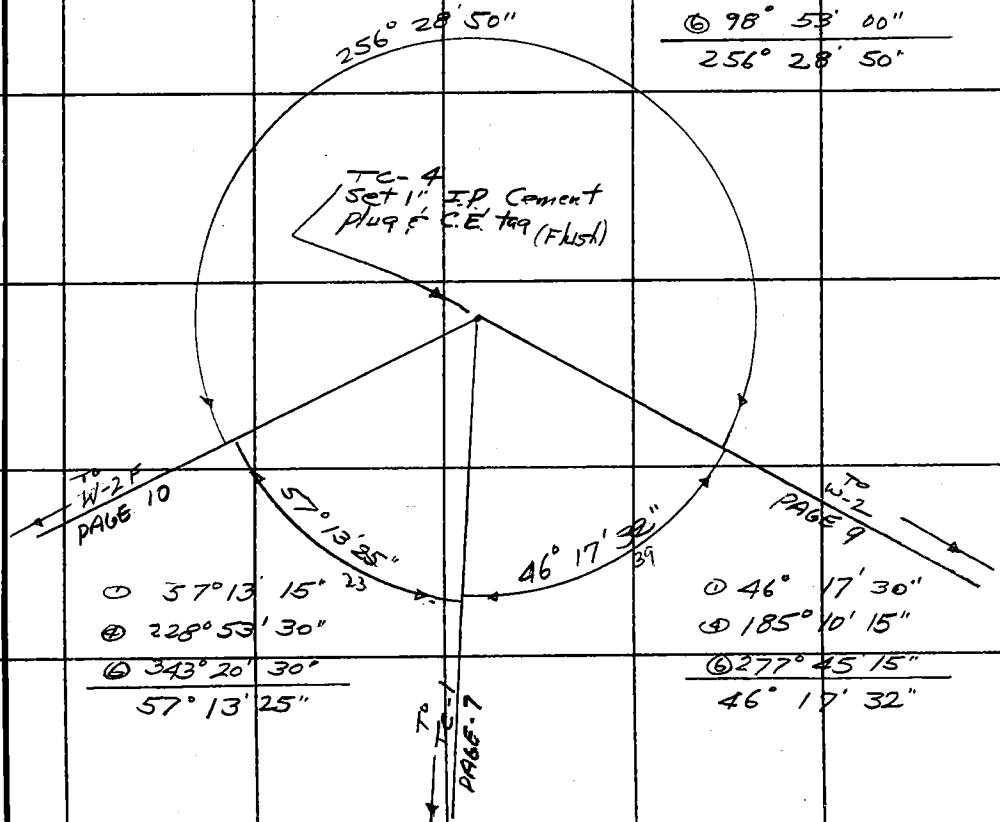
H.I. = 4.99

Sight on TC-1
Rod = 2.00 @ — 7° 14' 45"
Rod = 8.00 @ — 7° 08' 00"

sight on W-2
Rod = 2.00 @ — 7° 45' 00"
Rod = 8.00 @ — 7° 31' 45"

sight on W-2F
Rod = 2.00 @ — 3° 07' 30"
Rod = 8.00 @ — 2° 49' 15"

① 256° 28' 45"
② 305° 55' 00"
③ 98° 53' 00"
256° 28' 50"



① 57° 13' 15"
② 228° 53' 30"
③ 343° 20' 30"
57° 13' 25"

① 46° 17' 30"
② 185° 10' 15"
③ 277° 45' 15"
46° 17' 32"

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

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76F3095 CE # 310 5-61

F. B. 3203 PG. 14

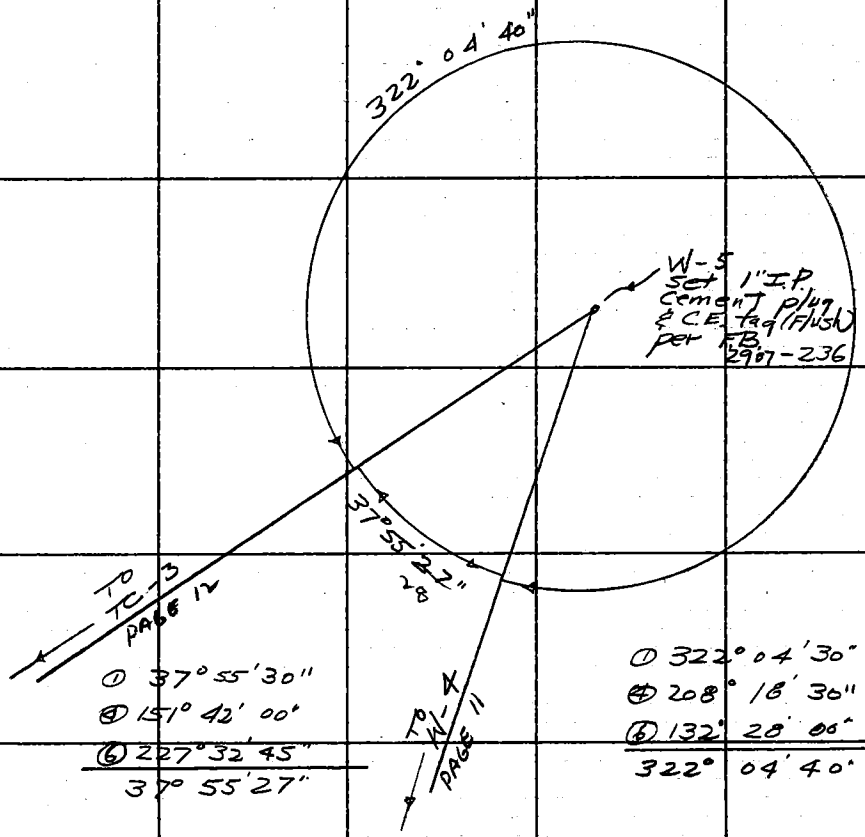
T @ W-5

HI = 5.20

Sight on TC-3

Rod = 4.00 @ −3°16'00"

Rod = 6.00 @ −3°12'15"



① 37°55'30"
④ 151°42'00"
⑥ 227°32'45"
37°55'27"

① 322°04'30"
④ 208°18'30"
⑥ 132°28'00"
322°04'40"

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Profile No.	Notes Red	Plotted	Job No. 0095.39	Division No.
	Date 7-6-64	Date	Survey of Whites Cyn. Rd.	
X-Sec. No.	Notes Chkd.	Checked	Survey by W. J. Voge	Notes Voge Date
	Date	Date	Map No.	Indexed C. J. GALLI Date JUL 27 '64

ELEVATIONS FOR W-4 & W-5
(WHITES CYN. RD. "P"-LINE)

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

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76-L.298 CE 307 3-61

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
BM NC 1026				1685.04	BM NC 1026 Int. of Whites Gn. Rd. & Steinway St., S.W. Cor. to Small bt. Spk. in lead in curb in front of house #19502 per FB 2907-248.	Elev. = 1685.042
	8.66	1693.70				
W-4			5.07	1688.63	W-4 Fd. 1" I.P. cement plug & C.E. tag, dn 3" per FB 2907-235	
	4.91	1693.54				
BM NC 1026			8.50	1685.04	BM NC 1026 (Description above)	Elev. = 1685.042
BM NC 1025				1789.36	BM NC 1025 Fd. L.A. Co. Engr. Brass Cap mon., per FB 2907-247	Elev. = 1789.359
	2.38	1791.74				
TP			11.86	1779.88		
	0.68	1780.56				
TP			11.63	1768.93		
	5.82	1774.75				
W-5			11.25	1763.50	W-5 Fd. 1" I.P. cement plug & C.E. Tag (Flush) per FB 2907-236	
	11.32	1774.82				
TP			0.45	1774.37		
	11.72	1786.09				
TP			1.77	1784.32		
	8.18	1792.50				
BM NC 1025			3.14	1789.36	BM NC 1025 (Description above)	1789.359

F.B. 3203 PG. 16

Job No. 2075.39 Division No. _____ Profile _____ Plotted _____ Notes Red _____

Survey of Whites Gn. Rd. Date 7-6-64 Date _____ No. _____ X-Sec. _____

Survey by W.J. Voge Notes Voge Notes Chkd. _____ Checked _____ Date _____ No. _____

Indexed C. J. GALLI Date _____

Notes Ck'd by	Survey of Whites Gn. Rd
Map No.	JN 0095.39 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 7-8-64
Date	Indexed L. J. GALLI

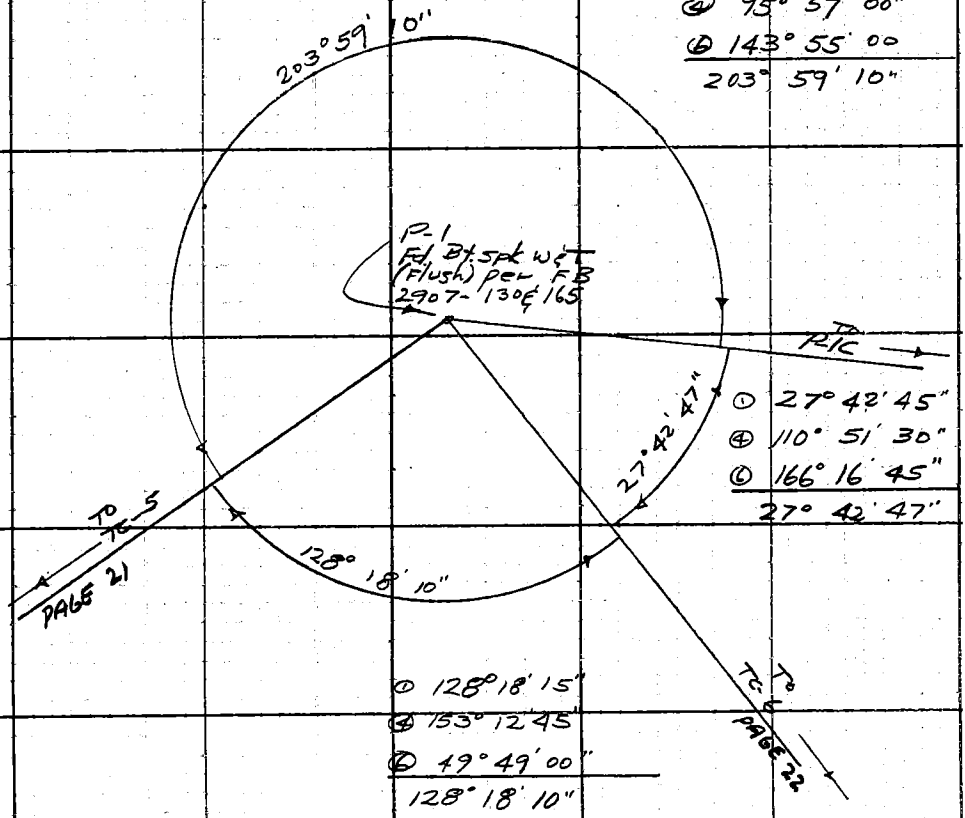
F. B. 3203 PG. 17

TC P-1

H.I = 5.35

Sight on TC-5
Rod = 18.00 @ −0°54'30"
Rod = 5.00 @ −1°26'30"

Sight on TC-6
Rod = 4.00 @ +1°13'30"
Rod = 8.00 @ +1°24'00"



① 203° 59' 15"
② 95° 57' 00"
③ 143° 55' 00"
203° 59' 10"

① 27° 42' 45"
② 110° 51' 30"
③ 166° 16' 45"
27° 42' 47"

① 128° 18' 15"
② 153° 12' 45"
③ 49° 49' 00"
128° 18' 10"

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76F3095 C.E. #310 6-62

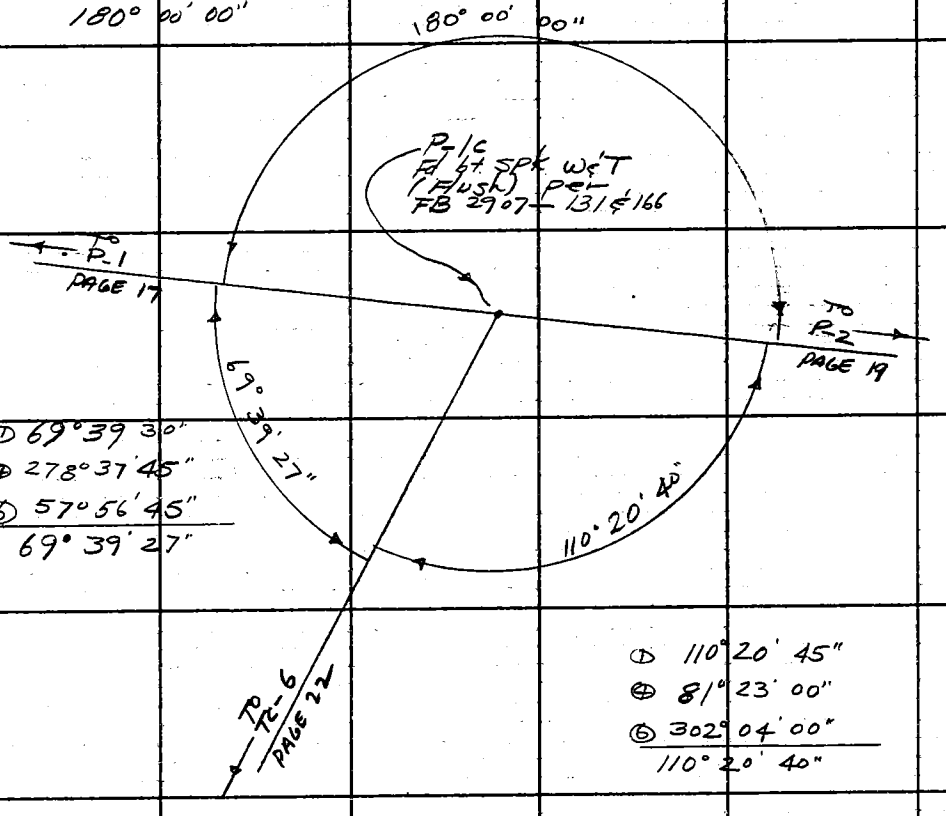
F. B. 3203 PG. 18

T @ P-1C

HI = 5.23

Sight on T-6
Rod = 19.00 @ −0°08′15″
Rod = 6.00 @ −0°26′00″

① 180° 00′ 00″
④ 0° 00′ 00″
⑥ 0° 00′ 00″
180° 00′ 00″



① 69° 39′ 30″
④ 278° 37′ 45″
⑥ 57° 56′ 45″
69° 39′ 27″

① 110° 20′ 45″
④ 81° 23′ 00″
⑥ 302° 04′ 00″
110° 20′ 40″

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Notes Ck'd by	Survey of Whites Gn. Rd.
Map No.	JN 009539 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 7-8-64
Date	Indexed C. J. GALLI

F. B. 3203 PG. 19

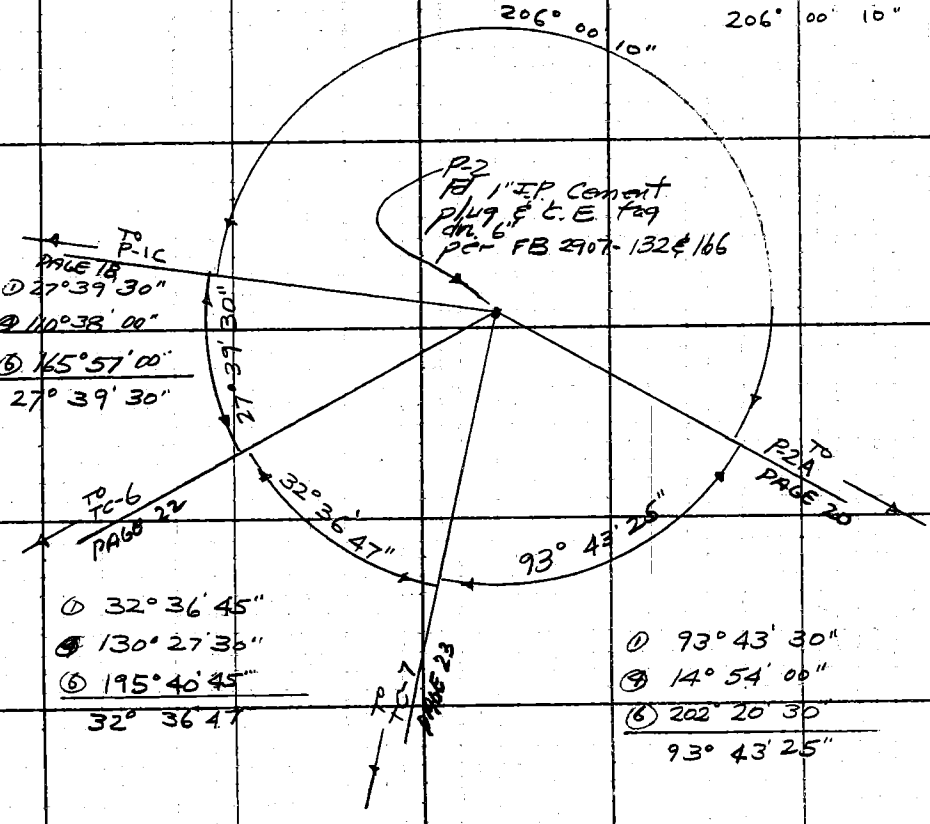
1 @ P-2

H.I. = 5.86

Sight on TC-6
Rod = 4.00 @ − 1° 20' 45"
Rod = 8.00 @ − 1° 09' 15"

Sight on TE-7
Rod = 2.00 @ + 6° 06' 45"
Rod = 8.00 @ + 6° 24' 00"

① 206° 00' 15"
② 104° 01' 00"
⑥ 156° 01' 00"
206° 00' 10"



① 27° 39' 30"
② 110° 38' 00"
⑥ 165° 57' 00"
27° 39' 30"

① 32° 36' 45"
② 130° 27' 36"
⑥ 195° 40' 45"
32° 36' 47

① 93° 43' 30"
② 14° 54' 00"
⑥ 202° 20' 30"
93° 43' 25"

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76F309S C.E. #310 8-62

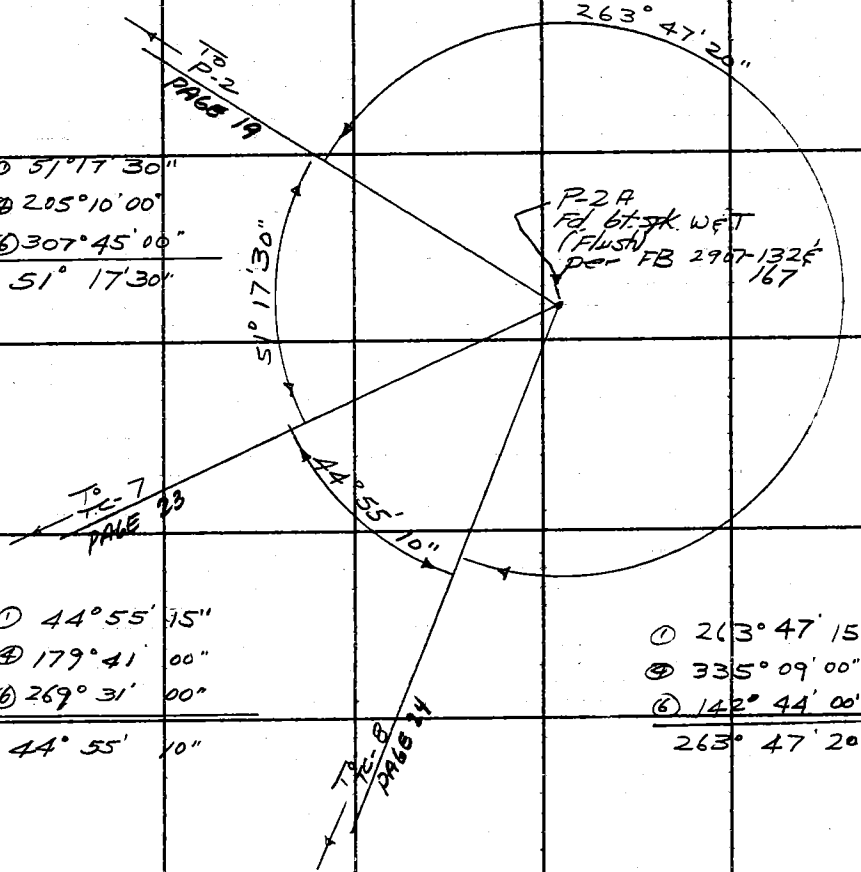
F. B. 3203 PG. 20

T @ P-2 A

H.I = 5.26

Sight on TC-7
Rod = 2.00 @ + 3° 54' 15"
Rod = 8.00 @ + 4° 07' 15"

Sight on TC-8
Rod = 2.00 @ + 11° 45' 45"
Rod = 8.00 @ + 12° 00' 45"



① 51° 17' 30"
④ 205° 10' 00"
⑥ 307° 45' 00"
51° 17' 30"

① 44° 55' 15"
④ 179° 41' 00"
⑥ 269° 31' 00"
44° 55' 10"

① 263° 47' 15"
④ 335° 09' 00"
⑥ 142° 44' 00"
263° 47' 20"

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Notes Ck'd by	Survey of Whites Gyn. Rd
Map No.	JN 0095.39 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 7-9-64
Date	Indexed

F. B. 3203 PG. 21

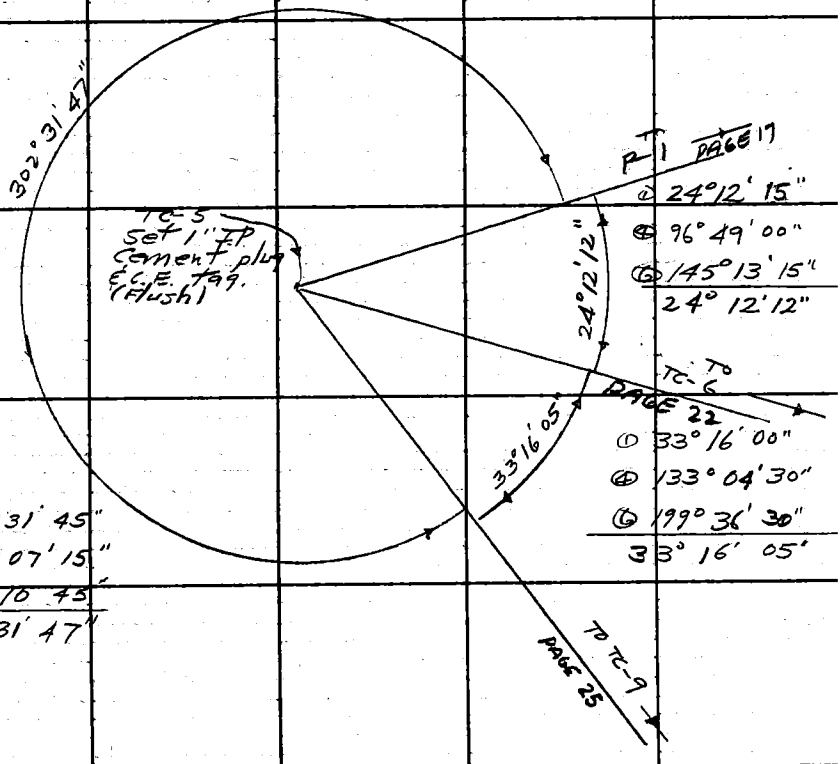
T @ TC-5

H.I. = 4.98

Sight on P-1
Rod = 4.00 @ + 1°22'15"
Rod = 6.00 @ + 1°21'45"

Sight on TC-6
Rod = 6.00 @ + 1°31'30"
Rod = 8.00 @ + 1°34'30"

Sight on TC-9
Rod = 4.00 @ + 6°53'45"
Rod = 8.00 @ + 6°58'00"



① 302°31'45"
Ⓓ 130°07'15"
Ⓖ 15°10'45"
302°31'47"

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

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76F309S CE #310 6-62

F. B. 3203 PG. 22

1 @ TC-6

H.I. = 5.35

Sight on P-1
Rod = 5.00 @ -1°19'30"
Rod = 8.00 @ -1°10'30"

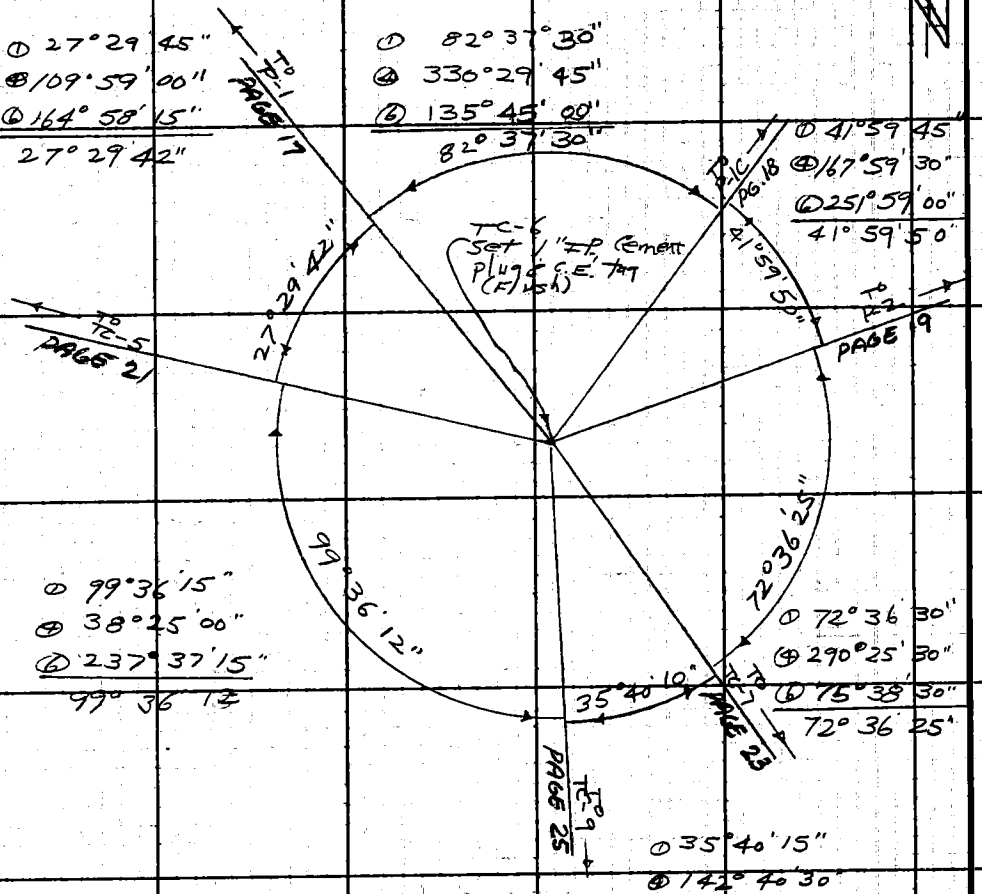
Sight on P-1C
Rod = 4.00 @ +0°21'15"
Rod = 8.00 @ +0°44'15"

Sight on P-2
Rod = 4.00 @ +1°11'00"
Rod = 8.00 @ +1°22'15"

Sight on TC-7
Rod = 2.00 @ +12°56'00"
Rod = 8.00 @ +13°25'00"

Sight on TC-5
Rod = 2.00 @ -1°36'00"
Rod = 8.00 @ -1°27'15"

Sight on TC-9
Rod = 4.00 @ +10°19'15"
Rod = 8.00 @ +10°27'00"



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Map No.	JN 009539 Tape 143 Std 84 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 7-8-69
Date	Indexed

F. B. 3203 PG. 23

T@ TC-7

H.I. = 5.22

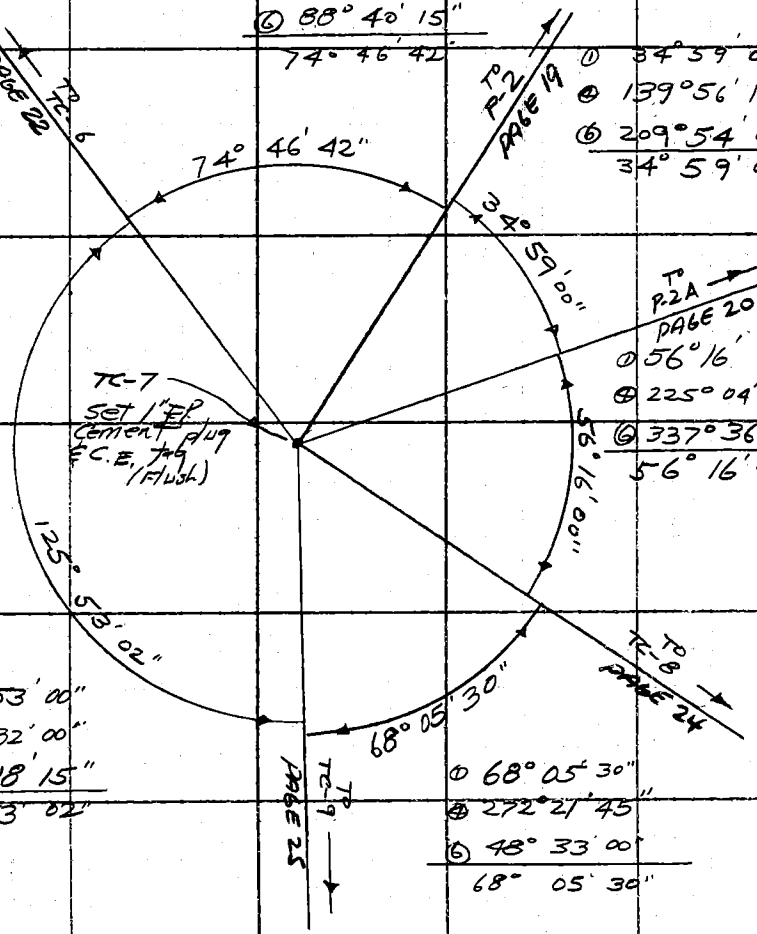
Sight on P-2
Rod = 2.00 @ − 6°26'30"
Rod = 8.00 @ − 6°09'45"

Sight on P-2A
Rod = 2.00 @ − 4°09'15"
Rod = 8.00 @ − 3°56'15"

Sight on TC-6
Rod = 2.00 @ − 13°26'45"
Rod = 8.00 @ − 12°58'00"

Sight on TC-8
Rod = 4.00 @ + 8°28'45"
Rod = 8.00 @ + 8°40'30"

Sight on TC-9
Rod = 2.00 @ + 7°04'45"
Rod = 8.00 @ + 7°21'00"



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76F3095 C.E. #310 6-62

F. B. 3203 PG. 24

T@ TC-8

H.I. = 5.14

Sight on P-2A
Rod = 2.00 @ -12°02'00"
Rod = 8.00 @ -11°46'45"

Sight on TC-7
Rod = 2.00 @ -8°41'45"
Rod = 8.00 @ -8°23'45"

Sight on TC-9
Rod = 2.00 @ -0°28'15"
Rod = 8.00 @ -0°12'15"

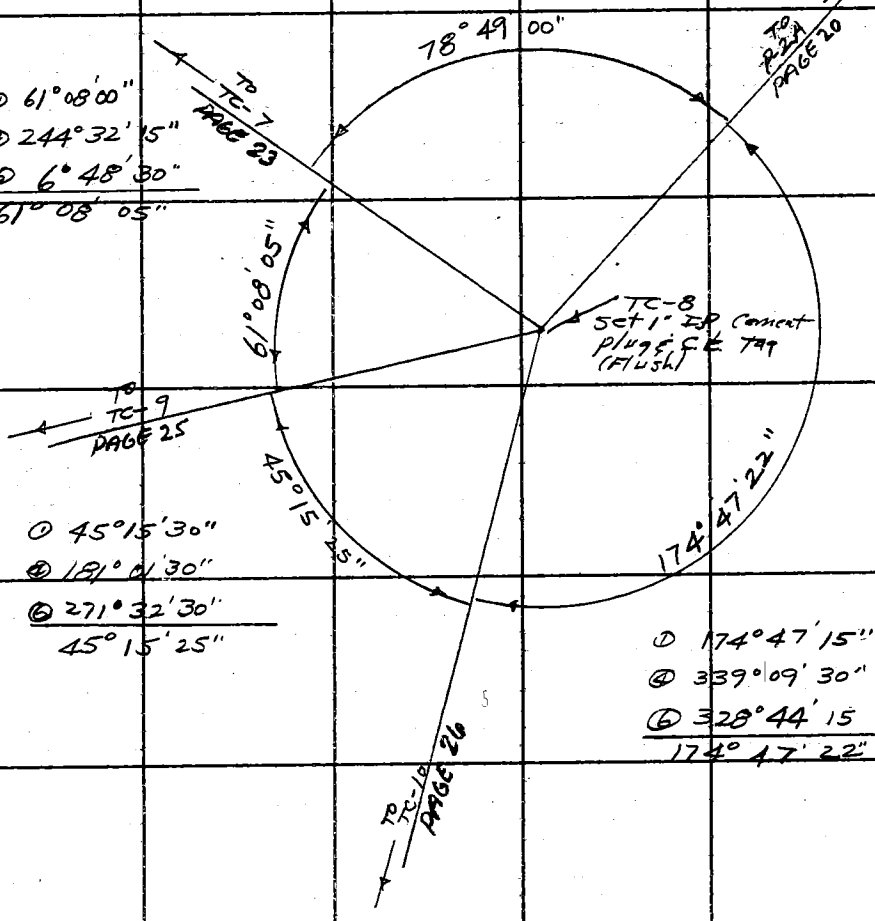
Sight on TC-10
Rod = 2.00 @ +3°07'00"
Rod = 8.00 @ +3°24'15"

① 78°49'00"
④ 315°15'45"
⑥ 112°54'00"
78°49'00"

① 61°08'00"
④ 244°32'15"
⑥ 6°48'30"
61°08'05"

① 45°15'30"
④ 181°01'30"
⑥ 271°32'30"
45°15'25"

① 174°47'15"
④ 339°09'30"
⑥ 328°44'15
174°47'22"



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Checked	Notes Voge Date 7-8-64
Date	Indexed C. J. GALLI

F. B. 3203 PG. 25

T @ TC-9

H.I = 5.11

Sight on TC-5
Rod = 2.00 @ −6°58'45"
Rod = 8.00 @ −6°52'00"

Sight on TC-6
Rod = 2.00 @ −10°27'30"
Rod = 8.00 @ −10°16'15"

Sight on TC-7
Rod = 2.00 @ −7°22'15"
Rod = 8.00 @ −7°06'15"

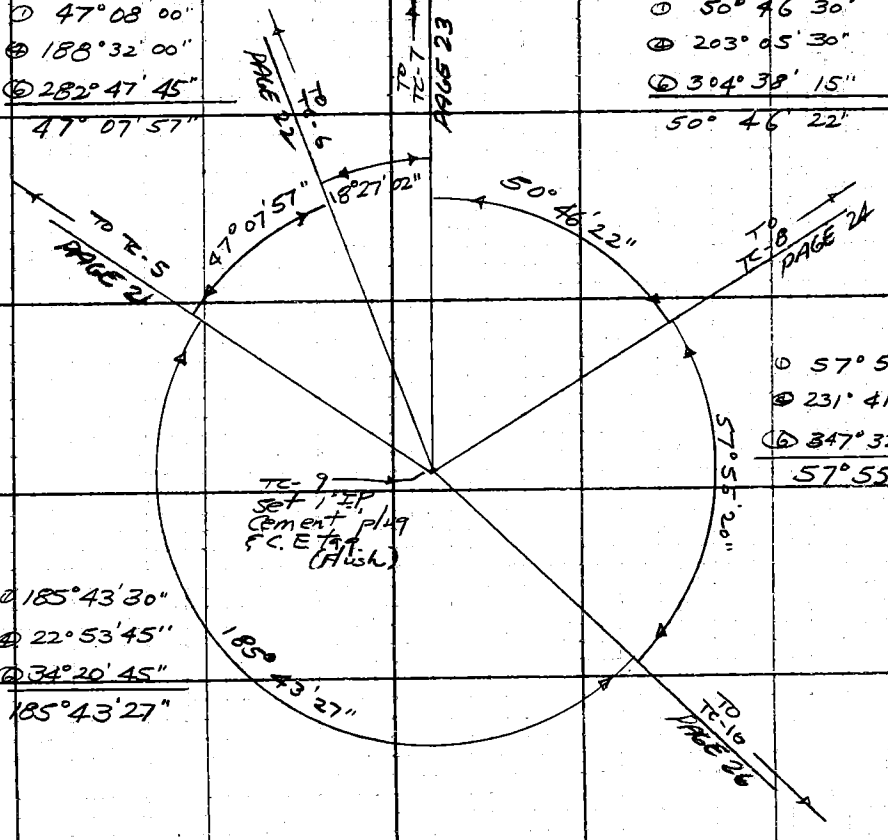
Sight on TC-8
Rod = 2.00 @ +0°10'30"
Rod = 8.00 @ +0°26'15"

Sight on TC-10
Rod = 2.00 @ +4°10'00"
Rod = 8.00 @ +4°31'00"

① 18°27'00"
② 73°48'15"
③ 110°42'15"
18°27'02"

① 47°08'00"
② 188°32'00"
③ 282°47'45"
47°07'57"

① 50°46'30"
② 203°05'30"
③ 304°38'15"
50°46'22"



① 57°55'15"
② 231°41'00"
③ 347°32'00"
57°55'20"

① 185°43'30"
② 22°53'45"
③ 34°20'45"
185°43'27"

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76F309S CE #310 8-62

F. B. 3203 PG. 26

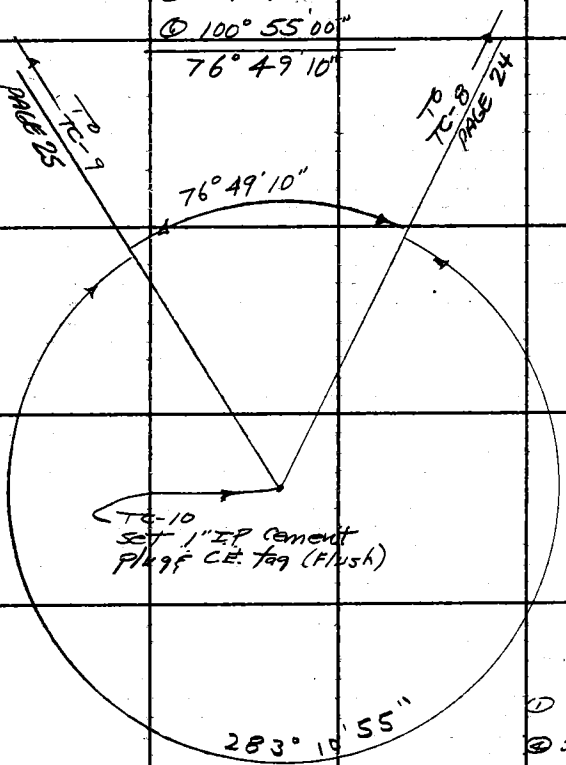
T @ TC-10

H.I. = 4.92

Sight on TC-8
Rod = 2.00 @ − 3°25'45"
Rod = 8.00 @ − 3°07'45"

Sight on TC-9
Rod = 2.00 @ − 4°31'15"
Rod = 8.00 @ − 4°10'15"

① 76°49'00"
② 307°16'45"
③ 100°55'00"
76°49'10"



① 283°10'45"
② 52°43'45"
③ 259°05'30"
283°10'55"

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Map No.	JN 0095.39 Tape 143 Std 84 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 7-14-69
Date	Indexed E. J. GALLI

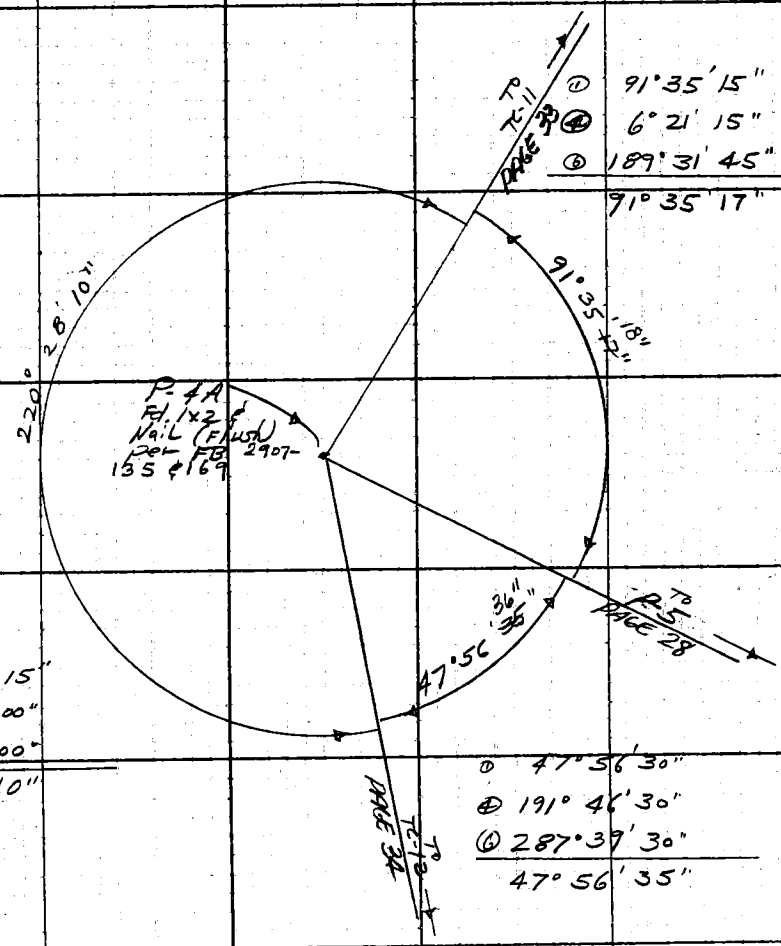
F. B. 3203 PG. 27

T @ P-4A

H. I. = 5.30

Sight on TC-11
Rod = 4.00 @ + 10°27'30"
Rod = 8.00 @ + 10°43'15"

Sight on TC-12
Rod = 2.00 @ + 11°27'30"
Rod = 8.00 @ + 11°45'00"



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76F3095 CE #3 0 8-62

F. B. 3203 PG. 28

T @ P-5

H.I. = 5.78

Sight on TC-11

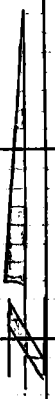
Rod = 6.00 @ + 7°22'15"

Rod = 10.00 @ + 7°34'30"

Sight on TC-12

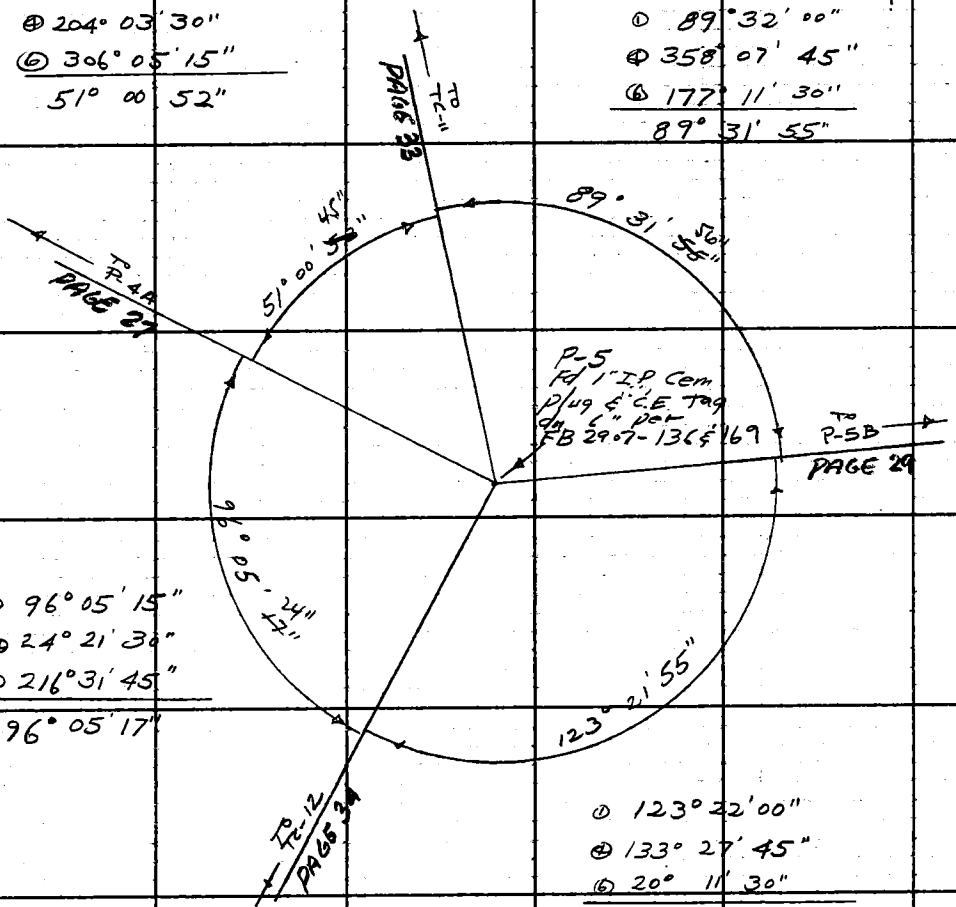
Rod = 4.00 @ +14°10'15"

Rod = 8.00 @ +14°25'45"



① 51° 01' 00"
⊕ 204° 03' 30"
⑥ 306° 05' 15"
51° 00' 52"

① 89° 32' 00"
⊕ 358° 07' 45"
⑥ 177° 11' 30"
89° 31' 55"



① 96° 05' 15"
⊕ 24° 21' 30"
⑥ 216° 31' 45"
96° 05' 17"

① 123° 22' 00"
⊕ 133° 27' 45"
⑥ 20° 11' 30"
123° 21' 55"

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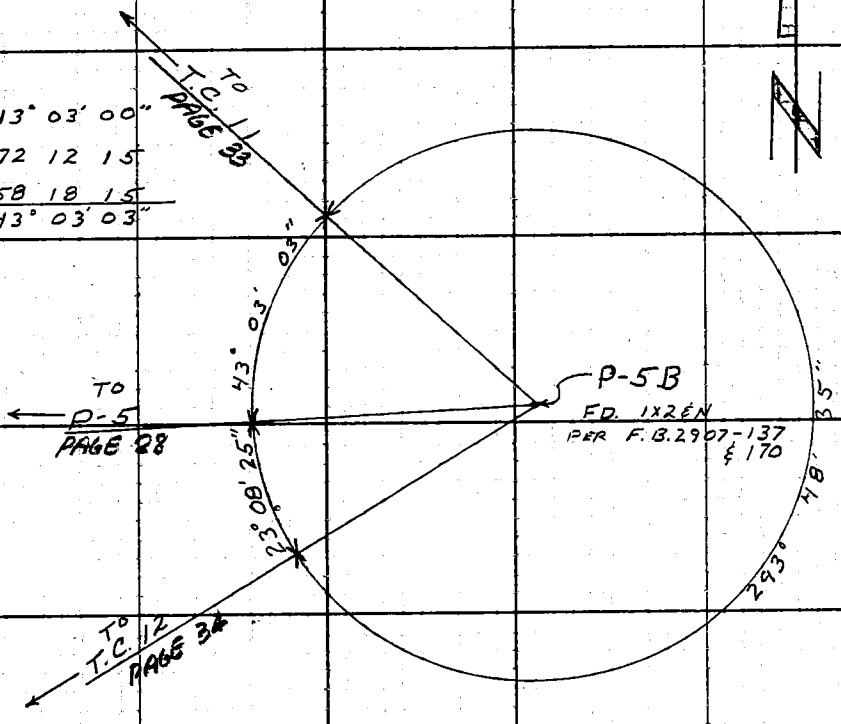
Map No.	JN 0095 39 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. VOGE
Checked	Notes J. R. F. Date 7-14-64
Date	Indexed E. J. GALLI

F. B. 3703 PG. 29

SIGHT ON T.C. 11
ROD = 2.00 @ + 3° 37' 00"
ROD = 8.00 @ + 3° 50' 30"

SIGHT ON T.C. 12
ROD = 2.00 @ + 5° 34' 45"
ROD = 8.00 @ + 5° 46' 00"

T @ P-5B
H.I. = 5.20



① 43° 03' 00"
④ 172 12 15
⑥ 258 18 15
43° 03' 03"

① 23° 08' 30"
④ 92 34 00
⑥ 138 50 30
23° 08' 25"

① 293° 48' 30"
④ 95 14 30
⑥ 322 51 30
293° 48' 35"

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76F3095 C.E. #3 0 8-62

F. B. 3203 PG 30

T @ P-6

H. I. = 5.72

SIGHT ON TC 13

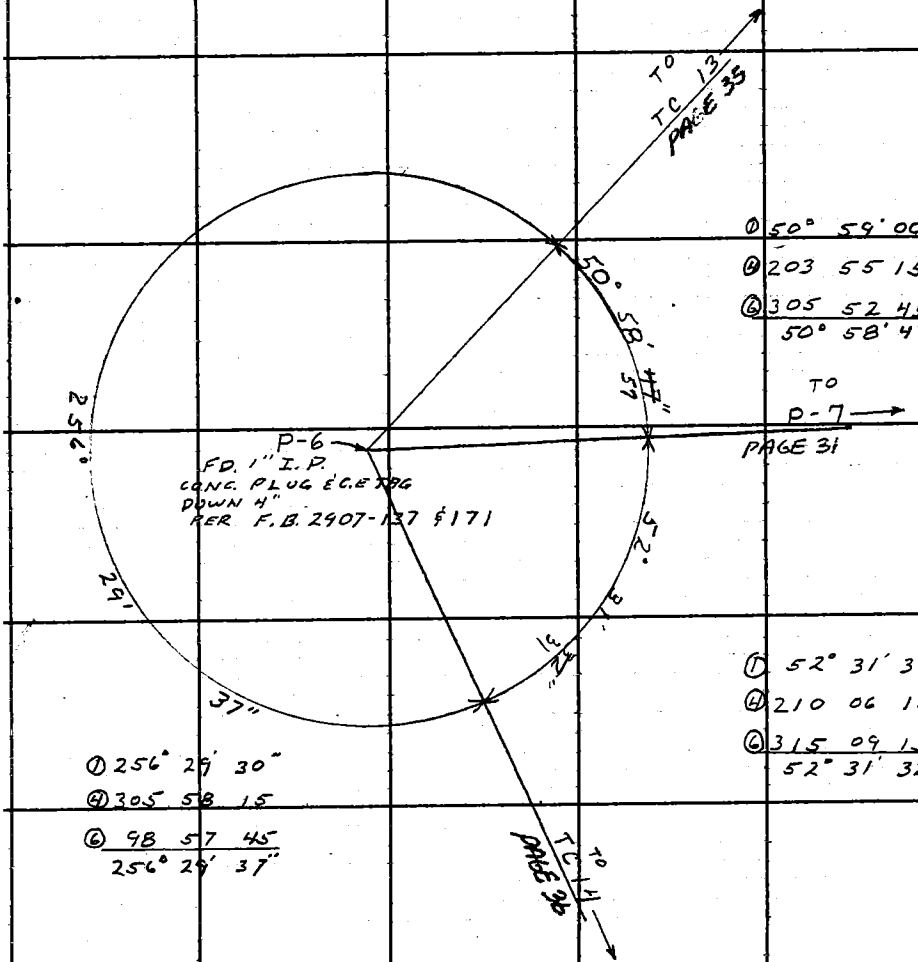
ROD = 6.00 @ +7° 42' 15"

ROD = 10.00 @ +7° 57' 00"

SIGHT ON TC 14

ROD = 4.00 @ +10° 21' 15"

ROD = 10.00 @ +10° 37' 15"



① 50° 59' 00"
④ 203 55 15
⑥ 305 52 45
50° 58' 47"

① 52° 31' 30"
④ 210 06 15
⑥ 315 09 15
52° 31' 32"

① 256° 29' 30"
④ 305 58 15
⑥ 98 57 45
256° 29' 37"

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Map No.	JN 0095.39 Tape 43 Std. 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 7-14-64
Date	Indexed J. GALM

F. B. 3203 PG. 31

TO P-7

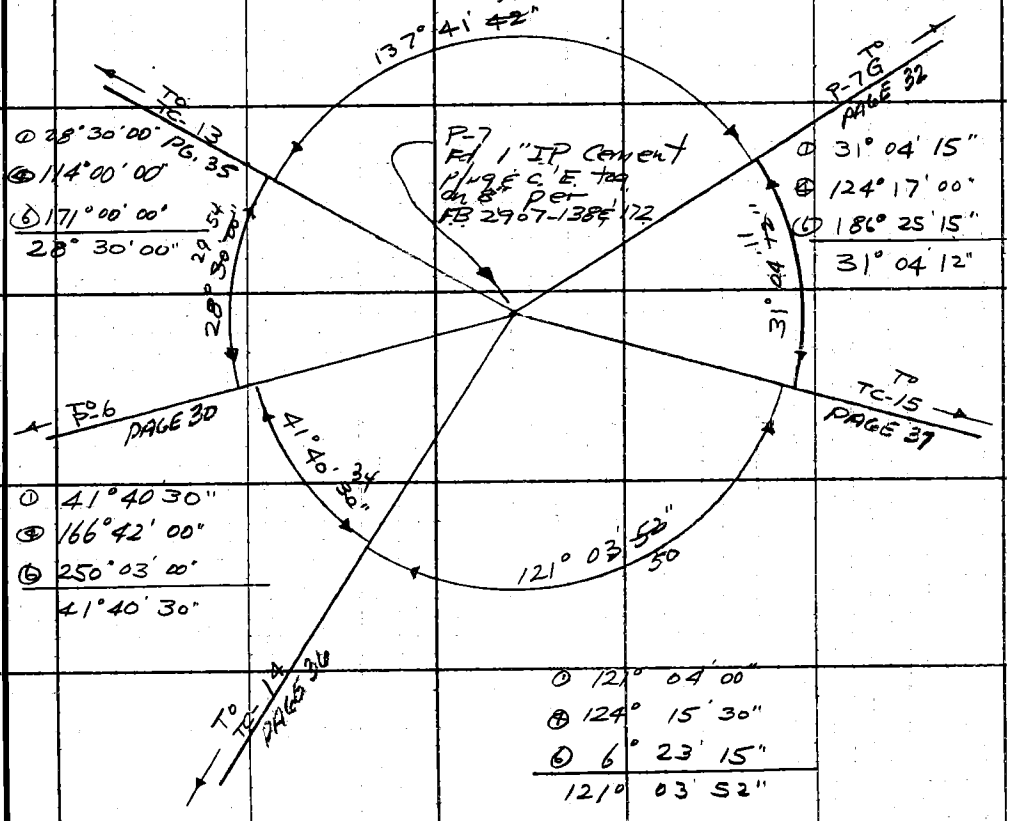
H.I. = 6.00

Sight on TC-13
Rod = 2.00 @ + 2° 06' 30"
Rod = 8.00 @ + 2° 20' 37"

Sight on TC-15
Rod = 2.00 @ + 11° 40' 00"
Rod = 8.00 @ + 11° 48' 30"

Sight on TC-14
Rod = 2.00 @ + 6° 12' 15"
Rod = 8.00 @ + 6° 25' 00"

① 137° 41' 45"
② 190° 46' 45"
③ 106° 10' 15"
137° 41' 42"



① 28° 30' 00"
② 114° 00' 00"
③ 171° 00' 00"
28° 30' 00"

① 31° 04' 15"
② 124° 17' 00"
③ 186° 25' 15"
31° 04' 12"

① 41° 40' 30"
② 166° 42' 00"
③ 250° 03' 00"
41° 40' 30"

① 121° 04' 00"
② 124° 15' 30"
③ 6° 23' 15"
121° 03' 52"

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76F3095 C.E. #3 0 6-62

F. B. 3703 PG. 32

π @ P-7G

H.I. = 4.98

SIGHT ON T.C. 15

ROD = 4.00 @ +13° 08' 00"

ROD = 8.00 @ +13° 20' 15"

SIGHT ON T.C. 17

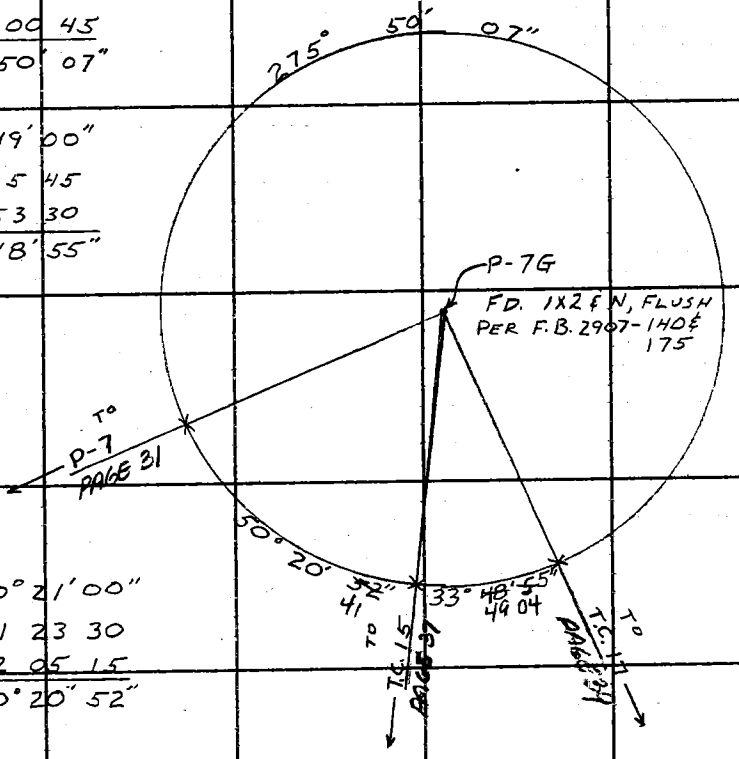
ROD = 6.00 @ +14° 55' 45"

ROD = 10.00 @ +15° 08' 45"

① 275° 50' 00"
④ 23 20 45
⑥ 215 00 45
275° 50' 07"

① 33° 49' 00"
④ 135 15 45
⑥ 202 53 30
33° 48' 55"

① 50° 21' 00"
④ 201 23 30
⑥ 302 05 15
50° 20' 52"



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Map No.	JN 0095.39 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 7-14-64
Date	Indexed G. J. GALLI

F. B. 3203 PG. 33

T @ TC-11

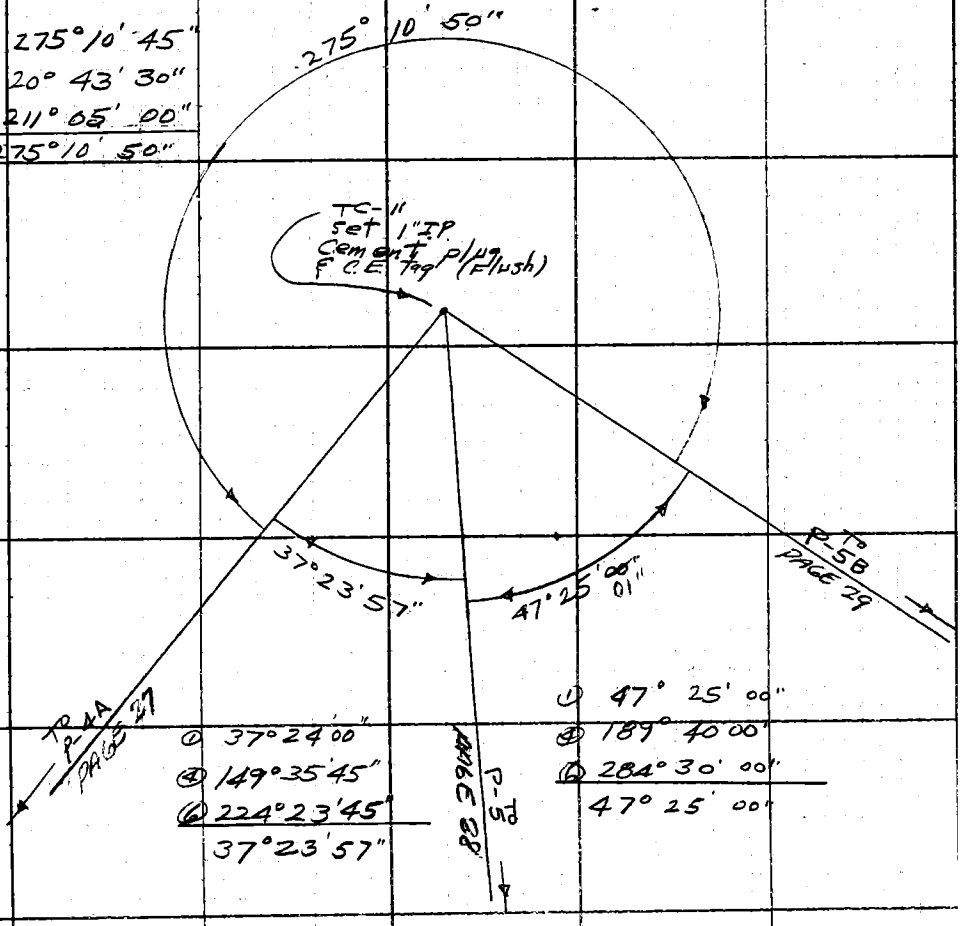
H.I. = 5.13

Sight on P-4A
Rod = 2.00 @ — 10°46'00"
Rod = 8.00 @ — 10°22'15"

Sight on P-5B
Rod = 4.00 @ — 3°47'00"
Rod = 8.00 @ — 3°38'45"

Sight on P-5
Rod = 6.00 @ — 7°19'37"
Rod = 8.00 @ — 7°13'15"

① 275°10'45"
② 20°43'30"
③ 211°05'00"
275°10'50"



① 37°24'00"
② 149°35'45"
③ 224°23'45"
37°23'57"

① 47°25'00"
② 189°40'00"
③ 284°30'00"
47°25'00"

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76F3095 CE #310 6-62

F. B. 3203 PG. 34

T @ T.C. 12

H.I. = 5.31

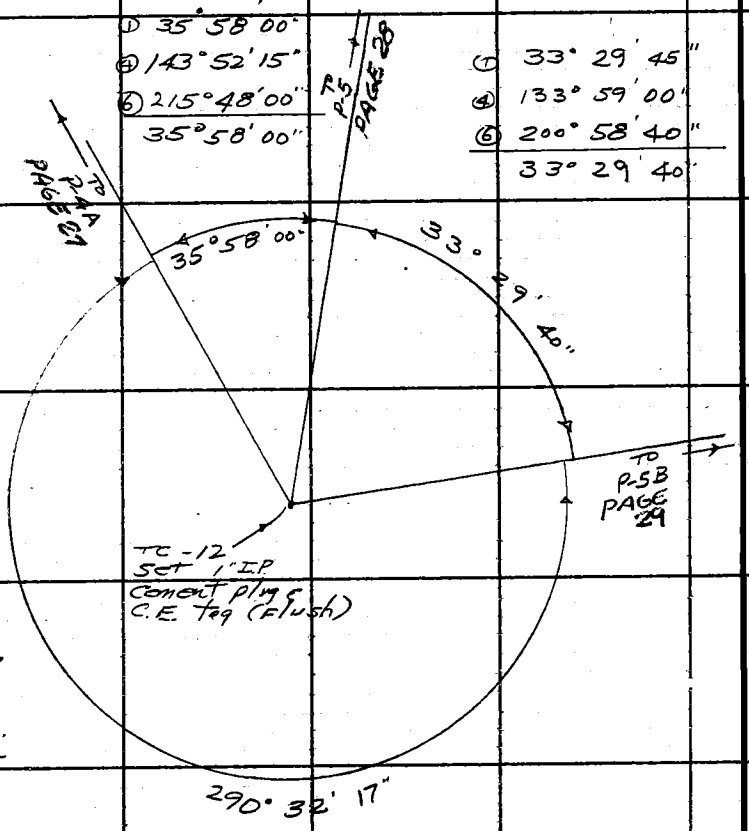
Sight on P-4A
Rod = 3.00 @ — 11° 43' 30"
Rod = 9.00 @ — 11° 26' 00"

Sight on P-5
Rod = 3.00 @ — 14° 27' 07"
Rod = 9.00 @ — 14° 04' 07"

Sight on P-5B
Rod = 2.00 @ — 5° 47' 15"
Rod = 9.00 @ — 5° 34' 07"

① 35° 58' 00"
④ 143° 52' 15"
⑥ 215° 48' 00"
35° 58' 00"

① 33° 29' 45"
④ 133° 59' 00"
⑥ 200° 58' 40"
33° 29' 40"



① 290° 32' 15"
④ 82° 09' 15"
⑥ 303° 13' 45"
290° 32' 17"

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Map No.	JN 009539 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. VOGE
Checked	Notes J. R. F. Date 7-15-64
Date	Indexed

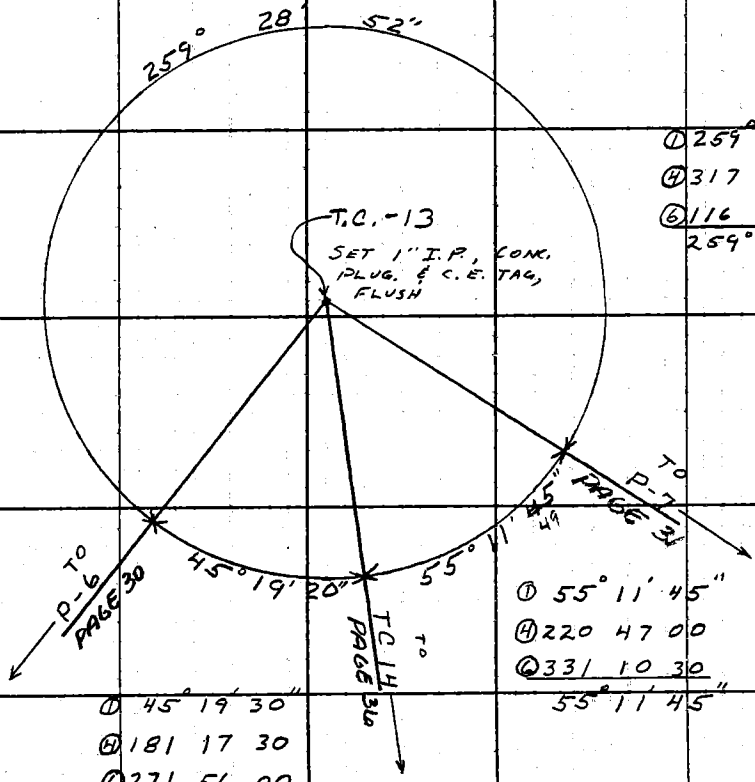
F. B. 3203 PG. 35

π @ T.C. 13
H.I. = 5.33

SIGHT ON P-6
ROD = 3.00 @ - 7° 50' 45"
ROD = 9.00 @ - 7° 28' 52"

SIGHT ON P-7
ROD = 4.00 @ - 2° 19' 37"
ROD = 9.00 @ - 2° 08' 07"

SIGHT ON TC 14
ROD = 2.00 @ + 3° 29' 07"
ROD = 9.00 @ + 3° 42' 45"



① 259° 28' 45"
④ 317 55 30
⑥ 116 53 15
259° 28' 52"

① 55° 11' 45"
④ 220 47 00
⑥ 331 10 30
55° 11' 45"

① 45° 19' 30"
④ 181 17 30
⑥ 271 56 00
45° 19' 20"

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76F3095 CE #310 8-62

F. B. 3203 PG. 36

π @ T.C. 14
H.I. = 5.19

SIGHT ON P-6

ROD = 2.00 @ − 10° 34′ 30″
ROD = 8.00 @ − 10° 18′ 30″

SIGHT ON T.C. 13

ROD = 2.00 @ − 3° 41′ 30″
ROD = 8.00 @ − 3° 30′ 30″

SIGHT ON P-7

ROD = 4.00 @ − 6° 24′ 15″
ROD = 8.00 @ − 6° 15′ 15″

SIGHT ON T.C. 15

ROD = 4.00 @ + 3° 06′ 30″
ROD = 8.00 @ + 3° 12′ 00″

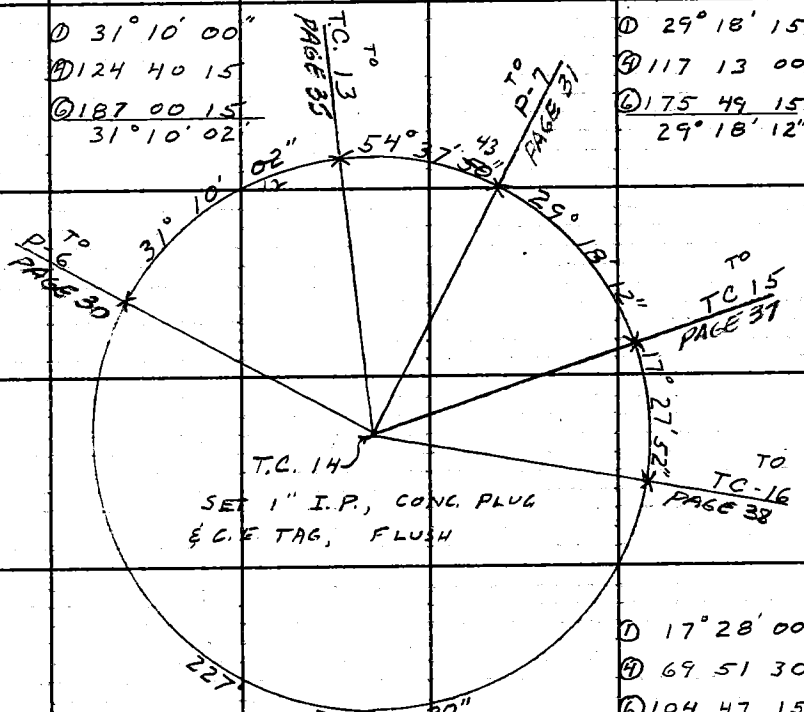
SIGHT ON T.C. 16

ROD = 2.00 @ + 2° 13′ 30″
ROD = 8.00 @ + 2° 22′ 15″

Ⓓ 54° 38′ 00″
Ⓗ 218 31 30
Ⓒ 327 47 00
54° 37′ 50″

Ⓓ 31° 10′ 00″
Ⓗ 124 40 15
Ⓒ 187 00 15
31° 10′ 02″

Ⓓ 29° 18′ 15″
Ⓗ 117 13 00
Ⓒ 175 49 15
29° 18′ 12″



Ⓓ 17° 28′ 00″
Ⓗ 69 51 30
Ⓒ 104 47 15
17° 27′ 52″

Ⓓ 227 26 30
Ⓗ 189 45 15
Ⓒ 284 38 00
227° 26′ 20″

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Notes Ck'd by F. CESSOR	Survey of WHITES CYN. RD.
Map No.	JN 0095-39 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. VOGE
Checked	Notes J. R. F. Date 7-15-64
Date	Indexed T. J. GALLI

F. B. 3203 PG. 37

π @ TC 15

H. I. = 5.09

① 98°35'15"
④ 34°20'45
⑥ 231°31'00 ✓
98°35'10" ✓

SIGHT ON P-7

ROD = 2.00 @ -11°50'45"
ROD = 8.00 @ -11°38'00"

SIGHT ON P-7G

ROD = 2.00 @ -13°20'30"
ROD = 8.00 @ -13°01'07"

SIGHT ON TC 14

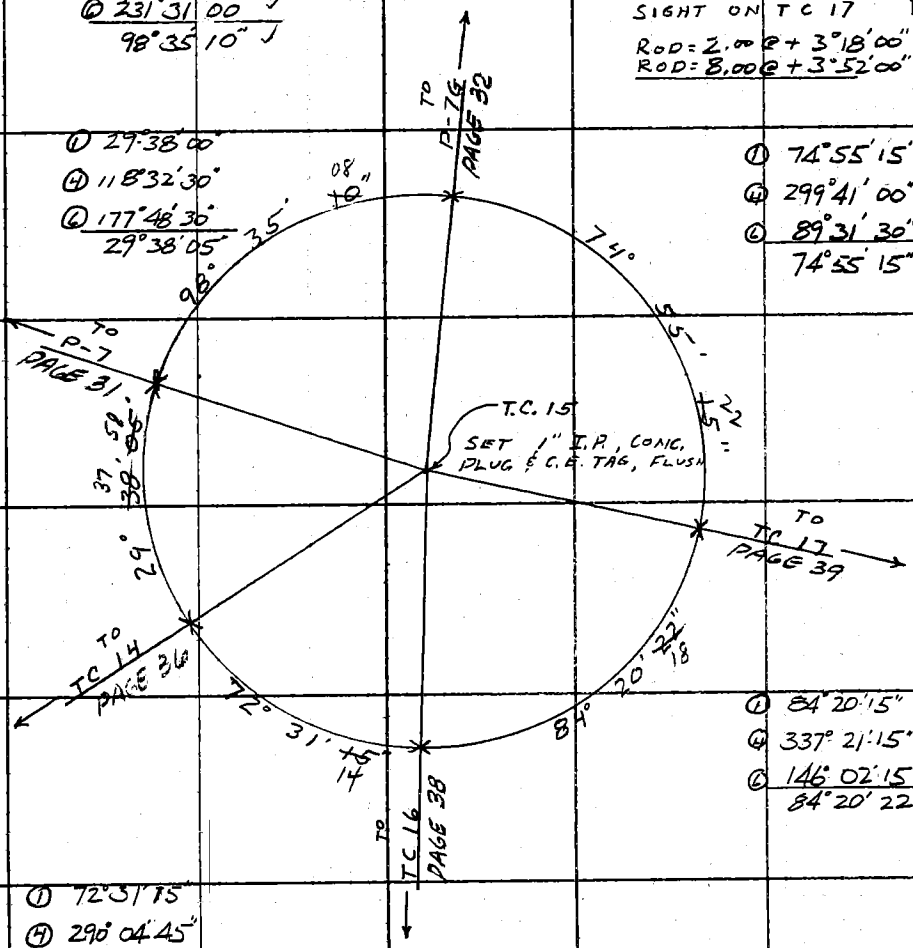
ROD = 2.00 @ -3°11'45"
ROD = 8.00 @ -3°04'00"

SIGHT ON TC 16

ROD = 2.00 @ -3°19'45"
ROD = 8.00 @ -2°53'22"

SIGHT ON TC 17

ROD = 2.00 @ +3°18'00"
ROD = 8.00 @ +3°52'00"



① 29°38'00"
④ 118°32'30"
⑥ 177°48'30"
29°38'05"

① 74°55'15"
④ 299°41'00"
⑥ 89°31'30"
74°55'15"

① 84°20'15"
④ 337°21'15"
⑥ 146°02'15" ✓
84°20'22" ✓

① 72°31'15"
④ 290°04'45"
⑥ 75°07'30"
72°31'15"

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

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7 OF 3095 C.E. #3 10 6-62

F. B. 3203 PG. 38

π @ T.C.-16

H.I. = 5.08

SIGHT ON T.C. 14

ROD = 2.00 @ - 2° 22' 30"

ROD = 8.00 @ - 2° 14' 30"

SIGHT ON T.C. 15

ROD = 6.00 @ + 3° 10' 15"

ROD = 10.00 @ + 3° 27' 15"

SIGHT ON T.C. 17

ROD = 4.00 @ + 4° 47' 30"

ROD = 8.00 @ + 5° 01' 45"

① 38° 52' 00"

④ 155 27 30

⑥ 233 11 00

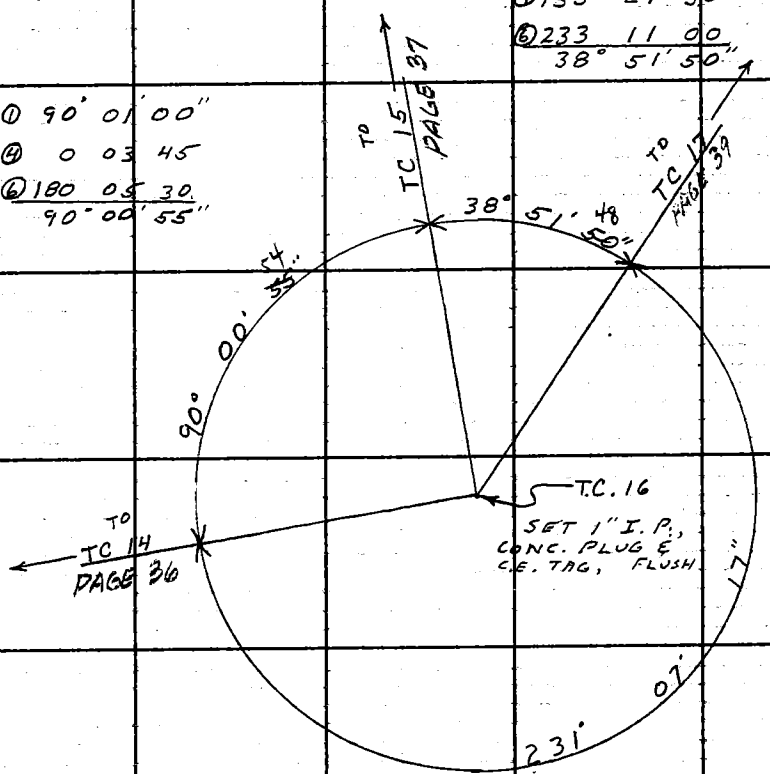
38° 51' 50"

① 90° 01' 00"

④ 0 03 45

⑥ 180 05 30

90° 00' 55"



① 231° 07' 15"

④ 204 29 15

⑥ 306 43 45

231° 07' 17"

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Notes Ck'd by F. CESSOR	Survey of WHITES CYN RD.
Map No.	JN0095 39 Tape 143 Std 84° F
Office Work	Surveyed by W. J. VOGE
Checked	Notes J.R.F. Date 7-15-64
Date	Indexed C. J. GALLI

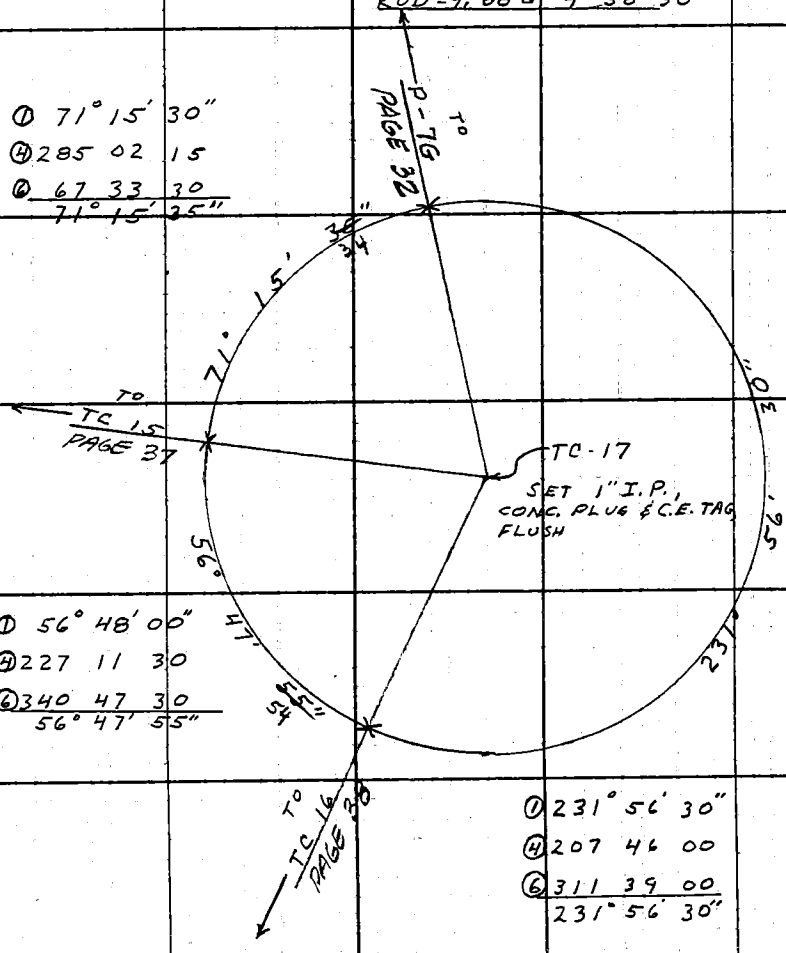
F. B. 3203 PG. 39

T @ TC-17
H.I. = 5.17

SIGHT ON P-7G
ROD = 3.00 @ -14° 59' 45"
ROD = 9.00 @ -14° 40' 30"

SIGHT ON T.C 15
ROD = 3.00 @ -3° 48' 45"
ROD = 9.00 @ -3° 13' 22"

SIGHT ON TC 16
ROD = 3.00 @ -4° 59' 30"
ROD = 9.00 @ -4° 38' 30"



① 71° 15' 30"
④ 285 02 15
⑥ 67 33 30
71° 15' 35"

① 56° 48' 00"
④ 227 11 30
⑥ 340 47 30
56° 47' 55"

① 231° 56' 30"
④ 207 46 00
⑥ 311 39 00
231° 56' 30"

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70F3095 C.E. #310 8-62

CAD TIE

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

Survey of WHITE CN RD
JN 0095.39 Tape Std °F
Surveyed by G.E. DREIER
Notes G.E.D. Date 7-23-64
Indexed J. GARN JUL 30 '64

F. B. 3203 PG. 41

Noted on Index Card AUG 1 0 '64
Plotted on G.S.S. Quad. Shts.
Filed on Sur. Div. W.S. No.
Sketch on Desc. Card

CADASTRAL TIES
WHITE CANYON ROAD

JOB NO. 0095.39

(TO ESTABLISH ZONE 7 FOR VASQUEZ CN RD PHOTO CONT.)

DREIER
WILKS
MARTINEZ
WILL

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76F3095 CE # 310 3-61

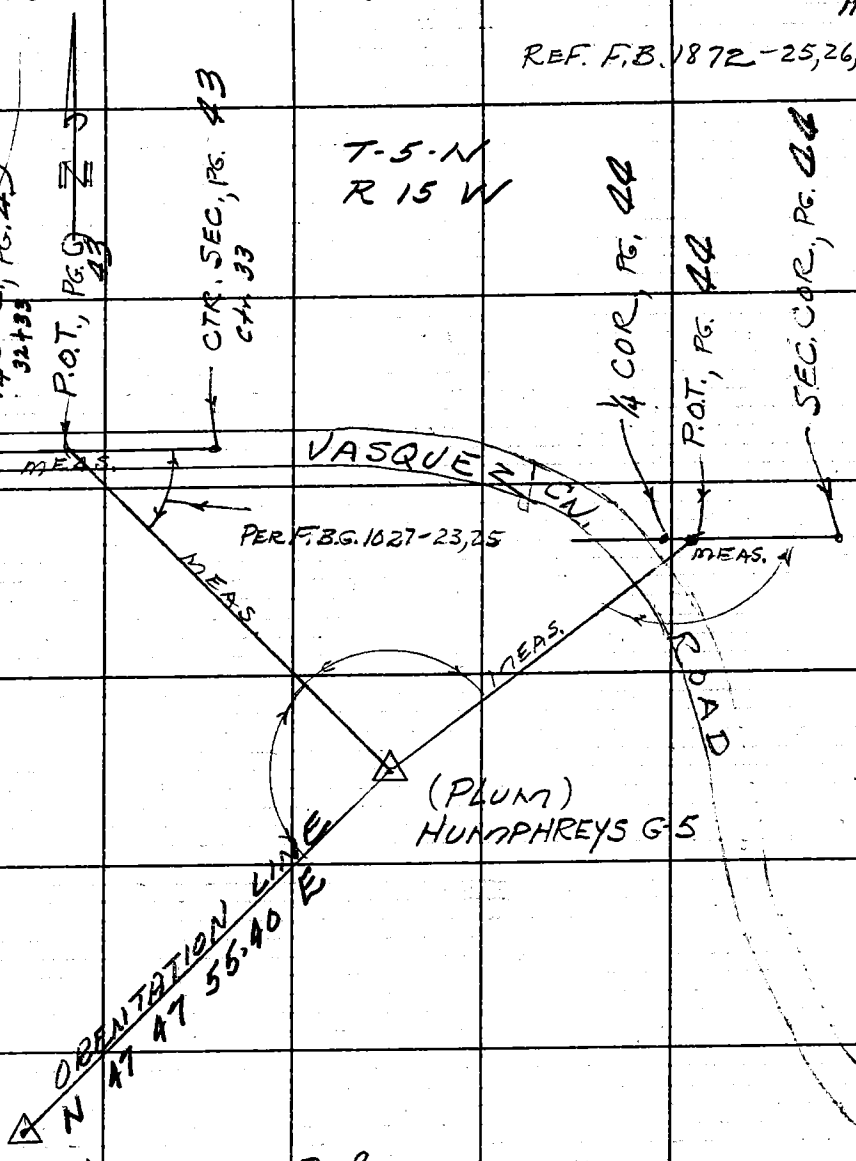
2

F. B. 3203 PG. 42

INDEX AND METHOD SKETCH.

ANGLES IN F.B.G. 1027
GEODIMETER DIST. IN F.B. 1304-110,118

REF. F.B. 1872-25,26,31,32



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Noted on Gen. Index Card No. 1
Plat
U.S.G.S. Quad. Sht.
Field Book Ref. Div. W.S.No.
Sketch on Back, Desc. Card

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

Survey of WHITE CN ROAD
JN 009539 Tape 202 Std 84 °F
Surveyed by G.E. DREIER
Notes G.E.D Date 7-23-64
Indexed J. GALLI

F. B. 3203 Pg. 43

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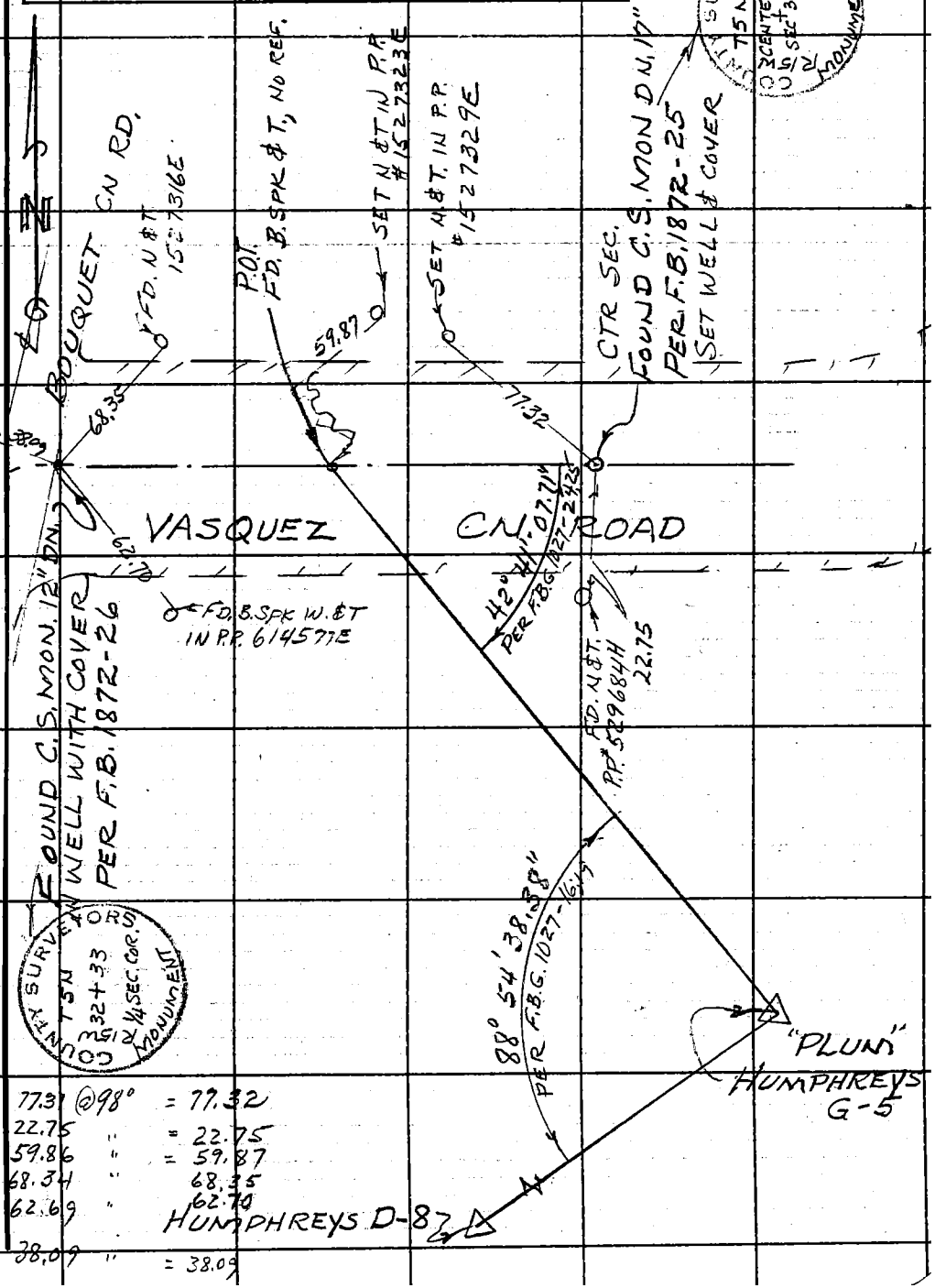
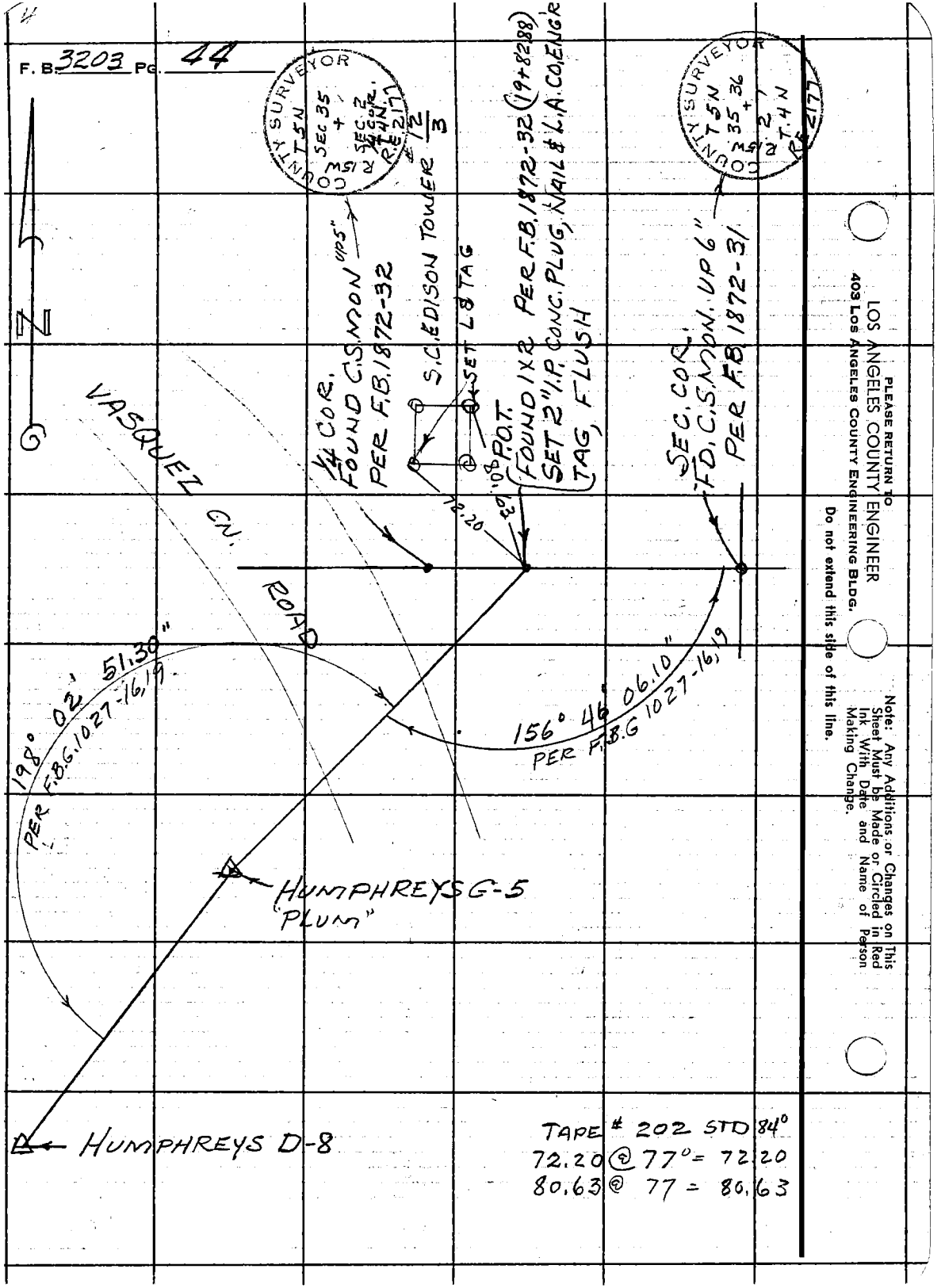


77.31 @98° = 77.32
22.75 " = 22.75
59.86 " = 59.87
68.34 " = 68.35
62.69 " = 62.70
38.09 " = 38.09

76F309S CE # 310 3-61

F. B. 3203 Pg. 44



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NOTES RED _____ JOB NO. 0095.39 SURVEY OF WHITES CYN. RD. | F. B. 3203 PG. 45

DATE _____ SURVEY BY J. FULTON

NOTES CHKD. _____ NOTES BY J. R. F. DATE 7-22-64

DATE _____ INDEXED G. J. GALLI DATE SEP 1 '64

LEVELS ON P-10A-1 FOR FLIGHT CONTROL

WHITES CYN. RD.
0095.39

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

PARTY
J. FULTON
R. STRADER
I. RANGEL
J. BOOTS

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

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765420 S & E-353 9-55

76S420 S & E-353 9-55

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JOB NO. 0095.39 SURVEY OF WHITES CYN. RD. NOTES RED. ____ DATE ____
SURVEY BY J. FULTON NOTES CHKD. ____ DATE 7-22-64
NOTES BY J.R.F. DATE ____
INDEXED [redacted] J. GALL DATE ____

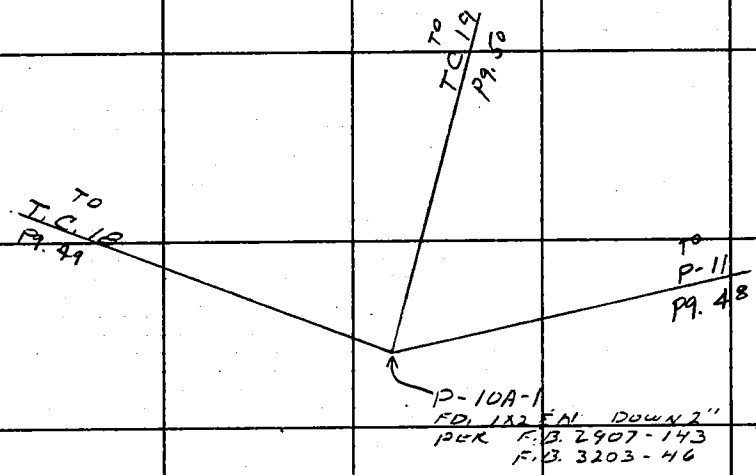
F.B. 3203 PG. 46

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						UNADJUSTED ELEV.
P-10	1798.029					P-10 FD 1" I.P., CONC. PLUG
+	6.751		6.732			& C.E. TAG, D.N. 4" PER F.B. 2907-143 & 177
π	1804.780	+2.954	+2.953			
-	3.797		3.779			
P-10A-1	1800.983					P-10A-1 FD. 1X2 & N., DN. 2"
+	7.289		7.356			PER F.B. 2907-143
π	1808.272	+3.716	+3.713			
-	3.573		3.643			
P-10A	1804.699					P-10A 1804.694 UNADJUSTED
						FD. 1X2 & N PER F.B. 2907-143 & 177

Notes Ck'd by F. CESSOR	Survey of WHITES CYN. RD.	F. B. 3203 PG. 47
Map No.	JN 004539 Tape 143 Std 84 °F	
Office Work	Surveyed by J. FULTON	
Checked	Notes J.R.F. Date 7-30-64	
Date	Indexed J. GALLI	

T@ P-10A-1
H.I. = 5.66

T-3 @ 41081 F.B. G 1026-142



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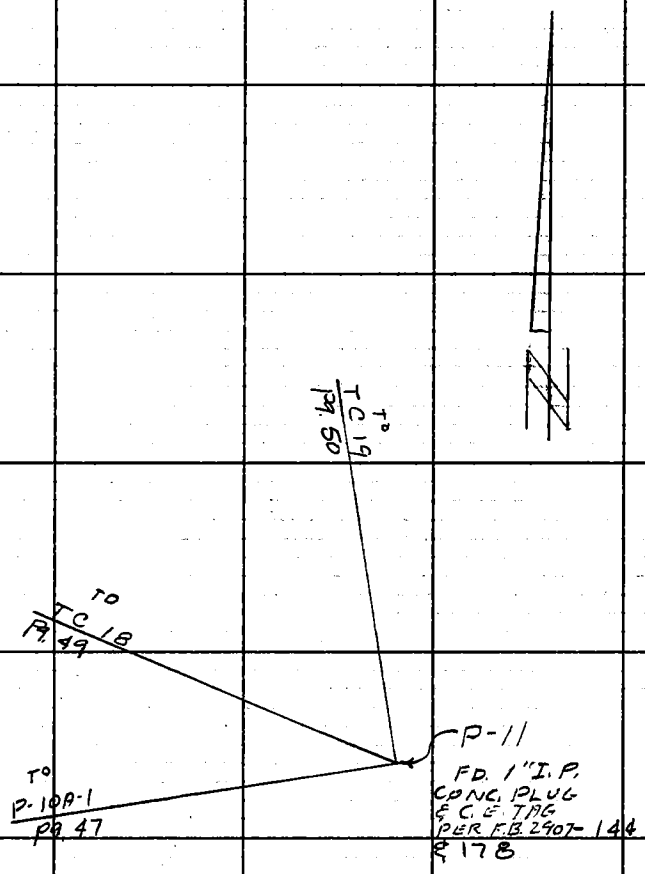
76F309S CE # 310 9-61

F. B. 3203 PG. 48

T @ P-11

H I = 5.58

T-3 # 41081 F. B. G-1026-5 #6



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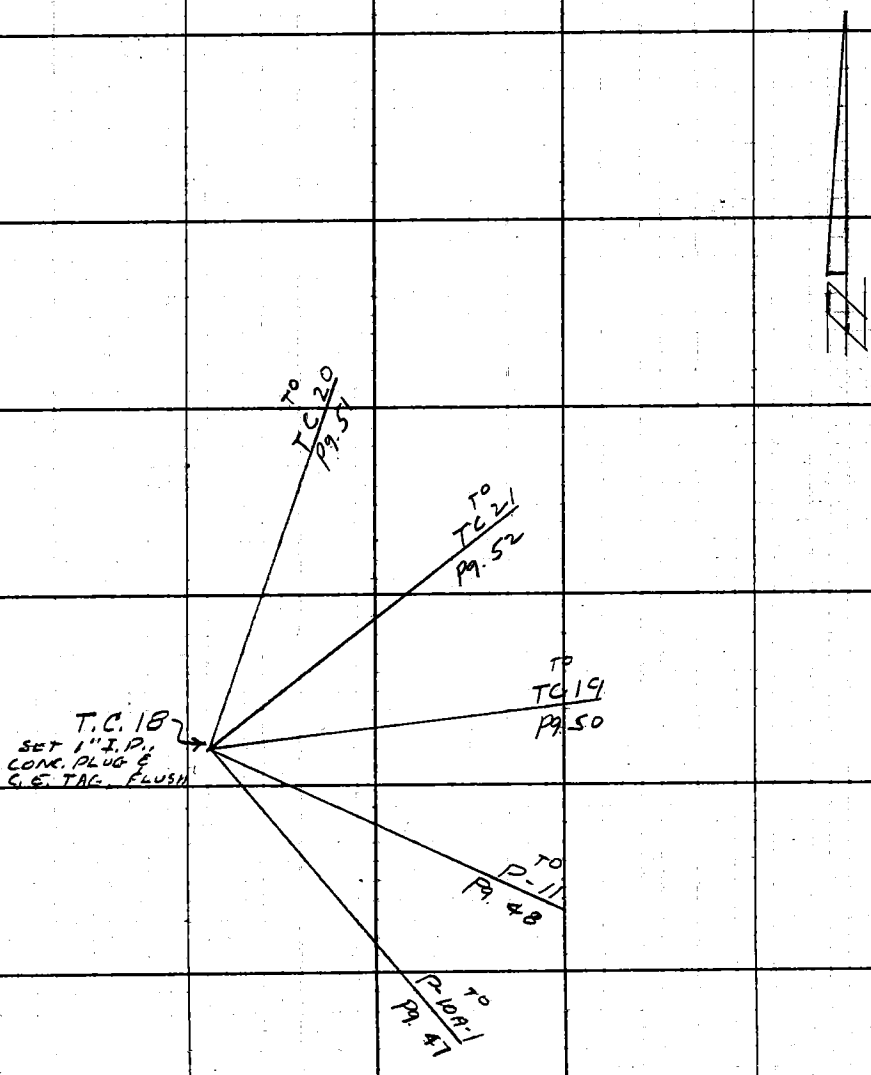
Notes Ck'd by F. CESSOR	Survey of WHITES CYN. RD.
Map No.	JN 0095.34 Tape 143 Std 84 °F
Office Work	Surveyed by J. FULTON
Checked	Notes J.12.15 Date 7-21-64
Date	Indexed G. J. GALLI

F.B. 3203 PG. 49

TO T.C. 18
HI = 5.35

T-3 # 41081 F.B. G. 1026-3 & 4



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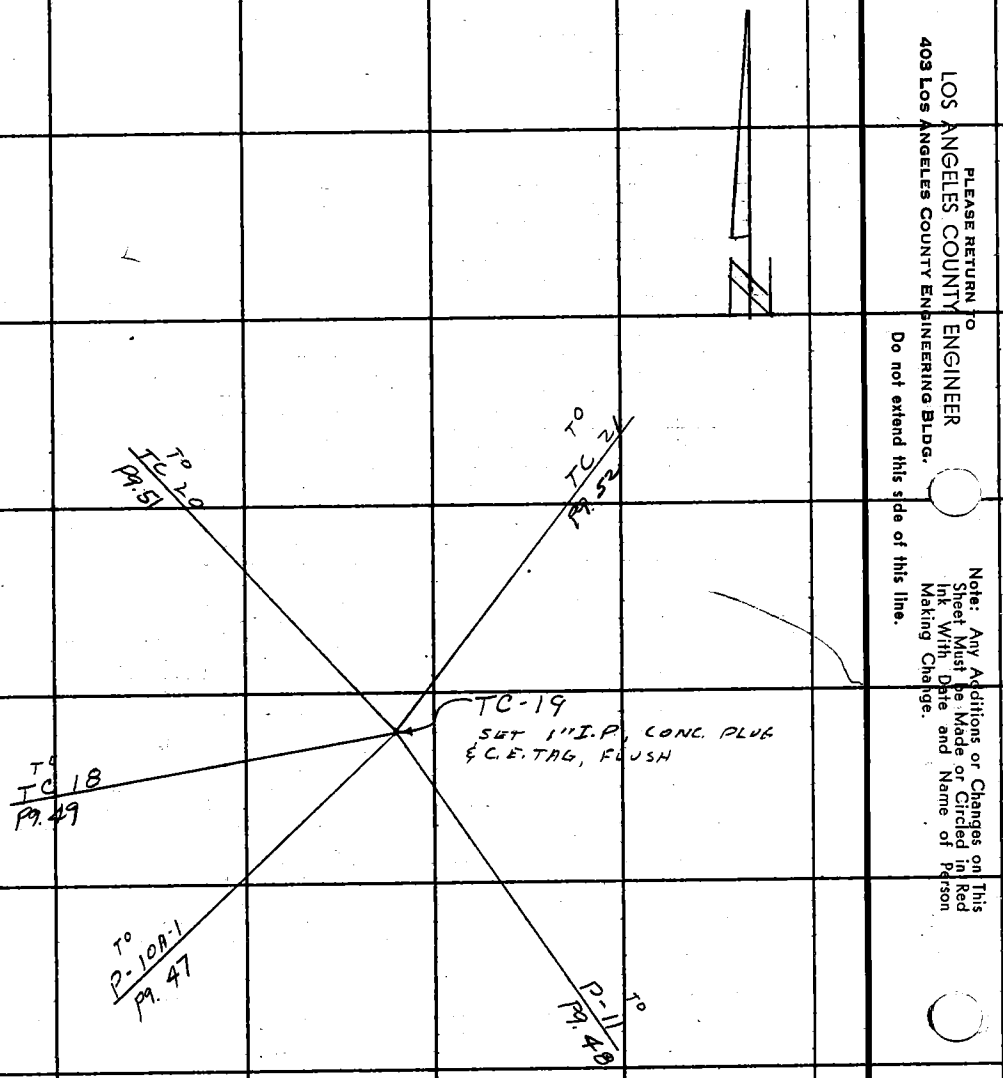
76F309S C.E. #310 6-62

F. B. 3203 PG 50

T@ T.C. 19
H I = 5.39

T-3 # 41081 F.B G-1026-7&8



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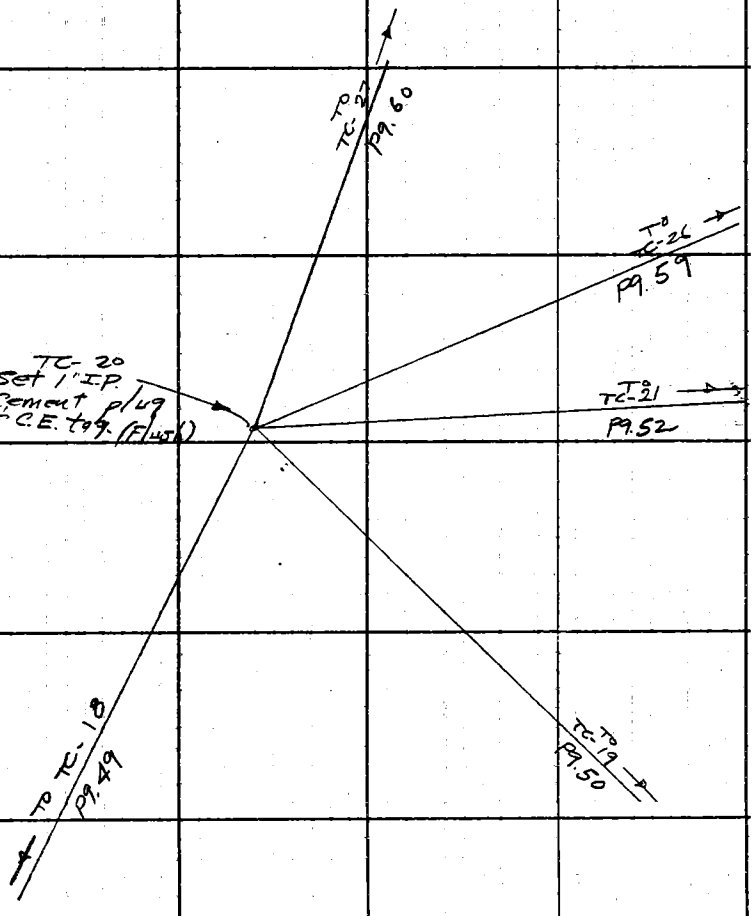
Notes Ck'd by F. CESSOR	Survey of Whites Cyn. Rd
Map No.	JN 009539 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 8-7-64
Date	Indexed E. J. GALLI

F. B. 3203 PG. 51

1 @ TC-20

H.I = 5.35

T = Astenia #580792 FB G 1026-29, 39, 531



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76F309S C.E. #3 10 6-62

F. B. 3203 PG. 52

T @ TC-21
H.I. = 5.08
T = K+E 30" Transit #113907

Sight on TC-22
Rod = 2.00 @ + 5° 35' 45"
Rod = 8.00 @ + 5° 50' 30"

Sight on TC-18
Rod = 2.00 @ − 5° 48' 30"
Rod = 8.00 @ − 5° 36' 30"

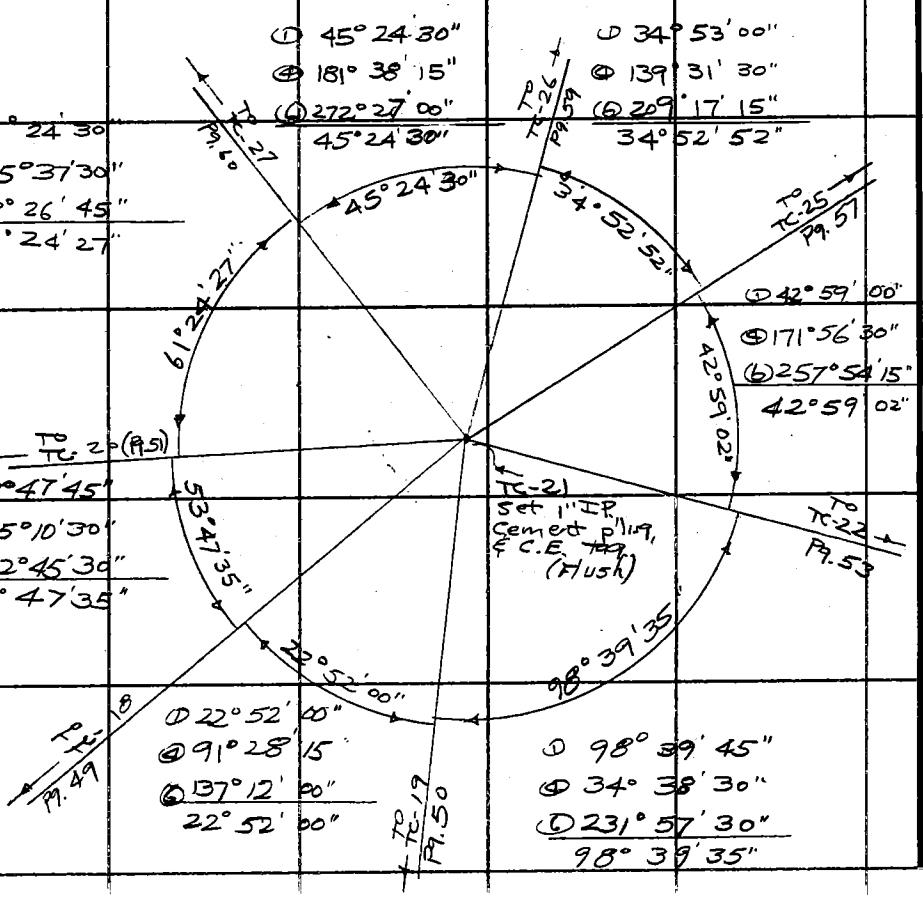
Sight on TC-25
Rod = 2.00 @ + 5° 02' 00"
Rod = 8.00 @ + 5° 13' 45"

Sight on TC-19
Rod = 2.00 @ − 5° 02' 45"
Rod = 8.00 @ − 4° 39' 00"

Sight on TC-26
Rod = 2.00 @ + 3° 30' 45"
Rod = 8.00 @ + 3° 47' 45"

Sight on TC-20
Rod = 2.00 @ − 4° 05' 30"
Rod = 8.00 @ − 3° 47' 00"

Sight on TC-27
Rod = 4.00 @ − 0° 59' 30"
Rod = 8.00 @ − 0° 49' 45"



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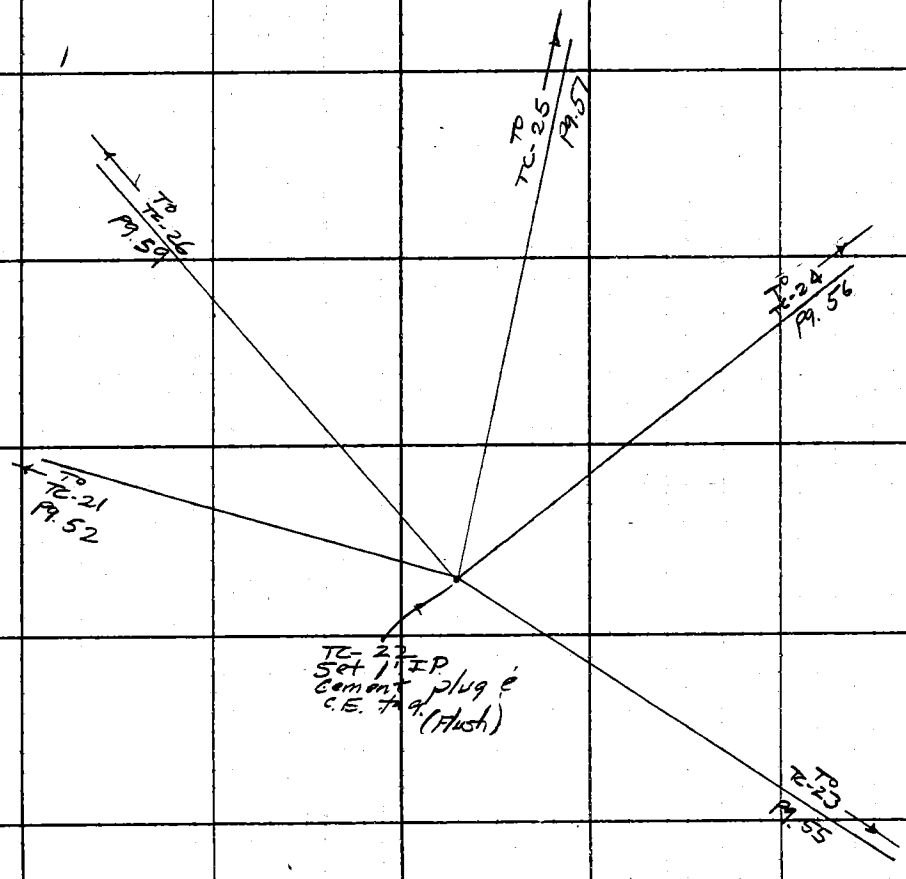
Notes Ck'd by F. CESSOR	Survey of Whites Cyn Rd
Map No.	JN 0095139 Tape 143 Std 89 °F
Office Work	Surveyed by W-1 Voge
Checked	Notes Voge Date 8-10-64
Date	Indexed G. J. GALM

F. B. 3203 PG. 53

T @ TC-22

H.I = 5.24

T = Askania #580792 FB G 1026-32,33 & 34



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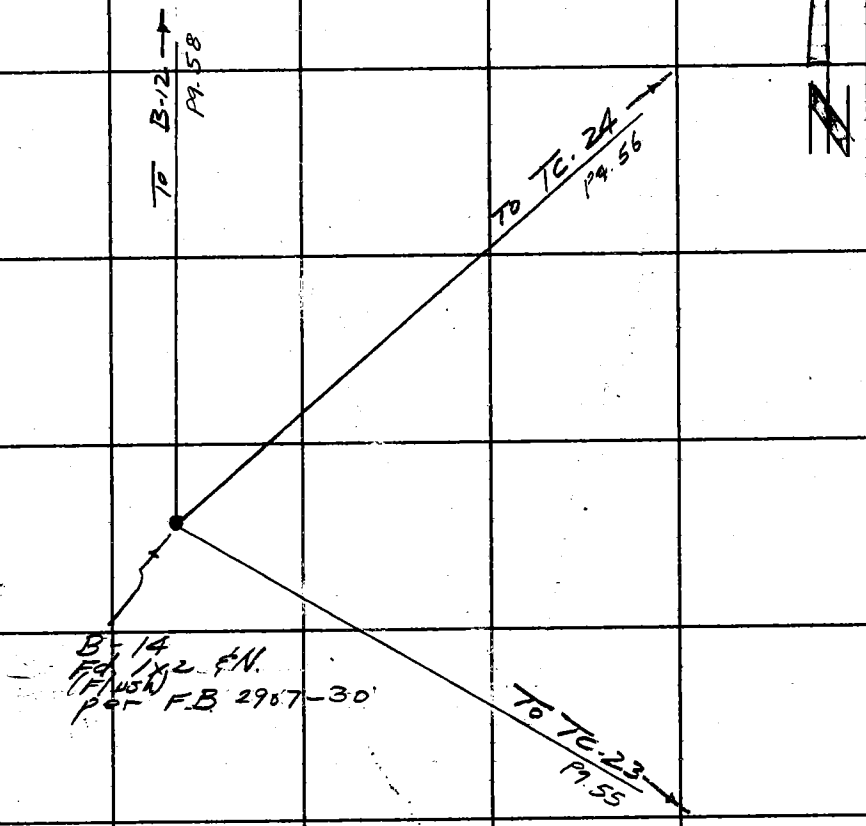
76F309S CE #310 6-62

F. B. 3203 PG. 54

T @ B-14
H.I. = 5.02

T = ASRANIA #580792
FB-G-1026-35 & 36



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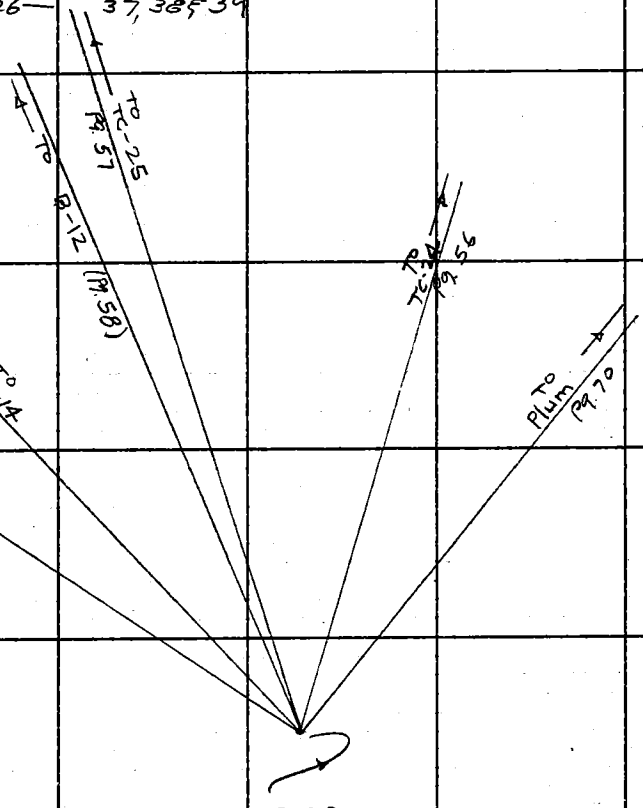
Notes Ck'd by F. CESSOR	Survey of Whites Cyn Rd	F. B. 3203	PG. 55
Map No.	JN 00959 Tape 143 Std 84 °F		
Office Work	Surveyed by W J Voge		
Checked	Notes V o g e Date 8-11-64		
Date	Indexed E. J. GALLI		

T @ TC-23

HJ = 5.31

T = Astonia #580792

FB G 1026 — 37,385.39



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76F309S CE # 310 3-61

F. B. 3203 Pg. 56

T @ TC-24

HI = 4.76

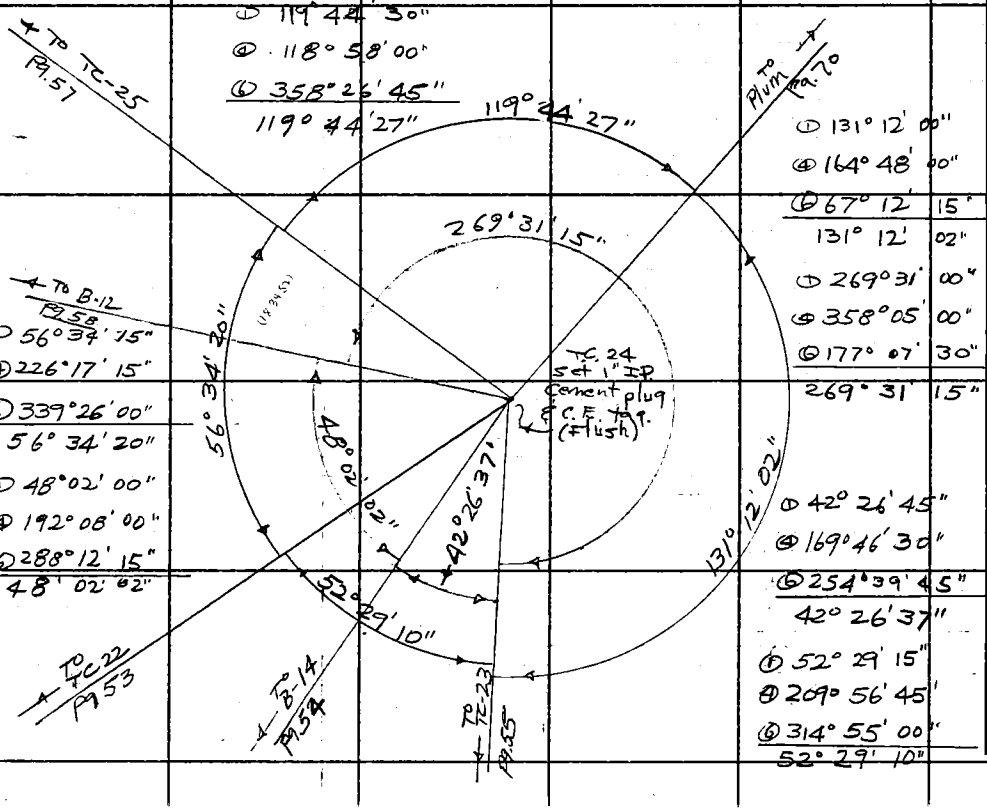
T = K+E 30" Transit # 113907

Sight on TC-22
Rod = 4.00 @ −1°40' 00"
Rod = 8.00 @ −1°32' 00"

Sight on TC-23
Rod = 2.00 @ −2°02' 30"
Rod = 8.00 @ −1°48' 30"

Sight on TC-25
Rod = 2.00 @ −1°08' 45"
Rod = 8.00 @ −0°50' 00"

Sight on Plum
Rod = 5.50 @ +2°00' 30"
Rod = 13.65 @ +2°20' 00"



119° 44' 30"
118° 58' 00"
358° 26' 45"
119° 44' 27"

56° 37' 15"
226° 17' 15"
339° 26' 00"
56° 34' 20"

48° 02' 00"
192° 08' 00"
288° 12' 15"
48° 02' 02"

131° 12' 00"
164° 48' 00"
67° 12' 15"
131° 12' 02"

269° 31' 00"
358° 05' 00"
177° 07' 30"
269° 31' 15"

42° 26' 45"
169° 46' 30"
254° 39' 45"
42° 26' 37"

52° 29' 15"
209° 56' 45"
314° 55' 00"
52° 29' 10"

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Notes Ck'd by F. CESSOR	Survey of Whites Gyn Rd
Map No.	JN 0095.39 Tape 143 Std 84°F
Office Work	Surveyed by K/ J Voge
Checked	Notes Voge Date 8-11-64
Date	Indexed B. J. GALLI

F. B. 3203 PG. 57

T @ TC-25

HI = 4.92

T = K+E 30" Transit 113907

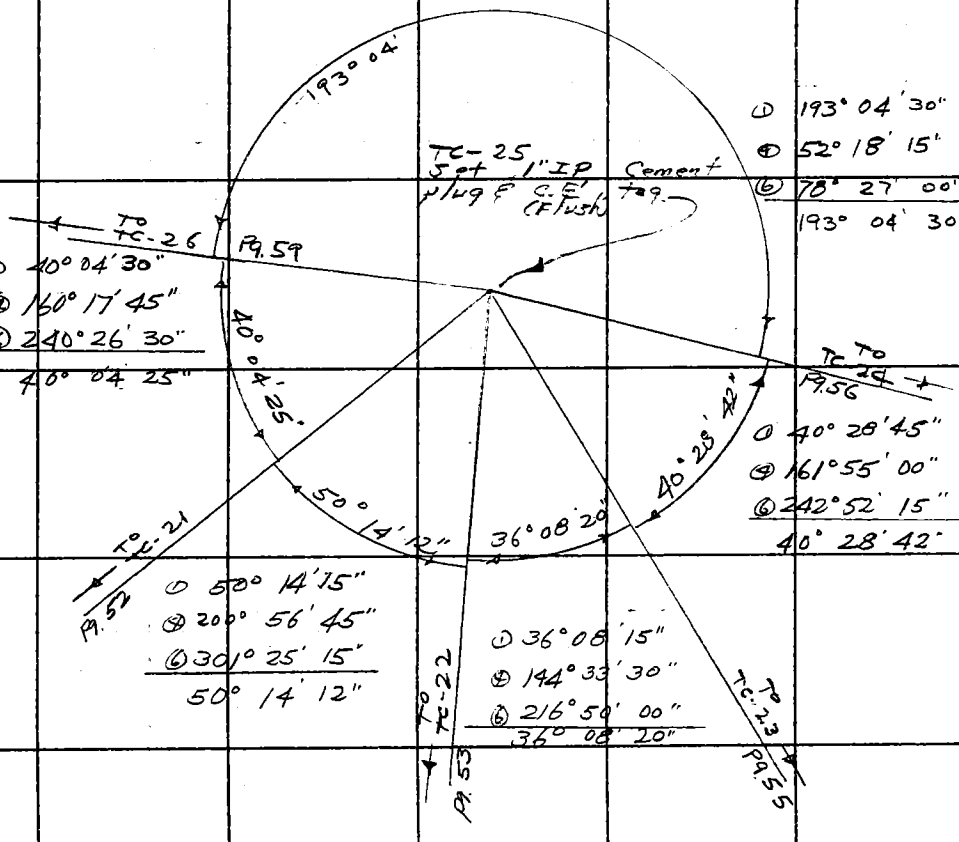
Sight on TC-21
Rod = 4.00 @ −5°10'00"
Rod = 8.00 @ −5°02'15"

Sight on TC-23
Rod = 2.00 @ −0°52'45"
Rod = 8.00 @ −0°43'15"

Sight on TC-22
Rod = 4.00 @ −1°06'00"
Rod = 8.00 @ −0°54'45"

Sight on TC-24
Rod = 4.00 @ +0°56'15"
Rod = 8.00 @ +1°08'30"

Sight on TC-26
Rod = 2.00 @ −4°43'00
Rod = 8.00 @ −4°23'45



① 193° 04' 30"
② 52° 18' 15"
③ 78° 27' 00"
193° 04' 30"

① 40° 04' 30"
② 160° 17' 45"
③ 240° 26' 30"
40° 04' 25"

① 40° 28' 45"
② 161° 55' 00"
③ 242° 52' 15"
40° 28' 42"

① 50° 14' 15"
② 200° 56' 45"
③ 301° 25' 15"
50° 14' 12"

① 36° 08' 15"
② 144° 33' 30"
③ 216° 50' 00"
36° 08' 20"

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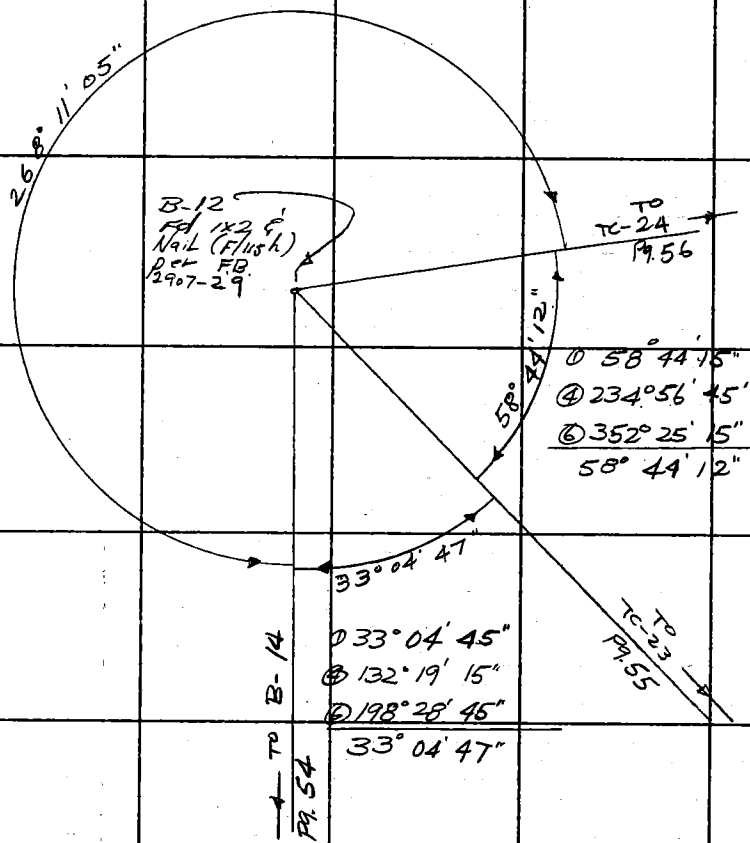
76F3095 CE # 310 3-61

F. B. 3203 Pg. 58

T @ B-12

T = K+E 30" Transit 11.3907

① 268° 11' 00"
④ 352° 44' 15"
⑥ 169° 06' 30"
268° 11' 05"



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Notes Ck'd by F. CESSOR	Survey of Whites Gn. Rd
Map No.	JN 0095.39 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 8-14-64
Date	Indexed E. J. GALLI

F. B. 3203 PG. 59

T @ TC-26

HI=5.04

T = K+E 30" Transit #113907

Sight on TC-20
Rod = 2.00 @ − 4°48'00"
Rod = 8.00 @ − 4°37'00"

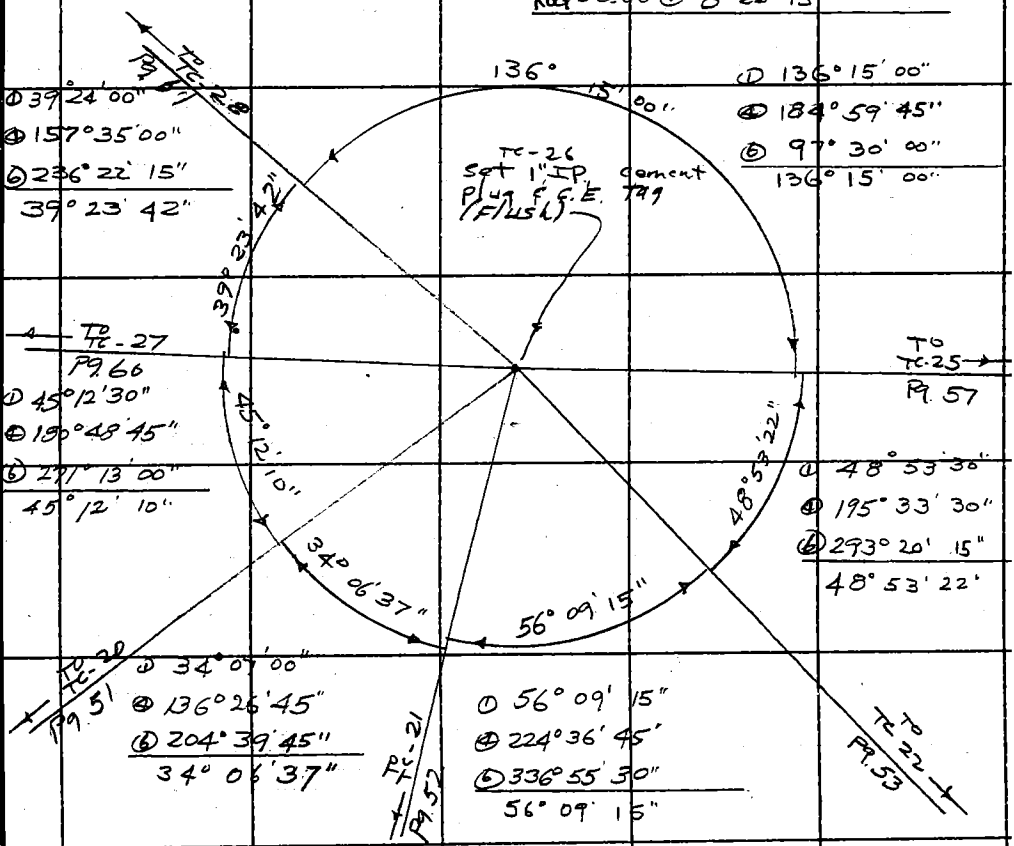
Sight on TC-21
Rod = 2.00 @ − 3°48'30"
Rod = 8.00 @ − 3°31'45"

Sight on TC-22
Rod = 2.00 @ + 2° 04'45"
Rod = 8.00 @ + 2° 17' 30"

Sight on TC-25
Rod = 4.00 @ + 4°30' 30"
Rod = 5.50 @ + 4° 35' 30"

Sight on TC-27
Rod = 2.00 @ − 5° 40' 15"
Rod = 8.00 @ − 5° 21' 22"

Sight on TC-28
Rod = 2.00 @ − 8°39' 45"
Rod = 8.00 @ − 8° 22' 15"



① 39°24'00"
② 157°35'00"
③ 236°22' 15"
39° 23' 42"

① 136°15' 00"
② 184°59' 45"
③ 97° 30' 00"
136° 15' 00"

① 45°12'30"
② 190°48'45"
③ 271° 13' 00"
45° 12' 10"

① 48° 53' 30"
② 195° 33' 30"
③ 293° 20' 15"
48° 53' 22"

① 34° 07' 00"
② 136°26'45"
③ 204° 39' 45"
34° 06' 37"

① 56° 09' 15"
② 224°36' 45"
③ 336°55' 30"
56° 09' 15"

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

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76F3095 CE # 310 3-61

F. B. 3203 PG. 60

T @ TC-27

HI = 5.19

T = K&E 30" Transit #113907

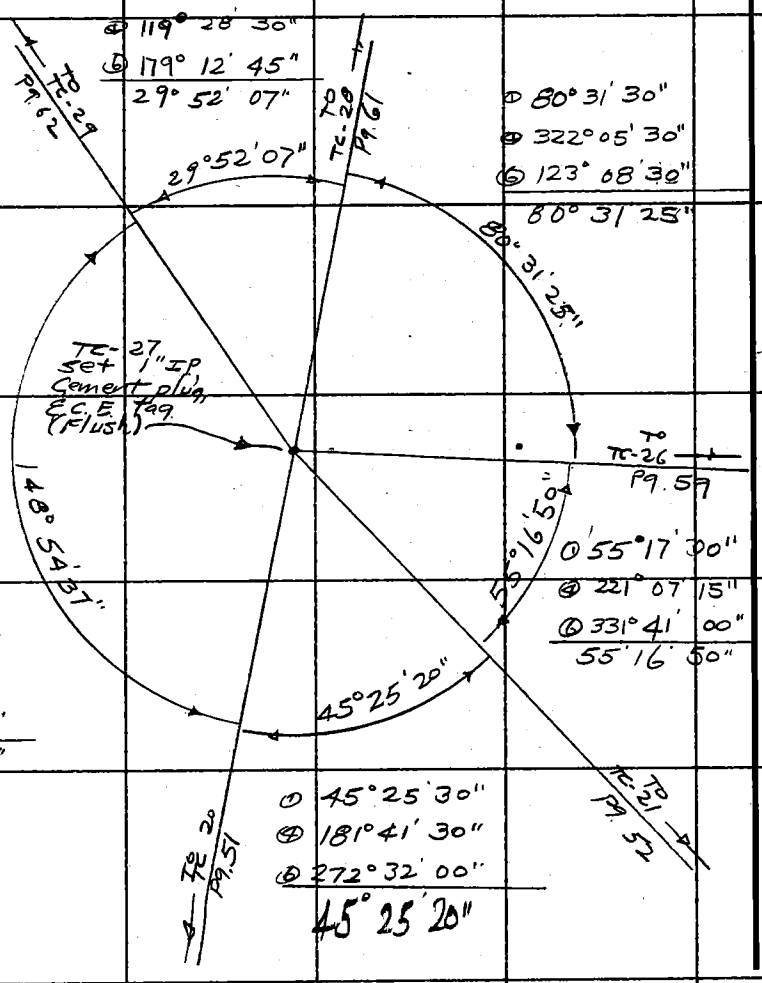
Sight on TC-20
Rod = 2.00 @ − 2° 19' 00"
Rod = 8.00 @ − 2° 02' 30"

Sight on TC-21
Rod = 2.00 @ + 0° 48' 37"
Rod = 8.00 @ + 1° 02' 00"

Sight on TC-26
Rod = 2.00 @ + 5° 19' 30"
Rod = 8.00 @ + 5° 39' 00"

Sight on TC-28
Rod = 2.00 @ − 5° 59' 45"
Rod = 8.00 @ − 5° 38' 15"

Sight on TC-29
Rod = 2.00 @ − 11° 43' 30"
Rod = 8.00 @ − 11° 25' 00"



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Notes Ck'd by F. CESSOR	Survey of Whites Cyn. Rd.
Map No.	JN 0095.39 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 8-11-64
Date	Indexed J. GALLI

F. B. 3203 PG. 61

T @ TC-28

H.I = 4.87

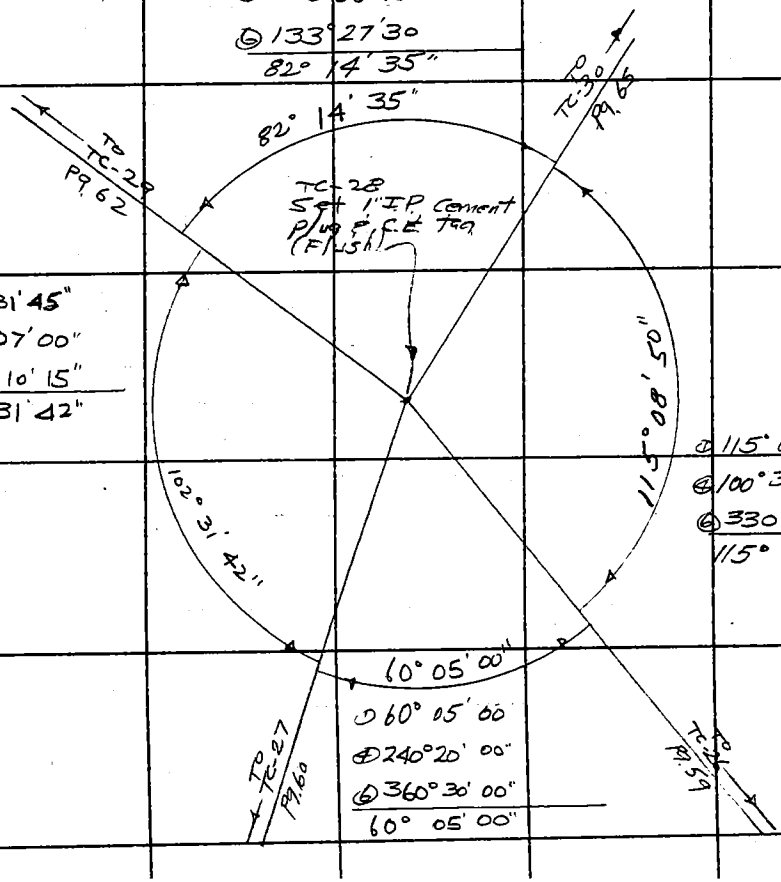
T = K+E 30' Transit # 113907

Sight on TC-26
Rod = 4.00 @ + 8°27'45"
Rod = 8.00 @ + 8°38'45"

Sight on TC-27
Rod = 2.00 @ + 5°33'30"
Rod = 8.00 @ + 5°59'30"

Sight on TC-29
Rod = 2.00 @ − 14°25'00"
Rod = 8.00 @ − 13°48'15"

Sight on TC-30
Rod = 2.00 @ − 5°49'15"
Rod = 8.00 @ − 5°35'00"



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76F3095 CE # 310 3-61

F. B. 3203 PG. 62

π @ TC-29

H.I. = 5.25

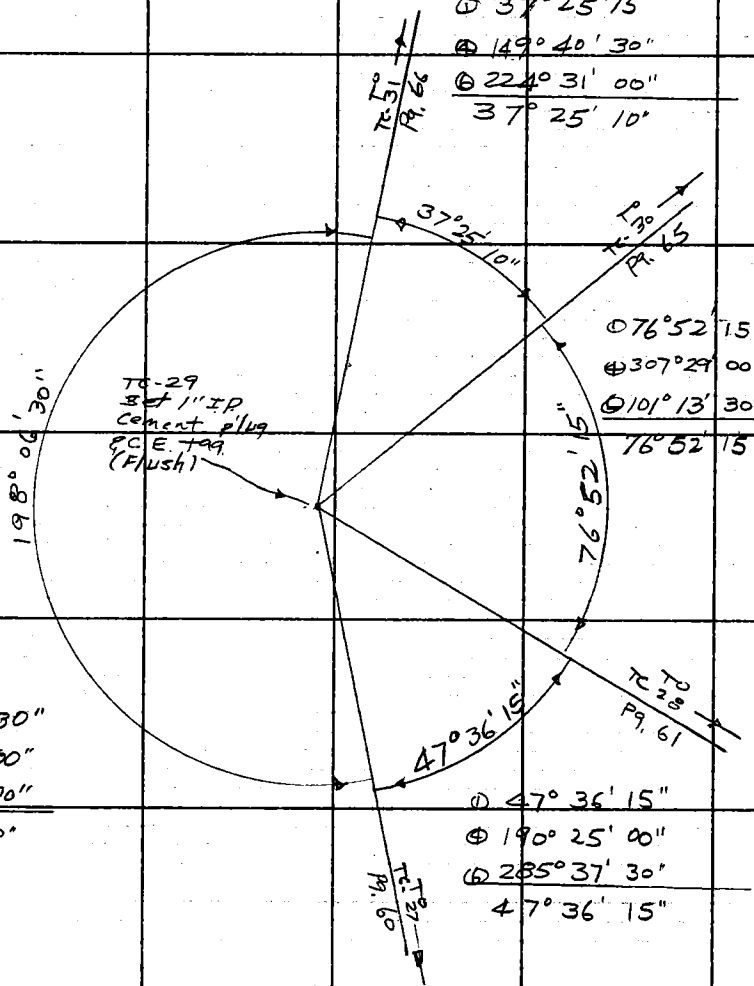
π = K+E 30" Transit # 143907

Sight on TC-27
Rod = 2.00 @ + 11°23'30"
Rod = 8.00 @ + 11°42'15"

Sight on TC-28
Rod = 4.00 @ + 13°59'45"
Rod = 8.00 @ + 14°24'00"

Sight on TC-30
Rod = 2.00 @ − 0°34'30"
Rod = 8.00 @ − 0°19'45"

Sight on TC-31
Rod = 2.00 @ − 2°54'00"
Rod = 8.00 @ − 2°43'15"



① 37°25'15"
② 149°40'30"
③ 224°31'00"
37°25'10"

① 76°52'15"
② 307°29'00"
③ 101°13'30"
76°52'15"

① 198°06'30"
② 72°25'00"
③ 108°39'00"
198°06'30"

① 47°36'15"
② 190°25'00"
③ 285°37'30"
47°36'15"

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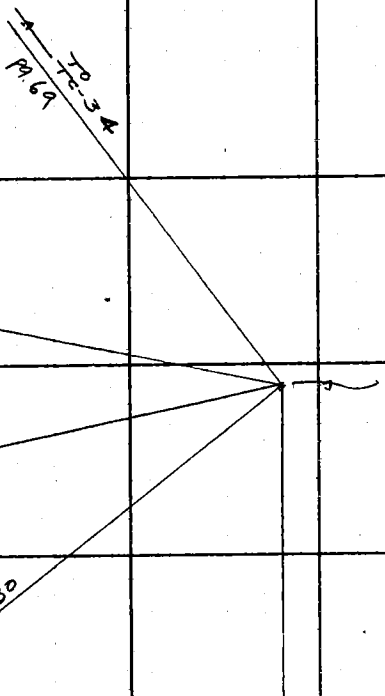
Map No.	JN 0095 39 Tape 143 Std 84 °F
Office Work	Surveyed by N. J. Voge
Checked	Notes Voge Date 8-5-64
Date	Indexed E. J. GALLI

F. B. 3203 PG. 63

TC B1

H.I. = 5.41

T-3 #41081 FB 6 1026-16, 17, & 18



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76F309S CE #3 0 8-62

F. B. 3203 PG 64

T @ B-9

H.I = 5.06

T = K+E 30' Transit #113 907

Sight on TC-30

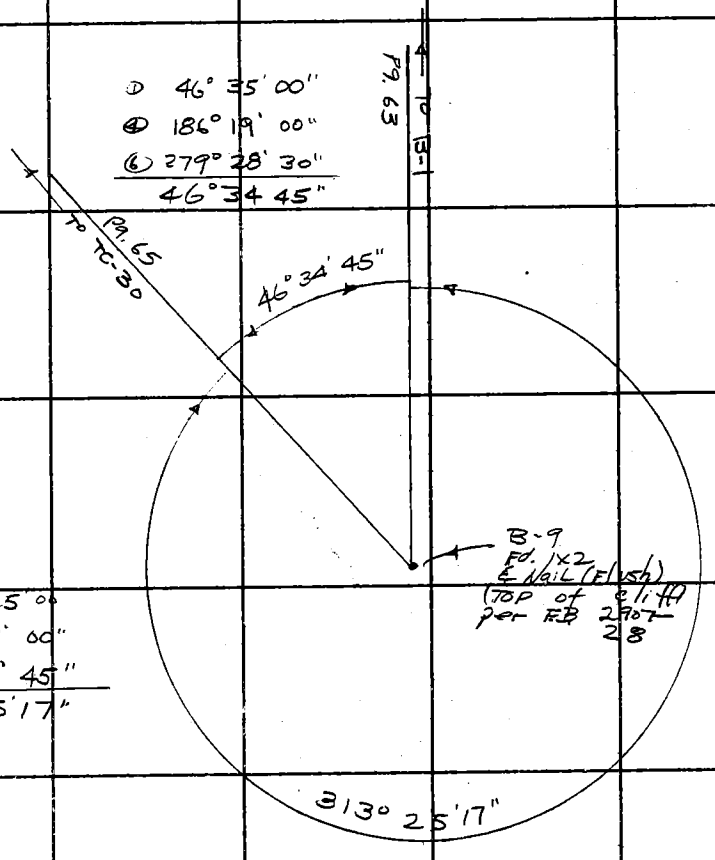
Rod = 2.00 @ — 9°20'30"

Rod = 8.00 @ — 9°12'00"

Sight on B-1

Rod = 2.00 @ — 9°59'30"

Rod = 8.00 @ — 9°51'30"



① 46° 35' 00"

② 186° 19' 00"

③ 279° 28' 30"

46° 34' 45"

① 313° 25' 00

② 173° 41' 00"

③ 80° 31' 45"

313° 25' 17"

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Notes Ck'd by F. CESSOR	Survey of Whites Cyn. Rd	F. B. 3203 PG. 65
Map No.	JN 0095.39 Tape 143 Std 54 °F	
Office Work	Surveyed by W. J. VOGE	
Checked	Notes I. RANGEL Date 8-6-64	
Date	Indexed R. J. GALLI	

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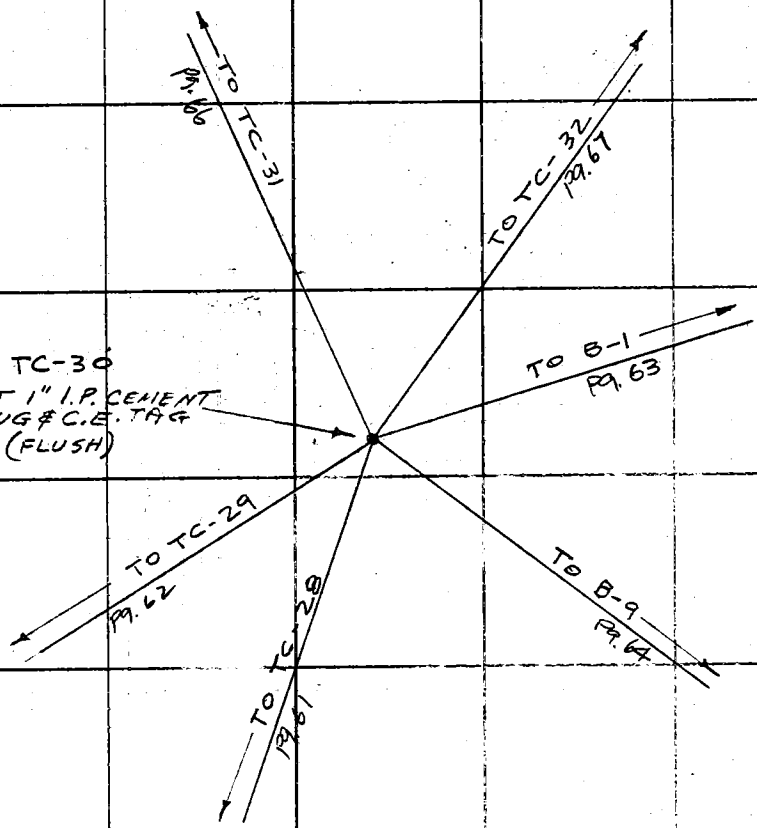
7 6 F 3 0 9 5 C.E. #3 0 6-62

Π @ TC-30

H.I. = 5.42'

Π = T-3 #41081

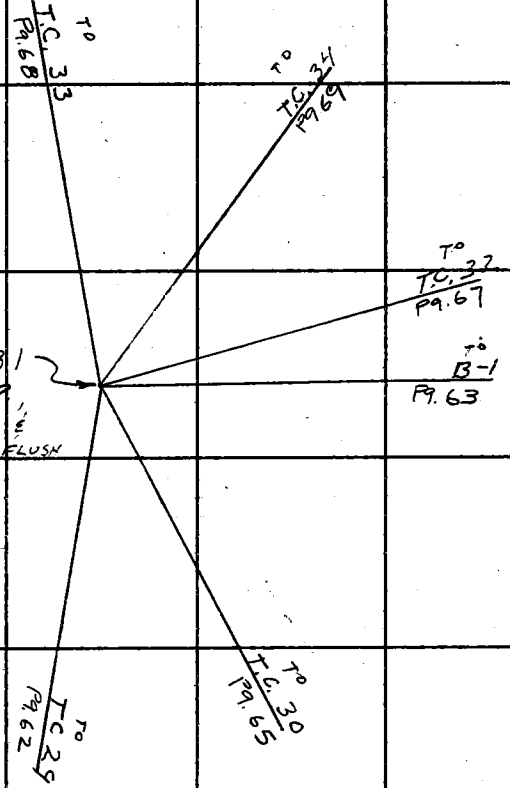
F.B. G-1026-23, 24, 25 & 26



F. B. 3203 PG. 66

T @ T.C. 31
H. I. = 4.74

T = T-3 = 41081 PER
F.B. G-1026-19, 20 & 21



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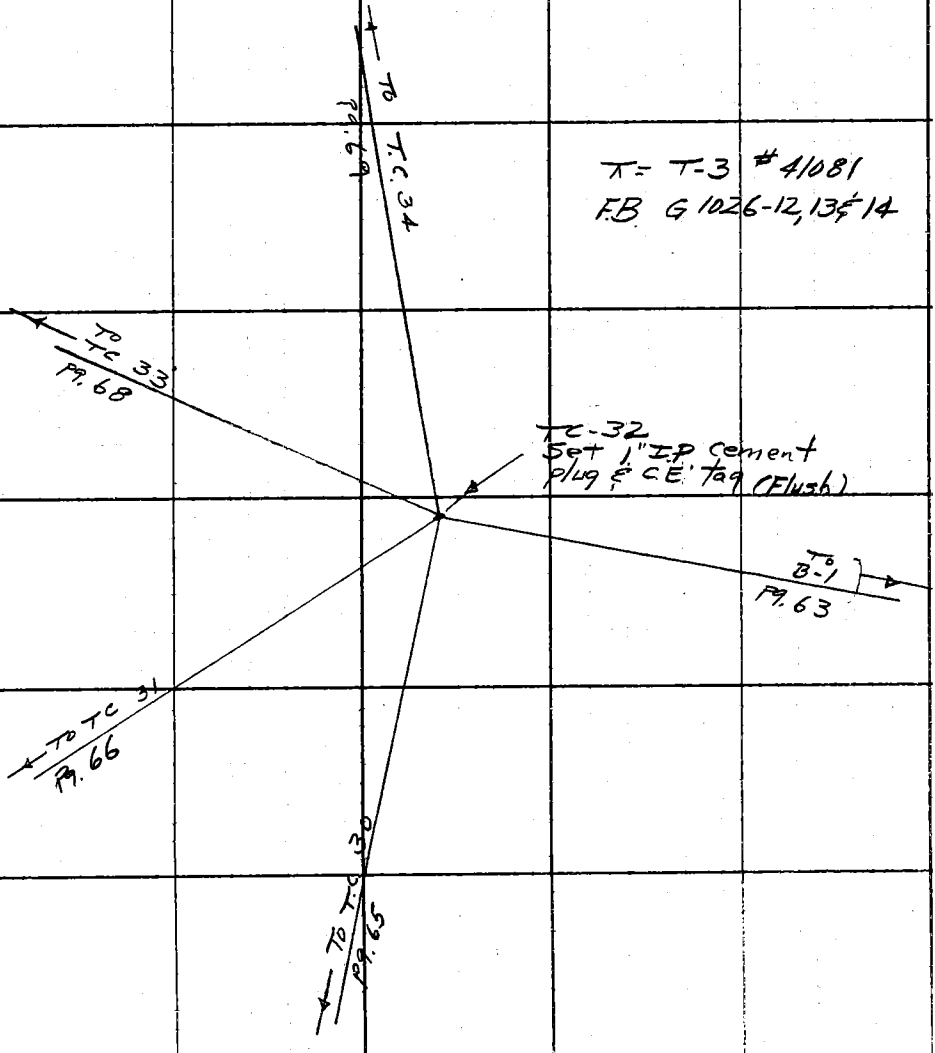
Notes Ck'd by F. CESSOR	Survey of Whites Gyn Rd
Map No.	JN 0095.39 Tape 143 Std 84 °F
Office Work	Surveyed by H. J. Vega
Checked	Notes Vega Date 8-9-64
Date	Indexed C. J. GALL

F. B. 3203 PG. 67

T @ T.C. 32

H.I. = 5.48



T = T-3 #41081
F.B. G 1026-12, 13 & 14

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78F3095 C.E. #310 6-62

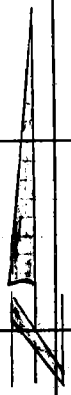
F. B. 3203 PG. 68

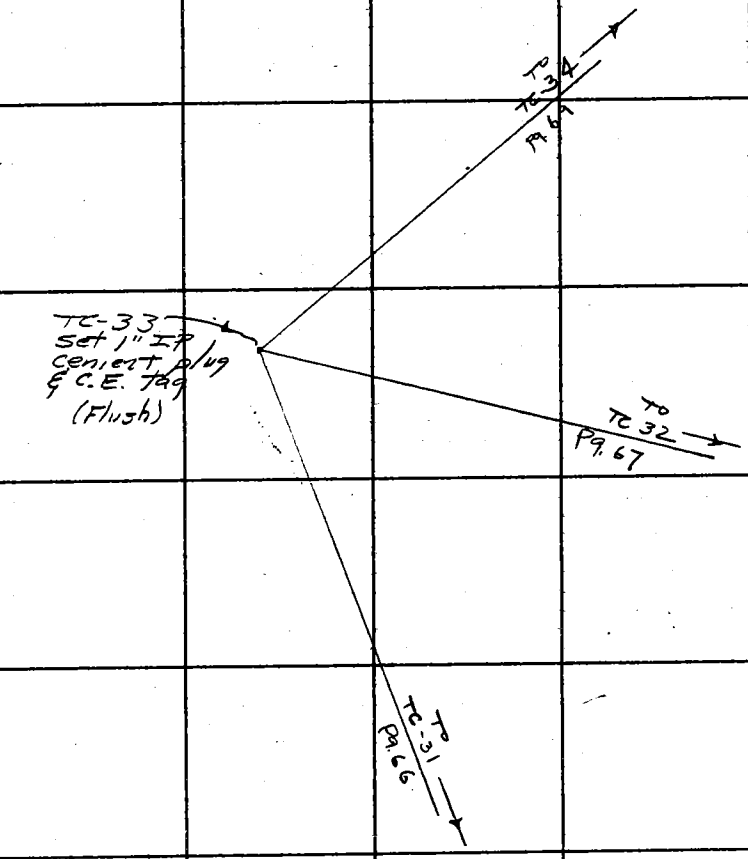
T @ TC-33

H.I = 5.21

T = TC3 #41081

FB 6 1026-10&11





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Notes Ck'd by F. CESSOR	Survey of WHITES CYN. RD.	F. B. 3203 PG. 69
Map No.	JN 009539 Tape 143 Std. 84 °F	
Office Work	Surveyed by J. FULTON	
Checked	Notes J.R.F. Date 7-21-64	
Date	Indexed C. J. GALLI	

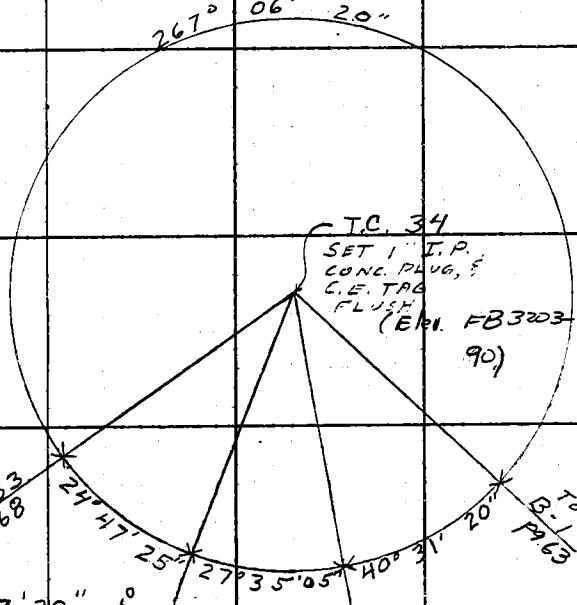
T @ TC 34
H.I. = 5.23
T = K+E 30' Transit 113907

SIGHT ON B-1
ROD = 5.00 @ + 0° 49' 45"
ROD = 9.00 @ + 0° 57' 00"

SIGHT ON TC 32
ROD = 4.00 @ − 0° 30' 15"
ROD = 8.00 @ − 0° 20' 30"

SIGHT ON TC 31
ROD = 2.00 @ + 1° 16' 15"
ROD = 8.00 @ + 1° 25' 30"

SIGHT ON TC 33
ROD = 4.00 @ − 3° 34' 00"
ROD = 8.00 @ − 3° 25' 45"



① 267° 06' 30"
④ 348 25 30
⑥ 162 38 00
267° 06' 20"

① 24° 47' 30"
④ 99 10 00
⑥ 148 44 30
24° 47' 25"

① 27° 35' 05"
④ 110 20 30
⑥ 165 30 30
27° 35' 05"

① 40° 31' 30"
④ 162 05 15
⑥ 243 08 00
40° 31' 20"

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76F309S CE #3 10 6-62

F. B. 3203 PG. 70

T @ Plum

H.I. = 4.97

T = K+E 30" Transit #113907

Sight on TC-23

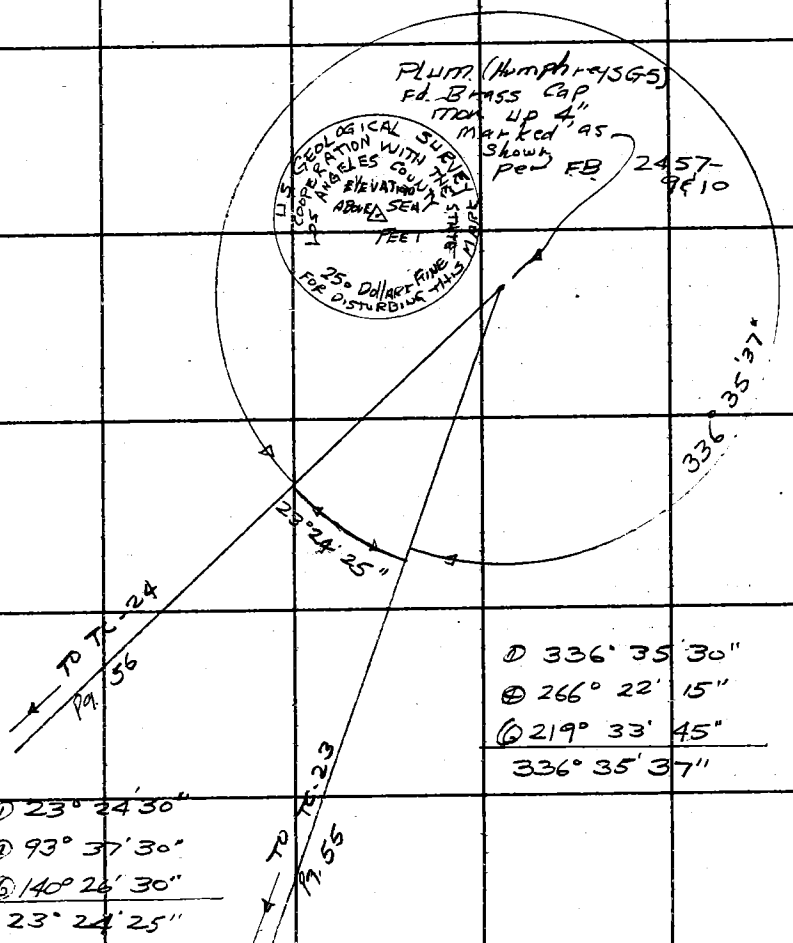
Rod = 2.00 @ -2° 14' 30"

Rod = 8.00 @ -2° 06' 45"

Sight on TC-24

Rod = 2.00 @ -2° 07' 15"

Rod = 8.00 @ -1° 53' 15"



① 336° 35' 30"
② 266° 22' 15"
⑥ 219° 33' 45"
336° 35' 37"

① 23° 24' 30"
② 93° 37' 30"
⑥ 140° 26' 30"
23° 24' 25"

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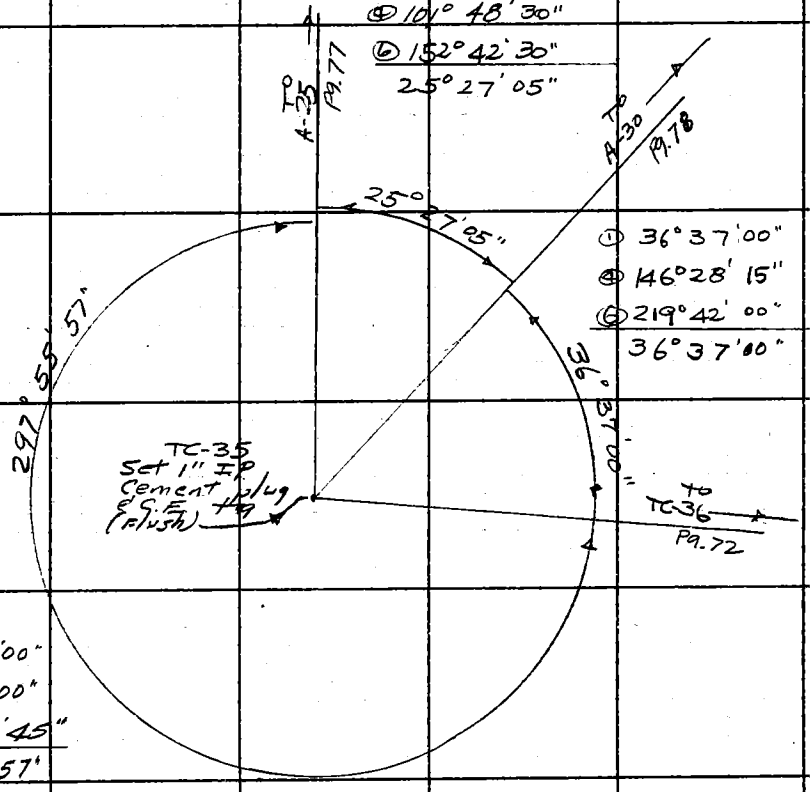
Notes Ck'd by	Survey of Whites Cyn. Rd.
Map No.	JN 009539 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 8-19-64
Date	Indexed E. J. GALLI

F. B. 3203 PG. 71

T @ TC-35
HI = 5.05
T = K+E 30' Transit #113907

Sight on A-30
Rod = 2.00 @ -3° 31' 15"
Rod = 8.00 @ -3° 22' 45"

Sight on TC 36
Rod = 5.00 @ +3° 07' 30"
Rod = 9.00 @ +3° 20' 15"



① 297° 56' 00"
④ 111° 44' 00"
⑥ 347° 35' 45"
297° 55' 57"

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76F309S CE # 310 3-61

F. B. 3203 PG. 72

T @ TC-36

H.I. = 5.10

T = K+E 30" Transit #113907

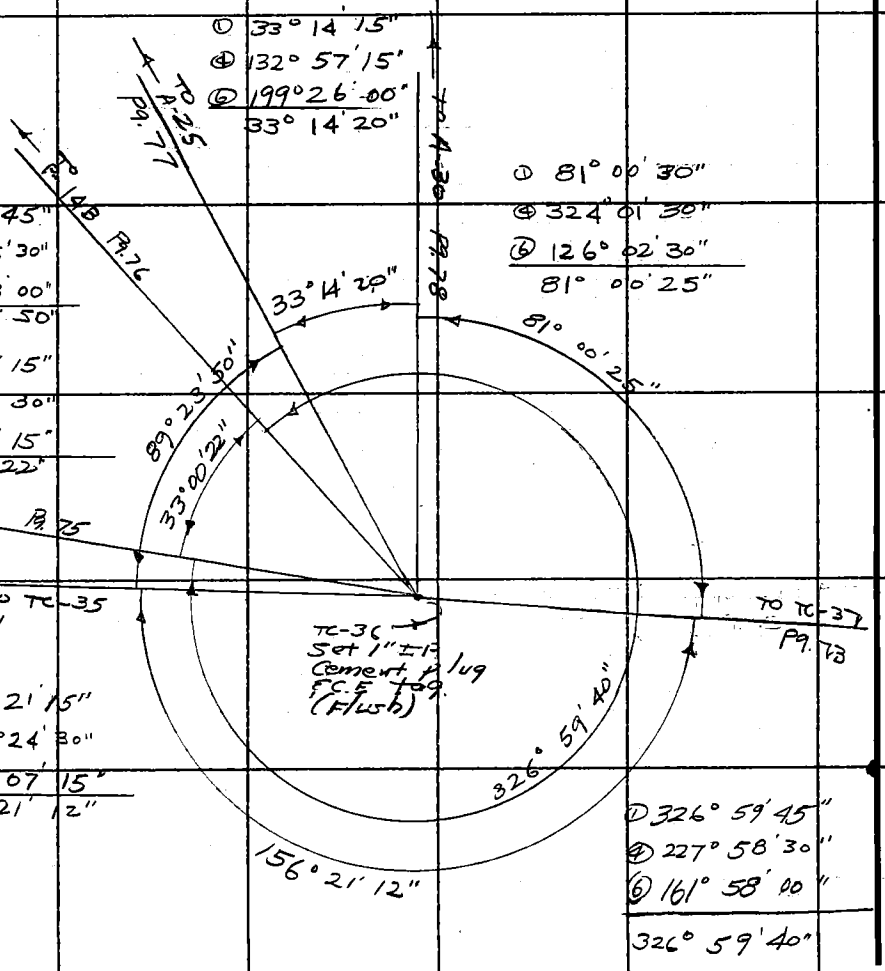
Sight on P-14
Rod = 2.00 @ −14°12'45"
Rod = 8.00 @ −14°00'15"

Sight on P-14B
Rod = 2.00 @ −16°49'45"
Rod = 8.00 @ −16°34'00"

Sight on A-30
Rod = 4.00 @ −6°43'45"
Rod = 8.00 @ −6°36'15"

Sight on TC-35
Rod = 6.00 @ −3°05'30"
Rod = 9.00 @ −2°55'45"

Sight on TC-37
Rod = 2.00 @ −5°57'00"
Rod = 8.00 @ −5°36'15"



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Notes Ck'd by	Survey of Whites Gin Rd
Map No.	JN 0095.39 Tape 143 Std 84 °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 8-19-64
Date	Indexed C. J. GALLI

F. B. 3203 PG. 23

T @ TC-37

H.I = 4.90

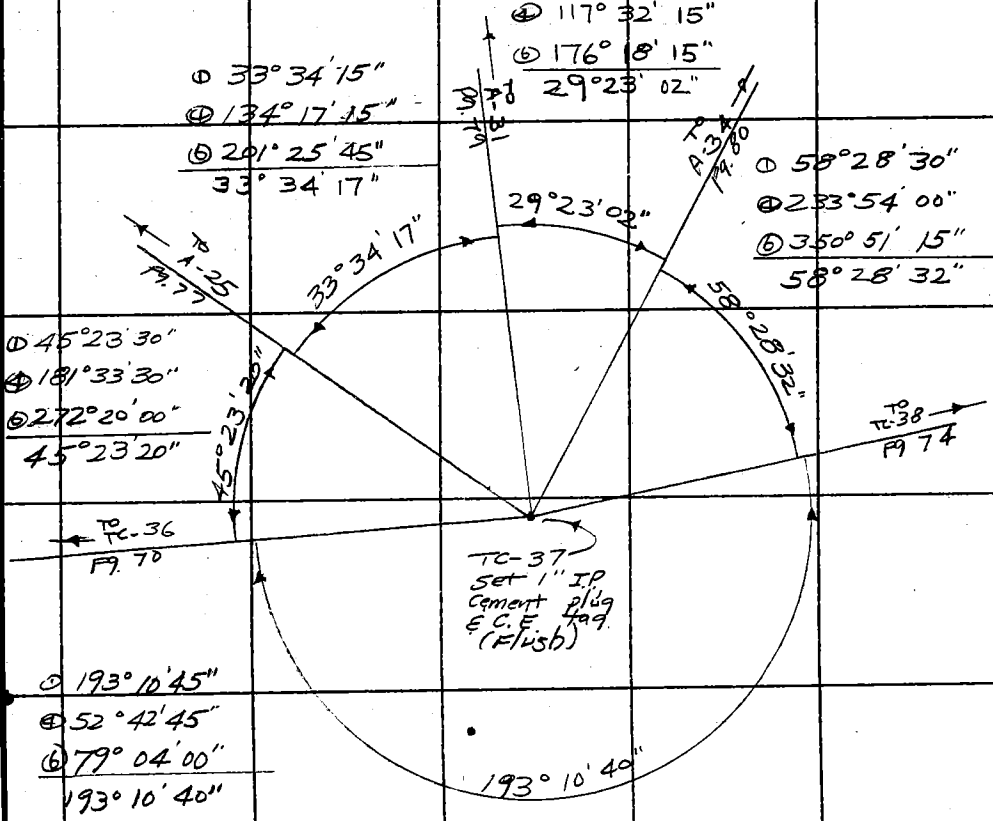
T = K+E 30" Transit #113907

Sight on A-31
Rod = 2.00 @ — 0°52'15"
Rod = 8.00 @ — 0°40'45"

Sight on TC-36
Rod = 2.00 @ + 5°36'15"
Rod = 8.00 @ + 5°57'00"

Sight on A-34
Rod = 2.00 @ — 7°47'15"
Rod = 8.00 @ — 7°37'00"

Sight on TC-38
Rod = 2.00 @ — 11°12'30"
Rod = 8.00 @ — 10°42'15"



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76F309S CE # 310 3-61

F. B. 3203 PG. 74

π @ TC-38

H.I = 5.05

π = K+E 30" Transit #113907

Sight on A-31

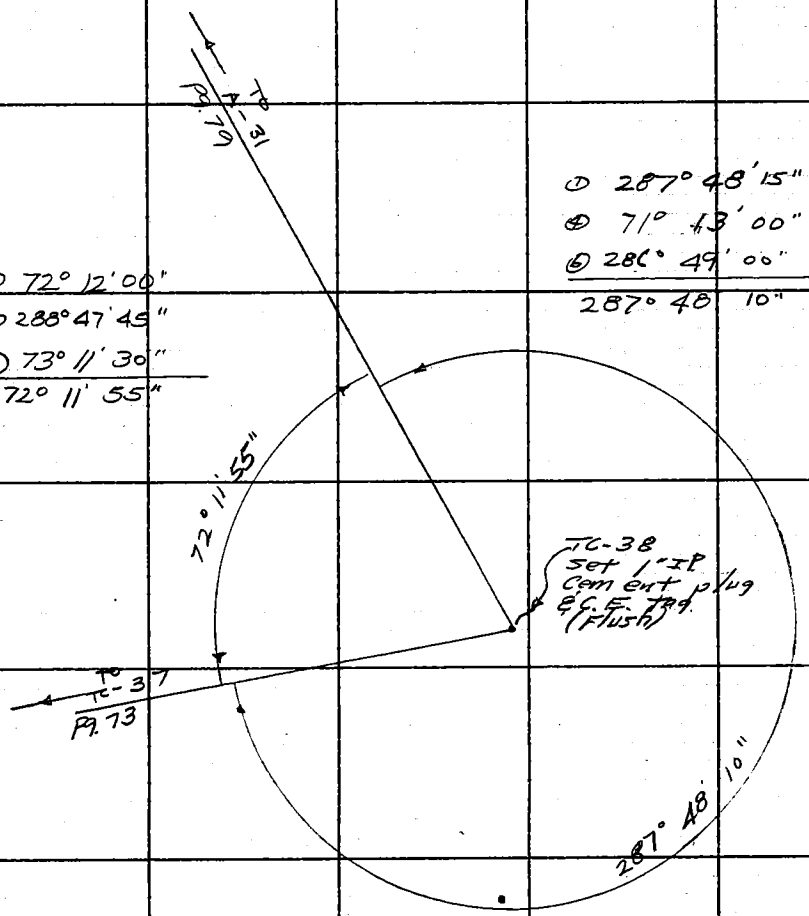
Rod = 2.00 @ +2°57'30"

Rod = 8.00 @ +3°08'15"

Sight on TC-37

Rod = 2.00 @ +10°42'30"

Rod = 8.00 @ +11°12'30"



① 72° 12' 00"
② 288° 47' 45"
③ 73° 11' 30"
72° 11' 55"

① 287° 48' 15"
② 71° 13' 00"
③ 286° 49' 00"
287° 48' 10"

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Notes Ck'd by	Survey of Whites Gn Rd
Map No.	JN 109539 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 8-19-64
Date	Indexed C. J. GALLI

F. B. 3203 PG. 75

T @ P-14

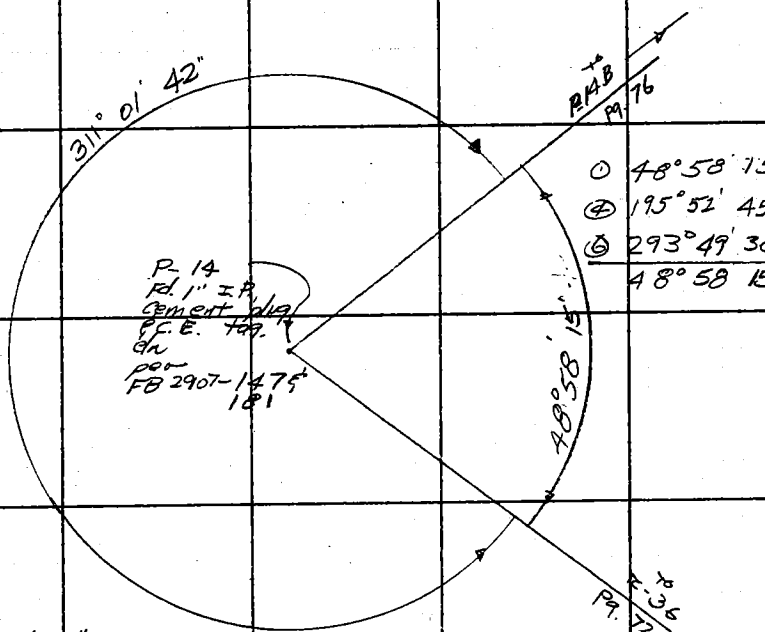
H.I = 5.88

T = K+E 30" Transit #113907

Sight on TC-36

Rod- 4.00 @ +14° 01' 30"

Rod= 8.00 @ +14° 09' 45"



① 48° 58' 15"
② 195° 52' 45"
③ 293° 49' 30"
48° 58' 15"

① 311° 01' 45"
② 164° 07' 00"
③ 66° 10' 15"
311° 01' 42"

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

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76F3095 CE # 310 3-61

F. B. 3203 PG. 76

T @ P-14B

HI = 5.03

T = K+E 30" Transit # 113907

Sight on TC-36

Rod = 4.00 @ +16°38'45"

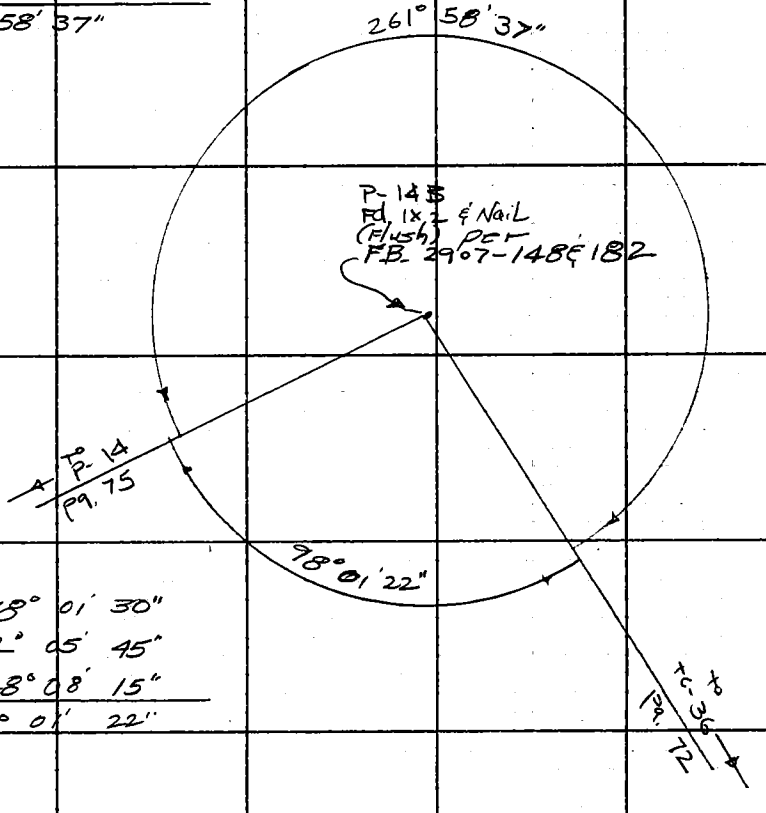
Rod = 8.00 @ +16°49'45"

① 261° 58' 30"

④ 327° 54' 15"

⑥ 131° 51' 45"

261° 58' 37"



① 98° 01' 30"

④ 32° 05' 45"

⑥ 228° 08' 15"

98° 01' 22"

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Notes Ck'd by	Survey of Whites Gn. Rd.	F. B. 3203 PG. 77
Map No.	JN 009539 Tape 143 Std. 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 8-26-64	
Date	Indexed J. GALLI	

T @ A-25

T = K+E 30" Transit #113907

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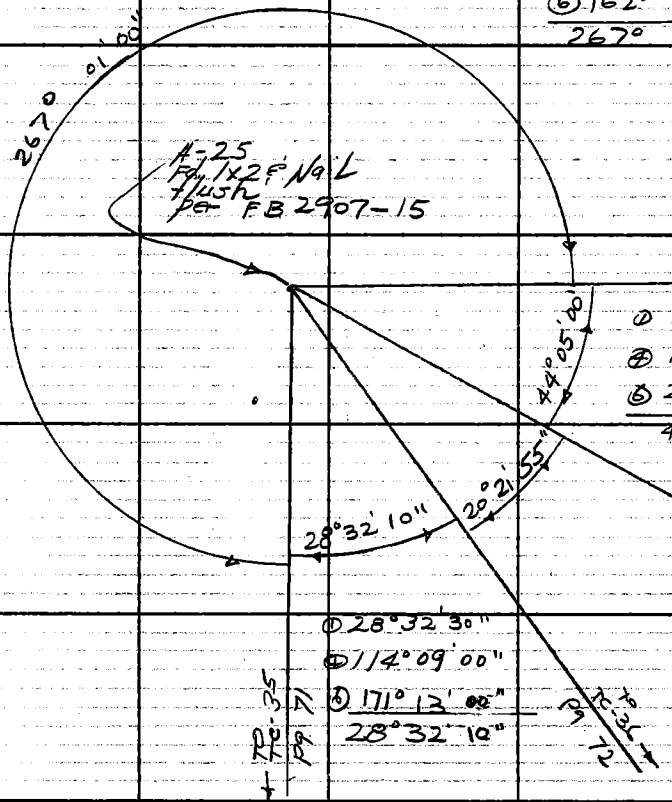
① 267° 01' 00"
④ 348° 04' 00"
⑥ 162° 06' 00"
267° 01' 00"



To A-31 Pg. 79
① 44° 05' 00"
④ 176° 20' 00"
⑥ 264° 30' 00"
44° 05' 00"

To TC-37 Pg 73
① 20° 22' 00"
④ 81° 27' 45"
⑥ 122° 11' 30"
20° 21' 55"

① 28° 32' 30"
④ 114° 09' 00"
⑥ 171° 13' 00"
28° 32' 10"

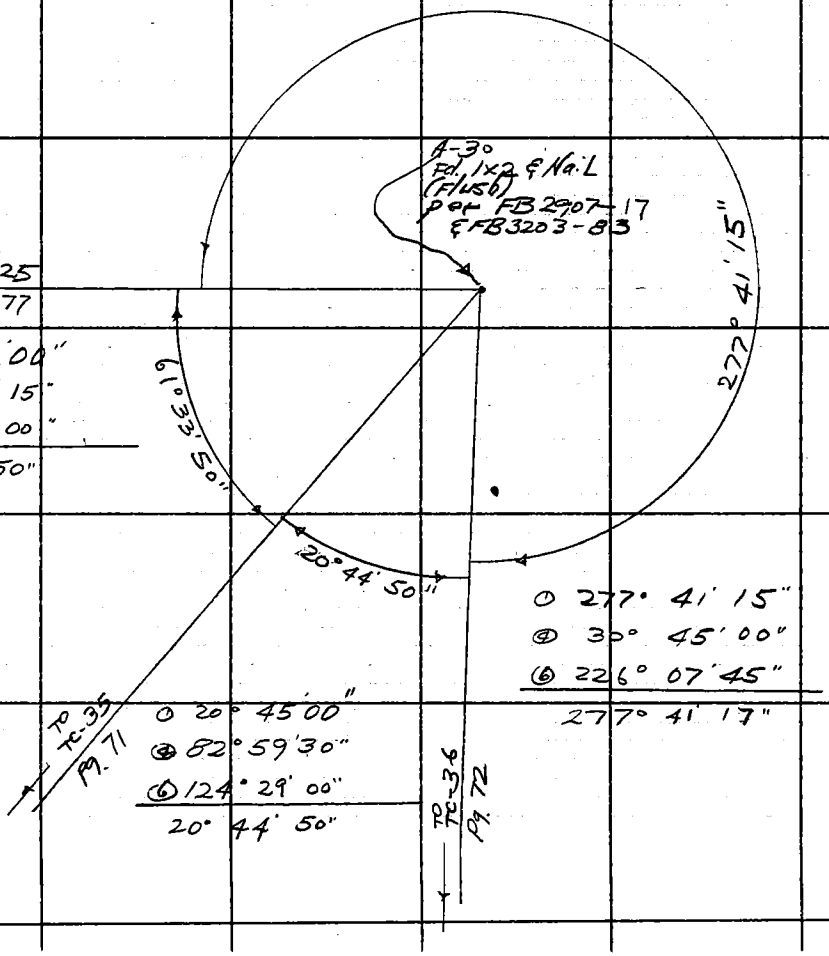
To TC-35 Pg 72

F. B. 3203 PG. 78

T @ A-30
H.I. = 4.93'
T = K+E 30" transit #13907

Sight on TC-35
Rod = 2.00 @ +3°22'15"
Rod = 8.00 @ +3°30' 30"

Sight on TC-36
Rod = 2.00 @ +6°36'30"
Rod = 8.00 @ +6°47' 45"



① 61° 34' 00"
② 246° 15' 15"
③ 9° 23' 00"
61° 33' 50"

① 277° 41' 15"
② 30° 45' 00"
③ 226° 07' 45"
277° 41' 17"

① 20° 45' 00"
② 82° 59' 30"
③ 124° 29' 00"
20° 44' 50"

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Notes Ck'd by	Survey of Whites Gyn. Rd.
Map No.	JN 009539 Tape 143 Std 84 °F
Office Work	Surveyed by W. J. Voge
Checked	Notes Voge Date 8-21-64
Date	Indexed J. GALLI

F. B. 3203 PG. 79

T @ A-31

HI = 5.26

T = K+E 30" transit #113907

Sight on TC-37

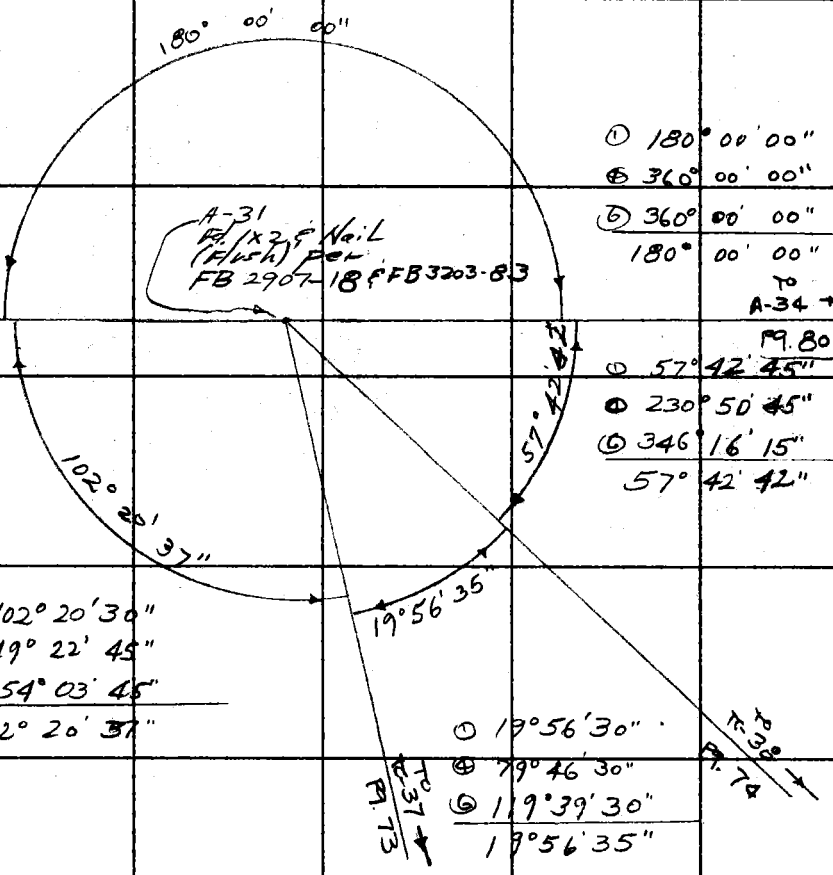
Rod = 2.00 @ + 0°40'00"

Rod = 8.00 @ + 0°51'30"

Sight on TC-38

Rod = 2.00 @ − 3°09'00"

Rod = 8.00 @ − 2°59'00"



① 180° 00' 00"
⊕ 360° 00' 00"
⑥ 360° 00' 00"
180° 00' 00"

TO A-34 +
Pg. 80

① 57° 42' 45"
⊕ 230° 50' 45"
⑥ 346° 16' 15"
57° 42' 42"

① 102° 20' 30"
⊕ 49° 22' 45"
⑥ 254° 03' 45"
102° 20' 37"

① 19°56'30"
⊕ 79°46'30"
⑥ 119°39'30"
19°56'35"

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76F3095 CE # 310 3-61

F. B. 3203 PG. 80

TC A-34

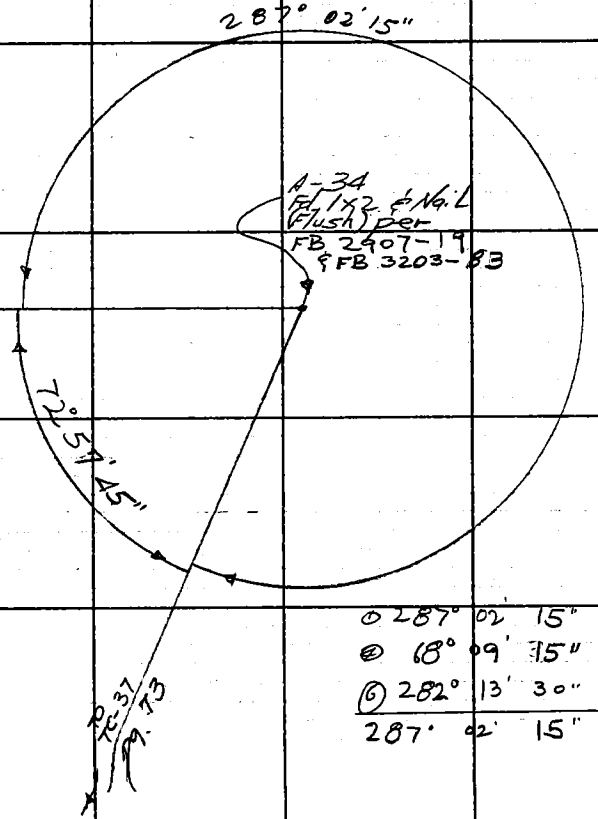
HI = 4.98

TE K+E 30" Transit #113907

Sight on TC-37

Rod = 2.00 @ + 7°36'30"

Rod = 8.00 @ + 7°47'45"



① 72° 57' 45"
② 291° 50' 45"
③ 77° 46' 30"
72° 57' 45"

① 287° 02' 15"
② 68° 09' 15"
③ 282° 13' 30"
287° 02' 15"

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Notes Ck'd by	Survey of Whites Cyn. Rd	F. B. 3203 PG. 81
Map No.	JN 009539 Tape 143 Std 84 °F	
Office Work	Surveyed by W. J. Voge	
Checked	Notes Voge Date 8-24-64	
Date	Indexed C. J. GALLI	

TO Bott Pg 82

223506

RL 14.5 = TC-40
Fd 1x2 & Nail per
F.B. 2907-152 & 221

2912.83

Per FB 2907-151 & 152

COUNTY SURVEYOR
T 4 N
3 | 2
10 | 11
R 5 W
SEC. COR.
RE 2177

Spc Cor = TC-39
Fd LA Sur Brass
Cap mon. per
FB 2907-151 & 191

RL=225

90.28

0.41

90.25

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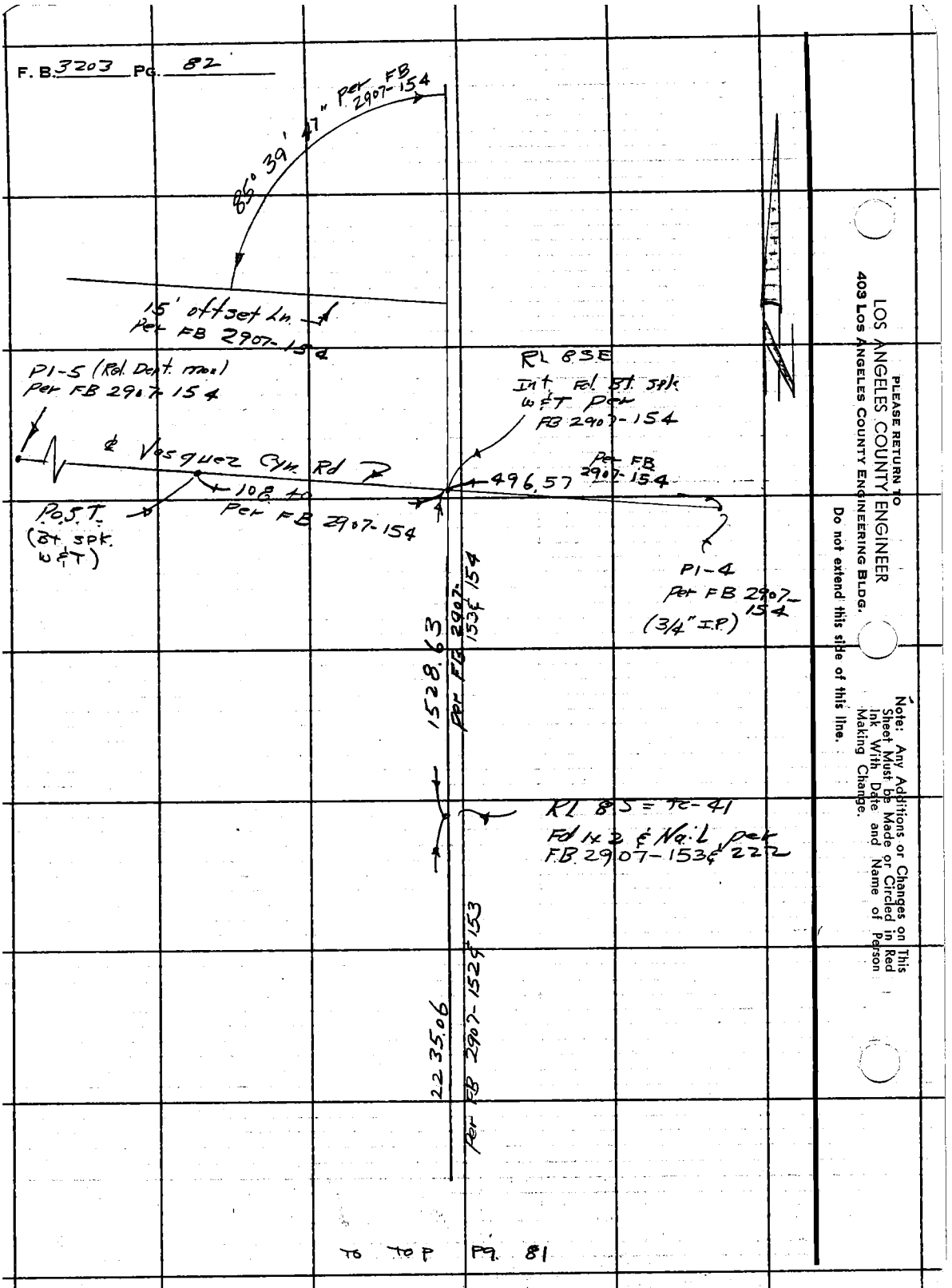
76F3095 CE # 310 3-61

F. B. 3203 PG. 82



TO TOP PG. 81

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π @	H.I.	Sight on	Rod	Vertical ∠	Diff in elev.	Mean Diff.	Elev.	Reference
A-28	5.85	A-30	2.00	+11°50'00"	+112.70	+112.64	2047.63	FB 2907-17 & 183
	5.85	A-30	8.00	+12°27'15"	+112.59		(+112.66)	
A-30	4.93	A-28	2.00	−12°32'45"	−112.68	−112.68	2160.29	FB 2907-17
	4.93	A-28	8.00	−11°54'45"	−112.67			FB 3203-78
	4.93	A-31	2.00	+14°16'45"	+91.99	+91.97		
	4.93	A-31	8.00	+15°11'30"	+91.95		(+92.00)	
A-31	5.26	A-30	2.00	−15°15'00"	−92.14	−92.02	2252.29	FB 2907-18
	5.26	A-30	8.00	−14°17'45"	−91.91			FB 3203-79
	5.26	A-34	2.00	−13°50'00"	−231.43	−231.38		
	5.26	A-34	8.00	−13°29'15"	−231.34		(−231.30)	
A-34	4.98	A-31	2.00	+13°28'00"	+231.21	+231.22	2020.99	FB 2907-20
	4.98	A-31	8.00	+13°48'30"	+231.23			FB 3203-80
	4.98	A-35	2.00	−16°15'30"	−117.59	−117.57		
	4.98	A-35	8.00	−15°29'00"	−117.55		(−117.55)	
A-35	5.17	A-34	2.00	+15°27'00"	+117.44	−117.53	1903.44	FB 2907-20
	5.17	A-34	8.00	+16°14'30"	+117.62			FB 3203-88

For Elev. of A-35 See pg 86.

TRIG. LEVELS ON A-30, A-31 & A-34

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

Survey of Whites Cyn. Rd
JN 0095.39 Tape 143 Std. 84 °F
Surveyed by W. J. Voge
Notes Voge Date 8-24-64
Indexed C. J. GALLI

F.B. 3203 PG. 83

F.B. 3203 Pg. 25

Profile No.	Notes Red	Plotted	Job No. 0095.39	Division No.
	Date	Date 8-24-64	Survey of Whites Gyn. Rd.	
X-Sec. No.	Notes Chkd.	Checked	Survey by W.J. Voge	Notes Voge Date
	Date	Date	Map No.	Indexed C. J. GALLI Date

LEVELS FOR ELEVATION ON A-35

WHITES GYN RD.

0095.39

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

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76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.B.M	10.51			1898.26	TBM	Elev.=1898.261 (Non adj.)
		1908.77			Sierra Hwy. & Avline St, West 0.7± mi; on	
T.P.	2.70		3.78	1904.99	Avline St. Fd. Bt. Stk. & T. on N. side	
		1907.69			of P.P. #797458E. PER. F.B. 2907-189	
A-35	4.32		4.43	1903.26	1x2' Nail, per FB 2907-20 & FB 3203-83	
		1907.58				
T.P.	2.00		2.77	1904.81		
		1906.81				
T.B.M.			8.55	1898.26	TBM	Elev.=1898.261
					(Description, Top of same page.)	

F.B. 3203 PG. 81

Profile No. ____ Plotted ____ Date ____

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

Notes Red ____ Date 8-24-64 Notes Chkd. ____ Date ____

Division No. ____ Job No. 00953 Gn Rd

Survey of Whites Gn Rd

Survey by W. J. Voge Notes Voge Date ____

Indexed C. J. CALL Date ____

Profile No.	Notes Red	Plotted	Job No. 009539	Division No.	F.B. 3203 Pg. 87
	Date	Date 8-26-64	Survey of Whites Cyn. Rd		
X-Sec. No.	Notes Chkd.	Checked	Survey by W. J. Voge	Notes Voge	Date
	Date	Date	Map No.	Indexed C. J. GALLI	Date

LEVELS FOR ELEVATION ON TC-34

WHITES CYN RD

009539

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

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Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red ____ Date 8-26-64 Notes Chkd. ____ Date ____
Division No. ____ Job No. 00935.39
Survey of Whittier Cyn Rd
Survey by W.J. Voge Notes Voge
Indexed E. J. GALLI Date ____
F.B. 3203 Pg. 88

STATION	B.S.	H.I.	F.S.	ELEV.		
B.M. V-10	4.99			1518.93	BM - V-10	Elev = 1518.926 (Non Adj.)
		1523.92			Bouquet Cyn. Rd, 30'± W'ly from Int. Vasquez Cyn. Rd,	
TP	3.37		4.94	1518.98	6'± N. of P.P. #607947E, fd. L.A. Co. Engr. Brass Cap mon.	
		1522.35			(flush) per F.B. 1872-72.	
TBM	5.57		4.07	1518.28	TBM	Elev. = 1518.339 (Non Adj)
		1523.85			Vasquez Cyn. Rd, 500'± E. of Bouquet Cyn. Rd,	
TP	8.10		3.22	1520.63	in P.P. #614578E, fd. Bt. spk. in N. side of pole, per	
		1528.73			FB 1872-71. (NOTE: TBM was buried.)	
TP	9.54		0.52	1528.21		
		1537.75				
TP	9.04		1.82	1535.93		
		1544.97				
TP	7.60		1.79	1543.18		
		1550.78				
TP	5.19		4.20	1546.58		
		1551.77				
TP	7.06		3.23	1548.54		
		1555.60				
TP	7.19		1.62	1553.98		
		1561.17				
TP			2.50	1558.67		

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.
TP	5.76			1558.67
		1564.43		
TP	7.52		3.84	1560.59
		1568.11		
TP	7.36		2.40	1565.71
		1573.07		
TP	7.43		1.98	1571.09
		1578.52		
TP	7.63		0.90	1577.62
		1585.25		
TP	6.06		2.97	1582.28
		1588.34		
TP	6.89		3.91	1584.43
		1591.32		
TP	9.23		1.46	1589.86
		1599.09		
TP	12.20		0.59	1598.50
		1610.70		
TP	11.64		0.66	1610.04
		1621.68		
TP			1.22	1620.46

Profile Notes Red ____ Plotted ____ Job No. 6-2539 Division No. ____
No. ____ Date ____ Date 8-26-64 Survey of Whites Gyn. Rd.
X-Sec. Notes Chkd. ____ Checked ____ Survey by D. J. Voge Notes Voge Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3203 Pg. 89

76-L298 CE 307 3-61

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F.B. 3203 Pg. 90

Job No. 0095.39 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of Whites Cyn Rd Date 8-26-64 Date ____ No. ____ X-Sec. ____
Survey by W J Voge Notes Voge Notes Chkd. ____ Checked ____ No. ____
Indexed G. J. GALLI Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
TP	12.22			1620.46		
		1632.68				
TP	10.82		0.23	1632.45		
		1643.27				
TP	11.52		0.12	1643.15		
		1654.67				
TP	10.52		0.34	1654.33		
		1664.85				
TP	11.47		0.34	1664.51		
		1675.98				
TP	11.21		0.36	1675.62		
		1686.83				
TP	11.37		0.39	1686.44		
		1697.81				
TC-34	4.80		0.59	1697.22	TC-34	
		1702.02			Fd 1" I.P. cement plug & C.E. tag. (Flush)	
TP	1.95		12.00	1690.02	per FB 3203-69	
		1691.97				
TP	0.57		11.70	1680.27		
		1680.84				
TP			12.16	1668.68		

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STATION	B. S.	H. I.	F. S.	ELEV.		
TP	0.68			1668.68		
		1669.36				
TP	4.91		11.18	1658.18		
		1663.09				
TP	1.41		11.65	1651.44		
		1652.85				
B.M. V-8			8.70	1644.15	B.M. V-8	Elev. = 1644.086 (Non adj)
					Bouquet Cyn. Rd & Vasquez Cyn. Rd. E. on Vasquez Cyn. Rd. 1.0 mi ± & 100' ± N. of Vasquez Cyn. Rd. Fd. L.A. Co. Eng. Brass Cap mon. (Flush) per FB 1872-67.	

Profile Notes Red. Plotted Job No. 00-5-37 Division No.
No. Date Date 8-26-69 Survey of Hilltop Cyn. Rd.
X-Sec. Notes Chkd. Checked Survey by W. J. Voge Notes Voge Date
No. Date Date Map No. Indexed F. J. GALLI Date

F.B. 3203 Pg. 91

Notes Ck'd by	Survey of Plum Cyn. Rd.
Map No.	JN009546 Tape Std °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes R.C.B. Date 7/65
Date	Indexed R. J. GALLI

F. B. 3203 PG. 93

PLUM CANYON RD.

Topographic Check
of
Aerial Map on
Sheets 1, 2, 3, & 4

J.N. 009546

JULY 1965

Ref.	Party
F.B. 2907	Bowers
F.B. 3203	Morrison
	Duerbeck
	Barnett
	Almanzan

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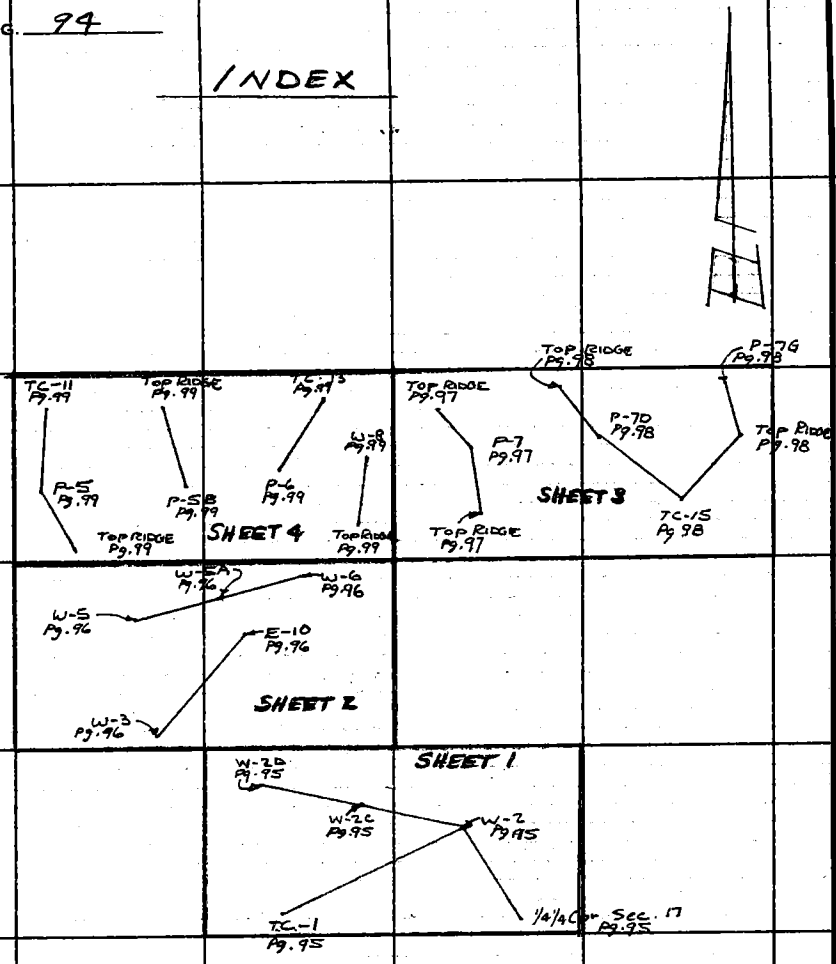
78F3095 CE # 310 3-61

F. B. 3203 PG. 94

INDEX



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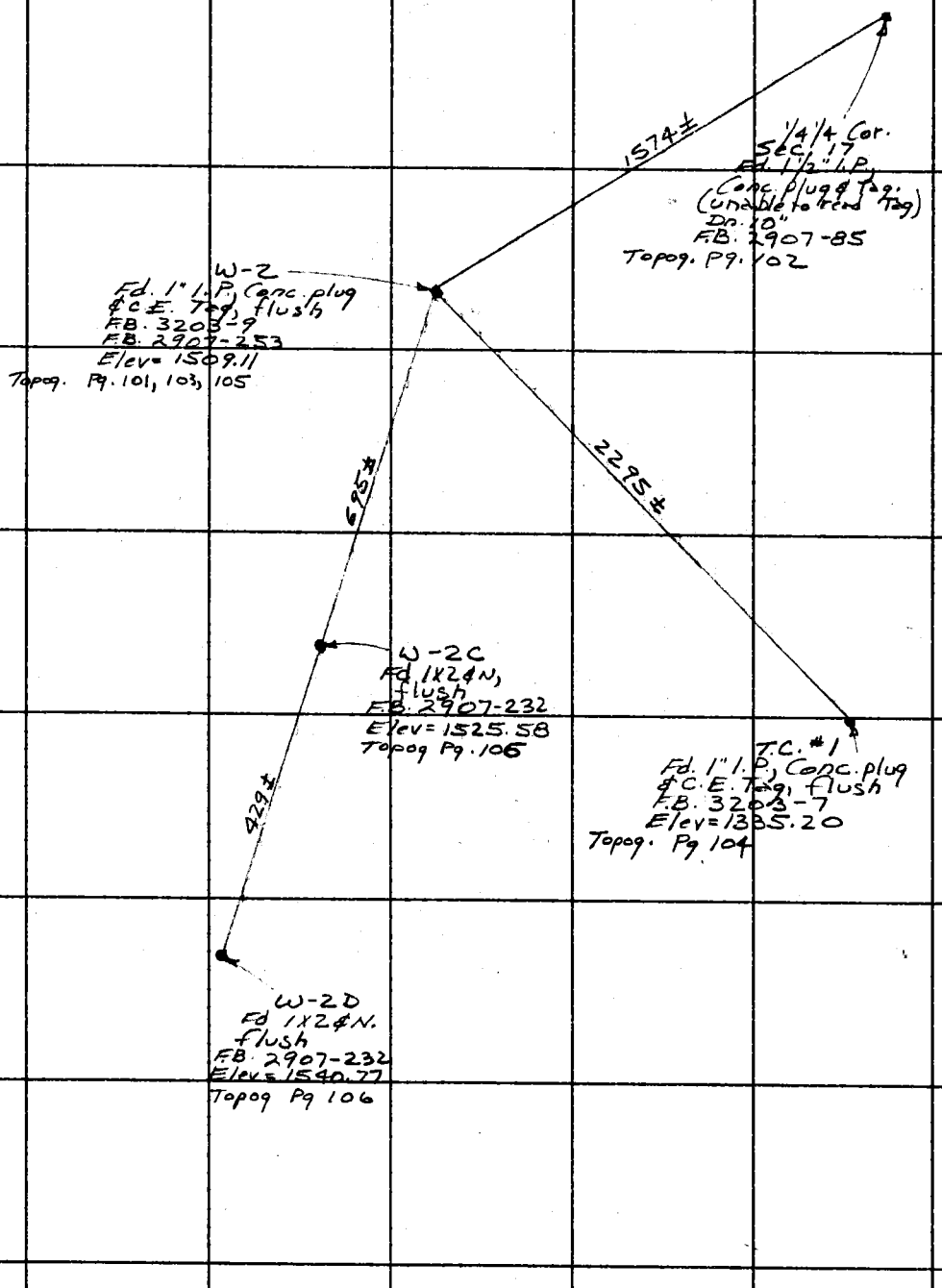
Notes Ck'd by	Survey of Plum Cyn. Rd.
Map No.	JN 0095.46 Tape Std °F
Office Work	Surveyed by R.C. Bowen
Checked	Notes RCB Date 7/65
Date	Indexed G. J. GALLI

F. B. 3203 PG. 95

SHEET #1



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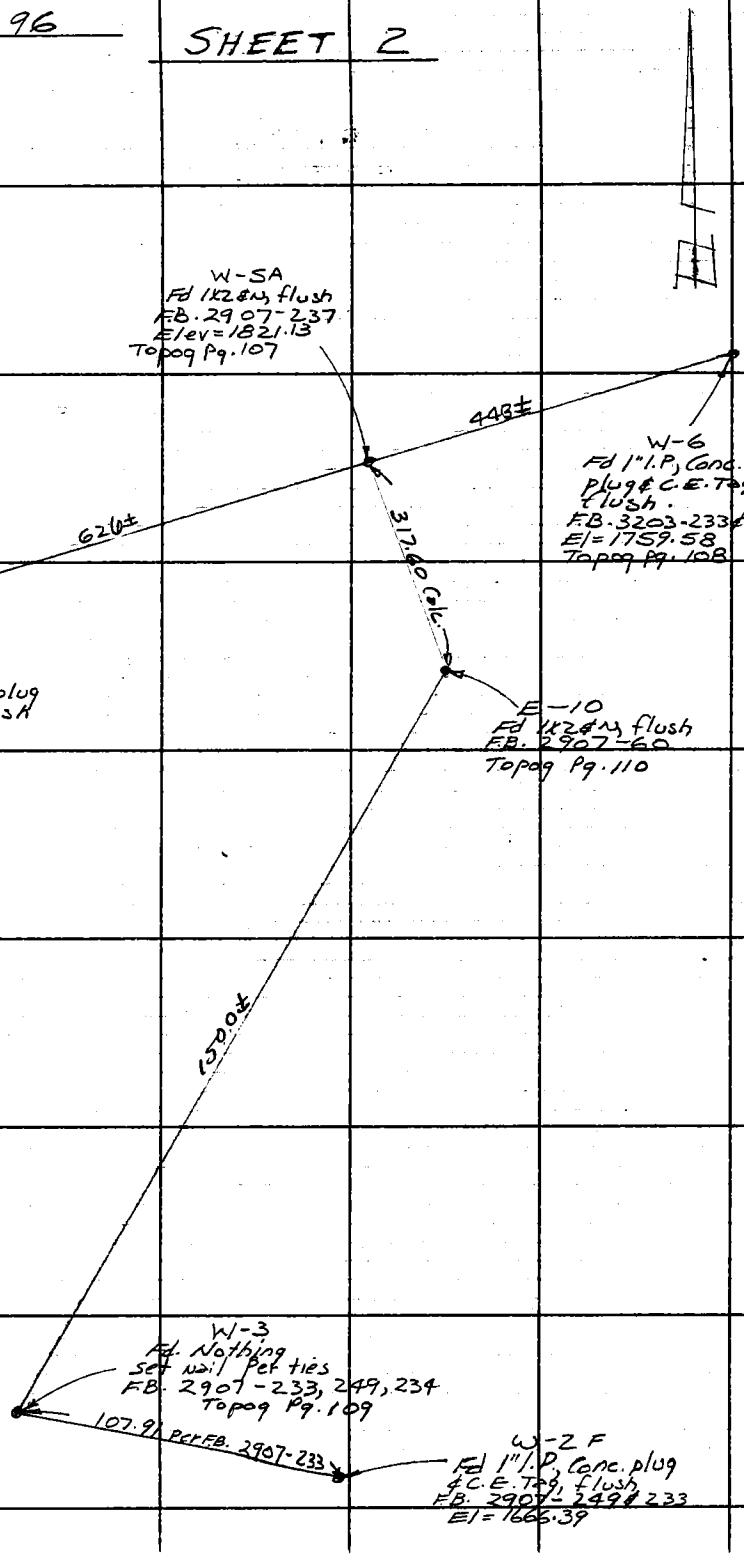
F. B. 3203 PG. 96

SHEET 2



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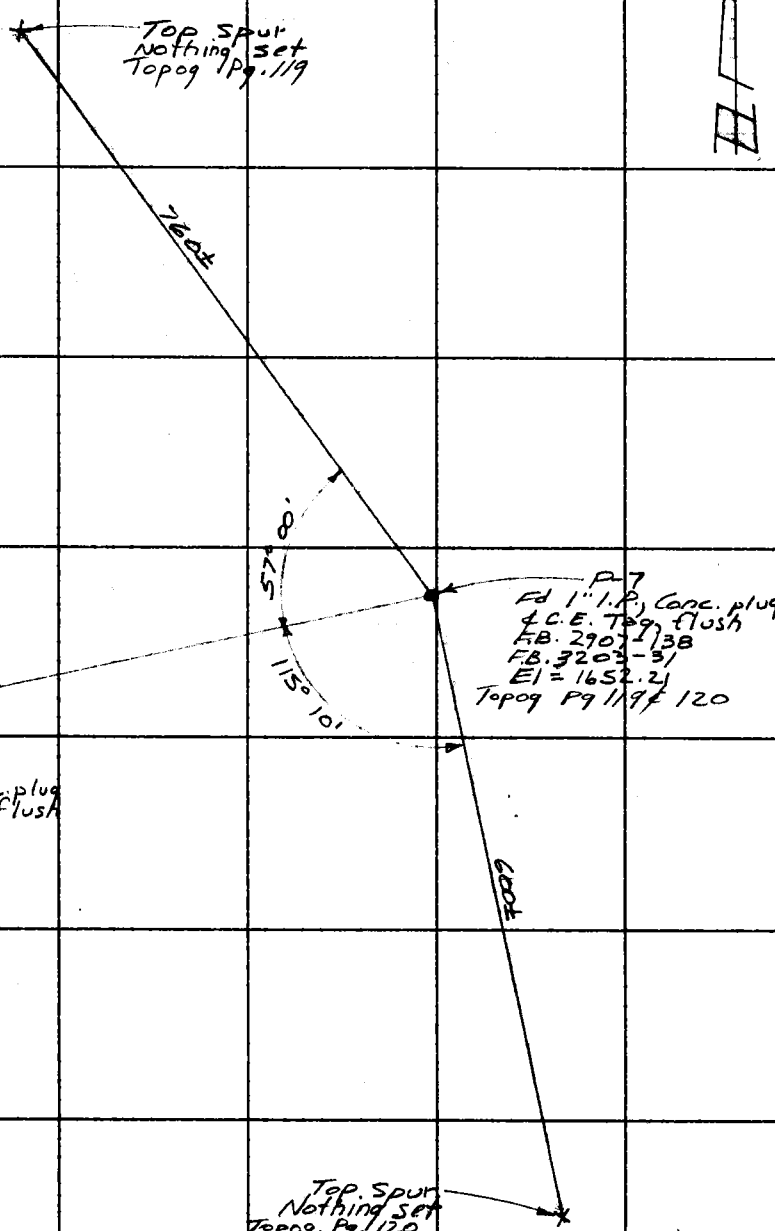
Notes Ck'd by	Survey of Plum Cyn. Rd.
Map No.	JN 0095-4 Tape Std °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes R.C.B. Date 7/65
Date	Indexed C. J. GALLI

F. B. 3203 PG. 97

SHEET 3



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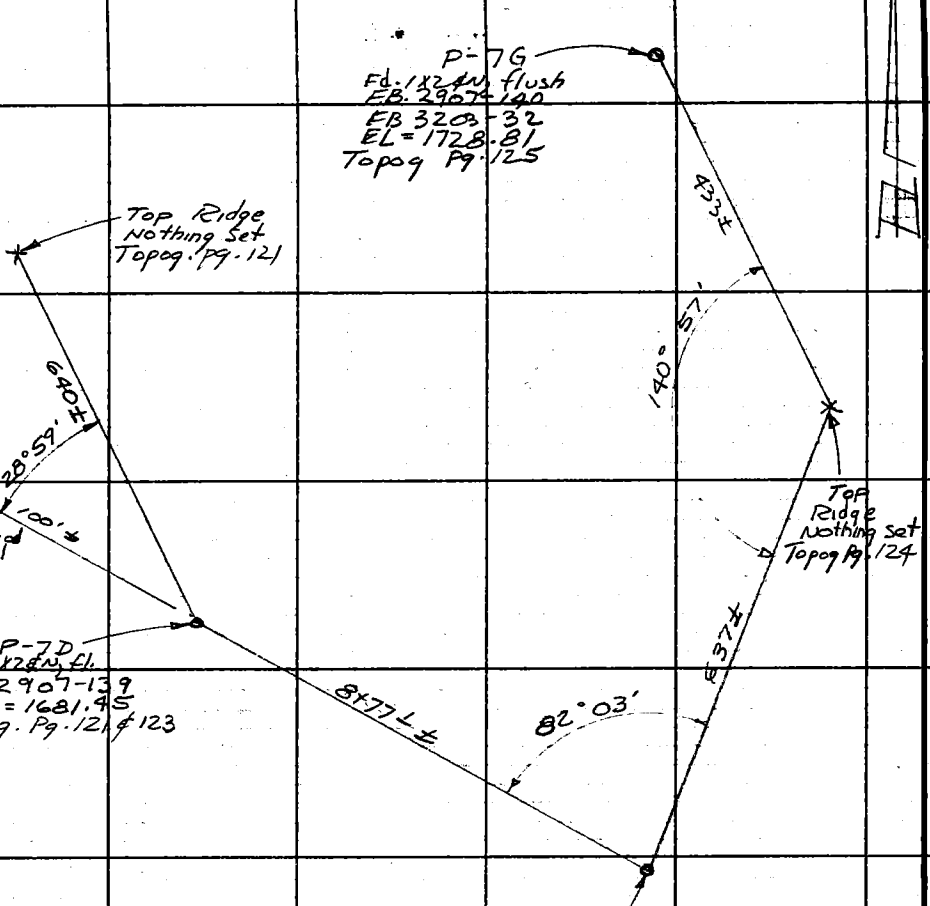
76F309S CE # 310 2-61

F. B. 3203 PG. 98

SHEET 3 Cont.



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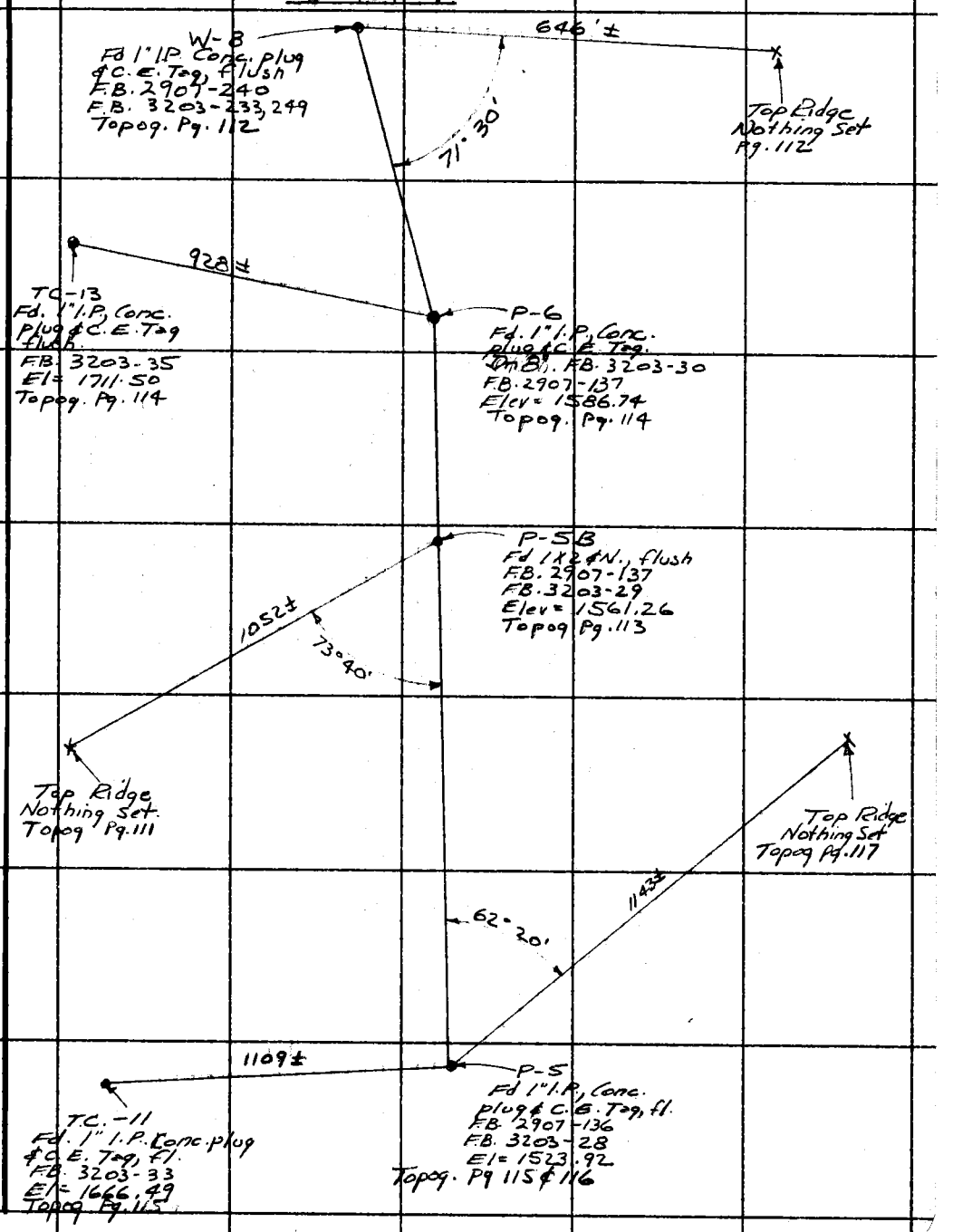
Notes Ck'd by	Survey of Plum Cyn. Rd.
Map No.	JN 0095-46 Tape Std °F
Office Work	Surveyed by R.C. Bowers
Checked	Notes R.C.B. Date 7/65
Date	Indexed C. J. GALLI

F. B. 3203 PG. 99

SHEET 4



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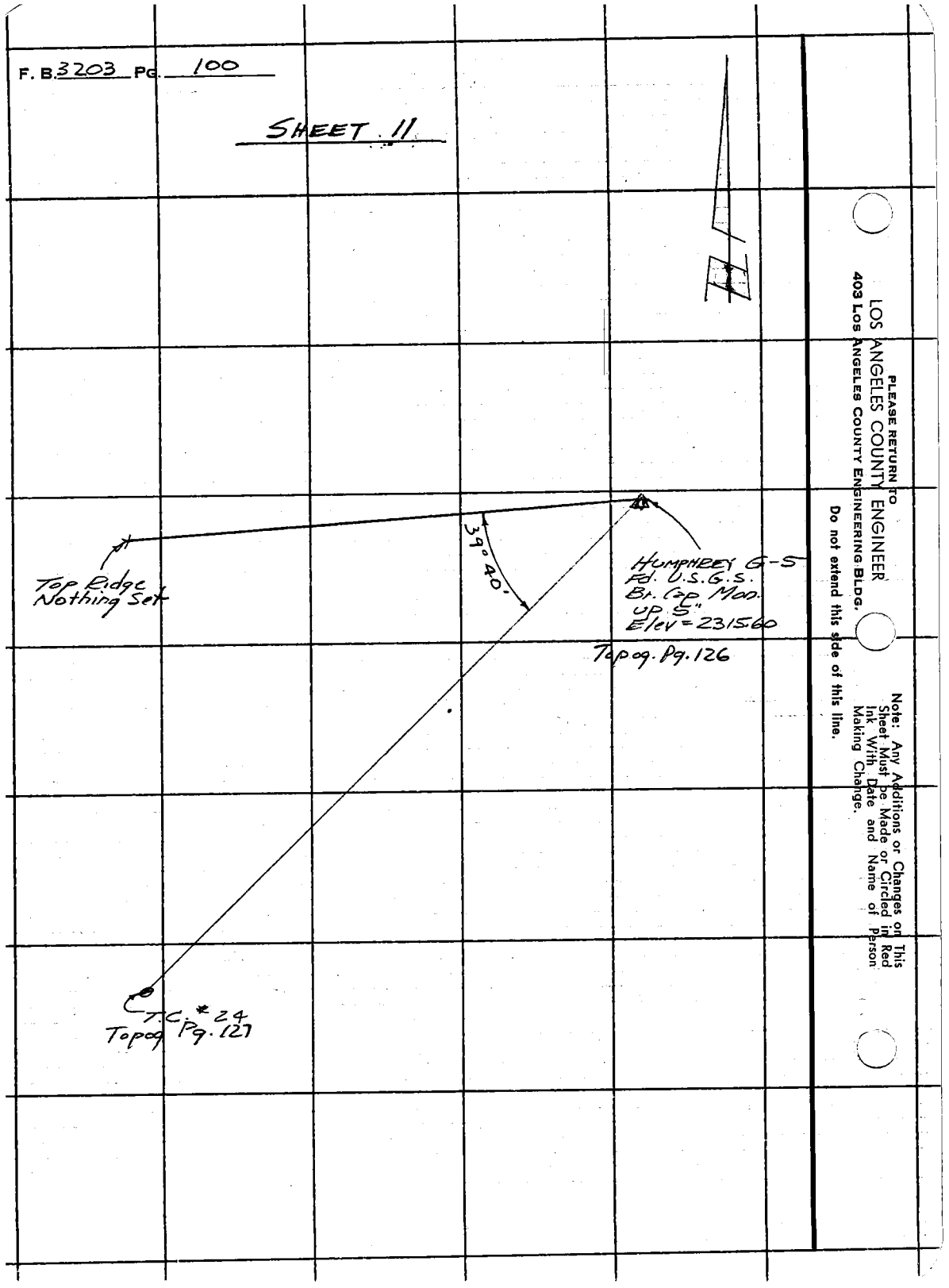
F. B. 3203 PG. 100

SHEET 11



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76F3095 CE # 310 3-61

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Station	Rod	± Vert ∡	Horz Dist.	± Vert. Dist.	± Diff Elev.	Elev.	Desc.
π @ W-2 To 1/4 Cor.		F.B.		Elev 1509.11	+ B.S. = 4.75		HI = 1513.9
0+37	8	Lev.	37	—	8	1505 9	
0+58	11 4	"	58	—	11 4	1502 5	
0+95	4 7 5	-5°12'	95	-8 6	-13 4	1500 5	
1+55	4 7 5	-5°45'	155 9	-15 5	-20	1493 9	
1+99	4 7 5	-6°28'	199	-22 6	-27 3	1486 6	
π @ 1+99			Elev = 1486 6	+ BS = 4 7	, HI = 1491 3		
2+91 5	8 5	-12°28'	92 5	-20 4	-28 9	1462 4	
3+26 4	11 7	-8°10'	127 4	-18 3	-30 0	1461 1	
3+97 3	10	-10°28'	198 3	-36 6	-46 6	1444 7	
4+19 5	4 8	-11°32'	220 5	-45 0	-49 8	1441 5	
π @ 4+19 5			Elev = 1441 5	+ B.S. = 5 0	HI = 1446 5		
4+27 6	7	Lev	8 1	—	8 1	1438 4	
6+38 1	5	-12°38'	218 6	-49	-54	1392 5	
π @ 6+38 1			Elev = 1392 5	+ BS = 4 5	HI = 1397 2		
5+97 1	4 5	+7°20'	41 9	+5 3	+0 8	1397 8	
5+34 6	4 5	+10°42'	103 5	+19 6	+15 1	1412 1	
7+04 6	10 4	Lev	66 5	—	-10 4	1386 6	
7+49 6	4 5	-4°40'	111 5	-9 1	-13 6	1383 4	
8+17 6	4 5	-3°26'	179 5	-10 8	-15 3	1381 7	
9+04 6	4 5	-2°42'	266 5	-12 6	-17 1	1379 9	
10+04 6	4 5	-2°10'	366 5	-13 9	-18 4	1378 6	

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

Survey of Plum Grv. Rd.
JN 0095.46 Tape Std. °F
Surveyed by RC Bowers
Notes RCB Date 7/65
Indexed C. L. Mills

F. B. 3203 PG. 101

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Sight on	-Rod	± Vert ∠	Hor. Dist.	± Vert Dist.	+ Diff. Elev.	Elev.	Desc.
TO 1/4 1/4 Cor. Sec 17							
T@ 6+38.1	Elev = 1392.5		B.S. = 4.5		H.I. = 1397.0		
10+85.6	4.5	-1°56'	447.5	-15.1	-19.6	1377.4	
11+04.6	4.5	-1°50'	466.5	-14.9	-19.4	1377.6	
11+50.0	4.5	-1°23'	512.0	-12.4	-16.9	1380.1	
T@	11+50.0	Elev = 1380.1	BS = 4.4		HI = 1384.5		
11+64.5	7.9	Lev	14.5	—	-7.9	1376.6	
11+68.5	11.7	Lev	18.5	—	-11.7	1372.8	
11+87.0	13.0	Lev	37.0	—	-13.0	1371.5	
11+93.0	8.4	Lev	43.0	—	-8.4	1376.1	
12+10.0	6.8	Lev	60.0	—	-6.8	1377.7	
13+00.0	7.0	Lev	150.0	—	-7.0	1377.5	
14+00.0	7.4	Lev	250.0	—	-7.4	1377.1	
15+00.0	8.0	Lev	350.0	—	-8.0	1376.5	
15+06	7.8	Lev	356.0	—	-7.8	1376.7	
15+10	8.8	Lev	360.0	—	-8.8	1375.7	
5+16	6.2	Lev	366.0	—	-6.2	1377.8	
15+21	8.5	Lev	371.0	—	-8.5	1376.0	
15+35	8.2	Lev	385.0	—	-8.2	1376.3	
15+73.0 1/4 1/4 Cor Sec 17	8.2	Lev	423.0	—	-8.2	1375.8	
T@ 15+73.0	Elev = 1375.8		B.S. 6.0		HI = 1381.8		(CHECK SHOT.)
1073-4	4.2	Lev	—	—	4.2	1377.1	Fd 2x2 per Sheet #1 with elev. = 1377.5

F. B. 3203 PG 102

76F3095 CE # 310 3-61

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Sight on	Rod	± Vert. ∡	Hor. Dist.	± Vert. Dist.	+ Diff - Elev.	Elev.	Desc.
TC-1		⊼ @ W-2, F.B.			Elev = 1509.11	BS = 4.85	HI = 1514.0
0+24.5	6.0	Lev	24.5	—	6.0	1508.0	
3+11.6	4.85	-8° 22'	311.6	45.8	50.7	1463.3	
		⊼ @ 311.6	Elev = 1463.3	BS = 4.4	HI = 1467.7		
0+92.8	5.1	+7°08'	219.0	+27.4	+22.3	1490.0	
1+44.5	5.8	+4°30'	167.0	+13.1	+7.3	1475.0	
1+66.8	10.7	+4°10'	145.0	+10.6	-0.1	1467.6	
1+70.6	Call	Call	141.0	Call	+3.0	1470.7	
2+26.6	4.4	+2°50'	85.0	+4.2	-0.2	1467.5	
2+79.6	1.7	Lev	32.0	—	-1.7	1466.0	
3+56.8	10.3	-18°00'	45.2	-14.7	-25.4	1442.3	
4+51.3	10.8	-19°23'	139.7	-49.1	-60.3	1407.4	
5+01.6	11.0	-16°12'	190.0	-55.3	-66.6	1401.1	
6+22.3	10.6	-9°50'	310.7	-37.0	-48.0	1419.7	
6+91.3	9.9	-4°32'	379.6	-30.1	-40.4	1427.3	
7+50.5	9.3	-2°52'	438.9	-22.0	-31.6	1436.1	
7+98.1	9.5	-1°51'	489.5	-15.8	-25.7	1442.0	
		⊼ @ 7+98.1	Elev = 1442.0	BS = 4.7	Elev = 1446.7		
8+63.1	17.3	Lev	65.0	—	-17.3	1429.4	
8+70.1	20.0	"	72.0	—	-20.0	1426.7	
8+88.1	20.0	"	90.0	—	-20.0	1426.7	
8+93.1	18.0	"	95.0	—	-18.0	1428.7	
8+95.1	22.0	"	97.0	—	-22.0	1424.7	
9+88.8	10.0	-8°33'	190.7	-28.7	-38.7	1408.0	
11+50.5	9.6	-9°22	352.4	-58.1		1379.0	

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

Survey of Plum Gyn Rd.
JN0095.46 Tape Std °F
Surveyed by RC Beavers
Notes RCB Date 7/65
Indexed G. A. GALLI

F.B. 3203 PG. 103

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Sight on	Rod	± Vert. ∡	Slope Dist	Hor. Dist.	± Vert. Dist	Diff Elev.	Elev.	Desc.
T@ 11+50.5	to TC-1	Elev = 1379.0		BS. = 4.8		H.I. = 1383.8		
10+88.2	6.3	+ 6°10'		62.3	+ 6.7	+ 0.4	1384.2	
11+79.2	12.1	- 5°23'		28.7	- 2.7	- 14.8	1369.0	
12+10.0	11.3	- 5°23'		59.5	- 5.6	- 16.9	1366.9	
12+66.2	11.6	- 3°00'		115.7	- 6.1	- 17.7	1366.1	
12+94.4	10.7	- 4°55'		143.9	- 12.4	- 23.1	1360.7	
13+87.9	10.3	- 4°44'		237.4	- 19.7	- 29.9	1353.9	
14+87.7	10.0	- 4°15'		337.2	- 25.2	- 35.2	1348.6	
T@ 14+87.7	to TC-1	Elev = 1348.6		BS = 4.6		H.I. = 1353.2		
15+95.9	9.0	Lev		108.2	—	- 9.0	1344.2	
16+95.9	12.7	Lev.		208.2	—	- 12.7	1340.5	
17+95.9	12.0	- 0°15'		308.2	- 1.3	- 13.3	1339.9	
18+61.9	12.0	- 0°20'		374.2	- 2.2	- 14.2	1339.0	
19+44.4	12.0	- 0°25'		456.7	- 3.3	- 15.3	1337.9	
T@ 19+44.4	to TC-1	Elev = 1337.9		BS = 4.7		H.I. = 1342.6		
19+45.9	4.7	Lev		1.5		- 4.7	1337.9	
19+69.9	14.3	"		25.5		- 14.3	1328.3	
19+88.8	13.8	"		44.5		- 13.8	1328.8	
20+06.9	5.6	"		62.5		- 5.6	1337.0	
20+95.9	6.5	"		151.5		- 6.5	1336.1	
21+53.9	6.9	"		209.5		- 6.9	1335.2	
21+82.9	5.5	"		238.5		- 5.5	1337.1	
21+97.9	8.5	"		253.5		- 8.6	1334.0	
22+17.9	9.1	"		273.5		- 9.1	1333.5	
22+31.9	5.7	"		287.5		- 5.7	1336.9	
22+51.5	6.2	"		307.0		- 6.0	1336.6	
TC-1	7.9	"		317.0		- 7.9	1334.2	
22+94.9	8.3	"		350.5		- 8.3	1334.3	TC-1

F.B. 3203 Pg. 164

76F309S CE # 310 3-61

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T@ W-2		F.B.			Elev = 1509.11	+ B.S. = 5.03		HI = 1514.14
W-2C Sight on.	-Rod	± Vert. ∡	Slope Dist.	Horz. Dist.	+ Vert - Dist.	+ Diff. - Elev.	Elev.	Desc.
1+88	0.9	LEV	100.0	100.0		0.9	1513.2	Break in slope
1+27.3	5.03	+1°12'	127.3	127.3	2.7	2.3	1511.8	
T@ 1+27.3		Sight on W-2C			ELEV. = 1511.8	+ B.S. 5.00	H.I.	= 1516.8
1+51.3	-9.2	Lev.	14.0	14.0	—	-9.2		GRADE BREAK
1+91.8	-5.00	-24°46'	71.0	64.5	29.7	-34.7	1482.1	Grade Break
2+34.1	-5.00	-25°38'	118.5	106.8	51.3	-56.3	1460.5	Gr. Brk.
2+66.4	-5.00	-25°53'	154.6	139.1	67.5	-72.5	1444.3	TOE OF SLOPE
3+23.9	-5.00	-20°36'	210.0	196.6	73.9	-78.9	1437.9	E. BANK
3+27.4			+3 -6 Contd			-2 Same as slope	1435.1	Bot. of Secondary
3+30.1							1437.1	W. Bank & Toe of Slope
3+71.9	-5.00	-13°54'	252.0	244.6	60.5	-65.5	1451.3	Side of Slope
4+10.7 W-2C	-5.00	-7°17'	285.7	283.4	-36.2	-41.2	1475.6	E. Side of Slope
	T@ 4+10.7	Sight on W-2C			Elev = 1475.6	+ B.S. = 5.1	H.I. = 1480.7	
4+26.2	+0.3	LEV	15.5	15.5	—	+0.3	1480.4	Top of Ridge
4+39.7	-5.1	+11°35	(290° LEV.)	29.0	5.8	0.7	1481.4	
T@ 4+39.7		to W-2C			ELEV = 1481.4	+ B.S. 5.0	H.I.	1486.4
4+63.9	-5.0	-14°59'	25.0	24.2	6.5	-11.5	1474.9	Gr. Brk.
4+76.1	-5.0	-16°21'	37.5	36.0	10.6	15.6	1470.8	Gr. Brk.
4+87.9	-5.0	-18°26	50.8	48.2	16.1	21.1	1465.3	bot. of Cyn.
5+03.4	-5.0	-11°16	65.0	63.7	12.7	17.7	1468.7	Side of Slope
5+32.3	6.2	Lev	92.6	92.6	—	-6.2	1480.2	Side of Slope

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

Survey of Plum Cyn. Rd.
JN 0095.46 Tape Std °F
Surveyed by E.C. Bowers
Notes C.P.
Indexed G. L. GALL Date 7/65

F. B3203 PG. 105

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SIGHT EQD	±VERT. ∠	SLOPE DIST	±HORZ. DIST	+VERT − DIST	±DIFF. ELEV	ELEV.	DESC.
T@ 4+39.7 LINE TO W-2C			F.B.	ELEV 1481.7	B.S. 5.0		H.I. 1486.7
5+61.0 @ 5°	+5°30'	121.9	121.3	+11.7	+6.7	1493.1	Side Slope
5+96.7 -5°	+8°03'	158.6	157.0	+22.2	+17.2	1503.6	Side Slope
6+51.5 -5.0	+9°56'	214.5	211.3	+36.9	+31.9	1518.3	Side of Slope
W-2C 6+94.9 +5°	+9°49'	259.0	255.2	+44.2	+39.2	1525.6	Top of Bank ℄ W-2C
T@ W-2C (6+94.9) to W-2D				ELEV. 1525.6	B.S. 5.10		H.I. 1530.7
7+41.9 -2.9	Lev.	47.0	47.0	—	-2.9	1527.8	OV NOSE
7+54.9 -2.6	Lev.	60.5	60.0	—	-2.6	1528.1	Center Coo.
8+26.4 -6.0	Lev.	131.5	131.5	—	-6.0	1524.7	Side of Slope
(8+76.3) -6.7	LEV.	181.4	181.4	—	-6.7	1524.0	Side of Slope
T@ 8+76.3 LINE to W-2D				ELEV. 1524.0	B.S. 5.15		H.I. 1529.15
8+88.8 6.6	Level	12.5	12.5	—	-6.6	1522.5	Gr. Brk.
9+48.3 -5.15	-9°17	73.0	72.0	-11.8	-16.9	1512.3	Toe of Slope
9+71.7 -5.15	-7°14	96.3	95.4	-13.0	-18.2	1511.0	Toe
10+12.5 -5.15	-2°35	136.3	136.2	6.1	11.3	1517.9	Gr. Brk.
10+30.1 -5.2	-0°55	153.8	153.8	2.5	7.7	1521.5	Toe
10+41.5 3.4	Level	165.2	165.2	—	-3.4	1525.8	E. Edge Rd
10+47.3 4.4	Level	171.0	171.0	—	-4.9	1524.8	Center of Rd
10+62.2 3.5	Level	185.9	185.9	—	-3.5	1525.7	W. Edge Rd
10+67.3 0.4	Level	191.3	191.0	—	-0.4	1528.8	Top of Cut
10+80.1 -5.15	+2°51	210.5	209.8	+10.5	+5.3	1534.5	Side of Slope
(W-2D) 11+24.4 -5.15	+3°53	249.3	248.7	-16.9	-11.8	1541.0	W-2D

F.B. 3203 PG 106

76F309S CE # 310 3-61

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SIGHT ON	BOD	±VERT. ∠	SLOPE DIST	HORZ DIST	±VERT DIST.	±DIFF. ELEV.	ELEV.	DESC
Π@ W-5 to W-5A 0+00			FB. 3203-14; 2907-26'		ELEV. 1763.92	±BS 5.16	H.I	1769.1
0+16.8	-5.8	LEV.	16.8	16.8		-5.8	1763.3	GR. BRK.
0+89.2	-5.2	-5°27'	89.6	89.2	-8.5	-13.7	1755.4	SWALE
1+36.2	-5.2	-1°54'	136.3	136.2	-4.5	-9.7	1759.4	SLOPE
2+06.5	-5.9	LEV.	206.5	206.5		-5.9	1763.2	DO ±
2+80.0	-4.1	LEV.	280.0	280.0		-4.1	1765.0	DO ±
2+96.4	-3.8	LEV.	296.4	296.4		-3.8	1765.3	DO ±
Π@ 2+96.4 to W-5A					ELEV. 1765.3	BS 5.1	H.I	1770.4
3+46.4	-2.4	LEV.	50.5	50.5		-2.4	1768.0	DO ±.
4+25.8	-5.1	+5°32'	130.0	129.4	+12.5	+7.4	1763.0	TOE OF SLOPE
4+94.0	-5.1	+8°20'	197.7	197.0	+28.9	+23.8	1794.2	Side of Slope
5+58.5	-5.1	+9°31'	265.8	262.1	+43.9	+38.8	1809.2	S. Side of Slope
(5+91.6)	-5.1	+9°40'	299.5	295.2	50.3	45.2	1815.6	" " " "
Π@ 5+91.6 to W-5A					ELEV. 1815.6	BS 5.7	H.I.	1821.3
(6+25.7) W-5A	0.1	LEV.	34.1	34.1		-0.1	1821.2	
Π@ 6+25.7 W-5A to W-6					ELEV. 1821.2	BS 5.1	H.I.	1826.3
6+33.1	7.0	LEV		7.4			1819.3	W. Side of Slope
6+63.5	-5.1	-30°54'	44.0	37.8	22.6	27.7	1798.6	Side of Slope
6+94.1	-5.1	-32°19'	80.9	68.4	43.2	48.3	1778.0	Side of Slope
7+49.0	-5.1	-30°47'	143.5	123.3	73.4	78.5	1747.8	Side of Slope
7+86.8	-5.1	-30°47'	187.5	161.1	96.0	101.1	1725.2	Side of Slope

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

Survey of Plum Cyn. Rd.
JN 0095.46 Tape Std °F
Surveyed by R.C. Bowers
Notes C.D.
Date 7/65
Indexed
F. B. 3203 Pg. 107

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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SIGHT ON	Cod	±VERT. ∠	SLOPE DIST	HORZ. DIST	±VERT. DIST.	±DIFF. ELEV	ELEV.	DESC.
⊼ @ 6+25.2 TO		W-6			ELV = 1821.2	BS 5.1		HI = 1826.3
W-5 8+33.7	-5.1	-30°49'	248.0	213.0	127.8	132.1	1694.2	TOE OF SLOPE
8+45.6	-5.1	-30°49	256.0	219.9	131.1	136.2	1690.1	DEPR. S. Bk
8+57.1	-5.1	SAME EL. AS ABOVE.	+12	231.4		136.2	1690.1	" N. Bk ±
(8+67.5)	-5.1	-29°08'	276.8	241.8	134.8	139.9	1686.4	BOT
⊼ @ 8+67.5 TO		W-6		ELEV. 1686.4		BS 5.1	HI	1691.5
9+00.0	-4.4	LEV	—	32.5		-4.4	1687.1	BLC IN CL.
9+11.3	-1.4	LEV	—	43.8		-1.4	1690.4	BLC IN ⊥
9+20.7	-1.7	LEV.	—	53.2		-1.7	1690.1	TOE OF SLOPE
9+27.1	-5.1	+8°00'	60.2	59.6	+8.4	+3.3	1694.8	BLC IN SLOPE
9+61.0	-5.1	+13°14'	96.0	93.5	22.0	+16.9	1708.4	POST ON RIDGE
9+92.6	-5.1	+14°08'	139.0	125.1	34.0	+28.9	1720.4	S. SIDE SWALE
10+31.1	-5.1	+17°57'	172.0	163.6	53.0	+47.9	1739.4	N. side of SWALE
10+65.0	-5.1	+20°14	210.5	197.5	72.8	+67.7	1759.2	S. side of [illegible] W-6
10+68.9	W-6 -5.1	+19°57	214.3	201.4	73.1	+68.0	1759.5	W-6

F. B. 3203 PG. 108

76F309S CE # 310 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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T@ W-2F to	W-3	FB. 2907-249; 233		EL. 1666.39	BS 5.1	H.I. 1671.5	DESC.	
SIGHT	Rod	±VERT. ∠	SLOPE DIST	HORZ. DIST	± VERT. DIST	±DIFF. ELEV	ELEV.	1" IP. Con. Plug & C.E. TAG.
W-3 on	5.1	-10°13'	109.3	107.91	-19.4	+24.5	1647.0	FB. 2907-233
Side Shot to Estimate				Elev. on	W-3			
T@ W-3 to		E-10			ELEV 1647.0	±BS 5.1	H.I. 1652.1	
0+28°	3.0	LEV.	28°	28°			1649.1	TOE OF SLOPE
(0+76.4)	5.1	+13°35	78°	76.4	18.5	13.4	1633.5	TOP OF CUT
T@ 0+76± to		-E-10			ELEV 1665.5	±BS 5.0	H.I. 1670.5	TOP OF CUT
0+96±	-5.0	-20°00'	21.0	19±	7±	12±	1658 3/4	S. SIDE OF DITCH
1+48±	-5.0	-12°50'	73.5	71±	16 3/4	21 3/4	1649 1/2	BOT. & DRAIN
1+87.5	1.0	LEV.		111±		1 0	1669.5	N. SIDE OF DITCH
2+13 3/4	-5.0	+4°25'	137.3	136.9	+10.6	+5.6	1676.1	S. SIDE OF DITCH
(2+77.9)	-5.0	+5°33'	202.4	201.5	18.9	13.9	1684.4	TOP
T@ 2+77.9 to		E-10			ELEV. 1684.4	BS. 5.0	H.I. 1689.4	2+79.9
3+28.9	-1.5	LEV.		51.0		1.5	1687.9	FLOW±
4+71±	-5.0	+3°10'	193.5	193±	10±	5±	1695±	FLOW
(5+63+)	-5.0	+3°38'	286.1	285.5	18'	13±	1702.5	FLOW (5+63+)
T@ 5+63+ to		E-10			ELEV. 1702.5	BS. 5.0	H.I. 1707.5	TOE OF SLOPE
6+51°	-5.0	+9°14	88.7	87.6	14±	9±	1716.7	SIDE OF SLOPE
7+08.8	-5.0	+10°40	148.0	145.4	27.4	22.4	1729.9	BRK IN SL.
7+88°	-5.0	+11°55	229.5	224.6	47.4	42.4	1749.9	BRK IN SL.
(8+52.6	-5.0	+12°26	296.1	289.2	63.8	58.8	1766.3	SIDE OF SLOPE

8+52.6

Notes Ck'd by ____
Map No. ____ Std. ____ °F
Office Work ____
Checked ____
Date ____

Survey of Plum Cyn. Rd.
JN00295.46 Tape ____
Surveyed by R.C. Bowers
Notes G.D. Date 2/65
Indexed G. J. GALLI

F. B. 3203 PG. 109

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SIGHT Rod	∠ VERT. ∠	SLOPE DIST	HORIZ. DIST	VERT. DIST.	DIFF. ELEV	ELEV	DESC.
T@ 8+52.6 to	E-10			ELEV. 1762.5	BS 4.9	HI 1771.2	
9+01 L -4.9	+17°16'	50.8	48 5	15 1	10 2	1781 4	Slope
9+81 8 -4.9	+17°46'	135.6	129 2	41 2	36 3	1807 5	Slope
(10+66.6) -4.9	+17°13'	224.0	214.0'	66.3	61.4	1832.6	(10+66.6)
T@ 10+66.6 to	E-10			ELEV. 1832.6	BS 4.9	HI 1837.5	
(11+19 1) -4.9	+14°54'	54.3	52 5'	14.0	+9.1	1846	Slope
T@ 11+19 1 to	E-10			ELEV. 1846.6	BS. 4.9	1851.5	
(11+72 1) -4.9	+8°45'	53.5	53.0	8.1	3.2	1854.7	S. Side Ridge
T@ 11+72 1 to	E-10			ELEV. 1854.7	BS 4.6	HI 1859.3	
11+95 1 -2.0	LEV.	—	23.0		-2 0	1857 3	Top of Ridge
12+24 8 -2.8	LEV.	—	52 7		-2 8	1856.5	Top of Ridge
12+89 4 -4.6	+3°22'	117.5	117 3	6 9	+2 3	1861 6	Bet in 32.
(13+11.9) -4.6	+2°28	139.9	139.8'	6.0 2	1.4	1860.7	Top of Ridge
T@ 13+11.9 to	E-10			ELEV. 1860.7	BS 5.1	HI 1865.8	
-5.1	-20°37'	92.9	87°	32 7	37 8	1828 0	Bot. in Drain
15+00 2 (E-10) 10.1	LEV.	—	188 3		-10 1	1855.7	On Ridge = E-10
T@ E-10 to	W-5A			ELEV. 1855.7	BS 4.35	HI 1860.1	
T@ W-5A -4.35	-6°14	—	317.60 Calc.	- 34 7	-39 1	1821 0	W-5A (Elev. Check) Elev = 1821.13

Sheet #4

F. B2203 Pg 1

76F309S CE # 310 3-61

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Sight ON	Rod	± Vert ∠	Slope Dist.	Hor. Dist.	± Vert. Dist.	Diff elev.	Elev.	Desc.
Cont. from Bot. Pg. 113					(P-5B to N.W. Ridge)			
TC	6+43.4		Elev = 1600.6		BS = 5.2	HI = 1605.8		
8+21.2	-5.2	+2°31'	178.0	177.8	+7.8	+2.6	1608.4	
8+51.2		Call	+30.0	207.8	Same elev.		1608.4	Gt. Brk
9+12.9	-5.2	+3°34'	270.0	269.5	+16.8	+11.6	1617.4	Toe slope
9+43.5	-5.2	+4°21'	301.0	300.1	+22.8	+17.6	1623.4	Toe slope
TC	9+43.5		Elev = 1623.4		BS = 5.2	HI = 1628.6		
10+52.0	-5.2	+6°41'	109.2	108.5	+12.2	+7.5	1636.1	Top ridge

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

Survey of Plum Gyp. Rd.
JN 0095.4 Tape ____ Std ____ °F
Surveyed by R.C. Bowers
Notes C.D. Date 7/65
Indexed E. J. GALLY

F. B 3203 PG. 111

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SETTING ON W-8 & SIGHTING ON P-6 WE TURNED an angle of 71-30 S.W.

400 π @ W-8 FB 2907-240 ELEV. = 1614.86 B.S. = 5.5 Hi. = 1620.4

Sight on 71° 30' South	Rod West	± VERT ∠	Slope dist.	Horz dist.	± VERT dist	± DIFF ELEV.	ELEV.	DESC.
0+74.7	7.8	Lev.		74.7		-7.8	1612.6	N. bnk. wash
1+27.0	8.5	Lev.		127.0		-8.5	1611.9	bot. "
1+84.0	3.5	Lev.		184.0		-3.5	1616.9	S bnk. "
2+83.7	2.2	Lev.		283.7		-2.2	1618.2	Flat
π @ 2+83.7			ELEV =	1618.2		B.S. 5.10	Hi. =	1623.3
3+59.7	1.4	Lev		76°		-1.4	1621.9	bot. brk.
3+93.6	5.1	+ 6°-02'	110.5	109.9	+11.6	+5.5	1627.4	Top "
4+64.3	5.1	+ 8°-12'	182.5	180.6	+26.0	+20.9	1644.2	Gr. "
5+11.7	5.1	+ 9°-16'	231.0	228.0	+37.2	+32.1	1655.4	
	5.1	+ 11-13	301.0	295.3	+58.5	+53.4	1676.7	
π @ 5+11.7			ELEV. =	1676.2		B.S. = 4.8	Hi	= 1681.5
5+66.1	4.8	+ 24°-52'	60°	54.4	+25.2	+20.1	1701.9	Side hill brnt
6+45.6	4.8	+ 28°-17'	152°	133.9	+72.0	+67.2	1748.7	Top rdg. -

Sheet 4

F. B. 3203 PG. 112

76F3095 CE # 310 3-61

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STA.	ELEVATION	SLOPE DIST.	HORIZ. DIST.	ELEVATION	OFF. ELEV.	ELEV.	DESC.
T@ P-5B to	P-5A ∠ 73°40'	to N.W.		ELEV. 561.26	B.S. 5.1	H.I. 1564	
0+32.5	-5.7	LEV.	32.5		-5.7	1560.7	Top S. Bank
0+42.0	-7.0	LEV.	42.0		-7.0	1559.4	Bot.
0+56.5	-5.2	LEV.	56.5		-5.2	1561.2	Top N. Bank
1+27.4	-5.5	LEV.	127.4		-5.5	1560.9	GR. BRK.
1+34.4	-4.5	LEV.	134.4		-4.5	1561.9	Toe of Slope
1+71.1	-5.1	+7°42'	171.1	23.3	+18.2	1584.6	S. Side of Toe
(1+76.7)	-5.1	+7°49'	176.7	24.3	19.2	1585.6	1+76.7 Toe of
T@ 1+76.7 to	N.W.			ELEV. 1585.6	B.S. 5.1	H.I. 1590.7	1+76.7
2+31.9	-7.5	LEV.	55.2		-7.5	1583.2	GR. BRK.
2+50.2	-6.6	LEV.	73.5		-6.6	1584.1	GR. BRK.
3+02.5	-9.4	LEV.	125.8		-9.4	1581.3	S. Top. BL.
3+16.5	-12.5	LEV.	139.8		-12.5	1578.2	Bot.
3+30.5	-10.2	LEV.	153.8		-10.2	1580.5	N. Top. BL.
3+78.2	-7.6	LEV.	202.0		-7.6	1583.1	Toe of Slope
4+17.2	-4.4	LEV.	240.5		-4.4	1586.3	Slope
4+76.6	-5.1	+1°10'	300.0	299.9	6.1	1591.7	Toe
T@ 4+76.6 to	N.W.			ELEV. 1591.7	B.S. 5.0	H.I. 1596.7	
5+36.8	-5.0	+3°16'	60.3	60.2	3.4	-1.6	1595.1	Slope.
5+73.4	-5.0	+2°49'	96.9	96.8	4.8	-1.2	1595.4	Slope
5+81.4	-5.0	+2°53'	104.9	104.8	5.3	+0.3	1597.0	Slope
6+43.4	-5.0	+3°04'	167.0	166.8	8.9	+3.9	1600.6	6+43.4 GR. BRK.
T@ 6+43.4 to	N.W.			ELEV. 1600.6	B.S. 5.2	H.I. 1605.8	
7+13.2	-5.2	+1°30'	70.5	70.5	+1.8	-3.4	1602.4	Slope
7+88.3	-5.2	+2°13'	145.0	144.9	+5.6	+0.4	1606.2	

(CONTINUED ON P9.111)

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

Survey of Plum Cyn. Rd.
JN0095.76 Tape ____ Std. ____ °F
Surveyed by C.H. Morrison
Notes C.H.M. Date 7/25
Indexed G. A. Gallo

F. B3203 PG. 113

Sheet 154

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SIGHT ON	BOD	± VERT. ∠	SLOPE DIST.	HORZ. DIST.	± VERT. DIST.	± DIFF. ELEV.	ELEV.	DESC.
π@P-6 to T.C. 13		F.B. 2907-137		F.B. 3203-30	ELEV 1586.74	B.S. 5.5	H.I. 1592.2	
0+10 0	-4.7	LEV		10.0			1587.5	BEC. IN GL.
0+15 0	-3.4	LEV.		15.0			1588 8	BEK. IN GL.
0+52 5	-4.1	LEV.		52.5			1588 1	BEK IN GL.
1+31 3	-5.5	+1°55'	131.3	131 3	2 1	3 4	1595 6	TOP OF BANK
1+39 0	-5.7	LEV		139.0			1586 5	TOE OF BANK
2+20 7	-1.3	LEV.		220 7			1590 9	N. Side of Bot.
2+28 7	-0.0	LEV		228 7			1592 2	TOP
2+54 9	-5.5	+0°58'	255.0	254 9	-4.3	+1 2	1591 0	BEK IN GL.
(2+71.1)	-5.5	+1°27'	271.2	271.1	6.9	+1.4	1593.6	2+71.1
π@2+71.1 to T.C. 13					ELEV. 1593.6	B.S. 5.3	H.I. 1598.9	
2+97 9	-3.9	LEV		268		-3.9	1595 0	Flat
3+27 0	-5.3	+6°11	56.2	55 9	6 0	+0 7	1599 6	Toe of Slope
3+96 7	-5.3	+13°07'	129.0	125 6	29 3	+24 0	1622 9	Slope
(4+52.4)	-5.3	+14°59'	187.7	181.3	48.5	+43.2	1642.1	4+52.4 TOP OF SLOPE
π@4+52.4 to T.C. 13					ELEV. 1642.1	B.S. 5.2	1647.3	4+52.4
5+16 8	-5.2	+8°32'	65.0	64 4	9 1	+3.9	1651 2	GL. BEK.
6+51 1	-5.2	+7°16'	200.3	198 7	25 3	+20 1	1667 4	TOE OF SLOPE
7+49.0	-5 2	+9°55'	299.5	296 6	41.3	36.1	1683.4	Slope 7+49.0
π@7+49.0 to T.C. 13					ELEV. 1683.4	B.S. 5.2	H.I. 1688.6	
7+58 3	-3.7	LEV.		9 3		-3 7	1684 9	GL. BEK.
8+21 7	-5.2	+11°48'	74.3	72 7	15.2	10.0	1698.6	Slope (8+21.6)
π@8+21.7 to T-3		F.B. 3203-35			ELEV. 1698.6	B.S. 5.0	1703 6	Slope
8+92 3	-5.0	+7°30	71.2	70 6	9 3	+4 3	1692 9	Slope
9+28 2	-5.6	+12°17	106.5		13.5	9.5	1712.1	TC-13 9+27.2

Sheet 43

(14)

3203

F.B. PG. 12

76F3095 CE # 310 3-61

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STAT ON COD	±VERT. ∠	SLOPE DIST.	HORZ. DIST.	±VERT. DIST.	DIFF. ELEV.	ELEV	DESC
T@P-5 to TC-11	F.B 2907-13;	F.B. 3203-28		ELEV. 1523.92, B.S. 5.5		H.I = 1529.4	S. Edge of Rd.
0+21.8 -4.7	LEV.		21.8		-4.7	1524.7	N. Ed. of Rd.
0+24.8 -4.1	LEV.		24.8		-4.1	1525.3	TOP OF BERM
0+83.4 -1.2	LEV		83.4		-1.2	1528.2	CTR. OF Road.
0+98.0 -0.7	LEV		98.0		-0.7	1528.7	N. Side of Road.
1+00.9 -5.5	+3°22'	101.2	100.9	5.9	+0.4	1529.8	Top. of BERM.
1+68.8 -5.5	+2°50'	169.0	168.8	8.4	+2.9	1532.3	FLAT
2+34.8 -5.5	+2°36'	235.0	234.8	10.6	+5.1	1534.5	TOE OF RIDGE 2+34.8
T@ 2+34.8 to	TC-11	ELEV. 1534.5		B.S. 4.9		H.I. 1539.5	TOE OF RIDGE.
3+14.8 4.9	+21°30'	85.7	80.0	30.7	25.8	1565.3	NOSE @ 3+14.8
T@ 3+14.8 to	TC-11			ELEV. 1565.3	B.S. 4.9	H.I = 1573.2	NOSE OF RIDGE
3+67.3 -3.5	LEV.		52.5		-3.5	1566.7	SWALE
4+30.3 -4.9	+5°12'	116.0	115.5	10.5	+5.6	1575.8	GL. BLK
4+53.0 -4.9	+6°12'	139.0	138.2	15.0	+10.2	1580.4	GL. BLK
5+35.0 -4.9	+6°52'	221.8	220.2	26.5	+21.6	1591.8	GL. BLK.
[6+12.9] -4.9	+7°56'	301.0	298.1	41.5	36.6	1606.8	S. Side of Ridge 6+12.9
T@ 6+12.9 to	TC-11			ELEV. 1606.8	B.S. 4.9	H.I. 1611.7	6+12.9
6+41.1 -1.3	LEV.		28.2		-1.3	1610.4	TOP. of Ridge.
6+84.7 -2.5	LEV.		71.3		-2.5	1609.2	GL. BLK
7+70.0 -4.9	+2°15'	157.8	157.2	6.2	+1.3	1613.0	FLAT.
8+38.5 -4.9	+2°26'	225.3	225.6	9.6	+4.7	1616.4	TOE OF SLOPE
9+10.9 -4.9	+4°47'	299.0	298.0	24.9	20.0	1631.7	Side of Slope 9+10.9
T@ 9+10.9 to TC-11				1631.7	B.S. 4.7	EL. 1636.4	9+10.9
9+81.9 -4.7	+6°38'	71.5	71.0	8.3	+3.6	1640.1	
T-11 11+09.3 -4.9	+10°08'	201.5	198.4	35.5	+30.8	1667.2	TC-11 F.B.

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

Survey of Plum Gym. Rd.
JN 2095.46 Tape Std. °F
Surveyed by C.N. Morrison
Notes CNM Date 7/65
Indexed G. J. GALL

F.B. 3203 PG. 115

Sheet 4

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SIGHT ON ROD	± VERT. ∠	SLOPE DIST.	HORZ. DIST.	± VERT. DIST.	DIFF. ELEV	ELEV.	DESC.
T@ P-5 to	S.E.	F.B 29	47-13	3203-29	ELEV 1523.92	B.S. 5.7	H.I. 1529.6
0+27.5	-6.2	LEV.		27.5		-6.2	1523.4	TOP. OF BANK
0+36.5	-7.9	LEV.		36.0		-7.9	1521.7	Bot of Bank
0+55.8	-7.0	LEV		55.8		-7.0	1522.6	N. BANK OF WASH
0+65.8	-8.8	LEV.		65.8		-8.8	1520.8	GR. BRK
0+78.5	-9.6	LEV.		78.5		-9.6	1520.0	BOT. of Wash
1+38.0	-6.8	LEV.		138.0		-6.8	1522.8	S. BANK of Wash
1+42.0	-5.0	LEV		142.0		-5.0	1524.6	GR. BRK
1+62.0	-4.7	LEV.		162.0		-4.7	1524.9	TOP. of Ditch
1+74.5	-7.4	LEV		174.5		-7.4	1521.2	Bot. of Ditch.
1+82.0	-4.6	LEV		182.0		-4.6	1525.0	TOP OF DITCH
3+00	-2.5	LEV		300.0		-2.5	1527.1	FLAT
T@ 3+00	±0	S.E.			ELEV. 1527.1	B.S. 4.9	H.I. 1532.0	Dot
3+33.5	-4.4	LEV	33.5	33.5		-4.4	1527.6	Dot of Brk
3+47.0	-4.7	LEV	47.0	47.0		-4.7	1527.3	TOP of BRK
3+64.4	-4.9	+3°43'	64.5	64.4	4.2	-0.7	1531.3	GRADE
3+70.8	-4.9	+4°05'	71.0	70.8	5.0	+0.1	1532.1	GR. BRK.
4+59.8	-4.9	+2°56'	160.0	159.8	8.2	+3.3	1535.3	TOE OF SLOPE
5+57.8	-4.9	+9°08'	210.5	207.8	33.4	+28.5	1560.5	SIDE of SLOPE
5+89.4	-4.9	+15°16'	300.0	289.4	79.0	74.1	1606.1	5+89.4
T@ 5+89.4	to S.E.				ELEV 1606.1	B.S. 4.7	HI 1610.8	
6+16.6	-4.7	+20°27'	29.0	27.2	10.1	+5.4	1616.2	(6+16.6)
T@ 6+16.6	±0 S.E.				ELEV. 1616.2	B.S. 4.7	1620.9	6+16.6
6+93.5	-4.7	LEV.		77.0		-4.7	1616.2	GR. BRK
7+66.5	-4.7	+6°48'	151.5	150.4	17.9	+13.2	1624.0	SLOPE

Sheet 4 of 16

F.B. 3203 PG.

(CONTINUED ON Pg. 117

76F3095 CE # 310 3-61

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Do not extend this side of this line.

316+7 ON Bd	±VERT. ∠	SLOPE DIST.	HORZ DIST.	± VERT. DIST	DIFF. ELEV.	ELEV.	DESC.
T.B. @ 6+16.6 to	S.E.			ELEV. 1616.2	B.S. 4.7	HI = 1620.9	6+16.6
-4.7	+10°50'	223.0	219.0	41.9	+37.2	1658.1	SLOPE
8+91.3 -4.7	+12°12'	281.0	274.7	59.4	+54.7	1675.6	8+91.3
T.B. @ 8+91.3 ±	S.E.			ELEV. 1675.6	B.S. 4.7	H.I. 1630.3	
-4.7	+20°00'	105.5	99.1	36.1	+31.4	1711.7	Slope
	+20°43'	180.5					N. Side of Ridge
10+79.2	+20°49'	201.0	187.9	71.4	66.7	1747.0	N. Side of Ridge
T.B. @ 10+79.2	to S.E.			ELEV. 1747.0	B.S. 4.4	H.I. 1751.4	
11+43.0 -4.4	+10°50'	65.0	63.8	12.2	7.9	1759.2	Top Ridge
T.B. @ 11+43.0	to P-5 (NW)			ELEV. 1759.2	B.S. 5.0	1764.2	
-5.0	+11°40		1143.0	232.[illegible]	241.0	1523.2	P-5 Check Shot

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

Survey of Plum Cyn. Rd.
JN 0095.46 Tape Std. °F
Surveyed by C.H. Morrison
Notes C.D. Date 7/65
Indexed G. J. Cally

F. B. 3203 PG. 117

Sheet 4

76F309S CE # 310 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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SIGHT ON	ROD	± VERT ∠	SLOPE DIST	HORIZ DIST	± VERT DIST	DIFF. ELEV	ELEV	DESCRIPTION
⊼@ P-7 (0+00)		GOING NORTH			ELEV=1652.21	B.S.= 5.9'	HI=1658.1	
	5.7	@ LEV	10.9	10.9				EDGE RD.
	7.4	@ LEV	63.4	63.4				TOP BANK
	10.4	@ LEV	70.3	70.3				BOT
	11.7	@ LEV	87.0	87.0				BOT
	6.8	@ LEV	100.7	100.7				TOP BANK
	9.4	@ LEV	188.0	188.0				
	11.9	@ LEV	244.0	244.0				TOE
	5.9	+ 1°37'	260.1					TOP
2+99.2	5.9	+ 2° 30'	300.0	299.72	13.1'	7.2	1665.3	
⊼@ 2+99.2		To North			ELEV=1665.3	B.S.= 5.2	HI=1670.3	
3+72.7	2.4	@ LEV	73.0	73.0		2.4	1667.9	TOP
⊼@ 3+72.2		To North			ELEV=1667.9	B.S. 5.1	HI=1673.0	
	5.1	−18°36'	39.5					BOT GORGE
	5.1	− 8°09'	54.0					BREAK
	5.1	− 4°17'	80.7					
		CALL		89.5	CALL	−2.5		
	5.1	−1°32'	118.8					TOE
	5.1	+ 5° 43'	177.0					TOP GORGE
	5.1	+ 6°53'	232.0					GRADE BREAK
6+68.2	5.1	+ 9°10'	300.0	296.2	47.8	42.7	1715.7	SIDE HILL
⊼@ 6+68.9		to North			ELEV=1715.7	B.S.= 5.2	HI=1720.9	
7+37.1	5.2	+ 14°37'	70.5	68.2	17.8	12.6	1733.5	SIDE HILL
⊼@ 7+37.1		To North			ELEV=1733.5	B.S.=5.2	HI=1738.7	
7+60.2	3.2	@ LEV	23.1	23.1		3.2	1735.5	7+60.2 (TOP OF HILL)
⊼@ 7+60.2	5.3	− 6° 15'		76.2	7+60.2 TAN DIST' FROM TOP OF HILL TO P-7	DIFF EL=83.3		

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

Survey of Plum Cyn. Rd.
JN 0095.46 Tape ____ Std. ____ °F
Surveyed by C. H. Morrison
Notes C.P.
Date 7/65
Indexed J. A. GALL

F. B. 3208 PG. 119

Sheet 3

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SIGHT ON	ROD	± VERT ∠	SLOPE DIST	HORIZ DIST	± VERT DIST	DIFF ELEV.	ELEVATION	DESCRIPTION
⊼ @ P-7 (0+00)		GOING SOUTH			ELEV=1652.21	BS=5.8	H.I=1658.0	1" I.P. DN 3.8'
	4.9	@ LEV		36.5				TOP BANK
	5.8	@ LEV		79.0				BOT
	3.9	@ LEV		105.5				BOT
	0.1	@ LEV		119.0				TOP BANK
	5.8	+2° 48'	152.2					BREAK GRADE
	5.8	+3° 44'	192.0					" "
	5.8	+4° 04'	219.0					TOE HILL
	5.8	+6° 21'	249.0					SIDE HILL
2+95.9	5.8	+9° 28'	300.0	295.9	49.3	43.5	1701.5	" "
⊼ @ 2+95.9	to	South			ELEV=1701.5	BS=4.7	HI=1706.2	
	4.7	+23° 26'	172.0					SIDE HILL
⋮	4.7	+24° 19'	198.8					" "
5+66.0	4.7	+24° 09'	296.0	270.1	121.1	116.4	1822.6	" "
⊼ @ 5+66.0	to	South			ELEV=1822.6	BS=5.1	HI=1827.7	
5+99.6	5.1	+14° 33'	34.7	33.6	8.7	3.6	1831.3	

Sheet #3

F.B. 3203 PG. 120

76F3095 CE # 310 3-61

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SIGHT ON	ROD	± VERT ∠	SLOPE DIST	HORIZ DIST	± VERT DIST	DIFF ELEV	ELEVATION	DESCRIPTION
T@ P-70 to N.		F.B.			ELEV. 1681.45	B.S. 5.2	1686.7	
	-4.8	LEV	8.5	8.5				S. TOP
	-6.4	LEV	11.8	11.8				CENTER
	-3.0	LEV	34.2	34.2				N. Side of Rd
	-0.8	LEV	83.0	83.0				GR. BRK
	-5.2	+4°20'	105.5					GR. BRK.
	-5.2	+4°20'	183.0					FLAT
	-5.2	+4°01'	216.3					FLAT
	-5.2	+4°03'	217.8					GR. BRK.
	.	DN 99 FROM	284.0					
	-5.2	+3°50	286.0					
(2+93.4)	-5.2	4°18'	294.2	293.4	22.1	16.9	1703.6	1
T@ 2+93.4 to N					ELEV. 1703.6	B.S. 5.3	H.I. 1708.9	2+93.4
	-4.5	LEV	23.0					Flat
	-5.3	+4°08'	50.0					TOE OF SLOPE
	-5.3	+6°58'	83.0					Side of Slope
	-5.3	+16°25'	158.8					Side of Slope
	-5.3	+17°57'	241.0					GR. BRK
5+75.7	-5.3	+19°48'	300.0	282.3	101.6	96.3	H.I. 1805.2	
T@ 5+75.7 to N.					1805.2	B.S. 5.1	H.I. 1810.3	
6+26.9	-5.1	+26°45	57.3	51.2	25.8	20.7	1831.0	6+26.9
	-5.1	-17°36	-13					S. Ed. of Bridge
T@ 6+26.9 to N					ELEV 1831.0	B.S. 5.1	H.I. 1836.1	6+26.9
(6+39.9)	2.5	LEV.	+13.0	13.0			1833.6	TOP OF BRIDGE

(OVER)

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

Survey of Plum Cyn. Rd.
JN 0095.46 Tape ____ Std ____ °F
Surveyed by L. H. Morrison
Notes C.P.
Indexed G. J. GALL Date 7/65

F.B. 3203 PG. 121

6+39.9

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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SIGHT ON	ROD	± VERT'L	SLOPE DIST.	HORZ. DIST.	± VERT. DIST	DIFF.	ELEVATION	DESCRIPTION
π@6+39.9 to:	P-70				ELEV. 1833.6	B.S. 4.9	H.I. 1838.5	6+39.9
	+4.9	13°20'		639.9	156.5	168.2	1682.0	P7-0

F. B. 3203 Pg. 122

76F3098 CE # 310 3-61

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SIGHT ON	ROD	±VERT ∠	SLOPE DIST.	HORZ. DIST.	±VERT. DIST.	DIFF. ELEV.	ELEV.	DESCRIPTION
π@ P-70 to	TC	-15			ELEV. 1681.45	B.S. 5.2	1686.7	
	-8.9	LEV.	32.5	32.5			1677.8	TOP OF N. BK.
	-11.6	LEV.	41.5	41.5			1675.1	bot. N side drain
	-11.4	LEV	52.4	52.4			1675.3	" S. SIDE DRAIN TOE of slope
	-5.2	+9°23'	75.0					Side of Slope
1+45.9	-5.2	+22°20'	156.7	145.9	59.5	54.3	1741.0	TOP of Ridge
π@ 1+45.9	to	TC-15			ELEV. 1741.0	B.S. 5.1	H.I. 1746.1	Top of Ridge H459
	+5.1	-16°52'	47.3					GR. BRK.
	+5.1	-8°09'	117.8					GR. BRK.
	+5.1	-7°15'	143.3					DR. & TOE OF Slope
	-5.1	+3°01'	211.5					GR. BK.
	-5.1	+6°36'	257.3					SWAIL
(4+41.9)	-5.1	+9°21	300.0	296.0	48.7	43.6	1789.7	Side of slope
π@ 4+41.9	to	TC-15.			ELEV. 1789.7	B.S. 4.8	1794.5	4+41.9
5+26.0	-4.8	+25°52'	93.3	84.1	40.8	36.0	1830.5	5+26.0
π@ 5+26.0	to	TC-15			ELEV. 1830.5	B.S. 4.8	H.I. 1835.3	5+26.0
	-4.8	+13°50'	90.3					SWAIL
	-4.8	+14°46'	131.4					Side of Slope
	-4.8	+19°38'	190.0					Side of Slope
	-4.8	+22°21'	233.8					Side of Slope
7+84.3	-4.8	+23°24'	291.5	259.3	111.8	107.0	1942.3	
π@ 7+84.3	to	TC-15			1942.3	B.S. 4.9	1947.2	
	-4.9	+11°32'	42.0					SWAIL
TC-15 8+77±	-4.9	+13°47	95.6	92.8	22.8	17.9	MEASURE 1965.1	TC-15

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

Survey of Plum Gyp. Rd.
JN 0095 46 Tape ____ Std. ____ °F
Surveyed by R.C. Bowers
Notes C.D. ____ Date 7/65
Indexed G. A. GALL

F. B. 3203 PG. 123

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SIGHT ON	Rod	±VERT ∠	SLOPE DIST	HORZ DIST	±VERT. DIST	DIFF. ELEV.	ELEVATION	DESCRIPTION
To East T@ TC-15 0° ON P-50 ∠ to Right of 82°03';					RECORD ELEV. 1965.3	B.S. 5.0	H.I 1970.3	1" I.P. & CTI, TAGGED Plug, Flush, on Nose
	+5.0	-10°42'	71.5					G.L. BRK
1+25.6	+5.0	-10°40	127.8	125.6	23.7	28.7	1941.6	GR. BRK 1+25.6
T@ 1+25.6 to East'					EL= 1941.6	B.S. 5.1	H.I. 1946.7	
1+85.4	+5.1	-23°10	65.0	59.8	25.6	30.7	1916.0	1+85.4
T@ 1+85.4 to EAST					EL= 1916.0	B.S. 5.1	H.I. 1921.1	1+85.4
	+5.1	-29°49'	73.5					Side of Slope
	+5.1	-29°17'	146.3					Side of Slope
	+5.1	-26°58'	230.0					TOE OF Slope
4+59.6	+5.1	-23°39'	300	274.2	120.1	125.2	1795.9	DRAIN 4+59.6
T@ 4+59.6 to East'					EL= 1795.9	B.S. 5.0	H.I. 1800.9	
6+14.3	5.0	+19°13'	135.0		48.5	43.5	1844.4	6+14.3
T 6+14.3 to EAST					EL= 1844.4	B.S. 5.1	1849.2	6+14.3
	5.0	-21°36	100.0					
	-5.0	-25°11	79.5					DRAIN
	-5.0	-24°19	35.0					GL. BRK
6+14.3	-5.0	+17°24	162.1		48.5	43.5	1844.4	6+14.3
T@ 6+14.3 to EAST					EL= 1844.5	BS=5.1	N= 1849.6	
6+37.3	-5.0	-11°42	23.5	23.0	4.8	-0.2	1849.2	
T@ 6+37.3 to TC-15					EL= 1849.2	B.S. 5.1	H.I=1854.3	6+37.3 Top Spur
0+00	-5.1	+10°20	637.3		116.2	111.1	1849.1	TC-15
T@ (0+00 = 6+37.3) To NORTH	0°@	To P-76 TC-15 ∠	To Right	140°57'	EL=1849.3	BS 5.3	H.I=1854.6	(6+37.3 & 0+00 N) Top Spur
	-6.5	LEV	19.1					
0+71.2	+5.3	-15°41'	74.0	71.2	20.0	25.3	1829.3	0+71.2

(CONTINUED ON PG 125)

76F309S CE # 310 3-61

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SIGHT ON	ROD	±VERT. ∢	SLOPE DIST.	HORZ. DIST	±VERT. DIST	DIFF. ELEV.	ELEVATION	DESCRIPTION
T@ 0+71.2	To		(P-7G)		1829.3	BS. 4.7	1834.0	
	+4.7	-24° 25'	32.0					GR. BRK
1+24.9	+4.7	-24° 34'	59.0	53.7	24.5	29.2	1804.8	1+24.9 GR. BRK
T@ 1+24.9 to	P-7G				1814.8	4.7	1819.5	1+24.9 GR. BRK
	+4.7	-33°22'	38.4					SIDE OF SLOPE
	+4.7	-33°16'	85.2					SIDE OF SLOPE
	+4.7	-33°51'	104.1					GR. BRK
2+81.4	+4.7	-29°53'	179.0		86.9	91.6	1717.9	2+81.4 bot.
2+81.4 0°@	0+00				1717.9	BS 5.0	1722.9	2+81.4 bot
	-5.6	LEV	32.0					TOE OF SLOPE
T 2+81.4 to	P-7G				1717.9	BS 5.0	1722.9	2+81.4 bot
	-7.3	LEV	40.0					DRAIN
	-3.4	LEV.	49.0					TOP OF BANK
	-4.0	LEV	76.0					ROAD
	-5.0	+1° 37'	127.0					TOE OF
4432 ± = P-76	-5.0	+4°05'	151.5		10.8	5.8	1728.7	P-7G = El = 1728.81

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

Survey of Plum Cyn. Rd.
JN 0095-40 Tape ____ Std. ____ °F
Surveyed by R. C. Bowers
Notes ____ Date 7/65
Indexed ____

F. B. 3203 PG. 125

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Sight on	Rod	± Vert∠	Slope DIST.	Hor. DIST.	± Vert. Dist.	Diff. Elev.	Elev.	Desc.
0+00 T@ Humphrey G-5. to West:				Elev = 2315.60		B.S. = 4.7	HI = 2320.3	
0+22.8	7.3	Lev.	–	22.8	–	-7.3		Brk. Top Ridge West.
0+52.7	4.1	-9°57'	53.5	52.7	-9.2	-13.9	2306.4	Brk. Side hill
T@ 0+52.7 to	West.	Elev = 2306.4			B.S = 4.9		HI = 2311.3	
	4.9	-12°14'	41.5					" "
	4.9	-18°20'	62.8					" "
2+14.1	4.9	-17°06'	168.9	161.4	-49.7	54.6	2256.7	" "
T@ 2+14.1 to West			Elev = 2256.7		B.S. = 5.5		HI = 2261.7	
	5.0	-21°36'	62.0					" "
	5.0	-20°18'	126.7					" "
4+03.7	5.0	-18°51'	200.3	189.6	-64.7	-69.7	2192.0	" "
T@ 4+03.7	to	West.	Elev = 2192.0		B.S. = 4.7		HI = 2196.7	
	4.7	-24°45'	18.0					Brk. Side of Cyn.
	4.7	-25°54'	25.7					" " " "
	4.7	-26°15'	32.0					Bot. Cyn.
	4.7	-19°37'	34.5					Brk. side of Cyn.
	4.7	+6°22'	105.0					side hill
5+61.5	4.7	+7°57'	159.3	157.8	+22.0	+17.3	2214.0	Brk
T@ 5+61.5 to West			Elev = 2214.0		B.S = 4.9		HI = 2218.9	
	4.9	+5°35'	47.7					Brk
	4.9	+3°02'	74.8					Brk.
	4.9	+6°19'	119.0					Bot Draw
	4.9	+9°09'	145.5					Brk.
	4.9	+12°17'	233.3					Brk.
8+54.8	4.9	+12°10'	300.0	293.3	+63.3	58.3	2277.2	Brk

F.B. 3203 PG 126

76F309S CE # 310 3-61

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Sight on	Rod	± Vert ∠	Slope Dist.	Hor Dist.	± Vert. Dist.	Diff Elev.	Elev.	Desc.
Humphrey G-5 to West.								
TP @ 84	54.9	to West	Elev = 2277.2		B.S. = 5.0		Elev = 2282.2	
	5.0	+11°26'	90.0					Brk.
10+11.7	5.0	+9°52'	159.3	156.9	+27.3	+22.3	2304.5	"
TP @ 10+11.7		to West	Elev = 2304.5		BS = 4.9		H.I. = 2309.4	
-	4.9	+4°25'	49.2					Brk.
11+06.5	4.9	+5°09'	95.2	94.8	+8.6	+3.7	2313.1	Top Ridge End of line
TP @ 11+06.5		to Humphrey G-5			Elev = 2313.1	BS = 4.9	H.I. = 2318.0	
Humphrey G-5	2.7	Level	-	1106.5	—	-2.7	2315.3	Check shot.

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

Survey of Plum Cyn. Rd.
JN 2095 44 Tape ____ Std. ____ °F
Surveyed by R.C. Bowers
Notes R.C.B. Date 7/65
Indexed G. J. GALLI

F. B. 3203 PG. 127

Notes Ck'd by	Survey of Palm Cyn Rd
Map No.	JN 0095-46 Tape 2.16 Std 84 °F
Office Work	Surveyed by R.C. DALE
Checked	Notes R.C.D. Date 7-8-65
Date	Indexed

F. B. 3203 Pg. 129

LINE "A"
SHEET 5

0+00 = P.3A
Fd 1" I.P. conc plug
& CE Tag Flush
Per FB 2907-134

LINE

4+82.71 = I-5
Fd 1x2 & T
Per FB 2907-101

SNAIL

SECTION 7
T4N
R15W

SECTION 8
T4N
R15W

10+18.96 = I-4
Fd 1x2 & T
FB 2907-101

SECTION

13+09.30 = I-3
Fd 1x2 & T
Per FB 2907-100

15+67.19 = I-2
Fd 1" I.P. conc Plug
& CE Tag Top Ridge
FB 2907-100

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 C.E. #310 6-62

LINE B SHEET 5

F. B. 3203 PG. 130

"P"

P-3A
Fd 1" I.P. Conc Plug & CET 29 Per FB 2907-134

0+00=
P-3 Fd 1" I.P. Conc Plug & CET 29 Per FB 2907-133

158°-18'-33"

2) 316-37-00
4) 273-14-00
6) 229-51-20
158°-18'-33"

293.40

293.58 @ 2°03' T=90 = 293.40

2+98.40
Set 1X1 & T

299.81 @ 1°77' T=98° = 299.74
2.00 @ Lev. T=98° = 2.00
301.74

301.74

5+95.14
Set 1X1 & T

232.76 @ 1°10' T=98° = 232.23
107.63 @ 4°17' T=102° = 107.34
340.07

340.07

9+35.21
Set 1X1 & T

254.61 @ 18°02 T=100° = 242.13

242.13

11+77.34
Set 1X1 & T

149.67 @ 17°08' T=98° = 143.04

143.04

13+20.38
Set 1X1 & T
TOD Spur

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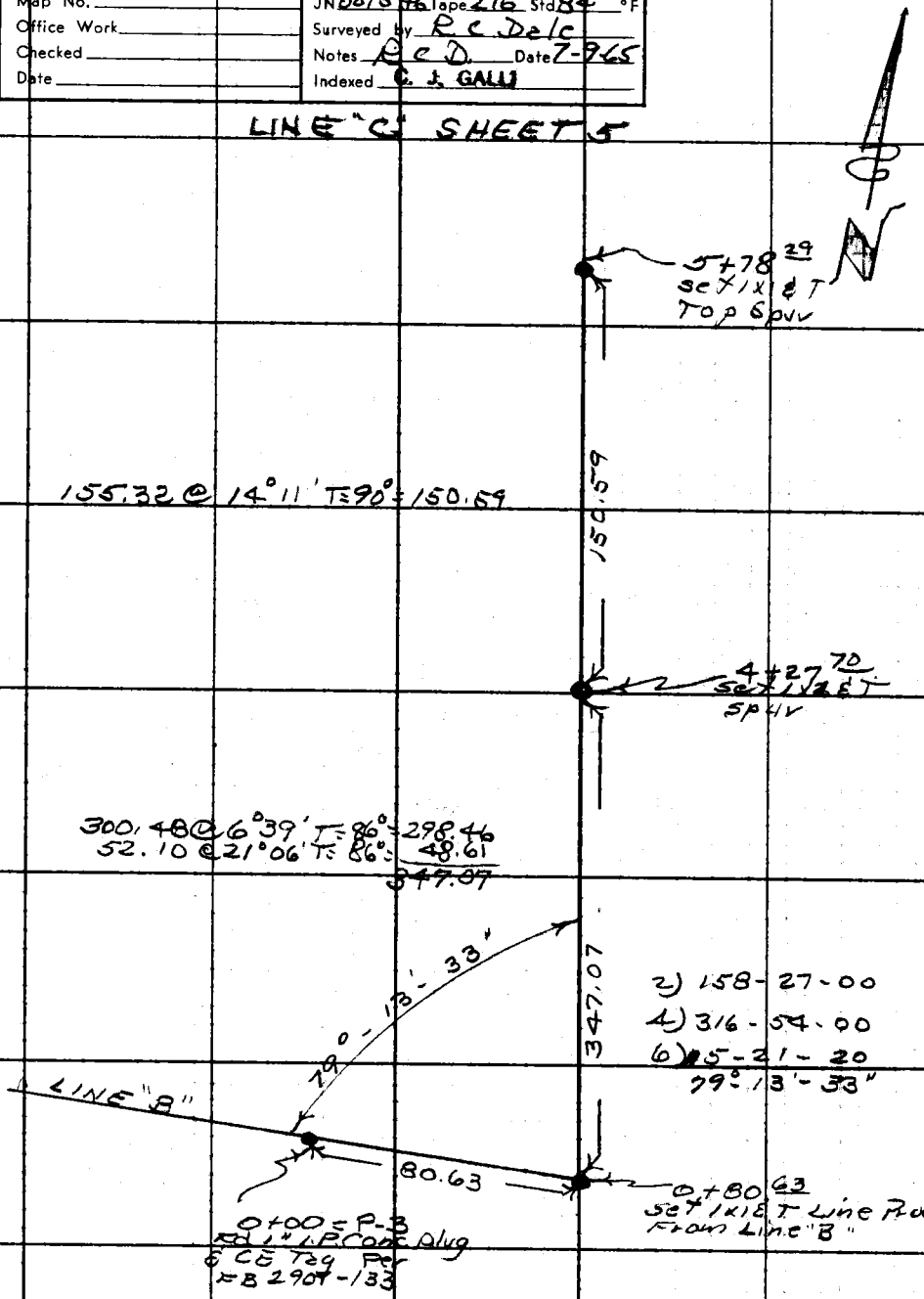
Notes Ck'd by	Survey of Plum Cyn Rd
Map No.	JN 0095 46 Tape 216 Std 82 °F
Office Work	Surveyed by R. C. Dale
Checked	Notes R. C. D. Date 7-9-65
Date	Indexed C. J. GALLI

F. B. 3203 Pg. 131

LINE "C" SHEET 5



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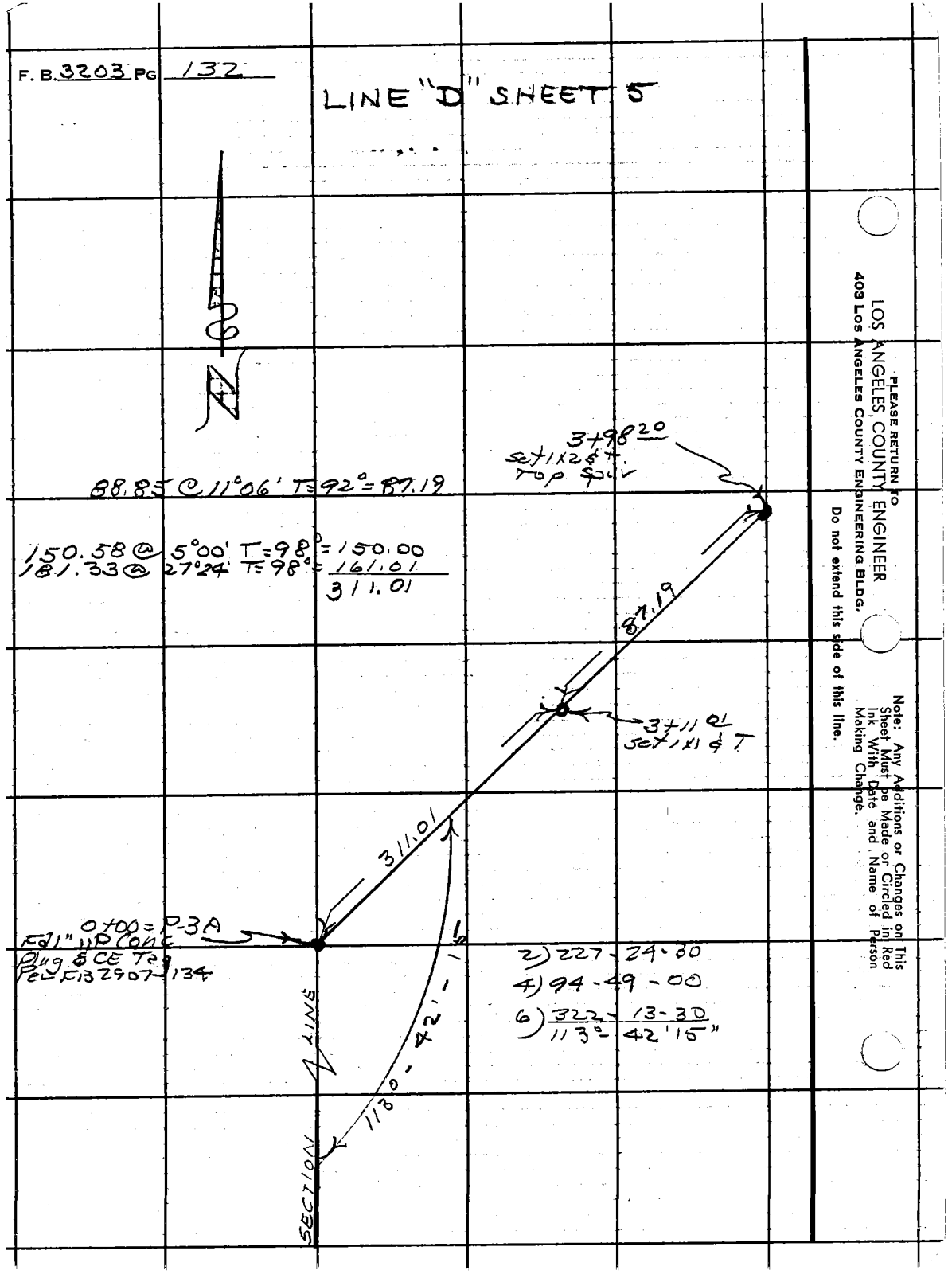
76F3095 C.E. #310 6-62

F. B. 3203 PG 132

LINE "D" SHEET 5



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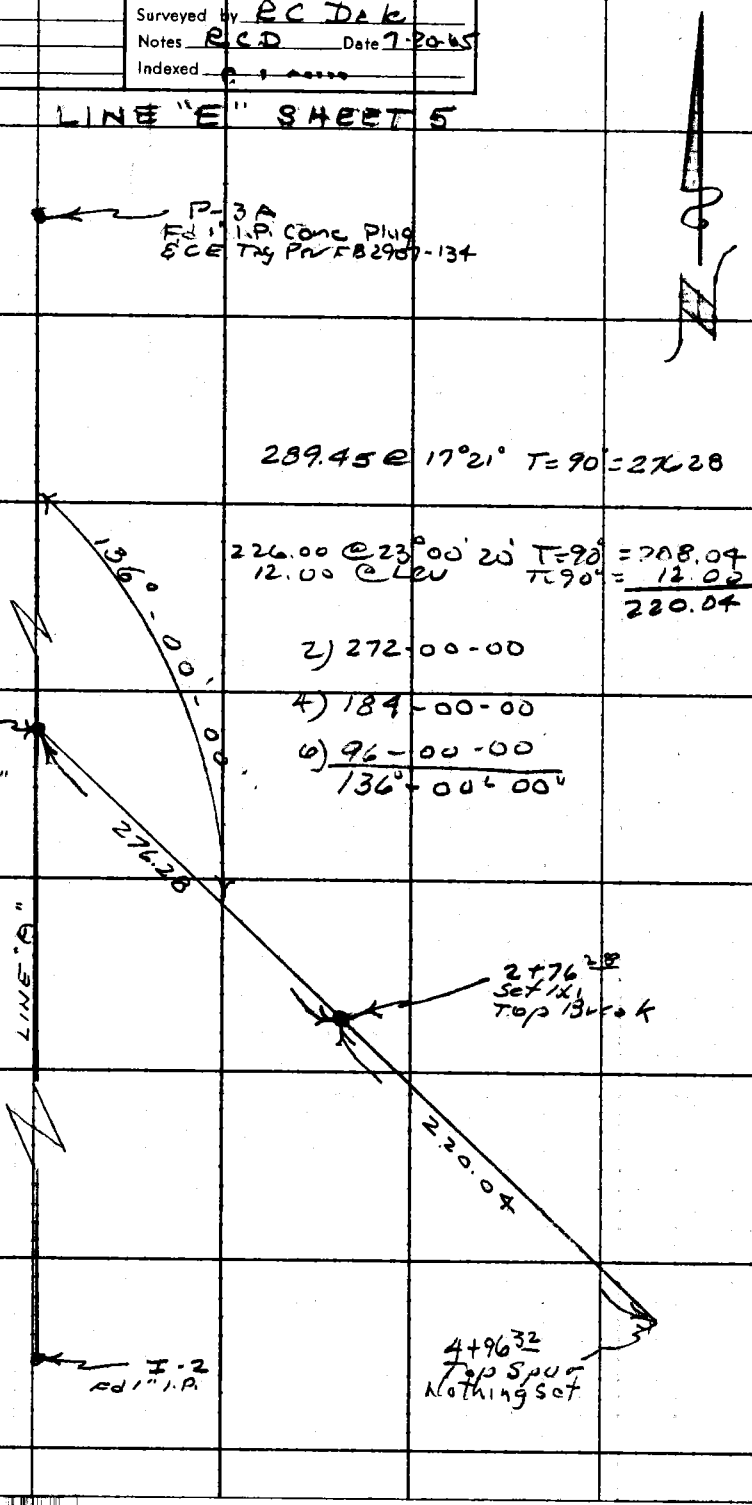
Map No.	JN 0095 96 Tape 217 Std. 84 °F
Office Work	Surveyed by RC Dale
Checked	Notes RCD Date 7-20-65
Date	Indexed

F. B. 3203 Pg. 133

LINE "E" SHEET 5



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℄ @ P3A = 0+00 LINE A SHEET 5 FB 2907-134 ELEV = 1477.27 HI = 5.25

SIGHT ON	- ROD	VERT ∠	HORIZ DIST	± VERT. DIST	DIFF. ELEV	ELEV	DISCRIPTION
0+11	5.2	0° 00'	11.0		—	1477.27	Top BNK
0+13	7.0	0° 00'	13.0	- 1.75		1476.52	Bot BNK Edge Road
0+23	7.0	0° 00'	23.0	- 1.75		1476.52	Edge Road
0+50	7.2	0° 00'	50.0	- 1.95		1475.32	
1+00	7.3	0° 00	100.0	- 2.05		1475.22	
1+41	7.7	0° 00	141.0	- 2.45		1474.82	Top Bnk
1+75	9.8	0° 00	175.0	- 4.55		1472.72	℄ Drain
2+07	6.6	0° 00	207.0	- 1.35		1475.92	Top BNK
2+50	6.5	0° 00	250.0	- 1.25		1476.02	
2+61	6.5	0° 00'	261.0	- 1.25		1476.02	Top Bnk
2+66	8.8	0° 00	266.0	- 3.55		1473.72	Bot Bnk
2+75	8.5	0° 00	275.0	- 3.25		1474.02	Bot Bnk
2+77	6.9	0° 00	277.0	- 1.65		1475.62	Top Bnk
3+00	5.5	0° 00'	300.0	- 0.25		1477.02	
3+50	4.2	0° 00	350.0	+ 1.05		1478.32	
4+00	3.8	0° 00	400.0	+ 1.45		1478.72	
4+50	1.4	0° 00	450.0	+ 3.85		1481.12	
4+82.71	5.25	+ 0-43-00	482.71	+ 6.04	+ 6.04	1483.31	I-5 1½ ET
5+33	5.25	+ 1-01-20	533.0	+ 9.51	+ 9.51	1486.78	Edge Bldg.
6+18.96	5.25	+ 3-13-20	1018.96	57.365	57.365	1534.64	I-4 1½ ET

℄ @ I-4 = 10+18.96 FB 2907-100-101 ELEV = 1534.64 HI = 5.15

0+00	5.15	- 3°14'30"	1018.96	-57.712	57.712	1476.93	P-3A 1" I.P.
6+00	5.15	- 5°53-20	418.96	-43.21	43.21	1491.43	
7+00	5.15	- 6°15-20	318.96	-34.96	34.96	1499.68	

LINE A SHEET 5

Notes Ck'd by
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Office Work
Checked
Date

Survey of Plum Cyn Rd.
JN 0095 46 Tape 216 Std 64 °F
Surveyed by R.C.D. Date 7-1965
Notes
Indexed R. J. GALLI

F.B. 3202 Pg. 135

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LINE A

T @ I-4 10+18.96 FB 2707-100,101 Elev = 1534.64 HI = 5.15

SIGHT ON	ROD	VERT ∠	HORIZ DIST	± VERT DIST	DIFF. ELEV.	ELEV	DESCRIPTION
8+00	5.15	-6°-28'-40"	218.96	-24.86	24.86	1509.78	
9+00	5.15	-6°-55-40	118.96	-14.45	14.45	1520.19	
10+00	7.3	0°-00	18.96	-2.15		1532.49	
11+00	5.15	+6°-01'-40	81.04	+8.56	8.56	1543.20	
12+00	5.15	+8°-05-40	181.04	+25.75	25.75	1560.39	Toe Slope
12+50	5.15	+12°-21'-20	231.04	+50.61	50.61	1585.25	
13+09.30	5.15	+14°-35'-10	290.34	75.55	75.55	1610.19	I-3 1½ & T

T @ I-3 = 13+09.30 FB 2707-101 Elev = 1610.19 HI = 4.76

SIGHT ON	ROD	VERT ∠	HORIZ DIST	± VERT DIST	DIFF. ELEV.	ELEV	DESCRIPTION
10+18.96	4.76	-14-35-00	290.34	-75.54	75.54	1534.65	I-4 1½ & T
13+50	4.76	+18°-02-00	40.70	+13.25	+13.25	1623.44	
14+00	4.76	+18-43-20	90.70	+30.74	30.74	1640.93	
14+29.70	4.76	+19-49-40	120.40	+43.41	43.41	1653.60	℄ Draw
14+50	4.76	+21-52-00	140.70	+56.47	56.47	1666.66	
15+00	4.76	+24-46-20	190.70	+88.00	88.00	1698.19	
15+50	4.76	+26-48-40	240.70	+121.64	121.64	1731.83	
15+61	4.76	+26-54-00	251.70	+127.69	127.69	1737.88	Top Break
15+67.19	4.76	+26-21-30	257.89	+127.78	+127.78	1737.97	I-2 1½ & T. Top Ridge

T @ I-2 = 15+67.19 FB 2707-100 Elev = 1737.97 HI = 5.11

SIGHT ON	ROD	VERT ∠	HORIZ DIST	± VERT DIST	DIFF. ELEV.	ELEV	DESCRIPTION
13+09.30	5.11	-26-21-40	257.89	-127.80	127.80	1610.17	I-3 1½ & T
0+00	5.11	-9-27-00	1567.19	-260.85	-260.85	1477.12	0+00 = P-3A

136

F.B. 3203 PG

76F309S CE #310 6-62

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π @ P-3 = 0+00 Line "B" Sheet 5 FB 2907-133 Elev = 1465.28 HI = 5.81

SIGHT ON	ROD	VERT ∠	HORIZ DIST.	± VERT. DIST.	DIFF. ELEV	ELEV.	DISCRIPTION
0+25	5.3	0° 00'	25.00	+0.51		1465.79	Edge of Road
0+50	5.9	0° 00'	50.00	-0.09		1465.19	
0+54	5.8	0° 00'	54.00	+0.01		1465.29	Top Brk
0+69	9.4	0° 00'	69.00	-3.59		1461.69	Bot Brk.
1+00	10.4	0° 00'	100.00	-4.59		1460.69	
1+50	12.3	0° 00	150.00	-6.49		1458.79	
2+00	5.81	-2° 02-40	200.00	-7.14		1458.14	Top Brk
2+10.5	5.81	-2-23-00	210.50	-8.76		1456.52	Bot. Brk
2+44	5.81	-1-36-40	244.00	-6.86		1458.42	Top Brk
2+50	5.81	-1-38-00	250.00	-7.13		1458.15	
2+93.49	5.91	-1-44-40	293.40	-8.93		1456.35	1x1 ET
3+00	5.81	-1-46-40	300.00	-9.31		1455.97	
3+50	5.81	-1-44-00	350.00	-10.59		1454.69	
4+00	5.81	-1-57-20	400.00	-13.66		1451.62	
4+50	5.81	-1-50-00	450.00	-14.40		1450.88	
4+85	5.81	-1-45-00	485.00	-14.82		1450.46	Top BRK.
4+94	5.81	-1-54-40	494.00	-16.48		1448.80	Bot BRK
5+50	5.81	-1-47-00	550.00	-17.12		1447.16	
5+85	5.81	-1-48-00	585.00	-18.38		1446.90	Bot Brk
5+93.4	5.81	-1-36-40	593.14	-16.68		1448.60	1x1 ET Top Brk
6+50	5.81	-1-34-00	650.00	-17.78		1447.50	
7+00	5.81	-1-29-20	700.00	-18.19		1446.09	Grade BRK
7+50	5.81	-1-10-20	750.00	-15.35		1449.93	
8+00	5.91	-0-53-20	800.00	-12.41		1452.87	

LINE "B" SHEET 5

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

Survey of Plum Cyn Rd
JN 0093-46 Tape 216 Std. 84 °F
Surveyed by R.C.D. Date 6-9-65
Notes
Indexed C.J. GALLI

F.B. 3203 Pg. 137

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X @ P-3 = 0+00 LINE		B SHEET 5	FB2907-133		Elev = 1465.28	HI = 5.81	
SIGHT ON	ROD	VERT ∠	HORIZ DIST	± VERT. DIST	DIFF. ELEV	ELEV.	DISCRIPTION
8+50	5.81	-0-39-30	850.00	-9.77		1455.51	
9+00	5.81	-0-22-00	900.00	-5.76		1459.52	
9+35.21	5.81	-0-13-30	935.21	-3.67		1461.61	INLET
9+50	5.81	-0-10-00	950.00	-2.76		1462.52	
9+68	5.81	-0-09-20	968.00	-2.63		1462.65	Bot. Swal
10+00	5.81	+0-08-30	1000.00	+2.42		1467.70	Bot Brk
10+50	5.81	+1-06-40	1050.00	+20.67		1485.95	
11+00	5.81	+2-00-00	1100.00	+38.41		1503.69	
11+50	5.81	+3+15-40	1150.00	+65.54		1530.82	
11+77.34	5.81	+3-41-00	1177.34	+75.79		1541.07	INLET TOP BRK
12+00	5.81	+3-39-00	1200.00	+76.55		1541.83	Bot Brk
12+50	5.81	+4-22-00	1250.00	+95.45		1560.73	
13+00	5.81	+5-03-50	1300.00	+114.94		1580.22	
13+20.38	5.81	+5-11-00	1320.37	+119.78	+119.78	1585.06	INLET TOP SPUR
X @ 13+20.38			Elev =	1585.06		HI = 5.15	
0+00	5.15	-5-11-30	1320.37	-119.97	119.97	1465.09	P-3 1" I.P.

F. B. 3203 PG 138

76F309S CE #310 6-62

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T @ P-3 = 0+00 Line "C" Sheet 5 Per FB 2907-133 Elev = 1465.28 HI = 5.81

SIGHT ON	ROD	VERT ∡	HORIZ DIST	± VERT DIST	DIFF ELEV	ELEV	DESCRIPTION
0+80.63	-0.79	0° 00'	80.63	+ 5.02		1470.30	
T @ 0+80.63 LINE "C" SHEET 5 ELEV = 1470.30 HI = 5.12							
0+00	-10.11	0° 00	80.63	- 4.99		1465.31	
1+50	6.7	0° 00'	169.37	- 1.58		1468.72	
2+00	4.2	0° 00'	119.37	+ 0.92		1471.23	
2+50	3.3	0° 00	169.37	+ 1.82		1472.12	
* 3+00	4.00	+ 0-21-00	219.37	+ 1.34	+ 2.46	1467.77	
3+18	4.00	+ 0-21-00	237.37	+ 1.45	+ 2.57	1467.88	Bot. Cut Bnk
3+30	5.12	+ 3-40-20	249.37	+ 16.00		1486.30	Top cut Bnk
3+50	5.12	+ 5-13-00	269.37	+ 24.59		1494.89	
3+79.29	5.12	+ 7-07-00	298.46	+ 37.26		1507.56	1x1
4+00	5.12	+ 8-05-20	319.37	+ 45.39		1515.69	
4+27.20	5.12	+ 8-55-00	347.07	+ 54.45		1524.75	1x1 & T Top Brk
4+50	5.12	+ 8-00-00	369.39	+ 51.91		1522.21	
5+00	5.12	+ 9-19-40	419.37	+ 68.88		1539.18	
5+50	5.12	+ 10-10-20	469.37	+ 84.22		1554.52	
5+78.29	5.12	+ 10-41-30	492.66	+ 93.96	93.96	1559.24	
T @ 5+78.29 ELEV = 1559.24 HI = 5.09							
0+80.63	5.09	- 10-42-00	497.66	- 94.03	94.03	1465.21	
5+88.29	3.09	0° 00	10.0	+ 2.00		1561.24	Top Center knob see Note

Wooden Platform on Top of knob not shown on map, approx 3.00 above elev. shown here.

LINE "C" SHEET 5

Survey of Palm Gen Rd
JN 009446 Tape 2/6 Std 84 of F
Surveyed by R.C. Dale
Notes
Indexed C.J. GALL Date 7-9-65

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

F.B. 3203 Pg. 139

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TC @ P-3A 0+00 Line "D" Sheet 5 Per FB — Elev = 1477.27 HI = 5.37

SIGHT ON	ROD	VERT ∠	HORIZ DIST.	± VERT DIST	DIFF. ELEV	ELEV.	DISCRIPTION
0+50	5.37	+6-17-40	50.00	+5.52		1482.79	
1+00	5.37	+6 16-20	100.00	+10.99		1488.26	
1+50	5.37	+5-55-00	150.00	+15.55		1492.82	
1+68	5.37	+6-00-00	168.00	+17.66		1494.93	Toe Slope
2+00	5.37	+9-34-00	200.00	+33.71		1510.98	
2+50	5.37	+13-40-20	250.00	+60.82		1538.09	
3+00	5.37	+17-35-40	300.00	+95.01		1572.28	
3+11.01	5.37	+17-55-50	311.01	+100.64	100.64	1577.91	Top Break
3+50	5.37	+17-22-00	350.00	+109.46		1586.73	
3+98.20	10.00	+17-21-30	398.20	+124.47	+119.84	1597.11	1x1 Top Spur
TC @ 3+11.01				Elev = 1577.91		HI = 4.85	
0+00	-4.85	-17-56-10	311.01	-100.67	100.67	1477.24	

LINE D SHEETS

F. B. 3263 PG. 140

76F3095 C.E. #310 6-62

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TC I-4 = 0+00 Line "E" Sheet 5 FB Elev = 1534.64 HI = 5.01

Sight on	Rod	Vert ∠	Horiz Dist	± Vert Dist	Diff Elev	Elev	Description
0+50	5.01	+4-50-20	50.00				Flat
1+01.52	5.01	+6-19-40	101.50				Toe Slope
1+50	5.01	+11-41-20	150.00				Top Spur
2+00	5.01	+15-24-00	200.00				Top Spur
2+50	5.01	+16-56-20	250.00				Sidehill
2+76.28	5.01	+17-40-20	276.28	+88.02	88.02	1622.66	1x1 Top Break
TC 2+76.28					Elev = 1622.66		HI = 4.64
0+00	4.64	-17-40-40	276.28	-88.05	88.05	1534.61	I-4 1x1
3+00	4.64	0° 00' 00"					Sidehill
3+50	4.64	+5-25-20					
3+64	4.64	+6-23-20					Bot Drew
4+00	4.64	+13-18-00					
4+50	4.64	+20-10-40					
4+84.32	4.64	+23-00-20	208.04				Top Brk
4+96.32	4.64	+22-28-40	220.04	+91.04	91.04	1713.70	Top Ridge

LINE "E" SHEET 5

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

Survey of Plumtree Rd
JN 09986 Tape 217 Std 84 °F
Surveyed by R.C.D. Date 7-20-65
Notes
Indexed G. J. GALLI

F.B. 3203 PG. 141

Notes Ck'd by	Survey of Plum Cyn Rd
Map No.	JN 50954 Tape 216 Std 84 °F
Office Work	Surveyed by R C Dale
Checked	Notes RCD Date 7-14-05
Date	Indexed G. J. GALLI

F. B. 3203 Pg. 143

LINE "A" SHEET 6

13+66 55
A-35
Fd 1x2 & T
Per FB 2907-20
Elev = 1903.2

9+53 09
A-34
Fd 1x2 & T Per
FB 2907-19
Elev = 2020.56

SECTION 3
T4N
R15W

6+61 45
A-33
Fd 1x2 & T
Per FB 2907-19

SECTION 10
T4N
R15W

1+56 50
A-32
Fd chiz x on rock
Per FB 2907-18

0+00
A-31
Fd 1x2 & T
Top Bridge
Per FB 2907-18
Elev = 2252.03

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76F309S CE #3 10 6-62

F. B 3203 PG 144

LINE B SHEET 6

14+68.31 = P. 14 A
Fd 1/2 ⊥ T Per
FB 2907 - 147, 148

85.28

35.28 @ Lev T=84° = 35.28

283.03

300.64 @ 19°42' T=76° = 283.03

150.00

166.10 @ 25°26' T=84° = 150.00

10+00
set 1x1 ⊥ T
Top Spur

350.00

300.22 @ 11°18'40" T=76 = 294.37
55.64 @ Lev T=76 = 55.63
350.00

6+50
set 1x1 ⊥ T

350.00

300.75 @ 9°44'40" T=78° = 296.40
53.60 @ Lev T=78 = 53.60
350.00

3+00
set 1x1 ⊥ T

275.00

291.80 @ 19°32' T=78° = 275.00

0+25
set 1x1 ⊥ T

25.00

25.00 @ Lev T=78 = 25.00

T.C. T=76 = 0+00
Fd 1" I.P. Conc Plug & Tag
Per FB 2907

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Notes Ck'd by	Survey of Plum Cyn Rd
Map No.	JN 009586 Tape 216 Std 84 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D. Date 7-9-65
Date	Indexed C. J. GALLI

F. B. 3203 Pg. 145

LINE "E" SHEET-6

9+95.14
TC-37
Fd 1" I.P. Conc Plug
& CE Tag
Top Sdlk
Per FB 3203
Elev = 2277.04

262.40 @ 5°50 T = 92' = 261.05

261.05

7+34.14
Set 1x1
Top Bnk

240.60 @ 13°19' T = 90' = 234.14
216.09 @ 22°15' T = 86' = 200.00
434.14

434.14

3+00
Set 1x1
Side hill

251.85 @ 20°20' T = 86' = 236.16
13.84 @ Lev T = 86' = 13.84
250.00

250.00

0+50
Set 1x1
Side hill

50.00 @ Lev T = 86 = 50.00

50.00

TC-36
Fd 1" I.P. Conc
Plug & CE Tag
Per FB 3203
Elev = 2277.60

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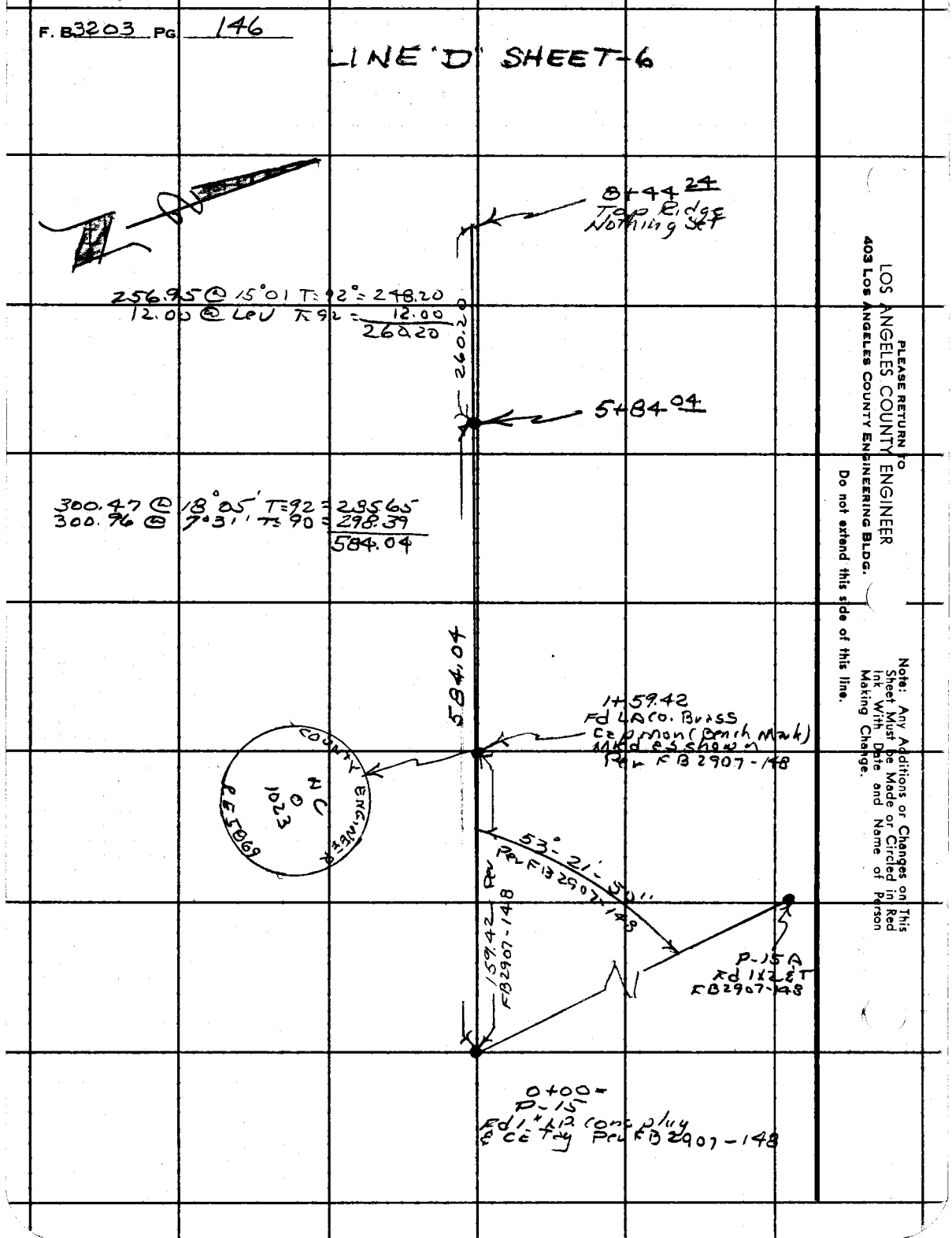
76F309S CE #3 0 6-62

F. B. 3203 PG. 146

LINE 'D' SHEET-6



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76F309S C.E. #310 6-62

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℄ @ A-31 = 0+00 Line "A" Sheet 6 F82907-18 Elev = 2252.03 HI = 5.20

SIGHT ON	ROD	VERT. ∡	HORIZ. DIST.	±VERT DIST	DIFF ELEV.	ELEV.	DISCRIPTION
0+04	5.40	0° 00'					Top Brk
0+50	5.20	-31° 08' 20"					
1+00	5.20	-29° 54' 00"					
1+56.39	5.20	-25° 57' 20"					A-32 Top Spur
1+89.50	5.20	-25° 30' 40"					Top Brk
2+50	5.20	-26° 10' 30"					
2+88	5.20	-26° 00' 00"					Top Brk
3+06	5.20	-26° 50' 20"					Bot Draw
3+28	5.20	-25° 02' 20"					Top Brk
3+50	5.20	-24° 14' 20"					
3+70	5.20	-23-37-40					Top Brk
4+00	5.20	-23-10-00					
4+35	5.20	-22-27-00					Bot Brk.
4+73	5.20	-21-10-00					Top Brk
5+00	5.20	-20-52-00					
5+50	5.20	-20-10-40					
6+00	5.20	-19-47-20					
6+61.45	5.20	-18-48-40	661.45	-225.32	225.32	2026.71	1x2 = A-33
9+53.09	5.20	-13-38-40	953.09	-231.36	231.36	2020.67	1x2 = A-34
℄ @ 9+53.09 = A-34			Elev =	2020.56	Pr. Sheet 6	HI = 5.11	
6+61.45	5.11	+1-11-30	291.64	+6.06	6.06	2026.62	
6+84	5.11	-0-07-00					Top BRK.
7+12	5.11	-2-53-00					Bot BRK

LINE "A" SHEET 6

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

Survey of Palm Cyn Rd
JN00954 Tape 216 Std 84 °F
Surveyed by R.C. Dale
Notes
Indexed C. J. Gall Date 7-2-65

F.B. 3203 PG. 147

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X @ 9+53.09 = A-34 Elev 2020.56 Per Sheet 6 HI = 5.11

	Sight on	-Rod	VERT ∡	HORIZ DIST	± VERT DIST	DIFF ELEV	ELEV.	DESCRIPTION
	7+50	5.11	-6-08-20		–			
*	7+80	12.00	-6-51-20		–			Top Bnk
*	7+88	15.00	-7-15-40		–			Bot Drw
*	8+01	12.00	-7-13-20		–			Top Bnk
*	8+15	12.00	-7-30-40		–			Sidehill
	8+50	5.11	-11-53-40					
	9+00	5.11	-18-57-00					
	9+13	5.11	-22-27-00		–			Bot Brk
	10+00	5.11	-26-27-00					
	10+50	5.11	-24-41-00					
	11+00	5.11	-25-10-40					
	11+50	5.11	-24-11-00					
	11+75	5.11	-23-59-40					Toe Slope
	12+00	5.11	-22-31-40					
	12+50	5.11	-20-01-00					
	13+00	5.11	-18-01-00					
	13+50	5.11	-16-17-00					
	13+66	5.11	-15-52-30	413.46	-117.58	117.58	1902.98	A-35 1X2¢T Elev = 1903.2 Per Sheet-16

148

F.B. 3203 PG

76F3095 CE #310 6-62

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TC - 36=0+00 Line "B" Sheet 6 FB Elev = 2377.60 HI = 5.18

Sight On	Rod	Vert ∠	Horiz Dist	± Vert Dist	Diff Elev	Elev	Description
0+18	-7.1	0° 00'	18.00				Top Break
0+25	-9.88	0° 00	25.00		-4.70	2372.90	sidehill
TC 0+25				Elev =	2372.90	H.I. =	5.28
0+50	5.28	-24° 40' 00"	25.00				
1+00	5.28	-26° - 30' - 00"	75.00				
1+50	5.28	-25° - 32' - 20"	125.00				
2+00	5.28	-23° - 55' - 00"	175.00				
2+50	5.28	-21 - 45 - 00	225.00				
3+00	5.28	-19 - 12 - 00	275.00	-95.77		2277.13	sidehill
TC 3+00				Elev =	2277.13	H.I. =	5.13
0+00	-6.00	+ 18-39-00	300.00	+101.25	+ 100.38	2377.51	
3+50	-5.13	- 14 - 12 - 00	50.00				
4+00	-5.13	- 14 - 38 - 00	100.00				
4+50	-5.13	- 14 - 30 - 20	150.00				
4+83	-5.13	- 12 - 52 - 00	183.00				Grade Brk
5+15	-5.13	- 12 - 00.00	215.00				Grade Brk
5+76	-5.13	- 9 - 37 - 20	276.00				Grade Brk
6+00	-5.13	- 9 - 22 - 20	300.00				
6+35	-5.13	- 8 - 45.40	335.40				Grade Brk
6+50	-6.00	- 9 - 07 - 20	350.00	-56.20	57.07	2320.06	
TC 6+50				Elev =	2320.06	H.I. =	4.77
0+00	6.00	+ 13 - 42 - 50	650.00	+158.62	157.39	2377.45	
3+00	12.00	+ 10 - 23 - 20	300.00	+ 64.17	56.94	2277.00	
7+00	4.77	- 26 - 37 - 40	50.00	-			

LINE "B" SHEET 6

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

Survey of Plum Canyon Rd
J.N. 0095 Map 216 Sta 8+ °F
Surveyed by R.C. Dazle Date 7-12-65
Notes
Indexed C.J. Gall
Date

F.B. 3203 Pg. 149

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LINE "B" SHEET 6

Sight on	Rod	Vert. ∠	Horiz Dist	Vert Dist	Diff Elev	Elev	Description
TC @ 6+50					Elev = 2220.06		HI = 4.77
7+50	4.77	-20°-14'-00"	100.00	-			
8+00	4.77	-14-05-00	150.00				Top Spur
8+50	4.77	-13-39-00	200.00				
8+87.65	4.77	-13-06-40	237.65				Grade Brk.
9+42.34	4.77	-11-11-00	292.34				Grade Brk
9+89	4.77	-10-29-20	339.00				Grade Brk
10+00	4.77	-10-34-30	350.00	-65.34	-65.34	2154.72	Top Brk
TC 10+00				Elev = 2154.72			HI = 5.06
10+00	5.06	+12-32-50	1000.00	+222.56	+222.56	2377.28	
10+50	5.06	-26-00-00	50.00	-			
11+00	5.06	-26-28-00	100.00	-			
11+50	5.06	-25-31-00	150.00	-71.60		2083.12	Brk (1x1)
TC @ 11+50				Elev = 2083.12			HI = 4.43
12+00	4.43	-28-26-00	50.00				
12+50	4.43	-28-58-00	100.00				
13+00	4.43	-28-28-40	150.00				
13+31	4.43	-26-59-00	181.00				Grade Brk
13+59	4.43	-25-00-00	209.00				Grade Brk
14+10	4.43	-21-52-20	260.50				" "
14+14.5	4.43	-20-54-00	264.50				" "
14+33.3	4.43	-19-30-00	283.03				1x1
14+68.31	4.43	-18-09-30	318.31	-104.40	104.40	1978.72	P-14A Elev = 1979.21 Per Sheet 6

F.B. 3203 PG 150

76F309S CE #310 6-62

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Sight On	Rod	Vert ∡	Horiz Dist	+Vert Dist	Diff Elev	Elev.	Description
⊼ @ TC-36 = 0+00 Line "C" Sheet 6			FB		Elev = 2377.60		HI = 5.00
	5.00	-5° 47' 00"	995.19	-100.80		2276.80	TC-37.1' LP
0+17	5.0	0° 00' 00"	17.00				Top Brk
0+50	5.00	- 8-55-00	50.00	- 7.84	7.84	2369.76	Sidehill
⊼ @ 0+50				Elev =	2369.76	HI =	4.91
0+00	4.91	+8° 55' 00"	50.00	+ 7.84	-7.84	2377.60	TC-36' LP
1+00	4.91	-19-39-20	50.00				
1+50	4.91	-20-17-20	100.00				
2+00	4.91	- 20-01-20	150.00				
2+50	4.91	- 19-52-00	200.00				
2+75.8	4.91	- 19-50-00	225.80				Top Brk.
3+00	6.50	- 20-12-20	250.00	- 92.01	98.60	2276.16	1x1 Sidehill
⊼ @ 3+00				Elev =	2276.16	HI =	4.72
0+50	12.00	+21-58-00	250.00	+100.84		2369.72	1x1 Sidehill
3+50	4.72	-25-04-20	50.00				
4+00	4.72	-27-05-20	100.00				
4+40.5	4.72	- 26-30-40	140.50				Bot Draw
4+84.7	4.72	- 22-34-00	184.70				Top Brk
5+00	4.72	- 22-15-00	200.00				
5+42	4.72	- 21-29-00	242.00				Bot Draw
5+50	4.72	- 20-28-40	250.00				
6+00	4.72	- 13-28-00	300.00				
7+34.9	4.72	- 3-38-00	434.14	- 27.57	27.57	2248.59	Top Brk
⊼ @ 7+34.9				Elev =	2248.59	HI =	4.72
3+00	4.72	+ 3-37-20	434.14	+ 27.48	+ 27.48	2276.07	

LINE "C" SHEET 6

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

Survey of Palm Cyn Rd
JN 0095-46 Tape 216 Std 84 °F
Surveyed by R.C.D. Date 6-19-65
Notes
Indexed C. J. GALLI

F.B. 3203 Pg. 151

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℄ @ 7+34.14 Elev = 2248.59 HI = 4.72

Sight on	Rod	Vert ∠	Horiz Dist	Vert Dist	Dir Elev	Elev	Description
6+50	4.72	-15-22-00					
7+00	4.72	-11-00-00					
7+50	3.4	0°-00'-00"					
8+00	4.72	+3-02-00					
8+29	4.72	+1-52-00					Bot Brk
8+50	4.72	+3-42-20					
9+00	4.72	+5-01-20					
9+50	4.72	+5-21-40					Bot Brk.
9+77	4.72	+5-41-40					Bot Brk
9+95.19	4.72	+6-12-20	261.05	+28.38		2276.97	T.C-37 1"IP

F. B. 3203 PG. 152

76F309S CE #310 6-62

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TB P-15 = 0+00 Line "D" Sheet 6 FB Elev = 2026.67 HI = 5.52

Sight on	Rod	Vert ∠	Horiz Dist	Vert Dist	Diff Elev	Elev	Description
0+37	5.52	-11°-13'-00"	37.00				Bot Brk Edge Road
0+50	5.52	-9-59-00	50.00				
0+85	5.52	-9-05-00	85.00				Top Brk
1+05°	12.00	-7-39-00	105.00				Bot Draw
1+59.42	3.85	0-00-00	159.42				NC-1023 (Bench) Brass Cap Mon
2+00	5.52	+4-08-20	200.00				
2+50	5.52	+6-24-00	250.00				
3+00	5.52	+7-49-40	300.00				
5+84.04	5.52	+12-46-20	584.04	+132.39	132.39	2159.08	INT Side h. //
TB @ 5+84.04				Elev =	2159.08	HI = 4.89	
0+00	4.89	-12-46-30	584.04	-132.42	132.42	2026.67	TB 15 1" I.P.
3+50	4.89	-18-36-00					
4+00	4.89	-19-39-40					
4+50	4.89	-20-14-00					
5+00	4.89	-20-02-00					
5+50	4.89	-21-04-40					
6+00	4.89	+16-21-40					
6+50	4.89	+16-36-20					
7+00	4.89	+15-17-40					
7+50	4.89	+15-25-00					
8+00	4.89	+15-35-00					
8+32±	4.89	+15-21-00					Top Brk
8+44±	6.00	+15-04-20					Top Ridge

LINE "D" SHEET-6

Survey of Plum Canyon Rd
JN 00 95446 Tape 216 Std 84 °F
Surveyed by R.C. Dale
Notes R.C.D. Date 7-19-65
Indexed S.J. GALLI
Date

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

F.B. 3203 Pg. 153

F. B 3203 PG 154

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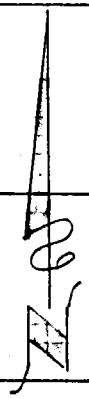
Notes Ck'd by	Survey of Plum Can Rd
Map No.	JN 009546 Tape 216 Std 97 °F
Office Work	Surveyed by R C D & C
Checked	Notes R C D Date 7-1365
Date	Indexed C. J. GALLI

F. B. 3203 Pg. 155

LINE A SHEET 7



0+00 = P-13A
Fd 1" I.P. conc plug
& CE Tag Per
RB 2907-147

176.32

176.62 @ 9°12 T=86 = 176.32

1+76.32
Fd 1x2
C.P.

360.79 @ 18°30' T: 86° = 285.25

285.25

4+61.57
B-22
Fd 1x2 & T

SECTION 9
T4N
R15W

SECTION 10
T4N
R15W

334.30 Pr-FB 2907-33

7+95.87
B-23
Fd 1x2 & T
Top Ridge

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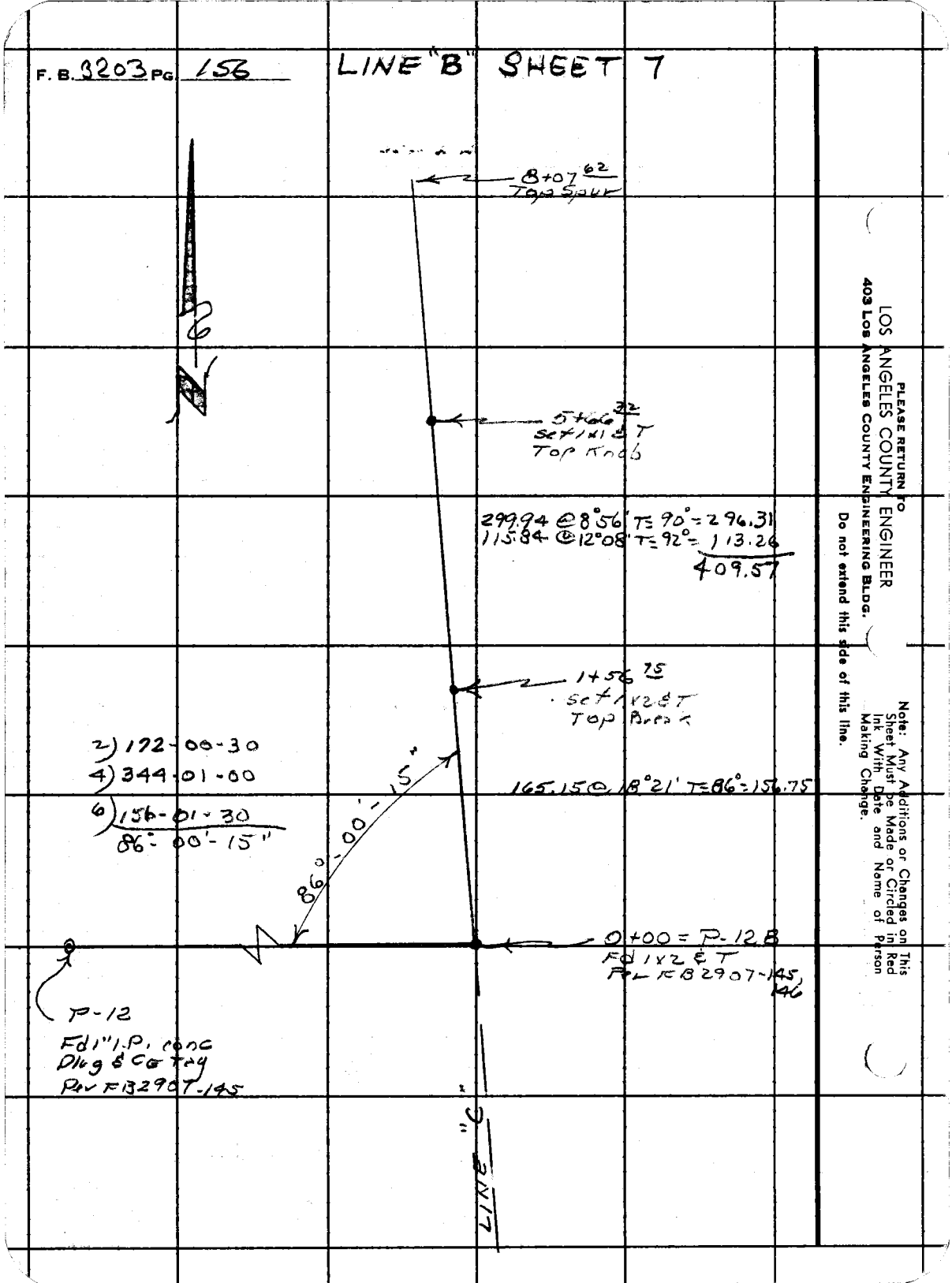
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #310 6-62

F. B. 3203 PG. 156

LINE "B" SHEET 7



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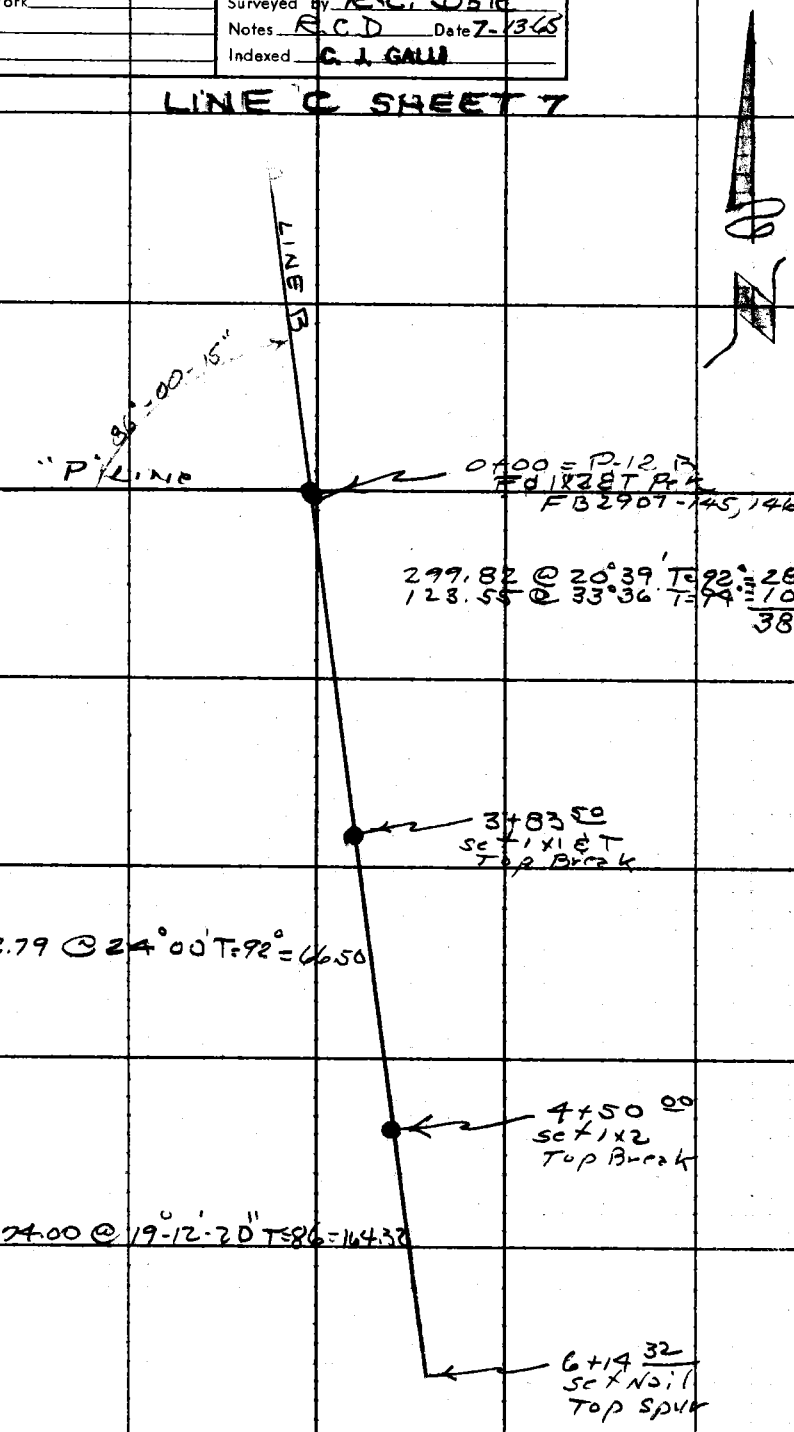
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Plum Cyn Rd
Map No.	JN 0095 96 Tape 216 Std 84 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes R.C.D Date 7-13-68
Date	Indexed C. J. GALLI

F. B3203 Pg. 157

LINE "C" SHEET 7



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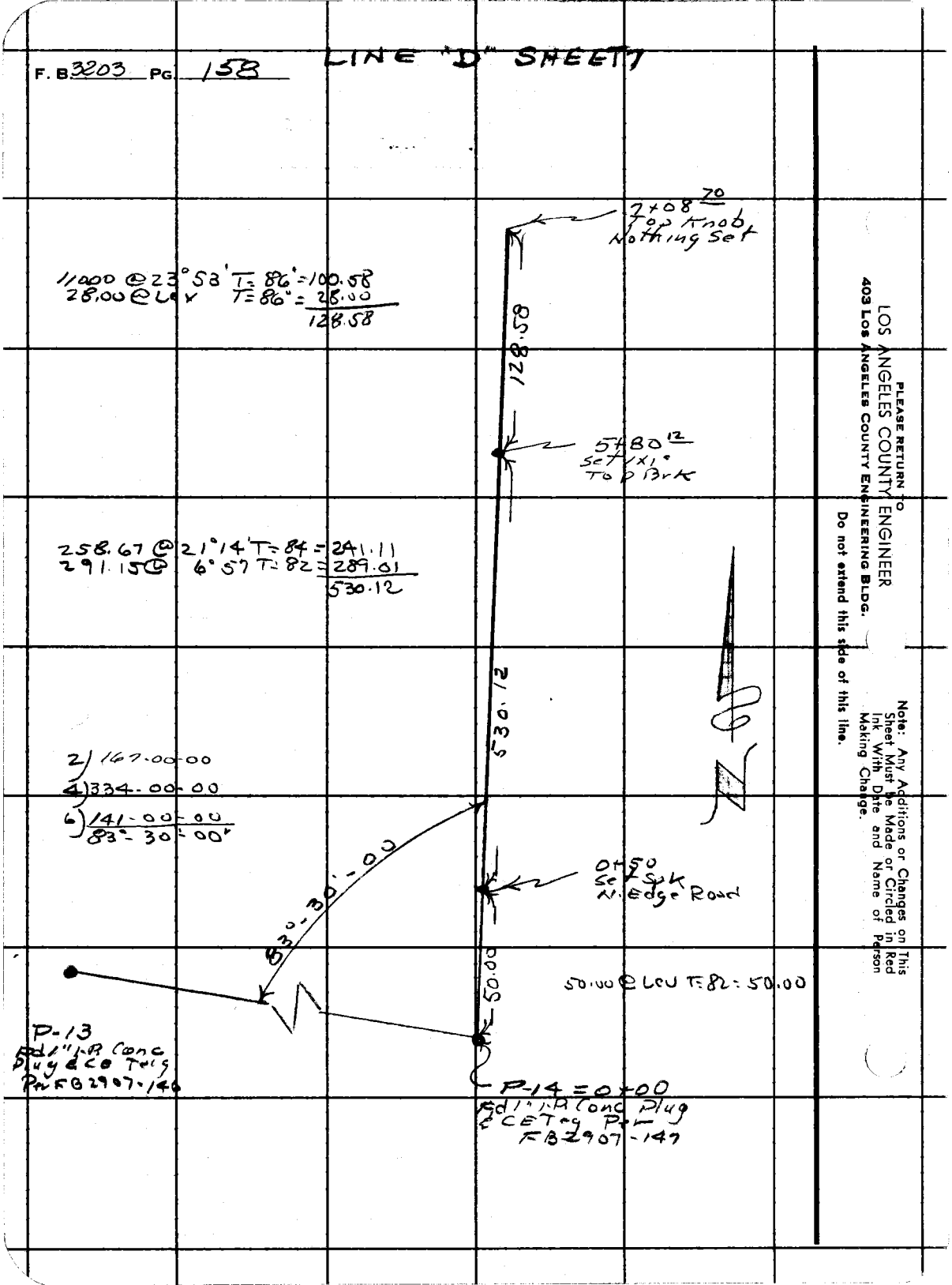
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #310 6-62

F. B. 3203 PG. 158

LINE "D" SHEET 7



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Do not extend this side of this line.

T @ P13A = 0+00 Line A Sheet 7				FB	Elev = 1914.45		HI = 5.65
Sight on	- Rod	Vert ∠	Horiz Dist	± Vert Dist	Diff Elev	Elev.	Description
0+23	-5.65	+13-45-00	23.00				Top Brk Edge Rd.
0+50	-5.65	+10-06-00	50.00				
1+00	-5.65	+9-08-00	100.00				
1+50	-5.65	+9-36-20	150.00				
1+76.32	-5.65	9-59-20	176.32	+30.68	30.68	1945.13	1½ Sidehill
T @ 1+76.32				Elev = 1945.13			HI = 4.87
0+00	-4.87	-9-59-50	176.32	-30.71	30.71	1914.42	P-13A 1"IR
2+00	-4.87	+9-36-00	23.68				
2+50	-4.87	+9-55-00	73.68				
2+74	-4.87	+11-38-00					Bot. Brk
3+00	-4.87	+12-32-40					
3+50	-4.87	+14-18-20					
4+00	-4.87	+16-32-20					
4+50	-4.87	+18-36-00					
4+61.51	4.87	+18-50-20	285.25	+97.32	97.32	2042.45	B-22 (1X1)
T @ 4+61.51 = B-22				Elev = 2042.45			HI = 4.83
1+76.32	4.83	-18-50-40	285.25	-97.35	97	1945.10	
5+00	4.83	+15-48-00					
5+29.1	4.83	+14-24-00					Brk
5+50	4.83	+17-45-00					
5+95.1	4.83	+21-39-40					Brk
6+46.1	4.83	+22-14-00					Brk.
7+00	4.83	+24-50-00					
7+50	4.83	+25+21-20					

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

Survey of Plum Gro. Rd
JN 0095 Tape 216 Std. 89 °F
Surveyed by RCD
Notes RCD
Date 7-18-65
Indexed
G. J. GALLI

LINE A SHEET 7

F.B. 3203 Pg. 159

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

X @ 461.57				Elev 2042.45		HI = 4.83	
Sight on	Bkd	Vert ∡	Horiz Dist	± Vert Dist	Diff Elev	Elev.	Description
7+95.87	4.83	25-47-40	334.30	+161.57	161.57	2204.02	B-23 (1x2) Top Pin
B @	0+00 = P13A				Elev = 1914.45		HI = 5.54
7+95.87	5.54	+20-00-40	795.87	+289.85	289.85	2204.30	B-23 (1x2)

F.B. 3203 PG 160

76F309S CE #310 6-62

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend this side of this line.

T@ P-12 B = 0+00 Line B Sheet 7 FB2907-145 Elev = 1862.40 HI = 5.00

Sight on	Rod	Vert. ∡	Horiz Dist.	± Vert. Dist	Diff. Elev	Elev.	Description
0+56	4.8	0° 00'					
0+65	5.6	0° 00					Top Brk.
0+76	6.6	0° 00					Bot. Brk Toe Slope
0+94.5	5.00	+13-07-00					Top Brk
1+48.0	5.00	+19-30-00					Top Brk
1+56.75	5.00	+19-06-20	156.75	+54.30	54.30	1916.70	1X2 FT Top Brk
T@ 1+56.75				Elev =	1916.70	HI = 4.98	
0+00	4.98	-19-07-00	156.75	+54.33	54.33	1862.37	P-12-B 1X2 FT
2+00	1.6	0-00-00	43.25				
2+50	4.98	+6°-03'-00"	93.25				
3+00	4.98	+6-32-40	143.25				
3+50	4.98	+7-10-20	193.25				
4+00	4.98	+8-15-20	243.25				
4+50	4.98	+9-24-00	293.25				
5+00	4.98	+10-08-40	343.25				
5+50	4.98	+10-13-20	393.25				
5+66.32	4.98	+10-11-00	409.57	+73.57	73.57	1990.27	Top Brk (1X1)
T@ 5+66.32				Elev =	1990.27	HI = 5.10	
1+56.75	5.10	-10-11-20	409.57	-73.61	73.61	1916.66	
6+00	5.2	0° 00'00"	33.68				Top Brk
6+42	10.00	0° 00' 00"					Bot Drain
7+00	5.10	+3-56-00	133.68				
7+50	5.10	+6-30-40	183.68				
8+07.67	5.10	+8-09-20	241.3	+34.58	34.58	2024.85	Top Spur

LINE "B" SHEET 7

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

Survey of Plum Canyon Rd
JN 0095 Tape 216 Std 84 °F
Surveyed by R C D Date 7-1-65
Notes
Indexed C. J. Gall

F. B. 2903 Pg. 161

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2/27.

LINE "C" SHEET 7

X @ P-12B = 0+00 Line C Sheet 7 FB					Elev = 1862.80		HI = 5.05
Sight on	Rod	Vert ∠	Horiz Dist.	± Vert Dist.	Diff Elev	Elev	Description
0+50	5.1	0°-00'-00"	50.00				
1+03	3.9	0°00'00"	103.00				Toe Slope
1+50	5.05	+11-48-20	150.00	+			
1+92	5.05	+15-52-00	192.00	+			
2+50	5.05	+19-59-20	250.00	+			
3+83 SO	5.05	+25-00-40	383.50	+178.92	178.92	2041.72	Top Brk (N)
X @ 3+83 SO				Elev = 2041.72		HI = 4.24	
0+00	4.24	-25-00-40	383.50	-178.92	-178.92	1862.80	P-12B 1x2 & T.
3+00	6.00	-33-33-00		-			
3+50	4.24	-31-34-00		-			
4+00	4.24	+25-58-00		+			
4+50	4.24	+23-35-00	66.50	+29.49	29.49	2071.21	Top Brk
X @ 4+50 SO				Elev 2071.21		HI = 4.60	
0+00	4.60	-24-51-00	450.00	-208.41	208.41	1862.80	P-12B 1x2 & T
5+00	4.60	+16-55-00					
5+50	4.60	+17-38-20					
6+00	4.60	+19-30-40					
6+14 SO	4.60	+19-12-20	164.32	+57.26	57.26	2128.47	Top Spur

162

F. B. 3203 PG.

76F309S C.E. #310 6-62

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T @ P-14 = 0+00 Line "D" Sheet 7				F.B.	Elev = 1979.84	HI =	5.58
Sight on	Rod	Vert. ∠	Horiz. Dist.	± Vert. Dist.	Diff. Elev	Elev.	Description
0+50	5.58	-8-07-00	50.00	-7.13	7.13	1972.71	spk. N. Edge Road
T @	0+50			Elev	= 1972.71	HI =	5.19
0+00	5.19	+8-07-20	50.00	+7.14	7.14	1979.85	P-14 1" I.P.
0+54	5.19	0° 00-00					Top Brk
1+00	5.19	-24-49-00					
1+11.5	5.19	-23-12-00					Bot Brk
1+50	5.19	-15-00-00					
1+63.6	5.19	-13-46-00					Top Brk
1+69.6	5.19	-14-00-00					Bot Draw
1+78.6	5.19	-11-35-00					Top Break
2+16.8	12.00	-6-36-40					Toe Slope
2+50	5.19	-1-36-40					
3+00	5.19	+5-04-00					
3+50	5.19	+7-47-20					Top Brk
5+80.12	5.19	+13-51-00	530.12	+130.70	130.70	2103.40	Top Brk
T @	5+80.12			Elev	= 2103.40	HI =	4.66
0+50	4.66	-13-51-40	530.12	-130.81	130.81	1972.59	
4+00	4.66	-23-17-00					
4+50	4.66	-23-31-40					Brk
5+02	4.66	-29-51-00					
5+50	4.66	-28-21-00					
6+00	4.66	+24-20-00					
6+57.1	4.66	+25-08-40					Top Brk
7+08.7	12.00	+23-16-00	128.58	+55.29		2151.35	Top Knob

LINE "D" SHEET-7

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

Survey of Plum Gym Rd.
JN 00295 Tape 216 Std 84 °F
Surveyed by R.C.D.
Notes
Indexed C.J. GALL Date 7-2-66

F.B. 3202 Pg. 163

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sight on	Rod	Vert ∠	Horiz Dist	Vert Dist	Diff Elev	Elev.	Discription

F. B. 3203 PG 164

Notes Ck'd by	Survey of Plum Can Rd
Map No.	JN 0095.46 Tape 216 Std 84 °F
Office Work	Surveyed by R.C. De la
Checked	Notes R.C.D. Date 7-15-65
Date	Indexed C. J. GALLI

F. B. 3203 Pg. 165

LINE "A" SHEET 8

0+00
Section COR
NE Cor Sec 8
Fd 1" LP Conc plug
& CE Tag Per
FB 2907-7, 107

1+00 93 = L-1
Fd 1/2 & T Per
FB 2907-107
Top Bluff

SECTION 8
T4N
R15W

LINE

SECTION 9
T4N
R15W

7+44 78 = L-2
Fd 1/2 & T Top Spur
Per FB 2907-107

SECTION

243.37 @ 19°55' TE 86° = 228.82

9+73.60
Set 1/2"

14+60 58 = L-3
Fd 1/2 & T Top Spur
Per FB 2907-108

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76F3095 CE #310 8-62

F. B 3203 PG 166

LINE "B" SHEET 8

8+26.73
set 1x1
Top Spkr

319.89

299.80 @ 4°36' T = 86° = 298.83
21.06 @ Lex T = 86° = 21.06
319.89

5+06.84
set 1x1
Top Spkr

267.22 @ 13°30' T = 86° = 259.84

259.84

2+47.00
set 1x2
Brcak

58.13 @ 5°00' T = 86° = 57.91

57.91

1+89.09
set 1x1
Low Spkr

120° - 27' - 25"

193.62 @ 12°25' T = 86° = 189.09

189.09

2) 240 - 54 - 50
4) 121 - 49 - 40
6) 362 - 44 - 30
120° - 27' - 25

P-8 = 0+00
Fd 1" I.P. Conc Plug &
CE Tag Per FB2907-191

P-8A
Fd 1x2 ET Per
FB2907-101-102

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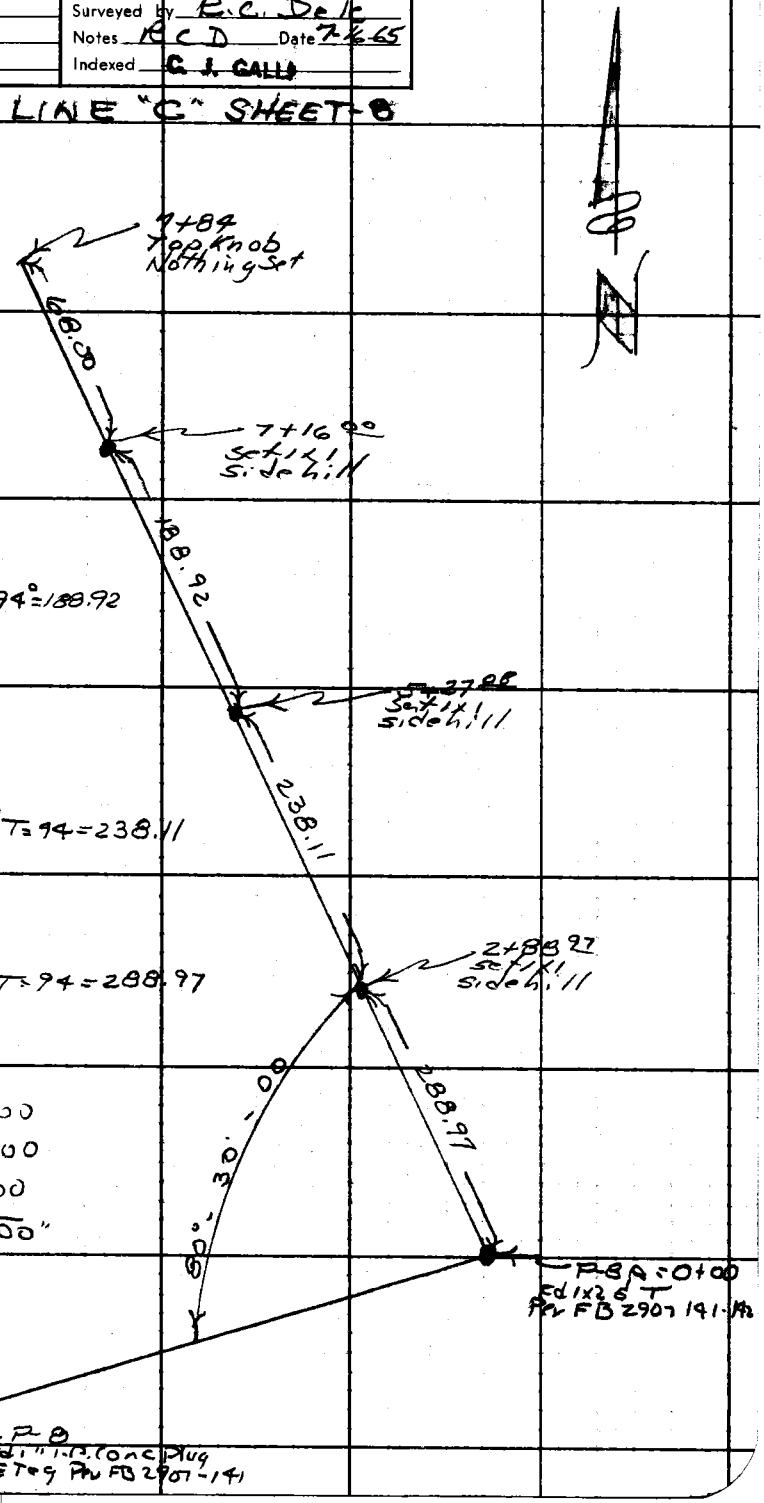
Notes Ck'd by	Survey of Plum Gn Rd
Map No.	JN 089546 Tape 216 Std 84 °F
Office Work	Surveyed by R.C. Dale
Checked	Notes RCD Date 7-6-65
Date	Indexed G. J. GALLI

F. B. 3203 Pg. 167

LINE "C" SHEET-8



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76F309S CE #3 10 8-62

F. B. 3203 PG. 168

LINE "D" SHEET-9

11+30 71 = A-6
Fd 1½ ET
Per FB 2907-9

10+06 50 = A-5
Fd 1½ ET
Per FB 2907-8,9

9+44 29 = A-4
Fd 1½ ET
Per FB 2907-8

SECTION 4
T4N
R15W

SECTION 9
T4N
R15W

LINE

6+50 61 = A-3
Fd 1½ ET
Per FB 2907-8

5+56 54 = A-2
Fd 1½ ET
Per FB 2907-8

5+00 32 = A-1
Fd 1½ ET Per
FB 2907-7,8

SECTION

0+00 =
Section Cor.
Fd 1" I.P. Conc
Plug & Cut Tag
Per FB 2907-7,8,9

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T @ NE Cor Sec. 8 = 0+00 Line A Sheet 8 Per FB 2907-7,101 Elev. 2117.75 HI = 5.16							
SIGHT ON	ROD	VERT ∠	HORIZ. DIST	± VERT. DIST	DIFF ELEV	ELEV	DESCRIPTION
0+50	8.6	0°-00'-00"	50.00				
1+00 93	5.16	-4° 18-00	100.93	- 7.59	7.59	2110.16	L-1 1/2 Top Bluff
T @ 1+00 93 1 1/2 & T				Elev = 2110.16		HI = 4.84	
0+00	4.84	+4-18-00	100.93	+ 7.59	7.59	2117.75	Sec. Cor (1" I.P.
1+50	4.84	-38-08-00					
2+00	4.84	-36-02-00					
2+50	4.84	-33-29-00					
3+00	4.84	-30-56-40					
3+30	4.84	-29-56-00					Bot Draw
3+63.8	4.84	-28-45-20					Bot Draw
4+00	4.84	-26-49-20					Break
4+50	4.84	-25-26-40					Bot Draw
5+22	4.84	-20-50-20					Top Break
5+64	4.84	-20-37-00					Bot Draw
6+00	4.84	-18-06-40					
6+50	4.84	-14-26-00					
7+04.5	4.84	-10-38-20					Top Brk
7+44.78	4.84	-10-12-40	643.85	-115.98	115.98	1994.18	L-2 (1 1/2) Top Brk
T @ 7+44.78 L-2 1 1/2 & T FB					Elev = 1994.18 HI = 4.80		
1+00 93	4.80	+10-12-00	643.85	+115.85	115.85	2110.03	L-2 1 1/2 & T
8+00	4.80	-22-50-40					side hill
9+73.60	4.80	-19-33-20	228.82	-81.28	81.28	1912.90	1x1 Top Spur
T @ 9+73.60					Elev 1912.90		HI = 4.72
7+44.78	4.72	+19-33-40	228.82	+81.30	81.30	1994.20	

LINE "A" SHEET 8

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

Survey of Plum Gun Rd
JN 00857 Tape 216 Std 84 °F
Surveyed by R. C. Dale
Notes ____ Date ____
Indexed ____ G. J. GALD

F. B. 2203 Pg. 169

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LINE "A" SHEET 8

TC 9+73.60				Elev	1912.90		HI = 4.72
Sight on	- Rod	Vert ∠	Horiz Dist	± Vert Dist	Ditch Elev	Elev	Description
8+50	4.72	+12-36-40	123.60				
9+00	4.72	+ 1-42-00	73.60				Bot Draw
9+50	3.2	0° 00-00	23.60				
10+00	4.72	-25-29-00	21.40				
10+50	4.72	-21-59-00	71.40				
11+00	4.72	-20-42-40	121.40				
11+50	4.72	-19-10-00	171.40				
12+00	4.72	-19-09-20	221.40				
12+50	4.72	-19-28-20	271.40				
14+60.58	4.72	- 9-15-00	486.98	-79.31	79.31	1833.59	L-3 1x2 Top Spir
TC 14+60.58 = L-3 FB 2907-108					Elev = 1833.59		HI = 4.65
9+73.60	4.65	+ 9-14-40	486.98	+ 79.26	79.26	1912.85	
12+87.6	4.65	- 10-40-00					Bot Draw
13+50	4.65	-14-05-40					
13+76	4.65	-19-57-00					Bot Break
14+50	7.7	0° 00'00"					side hill

F. B. 3203 PG 170

76F309S CE #310 6-62

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Sight on	Rod	Vert ∠	Horiz. Dist	± Vert. Dist.	Diff Elev	Elev.	Description
⊼ @ P-8 = 0+00 Line "B" Sheet 8			FB2907 -		Elev = 1745.90		HI = 5.30
0+50	5.30	+ 3° 39' - 00"	50.00				Top Brk
0+71	5.30	+ 1° - 34.00	71.00				Bot Brk
1+04	5.30	+ 3 - 23 - 00	104.00				Toe slope
1+50	5.30	+ 10° - 23' - 00"	150.00				
1+85 2	5.30	+ 12 - 54 - 00	185.20				Top Brk
2+00	5.30	+ 12 - 35 - 20	200.00				
1+89 09	5.30	+ 12 - 52 - 00	189.09	+ 43.19	43.19	1789.09	INLET
⊼ @ 1+89 09					Elev = 1789.09	HI =	4.82
0+00	4.82	- 12 - 52 - 00	189.09	- 43.19	43.19	1745.90	RB 1" I.P.
2+47 2	4.82	+ 7 - 05 - 00	57.91	+ 7.20	+ 7.20	1796.29	Set 1x1 Top Brk
⊼ @ 2+47 2					Elev = 1796.29		HI = 4.67
1+89 09	4.67	- 7 - 03 - 20	57.91	- 7.17	- 7.17	1789.12	
2+93 2	4.67	- 18 - 02 - 00					Toe slope
3+50	4.67	- 6 - 20 - 40					
3+65 1	4.67	- 5 - 52 - 00					Bot Brk Toe Slope
4+00	4.67	+ 1 - 39 - 20					
4+50	4.67	+ 10 - 03 - 00					
5+06 84	4.67	+ 14 - 08 - 20	259.84	+ 65.45	+ 65.45	1861.74	1x1 Top Spur
⊼ @ 5+06 84					Elev = 1861.74		HI = 4.71
2+47 2	4.71	- 14 - 08 - 40	259.84	- 65.	65.48	1796.26	1x1
5+50	4.71	- 12 - 10 - 00					Bot Brk
5+61	4.71	- 7 - 16 - 40					Top Brk
5+96 3	4.71	- 6 - 48 - 00					Bot Brk
6+38 1	4.71	+ 5 - 57 - 00					Top Spur

LINE "B" SHEET 8

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

Survey of Plum Canyon Rd
JN 0095-46 Tape 216 Std 84 °F
Surveyed by R.C. Drake
Notes
Date 7-16-65
Indexed
Date

F.B. 3203 Pg. 171

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LINE "B" SHEET 8

F. B. 3203 PG 172

TC @ 5+06.84 Elev = 1861.74 AI = 4.71

Sight on	Rod	Vert ∠	Horiz Dist.	± Vert Dist	Diff Elev.	Elev	Description
8+26.73	4.71	+ 5-47-00	319.89	+ 32.40	32.40	1894.14	
TC @ 8+26.73					Elev = 1894.14	HI = 5.16	
5+06.84	5.16	- 5-47-40	319.89	- 32.46	32.46	1861.70	
8+00	5.16	- 19-38-00					
7+50	5.16	- 21-07-40					Top Brk
6+94.2	5.16	- 23-03-00					Bot Drew
6+50	5.16	- 8-19-00					Side hill

76F309S CE #310 6-62

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X @	P-8A = 0+00	Line "C" Sht 8	F.B. 2907	Elev: 1762.10	HI = 4.80		
Sight on	Rod	Vert ±	Horiz Dist	± Vert Dist	Diff Elev	Elev	Description
0+55	4.80	+ 9-26-00	56.00				Bot Brk.
1+00	4.80	+ 13-43-00	100.00				
1+24.2	4.80	+ 13-58-00	124.20				Top Brk.
1+41.2	10.00	+ 14-20-00	141.20				Bot Brk.
2+00	4.80	+ 15-00-40	200.00				
2+50	4.80	+ 15-50-00	250.00				
2+88.97	4.80	+ 16-21-40	288.97	+ 84.84	84.84	1846.94	1x1 Sidewalk
X @ 2+88.94				Elev =	1846.94	HI = 4.71	
0+00	4.71	- 16-21-40	288.97	- 84.84	18.84	1762.10	
3+00	4.71	+ 23-45-00					
3+50	4.71	+ 21-55-00					
4+00	4.71	+ 20-46-20					
4+50	4.71	+ 22-56-20					
5+00	4.71	+ 23-12-00					
5+27.08	4.71	+ 23-40-20	238.11	+ 104.37	104.37	1951.31	
X @ 5+27.08				Elev =	1951.31	HI = 4.40	
2+88.99	4.40	- 23-41-00	238.11	- 104.44	104.44	1846.87	
5+50	4.40	+ 14-16-00					Top Brk
5+72	4.40	+ 10-23-00					Bot Brk
6+10.2	4.40	+ 19-47-00					Top Brk
105 6+25.4	4.40	+ 20-35-00					
6+50	4.40	+ 21-08-00					
7+00	4.40	+ 24-48-00					
7+16.00	4.40	+ 25-15-00					

LINE "C" SHEET 8

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

Survey of Plum Cyn Rd
JN 009546 Tape 216 Std 84 °F
Surveyed by R C Dale
Notes R C D Date 7-16-65
Indexed C. J. GALL

F.B. 3203 Pg. 173

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Do not extend this side of this line.

T.B.M. 5427 08 Elev = 1951.31 HI = 4.40

Sight on	Rod	Vert ∡	Horiz Dist	± Vert Dist	Diff Elev	Elev	Description
7+50	12.00	+25-26-00					Top Break
7+84	15.00	+24-39-00					Top Knob

F. B. 3203 PG 174

76F309S CE #310 6-62

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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TC @ 0+00 = N.E. Cor Sect. 8. Line "D" Sheet 8 Elev. = 2117.75 H.I. = 5.11

SIGHT ON	ROD	VERT ∠	HORIZ DIST	± VERT DIST	DIFF ELEV	ELEV	DISCRIPTION
0+50	5.11	-16-44-40	50.00				
1+00	5.11	-16-10-40	100.00				
1+50	5.11	-15-09-20	150.00				
2+00	5.11	-14-24-20	200.00				
2+50	5.11	-13-52-20	250.00				
2+87	5.11	-14-06-00	287.00				Top Brk
5+00.32	5.11	-11-19-00	500.32	-100.13	100.13	2017.62	A-1.1x3 Top Spkr
TC @	5+00.32	Top Spkr			Elev = 2017.62		H.I. = 5.01
0+00	5.01	+11-18-00	500.32	+ 99.97	99.97	2117.59	1" IP (Sec Cor)
3+36	5.01	-4-41-00					Top Brk.
3+70 C	5.01	-15-53-40					Bot. Draw
4+00	5.01	-16-02-00					
4+50	5.01	-16-08-00					
5+56.54	5.01	-17-07-00	56.54	—			A-2 1x2 Break
6+00	5.01	-19-05-20					
6+50 b1	12.00	-18-10-40	150.29	-49.35	56.34	1,961.28	
TC @	6+50 b1	A-3			Elev = 1961.28		H.I. = 4.89
5+00.32	12.00	+22-54-20	150.29	+63.50		2017.67	A-1.1x2 Top Spkr
7+00	4.89	-30-10-00					
7+50	4.89	-28-47-00					
8+05 S	4.89	-25-47-20					Bot. Draw
8+50	4.89	-16-30-00					
9+00	4.89	-8-02-40					
9+44.00	4.89	-2-28-40					A-4-1x2 Sidehill

LINE "D" SHEET 8

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

Survey of Plum Gen Rd
INO 07545 Tape 217 Std 8F °F
Surveyed by R.C.D.
Notes R.C.D. Date 7-2-65
Indexed E.J. GALD Date JUL 1 68

F. B. 3203 Pg. 175

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TP 6+50 61 Elev = 1961.28 HI = 4.89

Sight on	Rod	Vert ∠	Horiz Dist	± Vert. Dist	Diff Elev	Elev	Description
10+00 Q	4.89	+4-05-40					Top Bnk
10+06 50	4.89	+4-22-40					A-5 1x2
10+50	4.89	+5-30-20					
11+00	4.89	+6-25-40					
11+30 L	4.89	+6-45-40	480.10	+56.92	56.92	2018.20	A-6 1x2

F. B 3203 PG 176

Notes Ck'd by	Survey of PLUM CRK RD.	F.B. 3203 PG. 177
Map No.	JN0095-46 Tape 181 Std 84 °F	
Office Work	Surveyed by C. ROWE	
Checked	Notes C.V.C. Date 7-65	
Date	Indexed G. J. GALLI	

PLUM CK. RD.
AERIAL MAPPING PROFILES
SHEET #9

J.N. 0095.46

JULY - 1965

REFERENCE:
F.B. 2907

CROWE
McCALL
FALSEY
GLIDDEN
DIETZ

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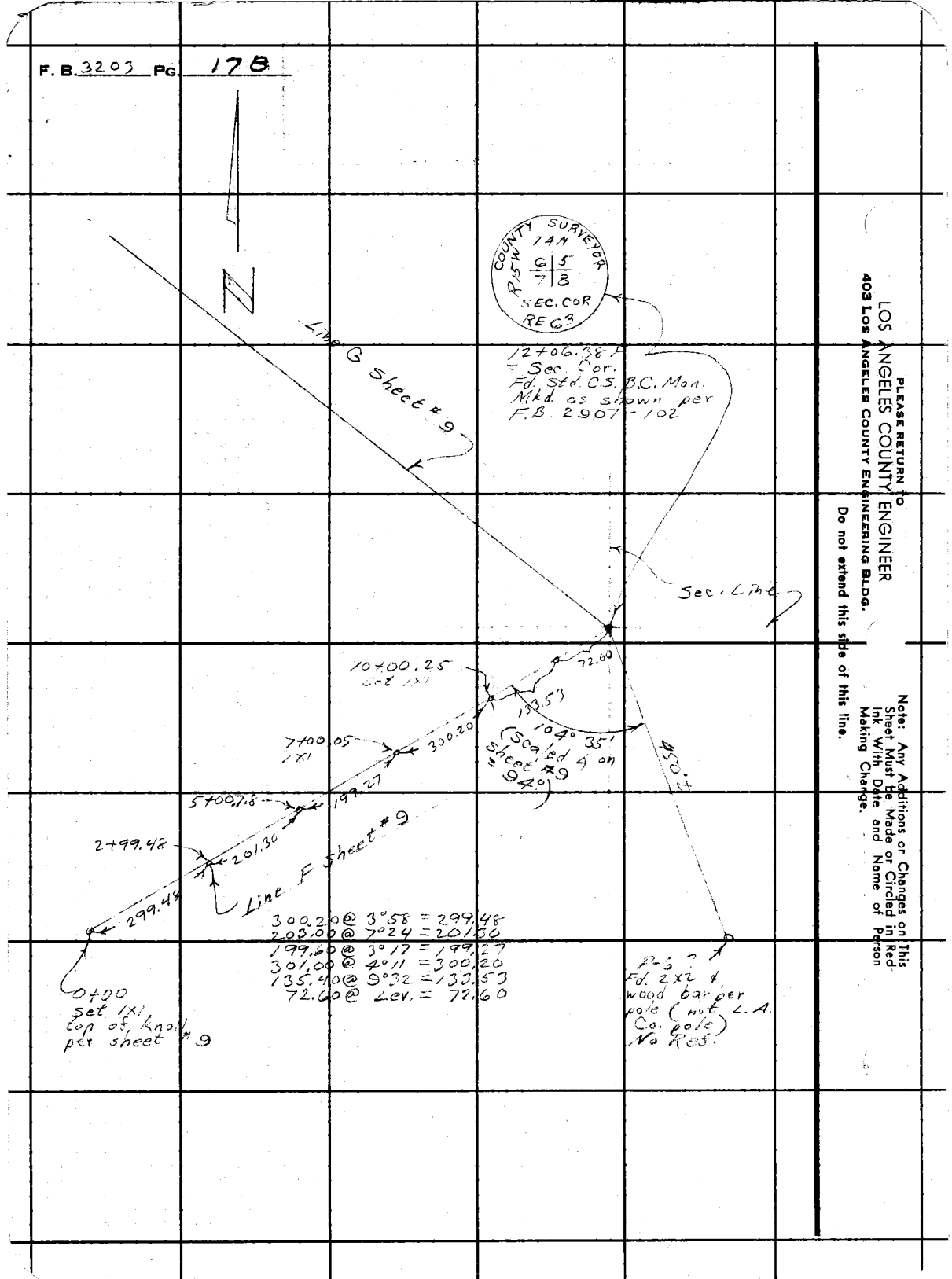
76F3095 C.E. #310 6-62

F. B. 3203 PG. 178



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Line F Sheet #9

Sight On	- Rod	+ Vertical -	Horizontal Dist	+ Vertical - Dist	+ Diff. in - Elevation	Elevation	Description
T @ 0+00			F.B.	Elev. 1536.0		HI = 5.2	
0+40	-5.2	-2° 16	40.0				top Brk
1+22	-5.2	-4° 36	122				Bot. Brk
1+50	-5.2	-3° 29	150				
2+00	-5.2	-0° 29	200				
2+50	-5.2	+1° 51	250				
2+99.48	-5.2	+3° 58 00	299.48	+ 20.77	+ 20.77	1556.77	IXI
		+3° 58 00					
		+3° 58 00					
T @ 2+99.48			F.B.	Elev. 1556.77		HI = 5.0	
0+00	-5.0	-3° 47 00	299.48	- 19.85	- 19.85	1536.15	IXI
		-3° 48 00					
		-3° 47 30					
3+50.0	-5.0	+7° 50	50.5				
3+99.5	-5.0	+6° 53	100				
4+50.0	-5.0	+7° 18	150.5				
5+00.78	-5.0	+7° 24 00	201.30	+ 26.14	+26.14	1582.91	IXI top Brk
		+7° 24 00					
		+7° 24 00					
T @ 5+00.78			F.B.	Elev. 1582.91	HI = 5.0		
2+99.48	- 5.0	-7° 27 00	201.30	- 26.32	-26.32	1556.59	IXI
		-7° 27 00					
		-7° 27 00					
N.E. Cor. Sec. 7	-16.0	+5° 27 00	205.60	+ 67.32	+56.32	1639.23	
		+5° 27 00					
		+5° 27 00					
5+50.6	-5.0	+4° 10	49.8				
6+00.8	-5.0	+3° 46	100				
6+50.8	-5.0	+3° 32	150				
7+00.6	-5.0	+3° 15	199.8				
7+00.08	-5.0	+3° 17 00	199.27	+ 11.47	+11.47	1594.38	IXI
		+3° 18 00					
		+3° 17 30					

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

Survey of Plan Ch. Pd
JN 00957 Tape 151 Std °F
Surveyed by Crowe
Notes CVC Date 12/4/61
Indexed C. J. GALLI

F. B. 3208 PG. 179

F.B. 3203 PG 180

Line F Sheet #9

Sight on	Rod	Vert.	F.B. Hor. Dist.	Elev. 1594.38 HI = 4.9 + Vert. − Dist.	+ Diff. − Elev.	Elev.	Desc.
T @ 7+00.05							
5+00.78	− 4.9	− 3° 21 00 − 3° 20 00 − 3° 20 30	199.27	− 11.62	− 11.62	1582.76	1X1
7+50.0	− 4.9	+ 1° 58	50	50			
8+00	− 4.9	+ 2° 19	100	100			
8+50.8	− 4.9	+ 3° 00	151	150.8			
9+00.2	− 4.9	+ 3° 30	201	200.2			
9+50.0	− 4.9	+ 3° 45	251	250			
10+00.25	− 4.9	+ 4° 11 00 + 4° 11 00 + 4° 11 00	300.20	+ 21.96	+ 21.96	1616.34	1X1
T @ 10+00.25			F.B.	Elev. 1616.34		HI = 4.9	
7+00.05	− 4.9	− 4° 13 00 − 4° 15 00 − 4° 14 00	300.20	− 22.22	− 22.22	1594.12	1X1
10+50.3	− 4.9	+ 1° 37	50	50			
11+00.3	− 4.9	+ 1° 39	100	100			top Brk.
11+33.78	− 4.9	+ 9° 33 00 + 9° 32 00 + 9° 32 30	133.53	+ 22.45	+ 22.45	1638.79	1X1
T @ 11+33.78			F.B.	Elev. 1638.79	HI = 4.8		
10+00.25	− 4.8	− 9° 39 00 − 9° 38 00 − 9° 38 30	133.53	− 22.68	− 22.68		1X1
11+87.5	− 4.8	− 6° 47	54	53.7			
N.E. Cor. Sec. 7	− 4.3	Lev.	72.6	72.60	+ 0.50	1639.29	Bot. draw C.S. Mon. side hill
= 12+06.38							

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Notes Ck'd by	Survey of Plum Cn. Rd.
Map No.	JN 0095.46 Tape 181 Std 84 °F
Office Work	Surveyed by Crowe
Checked	Notes CVC Date 6 July 65
Date	Indexed G. J. GALLI

F. B. 3203 PG. 181

N

4+90.28
set 1x1

63.85

4+26.43

276.43

Line C sht. # 9

1+50.00
set 1x2

150.00

P-2
Fd. 1" I.P. &
C.E. tag Dn.
6" per
F.B. 2907-132

148° 54'

1) 148 54
2) 297 48
148 54

For chaining
see next Pg. 182

7+57.13B
set 1x1
top of
knoll

57.13

6+00
set 1x1

Line B sht. # 9

600.00

44° 00'

1) 44 00
2) 88 00
44 00

1) 89 00
2) 178 00
89 00

88° 00'

0+00 B
= 0+00 A

P-1C
Fd. Bt. Spk.
W. & T. Pl. per
F.B. 2907-131

Line A sht. # 9

149.4

55

254.98

150.45

300.10

7+05.53
set 1x1

4+50.55A
set 1x1

3+00.10A
set 1x1

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76F3095 C.E. #310 8-62

F. B. 3203 PG. 182

600.00 @ Lev. = 600.00
161.75 @ 13°44 = 157.13
757.13

300.20 @ 11°27 = 300.10
155.60 @ 14°47 = 150.45
263.75 @ 14° 49 = 254.98

150.26 @ 3° 22 = 150.00
294.80 @ 20° 20 = 276.43

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76L-298 CE 307 11-58

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STATION	B. S.	H. I.	F. S.	ELEV.		
P-1C	11 56	1396.43		1384.87	P-1C Elev. 1384.87	F.B. 2907-131, 166
0+32.0			91	1387 3	Fence	
1+00			64	1390 0	1X1	
2+00			36	1392 8	1X1	
T.P.	11 04	1406 49	098	1395 45	1X1	
3+00			94	1397 1	1X1	
4+00			58	1400 7	1X1	
5+00			21	1404 4	1X1	
T.P.	12 15	1418 04	060	1405 89		
6+00			107	1407 3	1X1	
6+50			75	1410 5	toe of slope	
T.P.	11 28	1428 91	041	1417 63		
T.P.	11 77	1440 44	024	1428 67		
6+98.4			90	1431 4	1X1	
T.P.	8 70	1448 50	064	1439.80		
7+30			61	1442 4	top Brk	
7+57.13			220	1446.30	1X1 top of hill. (For check on spirit levels see trigonometric levels Pg. ?)	

Profile No. ____ X-Sec. No. ____ Notes Red ____ Date ____ Notes Chkd ____ Date ____ Plotted ____ Date ____ Checked ____ Date ____ Job No. 8215.46 Division No. ____ Survey of Plum Cr. Rd. Survey by Crowe Notes ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F.B. 3203 Pg. 183

F.B. 3203 Pg. 184 Job No. 809546 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of Plum Cr Rd Date _____ Date _____ No. _____

Survey by Crowe Notes CVC Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

76L-298 CE 307 11-58

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76F309S CE #310 6-62

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T@ P-1C		Line B Sheet #9	F.B. 2907-131 166	Elev. 1384.87	HI = 5.2		
Sight on	-Rod	Vert. ∠	Hor. Dist.	± Vertical Dist.	+ Diff. in - Elev.	Elevation	Description
7+57.13B	-5.2	+ 4° 40 00 + 4 39 30 + 4° 39 45	757.13	+ 61.74	+ 61.74	1446.61	1X1 top of knoll
	Line A Sheet #9						
T@	P-1C	=0+00A	F.B. 2907-131 166		Elev. 1384.87	HI = 5.3	
0+21 A	-3.5	Lev.	21.0	0.0	+ 1.8	1386.7	Fence
1+00	-2.5	Lev.	100.0	0.0	+ 2.8	1387.7	
2+00	-0.8	Lev	200.0	0.0	+ 4.5	1389.4	
3+00.10	-5.3	+ 1° 27 30 + 1° 28 30 + 1° 27 00	300.10	+ 7.60	+ 7.60	1392.47	1X1 & N @ toe of slope
T@	3+00.10 A		F.B.		Elev. 1392.47	HI = 4.9	
P-1C	- 4.9	- 1° 26 00 - 1° 27 00 - 1° 26 30	300.10	- 7.65	- 7.65	1384.82	Bt. Spk. w/ T.
3+33.5	-4.9	+ 10° 56'	33.4	+ 6.5	+ 6.5	1399.0	
3+66.4	-4.9	+ 8° 14	66.3	+ 9.5	+ 9.5	1402.0	toe cut
3+78.3	-4.9	+ 12° 15	78.2	+ 16.9	+ 16.9	1409.4	top cut
3+99.2	-4.9	+ 13° 44	99.1	+ 24.2	+ 24.2	1416.7	
4+50.55	-4.9	+ 14° 48 00 + 14° 46 00 + 14° 47 00	150.45	+ 39.70	+ 39.70	1432.17	top of Brk 1X1 & N

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

Survey of Plum Cr. Rd.
JN 0095596 Tape 181 Std. 8K °F
Surveyed by Crowe
Notes CK Date 7/6/62
Indexed C. J. Gall

F.B. 3203 Pg. 185.

F.B. 3203 PG 186

T @ 4+50.55			Line A F.B.	Sheet #9	Elev 1432.17	HI = 4.8	
Sight On	-Rod	± Vertical ∠	Horizontal Dist.	± Vertical Dist.	± Diff. in Elev.	Elevation	Description
3+00.10	-4.8	-14° 46' 00 -14° 44' 00 -14° 45' 00	150.45	-39.60	-39.60	1392.57	1x1
4+65.7	-3.3	Lev.	15.0	0.0	+1.5	1433.7	top
4+70.7	-5.8	Lev.	20.0	0.0	-1.0	1431.2	Bot. Brk
4+80.7	-3.8	Lev.	30.0	0.0	+1.0	1433.2	Bot. Brk
4+89.9	-4.8	+11° 00	39.3	+7.6	+7.6	1439.8	top Brk
5+50.1	-4.8	+12° 46	99.5	+22.5	+22.5	1454.7	
5+99.7	-4.8	+13° 15	148.9	+35.0	+35.0	1467.2	
6+52.3	-4.8	+14° 06	201.7	+50.5	+50.5	1482.7	Bot. Brk
6+85.1	-4.8	+15° 14	234.5	+63.8	+63.8	1496.0	top Brk
7+05.53	-4.8	+14° 50 00 +14° 48 00 +14° 49 00	254.98	+67.45	+67.45	1499.62	1x1 top of hill
T @ P-10			F.B. 2907-131, 166		Elev. 1384.87	HI = 5.3	
7+05.53	-5.3	+9° 14 00 +9° 13 00 +9° 13 00	705.53	+114.59	+114.59	1499.46	

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Line C Sheet #9

TT @ P-2 #0+00 F.B. 2907-132 Elev. 1406.32 HI = 5.0

Sight On	- Rod	± Vertical ∠	Horiz. Dist.	± Vert. Dist.	± Diff. in Elev.	Elevation	Description
0+27	-4.5	Lev.	27.0	00.0	+1.5	1407.8	Edge Rd.
0+50	-4.2	Lev.	50.0	0.0	+1.8	1408.1	
1+00	-2.5	Lev.	100.0	0.0	+3.5	1409.8	
1+50	-6.0	+ 3° 23 00 + 3° 21 00 3° 22 00	150.00	0.0	+ 8.84	1415.16	1X1
TT @ 1+50			F.B.		Elev. 1415.16	HI = 5.0	
P-2	-5.0	-3° 21 00 -3° 21 30 -3° 21 45	150.00	-8.83	- 8.83	1406.33	1" I.P.
2+00.5	-5.0	+ 8° 25	50.5	+7.5	+ 7.5	1422.7	toe slope
2+54.4	-5.0	+ 12° 51	104.4	+23.8	+23.8	1439.0	Bot. Brk.
2+98.3	-5.0	+ 16° 54	148.3	+45.0	+45.0	1460.2	
3+45.2	-5.0	+ 19° 28	195.2	+69.0	+69.0	1484.2	
4+00.9	-5.0	+ 20° 36	250.9	+94.2	+94.2	1509.4	top of Brk
4+26.43	-5.0	+20° 20 00 +20° 20 00 +20° 20	276.43	+102.44	+102.44	1517.60	1X1

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

Survey of Plan Ch. Rd.
JN 00954 Tape 181 Std 84 °F
Surveyed by Crowe
Notes CVC Date
Indexed G. J. GALL

F.B. 3203 Pg. 157

F. B. 3203 PG. 188

Sight On	IT @ 4+26.43 -Rod	± Vertical ∡	F.B. Hor. Dist.	± Vertical Dist.	Elev. 1517.60 ± Diff. in Elev.	HI = 5.00 Elev.	Desc.
1+50	-5.0	-20° 21 00 -20° 22 00 -20° 21 30	276.43	-102.57	-102.57	1415.03	1 X 1
P-2	-5.0	-14° 36 00 -14° 38 00 -14° 37 00	426.43	-111.21	-111.21	1406.39	1" I.P.
4+90.28	-5.0	+ 6° 48	63.85	+ 7.61	+ 7.61	1525.21	1 X 1 top of hill

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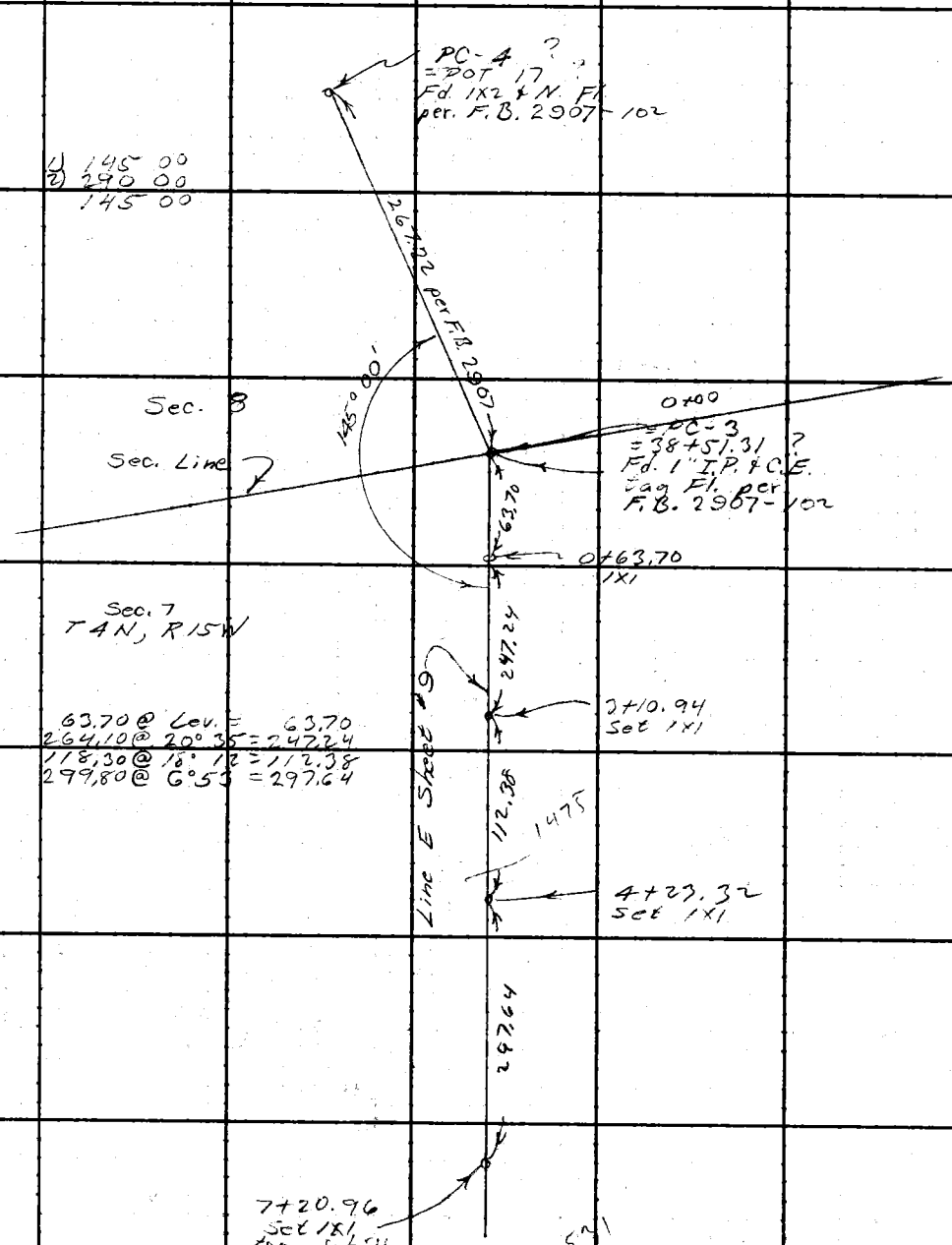
Notes Ck'd by	Survey of Plam Cn. Rd.
Map No.	JN 0095,46 Tape 145 Std 8 °F
Office Work	Surveyed by Crowe
Checked	Notes CVC Date 1/24/65
Date	Indexed C. J. GALLI

F. B. 3203 PG. 189

II



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76F3095 C.E. #310 6-62

F. B. 3203 PG. 190

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Line E Sheet #9

Sight On	DC-3 Rod	+ Vertical −	F.B. 2907-108 Horizontal Dist.	+ Vert. − Dist.	Elev.	Elev.	HI = 5.3 Elev.	Desc.
0+63.70	−8.3	Lev.	63.70	0.0	Elev.	1627.0 + −		
↗ @	0+63.70	3	F.B.			1624.0	1624.0	1 X 1 top Brk.
DC-3	−2.2	Lev.	63.70	0.0		+ 3.0	HI = 5.2	1 I.P.
1+01.7	−9.2	−25°00'04"	38				1627.0	Bot. Brk
1+44.2	−5.2	−28°09'30"	1335	−72.89		−72.89	1553.1	1 X 1
1+97.2	−5.2	−28°30'00"	200					
2+63.7	−5.2	−21°41'00"	247.24					
3+10.94	−5.2	−20°36'00"						
		−20°35'30"						
↗ @	3+70.44		F.B.	Elev. 1553.1			HI = 4.8	
0+93.70	−3.4	+ 20°16'00"	247.24	+92.27		+92.27	1622.38	1 X 1
		+ 20°16'00"						
3+50	−4.8	+ 20°16'00"	39					
3+89.4	−4.4	+ 21°17'00"	23.55					
4+43.52	−3.4	+ 18°13'00"	112.38	−39.95		−39.95	1582.43	
		+ 18°12'00"						
↗ @	4+72.00		F.B.	Elev. 1494.1			HI = 4.9	
3+10.94	−4.9	+ 18°13'00"	112.38	+ 37.02		+ 37.02	1531.1	1 X 1
		+ 18°12'00"						
4+88.9	−4.9	+ 16°55'00"	179					
5+48	−4.9	+ 20°48'00"	296.64					
6+07.2	−4.9	+ 20°53'30"		+ 35.93		+ 35.93	1530.0	1 X 1 Bot. Sta.
6+66.0	−4.9	+ 20°53'30"						
7+26.0	−4.9	+ 20°53'30"						
↗ @	7+70.00		F.B.	Elev. 1530.0			HI = 4.9	
0+93.70	−3.4	+ 20°53'30"	92.27					
		+ 20°53'30"						
4+72.00	−3.4	+ 20°53'30"	69.64					
		− 9°53'30"						
7+70.00	−3.4	− 9°53'30"						
		− 9°53'30"						
44+53.77	−3.4							

Notes Ck'd by	Survey of Plum Cn. Rd.	F. B. 3203	Pg. 191
Map No.	JN 0095.46 Tape 181 Std 84 °F		
Office Work	Surveyed by Crowe		
Checked	Notes CVC Date 7-65		
Date	Indexed G. J. GALLI		

PLUM CN. RD.
AERIAL MAPPING PROFILES
SHEET #10

J.N. 0095.46
6 July 1965

Reference
F.B. 2907

Party
Crowe
McCall
Falsey
Glidden

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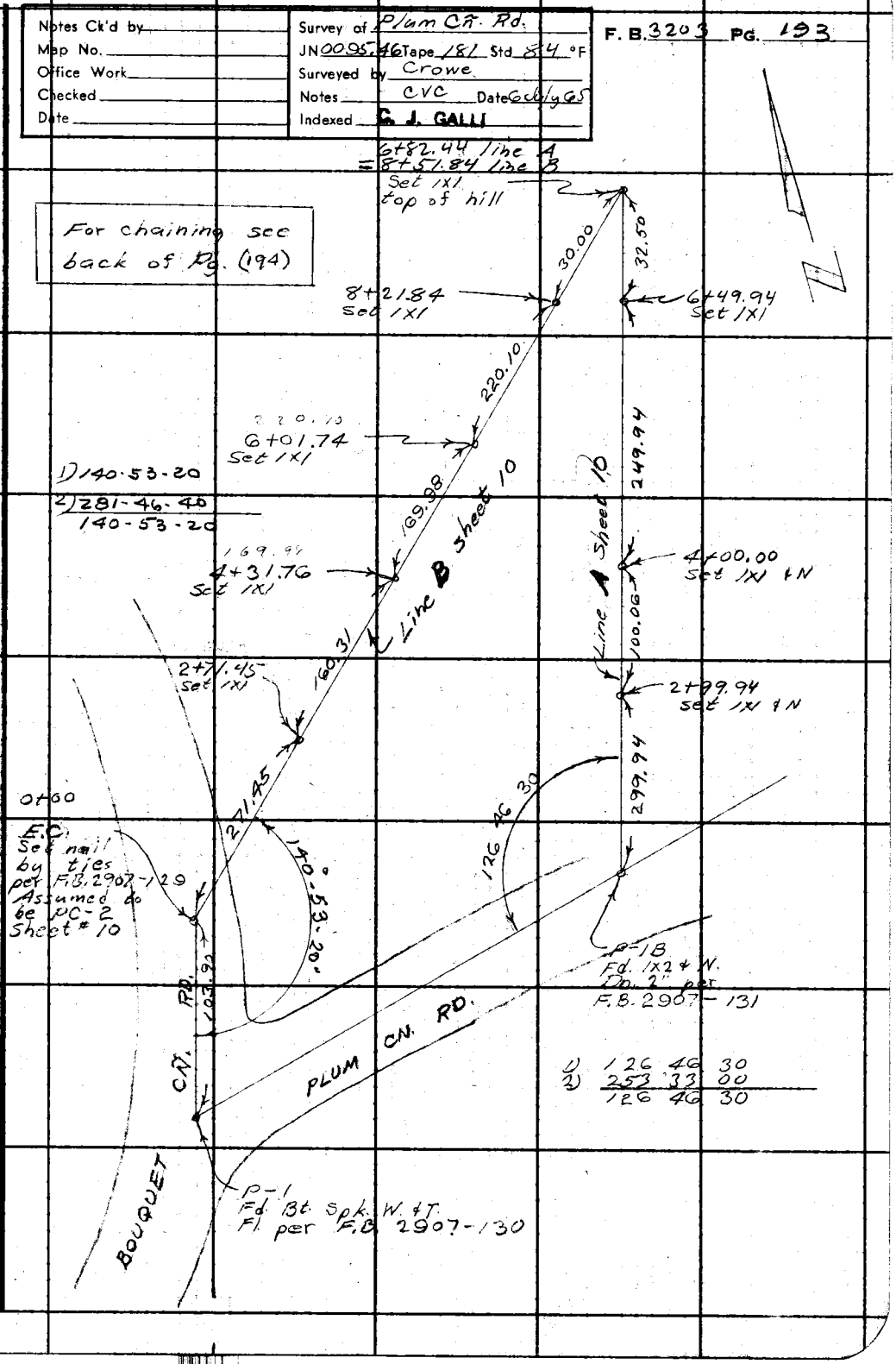
F. B. 3203 PG 192

Notes Ck'd by	Survey of Plum Cn. Rd.
Map No.	JN 0095.46 Tape 181 Std 84 °F
Office Work	Surveyed by Crowe
Checked	Notes CVC Date 6/8/65
Date	Indexed G. J. GALLI

F. B. 3203 Pg. 193



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76F3095 CE #310 9-62

F. B. 3203 PG. 194

300.25 @ 2°37 = 299.94
102.25 @ 11°52 = 100.06
269.10 @ 21°45 = 249.94
32.50 @ Lev. = 32.50

31.01 @ 14°40 = 30.00
225.92 @ 13° 02 = 220.10
184.94 @ 23° 12 = 169.98
160.96 @ 5° 08 = 160.31
271.51 @ 1° 10 = 271.45

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T@ 0+00 = E.C. Line B Sheet 10 F.B. 3203 - Elev = 1351.74 HI = 5.29

Sight on	Rod	Vert. ∡	Horiz. Dist.	+ Vert. Dist.	Diff Elev.	Elev.	Description
P-1	5.07	0-00-00	103.90		0.22	1351.96	Spk W&T
0+17	4.8	0-00-00	17.00				Edge Asph.
0+47	4.8	0-00-00	47.00				Top Berm
1+00	4.1	0-00-00	100.00				
1+50	2.8	0-00-00	150.00				
2+00	2.8	0°-00'-00"	200.00				
2+50	2.3	0°-00'-00"	250.00				Bot Brk
2+71.45	5.29	+1-09-20	271.45				1x1. Top Brk
3+00	12.00	+1-54-00	300.00				
3+50	12.00	+1-31-00	350.00				Toe Slope
4+00	12.00	+2-45-20	400.00				
4+31.76	5.29	+2-38-00	431.76				1x1
4+50	4.00	+2-46-00	450.00				
4+86	12.00	+4-06-20	486.00				Bot Brk
5+00	12.00	+4-34-40	500.00				
6+01.74	5.29	+8-45-20	601.74	+92.68	92.68	1444.42	1x1 Top Spur
T@ 6+01.74 1x1 Top Spur					Elev = 1444.42		HI = 4.66
0+00	4.66	-8-45-40	601.74	-92.74	92.74	1351.68	Nail. E.C.
5+50	4.66	-34-02-00					
6+50	4.66	+5-16-40					
7+00	12.00	+4-54-00					
7+29	4.66	+3-38-40					Bot Brk.
7+50	4.66	+5-21-20					
8+00	4.66	+11-10-00					
8+21.84	4.66	+13-02-20					1x1

LINE "B" SHEET 10

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

Survey of Plum Lyn Rd
JN 0095-46 Tape 217 Std. 84 °F
Surveyed by R.C. Dale
Notes R.C.D. Date 7-21-65
Indexed G.J.B.

F.B. 3203 Pg. 195

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T @ 6+01 ℄ Elev = 1444.42 HI = 4.66

Sight on	Rod	Vert ∠	Horiz Dist	± Vert Dist	Diff Elev	Elev	Description
B+51 ℄	4.66	+13-12-00	250.10	+58.66	58.66	1503.08	1x1 Top Knob

F.B. 3203 PG 196

76F309S CE #310 6-62

log 1504

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Line A Sheet #10

T @ P-1B = 0+00 A F.B. 2907-131 Elev. 1362.22 HI = 5.2

Sight on	-Rod	Vertical ∠	Horizontal Dist.	+ Vert. - Dist.	Diff. Elev.	Elevation	Description
0+15	-4.9	0° 00'	15.0	0.0	+0.3	1362.5	Top Brk.
0+20	-6.2	0° 00	20.0	0.0	-1.0	1361.2	Bot Brk
0+50	-6.2	0° 00	50.0	0.0	-1.0	1361.2	
1+00	-5.0	0° 00	100.0	0.0	+0.2	1362.4	
1+50	-3.1	0° 00	150.0	0.0	+2.1	1364.3	
2+00	-1.7	0° 00'	200.0	0.0	+3.5	1365.7	
2+49.9	-5.2	+1° 46	249.9	+7.7	+7.7	1369.9	
2+99.94	-5.2	+2° 37	299.94	+13.70	+13.70	1375.92	1X1

T @ 2+99.94 Elev. 1375.92 HI = 4.9

Sight on	-Rod	Vertical ∠	Hor. Dist	± Vert Dist.	Diff. Elev.	Elevation	Description
P-1B		-2° 36'	299.94	-13.63	-13.63	1362.31	1X2 & N.
3+49.6	-4.9	+10° 30'	49.7	+9.2	+9.2	1385.1	
3+85.6	-4.9	+13° 00	85.7	+19.8	+19.8	1395.7	top Brk
4+00.00	-4.9	+11° 52	100.06	+21.02	+21.02	1396.94	1X1

Notes Ck'd by
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Survey of Palm Ch. Rd
JN 0085 Tape 181 Std 84 °F
Surveyed by Crowe
Notes CVC Date 6/16/65
Indexed G. J. GALL

F.B. 3203 PG. 197

Line A Sheet #10 F.B.

T @ 4+00.00 Elev. 1396.94 HI = 4.6

Sight On	- Rod	Vert. ∠	Hor. Dist.	± Vert. Dist.	+ Diff. Elev.	Elevation	Description
2+99.94	-4.6	-11°52	50 100.06	- 21.02	-21.02	1375.92	1X2 & N
3+49.9	- 1.2	0° 00	50.0	0.0	+ 3.4	1400.3	
4+96.2	- 4.6	+ 7° 24	96.2	+ 12.5	+12.5	1409.4	Bot. Cr
5+46.9	- 4.6	+13° 24	150.0 146.9	+ 35.0	+35.0	1431.9	
5+94.4	- 4.6	+18° 29	200.0 194.4	+ 65.0	+65.0	1461.9	
6+41.6	- 4.6	+ 21° 40	250.0 241.6	+ 96.1	+96.1	1493.0	top Brk
6+49.94	- 4.6	+21° 45	249.94	+ 99.72	+99.72	1496.66	1X1 & N top Brk
6+82.44A	0.0	Lev.	32.50 Hand level & tape from 6+49.94		+ 7.7	1504.4	1X1 top of hill

T @ P-13 F.B. 2907-131 Elev. 1362.22 HI = 5.4

Sight On	- Rod	Vertical ∠	Hor. Dist.	Vert. Dist	Diff. Elev.	Elev.	Desc.
6+82.44	-5.4	+ 11° 44'	682.44	+141.74	+ 141.74	1503.96	1X1 & N top of hill

F.B. 3203 PG 198

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76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	Bouquet Cn. Rd.	
P-1	482	1357 24		1352 42	P-1 Elev. 1352.42	F.B. 2907-130, 165
T.P.	446	1356 03	567	1351 57	Fd. Bt. Spk. W. & T. Pvmt.	
"	552	1357 22	433	1351 70		
"	622	1358 07	537	1351 85		
"	671	1362.27	251	1355 52		
PC-1 ?			368	1358 59	P.O.T. FD. Sq Spk & Tin (FB 2907 PG 129) (Assumed this pt. to be PC-1 on sheet #10 by scaling from fence)	
T.P.	093	1359 52				
"	452	1356 93	711	1352 41		
"	427	1356 44	476	1352 17		
"	583	1357 25	502	1351 42		
P-1			482	1352 43	P-1 ELEV. 1352.42 (FB 2907-130, 165) FD BT. SPK W & T. PVMT.	

Profile Notes Red ____ Plotted ____ Job No. 0095.46 Division No. ____
No. ____ X-Sec. ____ Date ____ Date ____ Survey of Plum Cn. Rd.
No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by Crowe Notes CVC Date 12 July 65
Map No. ____ Date ____ Indexed C. J. GALL Date ____

F.B. 3203 Pg. 199

F.B. 3203 Pg. 200 | Job No. 009546 | Division No. | Notes Red | Plotted | Profile

Survey of Plum Cn Rd. | Date | Date | No.

Survey by Crowe | Notes CVC | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

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

76L-298 CE 307 11-58

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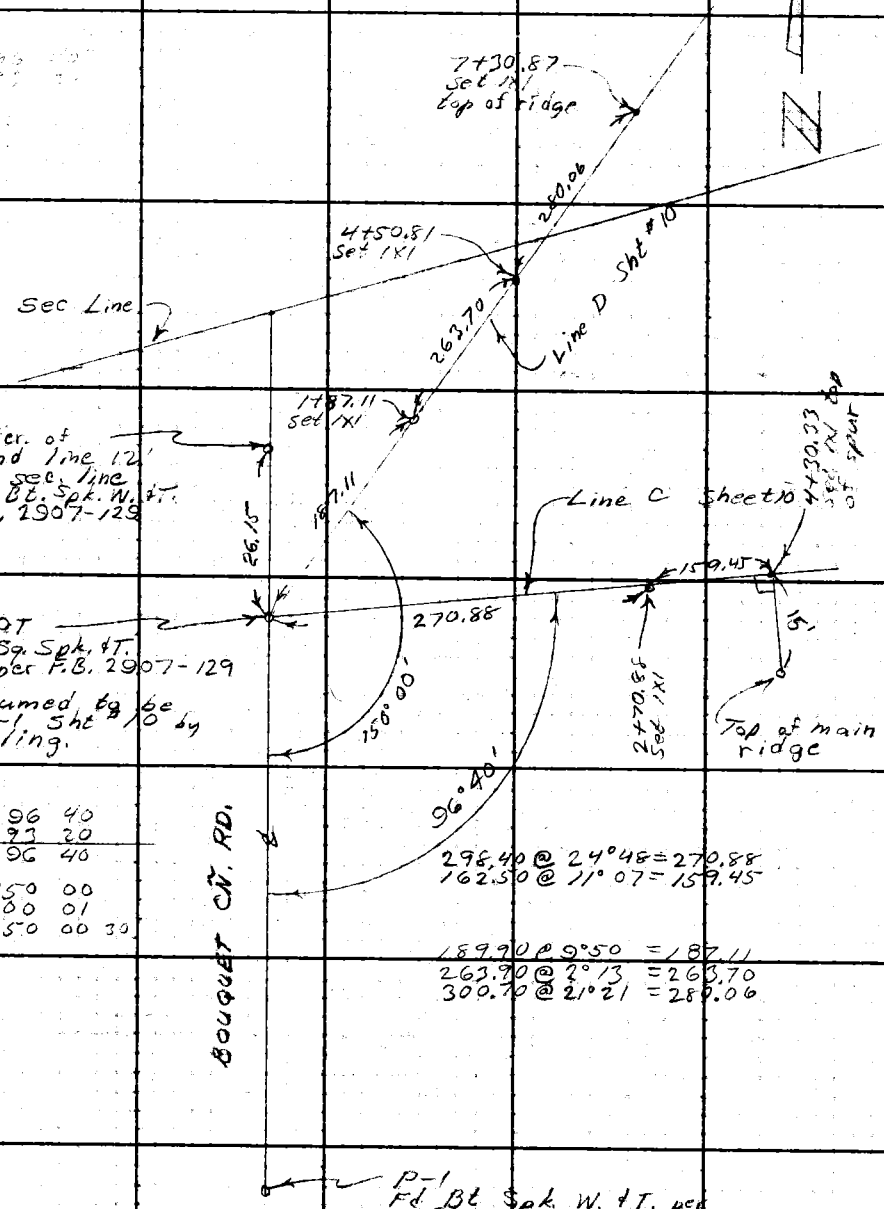
Notes Ck'd by	Survey of Plum Cn. Rd.
Map No.	JN 0095.46 Tape 181 Std °F
Office Work	Surveyed by Crowe
Checked	Notes CVC Date 4 Oct 1965
Date	Indexed C. J. GALLI

F.B. 3203 PG. 201



1) 96 40
2) 193 20
96 40

1) 150 00
2) 300 01
150 00 30

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76F309S CE #3 0 8-62

F.B. 3203 PG 207

Line D Sheet # 10

T @ PC-1 = POT = 0+00 F.B. 2907 – 129 Elev. 1358.59 HI = 5.3

Sight On	Point	+ Vertical −	Horizontal Dist.	+ Vertical − Dist.	+ Diff. in − Elev.	Elevation	Description
0+33	-4.1	Lev.					Edge Pvmt
0+47	-4.0	Lev.	33.				Bot berm
0+50	-4.9	Lev.	47				top berm
0+81.8	-5.3	+ 3° 17	50				toe slope
1+02	-5.3	+ 7° 53	81.8				top of Brk
1+50	-5.3	+ 8° 50	102				
1+87.11	-5.3	+ 9° 51 00	150				
		+ 9° 49 00	187.11	+ 32.43	+ 32.43	1391.02	1X1 top of ridge
		+ 9° 50 00					
T @	1+87.11		F.B.	Elev. 1391.02		HI = 4.8	
PC-1	-4.8	-9° 51 00	187.11	- 32.46	- 32.46	1358.56	Spk. ET.
		-9° 50 00					
		-9° 50 30					
2+50	-4.8	-10° 27	63				Bot. Brk.
3+01.6	-4.8	- 4° 49	114.5				
3+53	-4.8	- 2° 02	166				
4+00	-4.8	+ 0° 19	213				Bot. Brk
4+50.81	-4.8	+ 2° 14 00	263.70	+ 10.24	+ 10.24	1401.26	1X1
		+ 2° 13 00					
		+ 2° 13 30					
T @	4+50.81		F.B.	Elev. 1401.26	HI =	4.8	
1+87.11	-4.8	- 2° 13 00	263.70	- 10.21	- 10.21	1391.05	1X1
		- 2° 13 00					
		- 2° 13 00					
5+02.8	-4.8	+ 3° 47	52				
5+50.8	-4.8	+ 6° 03	100				
5+99.5	-4.8	+ 12° 45	119				Bot. draw
6+01.[illegible]	-4.8	+ 19° 35	150.5				
6+48.8	-4.8	+ 20° 58	[illegible]				
6+99.5	-4.8	+ 21° 26	[illegible]				
7+30.87	-4.8	+ 21° 22 00	280.06	+ 109.47	+ 109.47	1510.73	1X1 top of ridge
		+ 21° 20 00					
		+ 21° 21 00					
T @	0+00 = PC-1		F.B.	Elev. 1358.59	HI =	5.30	
7+30.87	-5.3	+ 11° 47 00	730.87	+ 152.24	+ 152.24	1510.83	1X1 top of ridge
		+ 11° 45 00					
		+ 11° 46 00					

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Line C Sheet #10

T@ PC-1 = POT F.B. 2007-129 Elev. 1358.59 HI = 5.2

Sight on	-Rod	+ Vertical ∠	Horizontal Dist.	+ Vertical - Dist.	+ Diff. in - Elevation	Elevation	Description
0+16	-5.0	Lev.	16.0				Edge Pvmt.
0+24.5	-5.0	Lev.	24.5				Bot. berm
0+26	-3.6	Lev.	26.0				top berm
0+44	-3.5	Lev.	44				toe of slope
0+99	-5.2	+ 17° 22 104	99				
1+48	-5.2	+ 22° 17 140	148				
1+99	-5.2	+ 25° 07 220	99				
2+70.88	-6.2	+ 24° 48 00 + 24° 49 00 + 24° 48 30	270.88	+125.21	+124.21	1482.80	1X1 top of Brk.
T@ 2+70.88			F.B.	Elev. 1482.80	HI = 4.5		
POT = 0+00	-10.5	- 23° 34 30 - 23° 36 00 - 23° 35 15	270.88	-118.27	-124.27	1358.53	Sq. Spk. & T.
2+86.9	-3.0	Lev. 16	16				top of ridge
3+62.9	-6.1	Lev.	92				Bot. draw
3+99.9	-4.5	+ 7° 44 130	129				
4+30.33	-4.5	+ 11° 07 00 + 11° 07 00 + 11° 07 00	159.45	+ 31.33	+ 31.33	1514.13	top 1X1 of small ridge
T@ 4+30.33			F.B.	Elev. 1514.13		HI = 4.9	
2+70.88	-4.9	- 11° 07 00 - 11° 06 00 - 11° 07 30	159.45	- 31.36	- 31.36	1482.77	1X1
15' South @ Pt. 4	-3.0	Lev.	15	+ 1.9			top of main ridge

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

Survey of Plans Cal. Rd.
JN00 95 Tape 151 Std. 84 °F
Surveyed by Crowe
Notes C.V.C. Date 1/16/65
Indexed G. J. GALLI

F.B. 3203 PG. 203

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F. B. 3203 PG. 204

Notes Ck'd by	Survey of Plum Cn. Rd	F. B. 3203	PG. 205
Map No.	JN0095.46 Tape Std °F		
Office Work	Surveyed by Crowe		
Checked	Notes CVC Date		
Date	Indexed C. J. GALLI		

PLUM CN. RD.
AERIAL MAPPING PROFILES
SHEET # 11

J.N. 0095.46
July 1965

References
F.B. 3203
F.B. 2907

Party
Crowe
McCall
Glidden
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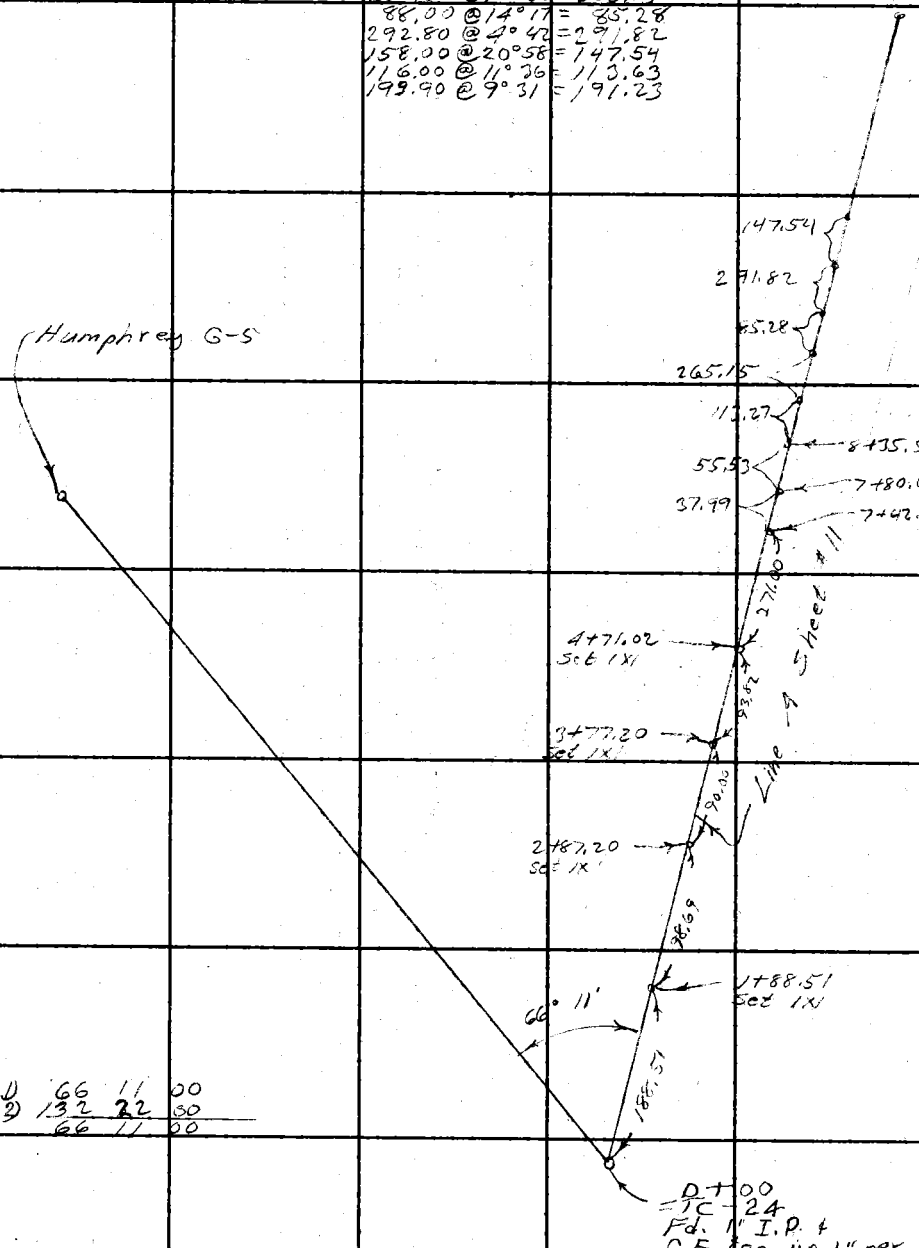
F. B. 3203 PG. 206

190.70	@ 8° 41	= 188.51
102.20	@ 15° 03	= 98.69
96.60	@ 21° 18	= 90.00
105.00	@ 26° 41	= 93.82
288.70	@ 20° 10	= 271.00
44.59	@ 31° 23	= 37.99
56.20	@ 8° 53	= 55.53
117.50	@ 15° 25	= 113.27
280.60	@ 19° 06	= 265.15
88.00	@ 14° 17	= 85.28
292.80	@ 4° 42	= 291.82
158.00	@ 20° 58	= 147.54
116.00	@ 11° 26	= 113.63
199.90	@ 9° 31	= 191.23



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Line A Sheet # 11

Sight on	Rod	+ Vertical − Δ		Horizontal Dist.	+ Vertical − Dist.	+ Diff. in − Elev.	Elevation	Description
T @ TC-24				F.B.	Elev. 2263.00		HI = 5.1	
0+61.5	−5.1	−5° 46	62	61.5				top Brk.
1+02	−11.1	−6° 20	10	102				
1+88.51	−6.1	−8° 40 00		188.51	−28.79	−29.79	2233.21	1X1 top
		−8° 42 00						
		−8° 41 00						
T @ 1+88.51				F.B.	Elev. 2233.21		HI = 4.9	
TC-24	−9.9	+10° 30 00		188.51	+34.88	+29.88	2263.09	1" I.P. top of ridge
		+10° 28 00						
		+10° 29 00						
2+52.5	−4.9	−15° 51	69	64				
2+87.20	−4.9	−15° 02 00		98.69	−26.54	−26.54	2206.67	1X1 top of Brk
		−15° 04 00						
		−15° 03 00						
T @ 2+87.20				F.B.	Elev. 2206.67	HI = 5.0		
1+88.51	−5.0	+15° 04 00		98.69	+26.57	+26.57	2233.24	1X1
		+15° 04 00						
		+15° 04 00						
3+50.2	−5.0	−21° 45	08	63				
3+77.20	−5.0	−21° 18 00		90.00	−35.09	−35.09	2171.58	1X1 top of Brk.
		−21° 19 00						
		−21° 18 30						
T @ 3+77.20				F.B.	Elev. 2171.58	HI = 4.0		
2+87.20	−4.6	+21° 20 00		90.00	+35.13	+35.13	2206.71	1X1
		+21° 19 00						
		+21° 19 30						
4+48.2	−4.6	−26° 03	79	71				
4+71.02	−4.6	−26° 40 30		93.82	−47.16	−47.16	2124.42	top of Brk
		−26° 42 00						
		−26° 41 15						

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

Survey of Plum Can. Rd
JN 00965 Tape 181 Std 84 °F
Surveyed by Crowe
Notes
Indexed C. J. GALLI Date 15 Jul 1965

F. B. 12203 PG. 207

F.B. 3203 PG 208

Line A Sheet A H

Sight on	- Rod	+ Vert. ∠	F.B. Horiz. Dist.	Elev. 2124.42 + Vert. - Dist.	HI= 4.9 + Dist in - Elev.	Elev.	Desc.
T @ 4+71.02							
3+77.20	- 4.9	+ 26° 43 00 + 26° 42 00 + 26° 42 30	93.82	+ 47.20	+ 47.20	2171.62	1X1
5+10.5 5+49	-4.9 -4.9	- 36° 21 - 15° 13	39.5 78				Bot. of Cñ.
6+00 6+48 6+95 7+42.02	-4.9 -4.9 -4.9 -4.9	+ 30° 07 + 11° 39 + 16° 57 + 20° 10 30 + 20° 09 30 + 20° 10 00	129 177 224 271.00	+ 99.53	+ 99.53	2223.95	1X1
T @ 7+42.02			F.B.	Elev. 2223.95	HI= 4.6		
4+71.02	- 4.6	- 20° 11 00 - 20° 09 00 - 20° 10 00	271.00	- 99.53	- 99.53	2124.42	1X1
7+80.01	- 4.6	+ 31° 23 00 + 31° 23 00 + 31° 23 00	37.99	+ 23.17	+ 23.17	2247.12	
T @ 7+80.01			F.B.	Elev. 2247.12	HI= 4.8		
7+42.02	- 4.8	- 31° 10 00 - 31° 12 00 - 31° 11 00	37.99	- 22.99	- 22.99	2224.13	1X1
8+35.54	- 4.8	+ 8° 54 00 + 8° 53 00 + 8° 53 30	55.53	+ 8.69	+ 8.69	2255.81	1X1 top main ridge
T @ 8+35.54				Elev. 2255.81	HI= 4.9		
7+80.01	- 4.9	- 8° 50 00 - 8° 52 00 - 8° 51 00	55.53	- 8.65	- 8.65	2247.12	1X1
9+00 9+49 9+48.81	- 4.9 - 4.9 - 4.6	- 14° 30 - 15° 28 - 15° 25 00 - 15° 25 00 - 15° 25 00	65 114 113.27	- 31.24	- 31.24	2224.57	1X1

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend this side of this line.

Line A Sheet #11

⊼ @ 9+48.81 F.B. Elev. 2224.52 HI 4.8

Sight on	Rod	Vertical ±	Horizontal Dist	± Vertical Dist	± Diff. in Elev.	Elevation	Description
8+35.54	-4.8	+ 15° 25 00 + 15° 28 00 + 15° 26 00	113.27	+31.27	+ 31.27	2255.84	1X1 top main ridge
9+97.8	-4.8	- 19° 05 52	49				
10+47.8	-4.8	- 19° 38 105	99				
10+96.3	-4.8	- 19° 33 157	147.5				
11+47.8	-4.8	- 19° 30 211	199				
12+13.96	-4.8	-19° 05 00 -19° 07 00 -19° 06 00	265.15	-91.82	- 91.82	2132.75	1X1
⊼ @ 12+13.96			F.B.	Elev. 2132.75	HI=	4.8	
9+48.81	-4.8	+ 19° 06 00 +19° 05 00 +19° 05 30	265.15	+91.77	+ 91.77	2224.52	
12+49	-4.8	-18° 41 37	35				
12+99.24	-4.8	-14° 18 00 -14° 17 00 -14° 17 30	85.28	-21.73	- 21.73	2111.02	Bot. draw 1X1
⊼ @ 12+99.24			F.B.	Elev. 2111.02	HI=4.9		
12+13.96	-4.9	+14° 14 00 +14° 13 00 +14° 13 30	85.28	+21.62	+ 21.62	2132.64	1X1
13+48	-4.9	-18° 47 52	49				
14+01.7	-4.9	-18° 26 105	102.5				
14+20	-4.9	-17° 41 127	121				
14+36	-4.9	-12° 31 141	137				
14+56	-4.9	-8° 03 159	157				
15+01	-4.9	-2° 23 202	202				
15+50	-4.9	+1° 41 251	251				
15+91.82	-4.9	+ 4° 43 00 + 4° 42 00 + 4° 42 30	291.82	+ 24.03	+ 24.03	2135.05	1X1

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

Survey of Palm Cn. Rd.
JN00895 46 Tape 181 Std. °F
Surveyed by Crowe
Notes CVC Date 15 Feb 65
Indexed C. J. GALLI

F. B. 3203 PG. 209

F.B. 3203 PG. 210

Line A Sheet #11

Sight On	- Rod	+ Vertical - Δ	F.B. Horiz. Dist.	Elev. 2135.05 + Vert. - Dist.	HI = 4.9 + Diff. - Elev.	Elev.	Desc.
↑ @ 15+91.06							
12+99.24	- 4.9	- 4° 43 00 - 4° 43 00 - 4° 43 00	291.82	- 24.08	- 24.08	2110.97	1X1
16+51	- 4.9	+ 20° 30	60				
16+96	- 4.9	+ 22° 19	135				
17+38.60	- 4.9	+ 20° 59 00 + 20° 58 00 + 20° 58 30	147.54	+ 56.56	+ 56.56	2191.61	top Brk 1X1 top of Brk
↑ @ 17+38.60			F.B.	Elev. 2191.61	HI = 4.8		
15+91.06	- 4.8	- 20° 58 00 - 21° 00 00 - 20° 59 00	147.54				1X1
17+99	- 4.8	+ 13° 23	60.4				
18+48.6	- 4.8	+ 11° 45	110				
18+52.23	- 4.8	+ 11° 36 00 + 11° 36 00 + 11° 36 00	113.63	+ 23.32	+ 23.32	2214.93	1X1
↑ @ 18+52.23			F.B.	Elev. 2214.93	HI = 4.9		
17+38.60	- 4.9	- 11° 34 00 - 11° 33 00 - 11° 33 30	113.63	- 23.24	- 23.24	2191.69	1X1
19+06.7	- 4.9	- 6° 33	54.5				
19+49	- 4.9	+ 8° 02	97				
19+99	- 4.9	+ 9° 00	147				
20+43.46	- 4.9	+ 9° 32 00 + 9° 30 00 + 9° 31 00	191.23	+ 32.06	+ 32.06	2246.99	1X1
↑ @ 20+43.46			F.B.	Elev. 2246.99	HI = 5.0		
18+52.23	-5.0	- 9° 29 00 - 9° 30 00 - 9° 29 30	191.23				1X1
TC-24 =0+00	-5.0	+ 0° 28 30 + 0° 29 00 + 0° 28 45	2043.46	+ 17.06	+ 17.06	2264.05	1" I.P. up 1.0

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Notes Ck'd by	Survey of Plum Cn. Rd.	F. B. 3203	PG. 211
Map No.	JN 0095.46 Tape 145 Std °F		
Office Work	Surveyed by Crowe		
Checked	Notes CVC Date 19 July 65		
Date	Indexed C. J. GALLI		

PLUM CN. R.D.
AERIAL MAPPING PROFILES
SHEET #12

J.N. 0095.46
July 1965

Sheet 12

Reference
F.B. 3203

Party
Crowe
McCall
Glidden
Dietz

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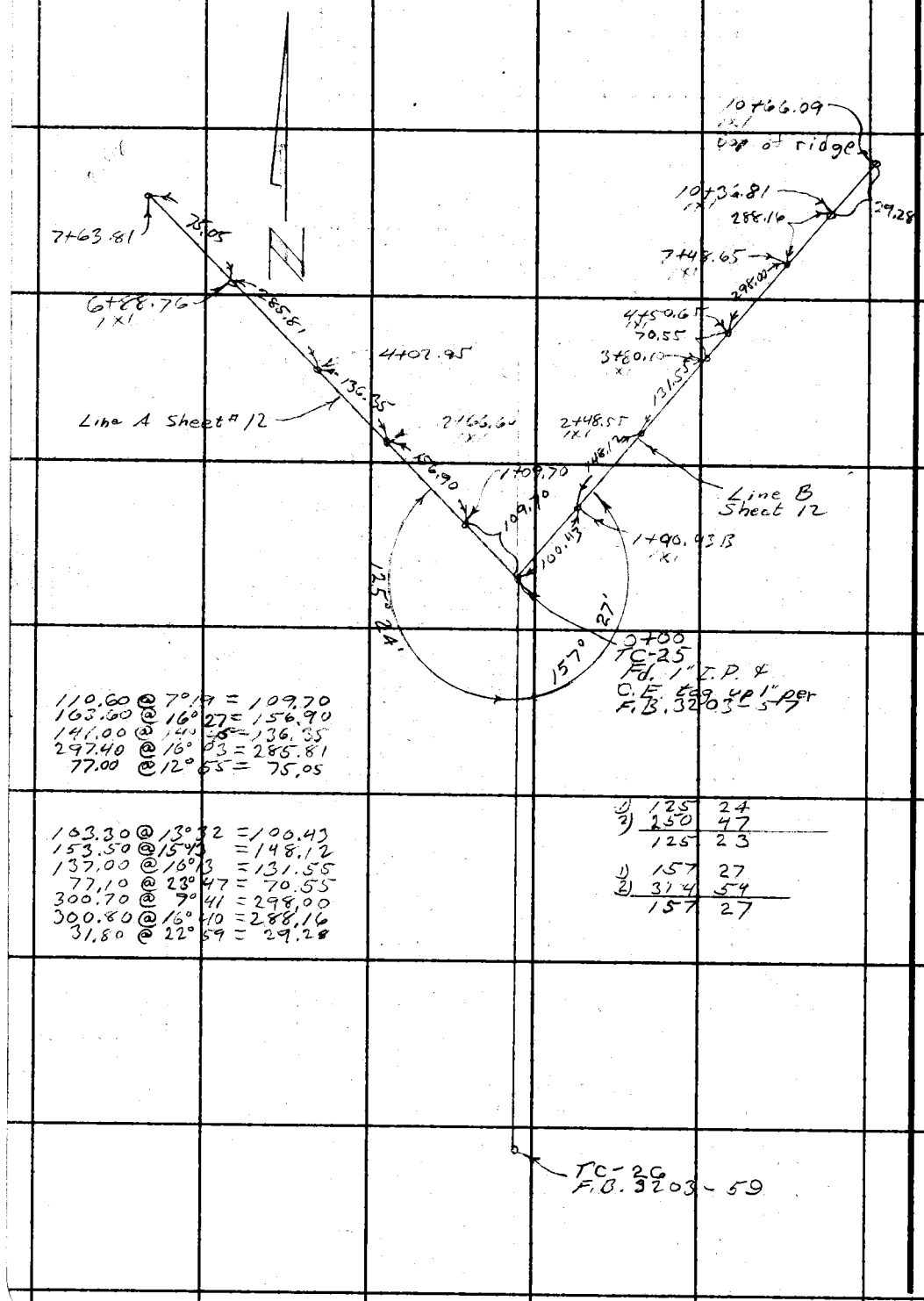
76F3095 CE #310 6-62

F. B. 3203 PG 212



110.60 @ 7°19 = 109.70
163.60 @ 16°27 = 156.90
141.00 @ 14°55 = 136.35
297.40 @ 16°03 = 285.81
77.00 @ 12°65 = 75.05

163.30 @ 13°32 = 100.43
153.50 @ 15°43 = 148.12
137.00 @ 16°13 = 131.55
77.10 @ 23°47 = 70.55
300.70 @ 7°41 = 298.00
300.80 @ 16°40 = 288.16
31.80 @ 22°59 = 29.28

1) 125 24
2) 250 47
125 23

1) 157 27
2) 314 54
157 27

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Line B Sheet #12

Sight On	-Rod	+ Vertical - Δ	Horiz. Dist.	+ Vertical - Dist.	+ Diff. in - Elev.	Elevation	Description
⊼ @ TC-25 = 0+00 B			F.B. 3203 -		Elev. 2244.00	HI = 5.0	
0+27 B	-8.2	Lev.	27.0	0.0	- 3.2	2240.8	top of Brk
0+51	- 5.0	-10° 03 51	51				
1+00.43	- 5.0	-13° 34 00 103	100.43	- 24.19	-24.19	2219.91	1X1
		-13° 34 00					
		-13° 32 30					
⊼ @ 1+00.43			F.B.	Elev. 2219.91	H.I = 4.7		
TC-25 = 0+00	-5.7	+ 14° 05 00	100.43	+ 25.16	+24.16	2244.07	1" I.P.
		+ 14° 03 00					
		+ 14° 04 00					
1+50.4	-4.7	- 14° 58 52	50				
1+99.9	- 4.7	- 14° 58 103	99.5				
2+48.55	- 4.7	- 15° 12 00	148.12	- 40.31	-40.31	2179.60	1X1
		- 15° 15 00					
		- 15° 13 30					
⊼ @ 2+48.55			F.B.	Elev. 2179.60	HI = 5.0		
1+00.43	-5.0	+ 15° 15 00	148.12	+ 40.38	+40.38	~~38.32~~ 2219.98	1X1
		+ 15° 15 00					
		+ 15° 15 00					
2+65.6	- 9.5	Lev. 17	17				top Brk
3+11.6	- 5.0	- 20° 18 67	63				Bot draw
3+48	- 5.0	- 17° 37 104	99.5				
3+80.10	- 5.0	- 16° 18 00	131.55	- 38.28	- 38.28	2141.32	1X1 top of Brk.
		- 16° 14 00					
		- 16° 13 30					
⊼ @ 3+80.10			F.B.	Elev. 2141.32	HI = 4.7		
2+48.55	-4.7	+ 16° 15 00	131.55	+ 38.30	+ 38.30	2179.62	1X1
		+ 16° 13 00					
		+ 16° 14 00					
4+08.9	- 4.7	- 21° 44 31	28.8				top Brk
4+28.6	- 4.7	- 26° 07 54	48.5				Bot. draw
4+50.65	- 4.7	- 23° 47 00	70.55	-31.10	-31.10	2110.22	
		- 23° 48 00					
		- 23° 47 30					

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

Survey of Plum Cr. Rd.
JN0095-96 Tape 151 Std. 141 °F
Surveyed by Crowe
Notes CVC Date 2/24/65
Indexed C. J. GALLI

F.B. 3203 PG. 213

Line B Sheet #12

Sight On	- Rod	+ Vert. - Δ	Horiz. Dist.	Elev. 2110.22 + Vert. - Dist	HI = 4.8 ± Diff. in Elev.	Elev.	Desc.
→ @ 4+50.65			F.B.				
3+80.10	- 4.8	+ 23° 46 00 + 23° 46 00 + 23° 46 00	70.55	+31.07	+31.07	2141.29	1X1
4+97.2	- 4.8	- 28° 26 53	46.5				Bot. Cñ.
5+47.7	- 6.0	- 14° 43 100	97				Bot. Cñ
5+99.6	- 4.8	- 3° 16 150	149				Bot. draw
6+51.6	- 4.8	+ 0° 59 201	201				
6+98.7	- 4.8	+ 6° 57 250	248				
7+48.65	- 4.8	+ 7° 42 00 + 7° 41 00 + 7° 41 30	298.00	+40.24	+40.24	2150.46	1X1
→ @ 7+48.65			F.B.	Elev. 2150.46	HI = 4.6		
4+50.65	- 4.6	- 7° 43 00 - 7° 41 00 - 7° 42 00	298.00	-40.29	-40.29	~~2190.75~~ 2110.17	1X1
7+73.7	- 4.6	- 8° 23 25	25				
8+00.7	- 6.0	- 18° 37 54	52				top Brk
8+41.7	- 4.6	- 13° 50 96	93				Bot. Cñ.
9+03.6	- 4.6	+ 1° 03 155	155				
9+48.7	- 4.6	+ 8° 12 202	200				
9+90.7	- 4.6	+ 13 55 250	242				
10+36.81	- 4.6	+ 16° 42 00 + 16° 39 00 + 16 40 30	288.16	+86.32	+86.32	2236.78	1X1
→ @ 10+36.81			F.B.	Elev. 2236.78	HI = 4.3		
7+48.65	- 4.3	- 16° 40 00 - 16° 37 00 - 16° 38 30	288.16				1X1
10+66.09	- 4.3	+ 22° 59 00 + 22° 59 00 + 22° 59 00	29.28	+12.42	+12.42	2249.20	1X1 top of ridge
→ @ 10+66.09			F.B.	Elev. 2249.20	HI = 5.0		
10+36.81	- 5.0	- 23° 02 00 - 23° 02 00 - 23° 02 00	29.28	-12.45	-12.45	2236.75	1X1
7C-25 =0+00B	- 5.0	+ 0° 18 00 + 0° 16 00 + 0° 17 00	1066.09	+ 5.27	+ 5.27	2243.93	1" I.P.

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Line A Sheet 12

Sight On	- Rod	+ Vertical - Δ	Horizontal Dist.	+ Vertical - Dist.	+ Diff. in - Elev.	Elevation	Description
T @ TC-25			F.B.	Elev. 2244.00	H.I.= 5.0		
0+26	-7.4	Lev.	26.0				top Brk
0+69.5	-5.0	- 8° 00	69.5				top Brk.
1+09.70	-5.0	- 7° 18 00	109.70	- 14.09	- 14.09	2229.91	1X1
		- 7° 20 00					
		- 7° 19 00					
T @ 1+09.70			F.B.	Elev. 2229.91	H.I.= 4.9		
0+00	-4.9	+ 7° 20 00	109.70	+ 14.09	+ 14.09	2244.00	I.I.P.
		+ 7° 18 00					
		+ 7° 19 00					
1+51.7	-4.9	-12° 45 43	42				
2+00.7	-4.9	-14° 22 94	91				
2+48	-4.9	-16° 30 145	138				
2+66.60	-4.9	-16° 27 00	156.90	- 46.35	- 46.35	2183.56	1X1
		-16° 27 00					
		-16° 27 30					
T @ 2+66.60			F.B.	Elev. 2183.56		H.I. 4.9	
1+09.70	-4.9	+ 16° 29 00	156.90	+ 46.40	+ 46.40	2229.96	1X1
		+ 16° 28 00					
		+ 16° 28 30					
3+00.6	-4.9	- 17° 45	34				
3+50.6	-4.9	- 15° 37 57	84				
4+02.95	-4.9	- 14° 44 00	136.35	- 35.90	- 35.90	2147.66	1X1
		- 14° 46 00					
		- 14° 45 00					
T @ 4+02.95			F.B.	Elev. 2147.66	H.I.=	4.9	
2+66.60	-4.9	+ 14° 45 00	136.35	+ 35.86	+ 35.86	2183.52	1X1
		+ 14° 43 00					
		+ 14° 44 00					
4+51.5	-4.9	- 23° 23 53	48.5				Bot. Cn.
5+08.9	-4.9	+ 20° 27 106	106				
5+57	-4.9	+ 8° 38 150	148				
5+99	-4.9	+ 20° 25 201	196				
6+49	-4.9	+ 14° 47 254	246				
6+88.76	-4.9	+ 16° 03 00	285.81	+ 82.22	+ 82.22	2229.88	1X1
		+ 16° 03 00					
		+ 16° 03 00					

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

Survey of Plum Cn. Rd.
JN 00 95 46 Tape 145 Std. °F
Surveyed by Crowe
Notes CVC Date 7/4/65
Indexed C. J. CALLI

F.B. 3203 PG. 215

F. B. 3203 PG. 216

Sight On	T @ Rod	∠ Vert. ∠	F.B. Horiz. Dist	Elev. + Vert. Dist −	Diff. in Elev. + −	HI = Elev. 4.9	Desc.
440295	−4.9	−16° 04 00 −16° 04 00 +12° 55 55	285.81	− 82.31	− 82.31	2147.57	1x1
2763.81	−4.9		7.505	+ 17.21	+ 17.21	2247.09	1x1
T @	7.49	3.51	F.B.	Elev. 2247.09		HI = 4.9	
9788.76	−4.9	−12° 55 00 −12° 55 00 −12° 55 00	7.505	− 17.21	− 17.21		1x1
TC-25 = 0+00	−4.9	− 0° 14 00 − 0° 15 00 − 00° 14 00	763.81	− 3.22	− 3.22	2243.87	1" I.P.

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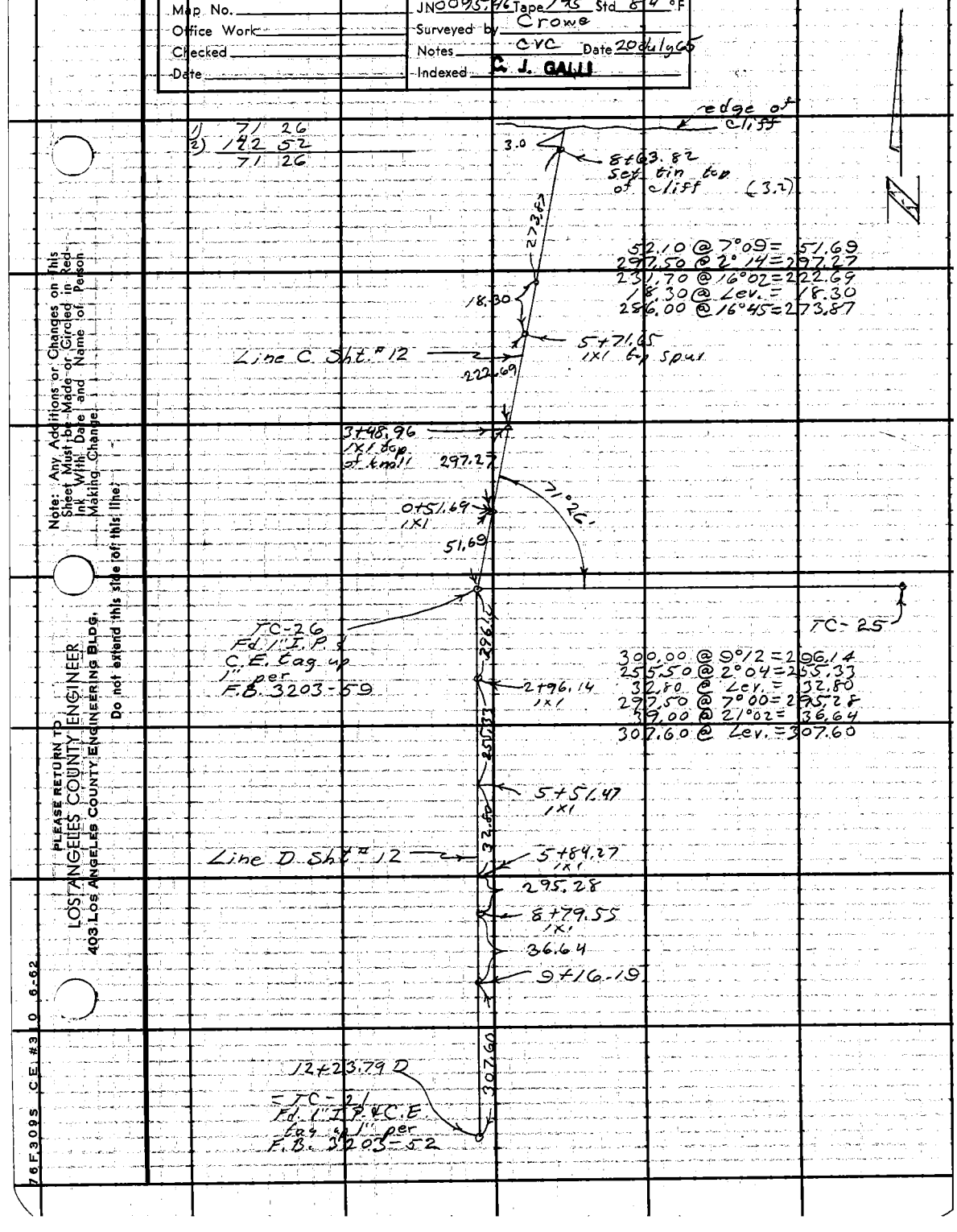
Notes Ck'd by	Survey of Plum Cr. Rd.
Map No.	JN 0095746 Tape 145 Std 84 °F
Office Work	Surveyed by Crowe
Checked	Notes CVC Date 20 July 65
Date	Indexed C. J. GALLI

F. B. 3203 PG. 217



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76F309S CE #3 10 8-62

Line C Sheet #12

Sight	Rod	Vertical Angle	Horizontal Dist	Vertical Dist	Diff. in Elev.	Elevation	Description
T @ TC-26 = 0+00 C			F.B. 3203-59		Elev. 2157.67	HI 5.0	
0+24	-4.2	Lev.	24				top of Brk
0+51.69	-5.0	- 7° 08 00	51.69	- 6.49	- 6.49	2151.18	/X/ @
		- 7° 11 00					top of Brk
		- 7° 09 30					
T @ 0+51.69			F.B.		Elev. 2151.18	HI = 4.6	
TC-26	-4.6	+ 7° 09 00	51.69	+ 6.49	+ 6.49	2157.67	I.P.
		+ 7° 10 00					
		+ 7° 09 30					
3+48.96	-4.6	+ 20° 15 00	297.27	+11.59	+11.59	2162.77	/X/ top
		+ 20° 12 00					of knoll
		+ 20° 14 00					
T @ 3+48.96			F.B.	Elev. 2162.77	HI = 5.0		
0+51.69	-5.0	- 2° 15 00	297.27				/X/
		- 2° 15 00					
		- 2° 15 00					
0+99	-5.0	- 8° 13	254	-250.			
1+47	-5.0	-15° 14	210	-202			
2+02	-12.0	-14° 25	152	-147			Bot. of draw
2+51	-6.0	-16° 27	102	- 98			
3+00	-5.0	-19° 04	50	- 49			
3+97	-5.0	-23° 59	48	48			
5+71.65	-5.0	-16° 01 00	222.69	- 63.99	- 63.99	2098.78	/X/ top
		-16° 03 00					of ridge
		-16° 02 00					
T @ 5+71.65			F.B.	Elev. 2098.78	HI = 4.2		
3+48.96	-4.2	+ 16° 02 00	222.69				
		+ 16° 00 00					
		+ 16° 01 00					
4+50.6	-4.2	+ 4° 38	122	-121			
4+99.6	-4.2	- 13° 41	72	- 72			
5+08.6	-4.2	- 22° 30	63	- 63			Bot. Cr
5+28	-4.2	- 21° 48	45	- 45			
5+89.95	-7.5	Lev.	18.30	0.0	- 3.30	2095.48	/X/ top
							of spur

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3.0 added up 1.5

Line C Sheet #12

T @ 5+89.95 F.B. Elev. 2095.48 H.I. = 4.5

Sight on	- Rod	+ Vert. - Δ	Horiz. Dist.	+ Vert. - Dist.	+ Diff - Elev.	Elev.	Description
5+71.65	-1.20	Elev.	18.30	0.0	+ 3.30	2098.78	1X1
6+44.5	-4.5	-31° 19 64	54.45				Bot. Cn
6+65	-4.5	-27° 38 53	75				top spur
6+92	-4.5	-7° 32 103	102				
7+54	-1.33	Elev. 166	166	0.0	+ 3.2		
7+76	-0.0	Elev.	210	0.	+ 4.5		Bot. draw
8+24	-4.5	+13° 22 240	234				top of cliff
8+63.82	-4.5	+ 16° 46 00	273.87	+82.46	+ 82.46	2177.94	tin top
		+ 16° 45 00					of ridge
		+ 16° 45 30					

T @ TC-26 = 0+00 C F.B. Elev. 2157.67 H.I. = 4.0

8+63.82	-3.2	+ 1° 14 00	863.82	+18.48	+ 20.18	2177.85	tin top of
		+ 1° 13 00					ridge
		+ 1° 13 30					

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

Survey of JN 0095 76 Tape 1/15 Std. °F
Surveyed by Crowe CVC Date 20 July 65
Notes
Indexed G. J. GALLI

P/m Cn. Rd.

F. B. 3203 PG. 219

Line D Sheet #12

Sight On	Rod	+ Vert. −	Horiz. Dist	+ Vert. − Dist	Elev. 2157.67 + D Hts. in Elev.	HI = 4.9 Elev.	Desc.
↑ @ TC-26=0+00 D			F.B. 3203-59				
0+50	-12.0	Lev.	50				
0+77	- 4.9	- 9° 17	77				
2+96.14	- 4.9	- 9° 11 00	296.14	- 47.96	- 47.96	2109.71	top Brk
		- 9° 13 00					
		- 9° 12 00					
↑ @ 2+96.14 D			F.B.	Elev. 2109.71	HI = 4.9		
TC-26	- 4.9	+ 9° 12 00	296.14	+ 48.00	+ 48.00	2157.71	1" I.P.
=0+00 D		+ 9° 13 00					
	- 4.9	+ 9° 12 30					
0+98		+ 6° 58	200	- 176			
1+47	- 4.9	+ 3° 56	150	- 149			
1+96	- 4.9	+ 0° 43	100	- 100			
2+53.6	- 4.9	- 7° 21	43	- 42.5			Bot. draw
3+53	- 4.9	- Lev.	57	57	- 0.0	- 0.0	
4+00	- 4.9	- 1° 00	104	104			
4+50	- 4.9	- 2° 00	154	154			
5+00	- 9.9	- 1° 06	205	204			
5+51.47	- 4.9	- 2° 03 00		255.33	-9.21	- 9.21	2100.50	1X1
		- 2° 05 00					
		- 2° 04 00					
↑ @ 5+51.47			F.B.	Elev. 2100.50	HI = 5.1		
2+96.14	-6.1	+ 2° 20 00	255.33	+10.33	+9.33	2109.83	1X1
		+ 2° 18 00					
		+ 2° 19 00					
5+84.27	- 5.3	Lev.	32.80	-0	-0.20	2100.30	1X1
↑ @ 5+84.27			F.B.	Elev. 2100.30	HI = 4.7		
5+51.47	- 4.4	Lev.	32.80	- 0.0	+ 0.30	2100.60	1X1
6+24.8	- 4.7	-15° 17	40	40.5			top of Brk
7+01	- 4.7	-18° 24	123	117			
7+38	- 4.7	-14° 41	160	154			top spur
7+72	- 4.7	-14° 18	214	208			Bot. Brk
8+52	- 4.7	- 9° 41	272	268			
8+79.55	- 4.7	- 7° 00 00		295.28	-36.30	- 36.30	2064.00	1X1
		- 2° 01 00					
		- 7° 00 30					

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76F3095 CE #3 0 6-62

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Line D Sheet #12

Sight @ 8+79.55		F.B.	Elev. 2064.00 HI = 4.7			
Sight On	- Rod	+ Vertical ∠	Horizontal Dist.	+ Vert. − Dist.	± Dist. in Elev.	Elevation	Description
5+84.27	-4.7	+ 7° 00 00 + 6° 59 00 + 6° 59 30	295.28	+ 36.22	+ 36.22	2100.22	1X1
9+16.19	-4.7	+ 21° 03 00 + 21° 01 00 + 21° 02 00	36.64	+ 14.09	+ 14.09	2078.09	1X1
→ @ 9+16.19		F.B.	Elev. 2078.09 HI = 4.9				
8+79.55	-4.9	− 21° 01 00 − 21° 00 00 − 21° 00 30	36.64				1X1
9+50	-4.9	− 22° 32 27	34				
10+00	-4.9	− 11° 09 86	84				
10+517	-4.9	− 4° 29 106	135.5				
11+00	-4.9	− 4° 54 185	184				Bot. Brk
11+51	-4.9	− 1° 56 233	235				
11+79	-4.9	− 0° 18 253	263				top Brk
12+23.79	-3.3	Lev.	307.60	− 0.0	+ 1.60	2079.69	1" I.P.
=TC-21							TC-21
→ @ TC-21 = 12+23.79		F.B. 3203	Elev. 2079.69 HI = 5.1				
9+16.19	-6.6	Lev.	307.60	− 0.0	− 1.50	2078.19	1X1
TC-26	-5.1	+ 3° 41 00	1223.79	+78.42	+ 78.42	2158.11	1" I.P.
=0+00 D		+ 3° 39 00 + 3° 40 00					=TC-26

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

Survey of JN0095 Tape/45 Std. F4 °F
Surveyed by Crowe
Notes CVC Date 20 Oct 61
Indexed C. J. GALLI

Plum Cr. Rd.

F. B. 3203 PG. 221

F. B. 3203 PG. 222

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Map No.	J.N. 0095.46 Tape #1 Std. 84 °F
Office Work	Surveyed by CROWE
Checked	Notes C.V.C. Date 7-65
Date	Indexed C. J. GALLI

F. B. 3203 PG. 223

PLUM CN RD.
AERIAL MAPPING PROFILES
SHEET #14

J.N. 0095.46

JULY - 1965

REFERENCE:
F.B. 3203
2907

CROWE
MCCALL
FALSEY
GLIDDEN
DIETZ

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F. B. 3203 PG. 224

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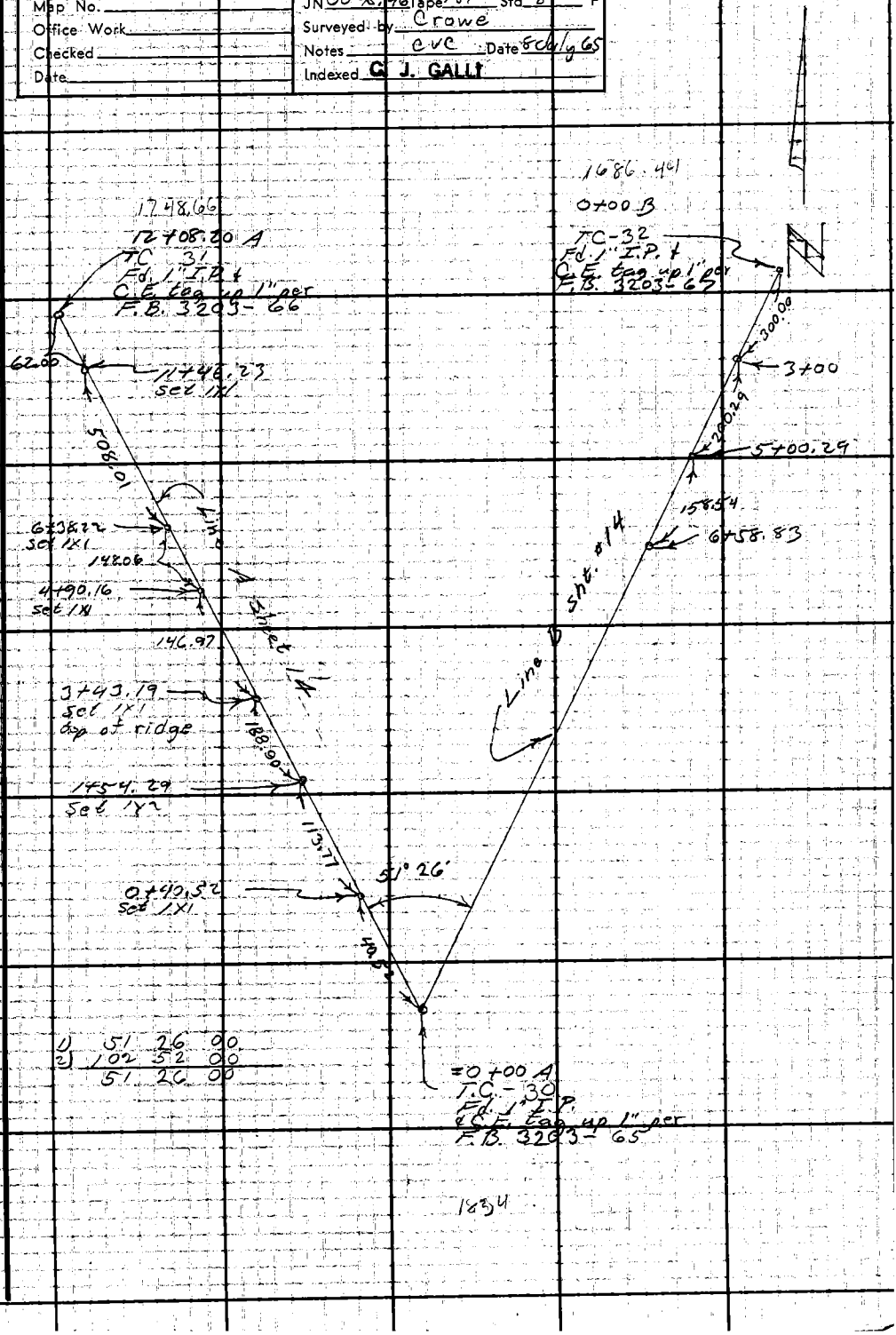
Notes Ck'd by	Survey of Plum Cx. Rd.
Map No.	JN 00 X 46 Tape 181 Std 84 °F
Office Work	Surveyed by Crowe
Checked	Notes CVC Date 8 Oct 65
Date	Indexed G. J. GALLI

F. B. 3203 PG. 225



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76F3095 CE #310 9-62

F. B. 3203 PG. 226

43.80 @ - 22° 19 = 40.52
130.40 @ - 29° 15 = 113.77
189.20 @ - 3° 15 = 188.90
153.10 @ 16° 16 = 146.97
148.90 @ 6° 06 = 148.06

84.50 @ 20° 10 = 79.32
149.00 @ 1° 21 = 148.96
290.50 @ 15° 39 = 279.73
508.01

300.00 @ 9° 31 = 295.87
4.13 @ Lev. = 4.13
300.00
200.40 @ 1° 56 = 200.29
161.80 @ 11° 31 = 158.54

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Line A Sheet 14

T @ T.C. - 30 F.B. 3203-65 Elev. 1834.37 HI = 4.9

Sight On	- Rod	+ Vertical - Δ	SD	Horizontal Dist.	+ Vertical - Dist.	+ Diff. - Elev.	Elevation	Description
TC-31	-4.9	- 4° 03 30 -4° 04 00						1" I.P. & C.E. tag. top of hill
0+40.52	-4.9	-22° 19 00 -22° 19 00 -22° 19 00		40.52	-16.63	- 16.63	1817.74	1X1
T @	0+40.52			F.B.		Elev. 1817.74	HI = 4.0	
TC-30	-4.0	+ 22° 12 00 + 22° 10 00 + 22° 11 00		40.52	+16.52	+ 16.52	1834.26	1" I.P.
1+00.2	-4.0	- 32° 45	7.0	59.7	-38.41	- 38.41	1779.3	
1+54.29	-4.0	- 29° 15 30 - 29 14 30 -29° 15 00		113.77	-63.71	- 63.71	1754.03	1X1
T @	1+54.29			F.B.	Elev. 1754.03		HI = 4.40	
0+40.52	-4.4	+ 29° 15 00 + 29° 15 00 +29° 15 00		113.77	+63.71	+ 63.71	1817.74	1X1
2+12.6	-4.4	-26° 12	65.0	56.3				Bot Cut
2+49.3	-4.4	-14° 07	95.0	95.04				
2+99.9	-4.4	- 4° 14	145.0	145.6				
3+43.19	-4.4	- 3° 15 00 - 3° 16 00 - 3° 15 30		188.90	- 10.74	- 10.74	1743.29	1X1 top of ridge

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

Survey of Plan Ch. Pt
JN 0095 VC Tape 181 Std 84 °F
Surveyed by Crowe
CVC Date 8/16/65
Notes
Indexed C. J. GALLI

F.B. 3203 PG. 227

F. B. 3203 PG. 228

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Line A Sheet #14

Sight On	Rod	± Vert.	SD	Hor. Dist.	± Vert. Dist.	Elev. 1743.29 ± Diff. Elev.	HI = 4.70 Elev.	Desc.
1+54.29	-4.7	+ 3° 16 00 + 3° 15 00 + 3° 15 30	0.0°	188.90	+10.74	+ 10.74	175403	1X1
4+003	-4.7	- 17° 26	0.0°	57.1	-18.0	- 18.0	17253	
4+49.7	-4.7	- 18° 00	1.20°	106.5				
4+90.10	-4.7	-16° 15 00 -16° 17 00 -16° 16 00		146.97	-42.88	- 42.88	170041	1X1
TB 4+90.16				F.B.		Elev. 1700.41	HI = 4.70	
3+43.19	-4.7	+16° 17 00 +16° 16 00 +16° 16 30		146.97	+42.91	+ 42.91	1743.32	1X1
5+27.7	-4.7	- 20° 22	0.0°	37.5				Not drawn
5+48.7	-4.7	- 12° 42	0.0°	58.5				
6+002	-4.7	- 6° 00	1.1°	110.0	-1.58.2	- 1.58.2	1684.59	1X1
6+58.2	-4.7	- 6° 05 00 - 6° 07 00 - 6° 06 30		148.06				

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Line A Sheet #4

T @ 6+38.22 F.B. Elev. 1684.59 HI = 4.90

Sight On	- Rod	+ Vertical - δ SD	Horizontal Dist.	+ Vertical - Dist.	+ Diff. in - Elev.	Elevation	Description
4+90.16	-4.9	+ 6° 06 30 + 6° 07 30 - 6° 08 00	148.06	+15.87	+ 15.87	1700.46	1X1
6+63.6	-4.9	- 20° 09 27	25.4				
7+17.54	-4.9	- 20° 11 00 - 20° 10 00 - 20° 10 30	79.32	- 29.15	- 29.15	1655.44	toe slope

T @ 7+17.54 F.B. Elev. 1655.44 HI = 4.80

6+38.22	-4.8	+ 20° 12 00 + 20° 11 00 + 20° 11 30	79.32	+ 29.17	+ 29.17	1684.61	1X1
7+50	-5.5	Lev.	32.5	- 0.0	- 0.7	1654.7	
8+00	-7.4	Lev.	82.5	- 0.0	- 2.4	1653.0	toe of slope
8+50.3	-4.8	+ 1° 40 33	132.8				top Brk
8+66.50	-4.8	+ 1° 21 00 + 1° 21 00 + 1° 21 00	148.96	+ 3.51	+ 3.51	1658.95	1X1

T @ 8+66.50 F.B. Elev. 1658.95 HI = 4.70

7+17.54	-4.7	- 1° 17 00 - 1° 19 00 - 1° 18 00	148.96	- 3.38	- 3.38	1655.57	1X1
9+18.4	-4.7	- 2° 36 52	51.9				toe slope
9+50.3	-4.7	+ 2° 50 84	83.8				
10+00.5	-4.7	+ 6° 08 135	134.0				
10+50.5	-4.7	+ 9° 36 187	184.0				
10+98.7	-4.7	+ 13° 28 209	232.2				

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

Survey of Plum Cr. Rd.
JN 0095 Tape 181 Std. 8 ½ °F
Surveyed by Crowe
Notes CVC Date 8/14/62
Indexed G. J. GALL

F. B. 320 B PG. 229

F. B. 3203 PG. 230

Sight On	Rod	Vert.	Hor. Dist.	Elev.	Diff. Elev.	Elev.	Desc.
LINE A STA. 8+66.50							
1+46.23	-4.70	+ 15° 39' 00" 2 SD + 15° 00' 40" 00 + 15° 39' 50"	279.73	Ca. 0	Eq. hand level Ch. Eage from 1+46.23	+ 78.41	+ 11.6	1737.36	1749.0	1"x1" Stake TC-31 1" I.P.
12+08.2										

HI = 4.70

Elev. 1658.95

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Line B Sheet #14

T @	TC-	32	F.B. 3203-	67	Elev. 1686.49	HI= 4.9	
Sight on	+ Rod	+ Vertical − 4	Horizontal Dist	+ Vertical − Dist	+ Diff. in − Elev.	Elevation	Description
		+ 3					
0+26.5	-4.9	− 9° 30 27	26.5				top Brk
0+50	-4.9	− 11° 23 51	50				
1+00.5	-4.9	− 12° 10 103	100.5				
1+49	-4.9	− 13° 40 153	149				
2+00	-4.9	− 10° 25 205	200				toe of slope
2+49	-4.9	− 13° 25 255	249				
3+00	-4.9	− 9° 20 00	300.00	− 49.35	− 49.35	1637.09	1X1
		− 9° 21 00					
		− 9° 20 30					
T @	3+00		F.B.	Elev. 1637.09		HI= 5.1	
TC-32	-5.1	+ 9° 21 00	300.00	+ 49.40	+ 49.40	1686.49	1" I.P.
=0+00		+ 9° 21 00					
		+ 9° 21 00					
3+50	-3.9	Lev. 5	50				
4+00	-1.9	Lev. 10	100				
4+50	-5.1	+ 1° 57 15	150				
5+00.29	-5.1	+ 1° 57 00	200.29	+ 6.79	+ 6.79	1643.88	1X1
		+ 1° 56 00					
		+ 1° 56 30					
T @	5+00.29		F.B.	Elev. 1643.88		HI= 5.2	
3+00	-5.2	− 1° 55 00	200.29				1X1
		− 1° 56 00					
		− 1° 55 30					
5+70.3	-1.9	Lev. 70					toe slope
6+58.3	-5.2	+ 11° 32 00	158.54	+ 32.33	+ 32.33	1676.21	1X1
		+ 11° 31 00					
		+ 11° 31 30					

Notes Ck'd by
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Survey of Plum Cr. Rd
JN 00985/16 Tape 145 Std 8 ½ °F
Surveyed by Crane
Notes Date 19 July 65
Indexed C. J. GALLI

F. B. 3203 PG. 231

F. B. 3203 PG. 232

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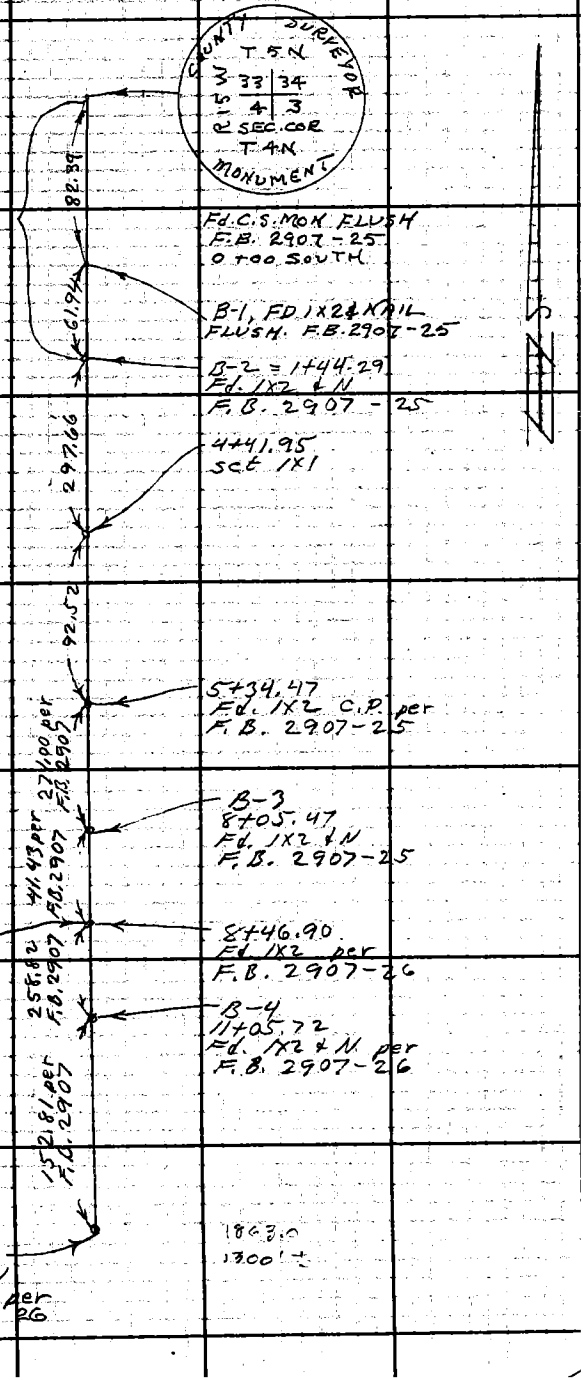
Survey of PLUM CR RD
JN0095-46 Tape 181 Std 84°F
Surveyed by C.Y. CROWE
Notes MCCALL Date JUNE 7, 65
Indexed C. J. GALLI

F. B. 3203 PG. 233



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Line C Sheet #14

TP	N.E. COR. SEC. 4 = 0+00 S.		F.B. 2907-25	ELEV = 1693.40		H.I. = 4.8		
SIGHT ON	- ROD	+ VERTICAL -	HORIZONTAL DIST.	+ VERTICAL - DIST.	+ DIFF. IN - ELEV.	ELEVATION	DISCRIPTION	
0+49.3	4.8	+ 21°31'00" 53	49.3					
B-1 0+82.35	4.8	+ 21°50'00" 88 ? + 21°48'00" + 21°49'00"	82.35	+ 32.97	+ 32.97	1726.37	1X2 & NAIL	(FD)
TP	B-1, 0+82.35	F.B. 2907-25		ELEV = 1726.37		H.I. = 4.9		
0+00	4.9	+ 21°51'00" - 21°53'00" - 21°52'00"	82.35	- 33.05	- 33.05	1693.32	C.S. MON.	
1+44.29	4.9	+ 05°13'00" + 05°13'00 + 05°13'00"	61.94	+ 5.66	+ 5.66	1732.03	1X2 & NAIL TOP RIDGE	(FD)
TP	1+44.29	F.B. 2907-25		ELEV = 1732.03		H.I. = 4.8		
0+82.35	4.8	- 05°11'00 - 05°12'00 - 05°11'30"	61.95	- 5.63	- 5.63	1726.40	1X2 & NAIL	(FD)

F.B. 3203 PG 234

76F3095 CE #310 6-62

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Line C Sheet 14
F.B. 2907-25

Sight on	Rod	+ Vertical − Δ	Horizontal Dist.	+ Vert. − Dist.	+ Diff. in − Elev.	Elevation	Description
T @ 1+44.29				Elev. 1732.03	HI = 4.8		
2+01.2	4.8	− 11° 23' 00" 58	56.9				TOE SLOPE
2+52.8	4.8	− 09° 33' 00" 110	108.5				
3+01.8	4.8	− 07° 57' 00" 159	157.5				
3+55.2	4.8	− 05° 43' 00" 212	210.9				
3+85.2	5.8	− 05° 25' 00" 242	240.9	− 22.8	− 23.8	1708.3	BOT. DRAIN
4+41.95	4.8	− 03° 26' 00 298.20	297.66	− 17.95	− 17.95	1714.08	1X1 (SET)
		− 03° 28' 00					
		− 03° 27' 00					
TC	4+41.95			ELEV = 1714.08	H.I. 4.8		
1+44.29		+ 03° 26' 00	− 297.66	+ 17.86	+ 17.86	1731.94	1X2 & NAIL (F.O) TOP RIDGE
		+ 03° 26' 00					
		+ 03° 26' 00"					
5+01.95	1.3	0° 00'	60.0	+ 3.5	+ 3.5	1717.6	
5+34.47	4.8	+ 03° 31' 00" 92.1	92.52	+ 5.69	+ 5.69	1719.77	
		+ 03° 31' 00					
		+ 03° 31' 00					
T @	5+34.47			ELEV. = 1719.77	H.I. 4.9		
4+41.95	4.9	− 03° 00' 00	− 92.52	− 5.67	− 5.67	1714.10	
		− 03° 31' 00					
		− 03° 30' 30"					
6+03.47	4.9	+ 00° 39' 00 69	69.0				BOT DRAIN
6+72.4	4.9	+ 02° 59' 00 138	137.9				TOE SLOPE
8+05.47	4.9	+ 16° 32' 00	271.00	+ 80.36	+ 80.36	1800.13	TOP RIDGE 1X2 & N F.B. 2907-25
		+ 16° 30' 00					
		+ 16° 31' 00"					

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

Survey of PLUM CN RD
JN 0095.46 Tape 101 Std 84 °F
Surveyed by C.V. CROWE
Notes McCALL Date July 29, 65
Indexed G. J. GALLI

F.B. 3209 PG. 235

Line C Sheet #14

Sight	Rod	± Vert. ∠	Hor. Dist	Elev. 1800.13 HI = 4.8 ± Vert. Dist.	± Dist. Elev.	Elevation	Desc.
↗ @ 8+05.47			F.B. 2907-25				
5+34.47	4.8	- 16° 28' 30"	- 271.00	- 80.25	- 80.25	1719.88	
		- 16° 31' 00					
		- 16° 29' 45					
7+48.4	4.8	- 29° 26' 00 65	- 57.1				
7+22.3	8.8	- 28° 53' 00 95	- 83.2	- 45.90	- 49.90	1750.23	
8+46.90	4.8	+ 08° 40' 00	41.43	+ 6.20	+ 6.20	1806.33	
		+ 08° 39' 00					
		+ 08° 39' 30"					
T @	8+46.90	F.B. 2907-26	ELEV =	1806.33	H.I. = 4.5		
8+05.47	4.5	- 08° 37' 00	- 41.43	- 6.29	- 6.29	1800.04	
		- 08° 39' 00					
		- 08° 38' 00					
9+04.7	4.5	- 04° 20' 00" 58	57.8				BOT DRAW
9+51.6	4.5	+ 03° 57' 00 105	104.7				TOP BRK.
9+98.4	4.5	+ 04° 39' 00 152	151.5				
11+05.[illegible]		+ 08° 45' 00"	258.82	+ 39.76	+ 39.76	1846.09	1X2 TOP RIDGE FB 2907-26
		+ 08° 43' 00"					
		+ 08° 44' 00					

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Line C Sheet 14

℄ @ 11+05.72 F.B. 2907.26 ELEV = 1846.09 H.I. 4.8

Sight On	Rod	+ VERT. − ∡	HORIZ. DIST.	+ VERT. − DIST.	+ DIFF. − ELEV.	ELEVATION	DISC.
8+46.90	4.8	− 08° 42' 00	258.82	− 39.68	− 39.68	1806.41	
		− 08° 44' 00					
		− 08° 43' 00					
10+62.2	4.8	− 22° 08' 00 47	− 43.5				BOT DRAIN
B+1 0+82.35	4.8	− 06° 37' 00	1023.37	− 119.00	− 119.00	1727.09	1X2 & NAIL
		− 06° 39' 00					
		− 06° 38' 00					
11+58.6	11.8	− 03° 55' 00 55	52.9				BOT. DRAIN
12+00.5	4.8	+ 03° 55' 00 75	94.8	+ 17.52	+ 17.52	1863.61	
12+58.7	4.8	+ 06° 33' 00 154	153.0				1X2 TOP RIDGE F.B. 2907-28
		+ 06 31' 00					
		+ 06° 32' 00					

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

Survey of PLUM CRT RD.
JN ____ Tape ____ Std ____ °F
Surveyed by C. Y. C ROWE
Notes ____ Date ____
Indexed C. J. GALLI

F. B. 3203 PG. 237

F. B. 3203 PG. 238

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Notes Ck'd by	Survey of PLUM CK RD
Map No.	JN 0095 K Tape 181 Std 84 °F
Office Work	Surveyed by CROWE
Checked	Notes C.V.C. Date 12 Jul 1965
Date	Indexed C. J. GALLI

F. B. 3203 PG. 239

PLUM CK. RD.

AERIAL MAPPING PROFILES

SHEET #16

JULY - 1965

REFERENCE:

F.B. 3203
1872

CROWE
McCALL
FALSEY
GLIDDEN
DIETZ

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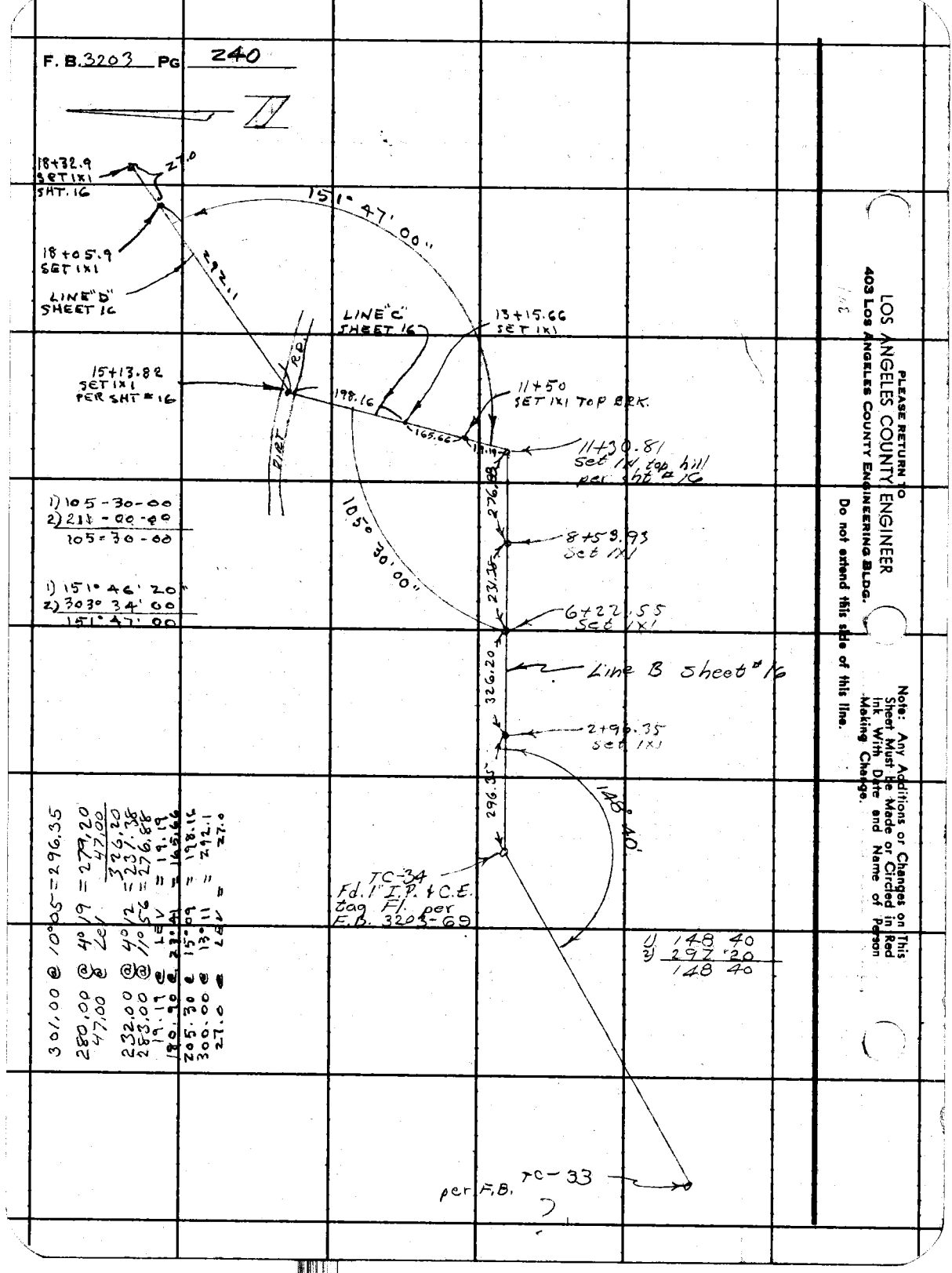
76F3095 C.E. #3 0 0-62

F. B. 3203 PG 240



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Line B Sheet #16

T @ T.C. 34 = 0+00 F.B. 3203-69 Elev. 1696.95 HI = 5.10

Sight On	- Rod	+ Vertical - Δ	Horizontal Dist.	+ Vertical - Dist.	+ Diff. in - Elev.	Elevation	Description
0+07	-5.4	Lev.	7.0	- 0.0	- 0.3	1696.6	top Brk
	-5.1						
0+49.7		- 20° 21	49.7				
1+00	-5.1	- 20° 34	100				
1+22.5	-5.1	- 19° 21	122.5				Bot. slope
1+99	-5.1	- 14° 01	199				
2+50	-5.1	- 11° 46	250				
2+96.35	-5.1	- 10° 06 00	296.35	-52.74	-52.74	1644.21	1X1
		- 10° 05 00					
		- 10° 05 30					
T @ 2+96.35			F.B.	Elev. 1644.21	HI = 5.1		
3+50	-5.1	Lev.	53.6	- 0.0	- 0.0	1644.2	
3+00	-3.0	Lev.	104				
0+00	-5.1	+ 10° 05 00					1X1
		- 10° 04 00					
		+ 10° 04 30	296.35	+52.66	+52.66	1696.87	
4+50.3	-5.1	+ 2° 10	154				Bot. Brk
5+01.0	-5.1	+ 3° 27	204.6				
5+48.4	-5.1	+ 4° 05	252				
5+75.55	-5.1	+ 4° 19	279.20				Bot. Brk
6+22.55	-5.1	+ 5° 31 00	326.20	+31.46	+31.46	1675.67	1X1 top of spur
		+ 5° 30 00					
		+ 5° 30 30					
T @ 6+22.55			F.B.	Elev. 1675.67	HI = 5.0		
2+96.35	-5.0	- 5° 31 30	326.20	-31.60	-31.60	1644.07	1X1
		- 5° 32 30					
		+ 5° 32 00					
6+47.5	-4.0	Lev.	25.				top Brk
6+90.5	-5.0	- 2° 57	68				Bot. Brk
7+42.5	-5.0	+ 3° 10	120				top Brk
7+76	-5.0	+ 1° 56	154				Bot Brk
8+01.3	-5.0	+ 3° 08	178.8				
8+53.83	-5.0	+ 4° 12 00	231.38	+16.99	+16.99	1692.66	1X1
		+ 4° 12 00					
		+ 4° 12 00					

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

Survey of Plam Cr. Rd.
JN 0095-46 Tape 181 Std. 84 °F
Surveyed by Crowe
Notes CVC Date 12/29/65
Indexed G. J. GALLI

F.B. 3203 PG. 241

Line B Sheet #16

T @ 8+53.93 F.B. Elev. 1692.66 HI = 4.8

Sight on	- Rod	± Vert. ∠	Horiz. Dist.	± Vert. Dist.	± Dist. Elev.	Elev.	Desc.
6+22.55	- 4.8	- 4° 12 00 - 4° 13 00 - 4° 12 30	231.38	- 17.02	- 17.02	1675.64	1x1
8+72	- 4.6	Lev. 18	18				Top Brk
9+11.4	- 4.8	- 6° 19 58	57.5				Bot. draw
9+50		+ 3° 05 96	96				
9+99	- 4.8	+ 9° 13 147	145				
10+48	- 4.8	+ 9° 41 195	194				Bot. draw
11+30.81	- 4.8	+ 11° 56 00 + 11° 56 00 + 11° 56 00	276.88	+ 58.52	+ 58.52	1751.18	1x1 top knoll

T @ 11+30.81 F.B. Elev. 1751.18 HI = 4.8

8+53.93	- 4.8	- 11° 57 00 - 11° 58 00 - 11° 57 30	276.88	- 58.64	- 58.64	1692.54	1x1
TC-34 = 0+00	- 4.8	- 2° 45 00 - 2° 45 00 - 2° 45 00	1130.81	- 54.31	- 54.31	1696.87	1" I.P.

LINE "C" SHEET #16

T @ 11+30.81 F.B. ELEV = 1751.18 H.I. = 4.5

11+50	- 7.6	0° 00'	19.19	- 3.1	- 3.1	1748.08	1x1

T @ 11+50 00 ELEV = 1748.08 H.I. = 4.6

12+00.5	4.6	- 32° 38' 00 60	50.5				
12+53.0	4.6	- 29° 11' 00 118	103.0				
13+15.66	4.6	- 23° 40' 00 184.9 - 23° 42' 00 - 23° 41' 00	165.66	- 72.66	- 72.66	1675.42	1x1 BRK

F.B. 3203 PG. 242

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T @ 13+15.66 F.B. ELEV = 1675.42 H.I. = 4.4

TIGHT ON	- ROD	+ VERT -	HORIZ. DIST.	+ VERT - DIST	+ DIFF. - ELEV.	ELEV	DISC.
11+50	-4.4	+ 23°42'00 + 23°44'00 + 23°43'00	165.66	+ 72.78	+72.78	1748.20	1X1 BRK.
13+50.2	-4.4	- 21°23'00" 37	34.5				
13+97.6	-4.4	- 23°00'00" 89	81.9				
14+39.0	-4.4	- 22°01'00" 133	123.3				BOT. BRK.
15+13.82	-4.4	- 15°08'00" - 15°10'00" - 15°09'00"	205.50 198.16	- 53.65	- 53.65	1621.77	CTR. DIET. RD (1X1)

T @ 15+13.82 F.B. ELEV. = 1621.77 H.I. = 5.1

13+15.66	-5.1	+ 15°11'00 + 15°10'00 + 15°10'30"	198.16	+ 53.74	+ 53.74	1675.51	
11+50	- 1.0	+ 18°36'00" + 18°34'00" + 18°35'00"	363.82	+ 122.32	+ 126.42	1748.19	
		LINE "D"	SHEET 16				
15+49.8	-5.0	0°00'	36.0	+ 0.1	+0.1	1621.9	
15+98.8	-7.0	0°00'	85.0	- 1.9	-1.9	1619.9	TOP BRK.
16+13.8	-12.7	0°00'	100.0	- 7.6	- 7.6	1614.2	BOT. DRAIN
16+32.8	-4.8	0°00'	119.0	+ 0.3	+ 0.3	1622.1	TOP BRK & TOE SLOPE
17+01.8	- 5.1	+ 08°24'00" 110	188.0				SLOPE
17+49.5	- 5.1	+ 10°48'00" 240	235.7				SLOPE
18+05.9	- 5.1	+ 13°11'00" 300 + 13°11'00 + 13°11'00"	292.1	+ 68.42	+ 68.42	1690.19	

T @ 18+05.9 F.B. ELEV = 1690.19 H.I. = 5.0

15+13.9	-5.0	- 13°11'00" - 13°11'00' - 13°11'00"	292.1	- 68.42	- 68.42	1621.77	
18+32.9		0°00'	27.0	+ 7.3	+ 7.3	1697.5	TOP RIDGE

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

Survey of PLUM CYN. RD
JN 0095.46 Tape 181 Std 84 °F
Surveyed by C.Y.C. ROWE
Notes M. ECALL Date 7/19/65
Indexed G. J. GALL

F.B. 3203 PG. 243

F. B. 3203 PG 244

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Office Work
Checked
Date

Survey of Plum Cñ. Rd.
JN 0095146 Tape 181 Std 84 °F
Surveyed by Crowe
Notes CVC Date 13 July 66
Indexed

F. B. 3203 PG. 245

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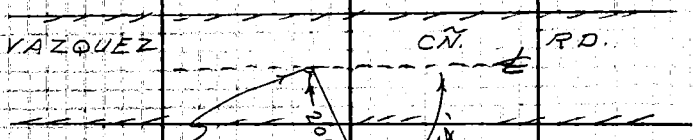
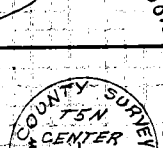
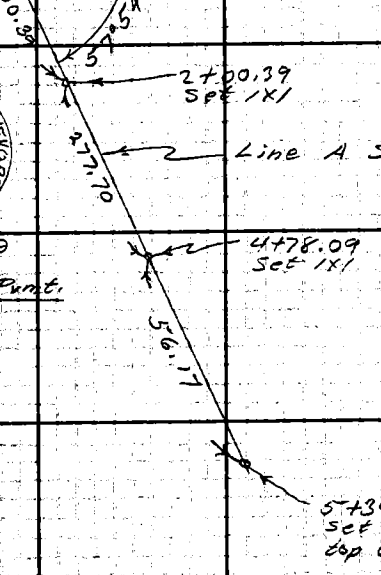
1) 57 54
2) 115 48
57 54



Z-2
Fd. Std. C.S.
B.C. Man.
On 17" Mkd. as
shown per
F.B. 3203-43
F.B. 1872-25





Assumed Elev. of 1559.9
was on bare surface.
Took HI of 5.4 above Pmt.

200.40 @ 0°24 = 200.39
299.40 @ 21°57 = 277.70
62.00 @ 25°03 = 56.17

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76F309S CE #310 6-62

1699

Line A Sheet #16

T @ Z-2 = 0+00 F.B. Elev. 1559.9 HI = 5.4

Sight on	-Rod	+ Vertical -	Horizontal Dist.	+ Vertical - Dist.	+ Diff. in - Elev.	Elevation	Description
0+13	-5.6	Lev.	13.0				Edge Pvmt.
0+25	-3.9	Lev.	25.0				top berm
0+38	-8.8	Lev.	38.0				Bot. Brk.
0+51	-8.8	Lev.	51				Bot. Brk.
0+70	-5.4	+ 2° 38	70				top Brk
0+87	-6.4	+ 0° 27	87				toe slope
1+50	-7.4	+ 0° 31	150				
2+00.39	-5.4	+ 0° 24 00 + 0° 24 00 + 0° 24 00	200.39	+ 1.40	+ 1.40	1561.3	1X1

T @ 2+00.39 F.B. Elev. 1561.30 HI = 5.1

Z-2 =0+00	- 6.1	- 0° 09 00 - 0° 09 00 - 0° 09 00	200.39	- 0.53	- 1.53	1559.77	C.S. Mon.
2+50.4	- 5.1	+ 11° 05 51	50				
3+01.4	- 5.1	+ 11° 32 103	101				
3+48.4	- 5.1	+ 14° 30 153	148				
3+97.9	- 5.1	+ 18° 05 208	197.5				
4+49.4	- 5.1	+ 21° 05 00 267	249				
4+78.09	- 5.1	+ 21° 57 00 + 21° 57 00 + 21° 57 00	277.70	+111.92	+111.92	1673.22	1X1

T @ 4+78.09 F.B. Elev. 1673.22 HI = 4.7

2+00.39	- 4.7	- 21° 57 30 - 21° 56 30 - 21° 57 00	277.70	-111.92	-111.92	1561.30	1X1
4+99	- 4.7	+ 31° 53 22	21				top Brk
5+34.26	- 4.7	+ 25° 04 00 62 + 25 03 00 + 25 03 30	56.17	+ 26.26	+ 26.26	1699.48	top ridge

T @ F.B. Elev. HI =

F.B. 3203 PG 246

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Line 4 Sht. 4 16

TB @ 5791.26 F.B.

Sights On	Rod	+ Vertical = Δ	Horiz. Dist.	Elev 1673.48 HI E 5.1 ± Vert. = Dist.	± Diff. in = Elev	Elevation	Desc.
4-78	-5.1	-25° 05 00 -25° 04 00 -25° 04 30	66.12	-26.28	-26.28	1647.20	1X1
2-12 =0400	-5.1	-14° 37 00 -14° 38 00 -14° 37 30	534.26	-139.42	-139.42	1560.06	C.S. Mon.

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

Survey of Plum Cn. Rd
JN 30 95 46 Tape 181 Std 8' 4" °F
Surveyed by Crowe
Notes CVC Date 8 Sept 65
Indexed R. J. GALL

F. B. 3203 PG. 247

F. B. 3203 PG 248