Notes Ck'd by	Survey of	F.B. PG.
Map No.	W. O. Tape No. St'd °F.	
[illegible]	Surveyed by	
[illegible]	Notes Date	
Date	Indexed	

LOS ANGELES COUNTY SURVEY

416

416

FORM 247 [illegible]

F.B. 416 Pg. Index

F.B. 416

PAGES: Index,1, ,3, ,5 to 21 incl., ,23 to 149 incl., ,151 to 209 incl., ,211 to 235 incl., ,237 to 239 incl., ,241, ,243 to 250 inc., , 252 to 263 incl., ,265 to 283 incl.,

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this Emp

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 Camp-Bonita-Prairie Fks.
Map No. NOV 21 1931	W. O. 948 Tape No. St'd °F.
Office Work B-471:1-5	Surveyed by Hellstrom
Checked Drew	Notes Date 9-23-31
Date NOV 22 1931	Indexed A. C. Johnson

F.B. 416 PG. 1

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 8-31

CAMP BONITA-
PRAIRIE FORKS RD.

W.O. 948

CONTINUATION OF GLENDORA MT. ROAD UP EAST FORK OF SAN GABRIEL TO VINCENT GULCH

Solar Observation		3
Center Line	P.I 1 to P.I. 193 0+00 to 546+09.45	5-208
Angular Closure Line		209
Center Line	P.I 194 to P.I. 216 547+34.00 to 606+52.04	211-235
Angular Closure Lines		231

Continued in F.B. 478-71

RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red Ink.** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

F.B._____ PG._____

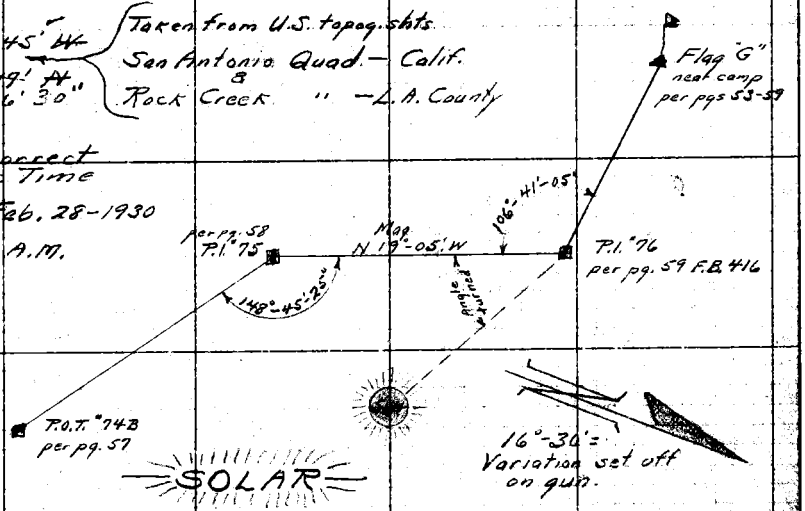
Date 2-28-30 Notes by Hellstrom Chief Party _____ F.B. 416 Pg. 3

Plotted by Jones	W.O. No. 948 D.S.O. No.
Date 5-6-30	Location Cp Bon Pr Fk Rd
Map No.	Surveyed by Hellstrom
Plotting C'k'd by	Date Friday [illegible]
Date	Indexed A. C. [illegible]

Longitude — 117°-45' W
Latitude — 34°-19' N 16' 30"

Taken from U.S. topog. shts.
San Antonio Quad. — Calif.
&
Rock Creek " — L.A. County

Time shown is correct
Standard Pacific Time
Friday Morning Feb. 28-1930
Between 9 & 10 A.M.



Order Taken	Telescope	Time (hr. min sec)	Horiz. Angle (° ' ")	Vert. Angle (° ' ")	Sun in X hairs
①	Normal	9 - 46 - 20	24 - 22 - 30	36 - 55 - 00	
②	Inverted	9 - 47 - 38	24 - 43 - 30	36 - 30 - 00	
~~③~~	~~Inverted~~	~~9 - 49 - 11~~ Rejected	~~24 - 20 - 00~~	~~36 - 43 - 00~~	
~~④~~	~~Normal~~	~~9 - 50 - 50~~	~~23 - 13 - 30~~	~~37 - 33 - 00~~	
⑤	Normal	9 - 51 - 59	22 - 53 - 30	37 - 43 - 00	
⑥	Inverted	9 - 53 - 16	23 - 18 - 30	37 - 19 - 00	
~~⑦~~	~~Inverted~~	~~9 - 54 - 31~~ Rejected	~~22 - 58 - 30~~	~~37 - 29 - 00~~	
~~⑧~~	~~Normal~~	~~9 - 55 - 46~~	~~21 - 57 - 00~~	~~38 - 15 - 00~~	
⑨	Normal	9 - 56 - 38	21 - 43 - 00	38 - 22 - 00	
⑩	Inverted	9 - 57 - 44	22 - 07 - 30	37 - 56 - 00	

Inst. at P.I. #76 sight on P.I. #75 turned Left to sun
Mag. Bearing on Line from P.I. #75 to P.I. #76 is N 19°-0' W
Adopted Bearing P.I. 76 - P.I. 75 - S 19°29'10" E

Notes: ANY ADDITIONS OR CHANGES OF THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F. B. 416 Pg. ~~5~~ 4 Chief Party Notes by Hellstrom Date

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LOS ANGELES COUNTY SURVEYOR

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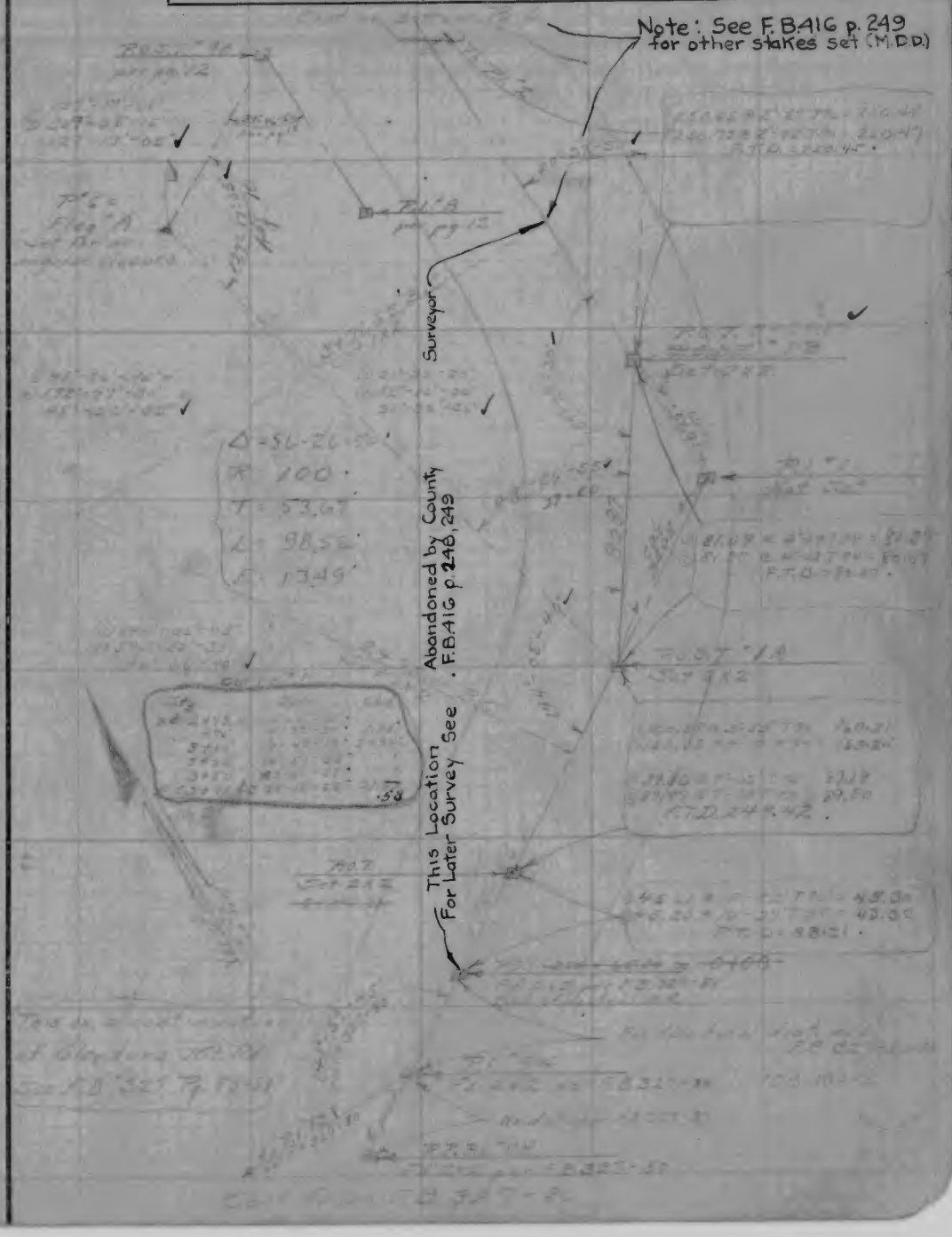
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date _____ Notes by _____ Chief Party _____ F. B. 416 PG. 5

Platted by H. U. M.	W. O. No. _____ D. S. O. No. _____
Date NOV 21 1931	Location _____
Map No. B.471-1	Surveyed by _____
Platting C'k'd by K. R. McP.	Date _____
Date _____	Indexed A. C. Johnson



RETURN TO

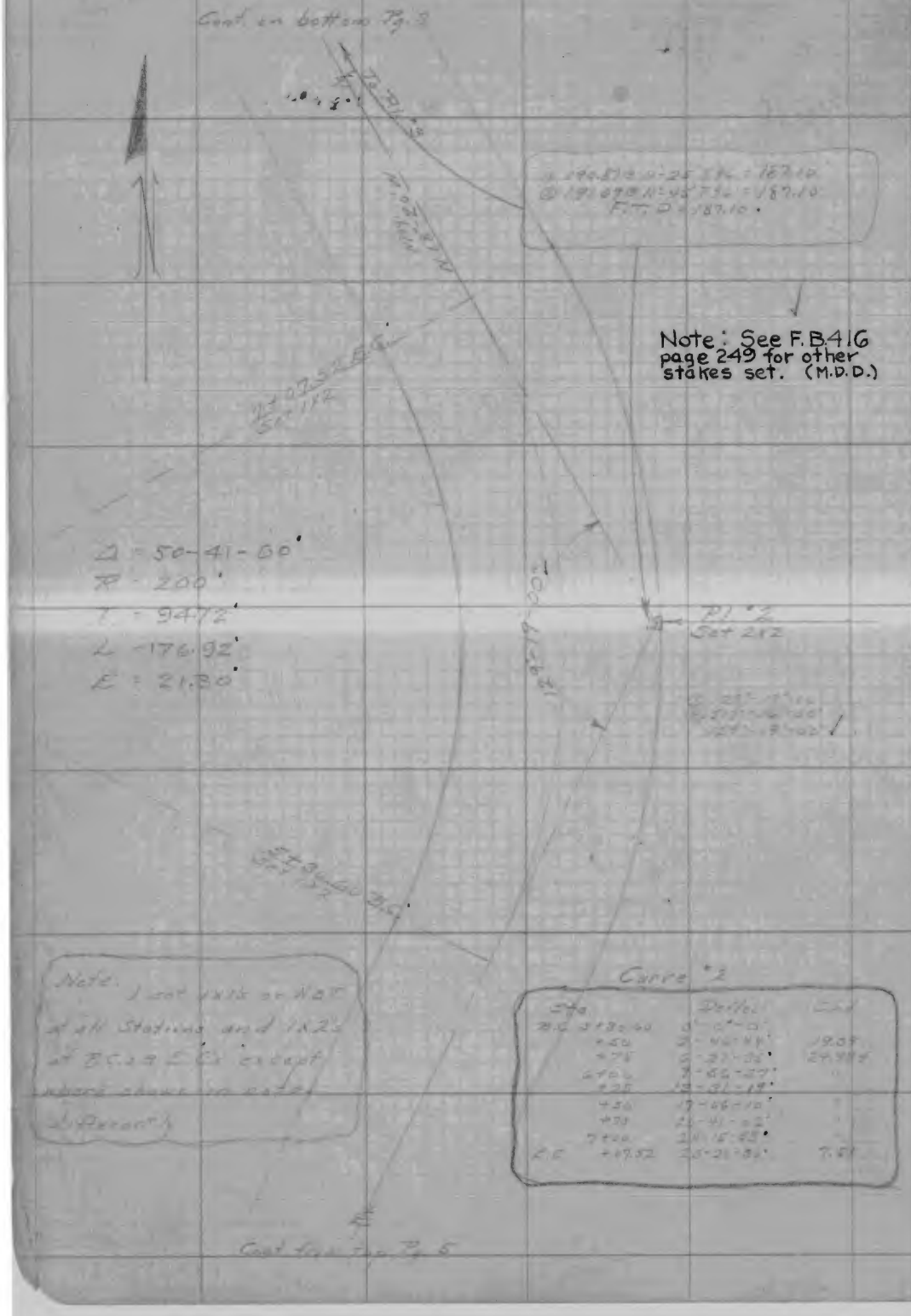
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

F.B. 416 PG. 5 Chief Party Notes by [illegible] Date [illegible]

Cont. on bottom Pg. 3



RETURN TO

LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date [illegible] Notes by [illegible] Chief Party F. B. 416 Pg. 7

Platted by H. U. M.	W. O. No. [illegible] D. S. O. No. [illegible]
Date NOV 21 1931	Location [illegible]
Map No. B 471-1	Surveyed by [illegible]
Platting C'k'd by K. R. McP.	Date
Date NOV 2[illegible] 1931	Indexed A. C. Johnson

This Survey Abandoned
See C.S. B-471-1 For
Relocation

Δ = 12-32-40
R = ~~1000~~ .700
T = 76.94
L = 153.26
E = 4.21

Curve #3

Sta	Defl.	Chd
[illegible]	0-0-0	
[illegible]	0-05-00	[illegible]
[illegible]	1-06-24	25.00
[illegible]	2-07-47	
[illegible]	3-09-10	
[illegible]	4-10-34	
[illegible]	5-11-57	
[illegible]	6-13-20	
[illegible]	6-16-20	1.22

Cont. from top Pg. 6

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

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR

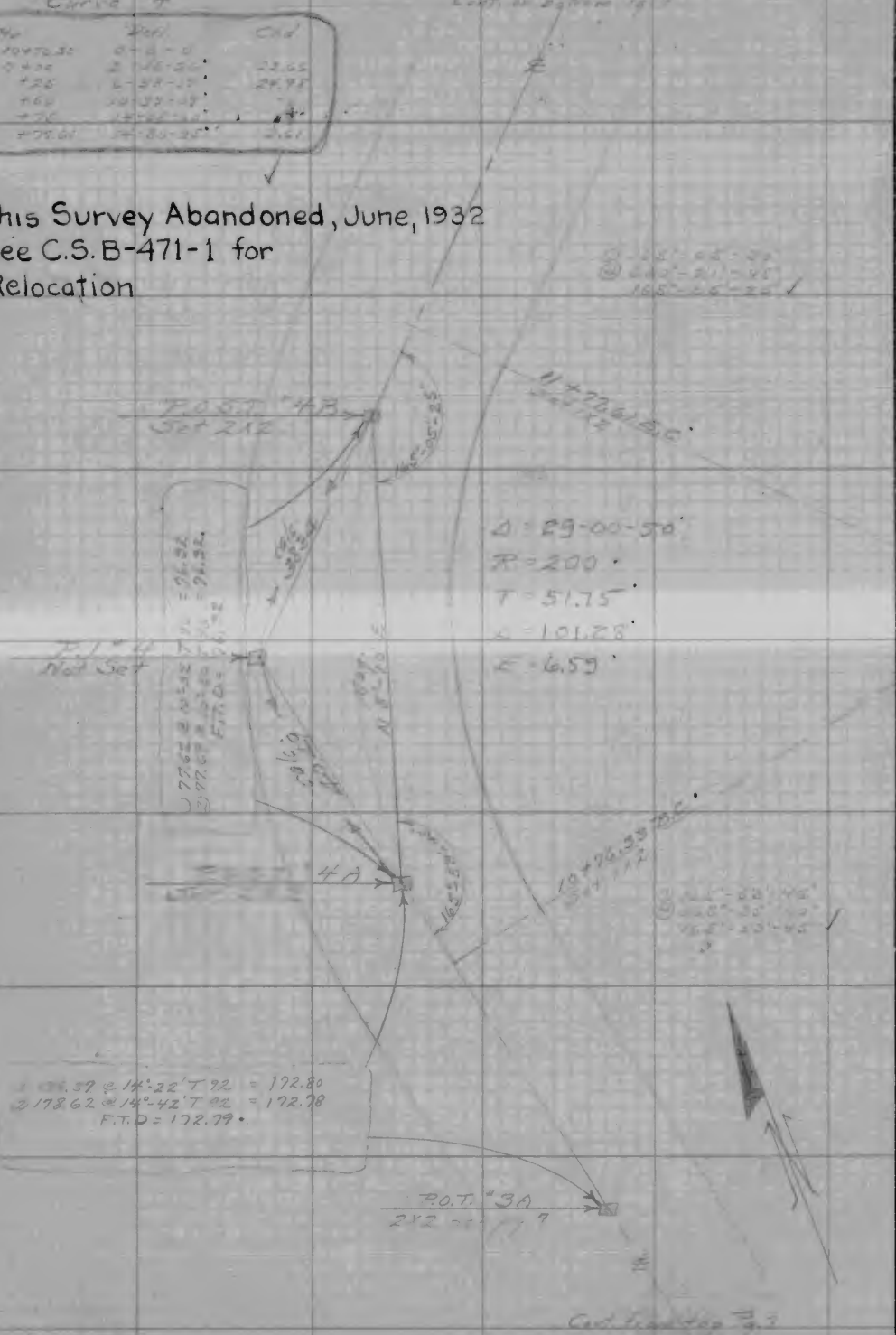
F.B. #16 Pg. 8 Chief Party Notes by [illegible] Date [illegible]

Curve #4

Cont. on bottom Pg. 9

Sta	Defl	Chd
B.C. 10+70.30	0-0-0	
0+00	2-46-26	22.65
+25	6-38-37	24.98
+50	10-33-48	
+75	14-28-60	
E.C. +78.61	14-80-35	2.61

This Survey Abandoned, June, 1932
See C.S. B-471-1 for
Relocation



@ 178.37 @ 14°-22' T 92 = 172.80
@ 178.62 @ 14°-42' T 92 = 172.78
F.T.D = 172.79

Cont. from top Pg. 3

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date ______ Notes by ______ Chief Party ______ F. B. 416 PG. 9

Platted by H. U. M. H.	W. O. No. ______ O. S. O. No. 19
Date NOV 21 1931	Location ______
Map No. B-471-1	Surveyed by ______
Platting C'k'd by K. R. McP.	Date ______
Date NOV 22 1931	Indexed A. C. Johnson

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red.** WITH DATE AND NAME OF PERSON MAKING CHANGE.

RETURN TO
LOS ANGELES COUNTY SURVEYOR

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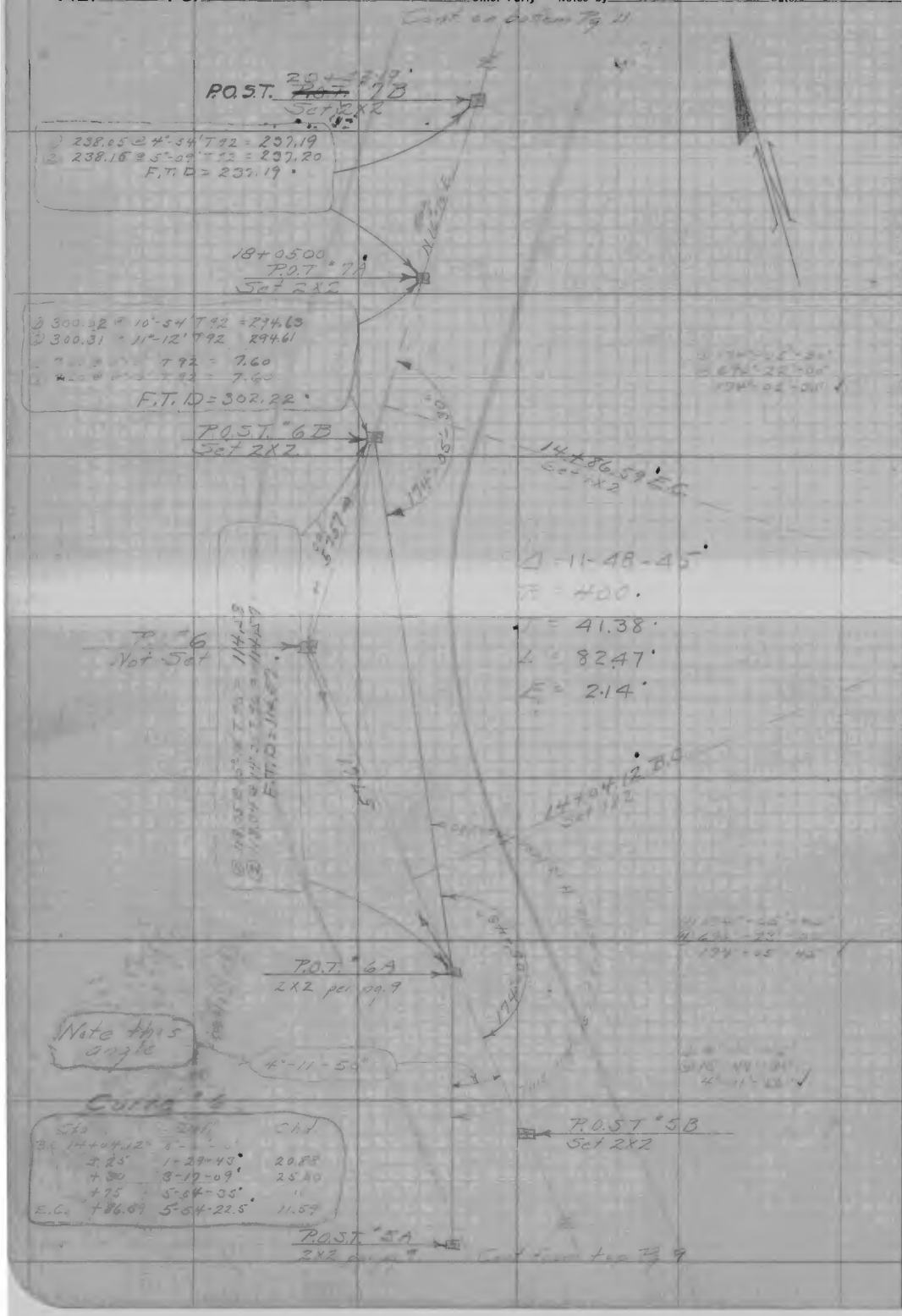
This Survey Abandoned, June, 1932
See C.S. B-471-1 for Relocation

F.B. 416 PG. 70 Chief Party Notes by [illegible] Date 5-24-29



RETURN TO

LOS ANGELES COUNTY SURVEYOR

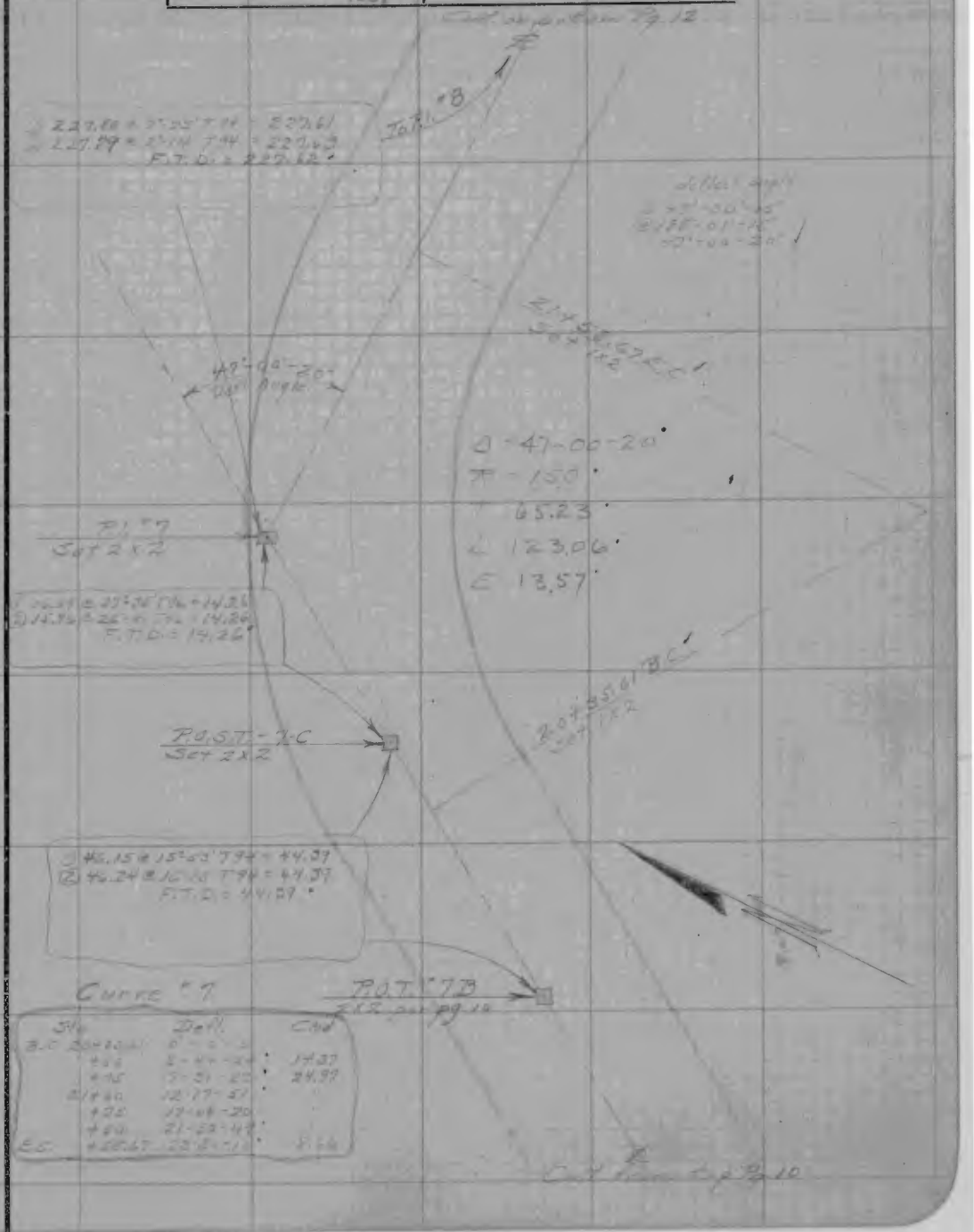
Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red.** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 8-26-29 Notes by Hellstrom Chief Party F. B. 416 Pg. 11

Helistrom
Fenner
McCarver
Mannion
Stewart
Wilce

Platted by H. U. M. H.	W. O. No. 943 D. S. O. No. 19
Date NOV 21 1931	Location [illegible]
Map No. B-471-1	Surveyed by Hellstrom
Platting C'k'd by K. R. McP.	Date 8-26-29
Date NOV 21 1931	Indexed A. C. Johnson



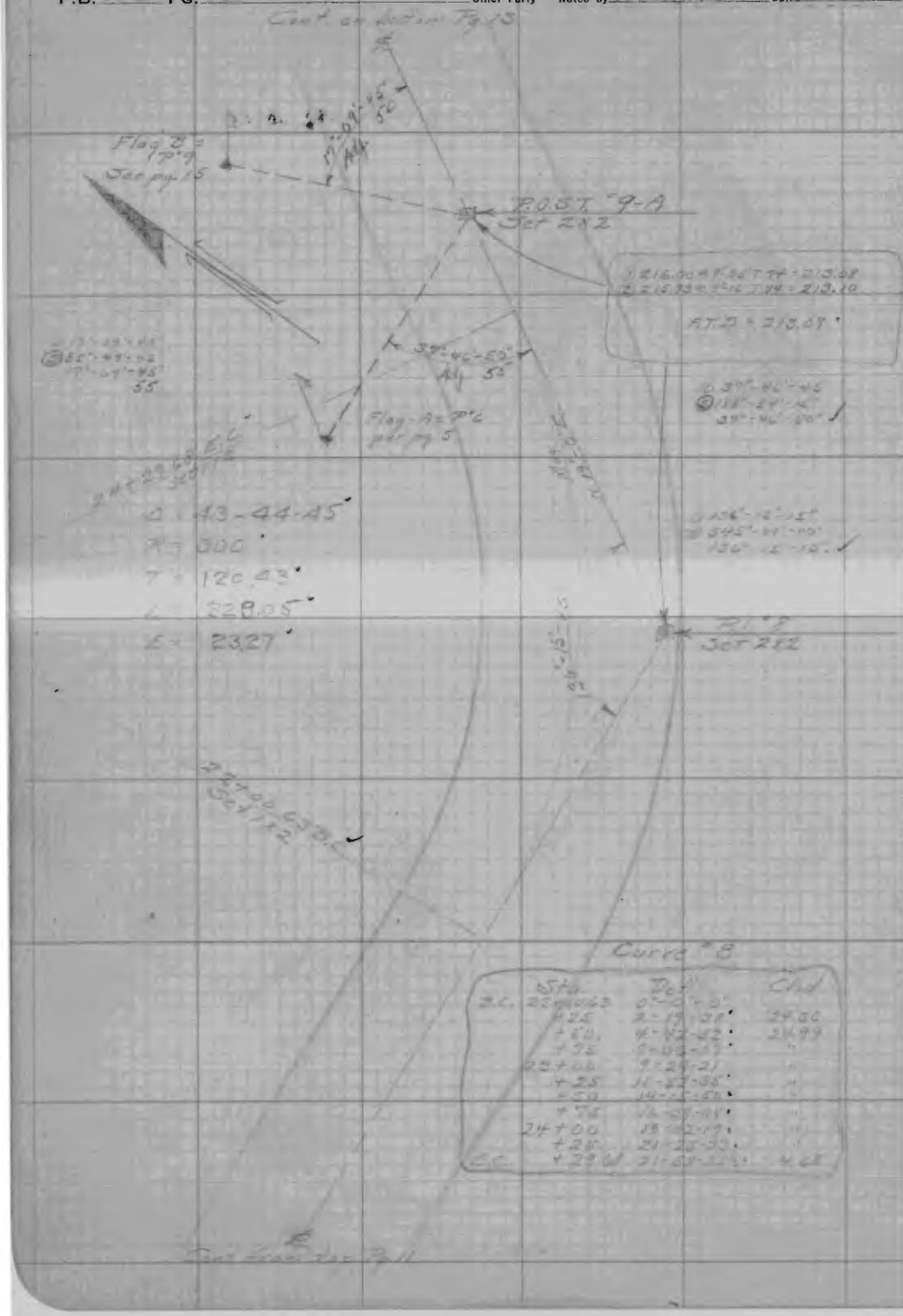
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO

LOS ANGELES COUNTY SURVEYOR

F.B. 410 Pg. 12 Chief Party Notes by Hellstrom Date 5-26-29



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LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red.** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 8-22-29 Notes by Hellstrom Chief Party F.B. 416 Pg. 13

Plotted by H.U.M.H.
Date NOV 21 1931
Map No. B.471-1
Plotting Ch'k'd by K.E.M.
Date Nov. 1931

W. O. No. 9448 Sub. No. 19
Location Co. Bon-Pr. Fr. Rd
Surveyed by Hellstrom
Date 8-29-29
Indexed A. C. Johnson

Cont. on bottom Pg. 14

① 196.78 @ 6°-35' T 94 = 195.49
② 196.90 @ 6°-56' T 94 = 195.47
F.T.D. = 195.48

To P.O.S.T. 10A

N 84°-35' E

① 148°-24'-45"
④ 573°-38'-45"
148°-24'-40" ✓

2+71.76 B.C.

P.O.S.T. 9-C
Set 2x2

148°-24'-40"

① 116.51 @ 7°-08' T 98 = 115.62
② 116.40 @ 6°-38' T 98 = 115.63
F.T.D. = 115.62

148°-24'-40"

Δ = 75-54-10
R = 200
T = 155.98'
L = 264.95'
E = 53.63'

P.T. 9
Not Set

P.O.A.
Set 2x2 (in trail)

① 46.54 @ 23°-17' T 98 = 42.77
② 46.25 @ 22°-19' T 98 = 42.77
F.T.D. 42.77

P.O.S.T. 9-D
Set 2x2

135°-41'-00" Adj.

① 55.54 @ 6°-38' T 92 = 54.91
② 55.39 @ 7°-35' T 92 = 54.91
F.T.D. = 54.91

25+06.81 B.C.

① 135°-41'-00"
④ 542°-44'-00"
135°-42'-00" ✓

P.O.S.T. 9A
2x2 per pg 12

Curve #9

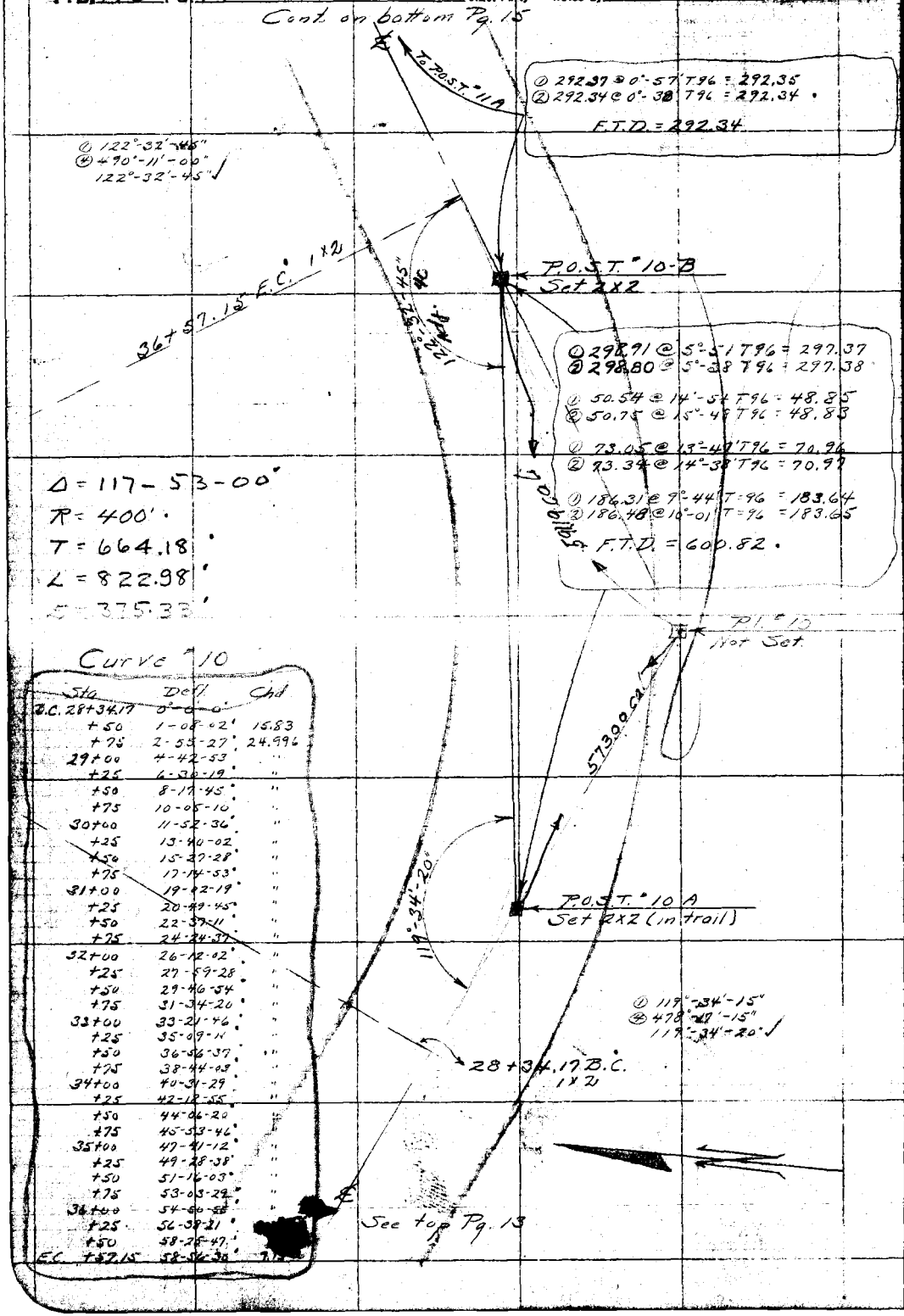
Sta.	Defl.	Chd
B.C. 25+06.81	0°-0'-0"	
+25	2°-36-20"	18.17
+50	6-11-12	24.98
+75	9-46-03	"
26+00	13-20-55	"
+25	16-55-46	"
+50	20-30-38	"
+75	24-05-30	"
27+00	27-40-21	"
+25	31-15-12	"
+50	34-50-04	"
+71.76	37-57-05	21.24

Cont. from Pg. 12

Notice: ANY ADDITIONS OR CHANGES OR THIS SHEET, WITH THE NAME AND CHARGE IN Red, WITH DATE AND NAME OF PERSON MAKING CHANGE.
LOS ANGELES COUNTY SURVEYOR
Do not detach this sheet from file with 24 other sheets

F.B. 416 Pg. 14 Chief Party Notes by Hellstrom Date 8-27-39

Cont. on bottom Pg. 15



Δ = 117-53-00'
R = 400'
T = 664.18'
L = 822.98'
E = 375.33'

Curve #10

Sta	Defl	Chd
B.C. 28+34.17	0°-0-0'	
+50	1-08-02'	15.83
+75	2-55-27'	24.996
29+00	4-42-53'	"
+25	6-30-19'	"
+50	8-17-45'	"
+75	10-05-10'	"
30+00	11-52-36'	"
+25	13-40-02'	"
+50	15-27-28'	"
+75	17-14-53'	"
31+00	19-02-19'	"
+25	20-49-45'	"
+50	22-37-11'	"
+75	24-24-37'	"
32+00	26-12-02'	"
+25	27-59-28'	"
+50	29-46-54'	"
+75	31-34-20'	"
33+00	33-21-46'	"
+25	35-09-11'	"
+50	36-56-37'	"
+75	38-44-03'	"
34+00	40-31-29'	"
+25	42-18-55'	"
+50	44-06-20'	"
+75	45-53-46'	"
35+00	47-41-12'	"
+25	49-28-38'	"
+50	51-16-03'	"
+75	53-03-29'	"
36+00	54-50-55'	"
+25	56-38-21'	"
+50	58-25-47'	"
E.C. +57.15	58-56-30'	[illegible]

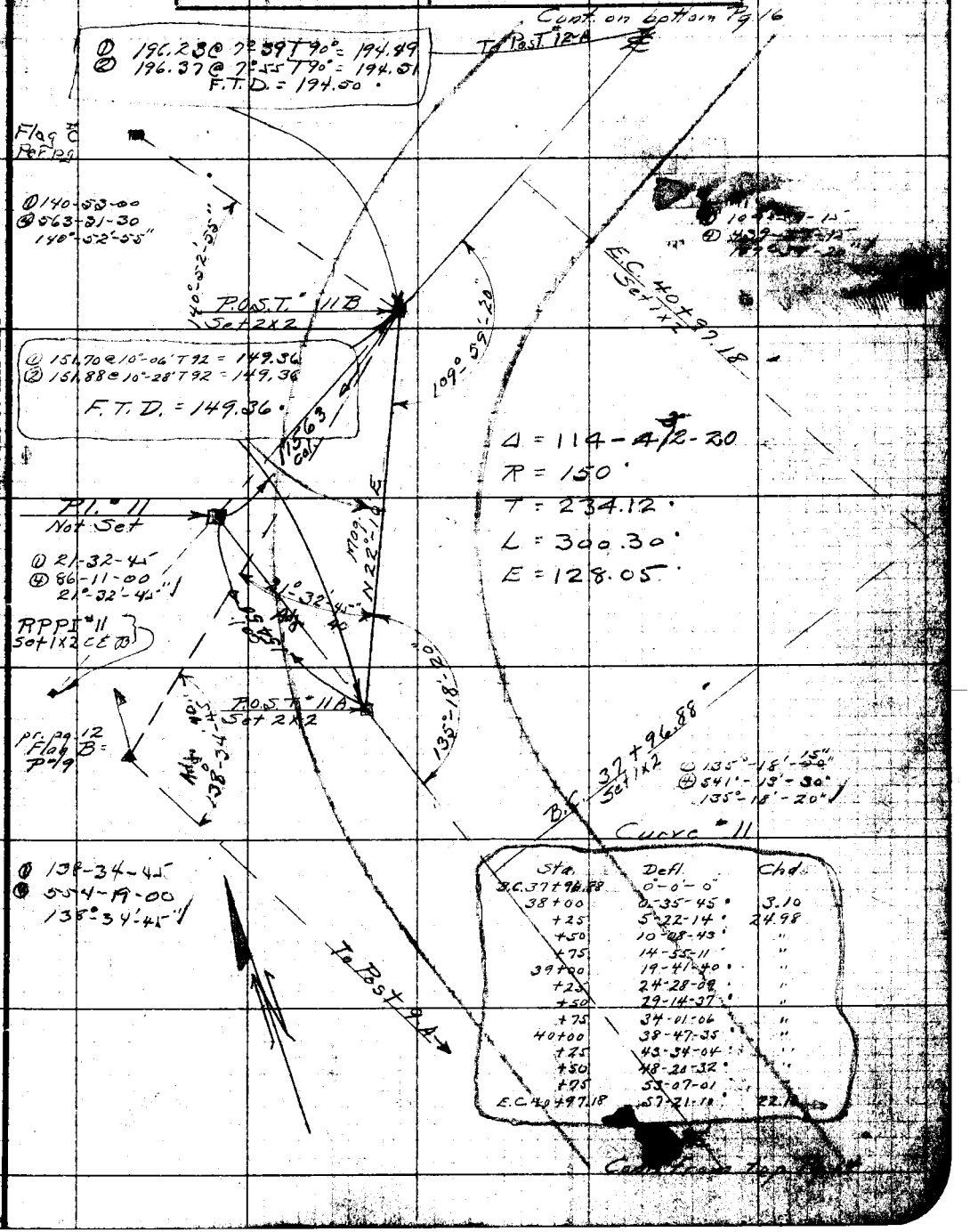
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 8-[illegible] Hellstrom Chief Party F.B. 416 Pg. 15

Plotted by H.U.M.H.	W.O. No. 948 Tape No. 19
Date NOV 21 1931	Location Cp Bon.-Pr. Fk Rd
Map No. B.471-1	Surveyed by Hellstrom
Plotting Ch'd by K.P.M.	Date 8-28-29
Date Nov 1931	Indexed A. E. Johnson



Sta.	Defl.	Chd.
B.C. 37+96.88	0°-0'-0"	
38+00	0-35-45	3.10
+25	5-22-14	24.98
+50	10-08-43	"
+75	14-55-11	"
39+00	19-41-40	"
+25	24-28-09	"
+50	29-14-37	"
+75	34-01-06	"
40+00	38-47-35	"
+25	43-34-04	"
+50	48-20-32	"
+75	53-07-01	"
E.C. 40+97.18	57-21-10	22.1[illegible]

Cont. from top Pg 14

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

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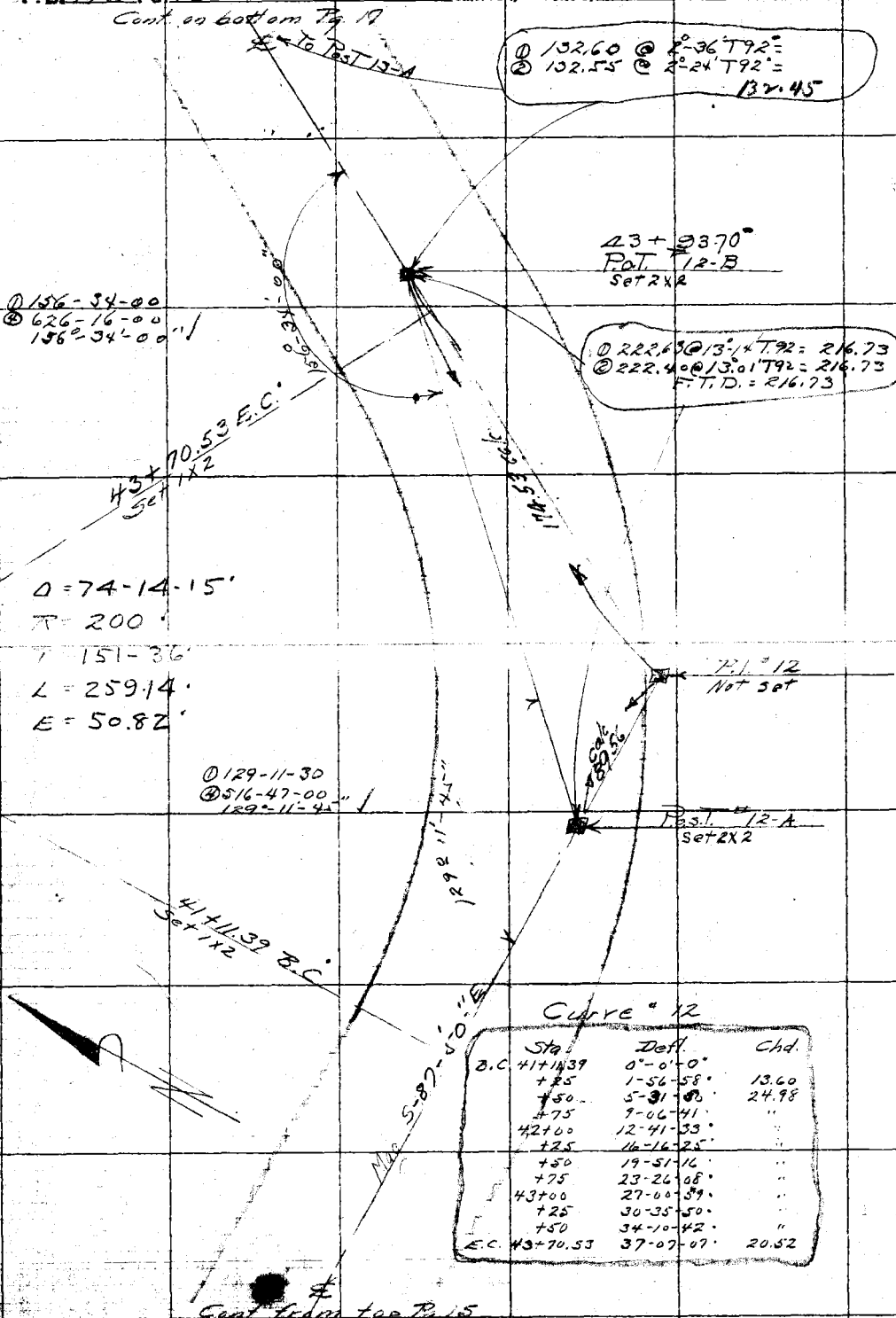
F. B. 416 Pg 16 Chief Party Notes by Fenner Date 8-29-29

Cont. on bottom Pg. 17



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LOS ANGELES COUNTY SURVEYOR

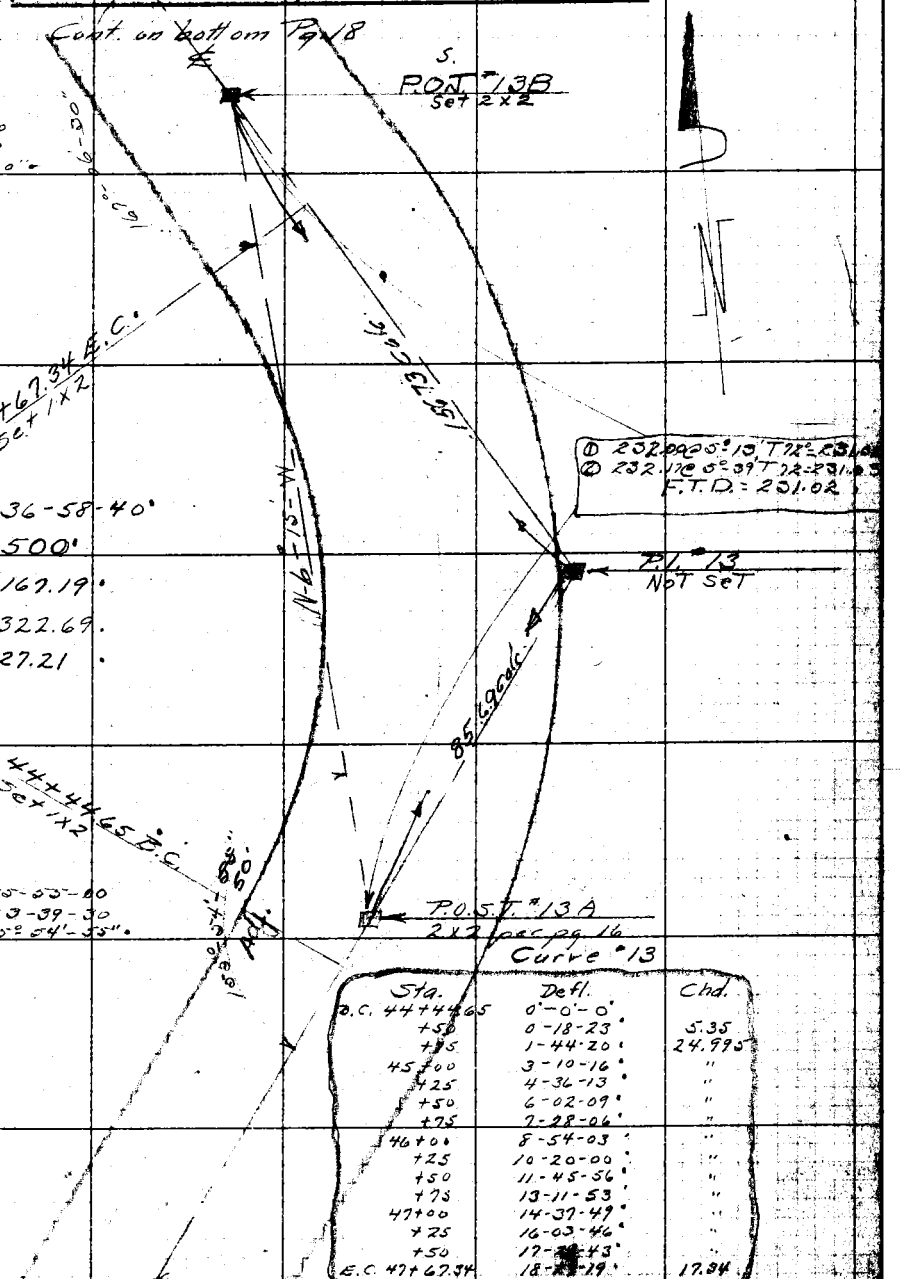
Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE ON CIRCLER IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 9-5-29 Notes by Renner Chief Party Hellstrom F.B. 416 Pg. 17

Plotted by H. U. M. H.	W. O. No. 948 O. S. O. No. Ch. #8
Date NOV 21 1931	Location Cp. Bon.-Pr. Fk. Rd.
Map No. B. 471-1	Surveyed by Hellstrom
Plotting Ck'd by K.R.M.	Date 9-5-29
Date 1 NOV. 1931	Indexed A. C. Johnson

Cont. on bottom Pg. 18



Sta.	Defl.	Chd.
B.C. 44+44.65	0°-0'-0"	
+50	0-18-23	5.35
+75	1-44-20	24.995
45+00	3-10-16	"
+25	4-36-13	"
+50	6-02-09	"
+75	7-28-06	"
46+00	8-54-03	"
+25	10-20-00	"
+50	11-45-56	"
+75	13-11-53	"
47+00	14-37-49	"
+25	16-03-46	"
+50	17-[illegible]-43	"
E.C. 47+67.34	18-[illegible]-19	17.34

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

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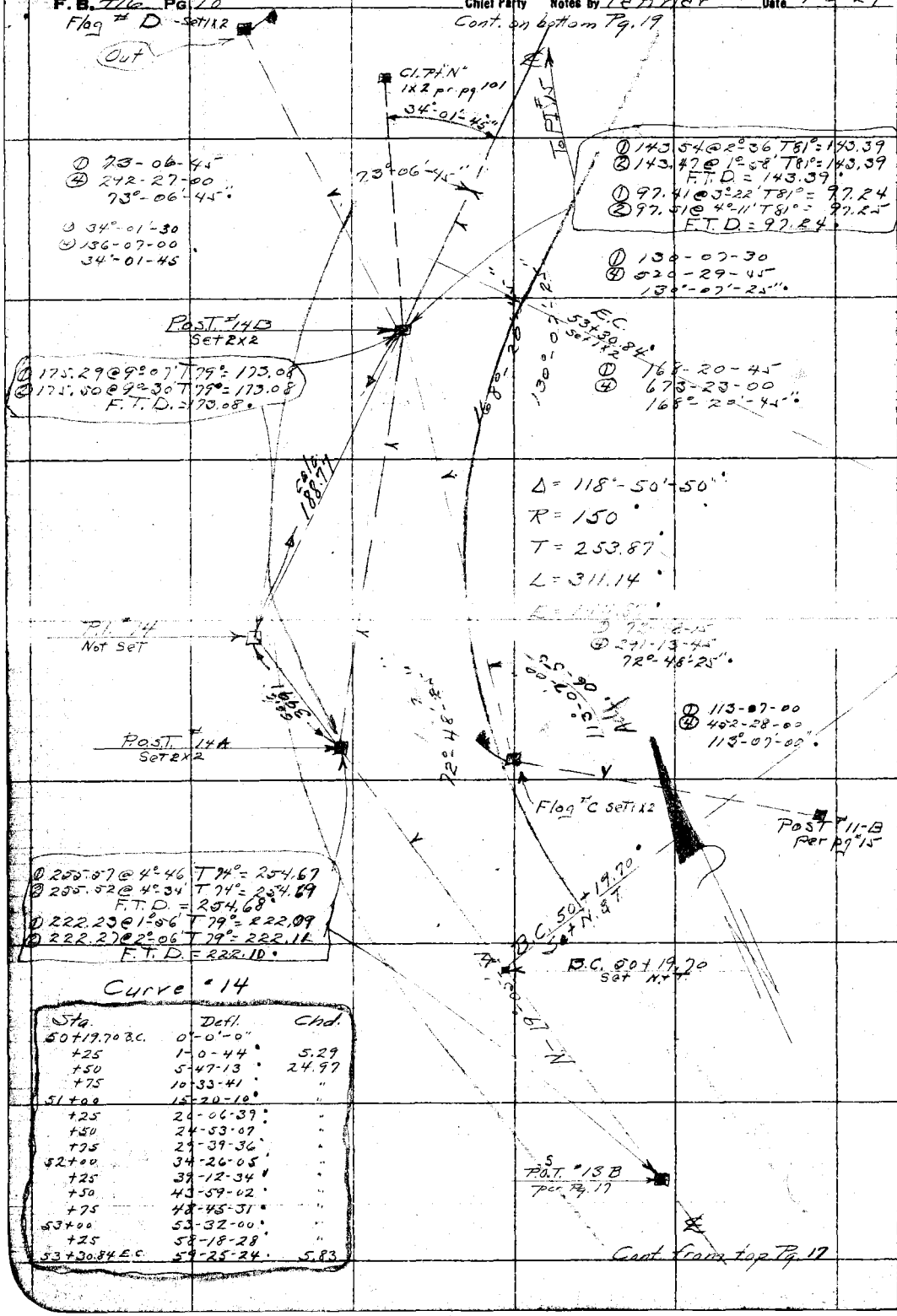
F.B. 416 Pg. 18 Chief Party Notes by Fenner Date 9-5-29

Cont. on bottom Pg. 19



Curve #14

Sta.	Defl.	Chd.
50+19.70 B.C.	0°-0'-0"	
+25	1-0-44	5.29
+50	5-47-13	24.97
+75	10-33-41	"
51+00	15-20-10	"
+25	20-06-39	"
+50	24-53-07	"
+75	29-39-36	"
52+00	34-26-05	"
+25	39-12-34	"
+50	43-59-02	"
+75	48-45-31	"
53+00	53-32-00	"
+25	58-18-28	"
53+30.84 E.C.	59-25-24	5.83

Cont. from top Pg. 17

RETURN TO LOS ANGELES COUNTY SURVEYOR

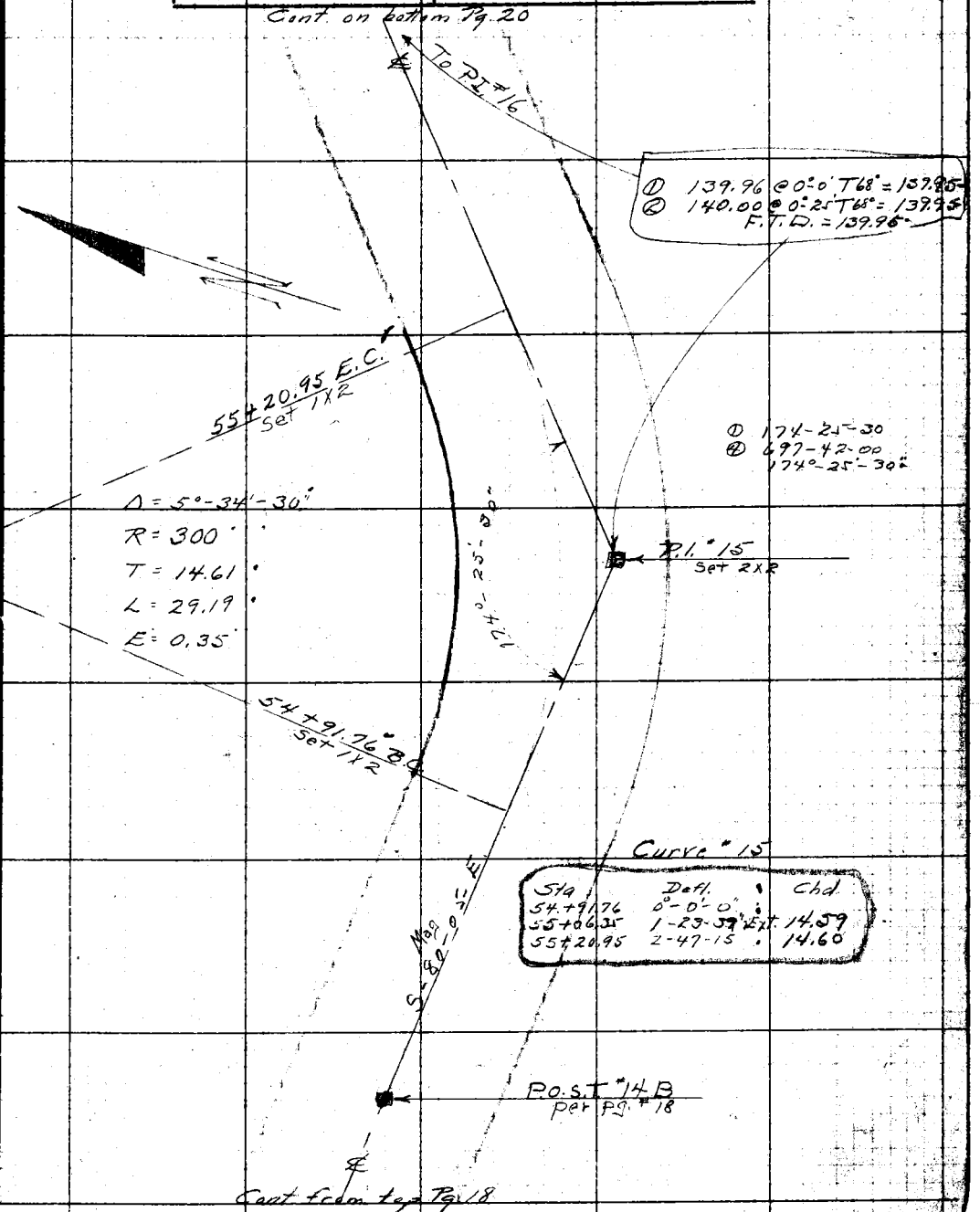
Do not extend notes this side of this line

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

Date 9-7-29 Notes by Fenner Chief Party F.B. 416 Pg. 19

Plotted by H.U.M.H.	W.O. No. 948 D.S.O. No.
Date NOV 21 1931	Location Cp Bon-Pr Fk Rd
Map No. B-471-1	Surveyed by Hellstrom
Plotting C'k'd by K.R.M.	Date 9-7-29
Date Nov. 1931	Indexed A. C. Johnson

Cont. on bottom Pg. 20



Cont from top Pg. 18

Notes ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

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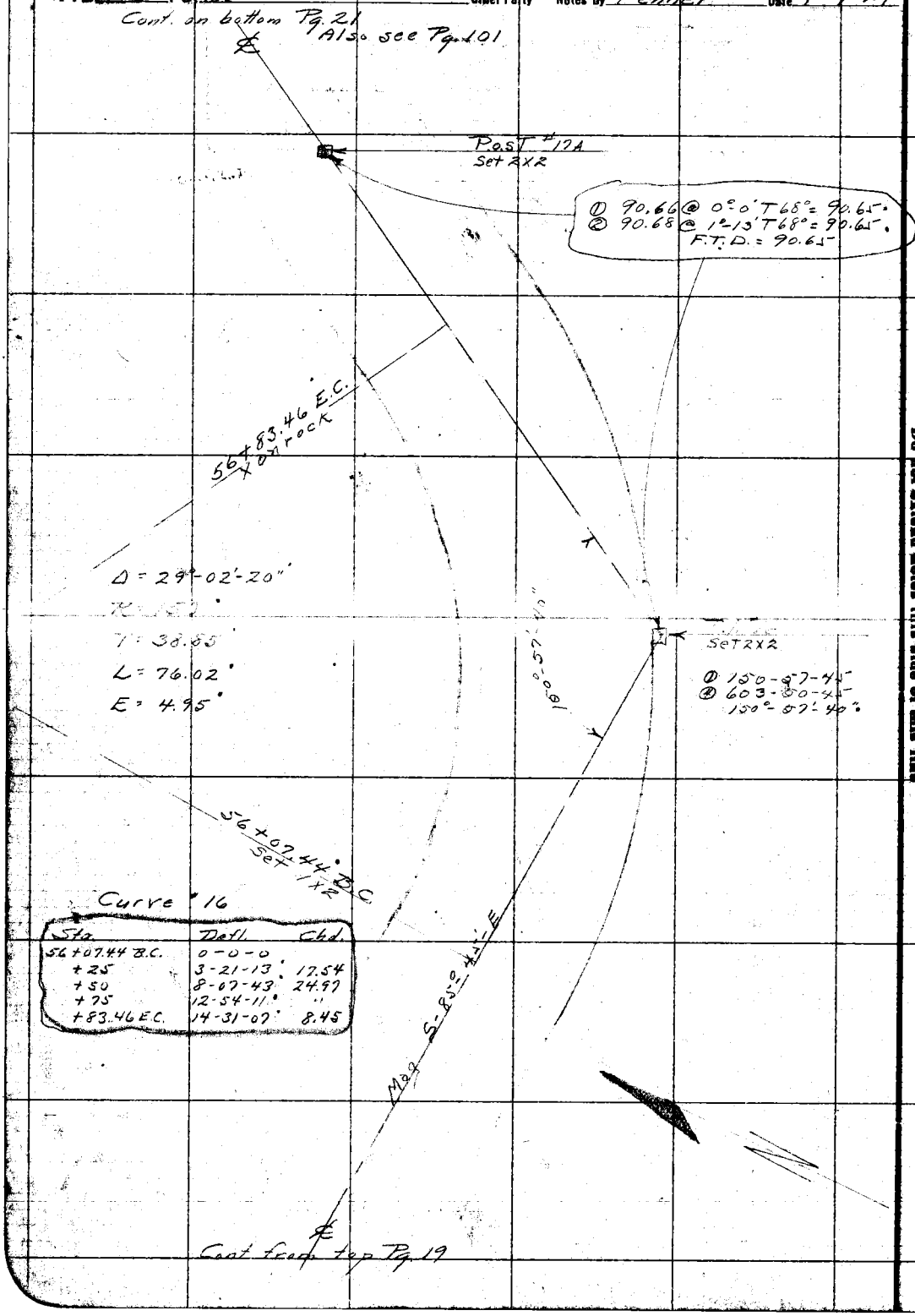
F.B. 416 Pg. 20 Chief Party Notes by Fenner Date 9-7-29

Cont. on bottom Pg. 21
Also see Pg. 101



Curve #16

Sta.	Defl.	Chd.
56+07.44 B.C.	0-0-0	
+25	3-21-13	17.54
+50	8-07-43	24.97
+75	12-54-11	"
+83.46 E.C.	14-31-07	8.45

Cont. from top Pg. 19

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line.
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date _____ Notes by _____ Chief Party _____ F.B. 416 Pg. 21

Planted by H. U. M. H.	W. O. No. 948 S. S. O. No.
Date NOV 21 1931	Location Cp Bon - Pr Fx Rd
Map No. B. 471-1.	Surveyed by Hellstrom
Platting Ck'd by K. R. McP.	Date
Date ~~NOV 24 1931~~	Indexed A. C. Johnson

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

Do not extend notes this side of this line

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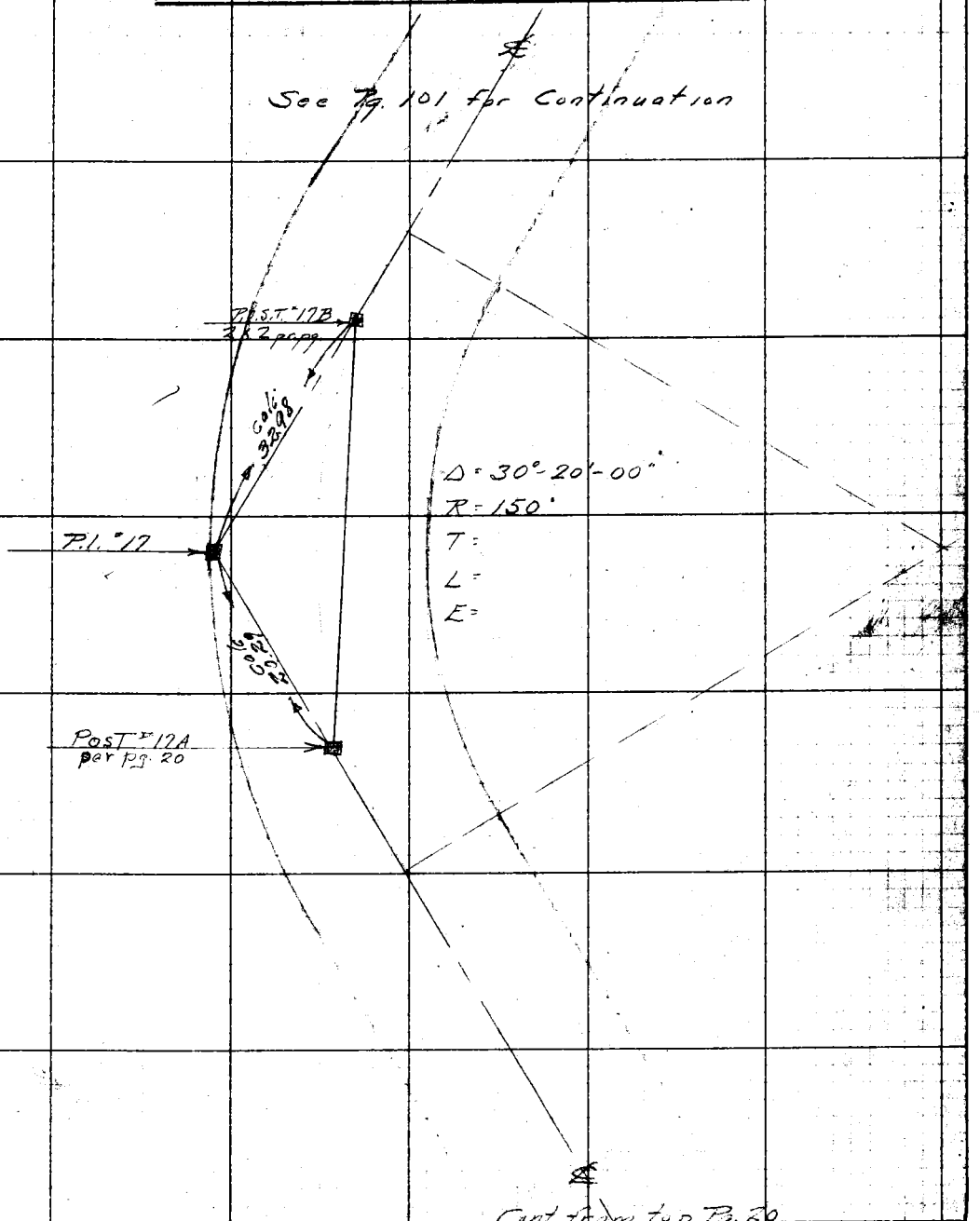

F. B. 416 Pg 22 Chief Party Notes by Date

RETURN TO
LOS ANGELES COUNTY SURVEYOR

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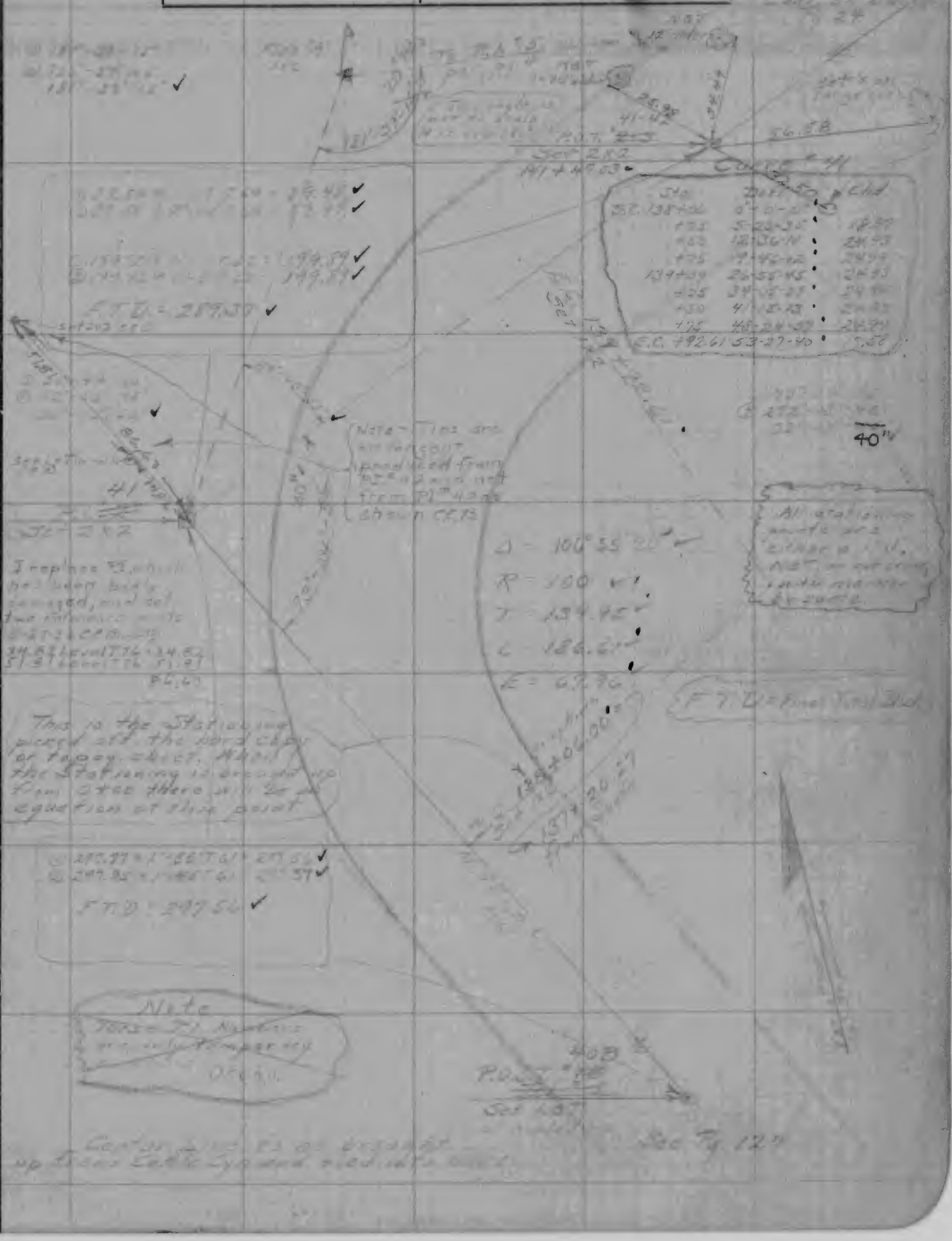
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date [illegible] Notes by [illegible] Chief Party F. B. 416 Pg. 23

Platted by H. U. M.	W. O. No. [illegible] D. S. O. No. [illegible]
Date NOV 21 1931	Location [illegible]
Map No. B-471-1	Surveyed by [illegible]
Platting C'k'd by K. O. McP.	Date
Date NOV 2[illegible] 1931	Indexed A. C. Johnson

300' Tape #19
Standard @ 84°



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

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 24 Chief Party Notes by [illegible] Date [illegible]

Cont on Bottom Pg. 25

[illegible] T 52 = 284.36 ✓
[illegible] T 52 = 284.36 ✓
[illegible] 70.82 ✓
[illegible] T 53 = 70.82 ✓
[illegible] 41.29 ✓
[illegible] 41.29 ✓
F.T.D = 396.46 ✓

149 + 14.62 E.C.
Set 1 x 2

Curve #42

Sta.	Defl.	Chd.
B.C. 145+14.80	0°-0'-0"	
+25	0-36-55	10.20
+50	2-07-23	24.997
+75	3-37-51	"
146+00	5-08-19	"
+25	6-38-47	"
+50	8-09-15	"
+75	9-39-43	"
147+00	11-10-11	"
+25	12-40-39	"
+50	14-11-07	"
+75	15-41-35	"
148+00	17-12-03	"
+25	18-42-31	"
+50	20-12-59	"
+75	21-43-27	"
149+00	23-13-55	"
E.C. +14.62	24-06-50	14.62

Δ = 48°-13'-40"
R = 475
T = 212.62
L = 399.82
E = 45.41

42
P.I. #
Set 2 x 2

[illegible] 186.85 ✓
[illegible] 186.85 ✓
F.T.D 186.86 ✓

42A
P.O.S.T. #
Set 2 x 2

145 + 14.80
Set 1 x 2
E.C.

[illegible] T 40 = 298.31 ✓
[illegible] T 40 = 298.31 ✓
[illegible] T 40 = 94.74 ✓
[illegible] T 40 = 94.74 ✓
F.T.D = 393.53 ✓

P.O.T. #
Set 2 x 2
[illegible]
141 + 47.03

Cont from Pg. 23

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line

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

Date Notes by Chief Party F.B. 416 PG 25

Platted by H. U. M. H.	W. O. No. D. S. O. No.
Date NOV 21 1931	Location
Map No. B-471-1	Surveyed by
Platting C'k'd by K. R. McP.	Date
Date	Indexed A. C Johnson

300' Tape #19
Standard @ 84°

Cont on bottom Pg 26

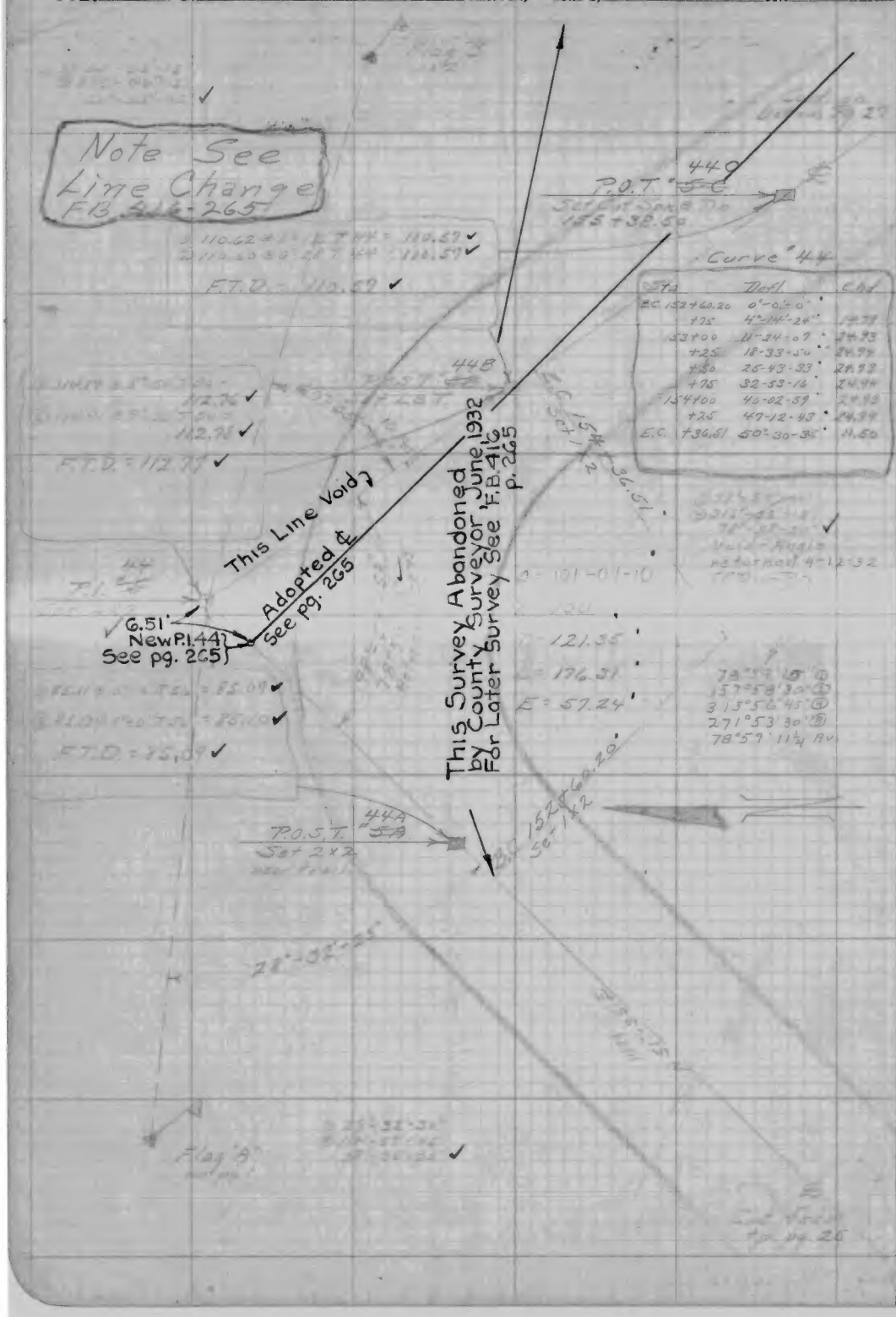
Cont from Pg 24

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

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 26 Chief Party Notes by [illegible] Date [illegible]



RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red.** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date _____ Notes by _____ Chief Party _____ F.B. 416 Pg 27

Plotted by H. U. M. H.	W. O. No. 948 D. S. O. No.
Date NOV 21 1931	Location Co. Rd. Pt. Fr. Rd
Map No. B.471-1	Surveyed by Hallstrom
Platting C'k'd by K. R. McP.	Date
Date NOV 22 1931	Indexed A. C. Johnson

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

Curve #45 Cont. on bottom Pg #24

Sta	Defl.	Chd
P.C. 156+71.17	0°-0'-0"	—
+75	1-05-50	3.83
157+00	8-15-33	24.93
+25	15-25-16	24.94
+50	22-34-59	24.93
+75	29-44-42	24.94
158+00	36-54-24	24.93
P.C. +15.77	41-25-27½	15.75

E.T.D. - Tno. Total Distance

@ 244.31 @ 0°-46 T = 244.25 ✓
@ 244.32 @ 1°-33 T = 244.29 ✓
@ 249.95 @ 2°-09 T = 249.51 ✓
@ 249.53 @ 2°-42 T = 249.45 ✓
E.T.D. = 492.77 ✓

158+15.77
Set 1x2

Vain - Angle returned
4-12-32 CEB
144°15'45" ①
67°-21'45" ②
114°15'30" ③
104°15'41½" Bu.

P.C.S.T. 45-3
Cor. Set

New P.I. 45
See pg. 266
(calc)
10.27
28.20

P.I. 45
Not Set

This Line Void

Δ = 82°-50'-55"
R = 100.
T = 88.24'
L = 144.60'
E = 33.36'

@ 226.54 @ 3°-09 T 46 = 226.45 ✓
@ 226.51 @ 3°-53 T 98 = 226.17 ✓
E.T.D. = 226.16 ✓

56+71.17
Set Nail

Adopted ℄
See pg. 266

220.91
(calc)

Note See Line Change E.B. 416-266

P.C.S.T. 49
Cor. Set Spike Tag
per Pg 4

155+38.50

@ 172°-53'-34"
@ 691°-34'-15"
172°-53'-35" ✓

Vain - Angle returned 4-12-32 CEB
172°52'45" ①
331°31'00" ②
332°42'00" ③
172°52'45" Bu.

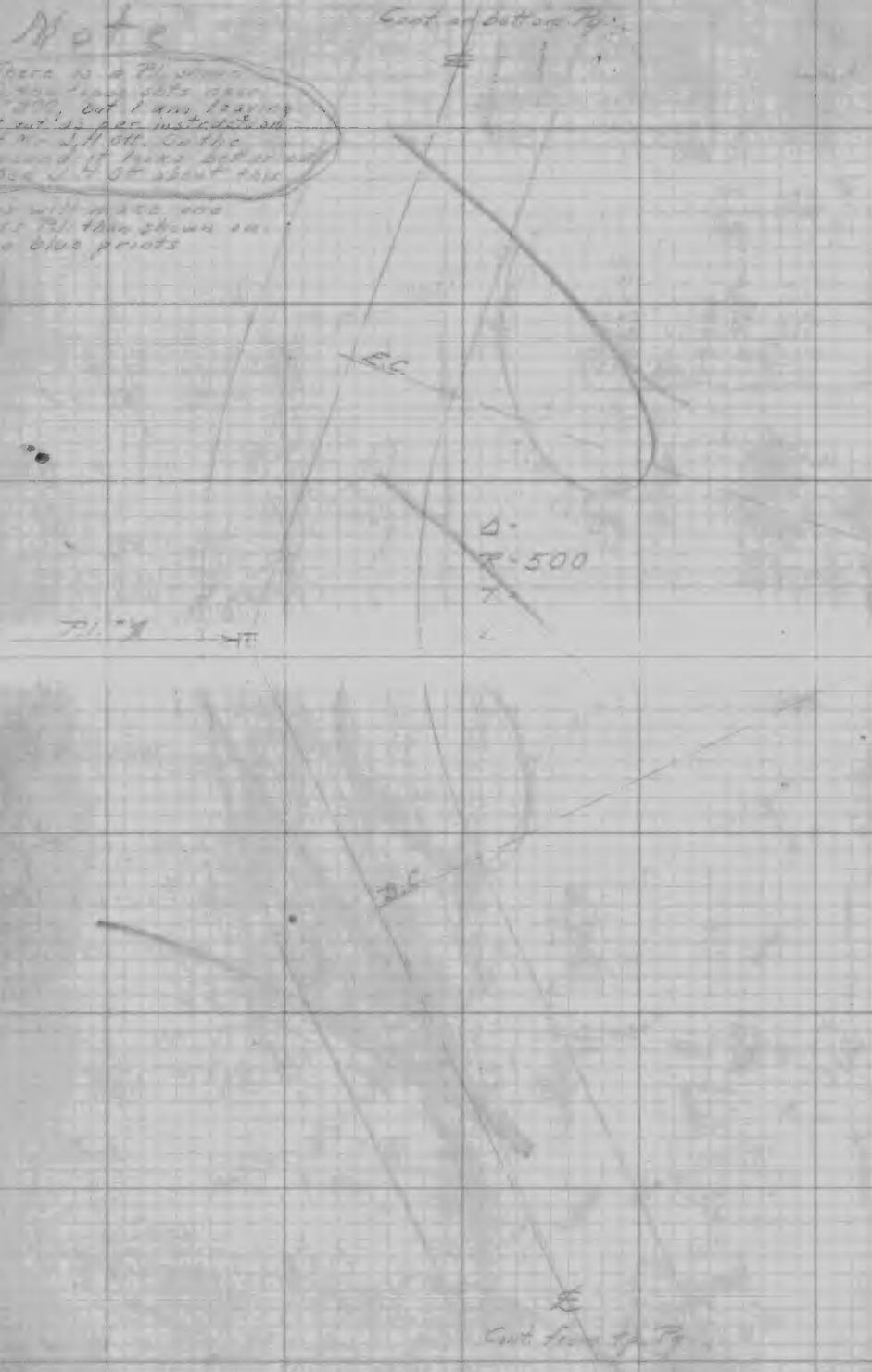
Cont from top Pg. 26

F.B. 416 Pg. 28 Chief Party Notes by Hellstrom Date

Note

There is a Pl. shown in the [illegible] shts near [illegible], but I am leaving it out as per instruction of Mr. J.H. Ott. On the ground it looks better and See J.H. Ott about this

This will make one less Pl. than shown on the blue prints



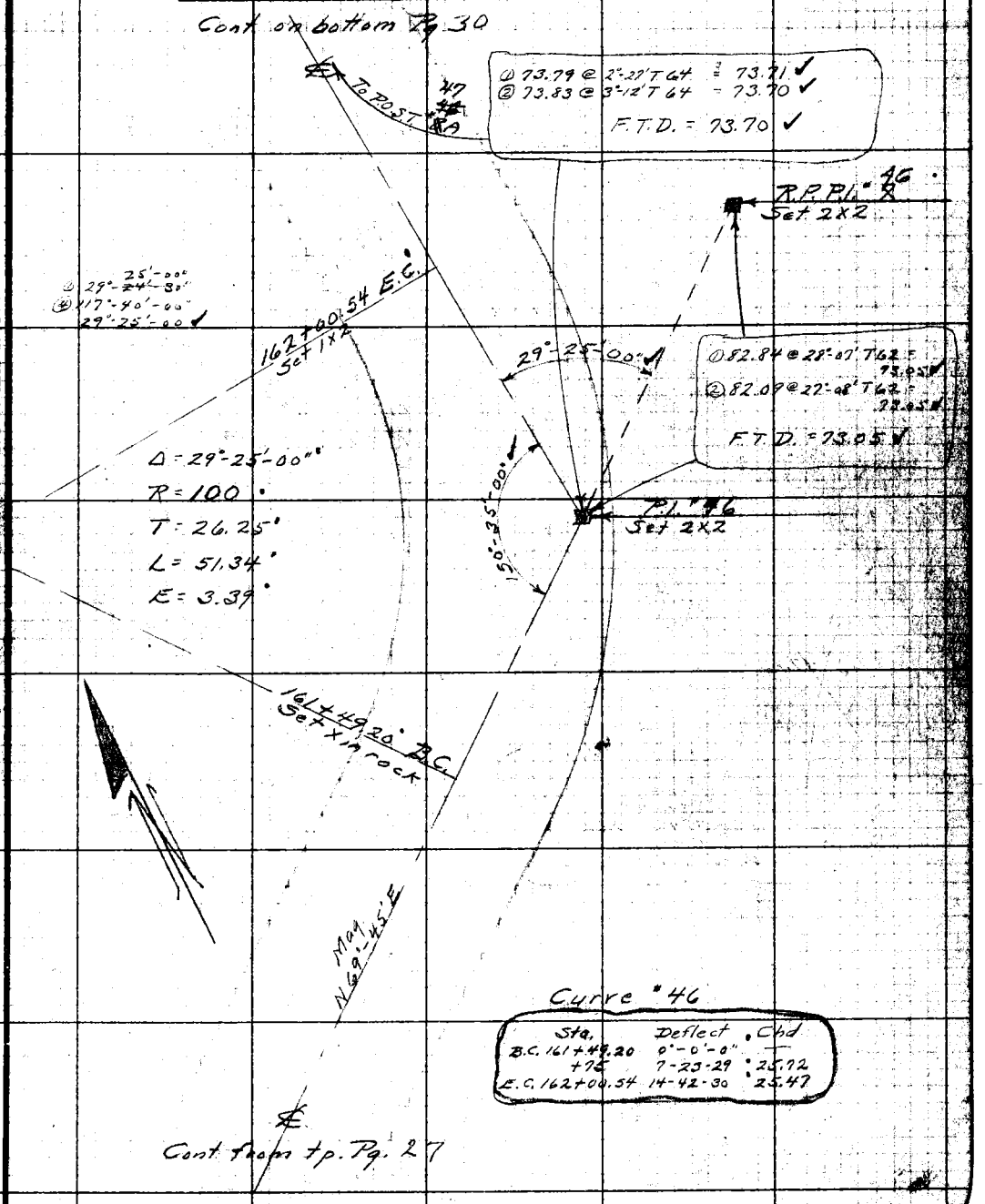
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 1-23-30 Notes by Hellstrom Chief Party F.B. 416 Pg 29

Plotted by H.U.M.H.	W.O. No. 948 Tape No. #8 ← Tape
Date NOV 21 1931	Location Cp. Bon Pr. Fk Rd.
Map No. B.471-1	Surveyed by Hellstrom
Plotting Ck'd by K.R. [illegible]	Date 1-23-30
Date NOV 2[illegible] 1931	Indexed A. C. Johnson



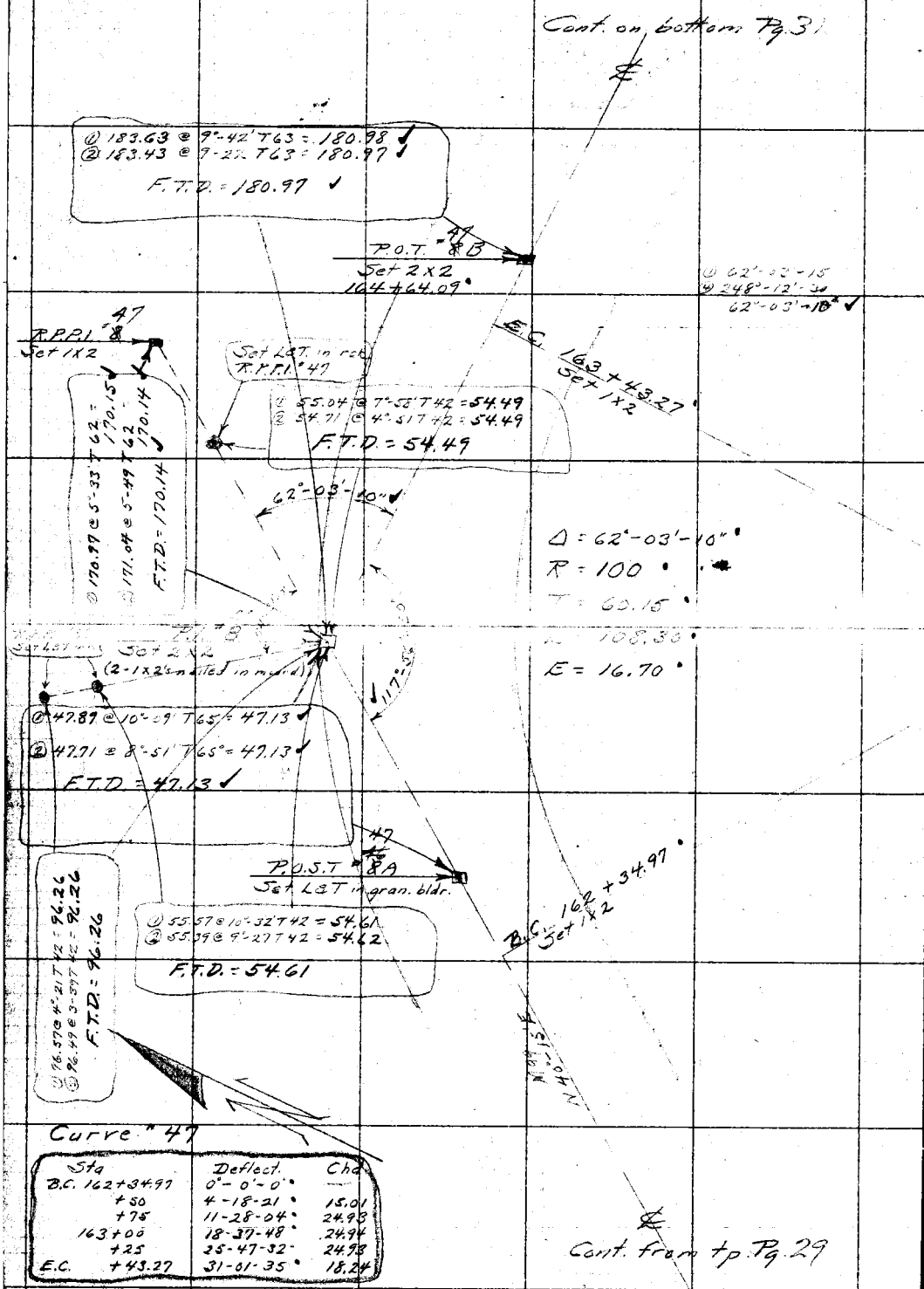
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 30 Chief Party Notes by Hellstrom Date 1-23-30

Cont. on bottom Pg. 31



Curve #47

Sta	Deflect.	Chd
B.C. 162+34.97	0°-0'-0"	—
+50	4-18-21	15.01
+75	11-28-04	24.93
163+00	18-37-48	24.94
+25	25-47-32	24.93
E.C. +43.27	31-01-35	18.24

Cont. from tp. Pg. 29

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line.
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

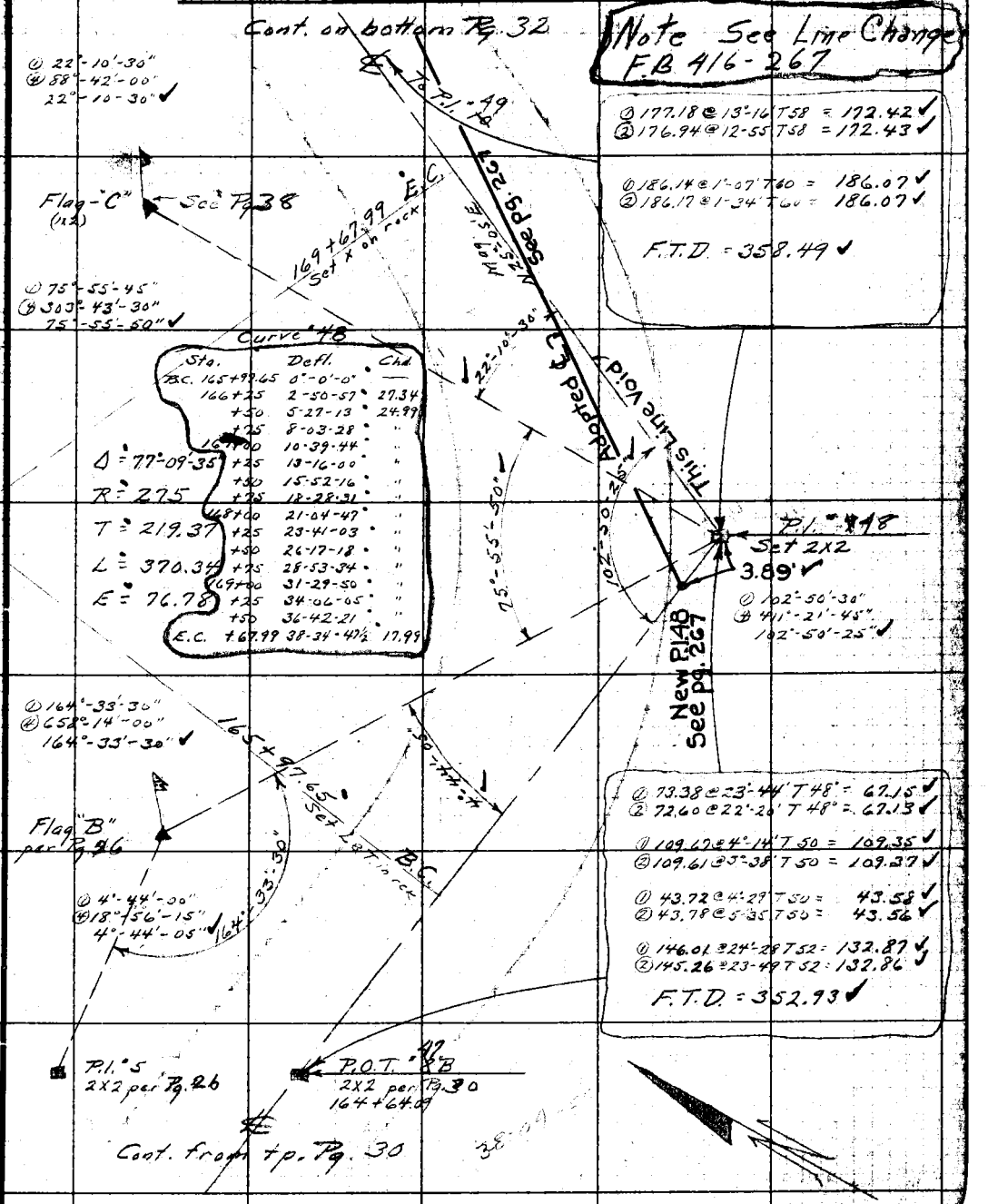
Date 1-23-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 31

Platted by H.U.M.H.	W.O. No. 948 Tree No. #8
Date NOV 21 1931	Location Cp. Bon. Pr. Fk. Rd.
Map No. B-471-1	Surveyed by Hellstrom
Platting Ck'd by K.R. McP.	Date 1-23-30
Date NOV 22 1931	Indexed A. C. Johnson

Note: ANY ADDITIONS OR CHANGES OR THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

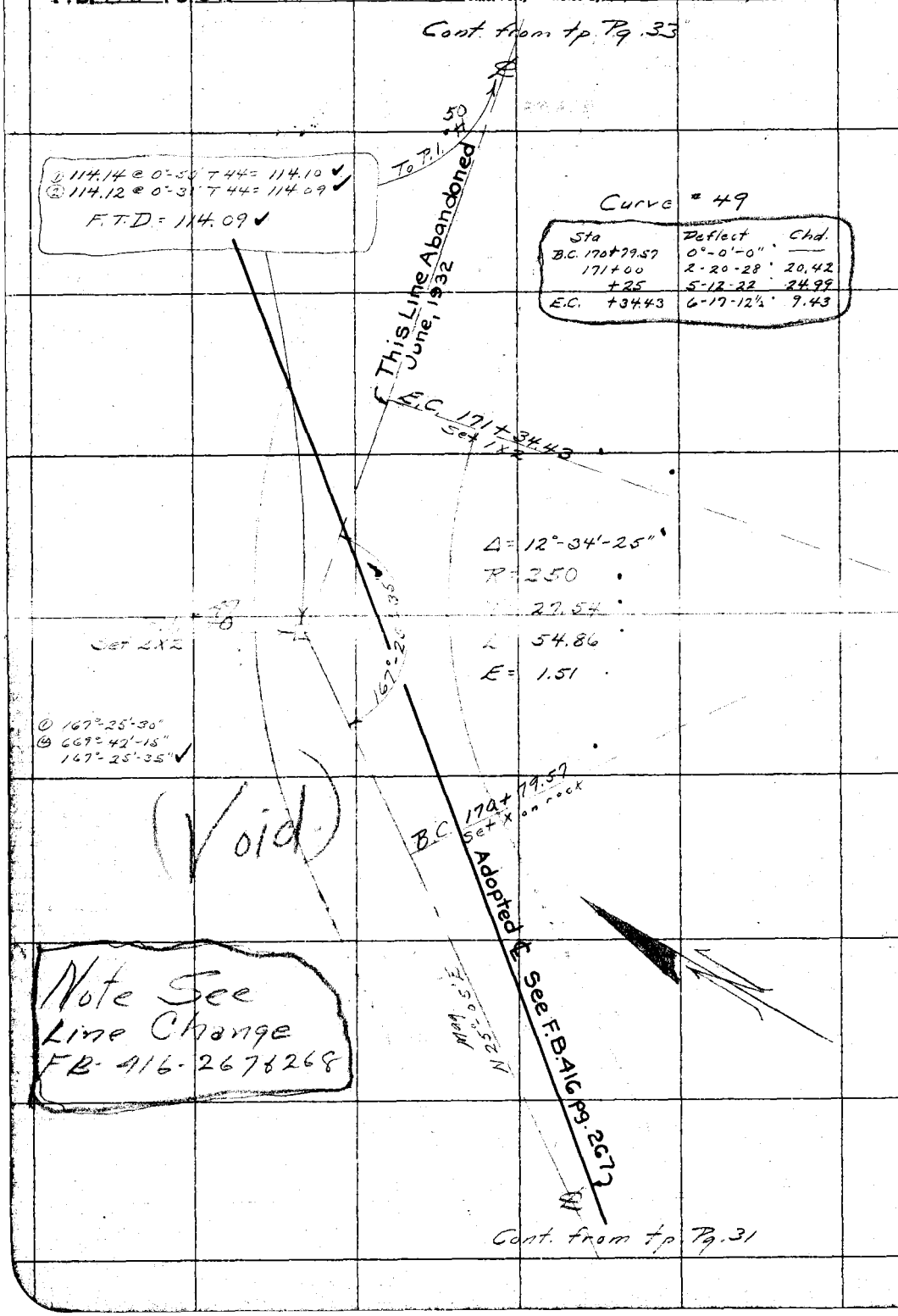
Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR



F.B. 416 Pg. 32 Chief Party Notes by Hellstrom Date 1-28-30

Cont. from tp. Pg. 33



Curve # 49

Sta	Deflect	Chd.
B.C. 170+79.57	0°-0'-0"	—
171+00	2-20-28	20.42
+25	5-12-22	24.99
E.C. +34.43	6-17-12½	9.43

Note See Line Change FB-416-2678268

Cont. from tp. Pg. 31

RETURN TO LOS ANGELES COUNTY SURVEYOR

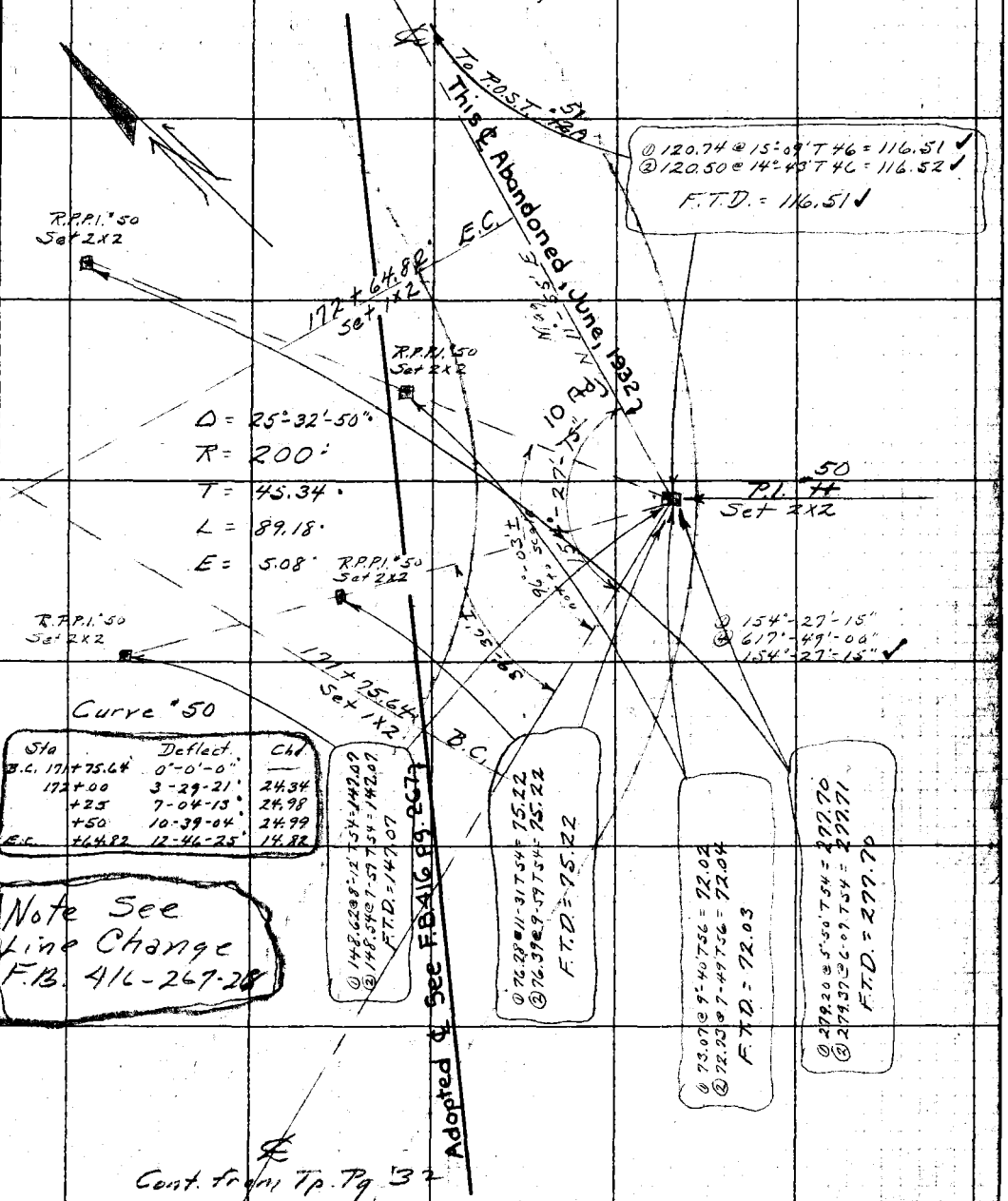
Do not extend notes this side of this line

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

Date 1-29-30 Notes by Hellstrom Chief Party _____ F.B. 416 Pg 33

Platted by H. U. M. H.	W. O. No. 948 ~~S.S.C. No.~~ tape #8
Date NOV 21 1931	Location Cp. Bon. Pr. Fk. Rd.
Map No. B-471-1	Surveyed by Hellstrom
Platting C'k'd by K. R. McW.	Date 1-29-30
Date NOV 22 1931	Indexed A. C. Johnson

Cont. on bottom Pg 34



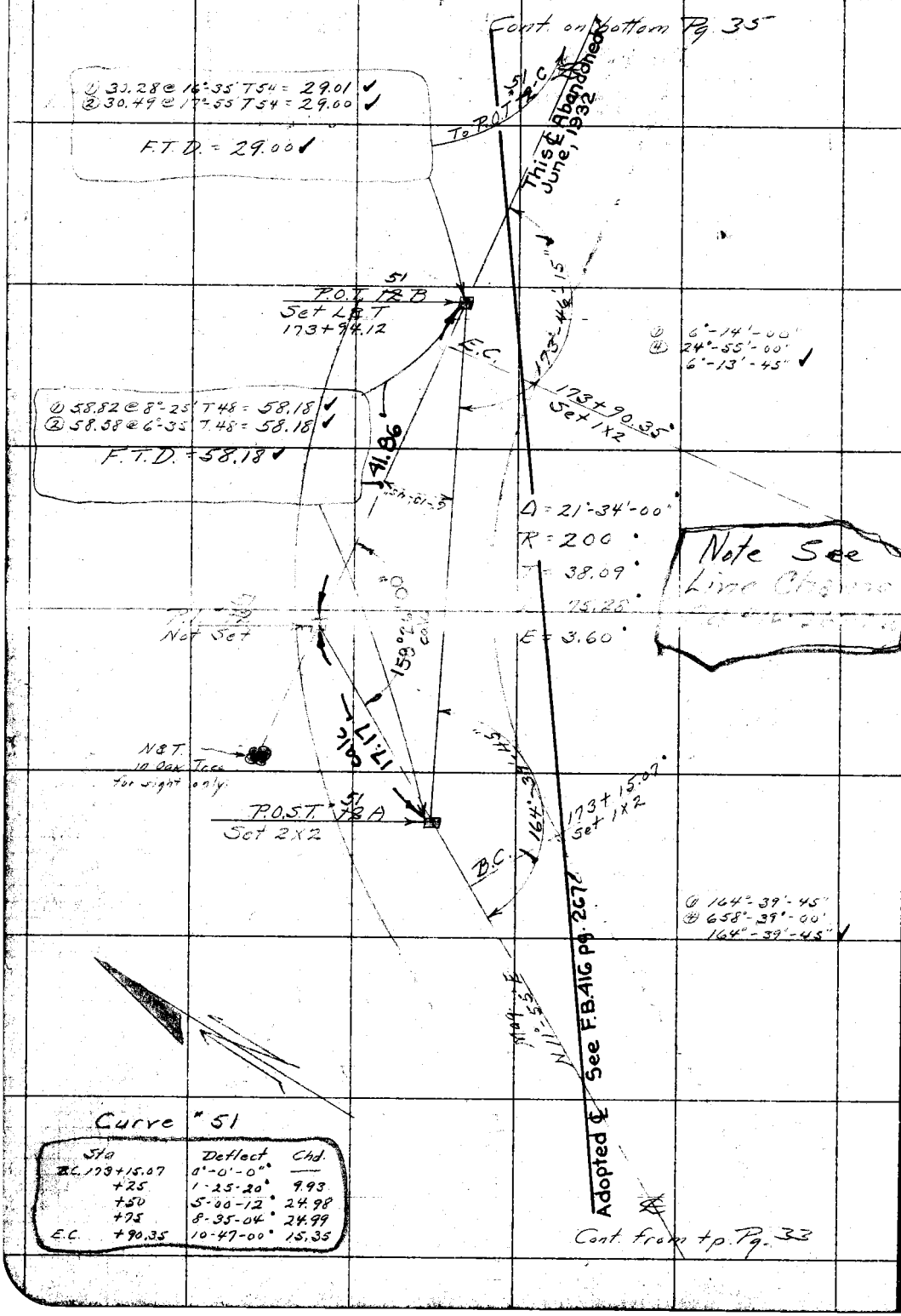
Cont. from Tp. Pg 32

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 34 Chief Party Notes by Hellstrom Date 1-29-30



Curve #51

Sta	Deflect	Chd.
B.C. 173+15.07	0°-0'-0"	—
+25	1-25-20°	9.93
+50	5-00-12°	24.98
+75	8-35-04°	24.99
E.C. +90.35	10-47-00°	15.35

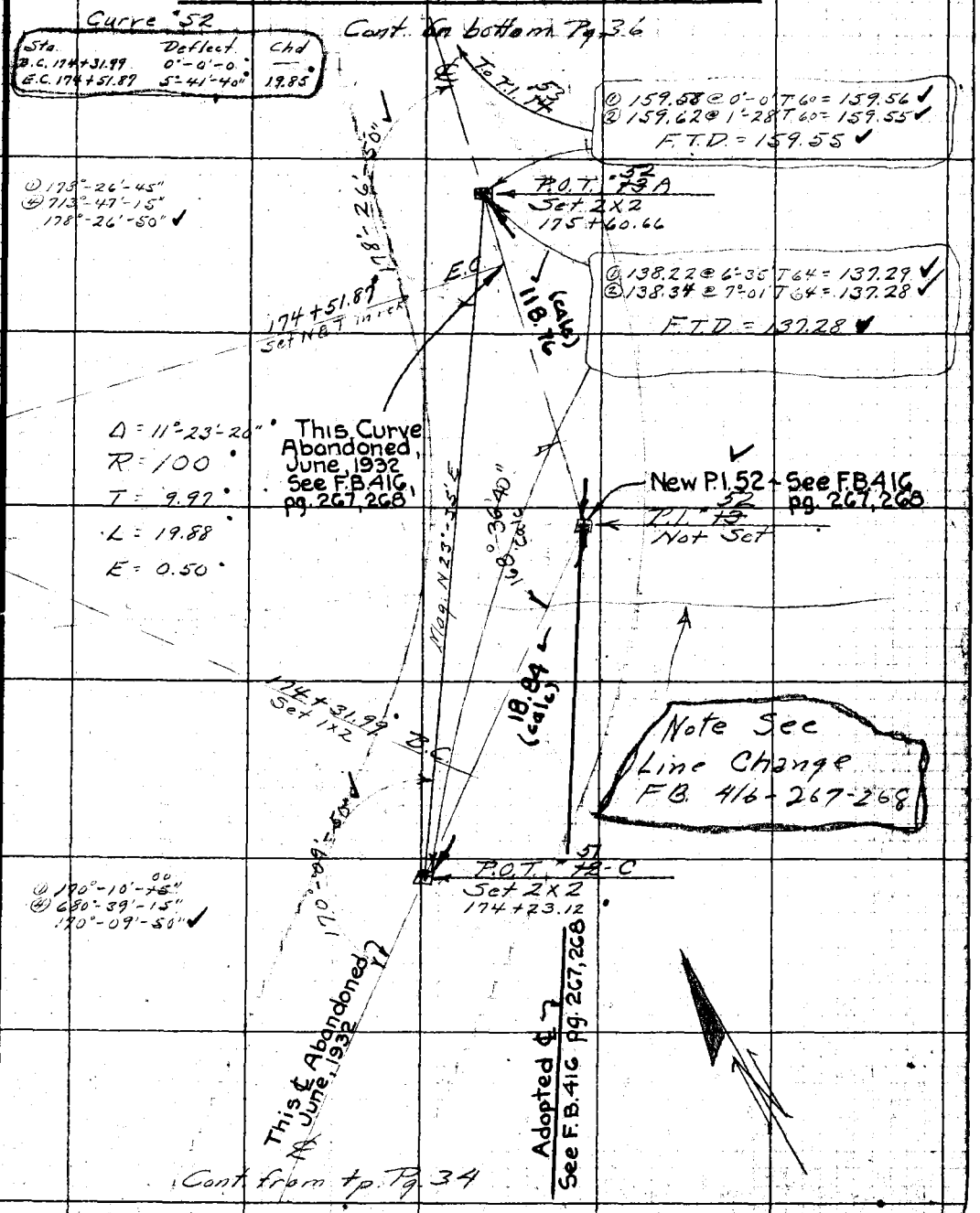
RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 1-29-30 Notes by Hellstrom Chief Party F.B. 416 Pg 35

Plotted by H. U. M. H.	W. O. No. 948 Page No. 8
Date NOV 21 1931	Location Cp. Bon Pr. Fx. Rd
Map No. B.471-1	Surveyed by Hellstrom
Plotting Ck'd by K. R. McP.	Date 1-29-30
Date NOV 26 1931	Indexed A. C. Johnson



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

Do not extend notes this side of this line

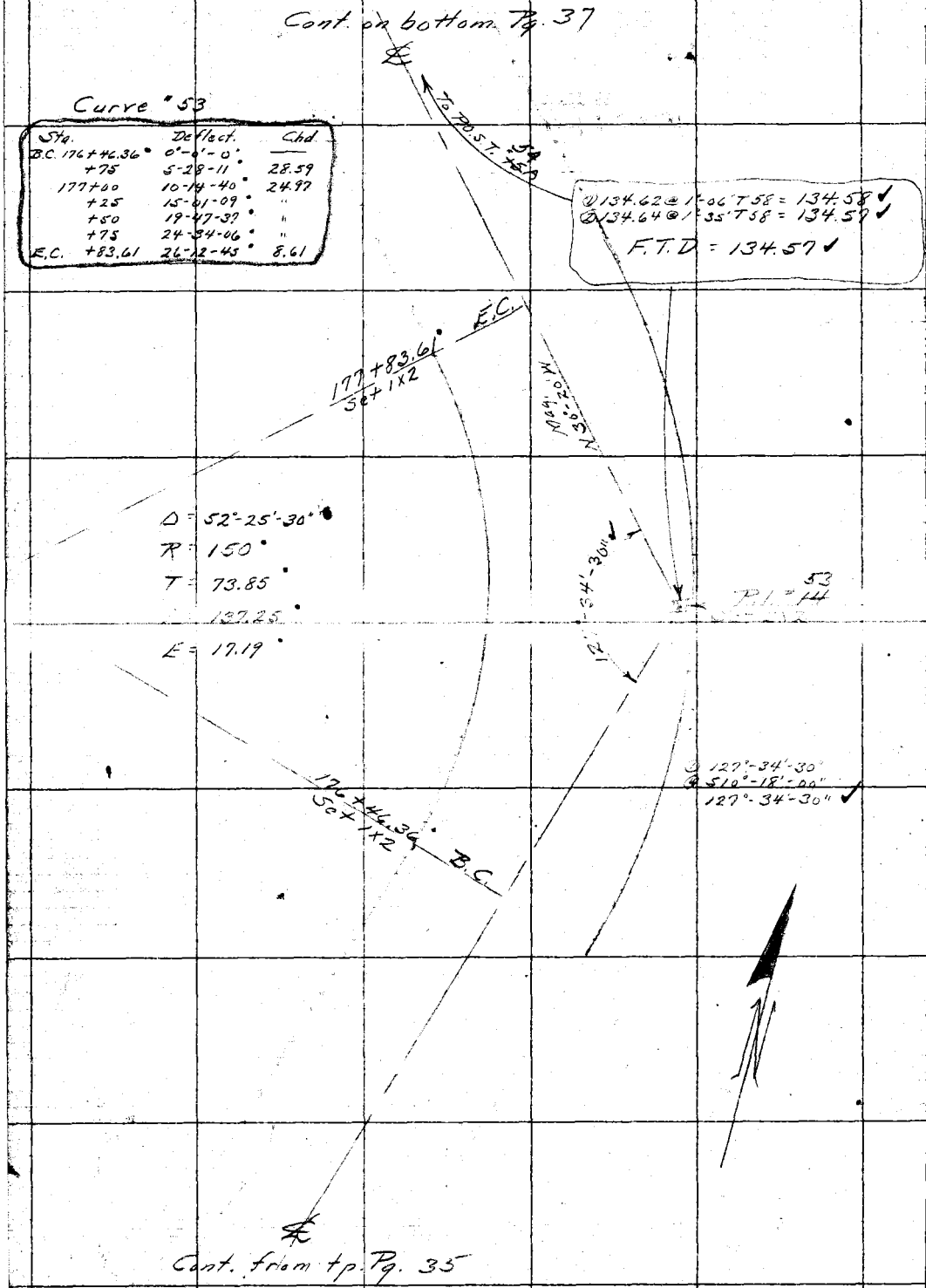
RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 36 Chief Party Notes by Hellstrom Date 1-27-30

Cont. on bottom Pg. 37

Curve #53

Sta.	Deflect.	Chd.
B.C. 176+46.36	0°-0'-0"	—
+75	5-28-11	28.59
177+00	10-14-40	24.97
+25	15-01-09	"
+50	19-47-37	"
+75	24-34-06	"
E.C. +83.61	26-12-45	8.61

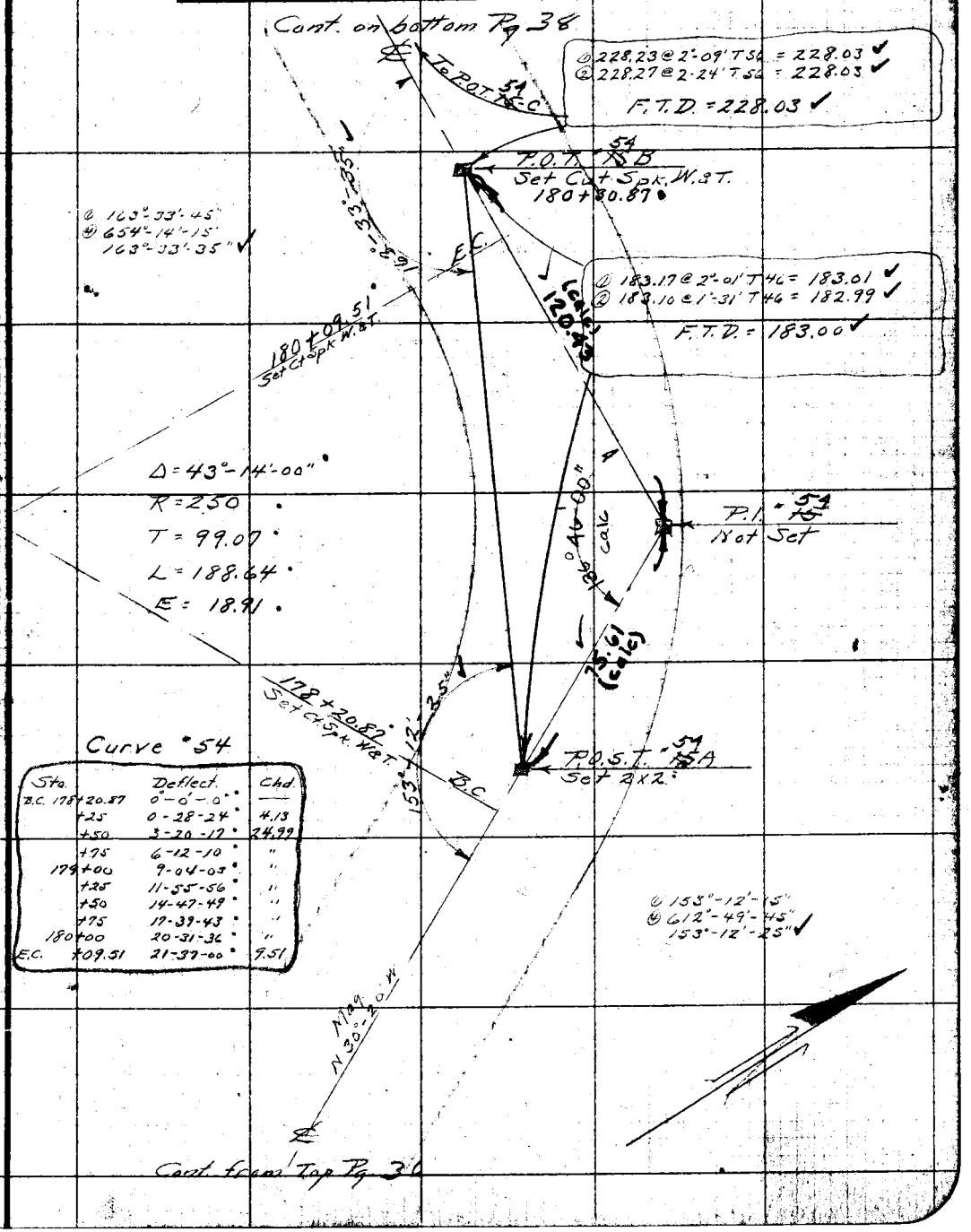


Cont. from tp. Pg. 35

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line.
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 1-30-30 Notes by Hellstrom Chief Party F.B. 416 Pg 37

Plotted by H.U.M.H.	W.O. No. 948 TBRS No. 8
Date NOV 21 1931	Location Cp. Bon Pr. Fk. Rd.
Map No. B.471-1	Surveyed by Hellstrom
Plotting C'k'd by K.R.McP.	Date 1-30-30
Date NOV 22 1931	Indexed A. C. Johnson



Curve #54

Sta.	Deflect.	Chd.
B.C. 178+20.87	0°-0'-0"	—
+25	0-28-24	4.13
+50	3-20-17	24.99
+75	6-12-10	"
179+00	9-04-03	"
+25	11-55-56	"
+50	14-47-49	"
+75	17-39-43	"
180+00	20-31-36	"
E.C. +09.51	21-37-00	9.51

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

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

F.B. 416 Pg. 38 Chief Party Notes by Hellstrom Date 1-30-30

Note Curve #55 is rendered void by new line as shown on Pg. 269 (Pg. 169)

See #3 Flag "D" 1x2

① 169.45 @ 0°-9' T68 = 169.43
② 169.49 @ 1°-21' T68 = 169.42
F.T.D. = 169.42

Cont. on bottom Pg. 39

① 250.21 @ 0°-57' T66 = 250.14 ✓
② 250.25 @ 1°-15' T66 = 250.16 ✓
F.T.D. 250.15

① 106.76 @ 6°-0' T68 = 106.16
② 106.59 @ 5°-03' T68 = 106.17
F.T.D. = 106.16

Nail

To Nail ~~56~~ ~~To Nail 19~~

Curve #55

Sta.	Deflect.	Chd
B.C. 183+18.44	0°-0'-0"	
+25	1-15-10	6.56
+50	6-01-39	24.97
+75	10-48-09	"
184+00	15-34-36	"
+25	20-21-05	"
+50	25-07-33	"
+75	29-54-02	"
185+00	34-40-31	"
+25	39-27-00	"
+50	44-13-28	"
+75	48-59-57	"
186+00	53-44-26	"
+25	58-32-54	"
E.C. +53.03	63-54-05	27.99

VOID

R.P. POST "55B" Set 2x2

R.P. POST "55B" Set L&T in rock

This ℄ Abandoned June, 1932

See C.S. B-471-4 and F.B. 416-269

P.O.S.T. "55" Set L&T in boulder

Calc. R/W

E.C.

162°-44'-25"

186+53.03 Set 1x2

① 162°-44'-30"
② 250°-57'-20"
162°-44'-25" ✓

① 182.54 @ 0°-49' T66 = 182.50 ✓
② 182.56 @ 1°-16' T66 = 182.50 ✓
F.T.D. = 182.50 ✓

216.29 (calc)

① 121.57 @ 2°-33' T68 = 121.44
② 121.52 @ 2°-01' T68 = 121.43
F.T.D. = 121.43

R.P. POST "55B" Set 2x2 on line

Δ = 127°-48'-10"

New P.I. 55 See F.B. 416-269

4.01'

306.21

L = 334.59
E = 190.97

① 8°-13'-30"
② 32°-53'-15"
8°-13'-20" ✓

68.53 (calc)

① 69°-27'-30"
② 277°-49'-45"
69°-27'-25" ✓

P.O.S.T. "56A" Set L&T in rock

Void - See Pg. 269

① 113°-26'-45"
② 453°-46'-45"
113°-26'-40" ✓

① 35°-45'-03"
② 143°-03'-45"
35°-45'-55"

① 298.03 @ 4°-04' T60 = 297.23 ✓
② 297.90 @ 3°-46' T60 = 297.21 ✓
F.T.D. = 297.22 ✓

P.C. 182+44.44 Set 1x2

P.O.T. "57-C" Set 2x2 182+58.90

Cont. from Top Pg. 37

139°-29'-10"

Flag "C" per pg. 31

① 139°-29'-15"
② 557°-56'-45"
139°-29'-10" ✓

220°-30'-50" closing 429.10

P.I. "58" per Pg. 31

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 1-30-30 Notes by Hellstrom Chief Party F.B. 416 Pg 39

Platted by H. U. M. H.	W. O. No. 948 Tape B.S.C. No. #8
Date NOV 21 1931	Location Cp. Bon Pr. Fk. Rd.
Map No. B.471-1	Surveyed by Hellstrom
Platting C'k'd by K. R. McIs.	Date 1-30-30
Date NOV 22 1931	Indexed A. C. Johnson

Hellstrom
McCarver
Mannion
Showaker
Wilce

Cont. on bottom Pg. 40

Curve #56

Stn	Deflect.	Chd.
B.C. 188+58.08	0°-0'-0"	—
+75	0-52-53	16.92
189+00	2-11-01	24.998
+25	3-29-09	"
+50	4-47-16	"
+75	6-05-24	"
E.C. +86.66	6-41-50	11.66

① 90.50 @ 5°-43' T 50 = 90.03 ✓
② 90.63 @ 6°-28' T 50 = 90.03 ✓

F.T.D = 90.03 ✓

E.C. 189+86.66 Set 1x2

N&T. in 6" Alder

35.98

P.I. #56 Set L&T in lg. rock

31.29

N&T. in 24" Oak

166°-36'-75" 20" Adj

Δ = 13°-23'-40"
R = 550
T = 64.58
L = 128.58
E = 3.78

Δ 166°-36'-00"
⊕ 666°-25'-00"
166°-36'-15" ✓

Note - This Pg. Void - See Pgs. 169 and 170
C.E. Brunty

B.C. 188+58.08 Set 1x2

back to nail
① 109.51 @ 2°-26' T 50 = 109.39 ✓
② 109.46 @ 1°-37' T 50 = 109.40 ✓

F.T.D. 109.40

Nail pr. pg. 38

This ℄ Abandoned

Calc. R/W. ℄ See C.S. B-471-4 and F.B. 416-269

Cont. from Top Pg. 38

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

Do not extend notes this side of this line

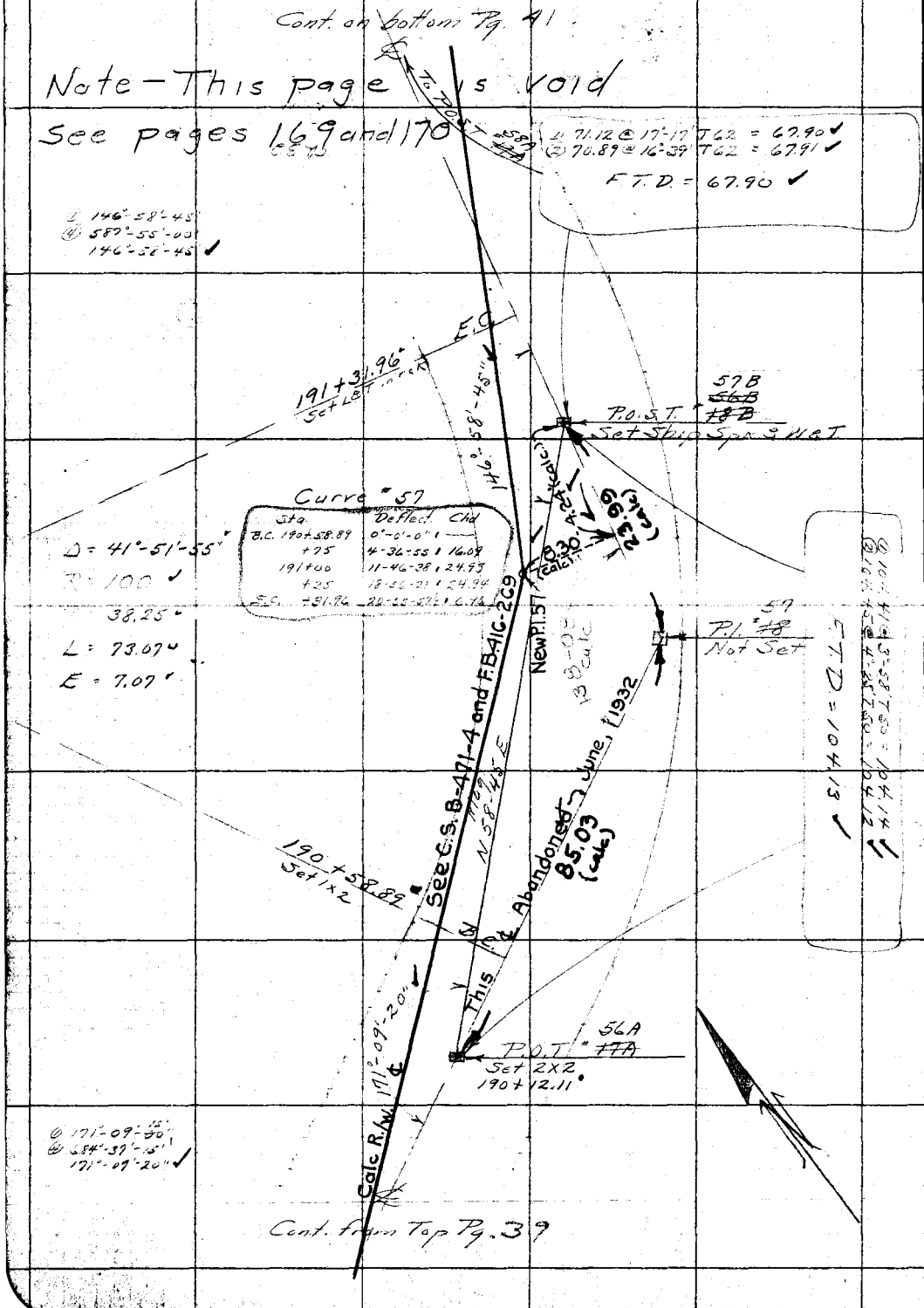
RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 40 Chief Party Notes by Hellstrom Date 2-2-30

Cont. on bottom Pg. 41

Note - This page is void

See pages 169 and 170



Cont. from Top Pg. 39

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 2-2-30 Noted by Hellstrom Chief Party F.B. 416 Pg 41

Platted by H.U.M.H.	W.O. No. 948 ~~S.B.C. No.~~ -8
Date NOV 21 1931	Location Co. Bou. Pr. Fk. Rd
Map No. B.471-1	Surveyed by Hellstrom
Platting Ck'd by K.R. McP.	Date 2-2-30
Date NOV 22 1931	Inspected A. C. Johnson

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

Cont. on bottom Pg. 42

① 91.45 @ 16°-44' T 70 = 87.57
② 91.63 @ 17°-06' T 70 = 87.57
③ 91.95 @ 17-44 T 70 = 87.57
F.T.D. = 87.57

℄ P.I. ~~20~~ 59 per Pg. 42
Set 2X2

① 61°-30'-00"
④ 240°-00'-45"
61°-30'-10"

① 134.16 @ 7°-02' T 66 = 133.13
② 134.05 @ 6°-39' T 66 = 133.13
③ 134.00 @ 6°-27' T 66 = 133.13
F.T.D. = 133.13

① 120.00 @ 5°-24' T 70 = 119.46
② 120.05 @ 5°-40' T 70 = 119.45
③ 120.16 @ 6°-09' T 70 = 119.46
F.T.D. = 119.46

R.P.P.I. 58
Set 1X2

E.C. 192+39.96
Set 2X2

40°-06'-40"
not to scale

P.O.S.T. ~~44B~~ 58B
Set 1X2

From R.P.P.I. 58

P.O.S.T. ~~44B~~ 58B

Curve #58

Sta.	Deflect	chd.
B.C. 191+58.23	0°-0'-0"	—
+75	3-12-10"	16.76
192+00	7-58-38"	24.97
+25	12-45-06	"
E.C. +39.96	15-36-30"	14.96

Δ = 31°-13'-00"
R = 150'
T = 41.90'
L = 81.73'
E = 5.74'
Calc.
171°-05'-45"

Abandoned

50' Rdy.

New P.I. 58
11.70' (calc.)
58
P.I. ~~77~~
Not Set

35.64 (calc.)

Calc. 48.65

Calc. 181.37

Calc. 48.47

Calc. 157°-41'-15"

① 165.14 @ 9°-08' T 56 = 163.02
② 165.32 @ 9°-29' T 56 = 163.03
③ 165.20 @ 9°-13' T 56 = 163.04
F.T.D. = 163.03

P.O.S.T. ~~58A~~
Set 2X2
191+85.60

B.C. Set 1X2 191+58.23

Note-Curve #58 is void See Pgs. 169+170

C.E. 03

① 40°-06'-30"
④ 160-26'-45"
40°-06'-40"

① 8°-53'-45"
④ 35°-34'-30"
8°-53'-40"

① 87°-16'-45"
④ 349°-07'-45"
87°-16'-55"

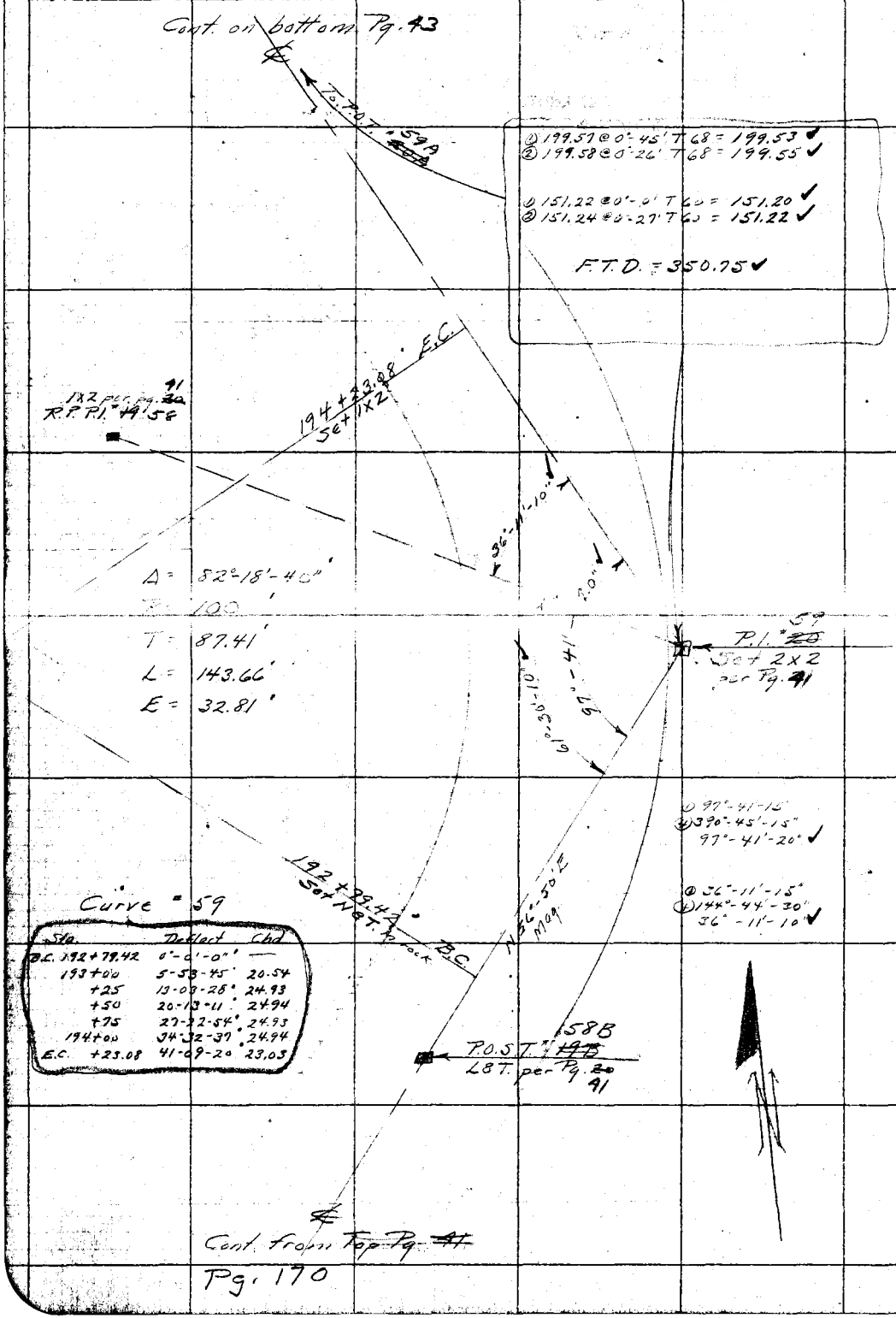
① 78°-23'-15"
④ 313°-32'-45"
78°-23'-10"

This ℄ Abandoned, June 1932
Calc. R/W ℄
See F.B. 416-270, C.S. B-471-4

Cont. from Top Pg. 40

F.B. 416 Pg. 42 Chief Party Notes by Hellstrom Date 2-2-30

Cont. on bottom Pg. 43



Curve #59

Sta.	Deflect	Chd
B.C. 192+79.42	0°-0'-0"	—
193+00	5-53-45	20.54
+25	13-03-28	24.93
+50	20-13-11	24.94
+75	27-22-54	24.93
194+00	34-32-37	24.94
E.C. +23.08	41-09-20	23.03

Cont. from Top Pg. 41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 2-2-34 Noted by Hellstrom Chief Party F.B. 416 Pg 43

Plotted by H.U.M.H.	W. O. No. 948 Sub. No. 8
Date NOV 21 1931	Location Cp Bon Pr. Fr Rd
Map No. B.471-1	Surveyed by Hellstrom
Plotting C'k'd by K.R. McD.	Date 2-2-34
Date NOV 23 1931	Indexed A. C. Johnson

Hellstrom
McCurdy
Munnion
Chandler
Chief

~~Cont on bottom Pg 44~~

Curve #60

Sta.	Deflect.	Chd
B.C. 197+99.02	0°-0'-0"	
198+25	0-44-39"	25.98
198+50	1-27-39"	25.00
+75	2-10-36"	"
199+00	2-53-34"	"
E.C. +25.85	3-38-00"	25.85

Flag "E" 1x2 See Pg. 50

① 164.69 @ 2°-17' T 44 = 164.52
② 164.73 @ 2°-41 T 44 = 164.51
F.T.D. = 164.51

T.P.O.T. 60 Abandoned

B.C. 199+25.85 Set 1x2

① 240.19 @ 1°-55' T 64 = 240.03
② 240.21 @ 2-06 T 64 = 240.02
F.T.D. = 240.02

R.P.P.I. 60 Set 2x2

4°-48'-20"

This Adopted June, 1932

① 85.86 @ 5°-55 T 64 = 85.65
② 86.04 @ 5°-29 T 64 = 85.64
F.T.D. = 85.64

R.P.P.I. 60 Set 2x2

① 4°-48'-15"
② 19°-13'-15"
4°-48'-20"

Adopted See P. 27

Δ = 7°-16'-00"
R = 1000
T = 63.50
L = 126.83
E = 2.01

Note-Curve #60 is Void see Pages 171 to 176 Incl. EED

P.I. #61 Set L&T. in rock

172°-44'

① 50.87 @ 14°-42 T 64 = 49.20
② 50.33 @ 12°-05 T 64 = 49.20
F.T.D. = 49.20

① 172°-44'-15"
② 690°-56'-00"
172°-44'-00"

37.52

New P.I. 60 See Pg. 27

① 183.18 @ 5°-35 T 64 = 182.79
② 183.23 @ 4°-00 T 64 = 182.74
F.T.D. = 182.77

R.P.P.I. 60 Set 2x2

30" [Ta]

44°-54'-35"

Abandoned 197+99.02

B.C. Set 1x2

① 176.11 @ 0°-20' T 64 = 176.09
② 176.12 @ 0°-0' T 64 = 176.10
F.T.D. = 176.10

① 189°-10'-30"
② 750°-42'-00"
189°-10'-30"

Continued on Pg. 171

P.O.T. 59 ~~20A~~ Set 2x2 196+86.42'

① 44°-54'-45"
② 179°-38'-30"
44°-54'-35"

Flag "D" per pg. 38

189°-10'-30" not to scale

N 15° W

N 74° W

P.O.S.T. 16A L&T in rock per pg 38

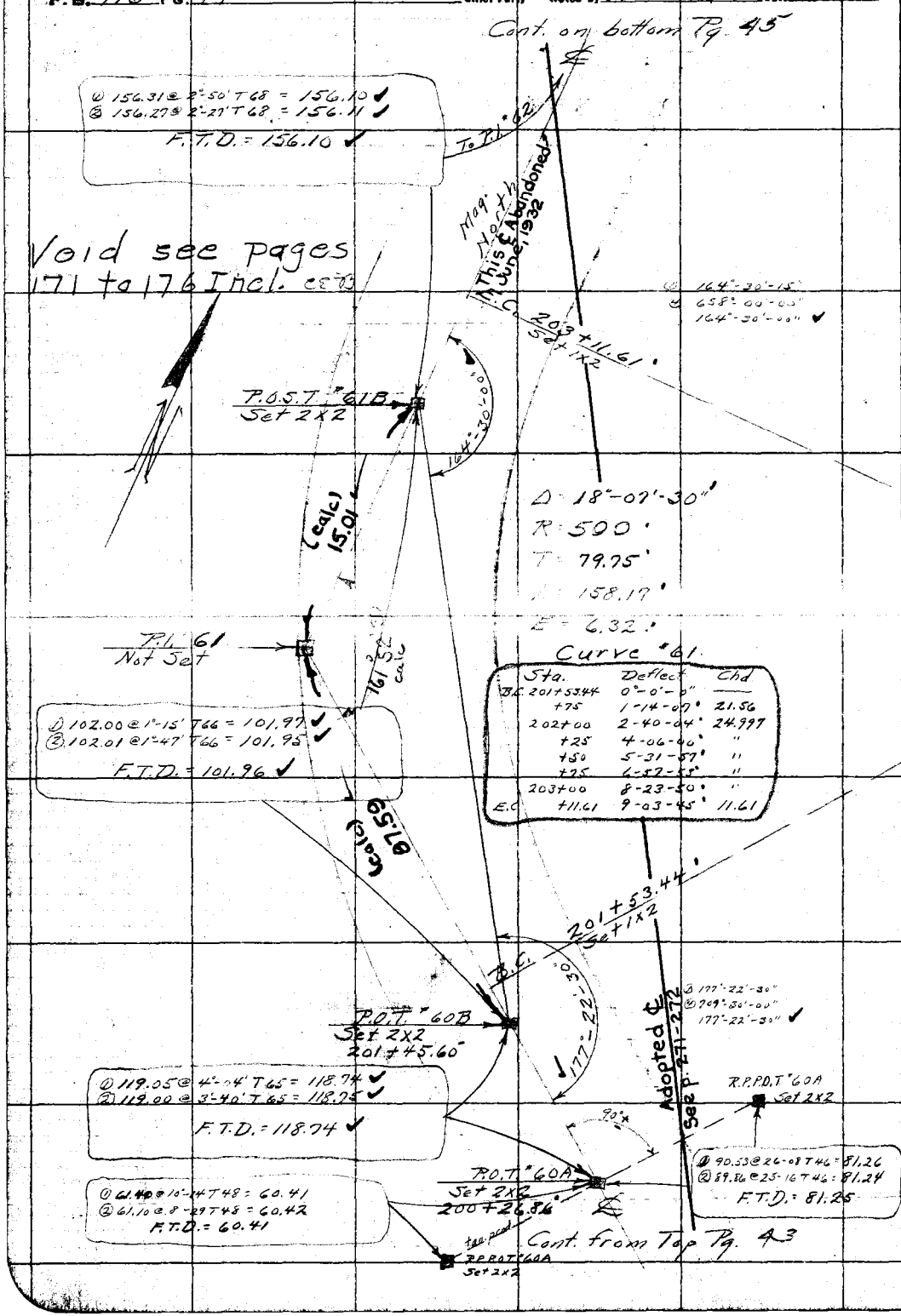
Cont. from Top Pg. 42

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 44 Chief Party Notes by Hellstrom Date 2-4-30



RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 2-4-30 Notes by Hellstrom Chief Party F.B. 416 Pg 45

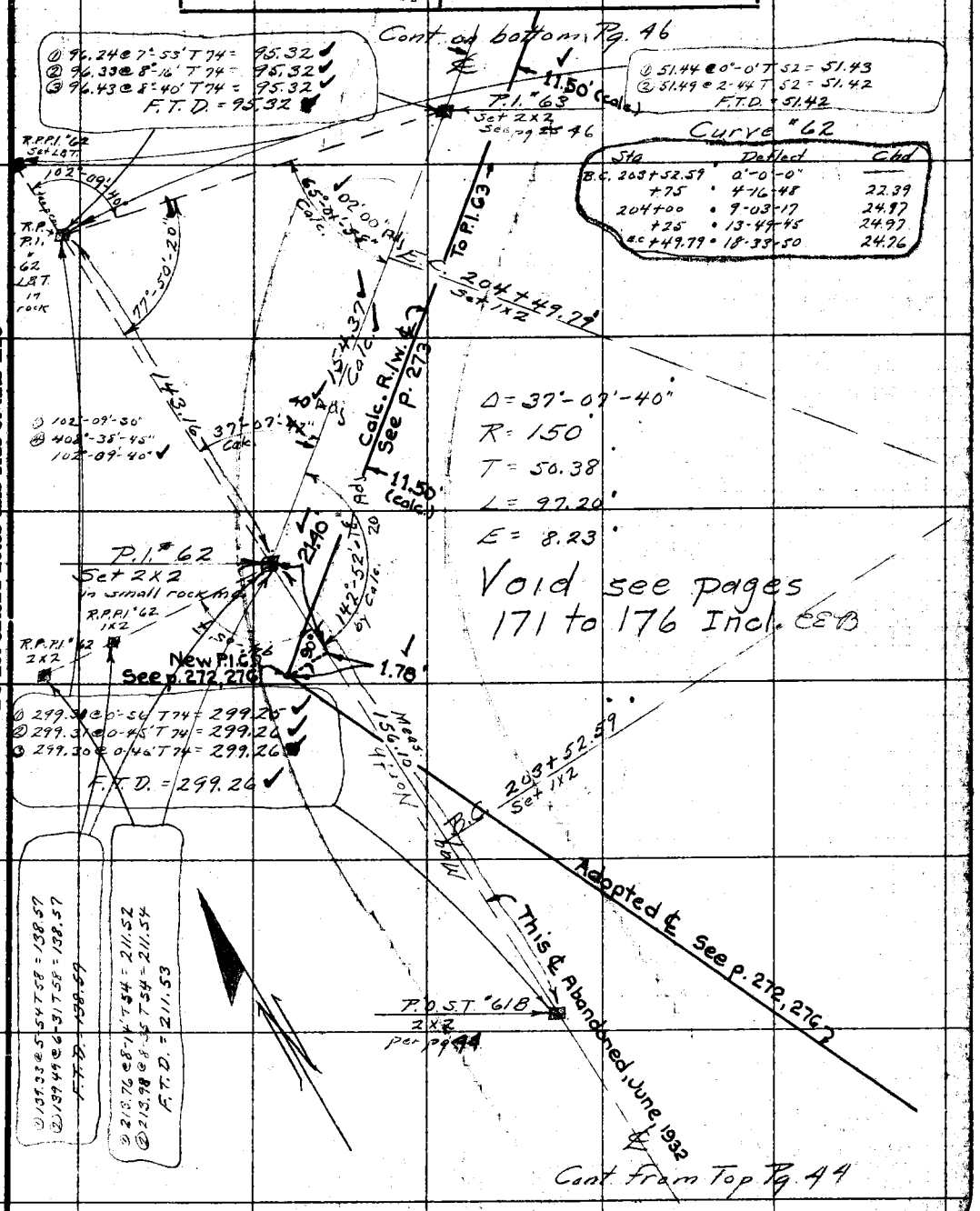
Platted by H. U. M. H.	W. O. No. 948 ~~S. C. O. No.~~ Type #8
Date NOV 21 1931	Location Cp Bon Pr Fk Rd
Map No. B-471-1	Surveyed by Hellstrom
Platting C'k'd by K. R. McD.	Date 2-4-30
Date NOV 22 1931	Indexed A. C. Johnson

Hellstrom
McCarver
Mannion
Shawnee
Wilco

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

Do not extend notes this side of this line

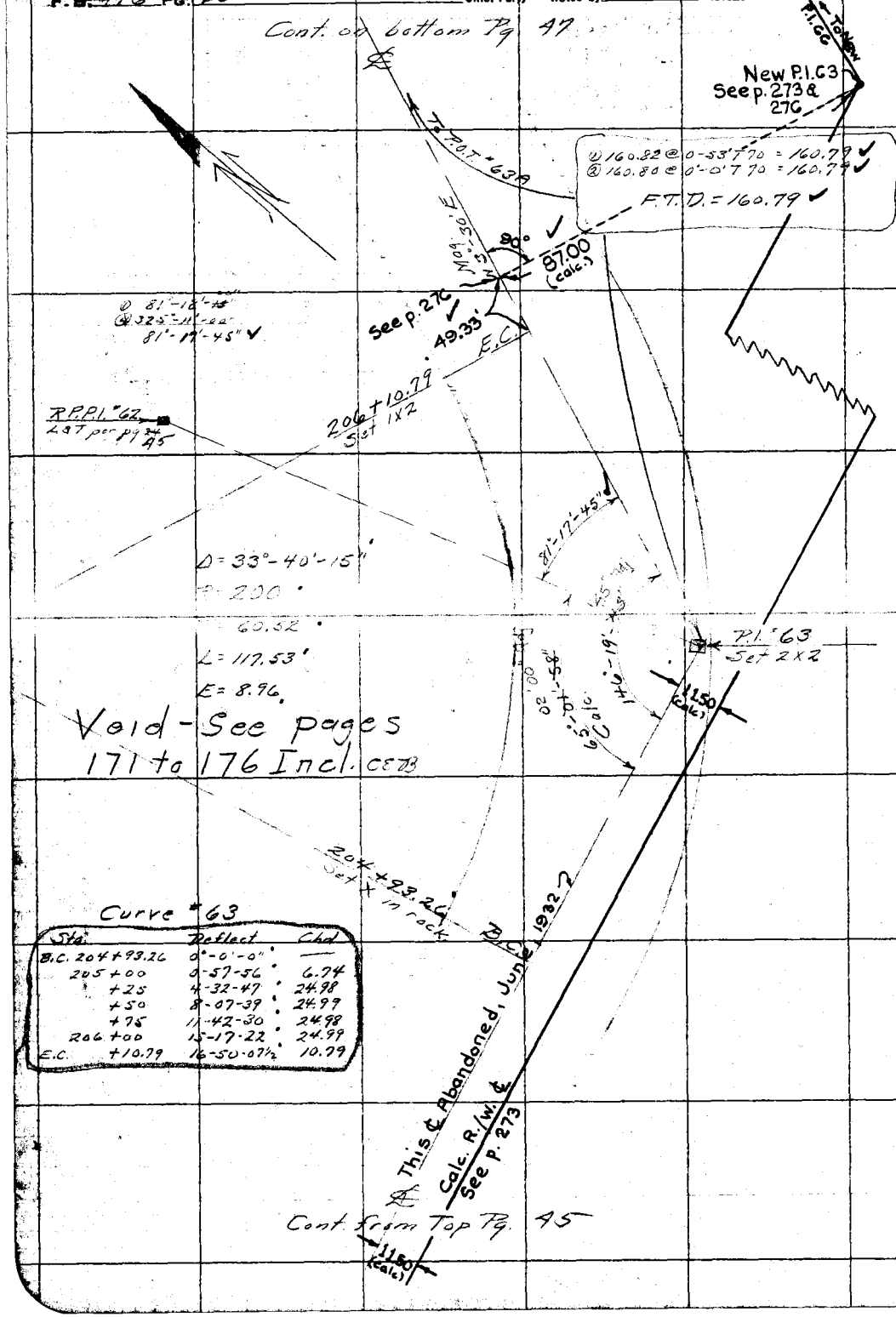
RETURN TO LOS ANGELES COUNTY SURVEYOR



Curve #62

Sta	Deflect	Chd
B.C. 203+52.59	0°-0'-0"	—
+75	4-16-48	22.39
204+00	9-03-17	24.97
+25	13-49-45	24.97
E.C. +49.79	18-33-50	24.76

F.B. #16 Pg. 46 Chief Party Notes by Hellstrom Date 2-4-30



Curve #63

Sta.	Deflect	Chd
B.C. 204+93.26	0°-0'-0"	—
205+00	0-57-56	6.74
+25	4-32-47	24.98
+50	8-07-39	24.99
+75	11-42-30	24.98
206+00	15-17-22	24.99
E.C. +10.79	16-50-07½	10.79

RETURN TO
LOS ANGELES COUNTY SURVEYOR

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

Do not extend notes this side of this line

Date 2-4-30 Notes by Hellstrom Chief Party F.B. 416 Pg 47

Plotted by H.U.M.H.	W.O. No. 941 Page No. 8
Date NOV 21 1931	Location Co. Bon. Pt. Fk. Rd
Map No. B.471-1	Surveyed by Hellstrom
Plotting Ck'd by K.R.McP.	Date 2-4-30
Date NOV 24 1931	Indexed A. C. Johnson

Hellstrom
16" Carver
Magnum
Stake
Hilgs

Cont. on bottom Pg. 48

① 133.76 @ 13°-18' T54 = 130.14 ✓
② 130.91 @ 13°-34' T54 = 130.14 ✓
F.T.D. = 130.14 ✓

① 148.51 @ 15-01 T40 = 143.40
② 147.90 @ 14-03 T40 = 143.39
F.T.D. = 143.39

① 77.13 @ 8°-40' T50 = 76.23
② 77.42 @ 9-56 T50 = 76.24
F.T.D. = 76.23

① 144°-29'-15"
② 577°-57'-15"
144°-29'-20" ✓

P.I. "64
Set 2x2

Curve "64

Sta	Deflect	Chd.
B.C. 209+53.94	0°-0'-0"	—
+75	4-01-20	21.04
210+00	8-47-47	24.97
+25	13-34-19	"
E.C. +46.91	17-45-20	21.89

E.C. 210+46.91
Set 1x2

Void - See pages 171 to 176 Incl. CEB

R.P.P.I. "64
Set 2x2's

Δ = 35°-30'-40"
R = 150'
T = 48.03'
L = 92.97'
E = 7.50'

Calc. R/W & T See p. 273, 274, 276

① 66.66 @ 14-56 T40 = 64.39
② 66.25 @ 13-33 T40 = 64.39
F.T.D. = 64.39

This & Abandoned June 1932

B.C. 209+53.94
Set 1x2

① 291.27 @ 2°-46' T68 = 290.90 ✓
② 291.32 @ 2°-54' T68 = 290.92 ✓
F.T.D. = 290.91 ✓

① 121.38 @ 10°-18' T50 = 119.39
② 121.06 @ 9-23 T50 = 119.41
F.T.D. = 119.40

P.O.T. "63A
Set 2x2
207+11.06'

New P.I. 63
See p. 273, 276

87.00' (Calc.)

To New P.I. 62

To New P.I. 61

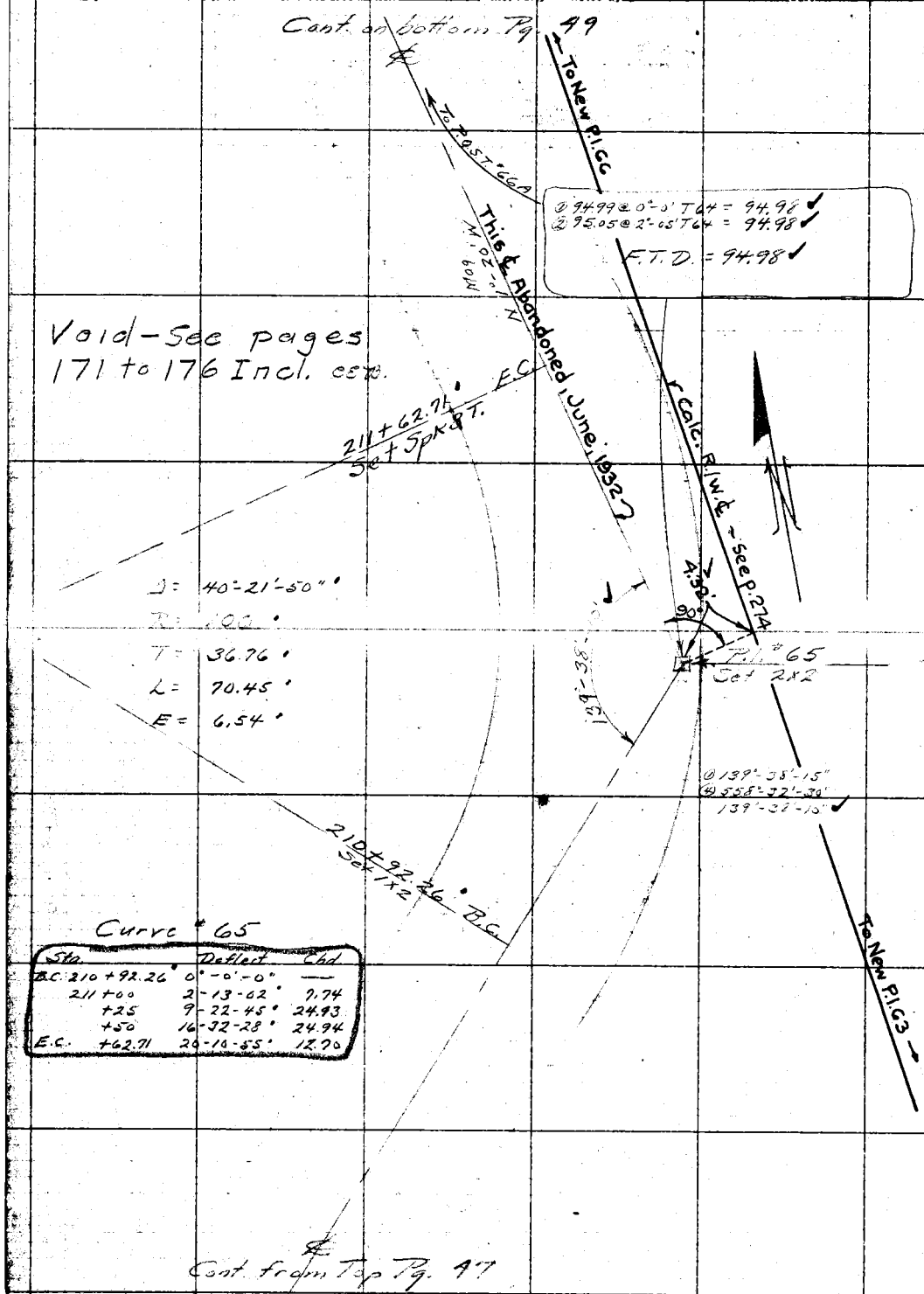
Cont. from Top Pg. 46

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

Do not extend notes this side of this line.

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 48 Chief Party Notes by Hellstrom Date 2-5-30



Curve #65

Sta.	Deflect.	Chd.
B.C. 210 + 92.26	0°-0'-0"	—
211 + 00	2-13-02	7.74
+25	9-22-45	24.93
+50	16-32-28	24.94
E.C. +62.71	20-10-55	12.70

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 2-5-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 49

Weather: Perfect

Plotted by H.U.M.H.	W.O. No. 948
Date NOV 21 1931	Location Cp Bon Pg Fr Rd
Map No. B.4714	Surveyed by Hellstrom
Plotting Ch'k'd by K.R. Mayo	Date 2-5-30
Date NOV 24 1931	Indexed G. Johnson

Cont. on bottom Pg. 50

① 185.44 @ 27°-33' T76 = 164.40
② 185.85 @ 27°-48' T76 = 164.39
③ 186.01 @ 27°-54' T76 = 164.39
F.T.D. = 164.39

P.O.S.T. "67A"
Set Spk. W.&T
See Pg. 29 50

R.P.R.1 "66"
Set L&T in rock

132°-48'-20"

42°-11'-40"

Calc.

Adopted R/W
See p. 274

E.C. 213+51.51
See Spk W.&T in rock

① 238.18 @ 3°-29' T76 = 237.73
② 238.10 @ 3°-07' T76 = 237.74
③ 238.08 @ 3°-00' T76 = 237.74
F.T.D. = 237.74

Void - See pages 171 to 176 Incl. C.B.

194.44

Calc. 1.50'

43°-44'-20" Calc.

20' Rd.

New P.I.66
See p. 274

Δ = 43°-44'-20"
R = 210
T = 84.29
L = 160.31
E = 16.28

Calc. 21.00'

40' Rd.

136°-15'-38"

① 294.39 @ 6°-49' T74 = 292.29
② 294.46 @ 6°-55' T74 = 292.30
③ 294.55 @ 7°-03' T74 = 292.30
F.T.D. = 292.30

P.I. "66"
Set 2x2

P.O.S.T. "66A"
Set 2x2

Curve #66

Sta	Deflect	Chd
B.C. 211+91.20	0°-0'-0"	
212+00	1-12-02	8.80
+25	4-36-40	24.98
+50	8-01-17	24.99
+75	11-25-55	24.98
213+00	14-50-33	24.99
+25	18-15-11	24.98
E.C. +51.51	21-52-10	26.49

B.C. 211+91.20
Set Spk W.&T

Calc. R/W
See p. 274

Dist. & Abandoned June, 1932

To P.I.63

① 132°-48'-15"
② 531°-13'-50"
132°-48'-20"

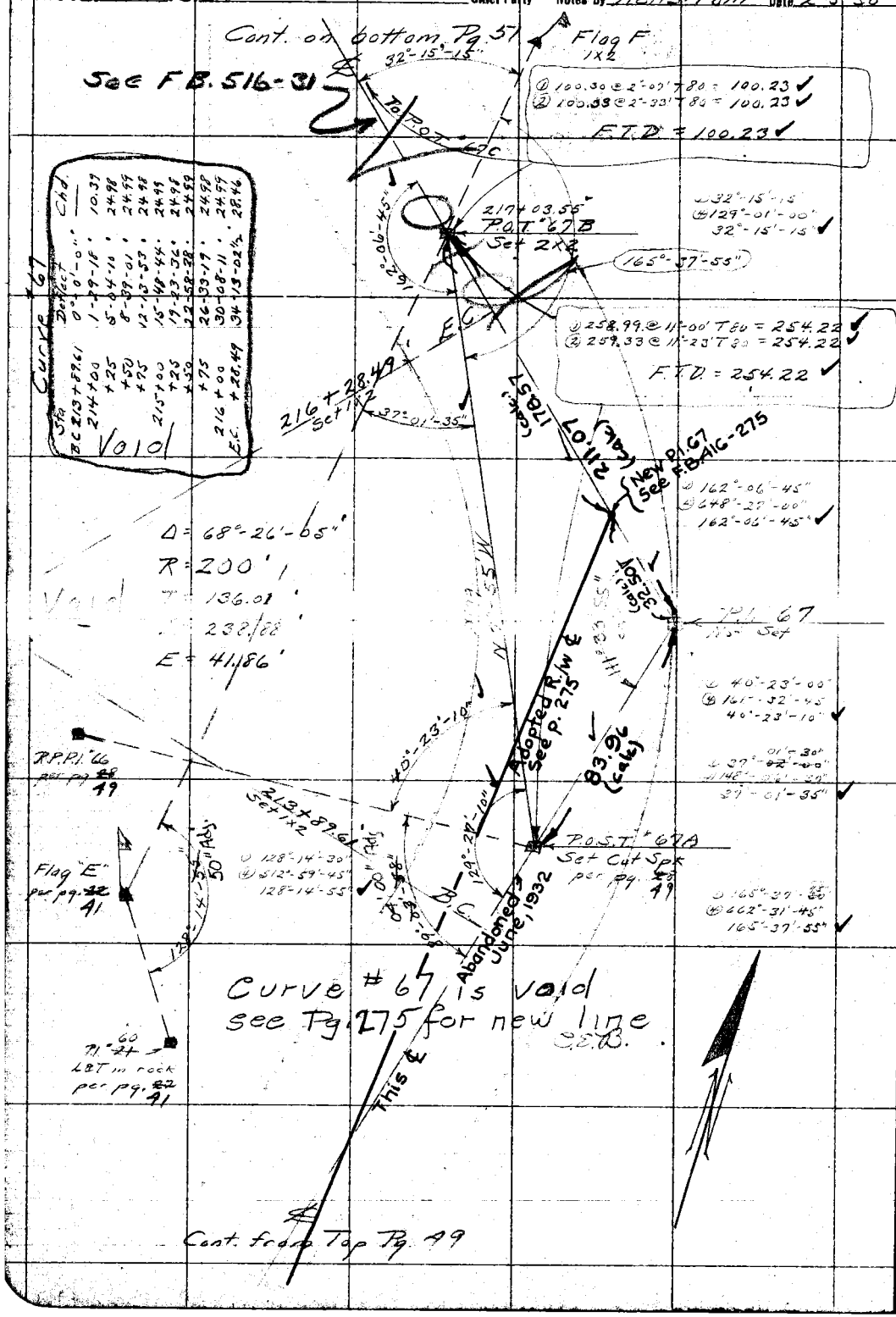
Cont. from Top Pg. 48

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

Do not extend notes this side of this line.

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 50 Chief Party Notes by Hellstrom Date 2-5-30



RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

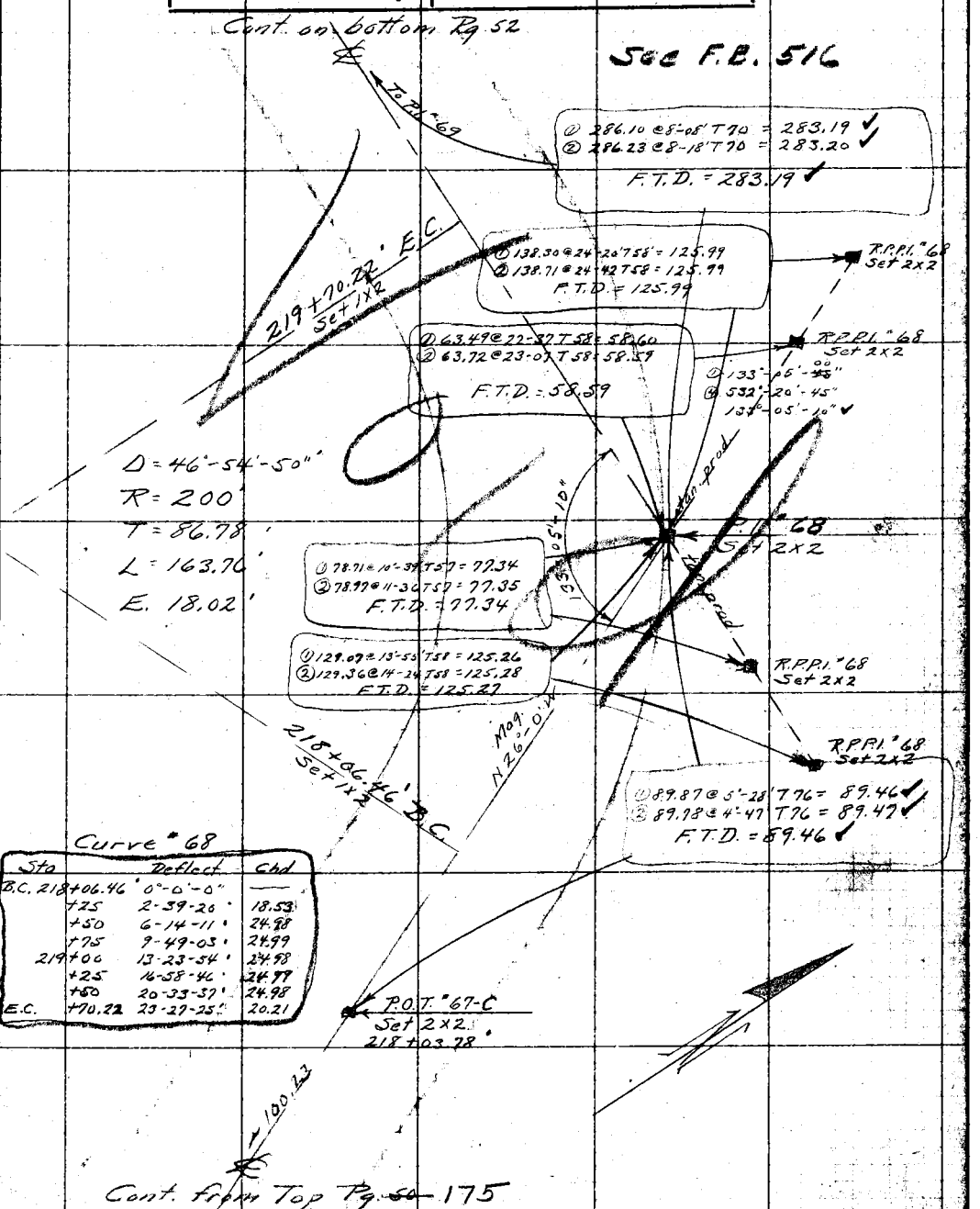
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 2-5-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 51

Platted by H.U.M.H.	W.O. No. 948 ~~S.O.~~ No. #8
Date NOV 21 1931	Location Cp. Bon. Pr. Fr. Rd
Map No. B471-2.	Surveyed by Hellstrom
Platting Ck'd by K.R.McP.	Date 2-5-30
Date NOV 22 1931	Indexed A. C. Johnson

Hellstrom
McCarver
Mannion
Showaker
Wilce

Weather: Perfect



Curve #68

Sta		Deflect	Chd
B.C. 218	+06.46	0°-0'-0"	—
	+25	2-39-26	18.53
	+50	6-14-11	24.98
	+75	9-49-03	24.99
219	+00	13-23-54	24.98
	+25	16-58-46	24.99
	+50	20-33-37	24.98
E.C.	+70.22	23-27-25	20.21

Cont. from Top Pg. ~~50~~ 175

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

RETURN TO LOS ANGELES COUNTY SURVEYOR

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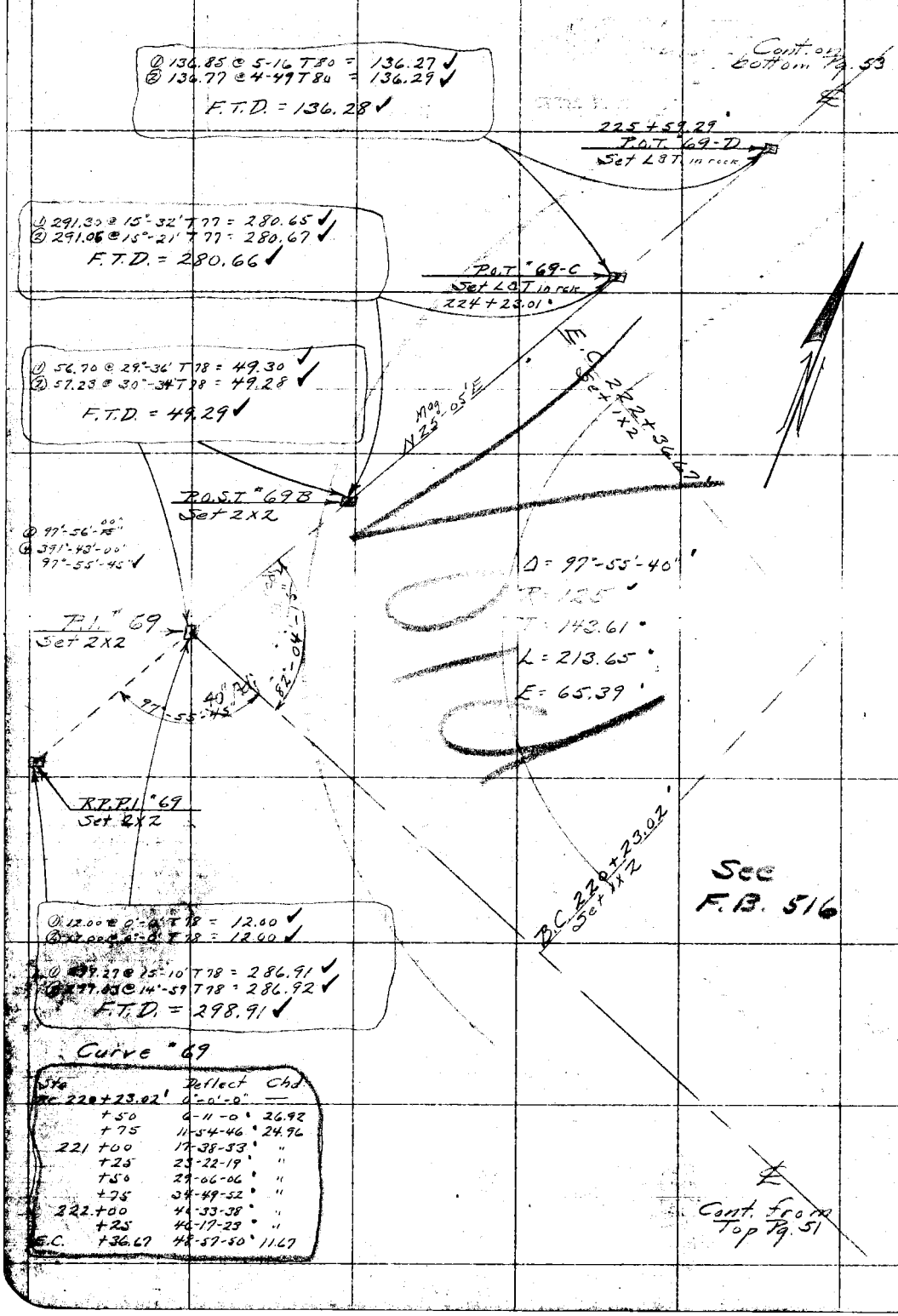
F.B. 416 Pg. 52 Chief Party Notes by Hellstrom Date 2-5-30



Sta	Deflect	Chd
B.C. 220+23.02'	0°-0'-0"	—
+50	6-11-0	26.92
+75	11-54-46	24.96
221+00	17-38-33	"
+25	23-22-19	"
+50	29-06-06	"
+75	34-49-52	"
222+00	40-33-38	"
+25	46-17-23	"
E.C. +36.67	48-57-50	11.67

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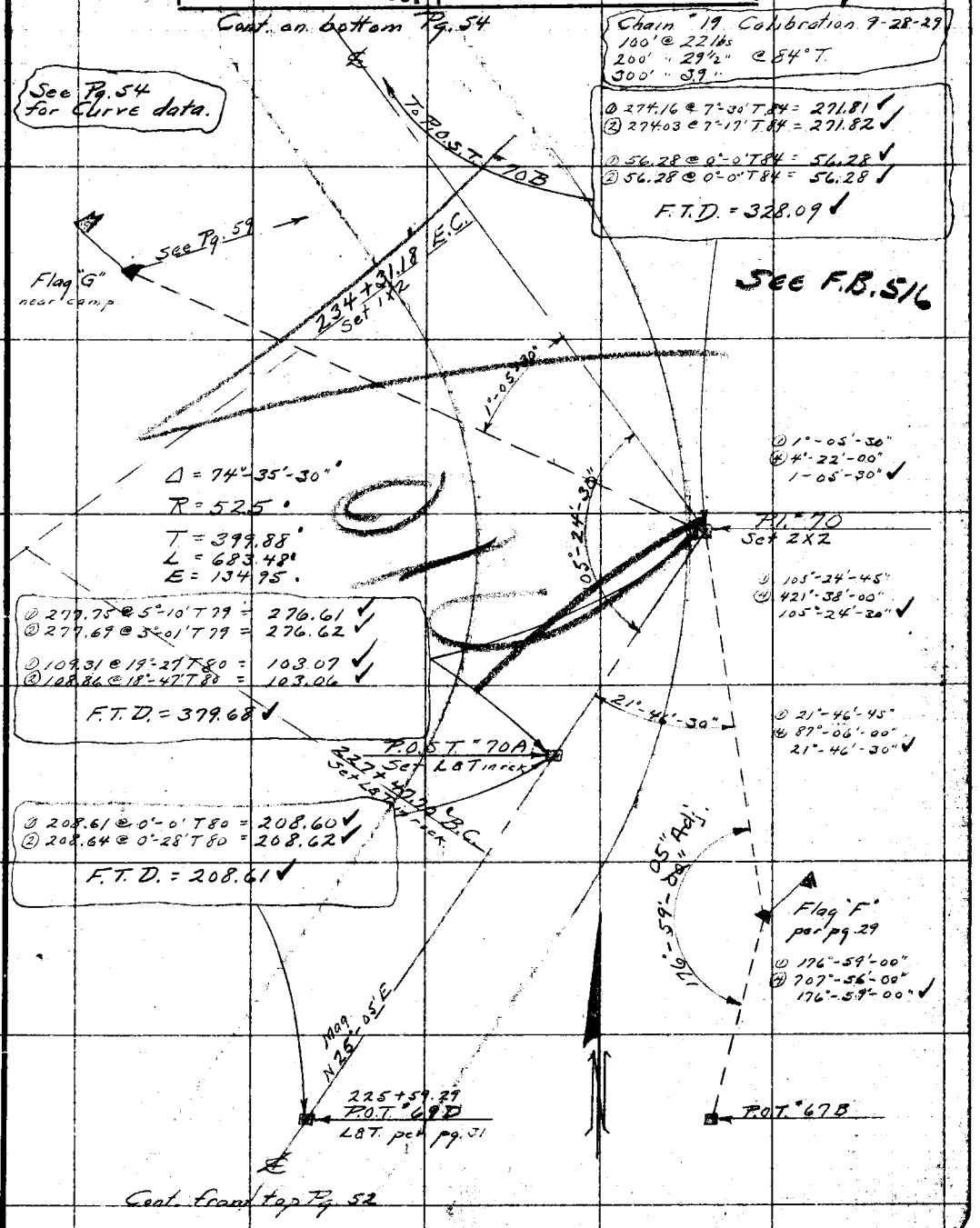
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 2-14-30 Notes by Hellstrom Chief Party F.B. 416 Pg 53

Platted by H.U.M.H.	W.O. No. 948 ~~D.S.O. No.~~ tape "19
Date NOV 21 1931	Location Sp. Bon Pr Fk Rd
Map No. B.471-2	Surveyed by Hellstrom
Platting Ck'd by K.R. McP.	Date 2-14-30
Date NOV 22 1931	Indexed A. C. Johnson

Note change of tape We are now using tape "19

Chain "19 Calibration 9-28-29
100' @ 22 lbs
200' " 29½" @ 84° T.
300' " 39"



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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 54 Chief Party Notes by Hellstrom Date 2-14-30

Cont. on bottom Pg. 55

Curve #70 from Pg. 53

Sta	Deflect	Chd
B.C. 227+47.70	0°-0'-0"	—
+75	1-29-23	27.30
228+00	2-51-14	25.00
+25	4-13-05	"
+50	5-34-56	"
+75	6-56-47	"
229+00	8-18-38	"
+25	9-40-29	"
+50	11-02-20	"
+75	12-24-11	"
230+00	13-46-02	"
+25	15-07-53	"
+50	16-29-45	"
+75	17-51-36	"
231+00	19-13-27	"
+25	20-35-18	"
+50	21-57-09	"
+75	23-19-00	"
232+00	24-40-51	"
+25	26-02-42	"
+50	27-24-33	"
+75	28-46-24	"
233+00	30-08-15	"
+25	31-30-07	"
+50	32-51-58	"
+75	34-13-49	"
234+00	35-35-40	"
+25	36-57-31	"
E.C. +31.18	37-17-45	6.18

① 157.24 @ 4°-53' T61 = 156.65 ✓
② 157.19 @ 4°-40' T61 = 156.65 ✓
F.T.D. = 156.65 ✓

To P.O.S.T. #72A

Mag. N 32°-45' W

① 145.31 @ 0°-0' T67 = 145.29
② 145.31 @ 0°-0' T67 = 145.29
F.T.D. = 145.29

① 47.79 @ 0°-0' T67 = 47.78
② 47.79 @ 0°-0' T67 = 47.78
F.T.D. = 47.78

E.C. 236+74.53
Set 1X2

236+75.96
P.O.S.T. #71B
Set 2X2

① 83.94 @ 9°-02' T72 = 82.89 ✓
② 83.76 @ 8°-18' T72 = 82.87 ✓
F.T.D. = 82.88 ✓

Δ = 16°-50'-50"
R = 550
T = 81.45
L = 161.72
B = 6.00

Set 2X2

① 88.78 @ 0°-0' T66 = 88.77
② 88.78 @ 0°-0' T66 = 88.77
F.T.D = 88.77

① 163°-09'-30"
② 652°-36'-45"
163°-09'-10" ✓

163°-09'-10"

① 67.45 @ 0°-0' T66 = 67.44
② 67.45 @ 0°-0' T66 = 67.44
F.T.D. = 67.44

R.P.P.I. #71
Set 2X2's

① 176.24 @ 0°-0' T80 = 176.24 ✓
② 176.24 @ 0°-0' T80 = 176.24 ✓
① 58.63 @ 0°-0' T80 = 58.63 ✓
② 58.65 @ 1°-38' T80 = 58.63 ✓
F.T.D. = 234.87 ✓

B.C. 235+12.81
Set 1X2

P.O.S.T. #70B
Set 2X2

Curve #71

Sta	Deflect	Chd
B.C. 235+12.81	0°-0'-0"	—
+25	0-38-06	12.19
+50	1-56-14	25.00
+75	3-14-22	"
236+00	4-32-30	"
+25	5-50-38	"
+50	7-08-46	"
E.C. +74.53	8-25-25	24.53

Cont. from top Pg. 53

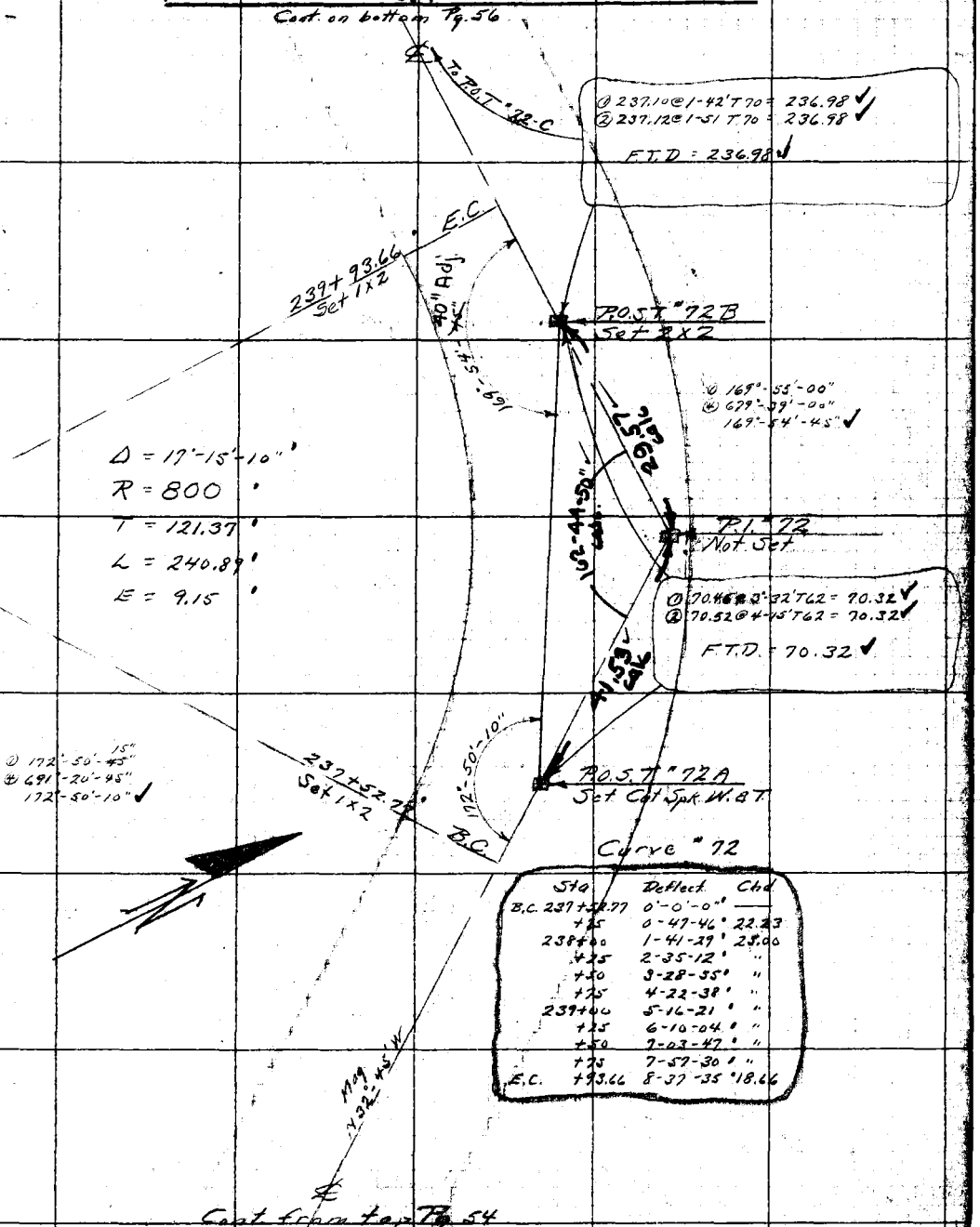
RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 2-14-30 Notes by Hellstrom Chief Party "Bull" Montana F.B. 416 Pg 55

Platted by H.U.M.H.	W.O. No. 948 ~~S.O.O.~~ No. "19
Date NOV 21 1931	Location Cp. Bon Pr. Fk. Rd.
Map No. B.471-2	Surveyed by Hellstrom
Platting C'k'd by K.R. McD.	Date 2-14-30
Date NOV 2[illegible] 1931	Indexed A. C. Johnson

Feature work by Wilce & Showaker

Cont. on bottom Pg. 56



Sta	Deflect	Chd
B.C. 237+52.77	0°-0'-0"	—
+25	0-47-46	22.23
238+00	1-41-29	25.00
+25	2-35-12	"
+50	3-28-55	"
+75	4-22-38	"
239+00	5-16-21	"
+25	6-10-04	"
+50	7-03-47	"
+75	7-57-30	"
E.C. +93.66	8-37-35	18.66

Cont. from top Pg. 54

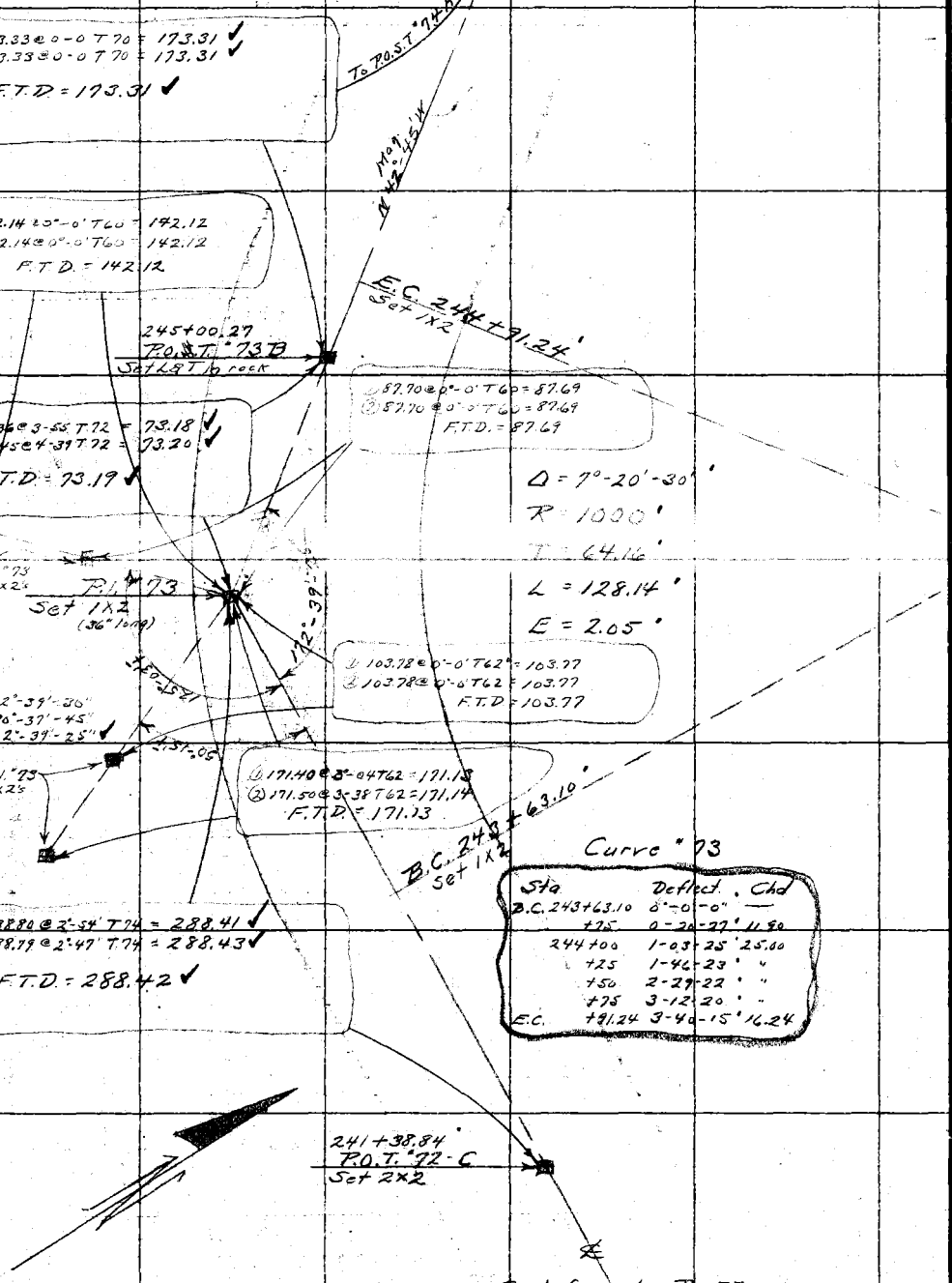
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 56 Chief Party Notes by Hellstrom Date 2-19-30

Cont. on bottom Pg 57



Sta	Deflect.	Chd
B.C. 243+63.10	0°-0'-0"	—
+75	0-20-27'	11.50
244+00	1-03-25'	25.00
+25	1-46-23'	"
+50	2-29-22'	"
+75	3-12-20'	"
E.C. +91.24	3-40-15'	16.24

Cont. from top Pg. 55

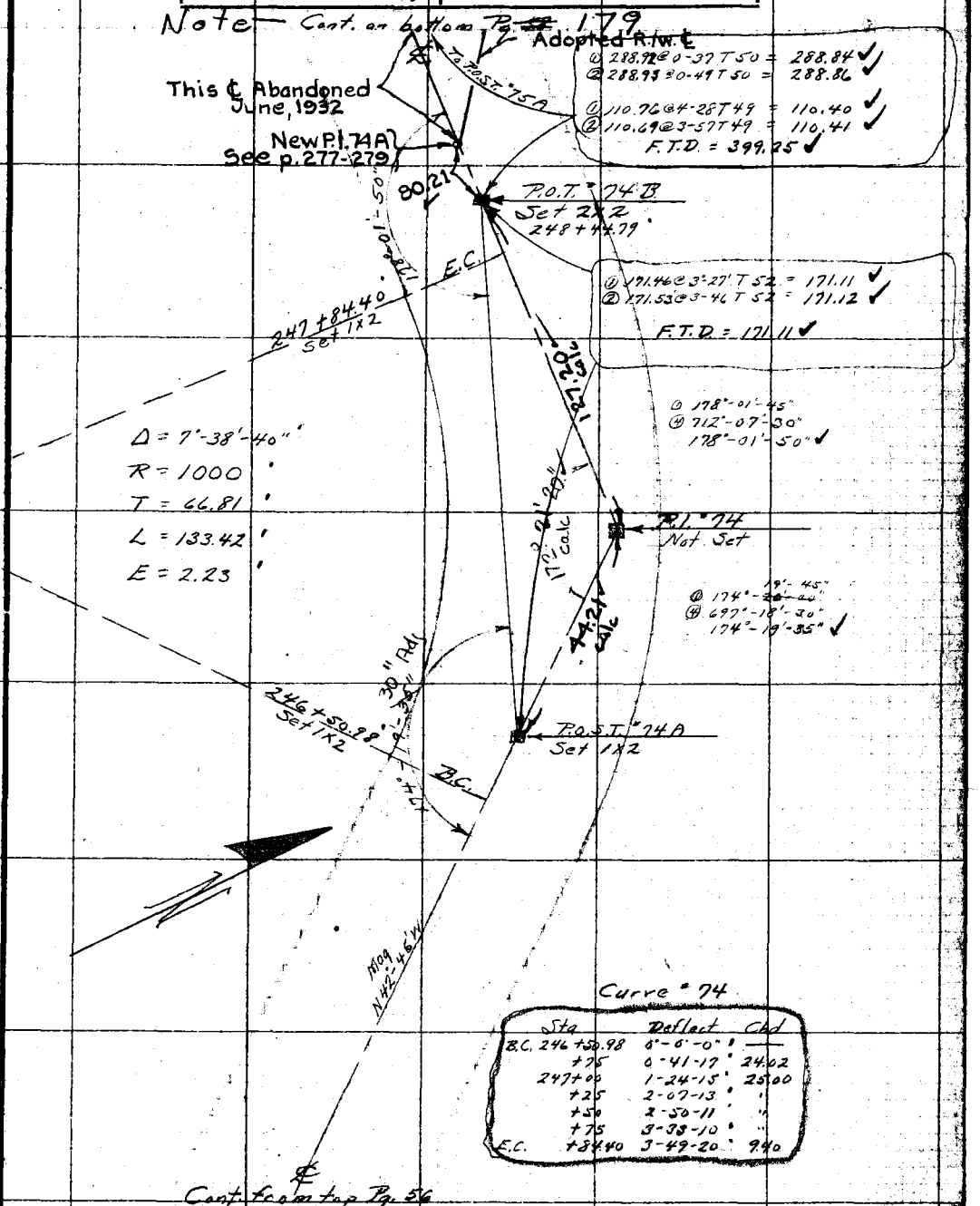
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 2-24-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 57

Plotted by H.U.M.H.	W.O. No. 948 ~~O.S.O.~~ Type No. #19
Date NOV 21 1931	Location Cp Bon Pr Fk Rd
Map No. B. 471-2.	Surveyed by Hellstrom
Plotting C'k'd by K.R. McP.	Date 2-24-30
Date NOV 22 1931	Indexed A. C. Johnson



Curve #74

Sta	Deflect	Chd
B.C. 246+50.98	0°-0'-0"	—
+75	0-41-17	24.02
247+00	1-24-15	25.00
+25	2-07-13	"
+50	2-50-11	"
+75	3-33-10	"
E.C. +84.40	3-49-20	9.40

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. #16 Pg. 58 Chief Party Notes by Hellstrom Date 2-28-30

Cont. on bottom Pg 59

Void - See Pgs. 177 to 183 Incl. C.E.B.

① 211.25 @ 0'-55" T 45' = 211.17 ✓
② 211.28 @ 1'-10" T 45' = 211.19 ✓

① 161.75 @ 5'-16" T 46 = 160.03 ✓
② 161.57 @ 7'-47" T 46 = 160.04 ✓

F.T.D. = 371.21 ✓

① 224.74 @ 0-0 T 70 = 224.72
② 224.74 @ 0-0 T 70 = 224.72
F.T.D. = 224.72

2x2

R.P.P.I. #76
L&T

31°-14'-45"
31°-14'-35" ✓

P.I. #75
Set L&T in ⊥

R.P.P.I. #75
Set 2x2's

① 57.90 @ 11'-21" T 50 = 56.70 ✓
② 57.68 @ 10'-12" T 50 = 56.74 ✓

F.T.D. = 56.76 ✓

① 223.37 @ 0'-0 T 70 = 223.35
② 223.37 @ 0-0 T 70 = 223.35
F.T.D. = 223.35 ✓

P.O.S.T. #75A
Set Cut Sp. K. L&T.

Curve #75

Sta	Defl'd.	Chd
B.C. 251+61.66	0°-0'-0"	
+75	0-48-08	14.00
252+00	2-14-04	24.997
+25	3-40-01	"
+50	5-05-58	"
+75	6-31-54	"
253+00	7-57-51	"
+25	9-23-47	"
+50	10-49-44	"
+75	12-15-40	"
254+00	13-41-38	"
+25	15-07-34	"
E.C. +33.63	15-39-15	8.63

To P.I. #76

Abandoned, June, 1932

This ℄ Set 1x2

N 14°-01'-W

E.C. 254+33.63

Adopted R/W ℄ See Pg. 277, 279

① 136.27 @ 0'-0" T 70 = 136.26
② 136.27 @ 0'-0" T 70 = 136.26
F.T.D. = 136.26

Δ = 31°-14'-30"
R = 500
T = 139.80'
L = 272.63'
E = 19.18'

30" Rd.

31°-14'-45"

72°-35'

40°-37'

148°-45'

32.60

① 135.11 @ 0°-0' T 70 = 135.10
② 135.11 @ 0°-0' T 70 = 135.10
F.T.D. = 135.10 ✓

New P.I. 75
See pg. 277, 279

16.20

B.C. 251+61.66
Set L&T in rock

Cont. from top Pg. 57

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

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

Date 2-28-34 Notes by Hellstrom Chief Party F.B. 416 Pg. 59

Plotted by H.L.M.H.	W. O. No. 948 Sheet No. 19
Date NOV 21 1931	Location Cp Bon Pr. Fk Rd.
Map No. B.471-2.	Surveyed by Hellstrom
Plotting Ck'd by K.B. Map	Date 2-28-30
Date NOV 22 1931	Inspected A. C. Johnson

Hellstrom
Tomblison
Mc Carver
Mannion
Stewart

Cont. on bottom Pg. 60

Void - See Pgs. 177 to 183 Incl. C.E.B.

To P.O.S.T. 77A

@ 193.52 @ 2°-10' T50 = 193.34
@ 193.51 @ 1-58 T50 = 193.36
@ 195.19 @ 16°-20' T50 = 191.98
@ 195.01 @ 16°-01' T50 = 192.00
F.T.D. = 385.34

Flag G
near camp
per pg. 53

@ 41°-41'-45"
@ 166°-41'-30"
41°-41'-35"

S 56°-19'-20" E
30' (Rd)
41°-41'-35"

N 56°-19'-20" W

258+21.43 E.C.
Set 1x2

36°-06'-35"

@ 36°-06'-45"
@ 144°-26'-30"
36°-06'-35"

@ 142°-47'-30"
@ 571°-18'-26"
142°-47'-35"

212°-12'-25"

Δ = 37°-12'-25"
R = 500
T = 168.30
L = 324.69
E = 27.57

G.Co.
P.I. #76
Set 2x2
73.50
100°-41'-00"
424°-44'-30"
100°-41'-05"

New P.I. 76
See p. 277, 280

@ 217°-12'-30"
@ 868°-49'-30"
217°-12'-25"

Sta.	Deflection	Chords
254+96.24		
255+00	0° 11' 12"	3.26
+25	1° 37' 09"	24.997
+50	3° 03' 06"	"
+75	4° 29' 02"	"
256+00	5° 54' 59"	"
+25	7° 20' 56"	"
+50	8° 46' 52"	"
+75	10° 12' 49"	"
257+00	11° 38' 45"	"
+25	13° 04' 42"	"
+50	14° 30' 39"	"
+75	15° 56' 35"	"
258+00	17° 22' 32"	"
+21.43	18° 36' 12"	21.43

258+96.24
Set 2x2
B.C.

This ℄ Abandoned, June, 1932

℄ Adopted R/W. ℄ See p. 277, 279, 280

Cont. from top Pg. 58

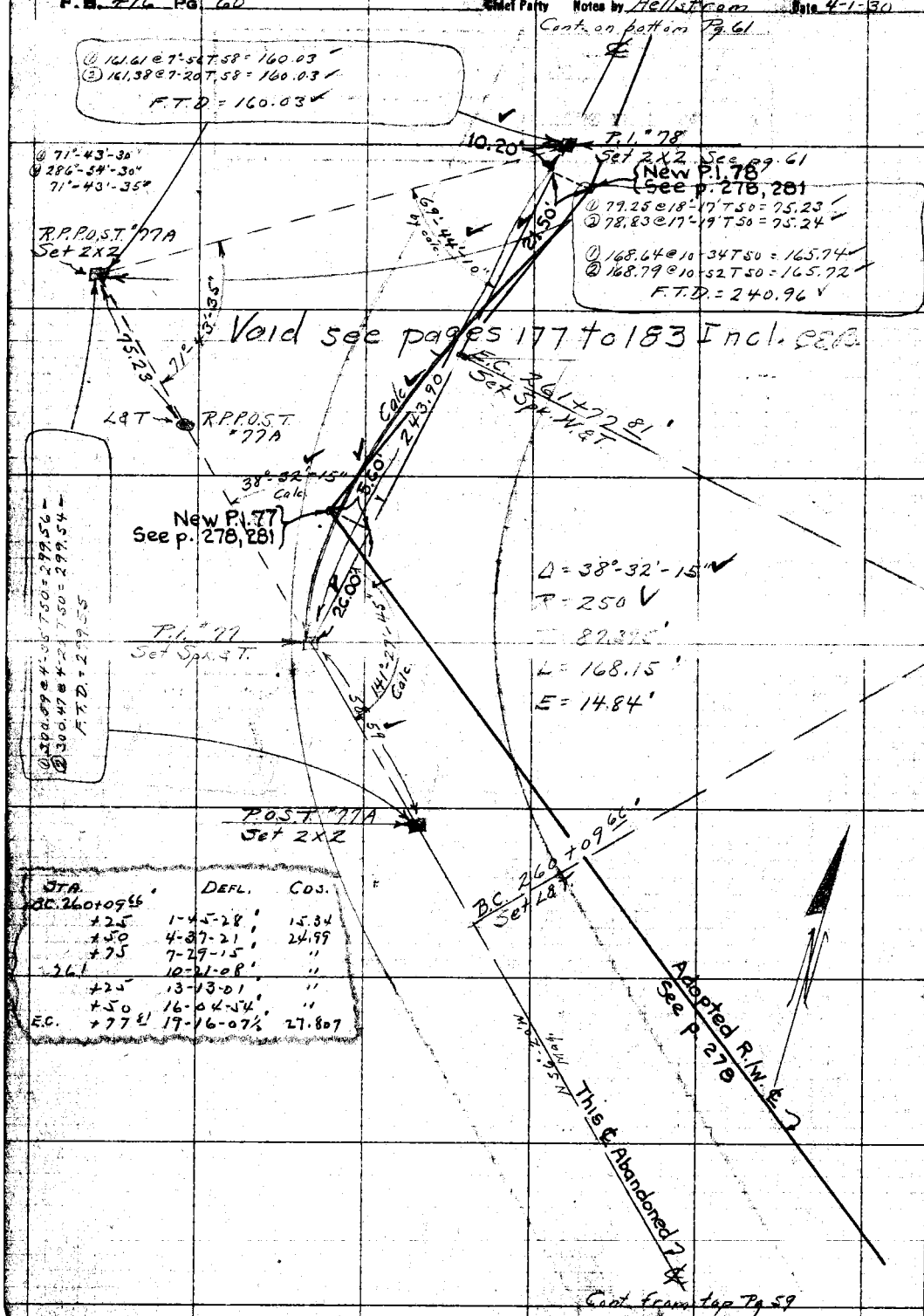
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 60 Chief Party Notes by Hellstrom Date 4-1-30

Cont. on bottom Pg. 61



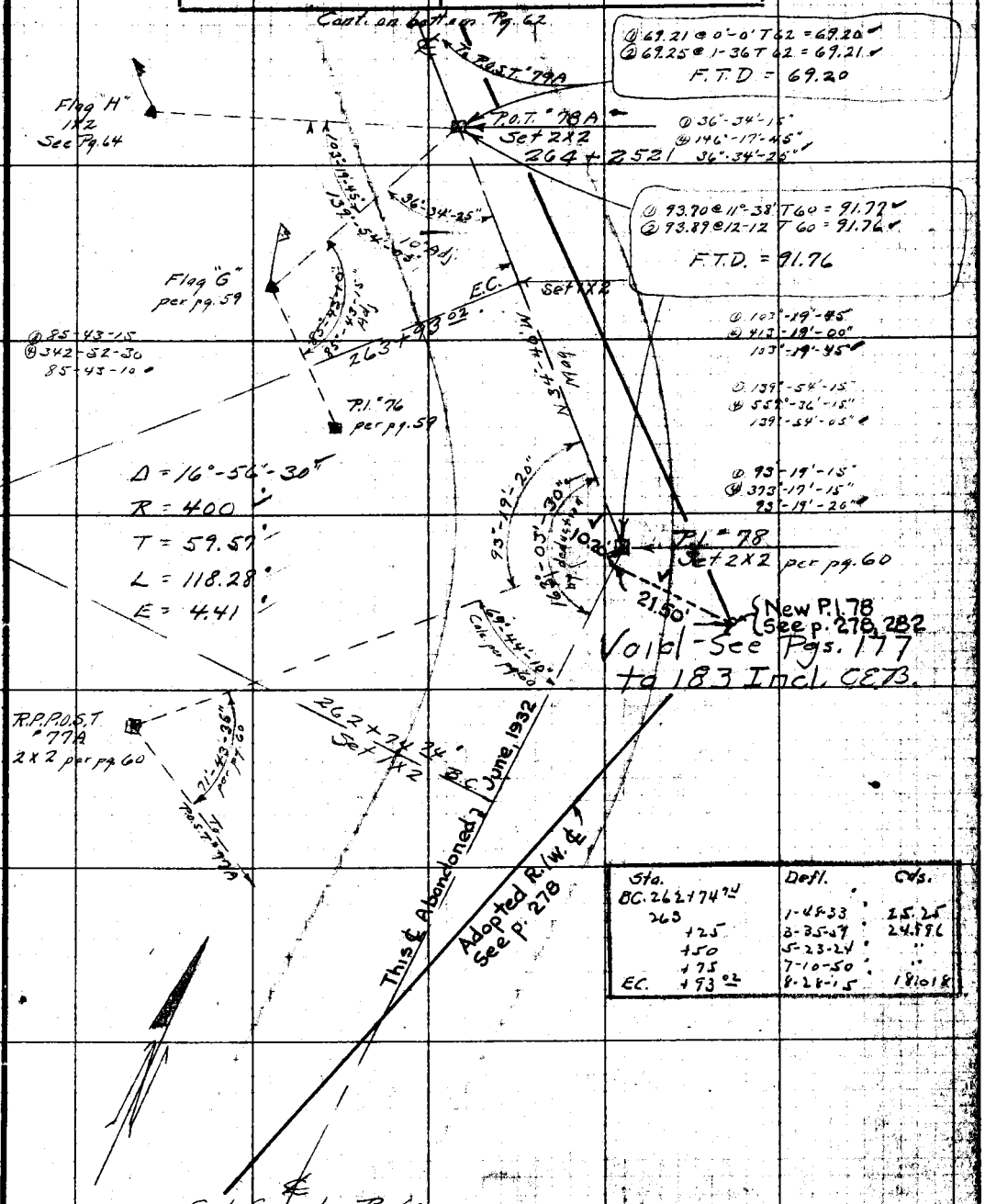
STA.	DEFL.	COS.
B.C. 260+09.66'		
+25	1-45-28'	15.34
+50	4-37-21'	24.99
+75	7-29-15'	"
261	10-21-08'	"
+25	13-13-01'	"
+50	16-04-54'	"
E.C. +77.81	19-16-07½'	27.807

Cont. from top Pg. 59

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line.
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 4-1-30 Notes by Hellstrom Chief Party Weather - Perfect F.B. 416 Pg 61

Platted by H.U.M.H.	W.O. No. 948 Type No. #19
Date NOV 21 1931	Location Cp. Bon Pr. Fk Rd.
Map No. B.471-2	Surveyed by Hellstrom
Platting C'k'd by K.R.M.P.	Date 4-1-30
Date NOV 2 1931	Indexed A. C. Johnson



Sta.	Defl.	Cds.
BC. 262+74.24		
263	1-48-33	25.25
+25	3-35-59	24.996
+50	5-23-24	"
+75	7-10-50	"
EC. +93.02	8-28-15	181.018

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 62 Chief Party Notes by Hellstrom Date 4-2-30

Cont. on bottom Pg 63

① 136.89 @ 22-06 TG8 = 126.82
② 136.98 @ 22-11 TG8 = 126.83
F.T.D. = 126.82

① 131°-30'-00"
② 525-58'-30"
131°-29'-35"

131°-29'-35"

P.O.T. 79B
Set 2X2
264+49.08

① 64°-55'-45"
② 259°-42-30
64-55-40

41°-30'-25" Calc

R.P.
P.O.S.T. 79A
Set Spk W.G.T.

64°-55'-40"

103.55

Calc 125.20

E.C. 266+38.20
Set 1X2

① 37.42 @ 29-58 TG6 = 32.42
② 36.60 @ 27-40 TG6 = 32.42
F.T.D. = 32.42

Set L.B.T.

R.P.
P.O.S.T. 79A

66°-33'-55" Calc.

P.C. 266+38.20

(New P.I. 79
See p. 278, 283

~~Continued from Pg 163~~
Δ = 66°-33'-55"
R = 175
T = 114.85
L = 203.31
E = 34.34

① 162.88 @ 10°-47 TG6 = 159.40
② 162.41 @ 11-03 TG6 = 159.38
F.T.D. = 159.39

P.I. 79
Nothing Set

113°-26'-05" Calc

Adopted R/W. &

P.O.S.T. 79A
Set 2X2

This & Abandoned

BC 264+35.39
Set 1X2

See P. 278

Sta.	Defl.		
BC 264+35.39			
+50	2-22-30	:	14.606
+75	6-27-03	:	24.98
265	10-34-36	:	"
+25	14-40-10	:	"
+50	18-45-43	:	"
+75	22-51-16	:	"
266	26-56-49	:	"
+25	31-02-22	:	"
EC +38.20	33-16-57½	:	13.697

Curve #79 is Void - See Pgs. 177 to 183 Incl. C.E.B.

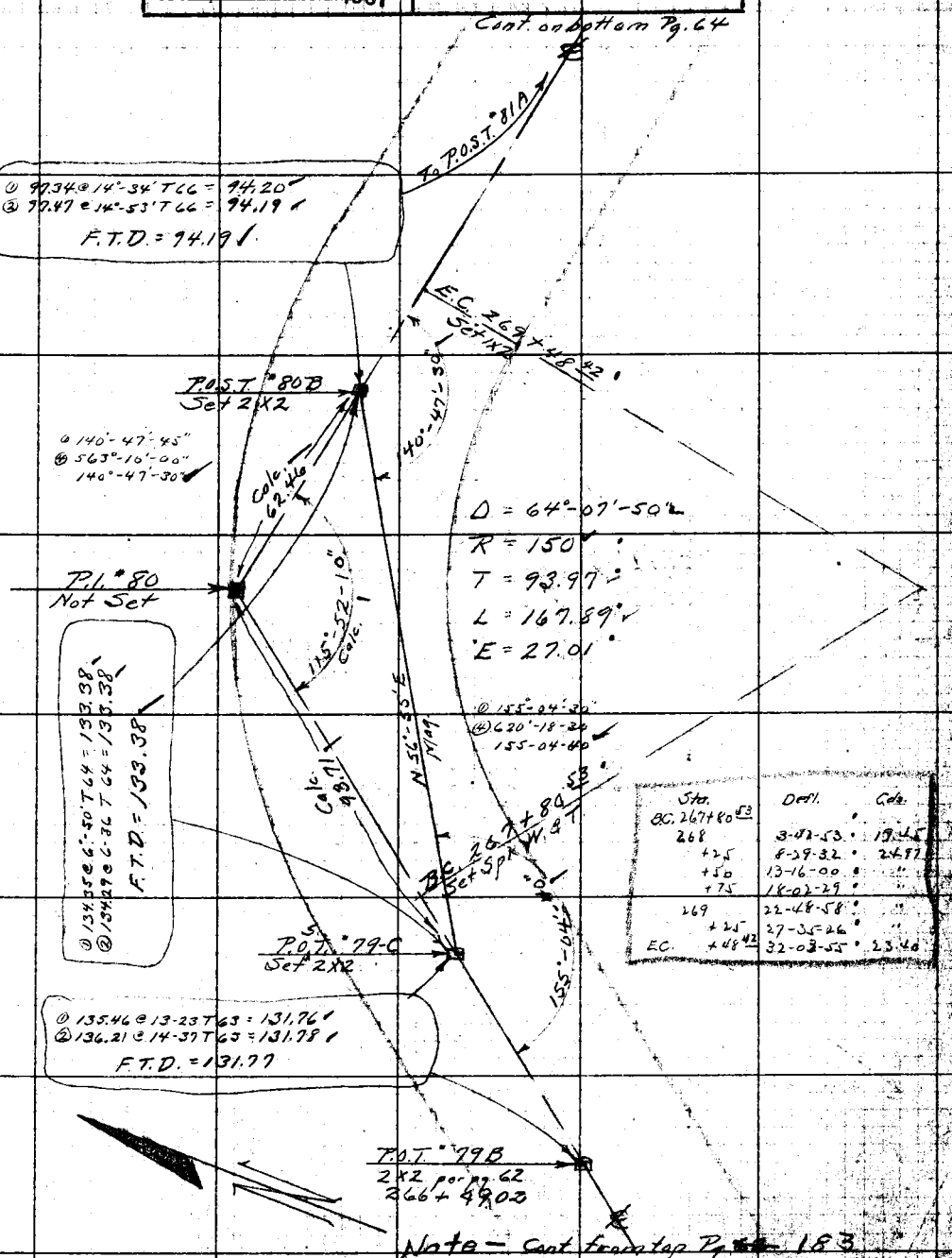
Cont. from top Pg. 61

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 4-2-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 63

Planted by H. U. M. H.	W. O. No. 948 Tape O. C. O. No. 19
Date NOV 21 1931	Location Cp. Bon Pr. Fk. Rd.
Map No. B. 471-2.	Surveyed by Hellstrom
Plotting C'k'd by K. R. McR.	Date 4-2-30
Date NOV 2 1931	Indexed A. C. Johnson

Hellstrom
Tombleson
McCarver
Mannion
Stewart



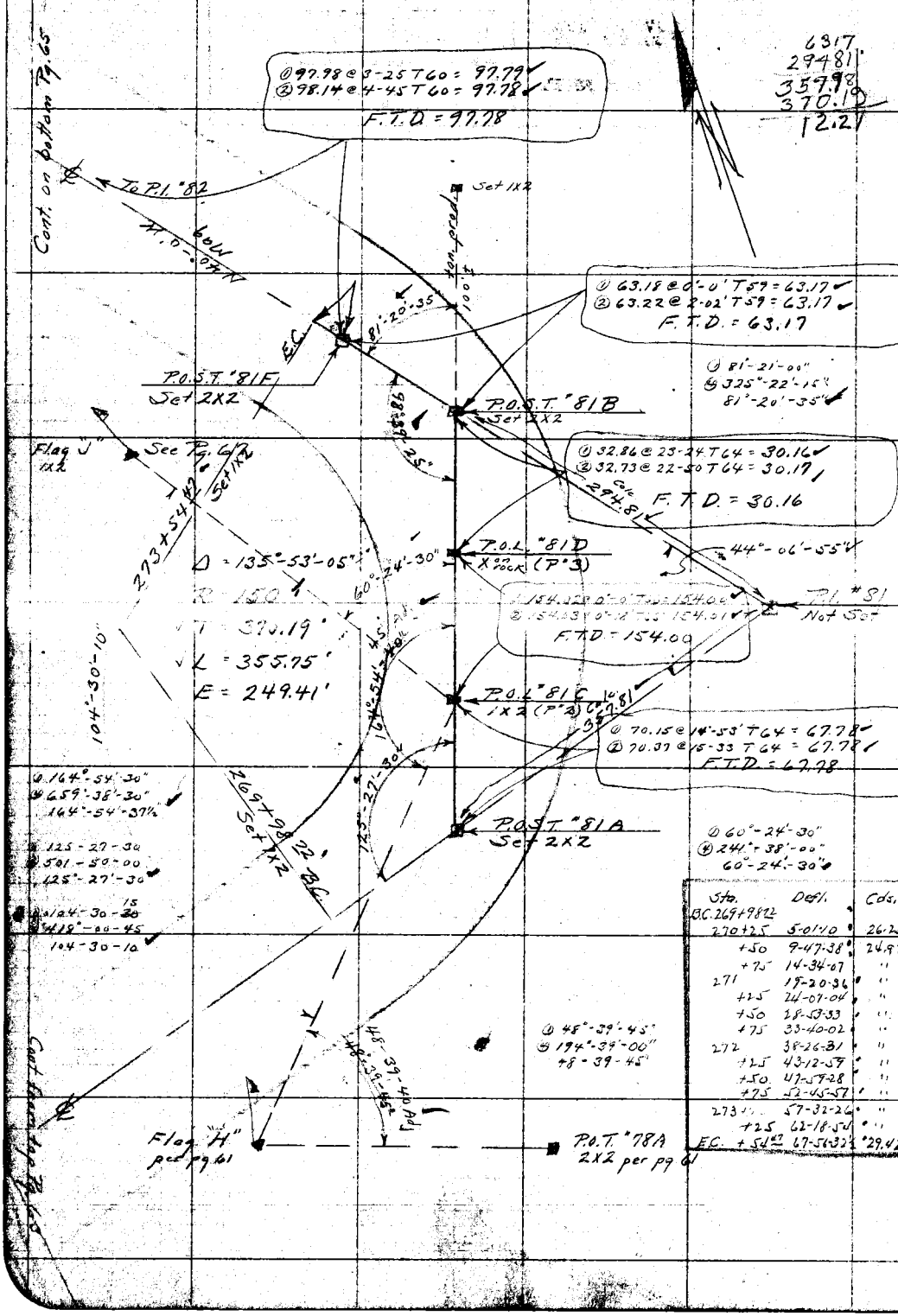
Sta.	Defl.	Cds.
B.C. 267+80.53		
268	3-02-53	19.45
+25	8-29-32	24.97
+50	13-16-00	"
+75	18-02-29	"
269	22-48-58	"
+25	27-35-26	"
E.C. +48.42	32-03-55	23.40

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F. B. 416 Pg. 64 Chief Party Notes by Hellstrom Date 4-2-30



Sta.	Defl.	Cds.
B.C. 269+98.22		
270+25	5-01-10	26.25
+50	9-47-38	24.97
+75	14-34-07	"
271	19-20-36	"
+25	24-07-04	"
+50	28-53-33	"
+75	33-40-02	"
272	38-26-31	"
+25	43-12-57	"
+50	47-59-28	"
+75	52-45-57	"
273	57-32-26	"
+25	62-18-54	"
E.C. +54.42	67-56-33½	29.42

RETURN TO
LOS ANGELES COUNTY SURVEYOR

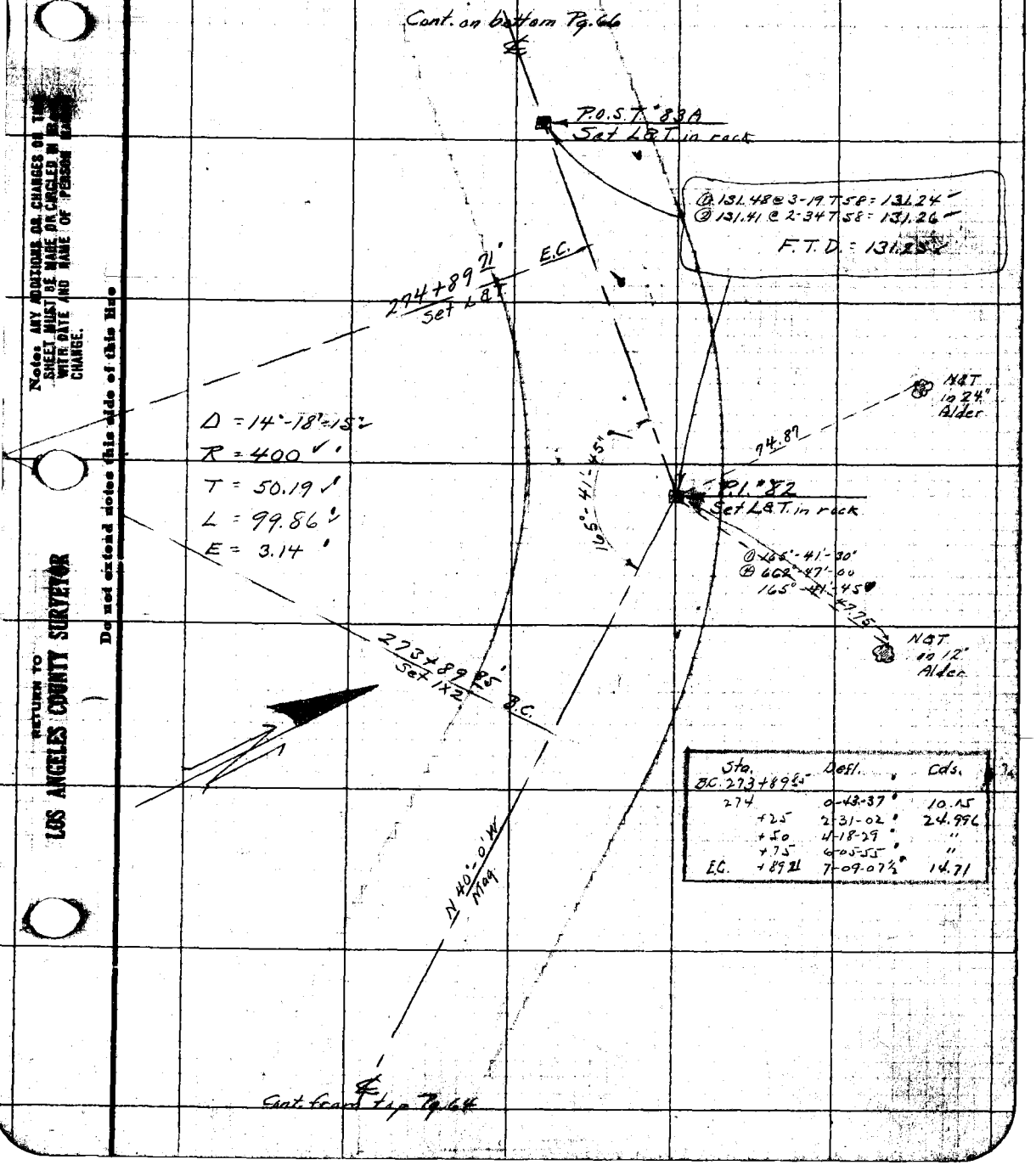
Do not extend notes this side of this line

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

Date 4-2-34 [redacted] F.B. 416 Pg. 65

Plotted by H.U.M.H.	W.O. No. [illegible] B.O.O. No. [illegible] tape [illegible]
Date NOV 21 1931	Location Cp. Bon. Pc. Fk. Rd
Map No. B.1171-2	Surveyed by Hellstrom
Plotting Ck'd by K.R.M.P.	Date 4-2-34
Date NOV 22 1931	Indexed A. C. Johnson

Note: We are now using chain #14 Calibration =
100'-19" @ 84°F
200'-28½" " "
300'-39" " "



Sta.	Defl.	Cds.
B.C. 273+89.85		
274	0-43-37	10.15
+25	2-31-02	24.996
+50	4-18-29	"
+75	6-05-55	"
E.C. +89.71	7-09-07½	14.71

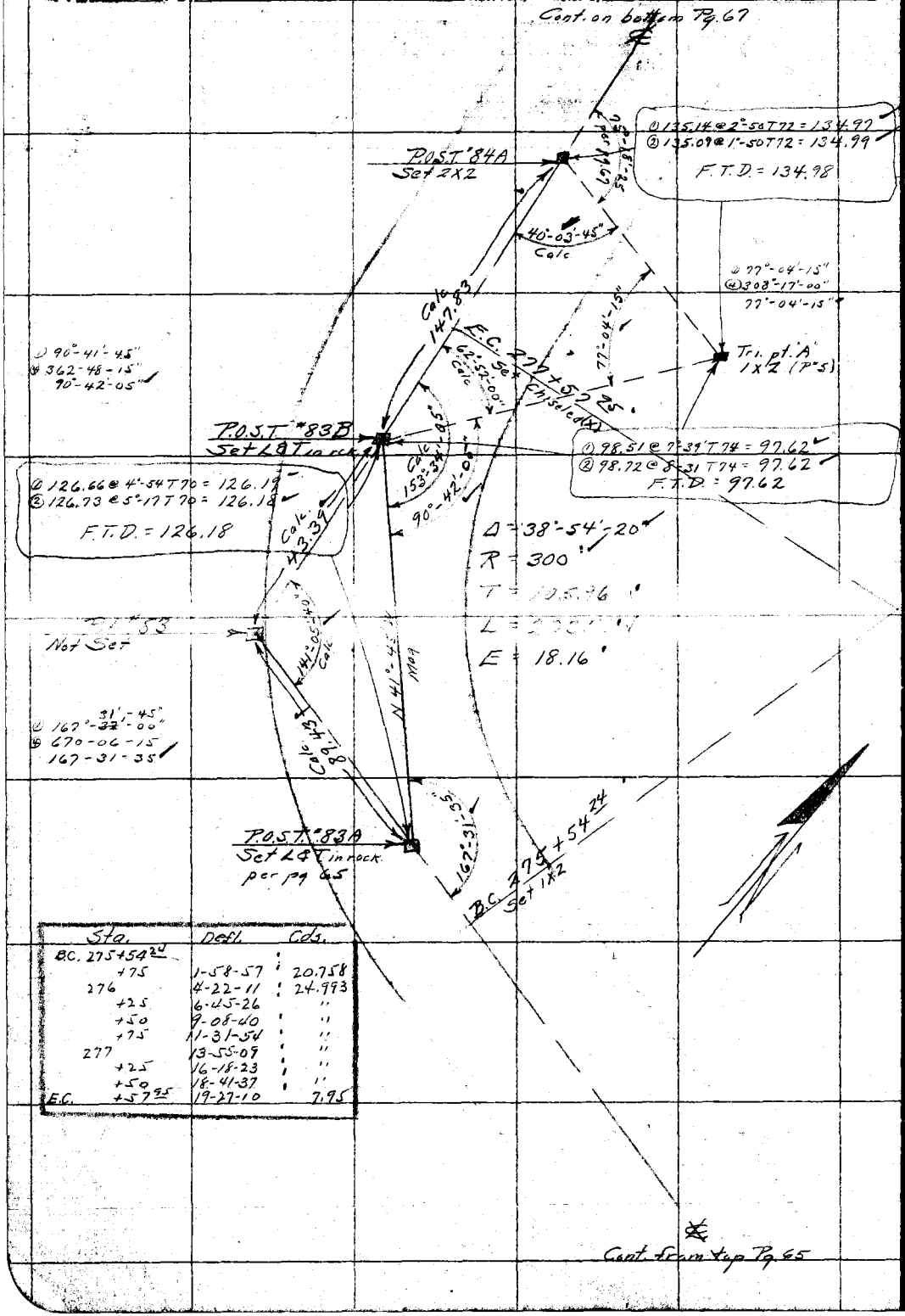
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN BLACK WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 66 Chief Party Notes by Hallstrom Date 4-3-30

Cont. on bottom Pg. 67



Sta.	Defl.	Cds.
BC. 275+54.24		
+75	1-58-57	20.758
276	4-22-11	24.993
+25	6-45-26	"
+50	9-08-40	"
+75	11-31-54	"
277	13-55-09	"
+25	16-18-23	"
+50	18-41-37	"
E.C. +57.95	19-27-10	7.95

Cont. from top Pg. 65

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 4-11-30 Notes by Hellstrom Chief Party F.B. 416 Pg 67

Plotted by H. U. M. H.	W. O. No. 948 Tape No. 14
Date NOV 21 1931	Location Cp Bon. Pr Fr Rd
Map No. B.471-2	Surveyed by Hellstrom
Plotting Ck'd by K. R. McM.	Date 4-11-30
Date NOV 22 1931	Indexed A. C. Johnson

① 117°-04'-15"
② 46°-16-30"
117-04-05

① 227.14 @ 1-47' T68 = 227.01
② 227.08 @ 1-28 T68 = 226.99
F.T.D = 227.00

① 81°-36'-00"
② 326-25-00
81-36-15

Cont. on bottom Pg. 68

To P.I. "85

280+63.07
P.O.T. "84C
Set 2X2

① 77.67 @ 1-50 T68 = 77.62
② 77.65 @ 1-11 T68 = 77.62
F.T.D. = 77.62

To P.O.L. "81C per pg. 64

E.C. Set 1X2

N74°-15'E M.P.

280+24.34

① 123°-39'-15"
② 494°-39'-00"
123-39-15

P.O.S.T. "84B
Set 2X2

① 148.16 @ 5-20' T68 = 147.50
② 148.23 @ 5-35' T68 = 147.51
F.T.D. = 147.50

123°-39'-15"

155.44 Calc

Flag "J" per pg. 64

Flag K See pg. 74

① 153°-45'-15
② 615°-01'-00
153-45-15

Δ = 120°-58'-35"
R = 110
T = 194.33
L = 232.26
E = 113.30

P.I. "84
Not Set

39°-01'-25" Calc

143.20 Calc

① 75°-18'-15"
② 301°-13'-30"
75-18-25

75°-18'-25"

Tri. pt. "A
1X2 (P.O.S.)
per pg. 66

P.O.S.T. "84A
2X2 per pg. 66

40°-03'-45" Calc. pg. 66

B.C. 277+92.08
Set chiseled (X)

Cont. pg. 66

Sta.	Defl.	Cds.
B.C. 277+92.08		
278	2-03-45	7.918
+25	8-34-25	24.95
+50	15-05-04	"
+75	21-35-43	"
279	28-06-22	"
+25	34-37-01	"
+50	41-07-41	"
+75	47-38-20	"
280	54-08-59	"
E.C. +24.30	60-29-17½	24.29

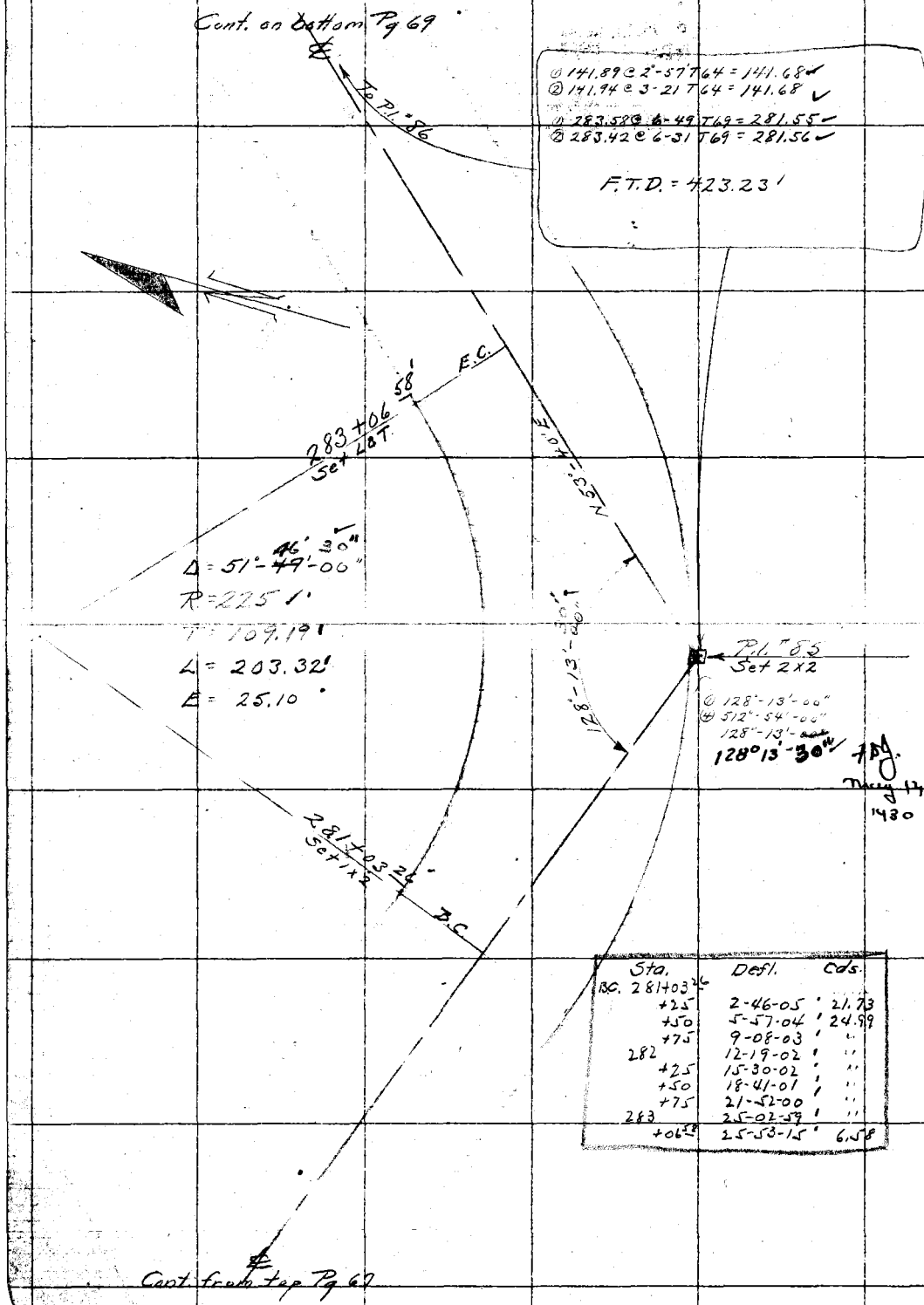
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE IN RED, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F. B. 416 Pg. 68 Chief Party Notes by Hellstrom Date 4-11-30

Cont. on bottom Pg 69



Sta.	Defl.	Cds.
B.C. 281+03 26		
+25	2-46-05	21.73
+50	5-57-04	24.99
+75	9-08-03	"
282	12-19-02	"
+25	15-30-02	"
+50	18-41-01	"
+75	21-52-00	"
283	25-02-59	"
+06 58	25-53-15	6.58

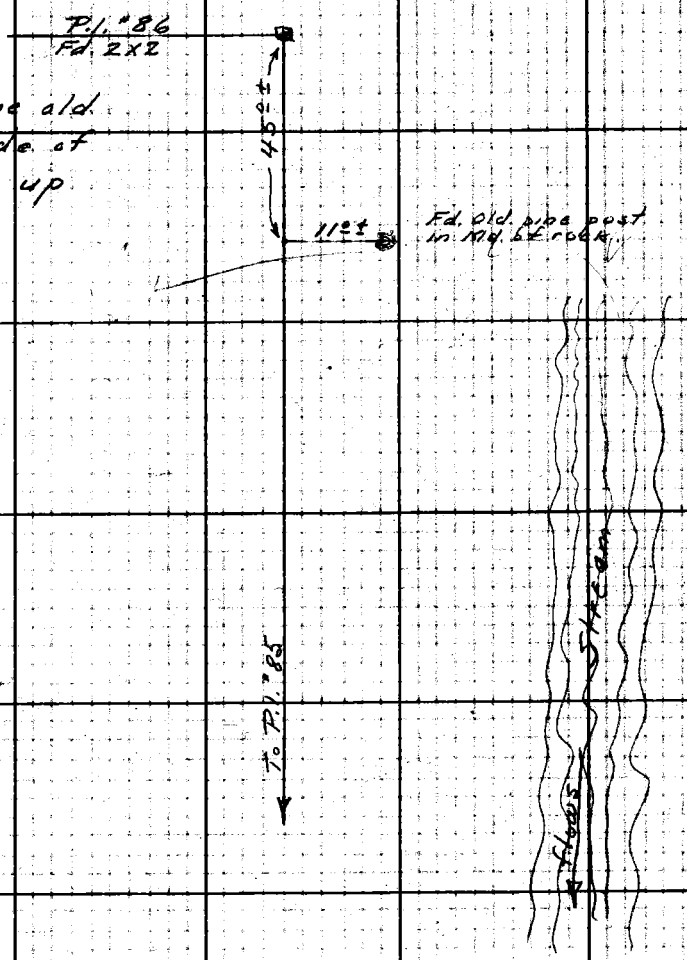
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Notes Ck'd by	Survey of Cp. Bon. Pr. Fk. Rd.	F.B. Pg.
Map No.	W. O. Tape No St'd of.	
Office Work	Surveyed by A. N. HELLSTROM	
Checked	Notes Date 8-25-34	
Date	Indexed	

Johnny here is that tie to mining claim post you asked for in East Fork San Gab.



This is on the old ℄ on Left side of stream going up

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAK. THE CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 SM 2-34

RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

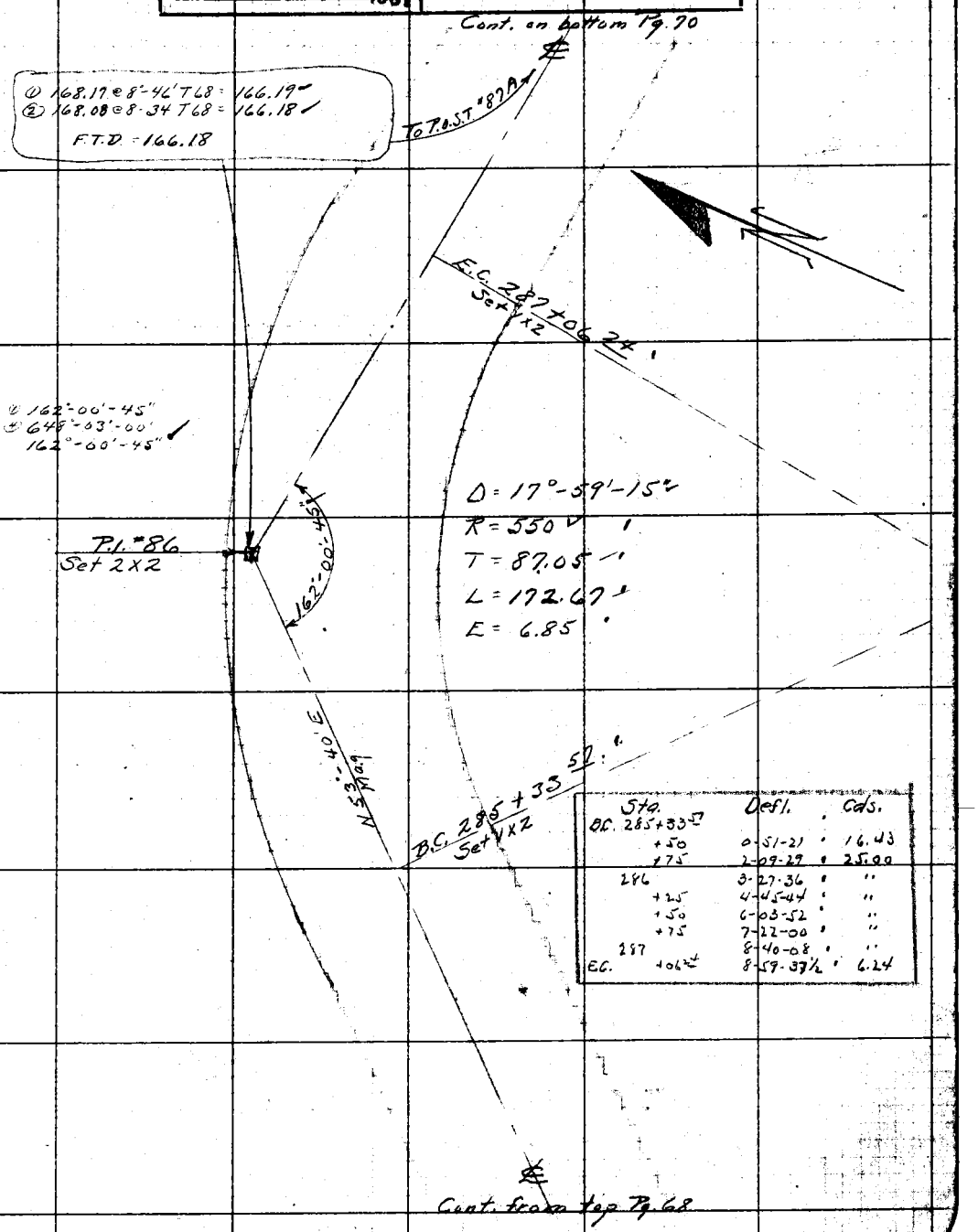
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red Ink** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

F.B. _____ PG. _____

Date 4-23-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 69

Plotted by H.U.M.D.	W.O. No. 948 tape No. 14
Date NOV 21 1931	Location Cp. Bon Pr. Fk Rd
Map No. B.471-2.	Surveyed by Hellstrom
Plotting C'k'd by K.R.M.P.	Date 4-23-30
Date NOV 22 1931	Indexed A. C. Johnson



Sta.	Defl.	Cds.
B.C. 285+33.57		
+50	0-51-21	16.43
+75	2-09-29	25.00
286	3-27-36	"
+25	4-45-44	"
+50	6-03-52	"
+75	7-22-00	"
287	8-40-08	"
E.C. +06.24	8-59-37½	6.24

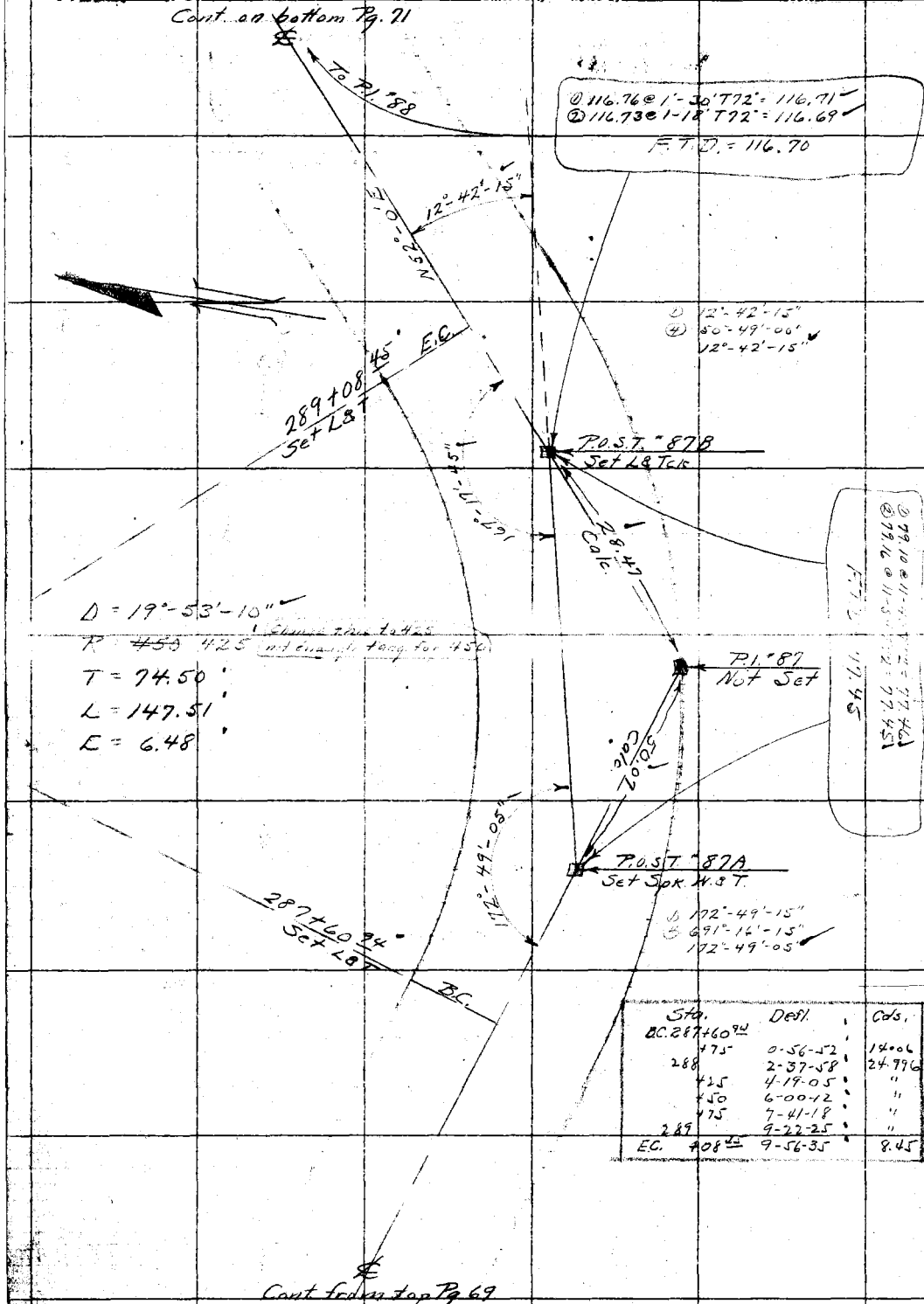
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 70 Chief Party Notes by Hellstrom Date 4-26-30

Cont. on bottom Pg. 71



Sta.	Defl.	Cds.
B.C. 287+60.94		
+75	0-56-52	14.06
288	2-37-58	24.996
+25	4-19-05	"
+50	6-00-12	"
+75	7-41-18	"
289	9-22-25	"
E.C. +08.45	9-56-35	8.45

Cont. from top Pg. 69

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 4-26-30 Notes by Hellstrom Chief Party F.B. 416 Pg 71

Platted by H.U.M.H.	W.O. No. 948 ~~S.C.O. No.~~ tape #14
Date NOV 21 1931	Location Cp. Bon Pr. Fk. Rd.
Map No. B.471-2	Surveyed by Hellstrom
Platting C'k'd by K.R.McP.	Date 4-26-30
Date NOV [illegible]	Indexed A. C. Johnson

Cont. on bottom Pg. 72

① 159.79 @ 1°-13' T68 = 159.73 ✓
② 159.81 @ 1-32 T68 = 159.73 ✓
F.T.D. = 159.73

To P.I. #89

E.C. 290 + 44.47'
Set Spk. W.&T.

Δ = 27°-47'-20" ✓
R = 275 ✓
T = 68.03'
L = 133.38'
E = 8.29'

P.I. #88
Set 2x2

① 152°-12'-45"
④ 608°-50'-45"
152°-12'-40 ✓

152°-12'-40"

N 52°-0' E
Mag

B.C. 289 + 11.09'
Set L&T

Sta.	Defl.	Cds.
B.C. 289+11.09		
+25	1-26-56	13.91
+50	4-03-12	24.99
+75	6-39-28	"
290	9-15-44	"
+25	11-52-00	"
E.C. +44.47	13-53-40	19.47

Cont from top Pg. 70

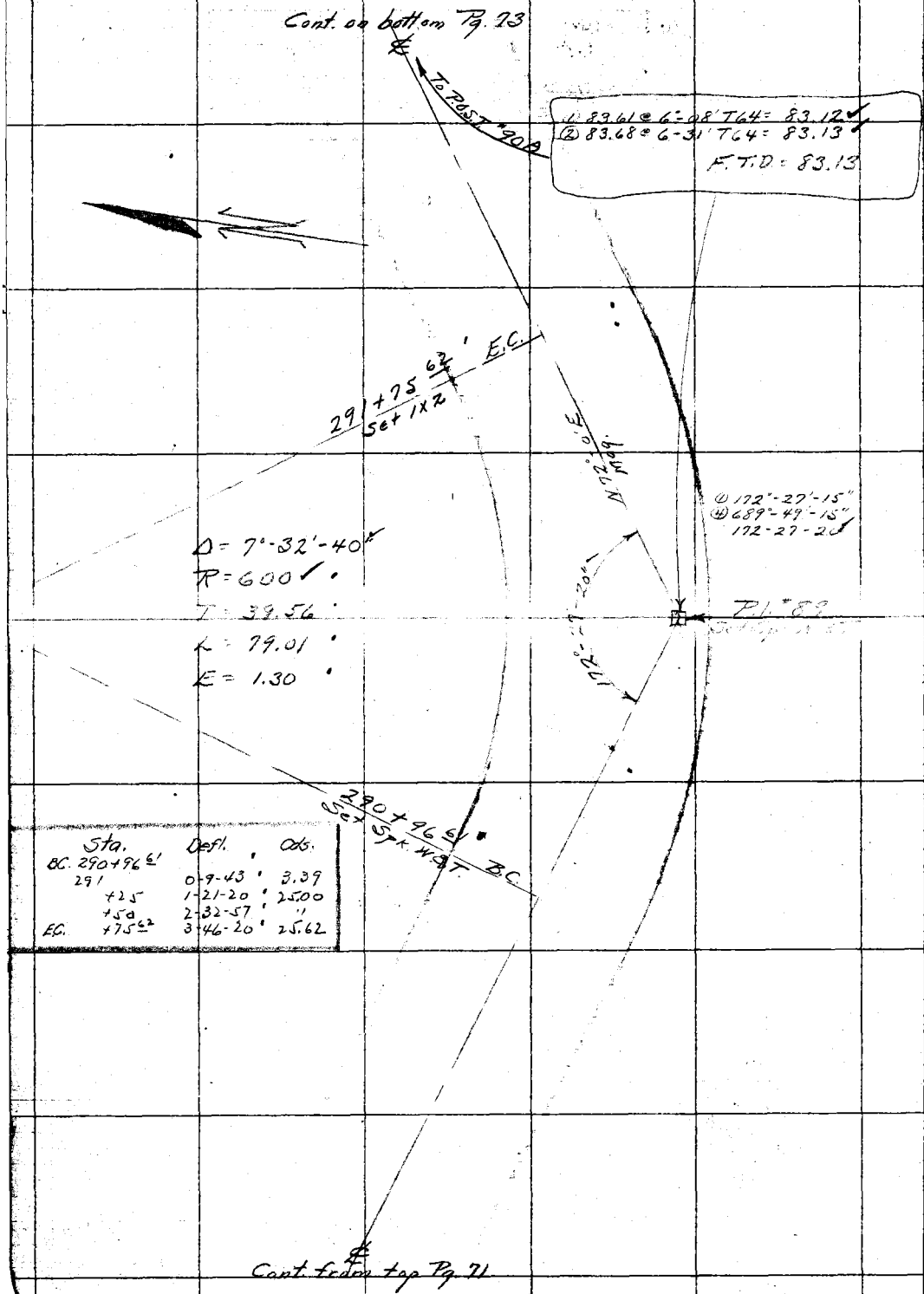
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 72 Chief Party Notes by Hellstrom Date 4-26-30

Cont. on bottom Pg. 73



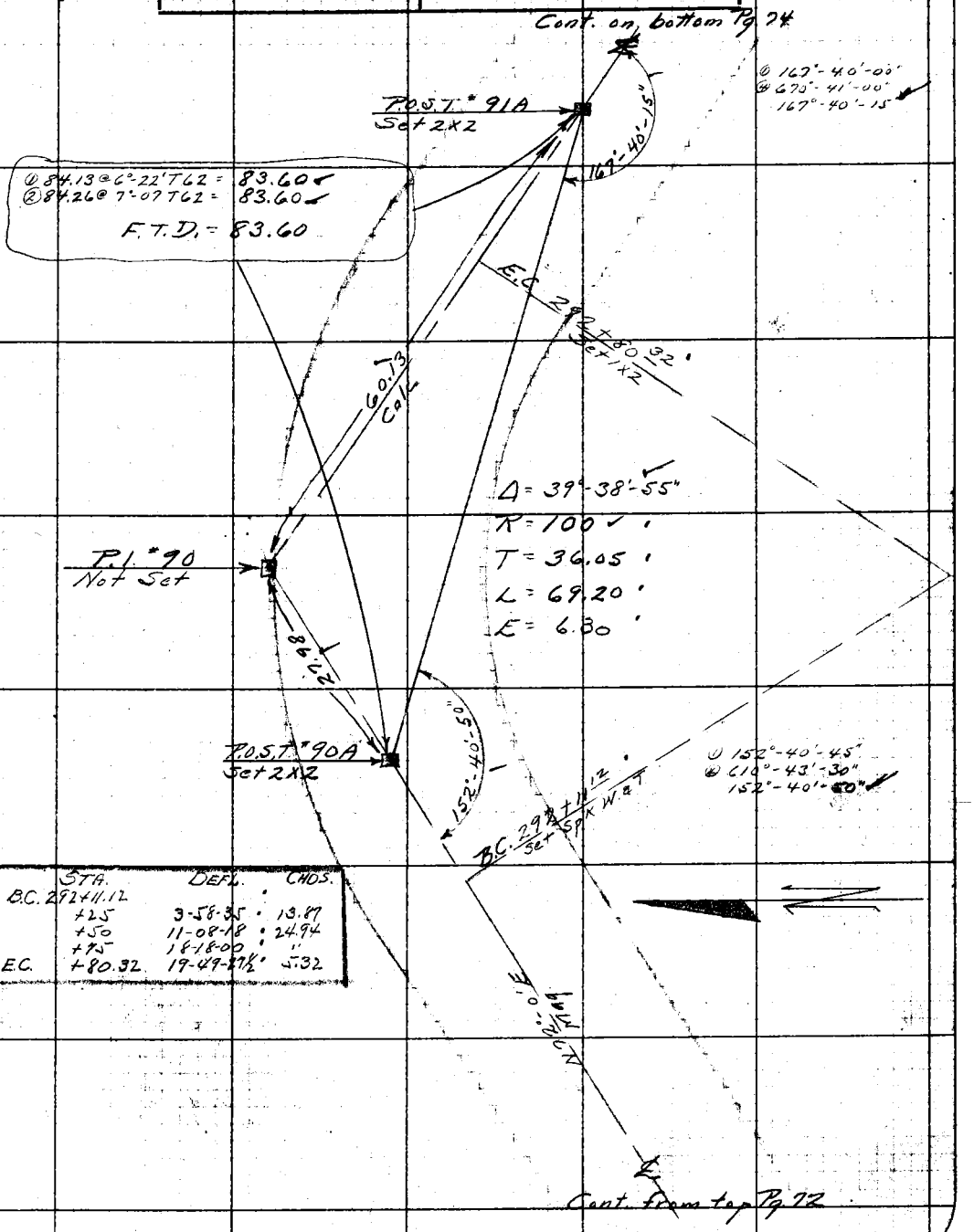
Sta.	Defl.	Ods.
B.C. 290+96 61		
291	0-9-43	3.39
+25	1-21-20	25.00
+50	2-32-57	"
E.C. +75 62	3-46-20	25.62

Cont. from top Pg. 71

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 4-26-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 73

Plotted by H. U. M. H.	W. O. No. 948 ~~G.C.O. No.~~ Tops #14
Date NOV 21 1931	Location Cp Bon Pr Fk Rd
Map No. B.471-2	Surveyed by Hellstrom
Plotting C'k'd by K. R. McD	Date 4-26-30
Date 1931	Indexed A. C. Johnson



	STA.	DEFL.	CHDS.
B.C.	292+11.12		
	+25	3-58-35	13.87
	+50	11-08-18	24.94
	+75	18-18-00	"
E.C.	+80.32	19-49-27½	5.32

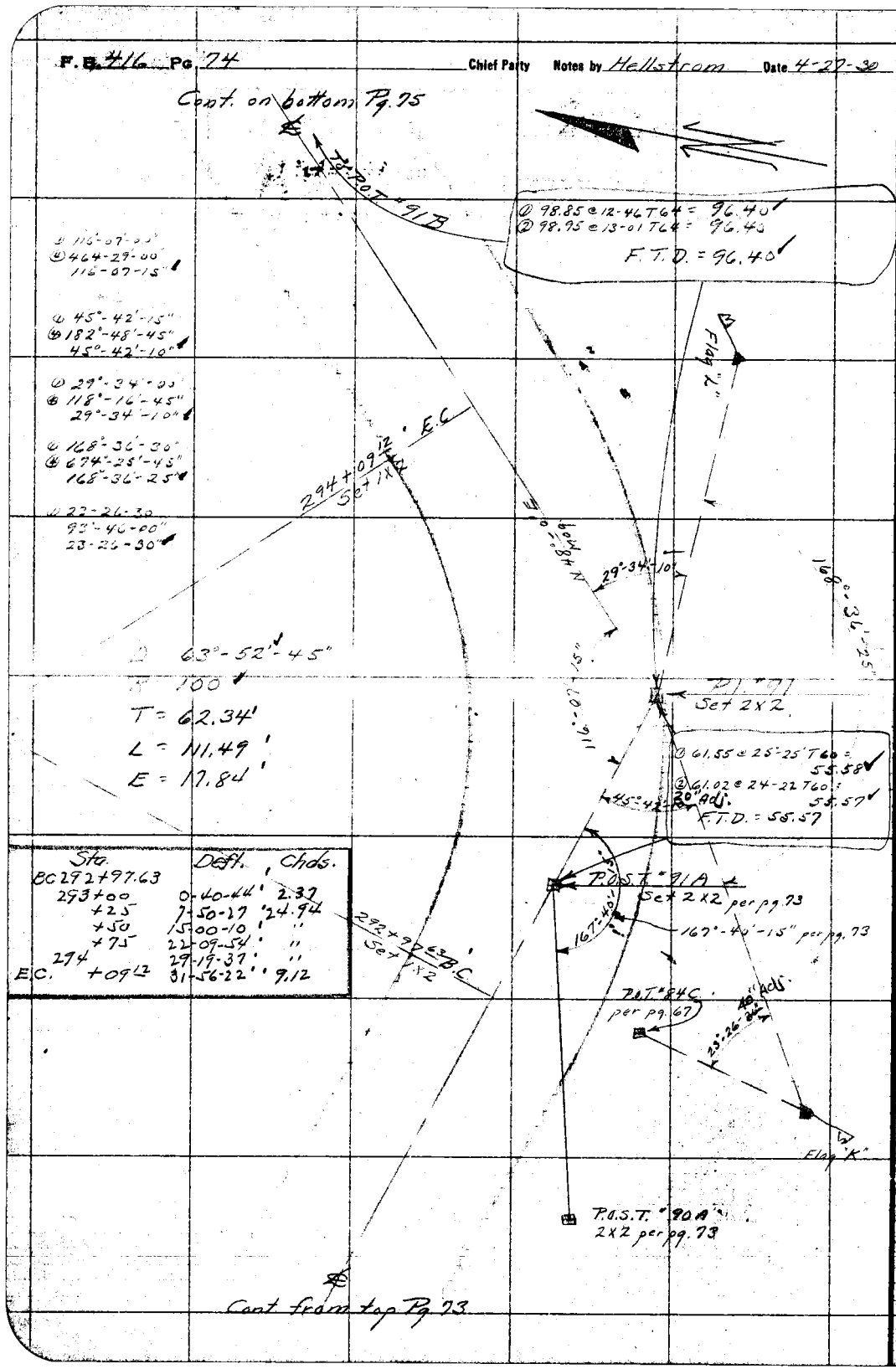
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. #16 Pg. 74 Chief Party Notes by Hellstrom Date 4-27-30

Cont. on bottom Pg. 75



Sta.	Defl.	Chds.
BC 292+97.63	0-40-44'	2.37
293+00	7-50-27'	24.94
+25	15-00-10'	"
+50	22-09-54'	"
+75	29-19-37'	"
294	31-56-22'	9.12
E.C. +09.12		

Cont from top Pg. 73

RETURN TO LOS ANGELES COUNTY SURVEYOR

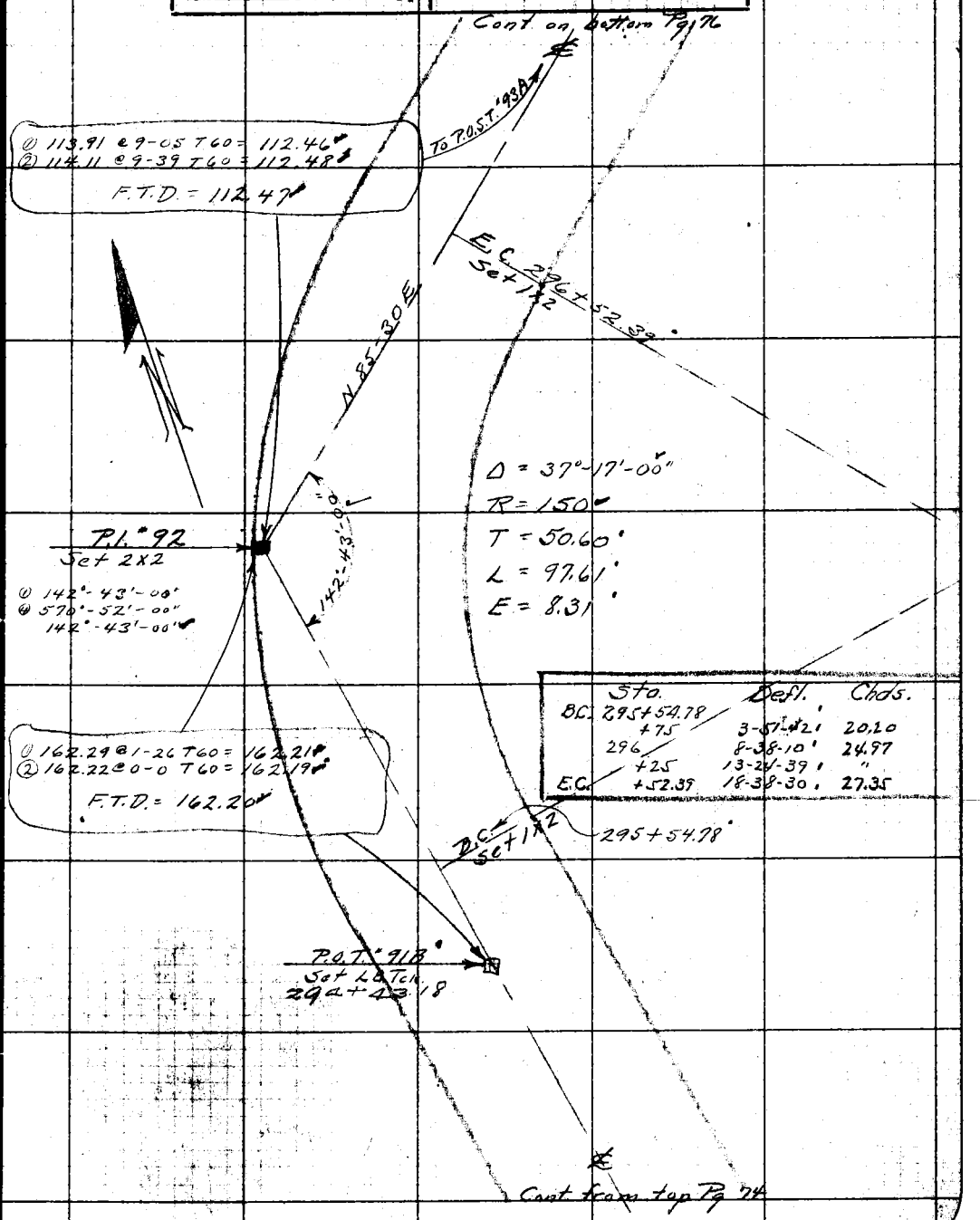
Do not extend notes this side of this line

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

Date 4-27-30 Notes by Hellstrom Chief Party F.B. 416 Pg 75

Plotted by H.U.M.H.	W.O. No. 948 tape No. 14
Date NOV 21 1931	Location Cp. Bon. Pr. Fk. Rd
Map No. B. 471-2	Surveyed by Hellstrom
Plotting C'k'd by K.R. McP.	Date 4-27-30
Date NOV 2 1931	Indexed A. C. Johnson

Hellstrom
Tombleson
McCarver
Mannion
C. Stewart



	Sta.	Defl.	Chds.
B.C.	295+54.78		
	+75	3-51-42	20.20
	296	8-38-10	24.97
	+25	13-24-39	"
E.C.	+52.39	18-38-30	27.35

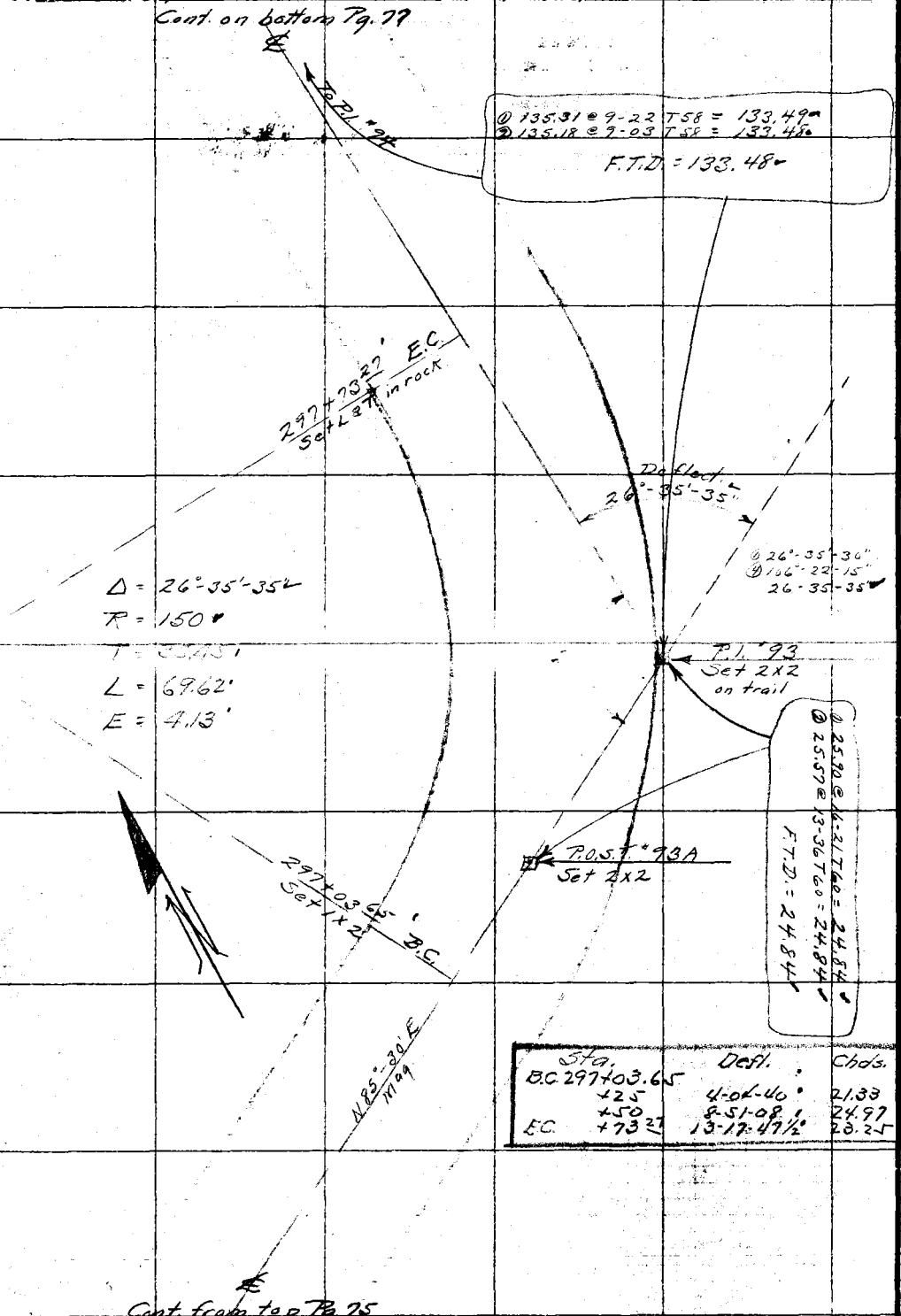
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F. B. 416 Pg. 76 Chief Party Notes by Hellstrom Date 4-28-30

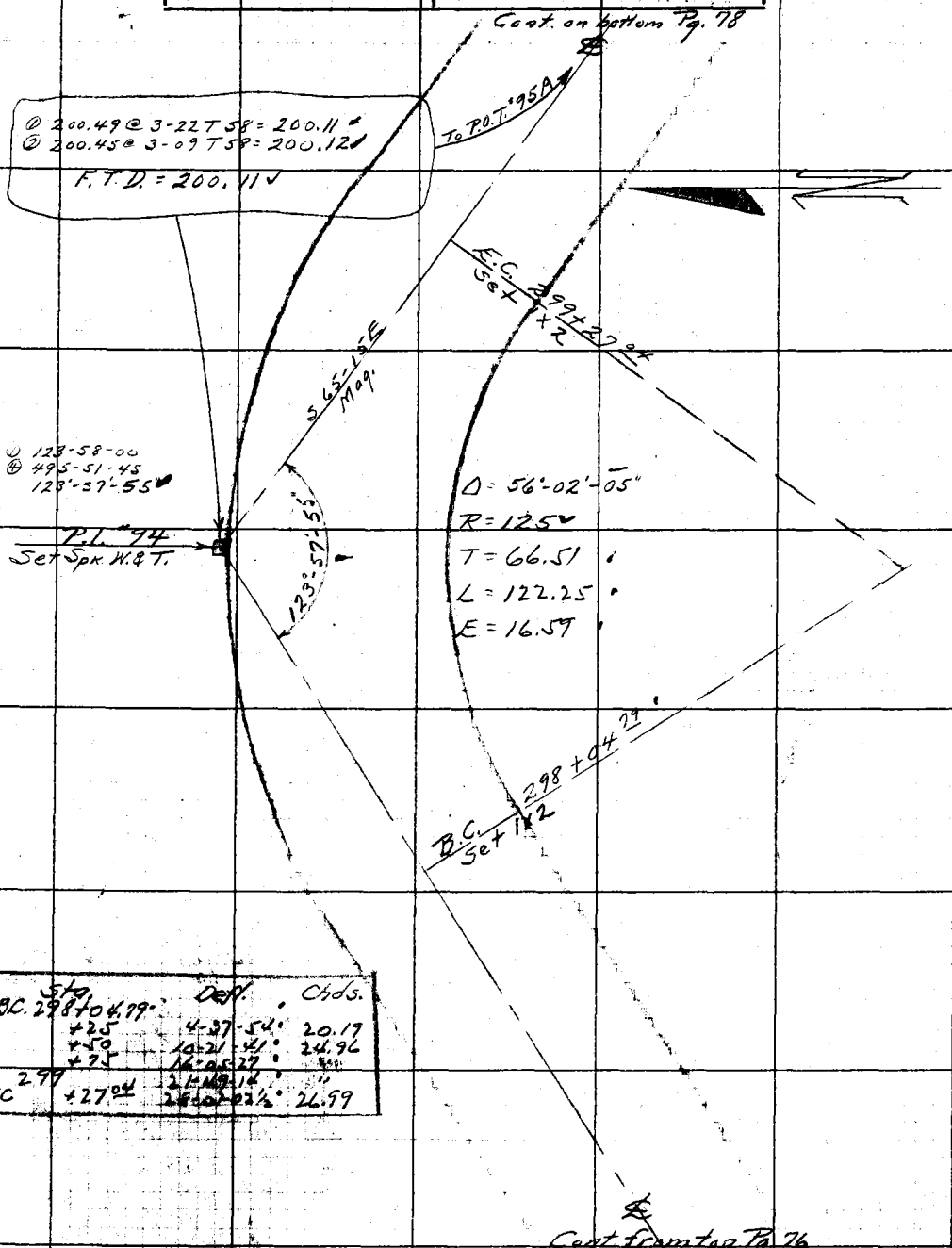
Cont. on bottom Pg. 77



RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 4-28-30 Notes by Hellstrom Chief Party F.B. 416 Pg 77

Plotted by H.U.M.H.	W.O. No. 948 Tope No. #14
Date NOV 21 1931	Location Cp. Bon Pr. Fk Rd
Map No. B.471-2	Surveyed by Hellstrom
Plotting C'k'd by K.R. Mcp.	Date 4-28-30
Date NOV 22 1931	Indexed A. C. Johnson



Sta.	Defl.	Chds.
B.C. 298+04.79		
+25	4-37-54	20.19
+50	10-21-41	24.96
+75	16-05-27	
EC 299 +27.04	21-49-14	
	28-02-02½	26.99

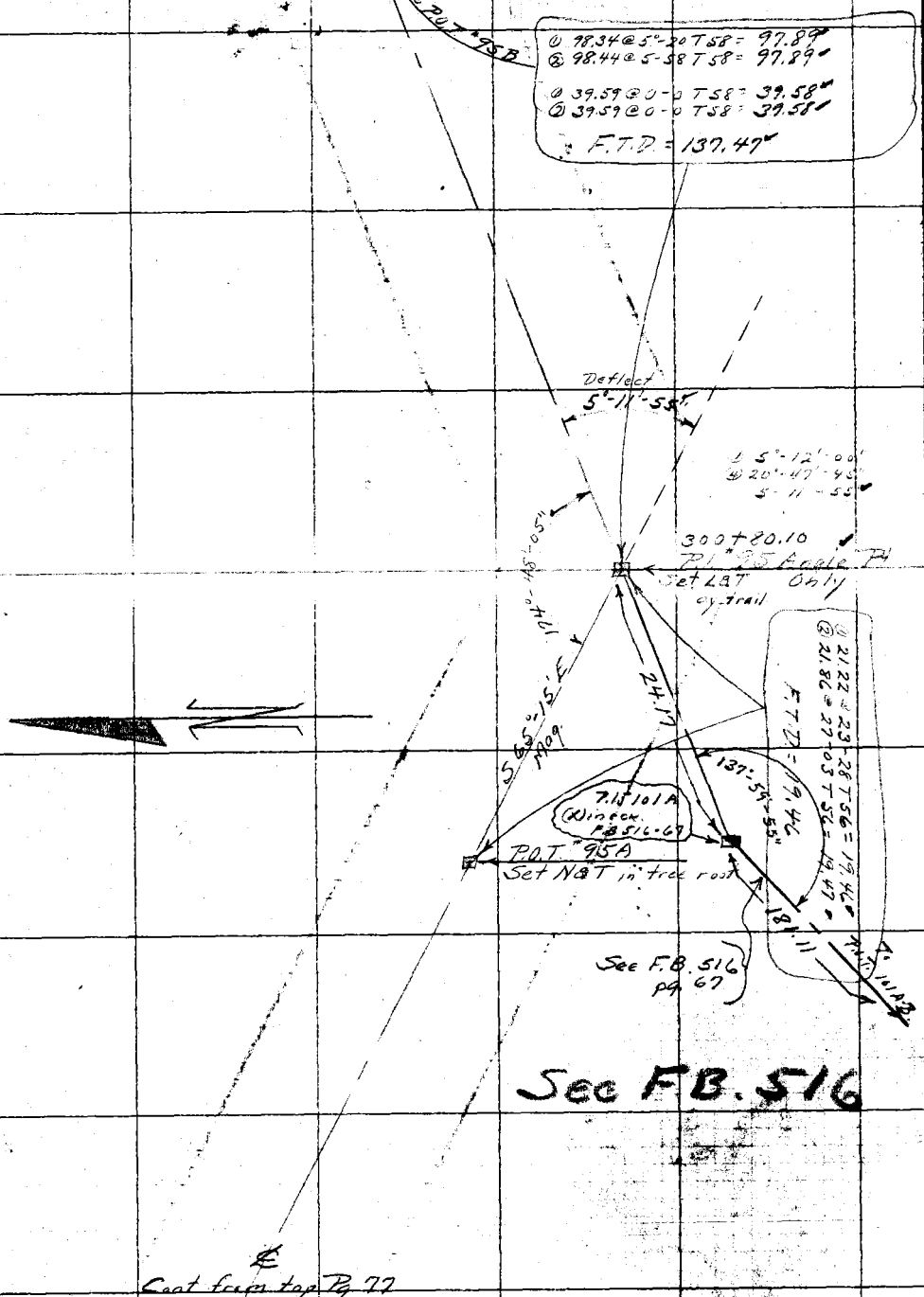
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 PG. 78 Chief Party Notes by Hellstrom Date 4-28-30

Cont. on bottom Pg 79



Cont from top Pg 77

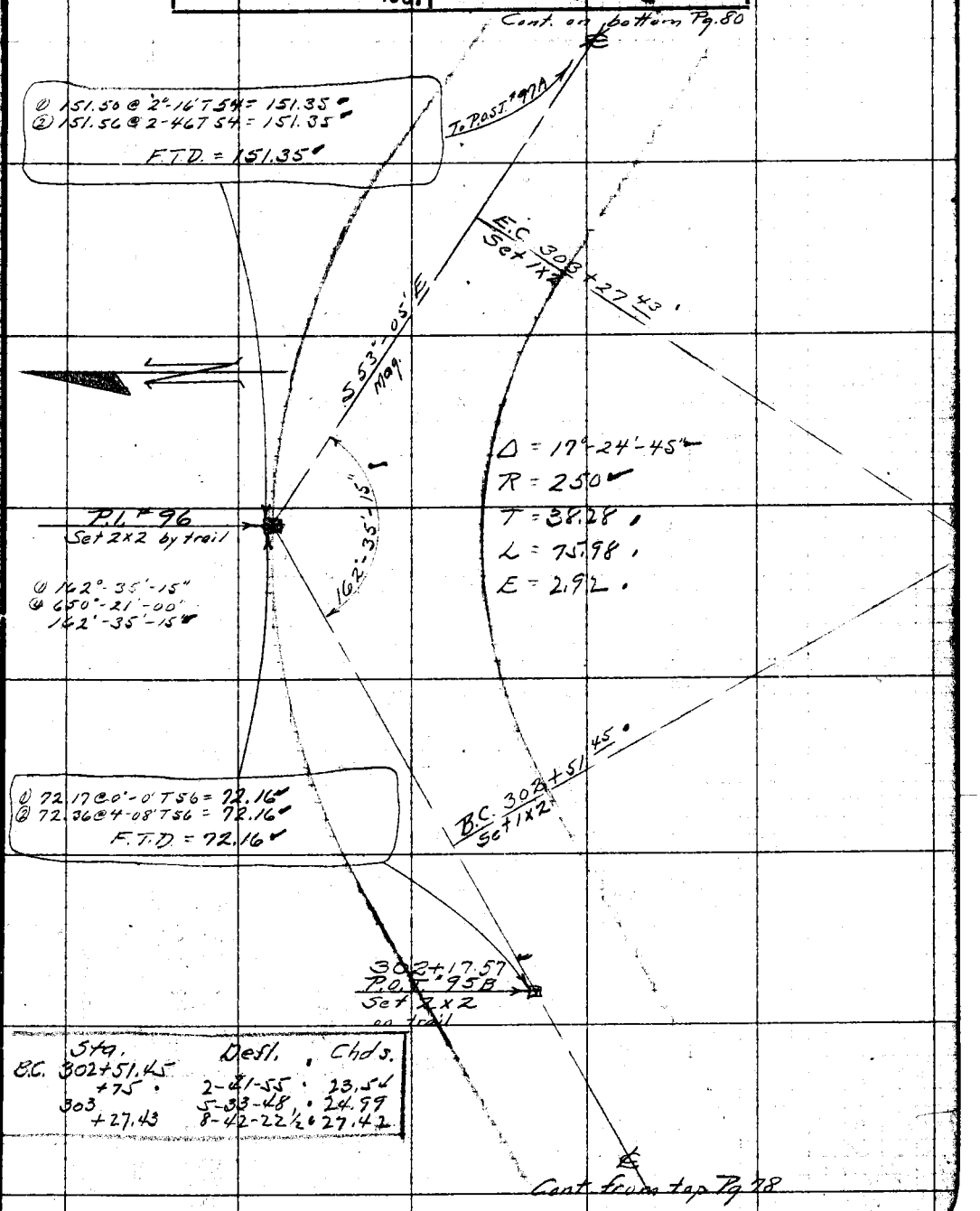
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 4-28-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 79

Plotted by H.U.M.H.	W.O. No. 948 ~~C.B.C.~~ Topo. No. #14
Date NOV 21 1931	Location Cp. Bon Pt Fk Rd
Map No. B.471-2	Surveyed by Hellstrom
Plotting C'k'd by K.R. McP.	Date 4-28-30
Date NOV 22 1931	Indexed A. C. Johnson



Sta.	Defl.	Chds.
B.C. 302+51.45		
+75	2-41-55	23.54
303	5-33-48	24.99
+27.43	8-42-22½	27.42

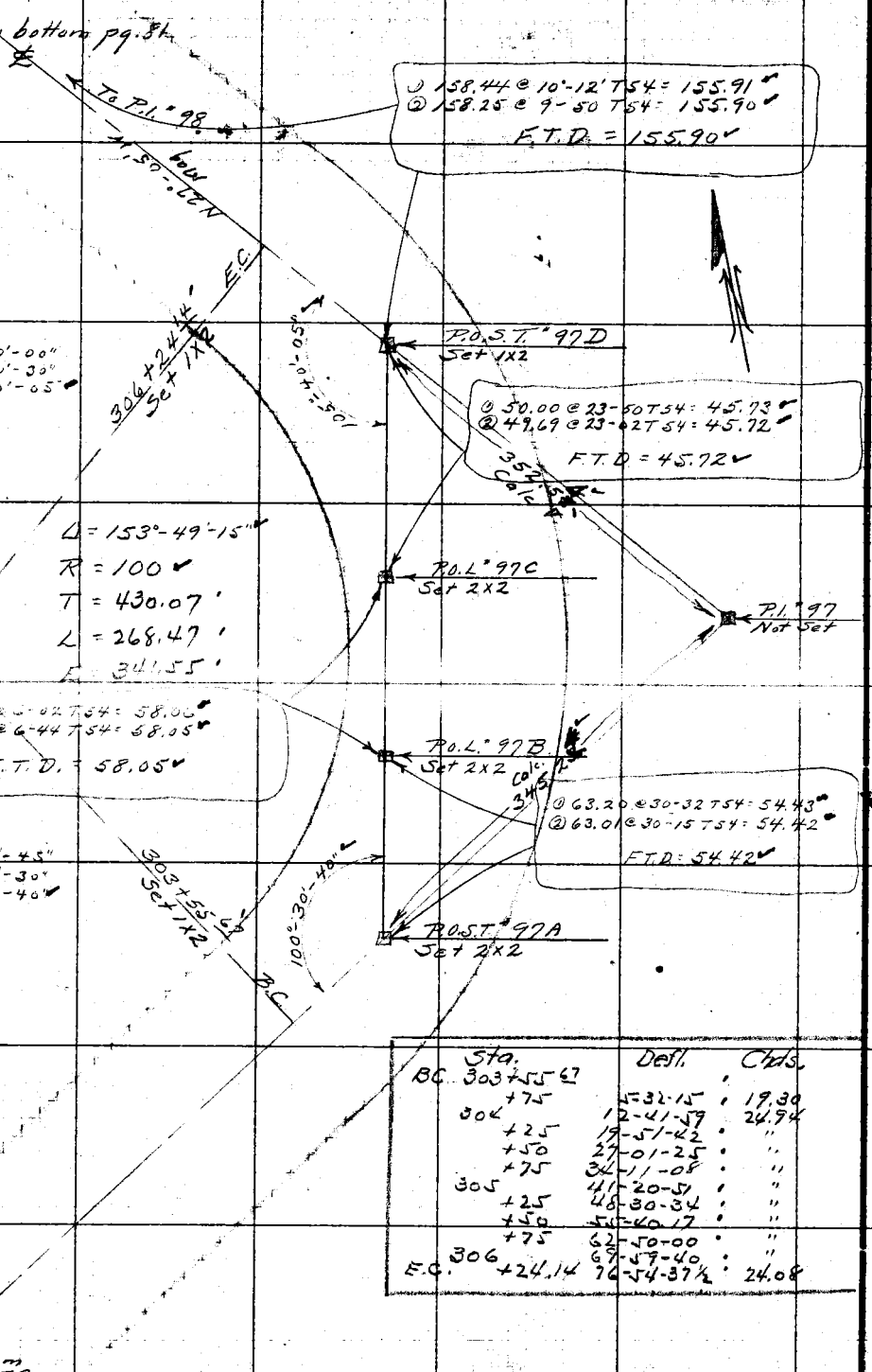
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F. B. 416 Pg. 80 Chief Party Notes by Hellstrom Date 4-29-30

Cont. on bottom pg. 81



Sta.		Defl.	Chds.
B.C.	303+55.67		
	+75	5-32-15	19.30
	304	12-41-59	24.94
	+25	19-51-42	"
	+50	27-01-25	"
	+75	34-11-08	"
	305	41-20-51	"
	+25	48-30-34	"
	+50	55-40.17	"
	+75	62-50-00	"
	306	69-59-40	"
E.C.	+24.14	76-54-37½	24.08

RETURN TO
LOS ANGELES COUNTY SURVEYOR

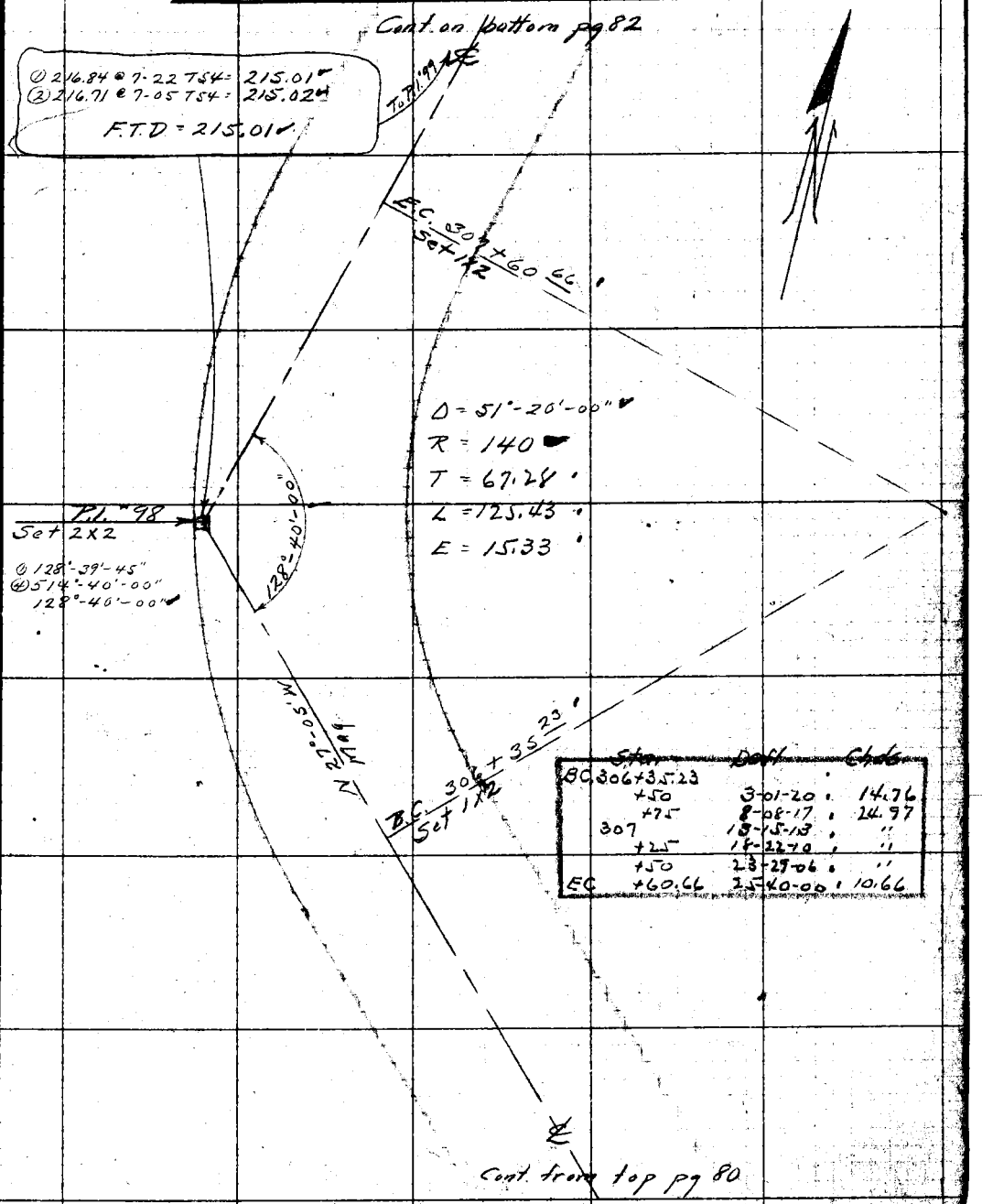
Do not extend notes this side of this line

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

Date 4-29-31 Notes by Hellstrom Chief Party F.B. 416 Pg. 81

Plotted by H.U.M.H.	W.O. No. 948 Topo No. 14
Date NOV 21 1931	Location Cp. Bon Pr. Fk. Rd
Map No. B. 471-2	Surveyed by Hellstrom
Plotting C'k'd by K.R. McP.	Date 4-29-31
Date NOV 22 1931	Indexed A. C. Johnson

Cont. on bottom pg 82



Sta.	Defl.	Chds.
BC 306+35.23		
+50	3-01-20	14.76
+75	8-08-17	24.97
307	13-15-13	"
+25	18-22-10	"
+50	23-29-06	"
EC +60.66	25-40-00	10.66

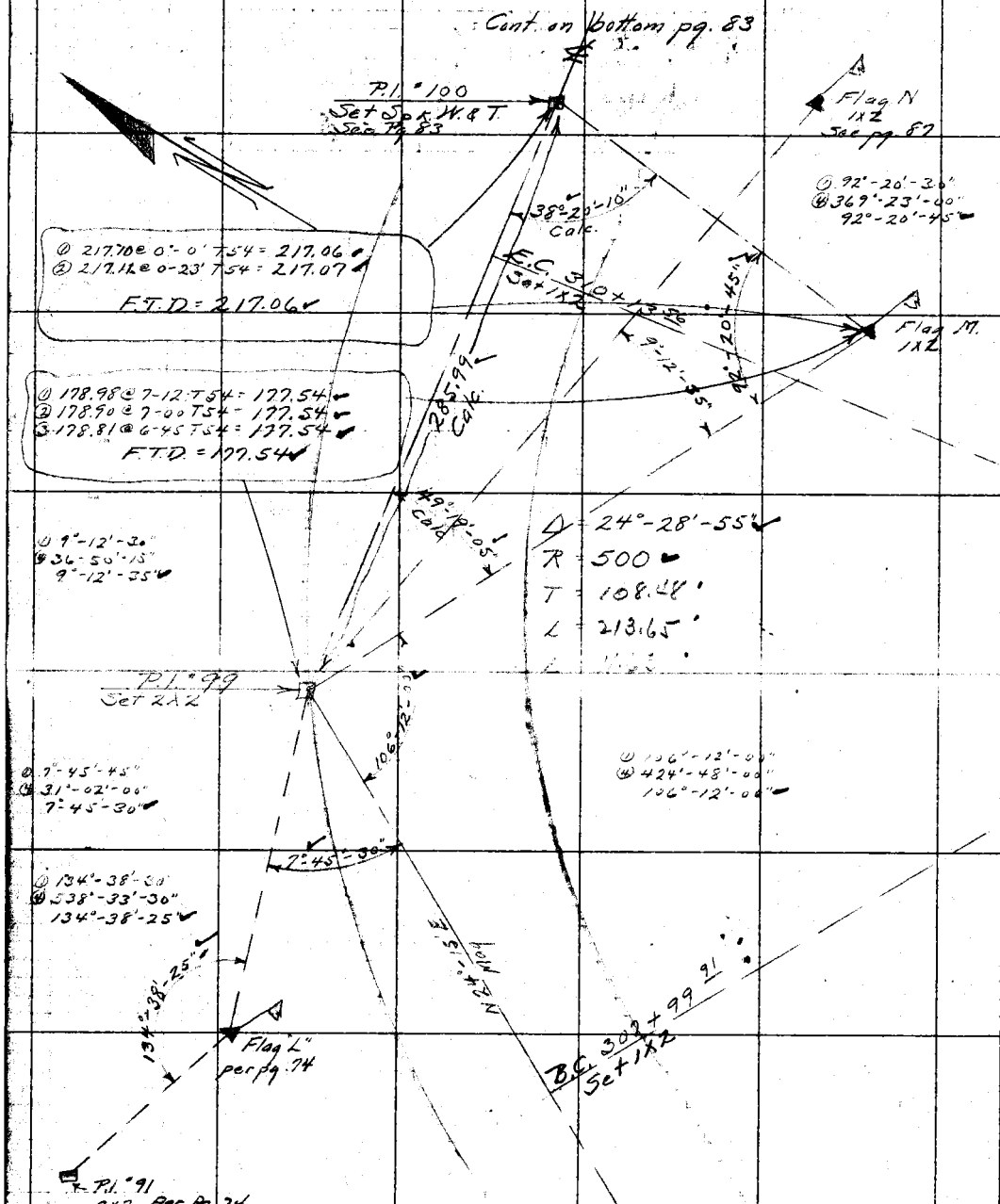
Cont. from top pg 80

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 PG. 82 Chief Party Notes by Hellstrom Date 4-29-80



Sta.	Defl.	Chds.
BC 307+99.91		
308+25	1-26-15	25.09
+50	2-52-12	25.00
+75	4-18-08	"
309	5-44-05	"
+25	7-10-02	"
+50	8-35-58	"
+75	10-01-55	"
310	11-27-52	"
E.C. +13.56	12-14-27½	13.56

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

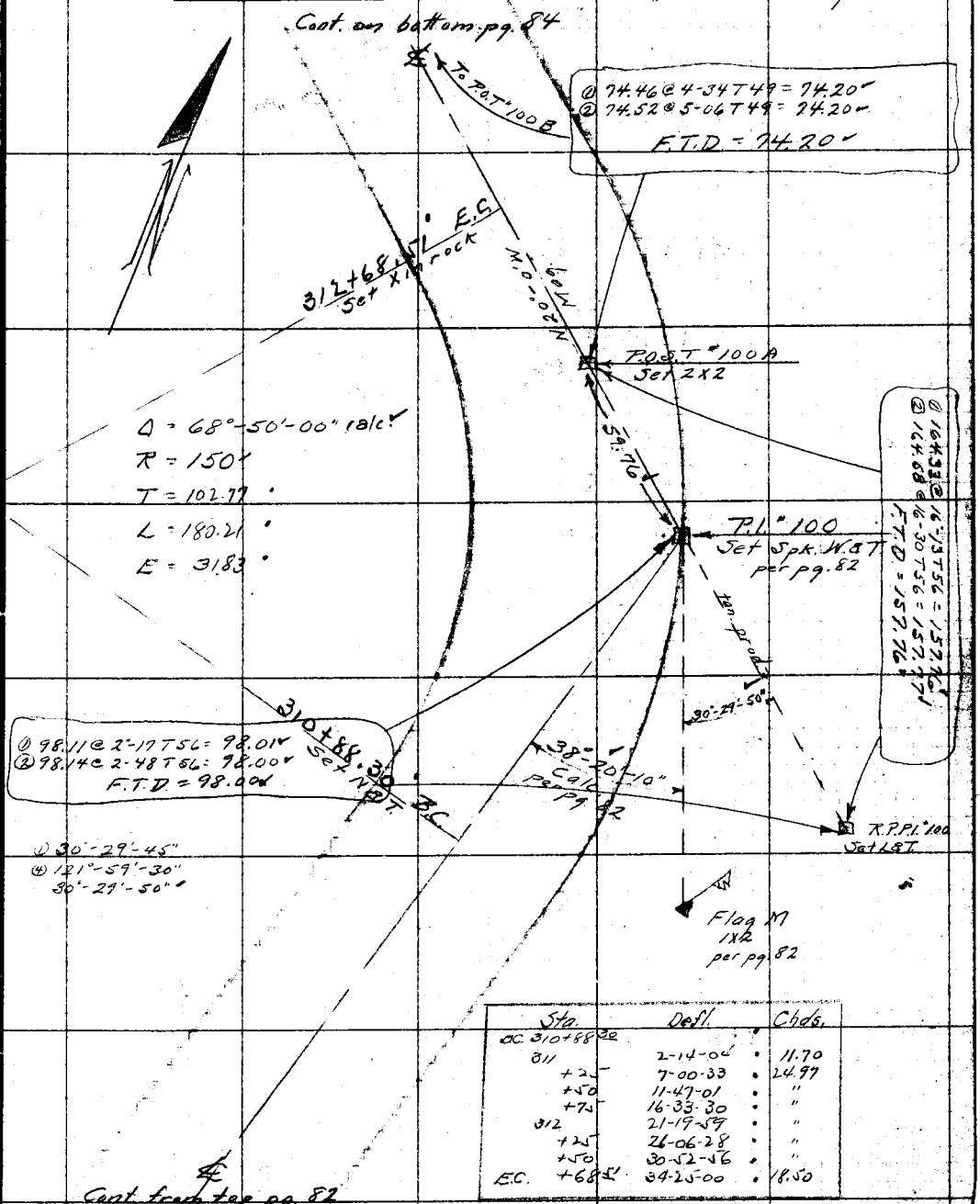
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 4-29-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 83

Platted by H.U.M.H.	W.O. No. 948 tape D.S.O. No. 19 K
Date NOV 21 1931	Location Cp. Bap Pr. Fk. Rd
Map No. B 471-2	Surveyed by Hellstrom
Platting C'k'd by K.R. McP.	Date 4-29-30
Date NOV 2 1931	Indexed A. C. Johnson

at 84°
22" @ 100'
29½ @ 200'
39 @ 300'

Note change of tape.



Sta.	Defl.	Chds.
BC 310+88.30		
311	2-14-04	11.70
+25	7-00-33	24.97
+50	11-47-01	"
+75	16-33-30	"
312	21-19-59	"
+25	26-06-28	"
+50	30-52-56	"
E.C. +68.51	34-25-00	18.50

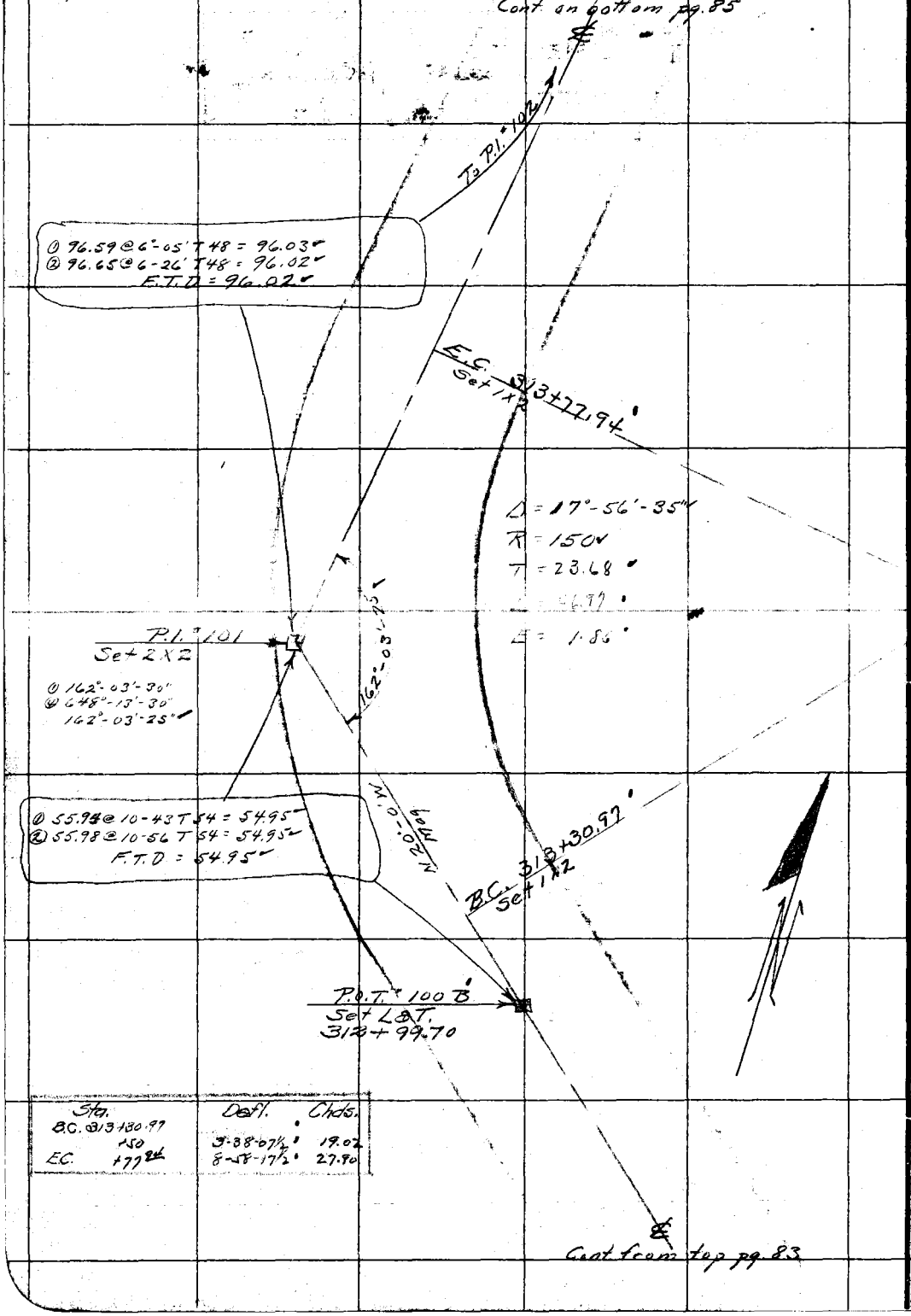
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 84 Chief Party Notes by Hellstrom Date 5-6-30

Cont on bottom pg. 85



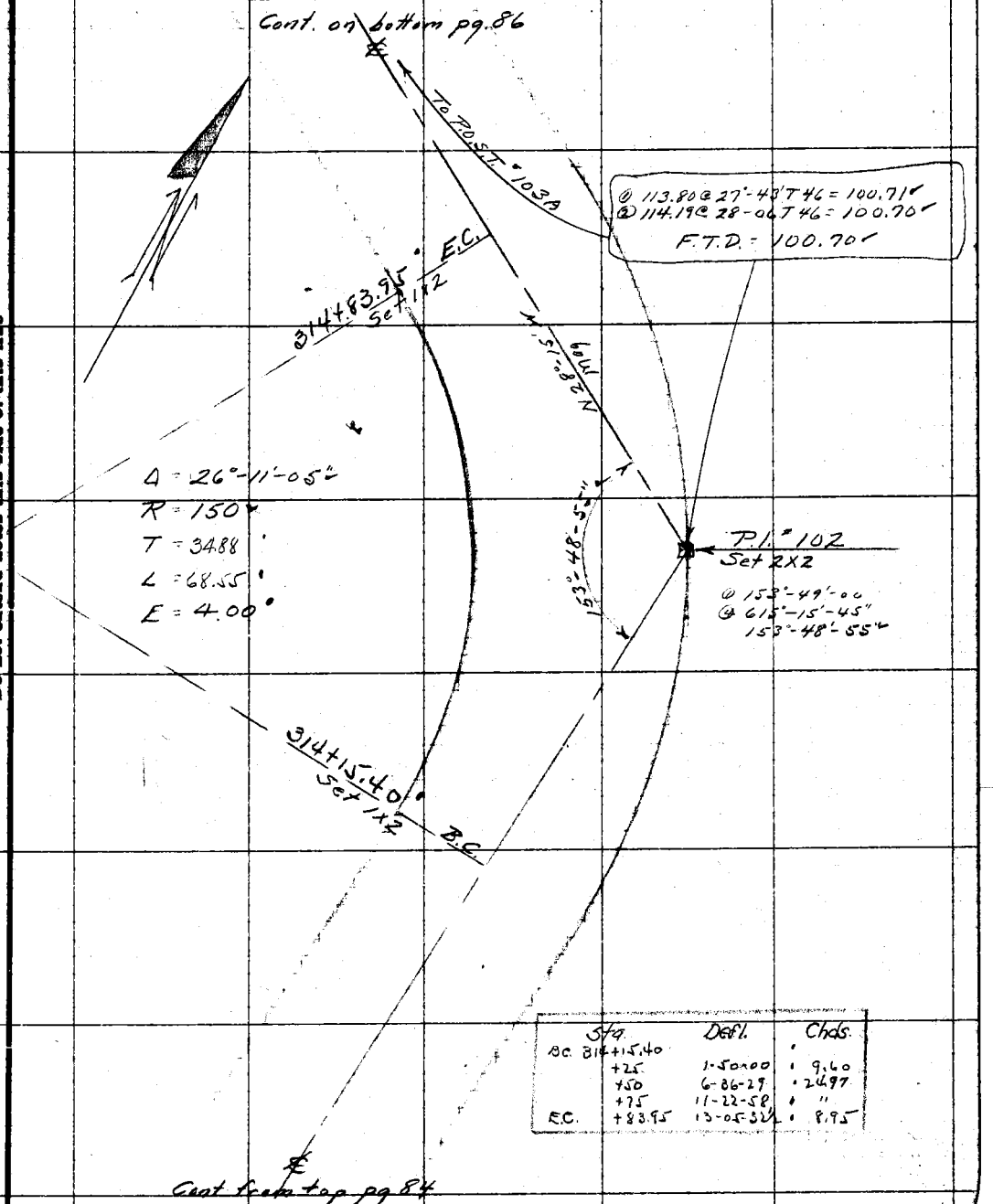
Sta.	Defl.	Chds.
B.C. @ 313+30.97		
+50	3-38-07½'	19.02
EC. +77.94	8-58-17½'	27.80

Cont from top pg. 83

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-6-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 85

Platted by H.J.M.H.	W.O. No. 948 ~~D.S.C. No.~~ Type #19
Date NOV 21 1931	Location Cp. Bon. Pr. Fk Rd
Map No. B.471-2	Surveyed by Hellstrom
Platting C'k'd by K.R. McP.	Date 5-6-30
Date NOV 22 1931	Indexed A. C. Johnson



Sta.	Defl.	Chds.
B.C. 314+15.40		
+25	1-50-00	9.60
+50	6-36-29	24.97
+75	11-22-58	"
E.C. +83.95	13-05-32½	8.95

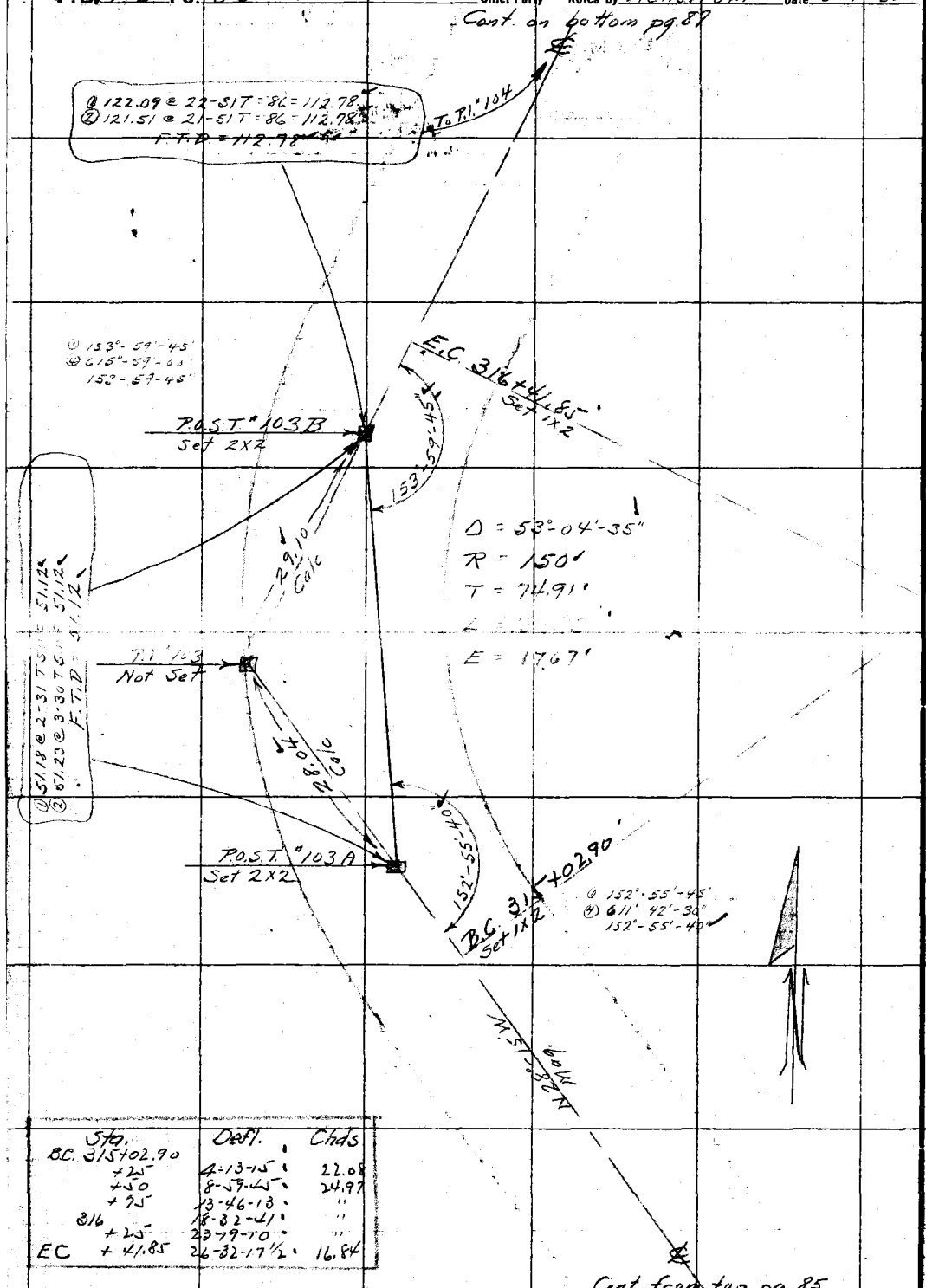
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 86 Chief Party Notes by Hellstrom Date 5-7-30

Cont. on bottom pg. 87



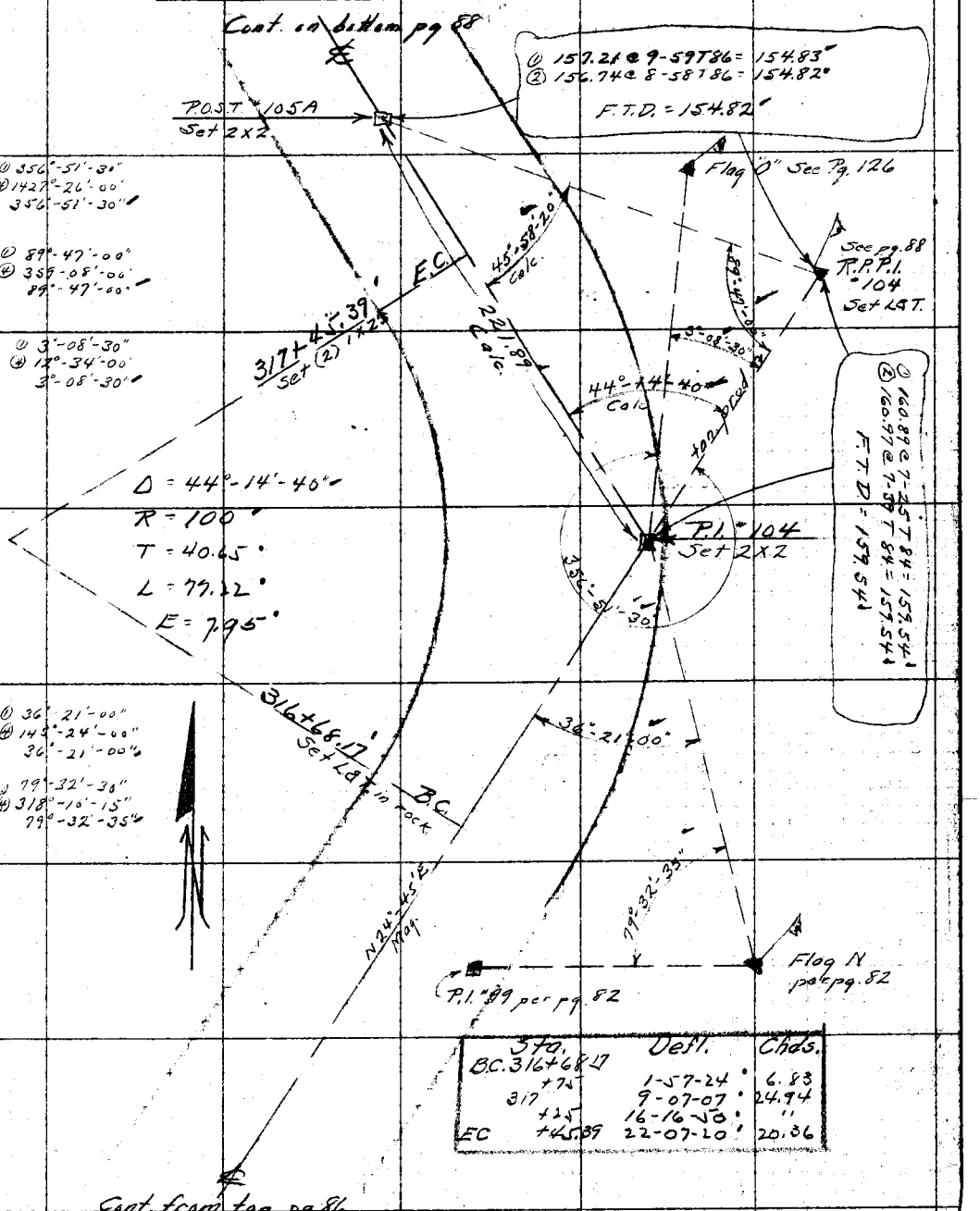
Sta.	Defl.	Chds
B.C. 315+02.90	4-13-15	22.08
+25	8-59-45	24.97
+50	13-46-18	"
+75	18-32-41	"
316	23-19-10	"
+25	26-32-17½	16.84
EC +41.85		

Cont. from top pg. 85

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-7-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 87

Plotted by H.U.M.H.	W.O. No. 948 Topo ~~B.C.C.~~ No. 19
Date NOV 21 1931	Location Cp. Bon Pr. Fk Rd
Map No. B.471-2	Surveyed by Hellstrom
Plotting C'k'd by K.R. McP.	Date 5-7-30
Date NOV 22 1931	Indexed A. C. Johnson



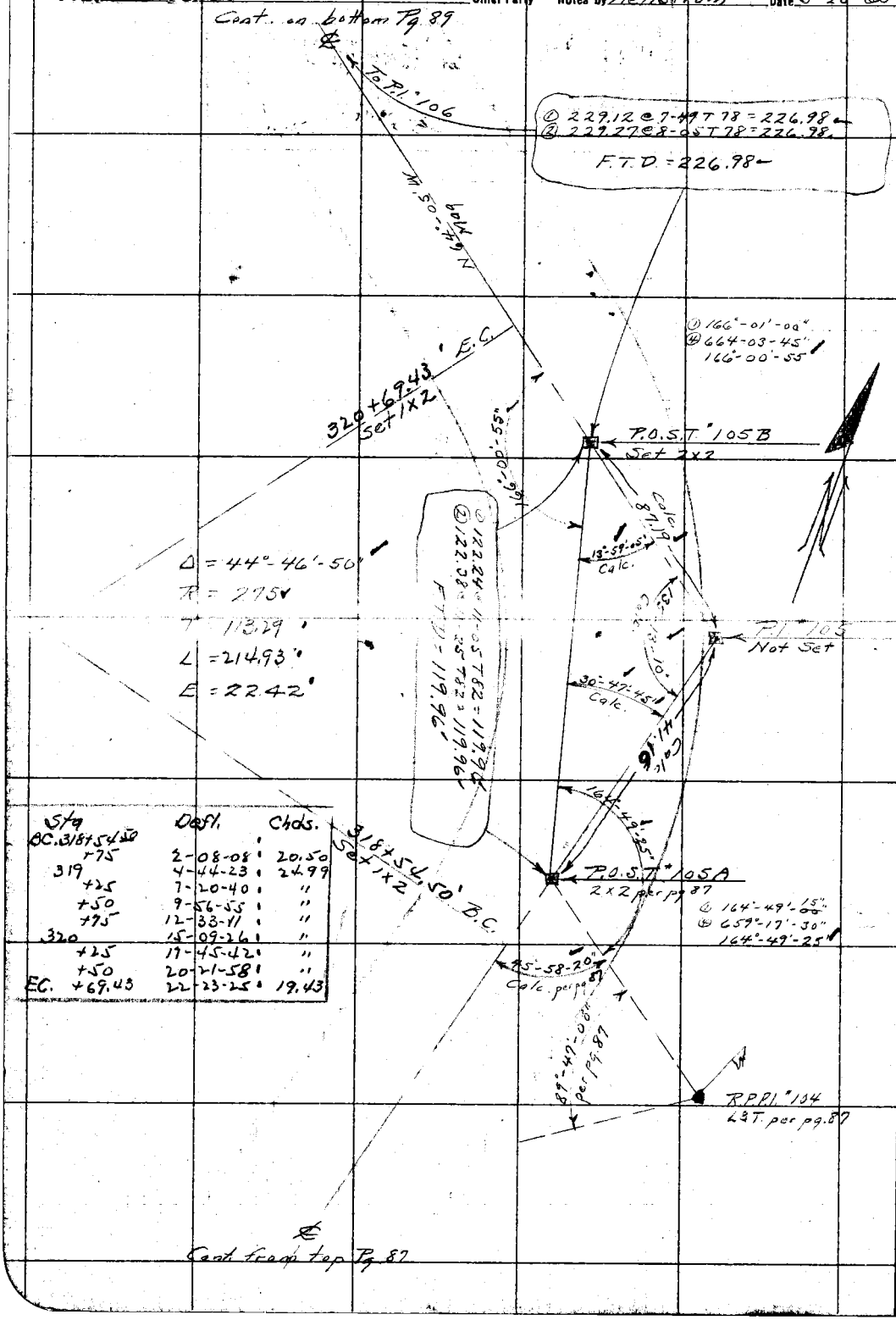
Sta.	Defl.	Chds.
B.C. 316+68.17		
+75	1-57-24	6.83
317	9-07-07	24.94
+25	16-16-50	"
EC +45.39	22-07-20	20.36

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 88 Chief Party Notes by Hellstrom Date 5-20-30



Sta	Defl.	Chds.
BC. 318+54.50		
+75	2-08-08	20.50
319	4-44-23	24.99
+25	7-20-40	"
+50	9-56-55	"
+75	12-33-11	"
320	15-09-26	"
+25	17-45-42	"
+50	20-21-58	"
EC. +69.43	22-23-25	19.43

RETURN TO
LOS ANGELES COUNTY SURVEYOR

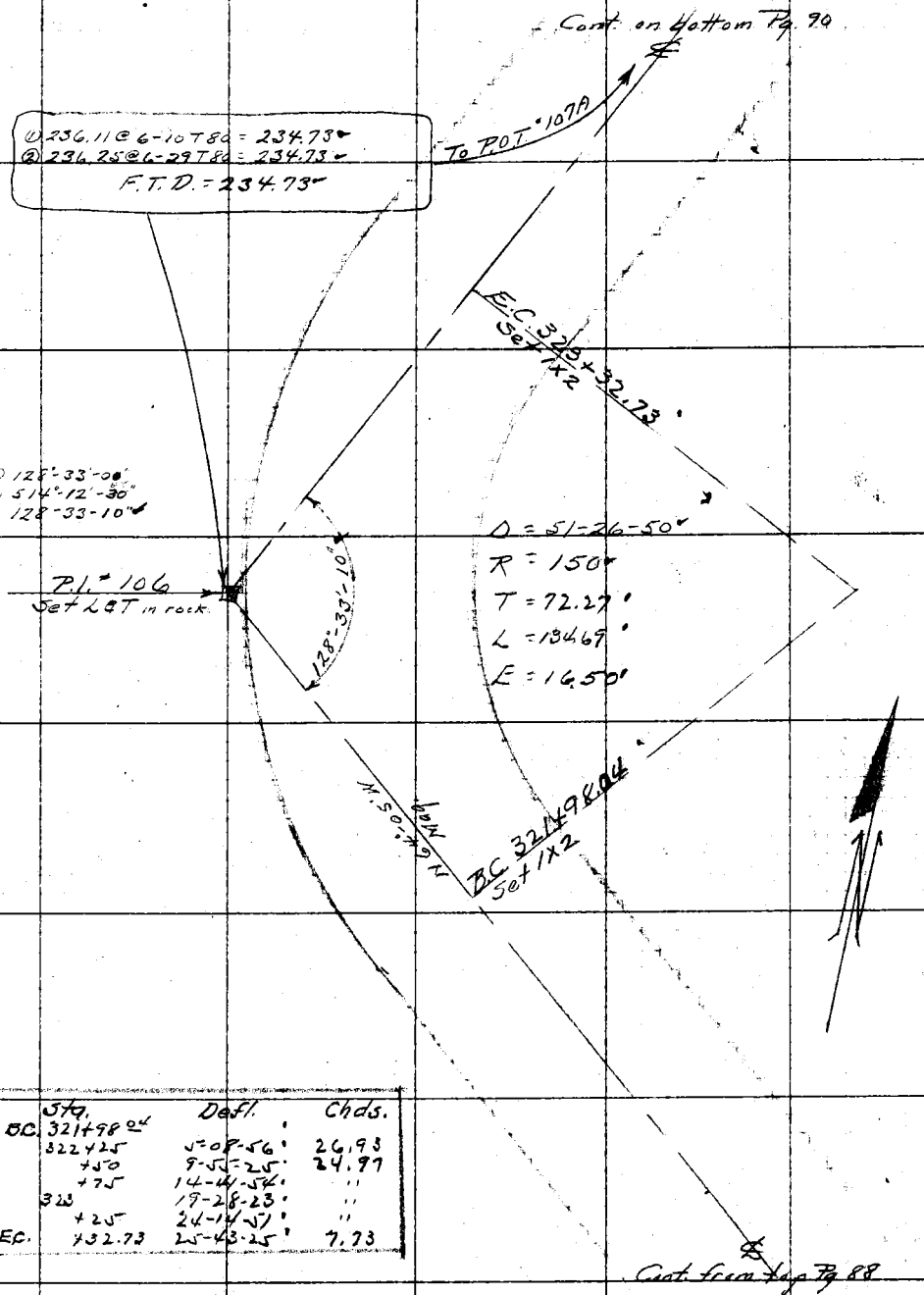
Do not extend notes this side of this line

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

Date 5-20-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 89

Platted by H.U.M.H.	W.O. No. 948 D.S.O. No. 19
Date NOV 21 1931	Location Cp. Bun. Pr. Fk. Rd
Map No. B. 1671-2	Surveyed by Hellstrom
Platting C'k'd by K.R. McP.	Date 5-20-30
Date NOV 22 1931	Indexed A. O. Johnson

Hellstrom
Tomblesen
McCarver
Mannion
C. Stewart



	Sta.	Defl.	Chds.
B.C.	321+98.04		
	322+25	5-08-56	26.93
	+50	9-55-25	24.97
	+75	14-41-54	"
	323	19-28-23	"
	+25	24-14-51	"
E.C.	+32.73	25-43-25	7.73

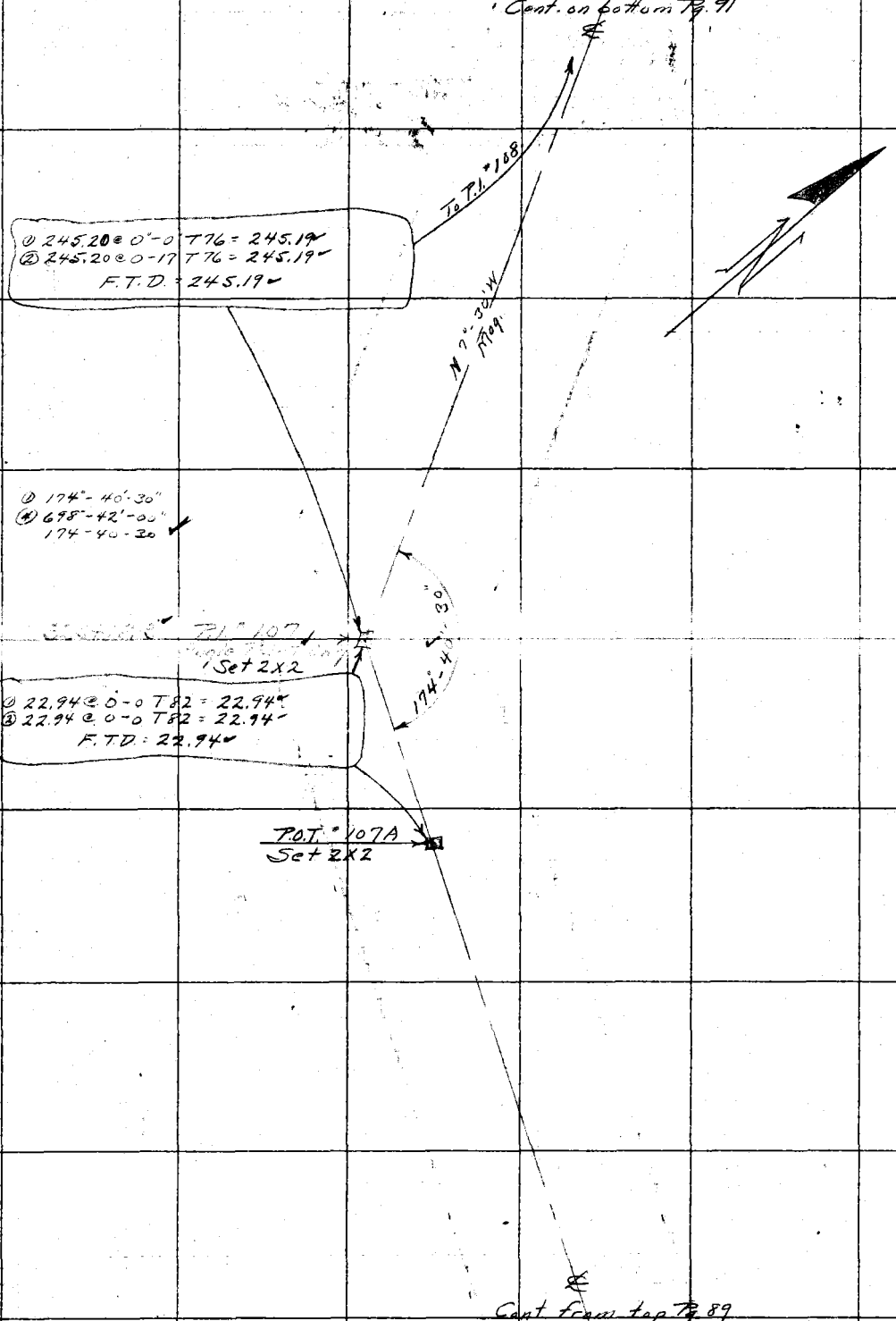
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR

F.B. #16 Pg. 90 Chief Party Notes by Hellstrom Date 5-20-50

Cont. on bottom Pg. 91

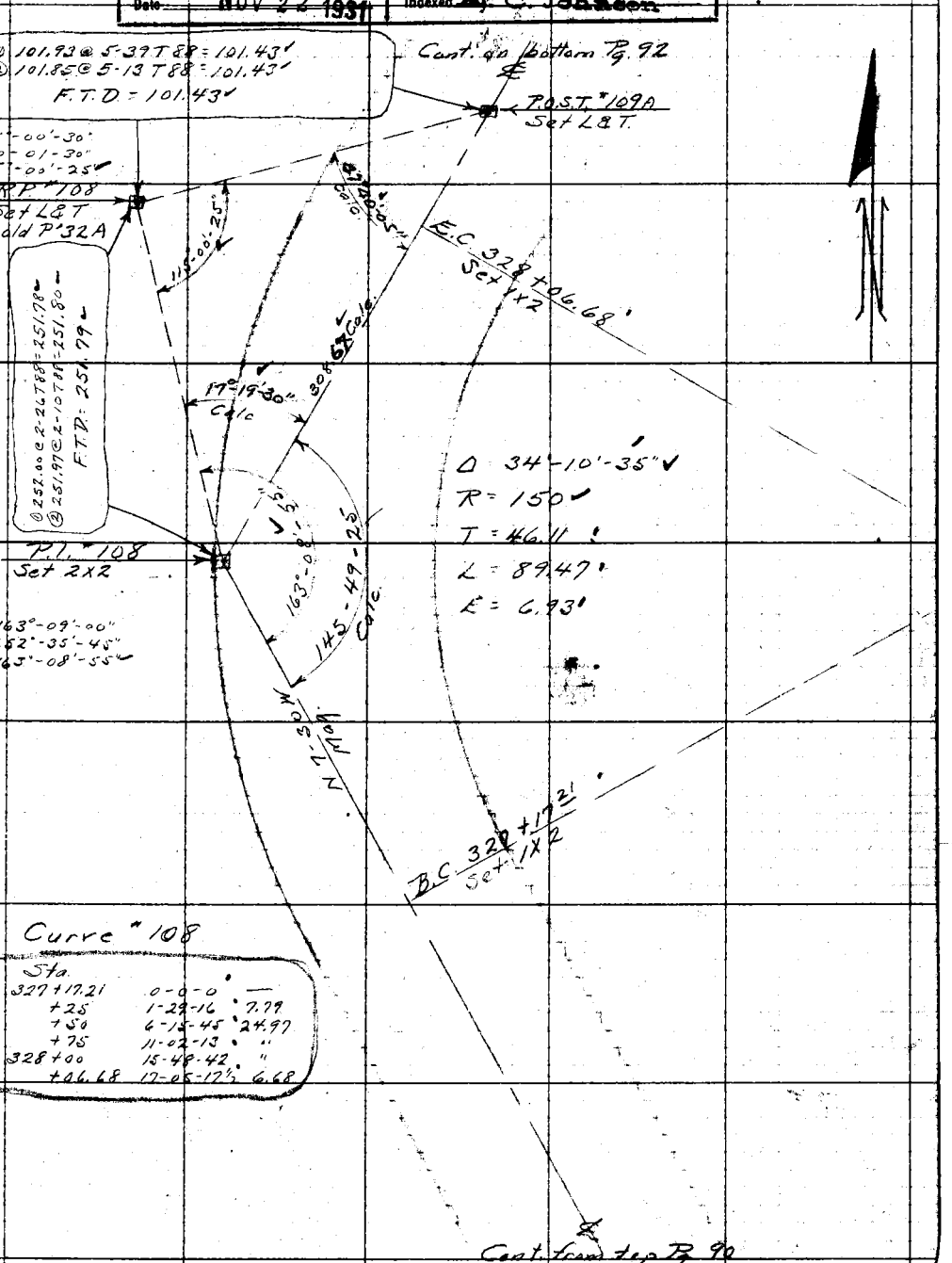


Cont from top Pg. 89

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-20-30 Notes by Hellstrom Chief Party A.N.H. F.B. 416 Pg. 91

Plotted by H.U.M.H.	W.O. No. 948 B.S.O. No. 19
Date NOV 21 1931	Location Cp Bon Pr. Fk Rd.
Map No. B-471-2	Surveyed by Hellstrom
Plotting C'k'd by K.R. McR.	Date 6-5-30
Date NOV 22 1931	Indexed A. C. Johnson



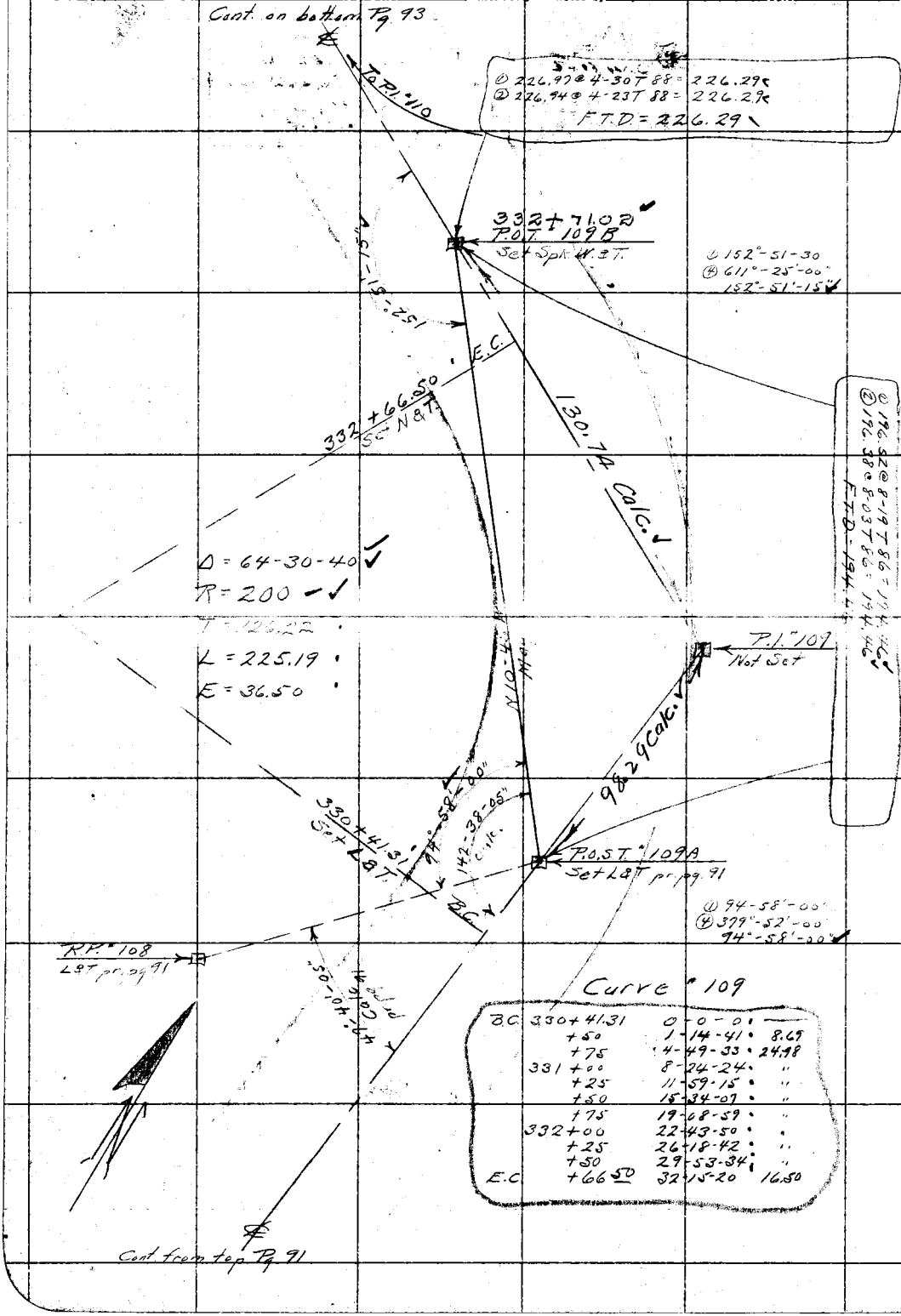
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not expand notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 92 Chief Party Notes by Hellstrom Date 6-5-30

Cont. on bottom Pg 93



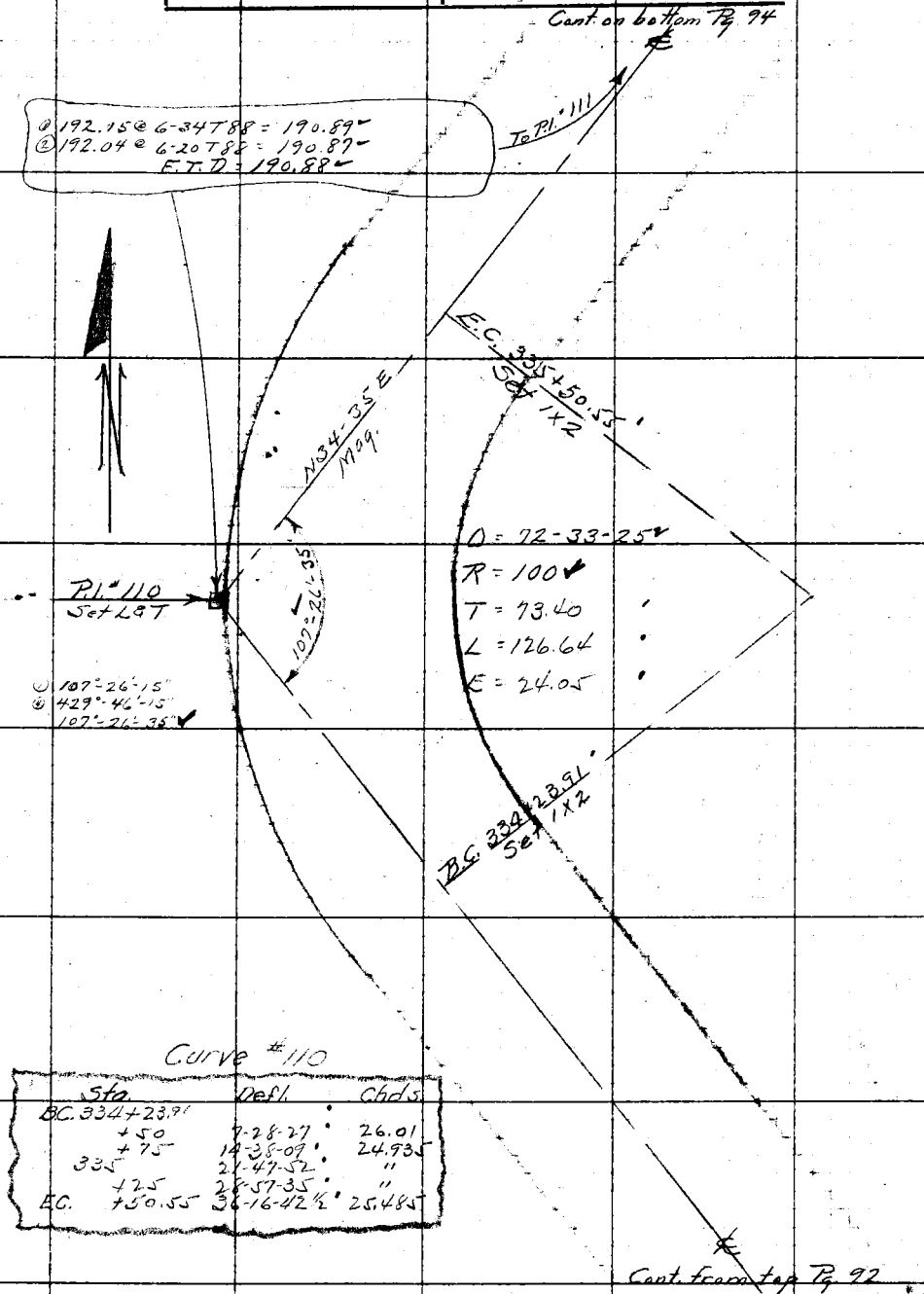
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 6-5-30 Notes by Hellstrom Chief Party ANM F.B. 416 Pg. 93

Platted by H. U. M. H.	W. O. No. 948 ~~S.C.O. No.~~ Tape #19
Date NOV 21 1931	Location Cp Bon Pr Fk Rd
Map No. B. 471-2	Surveyed by Hellstrom
Platting C'k'd by K. R. McP.	Date 6-5-30
Date NOV 6 1931	Indexed A. C. Johnson



Curve #110

Sta.	Defl.	Chds.
B.C. 334+23.91		
+50	7-28-27	26.01
+75	14-38-09	24.935
335	21-47-52	"
+25	28-57-35	"
E.C. +50.55	36-16-42½	25.485

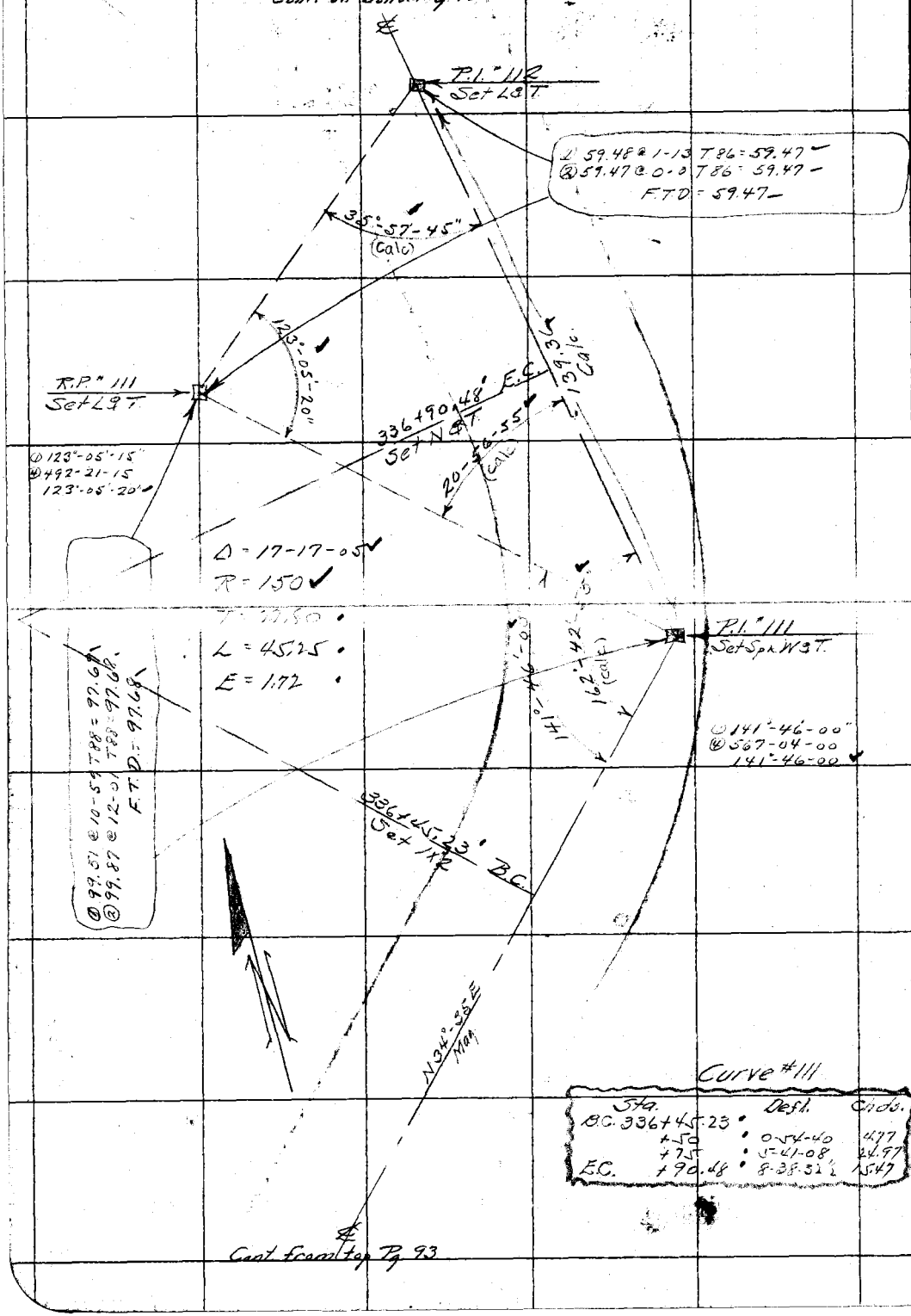
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 94 Chief Party Notes by Hellstrom Date 6-6-30

Cont. on bottom Pg 95



Curve #111

Sta.		Defl.	Chds.
B.C. 336+45.23			
	+50	0-54-40	4.77
	+75	5-41-08	24.97
E.C.	+90.48	8-38-32½	15.47

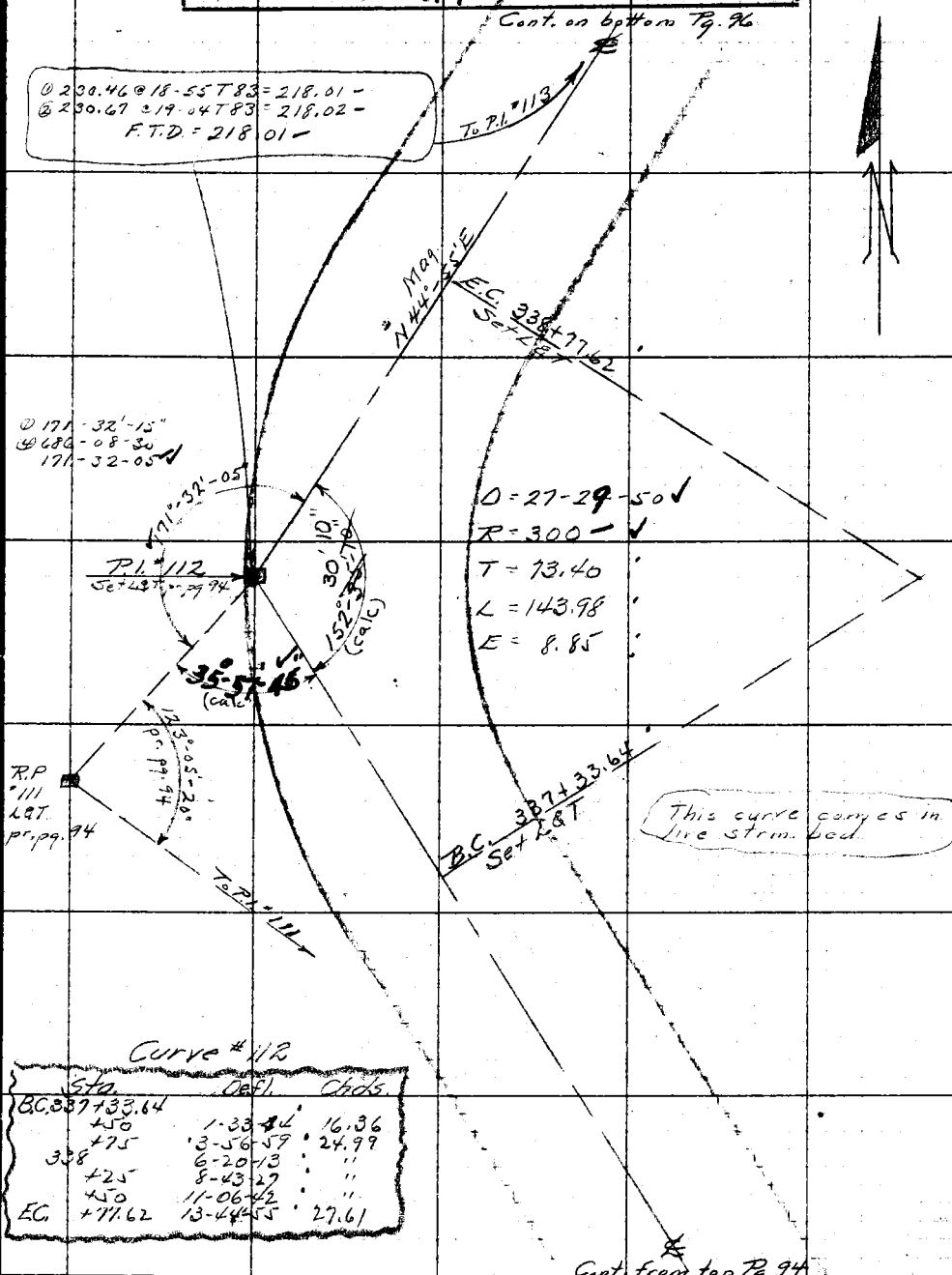
Cont from top Pg 93

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 6-6-30 Notes by Hellstrom Chief Party ANH F.B. 416 Pg 95

Plotted by H. U. M. R.	W. O. No. 948 ~~B. S. O.~~ Tape No. 19
Date NOV 21 1931	Location Cp Bon. Pr. Fk Rd
Map No. 13-471-2	Surveyed by Hellstrom
Plotting C'k'd by K. R. McP.	Date 6-6-30
Date NOV 22 1931	Indexed A. C. Johnson

Hellstrom
Tomlinson
McCarver
Mannion
Eastwood



Curve #112

Sta.	Defl.	Chds.
B.C. 337+33.64		
+50	1-33-44	16.36
+75	3-56-59	24.99
338	6-20-13	"
+25	8-43-27	"
+50	11-06-42	"
E.C. +77.62	13-44-55	27.61

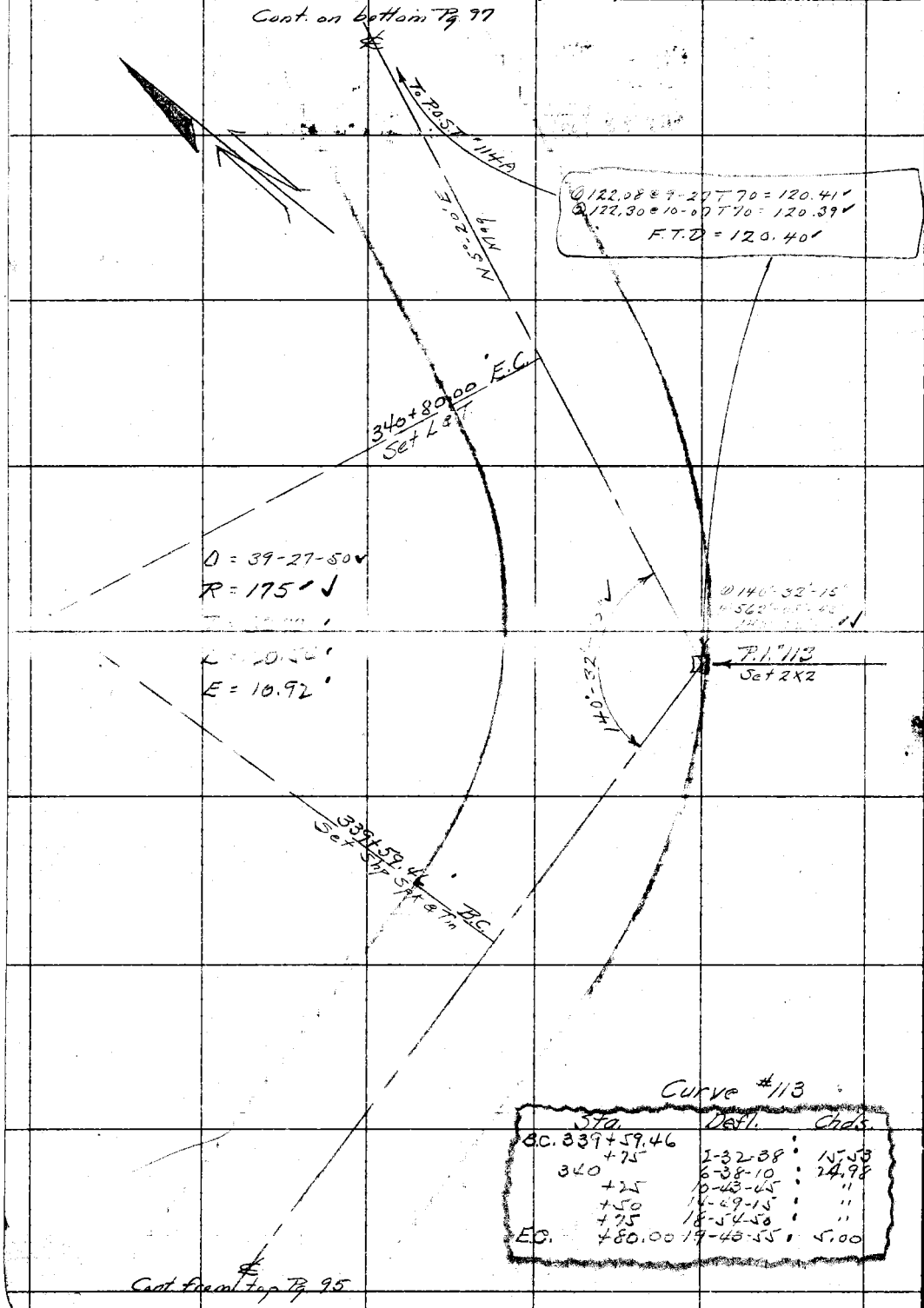
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 96 Chief Party Notes by Hellstrom Date 6-7-30

Cont. on bottom Pg 97



Curve #113

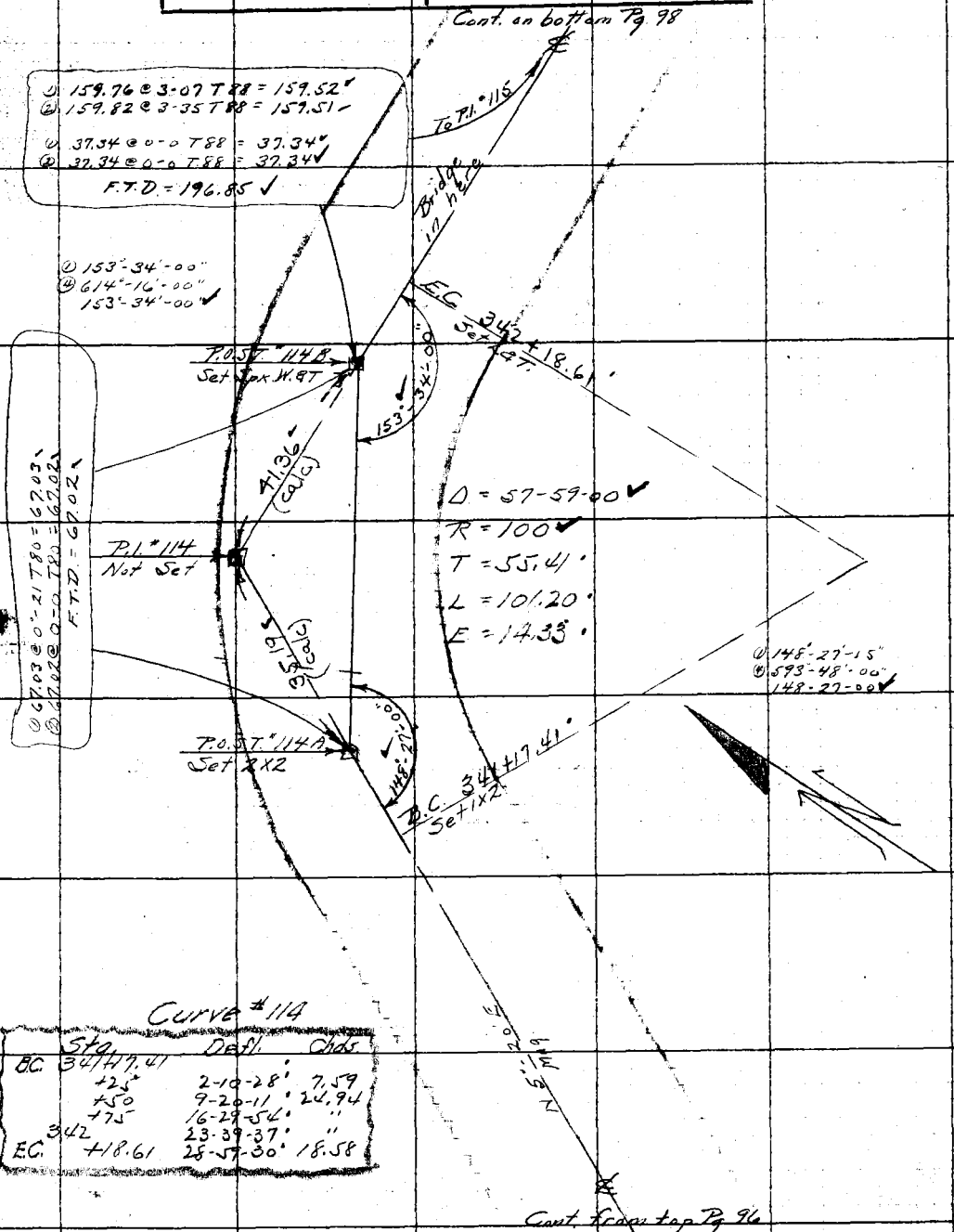
Sta.	Defl.	Chds.
B.C. 339+59.46		
+75	2-32-38	15.53
340	6-38-10	24.98
+25	10-43-45	"
+50	14-49-15	"
+75	18-54-50	"
E.C. +80.00	19-43-55	5.00

Cont. from top Pg 95

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 6-7-30 Notes by Hellstrom Chief Party AH F.B. 416 Pg. 97

Platted by H. U. M. H.	W. O. No. 948 ~~O. S. O.~~ Tape No. 19
Date NOV 21 1931	Location Cp Bon Pr Fx Rd
Map No. B. 471-2	Surveyed by Hellstrom
Platting C'k'd by K. R. McP.	Date 6-7-30
Date NOV 22 1931	Indexed A. C. Johnson



Curve #114

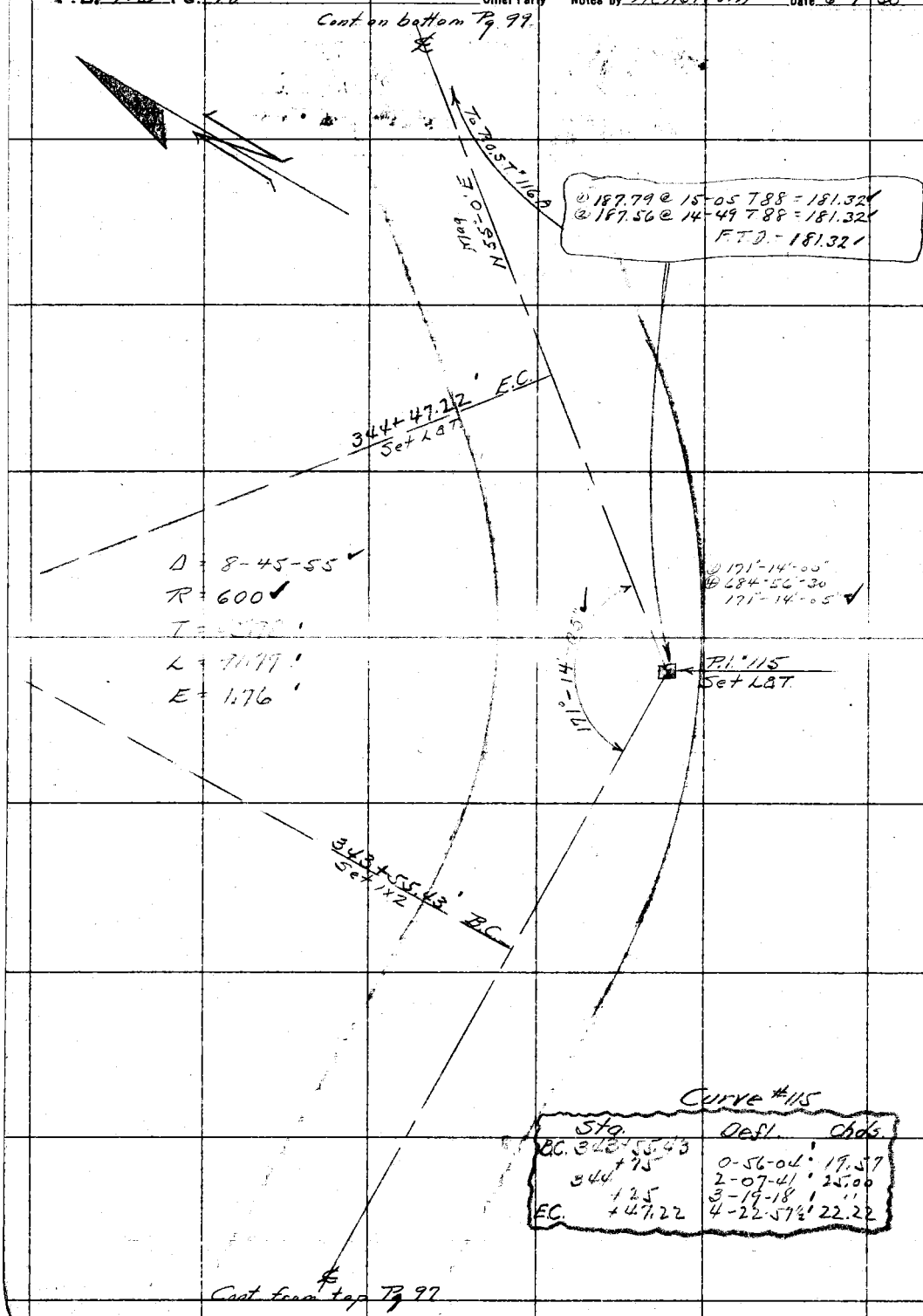
	Sta.	Defl.	Chds.
B.C.	341+17.41		
	+25	2-10-28	7.59
	+50	9-20-11	24.94
	+75	16-29-54	"
	342	23-39-37	"
E.C.	+18.61	28-59-30	18.58

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 98 Chief Party Notes by Hellstrom Date 6-7-30



Curve #115

Sta.	Defl.	Chds.
B.C. 343+55.43		
+75	0-56-04	19.57
344	2-07-41	25.00
+25	3-19-18	"
E.C. +47.22	4-22-57½	22.22

RETURN TO
LOS ANGELES COUNTY SURVEYOR

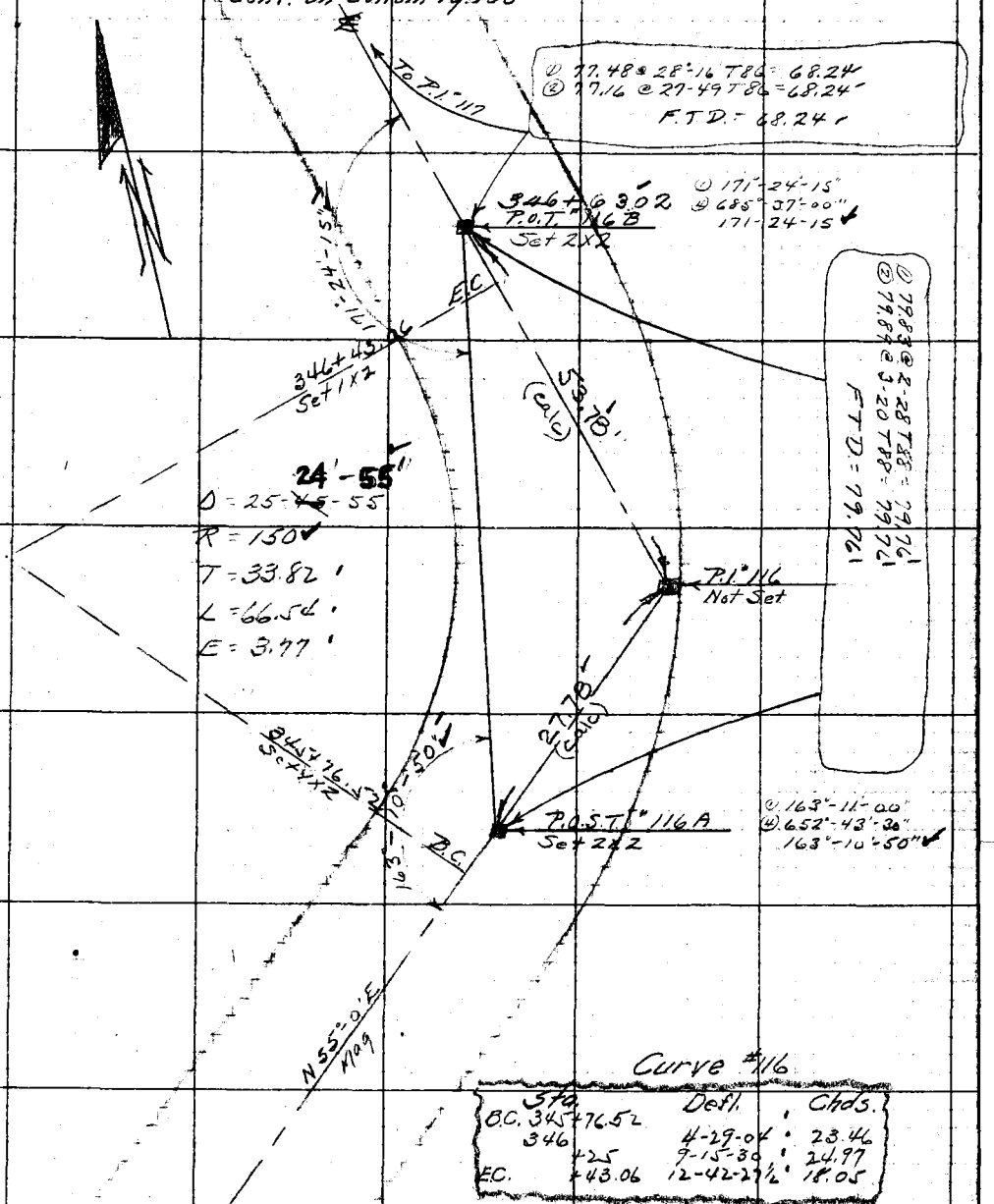
Do not extend notes this side of this line

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

Date 6-7-30 Notes by Hellstrom Chief Party AH F.B. 416 PG. 99

Plotted by H. U. M. H.	W. O. No. 948 T.B.C. No. 19
Date NOV 21 1931	Location Cp Bea Pa.Fk.Rd
Map No. 13.471-2.	Surveyed by Hellstrom
Plotting C'k'd by K. R. McP.	Date 6-7-30
Date NOV 22 1931	Indexed

Cont. on bottom Pg. 100



Curve #116

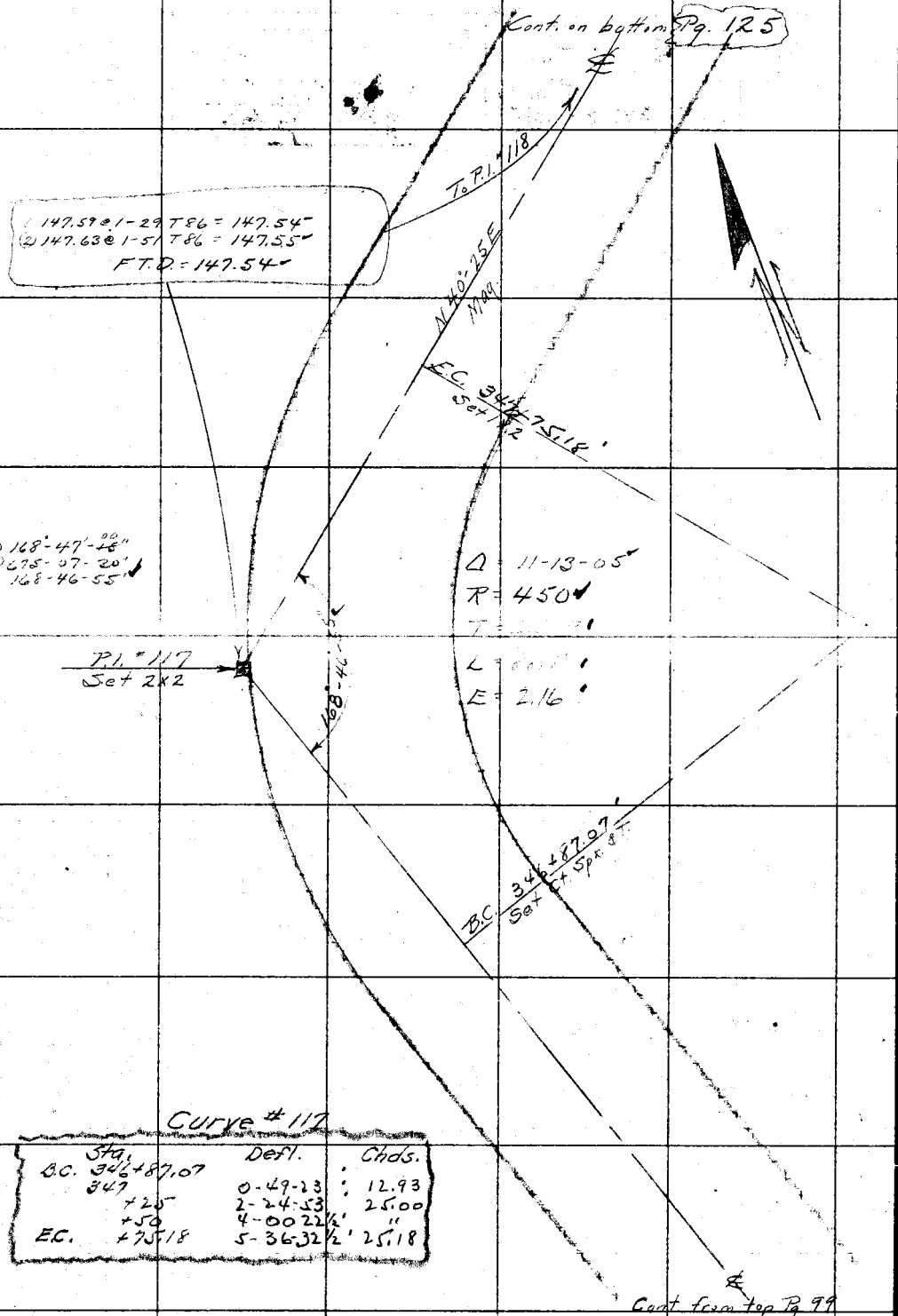
Sta.	Defl.	Chds.
B.C. 345+76.52		
346	4-29-04	23.46
+25	9-15-30	24.97
E.C. +43.06	12-42-27½	18.05

Cont from top Pg. 98

RETURN TO LOS ANGELES COUNTY SURVEYOR
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE IN CIRCLED IN RED, WITH DATE AND NAME OF PERSON MAKING CHANGE.
Do not extend notes this side of this line

F.B. #16 Pg. 100 Chief Party Notes by Hellstrom Date 6-7-30

Cont. on bottom Pg. 125



Curve #117

Sta.	Defl.	Chds.
B.C. 346+87.07		
347	0-49-23	12.93
+25	2-24-53	25.00
+50	4-00-22½'	"
E.C. +75.18	5-36-32½'	25.18

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

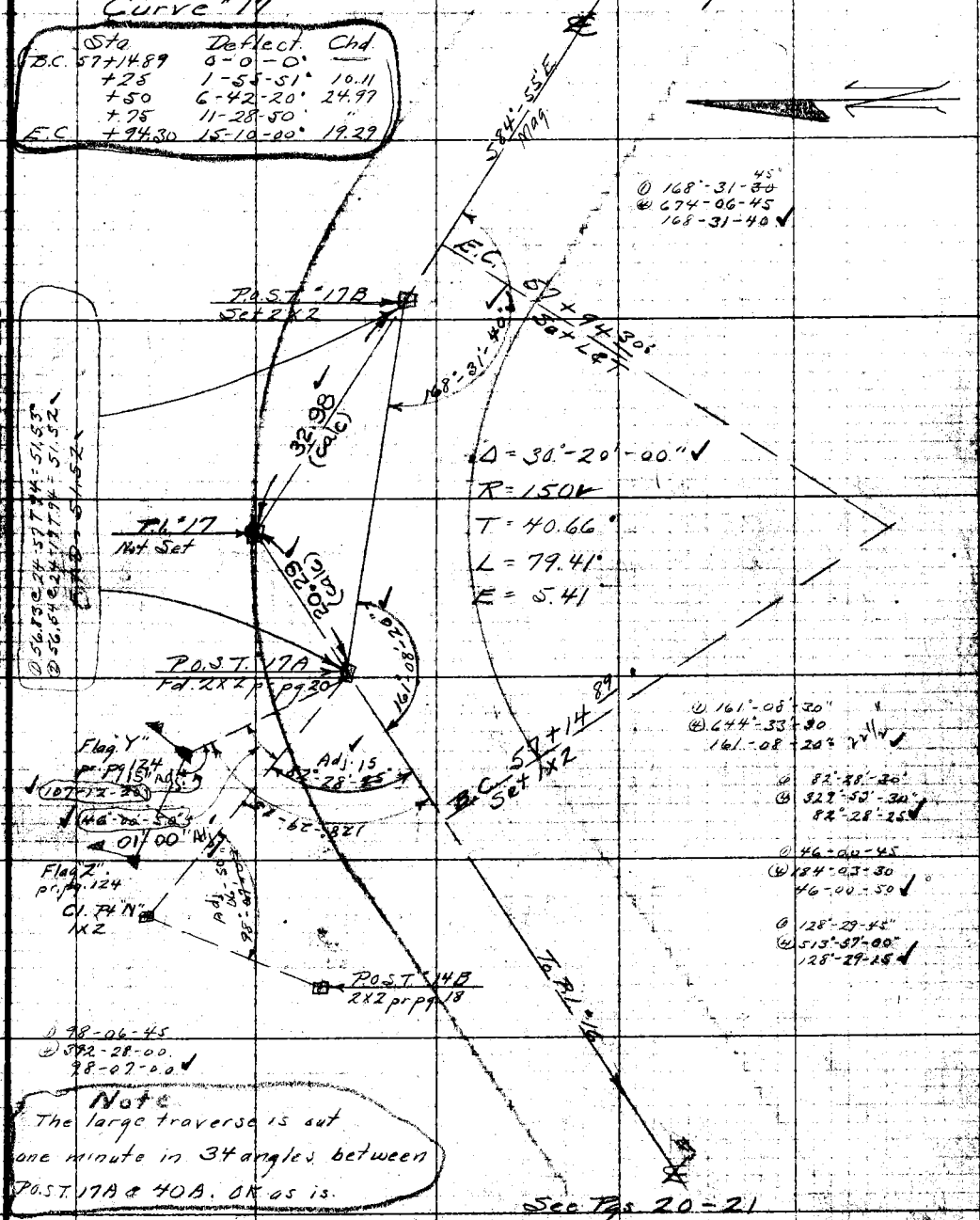
Date 6-4-30 Notes by Hellstrom Chief Party _____ F.B. 416 Pg. 101

Planned by H.O.M.H.	W.O. No. 948 B.S.O. No.
Date NOV 21 1931	Location Cp. Bea. Pr. Ex. Rd
Map No. B.471-1	Surveyed by Hellstrom
Plotting C'k'd by K.R.M.	Date 6-4-30
Date Nov. 1931	Indexed A. C. Johnson

Cont. on bottom Pg. 102

Curve #17

Sta	Deflect.	Chd.
B.C. 57+14.89	0-0-0"	—
+25	1-55-51"	10.11
+50	6-42-20"	24.97
+75	11-28-50"	"
E.C. +94.30	15-10-00"	19.29



Note
The large traverse is out one minute in 34 angles between P.O.S.T. 17A & 40A. OK as is.

See Pgs. 20-21

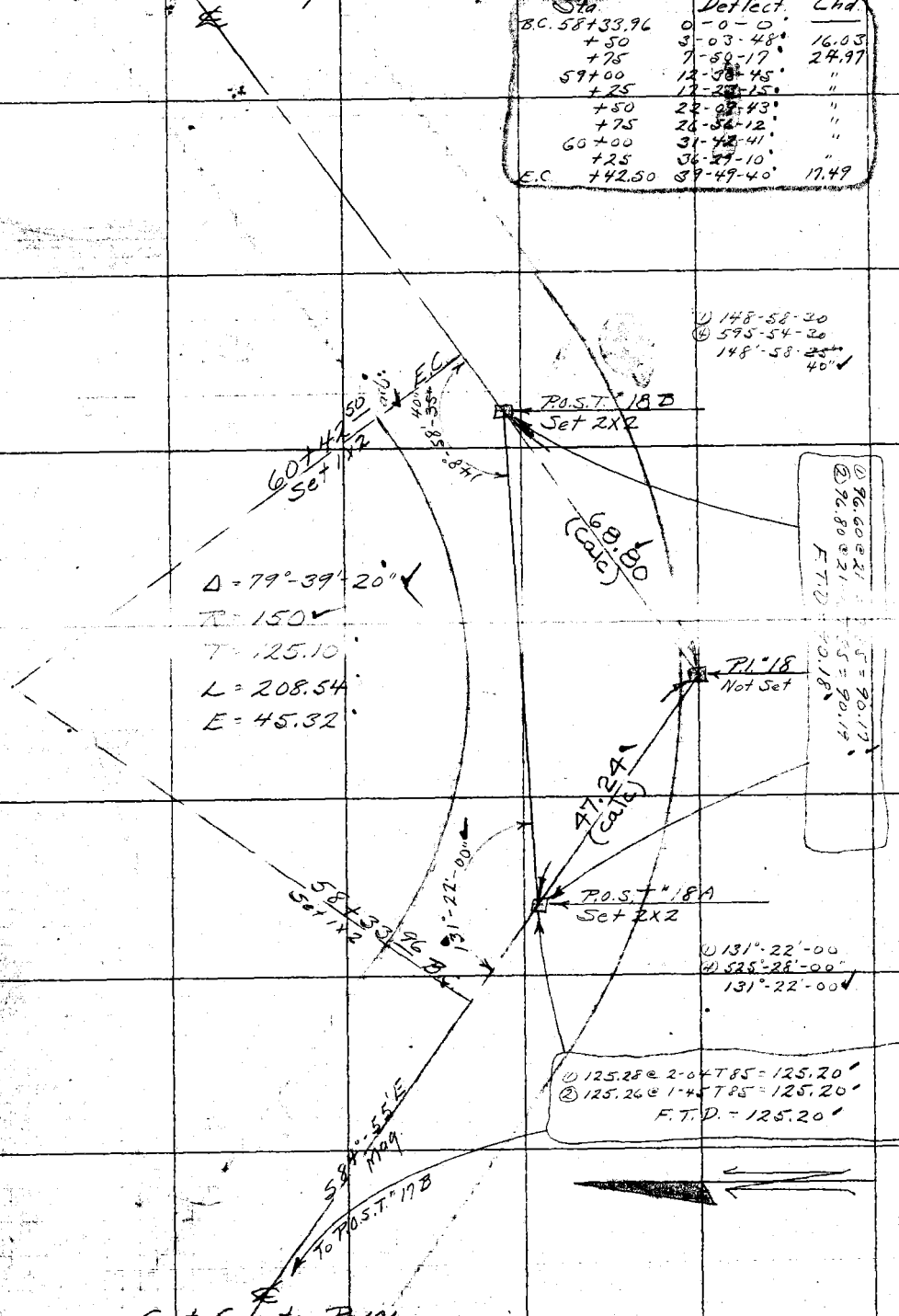
Note: ANY ALTERATIONS OR CHANGES ON THIS SHEET MUST BE MADE BY ENGINEER IN Rd. WITH CARE AND NOTE YOU PERSONAL CHANGE.
Do not detach this sheet from other sheets of this file
Return to LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 102 Chief Party Notes by Hellstrom Date 6-4-26

Cont. on bottom Pg. 103

Curve #18

Sta.	Deflect.	Chd.
B.C. 58+33.96	0-0-0	
+50	3-03-48	16.03
+75	7-50-17	24.97
59+00	12-38-45	"
+25	17-27-15	"
+50	22-09-43	"
+75	26-54-12	"
60+00	31-42-41	"
+25	36-27-10	"
E.C. +42.50	39-49-40	17.49

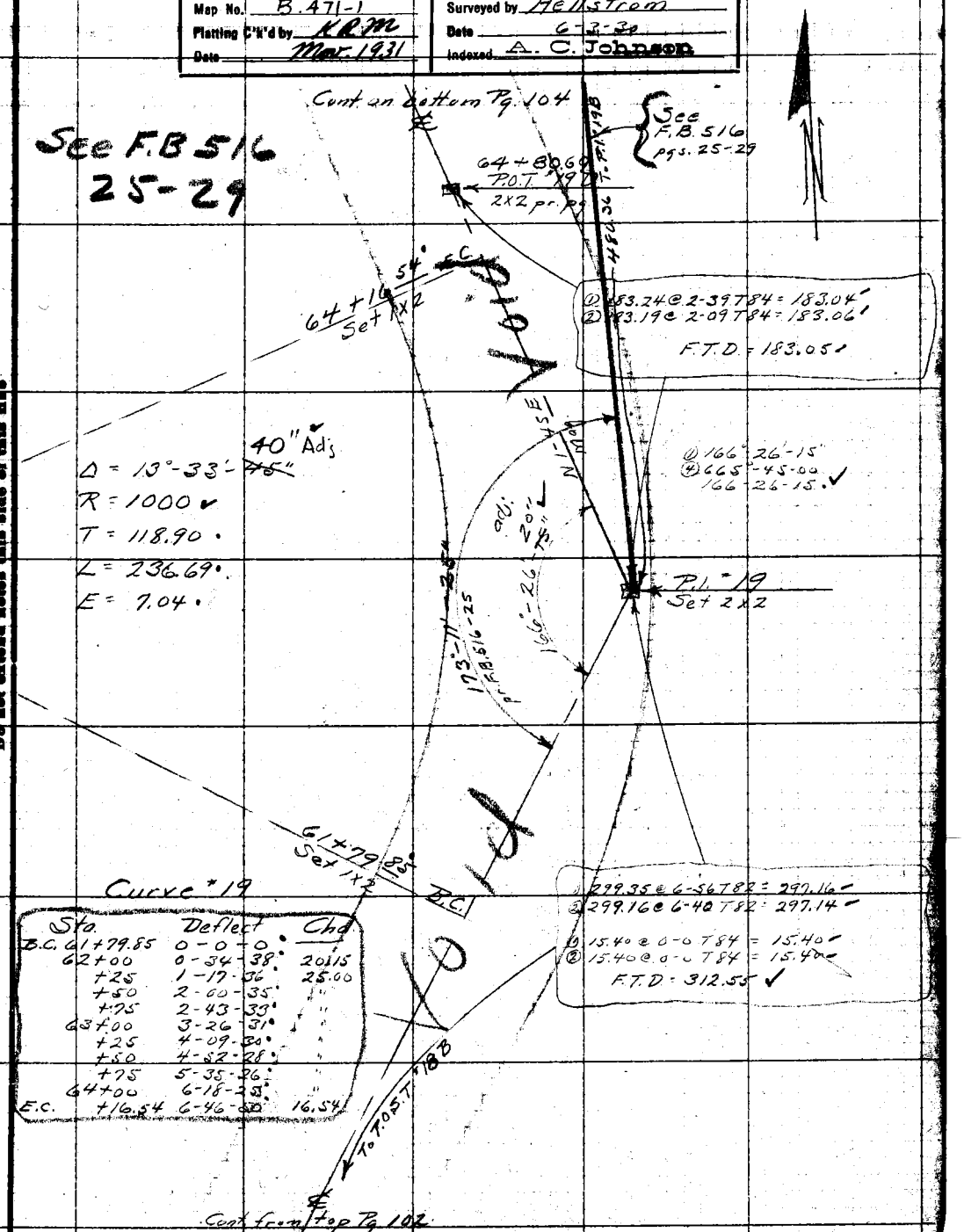


Cont. from top Pg. 101

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE ON CIRCLED IN Red WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 6-3-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 103

Plotted by H. U. M. H.	W. O. No. 948 D. S. O. No.
Date NOV 21 1931	Location Cp. Bon Pr. Fk. Rd
Map No. B.471-1	Surveyed by Hellstrom
Plotting C'k'd by KRM	Date 6-3-30
Date Mar. 1931	Indexed A. C. Johnson



Sta.	Deflect	Chd
B.C. 61+79.85	0-0-0	
62+00	0-34-38	20.15
+25	1-17-36	25.00
+50	2-00-35	"
+75	2-43-33	"
63+00	3-26-31	"
+25	4-09-30	"
+50	4-52-28	"
+75	5-35-26	"
64+00	6-18-25	"
E.C. +16.54	6-46-50	16.54

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

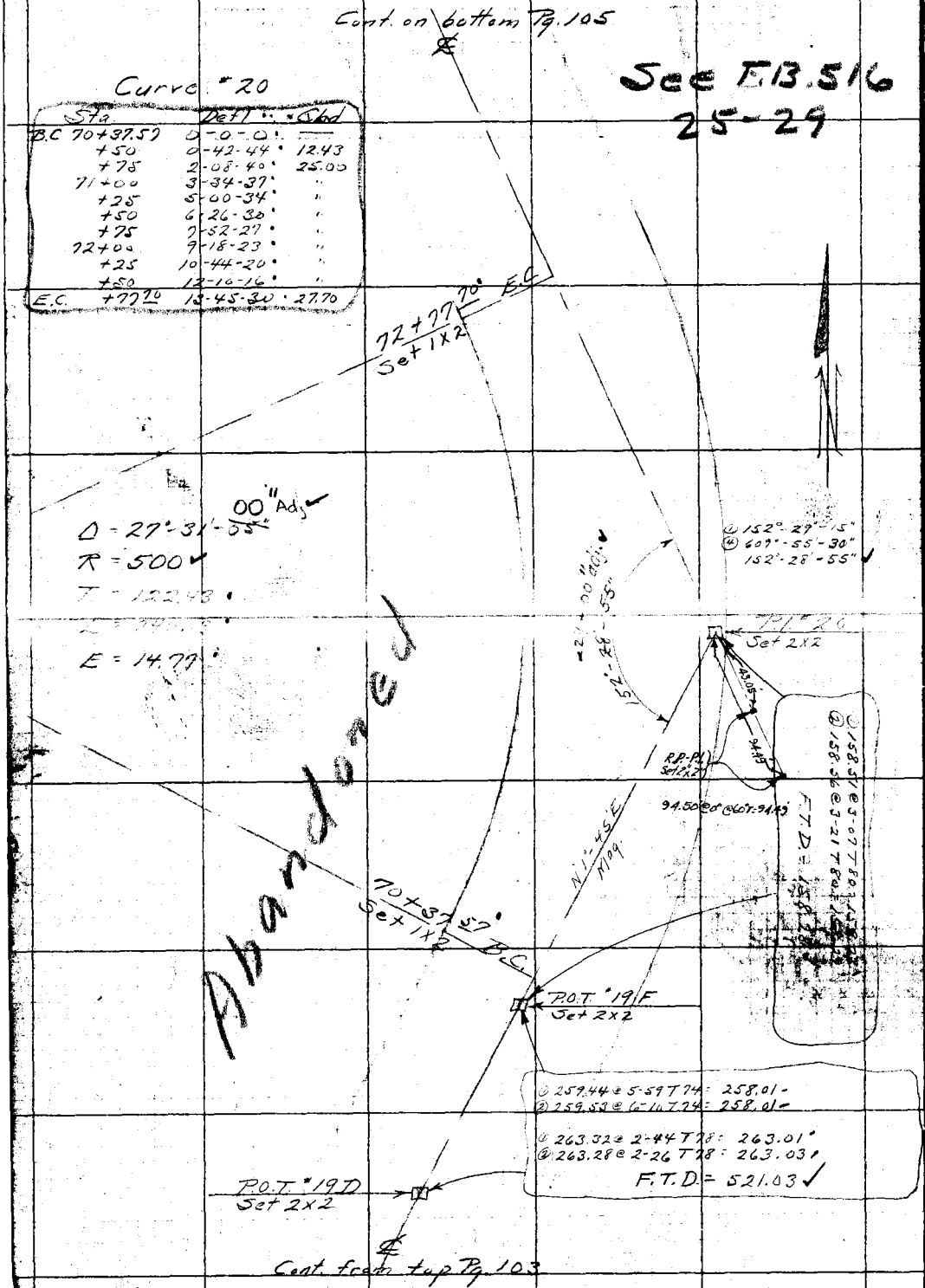
F.B. 416 Pg. 104 Chief Party Notes by Hellstrom Date 6-3-30

Cont. on bottom Pg. 105

See F.B. 516
25-29

Curve #20

Sta.	Defl.	Chord
B.C. 70+37.57	0-0-0	—
+50	0-42-44	12.43
+75	2-08-40	25.00
71+00	3-34-37	"
+25	5-00-34	"
+50	6-26-30	"
+75	7-52-27	"
72+00	9-18-23	"
+25	10-44-20	"
+50	12-10-16	"
E.C. +77.70	13-45-30	27.70



Cont. from top Pg. 103

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY AUDITORS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

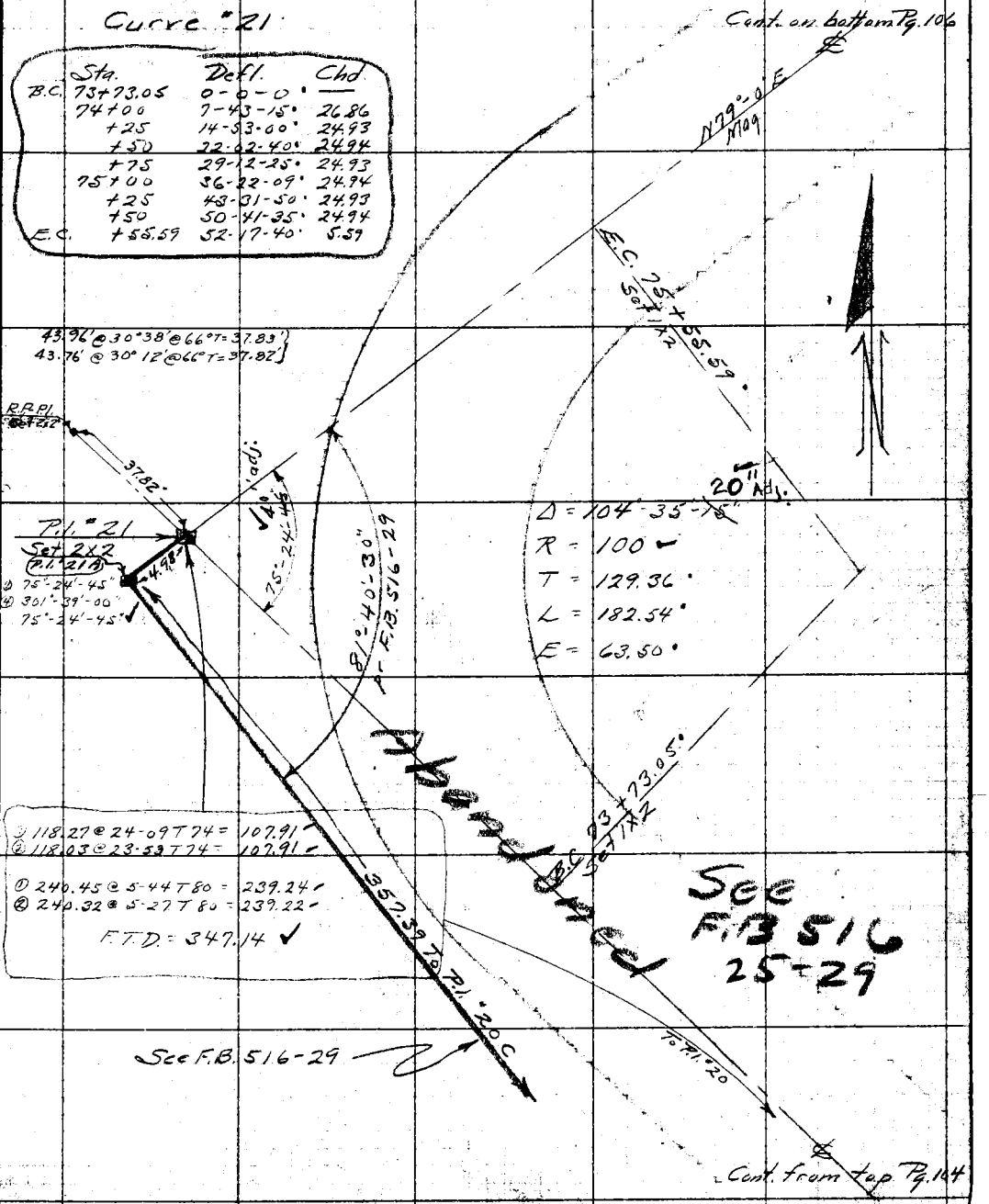
Date 6-3-30 Notes by Hellstrom Chief Party F.B. 416 Pg 105

Plotted by H. U. M. H.	W. O. No. 948 B. B. O. No.
Date NOV 21 1931	Location Cp Bon Pr. Fk Rd.
Map No. B-471-1	Surveyed by Hellstrom
Plotting C'k'd by KRM	Date 6-3-30
Date Nov. 1931	Indexed A. C. Johnson

Curve #21

Cont. on bottom Pg. 106

	Sta.	Defl.	Chd
B.C.	73+73.05	0-0-0	—
	74+00	7-43-15	26.86
	+25	14-53-00	24.93
	+50	22-02-40	24.94
	+75	29-12-25	24.93
	75+00	36-22-09	24.94
	+25	43-31-50	24.93
	+50	50-41-35	24.94
E.C.	+55.59	52-17-40	5.59



Cont. from top Pg. 104

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

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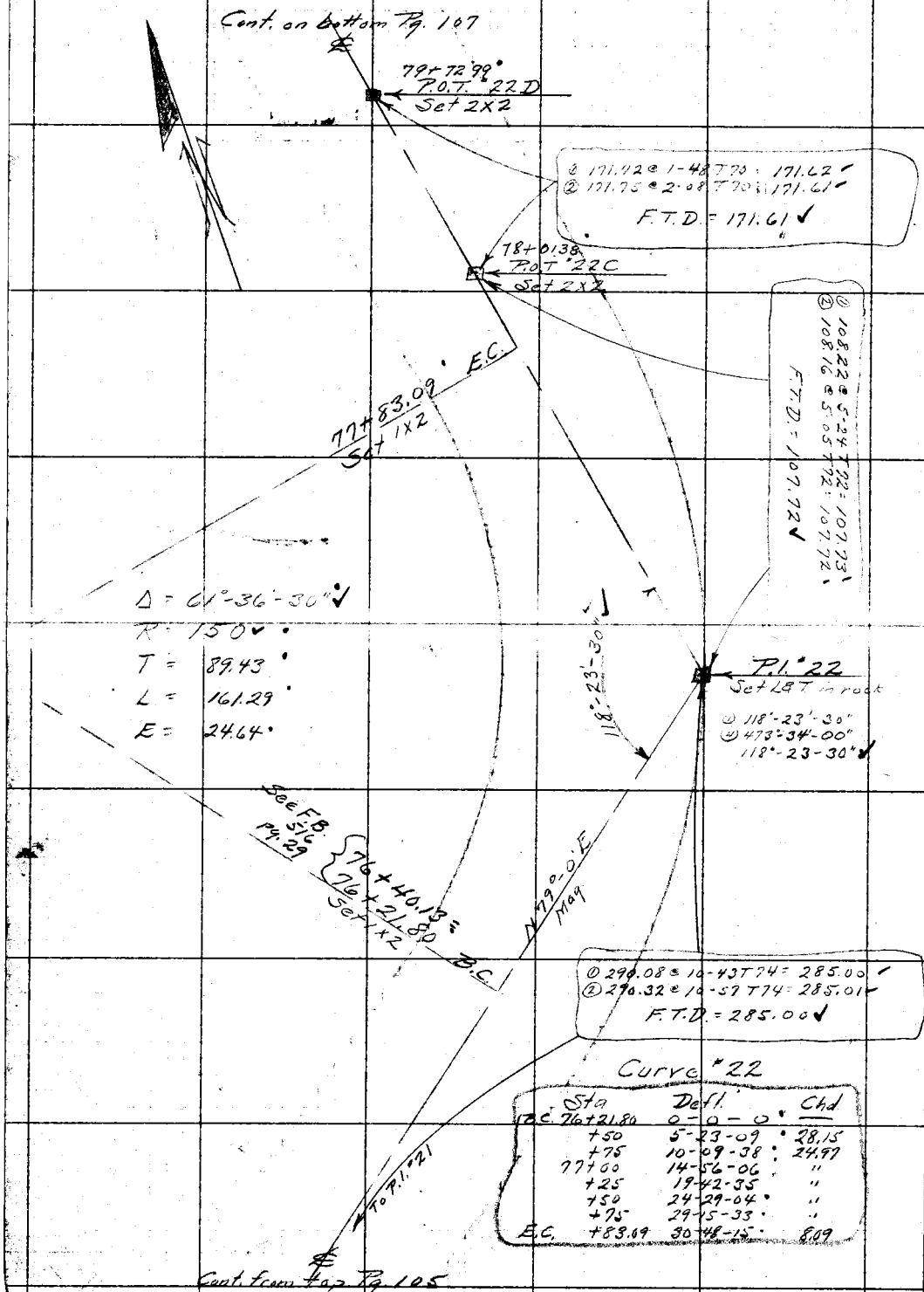
RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 106 Chief Party Notes by Hellstrom Date 6-3-30

Cont. on bottom Pg. 107



Curve #22

	Sta	Defl.	Chd
B.C.	76+21.80	0-0-0	
	+50	5-23-09	28.15
	+75	10-09-38	24.97
	77+00	14-56-06	"
	+25	19-42-35	"
	+50	24-29-04	"
	+75	29-15-33	"
E.C.	+83.09	30-48-15	8.09

Cont. from top Pg. 105

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-27-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 107

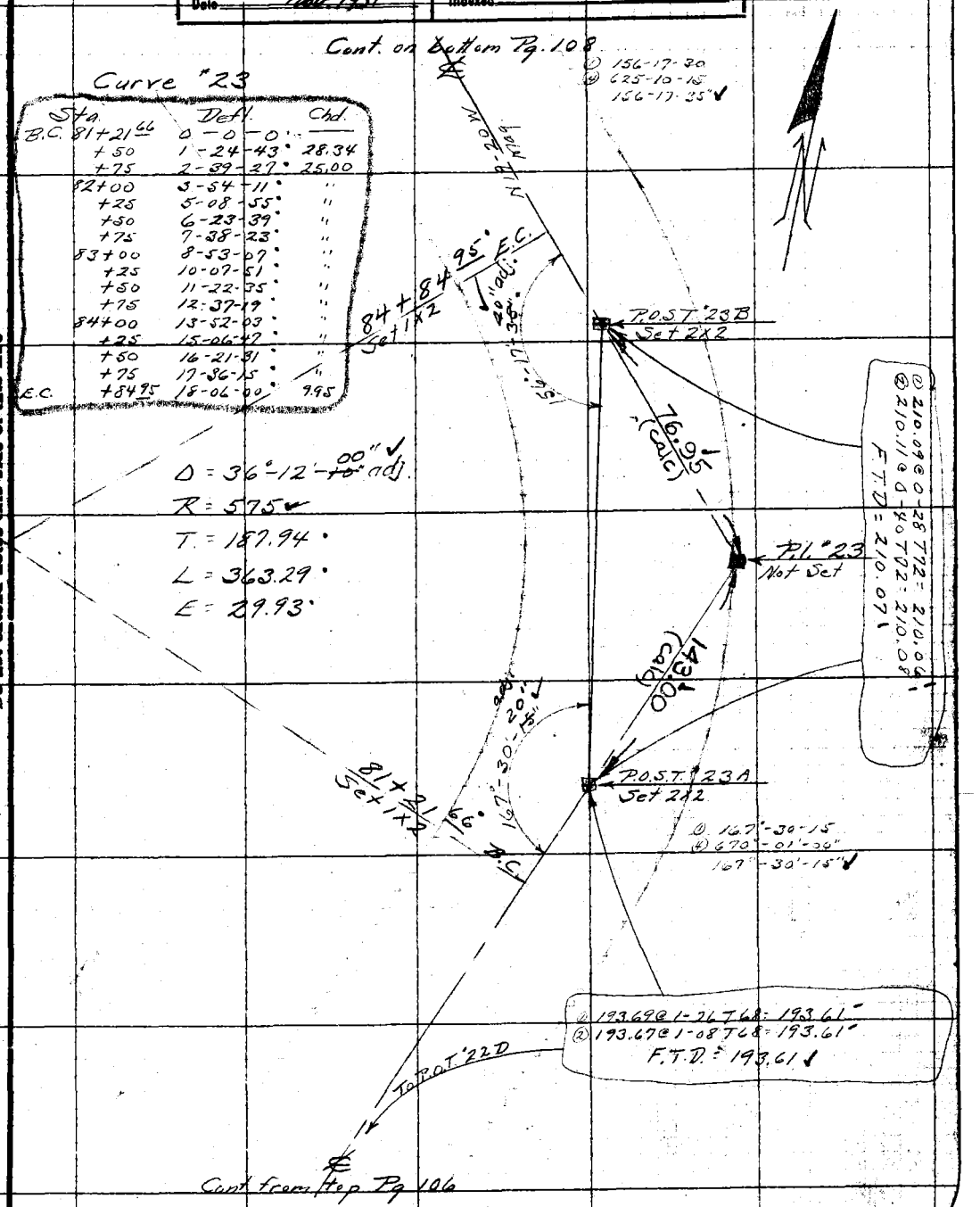
Plotted by H. U. M. H.	W. O. No. 948 tape O. B. O. No. 14
Date NOV 21 1931	Location Cp. Bon Pr. Fk Rd.
Map No. B-471-1	Surveyed by Hellstrom
Plotting C'k'd by K.R.M.	Date 5-27-30
Date Nov. 1931	Indexed A. C. Johnson

Hellstrom
Tombleson
McCorver
Mannion
Clyde Stewart

Cont. on bottom Pg. 108

Curve #23

Sta.	Defl.	Chd.
B.C. 81+21.66	0-0-0	
+50	1-24-43	28.34
+75	2-39-27	25.00
82+00	3-54-11	"
+25	5-08-55	"
+50	6-23-39	"
+75	7-38-23	"
83+00	8-53-07	"
+25	10-07-51	"
+50	11-22-35	"
+75	12-37-19	"
84+00	13-52-03	"
+25	15-06-47	"
+50	16-21-31	"
+75	17-36-15	"
E.C. +84.95	18-06-00	9.95



Cont from top Pg 106

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

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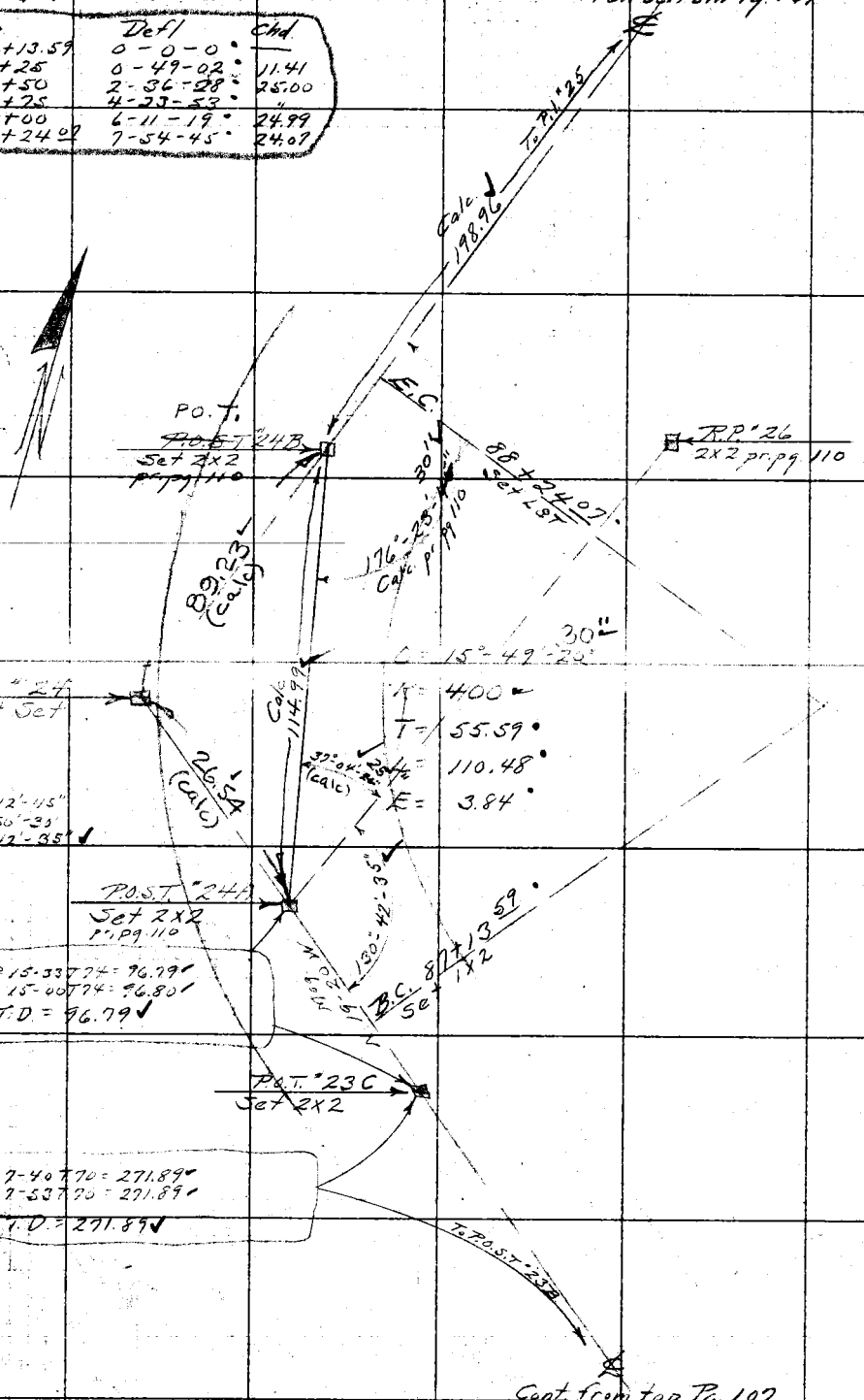
RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. #16 Pg. 108 Chief Party Notes by Hellstrom Date 5-27-30

Curve #24

Sta	Defl	Chd
B.C. 87+13.59	0-0-0	—
+25	0-49-02	11.41
+50	2-36-28	25.00
+75	4-23-53	"
88+00	6-11-19	24.99
E.C. +24.07	7-54-45	24.07

Cont. on bottom Pg. 109

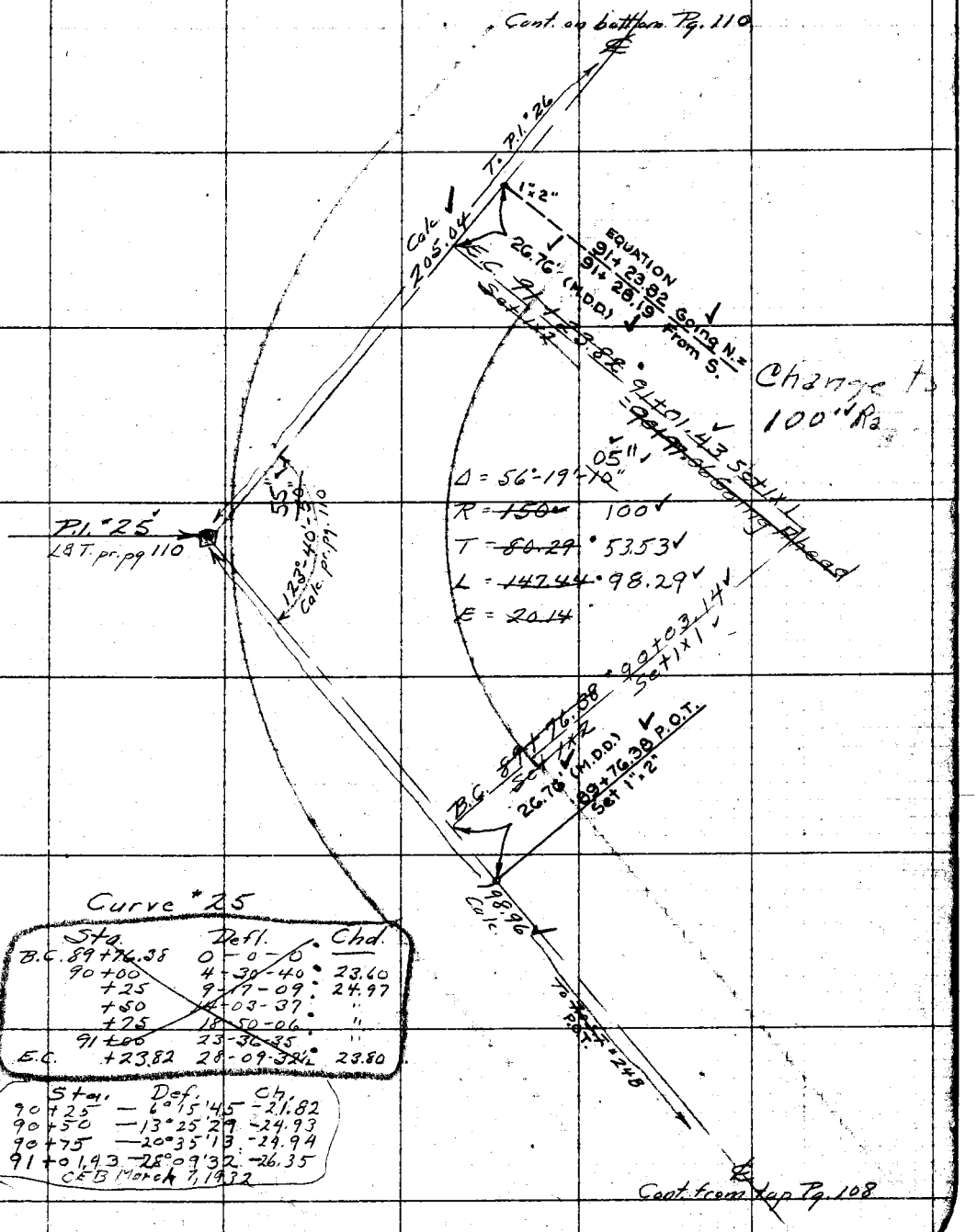


Cont from top Pg. 107

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-27-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 109

Plotted by H.U.M.H.	W.O. No. 948 ~~B.G.O.~~ tape No. 14
Date NOV 21 1931	Location Cp. Bon Pr. Fk Rd
Map No. 3471-1	Surveyed by Hellstrom
Plotting C'k'd by KRM	Date ~~A. C. Johnson~~
Date Nov. 1931	Indexed



Curve #25

Sta.	Defl.	Chd.
B.C. 89+76.38	0-0-0	
90+00	4-30-40	23.60
+25	9-17-09	24.97
+50	14-03-37	"
+75	18-50-06	"
91+00	23-36-35	"
E.C. +23.82	28-09-32½	23.80

Sta.	Def.	Ch.
90+25	— 6°15'45	-21.82
90+50	—13°25'29	-24.93
90+75	—20°35'13	-24.94
91+01.43	—28°09'32	-26.35

CEB March 7, 1932

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

Do not extend notes this side of this Map

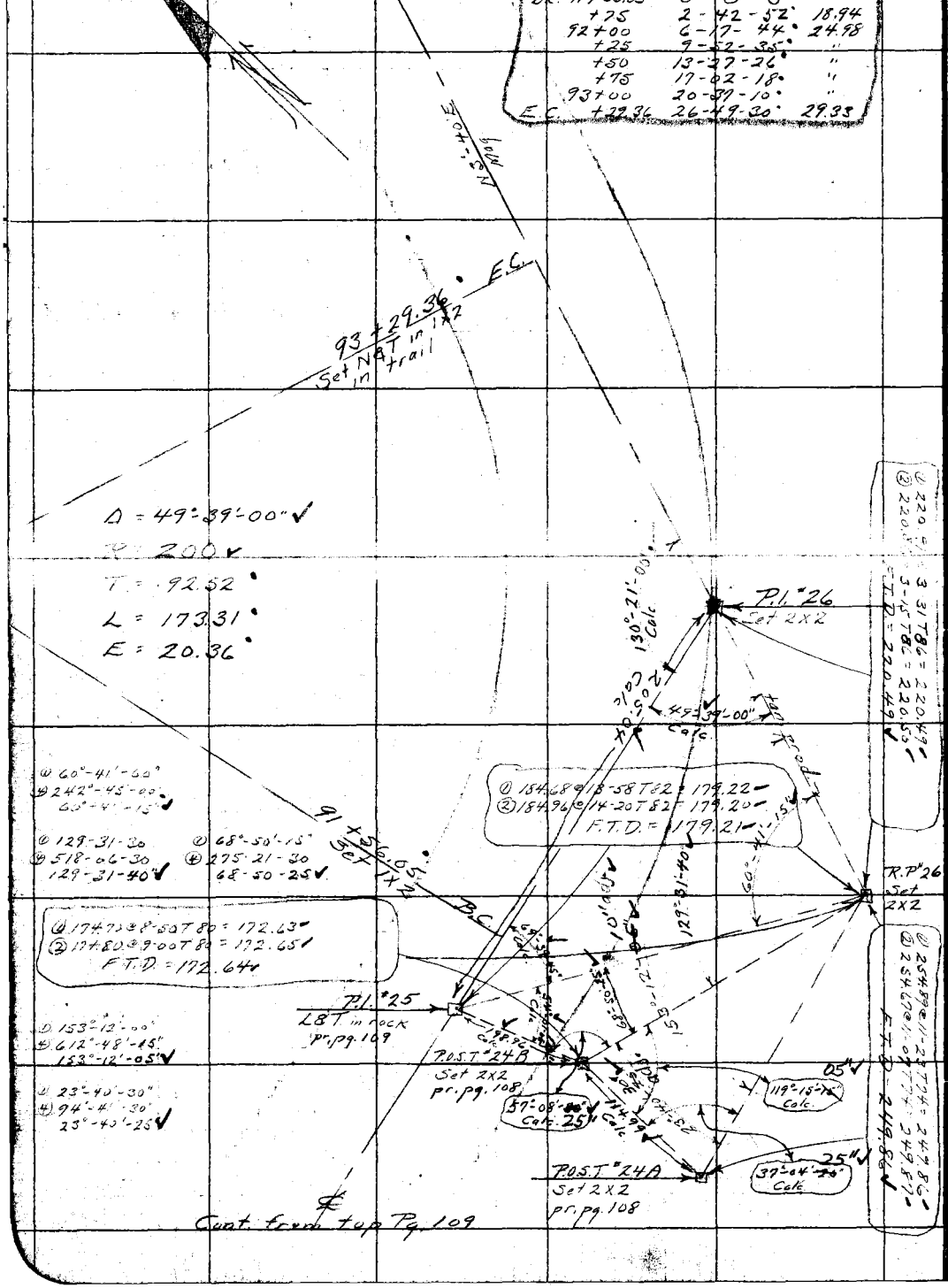
RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 110 Chief Party Notes by Hellstrom Date 5-27-30

Cont. on bottom Pg. 111

Curve #26

Sta.	Defl.	Chd.
B.C. 91+56.05	0-0-0"	
+75	2-42-52"	18.94
92+00	6-17-44"	24.98
+25	9-52-36"	"
+50	13-27-26"	"
+75	17-02-18"	"
93+00	20-37-10"	"
E.C. +29.36	26-49-30"	29.33



Cont. from top Pg. 109

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-27-30 Notes by Hellstrom Chief Party Hellstrom F.B. 416 Pg. 111

Plotted by H.U.M.H.	W.O. No. 948 Sec. No. 14
Date NOV 21 1931	Location Cp. Bon. Pr. Fr. Rd.
Map No. B-471-1	Surveyed by Hellstrom
Plotting C'k'd by MSH	Date 5-27-30
Date Nov 1931	Indexed A. C. Johnson

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHECKED IN red WITH DATE AND NAME OF PERSON MAKING CHANGE.

RETURN TO LOS ANGELES COUNTY SURVEYOR

Dotted extend notes this side of this line

Cont. on bottom Pg. 112

Curve #27

Sta.	Defl.	Chd
B.C. 96+20.27	0-0-0	
+50	6-48-49	29.66
+75	12-32-35	24.96
97+00	18-16-22	"
+25	24-00-08	"
+50	29-43-55	"
E.C. +77.43	36-01-05	27.38

E.C. 97+77.43 Set 1X2

N 75-45 E M.B.

66.00 @ 20°50' @ 66° = 61.67
66.45 @ 21°50'30" = 61.68

① 107°-58'-00"
② 431°-51'-30"
107°-57'-50"
R.P.I. Set 2X2 Tan Proof

107°-57'-50"

Δ = 72°-02'-10"
R = 125
T = 90.88
L = 157.16
E = 29.54

P.I. #27 Set 2X2

8790 @ 27°21' @ 66° = 78.80
88.37 @ 28°11' @ 66° = 79.19

37.38 @ 23°36' (Ch. 36.80)
37.14 @ 22°18' (Ch. 36.80)

① 157.25 @ 2-55 T 78 = 157.04
② 157.33 @ 3-27 T 78 = 157.04
F.T.D = 157.04

B.C. 96+20.27 Set 1 A.T.

P.O.T. #27A Set 2X2

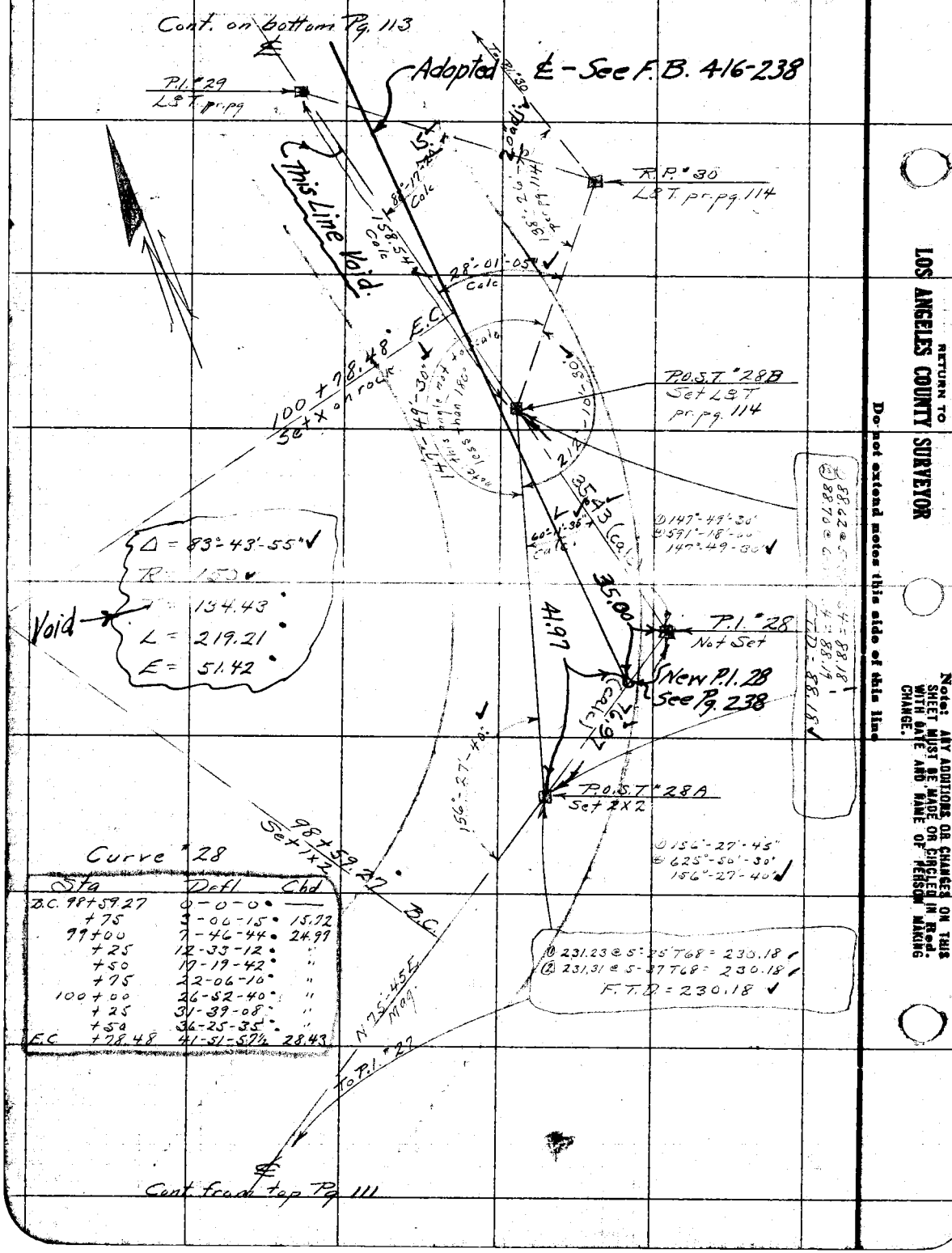
① 78.73 @ 3-58 T 72 = 78.53
② 78.68 @ 3-24 T 72 = 78.53

① 239.63 @ 4-55 T 78 = 238.74
② 239.76 @ 5-16 T 78 = 238.74
F.T.D = 317.27

To P.I. #26

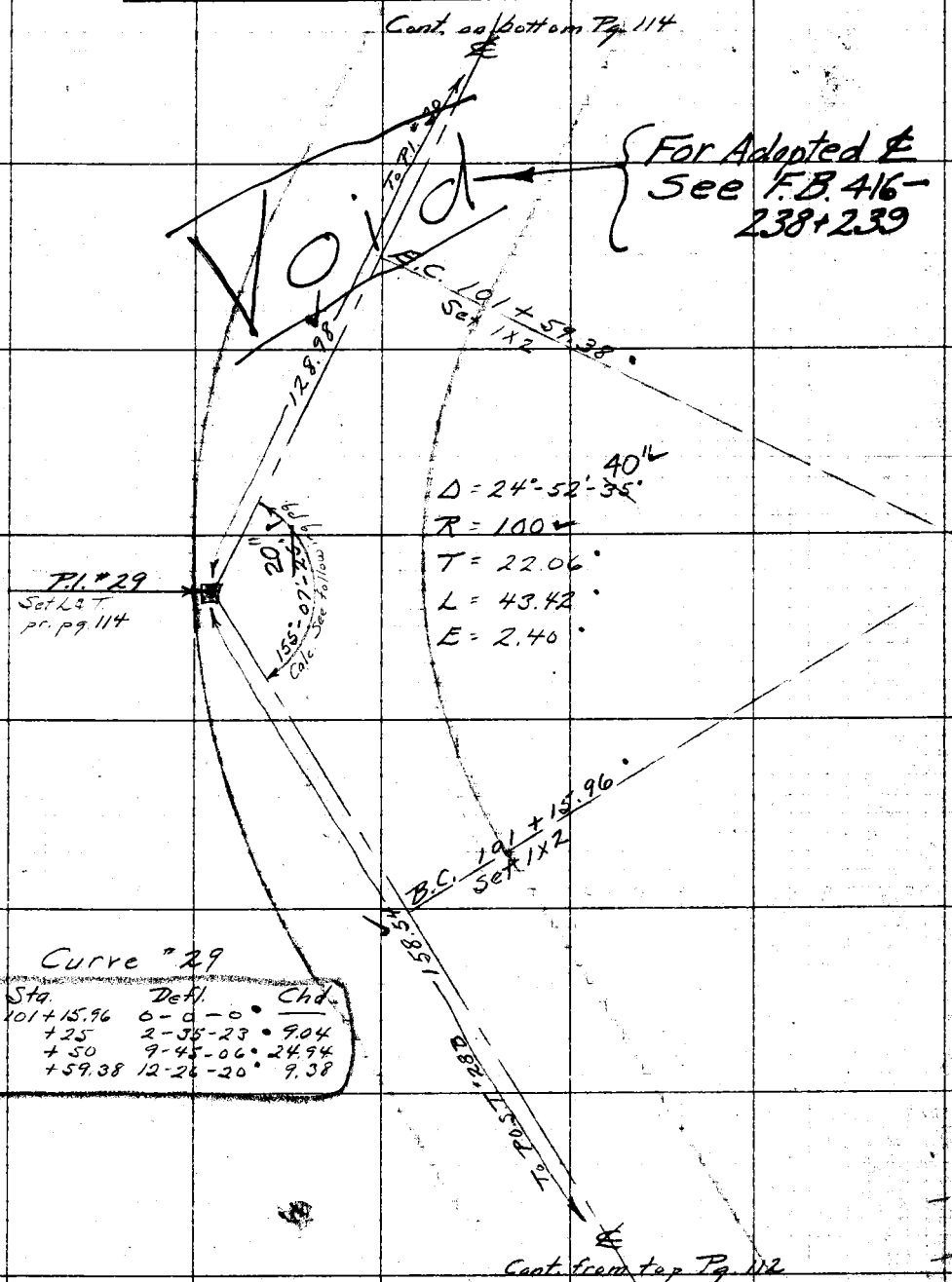
Cont. from top Pg. 110

F.B. 416 Pg. 112 Chief Party Notes by Hellstrom Date 5-26-30



Date 5-26-30 Notes by Hellstrom Chief Party F.B. 416 Pg 113

Plotted by H. U. M. H.	W. O. No. 948 Type D. C. O. No. 19
Date NOV 21 1931	Location Cp. Bon Pr. Fk Rd
Map No. B-471-1	Surveyed by Hellstrom
Plotting C'k'd by K.R.M.	Date 5-26-30
Date Nov. 1931	Indexed A. C. Johnson



Curve #29

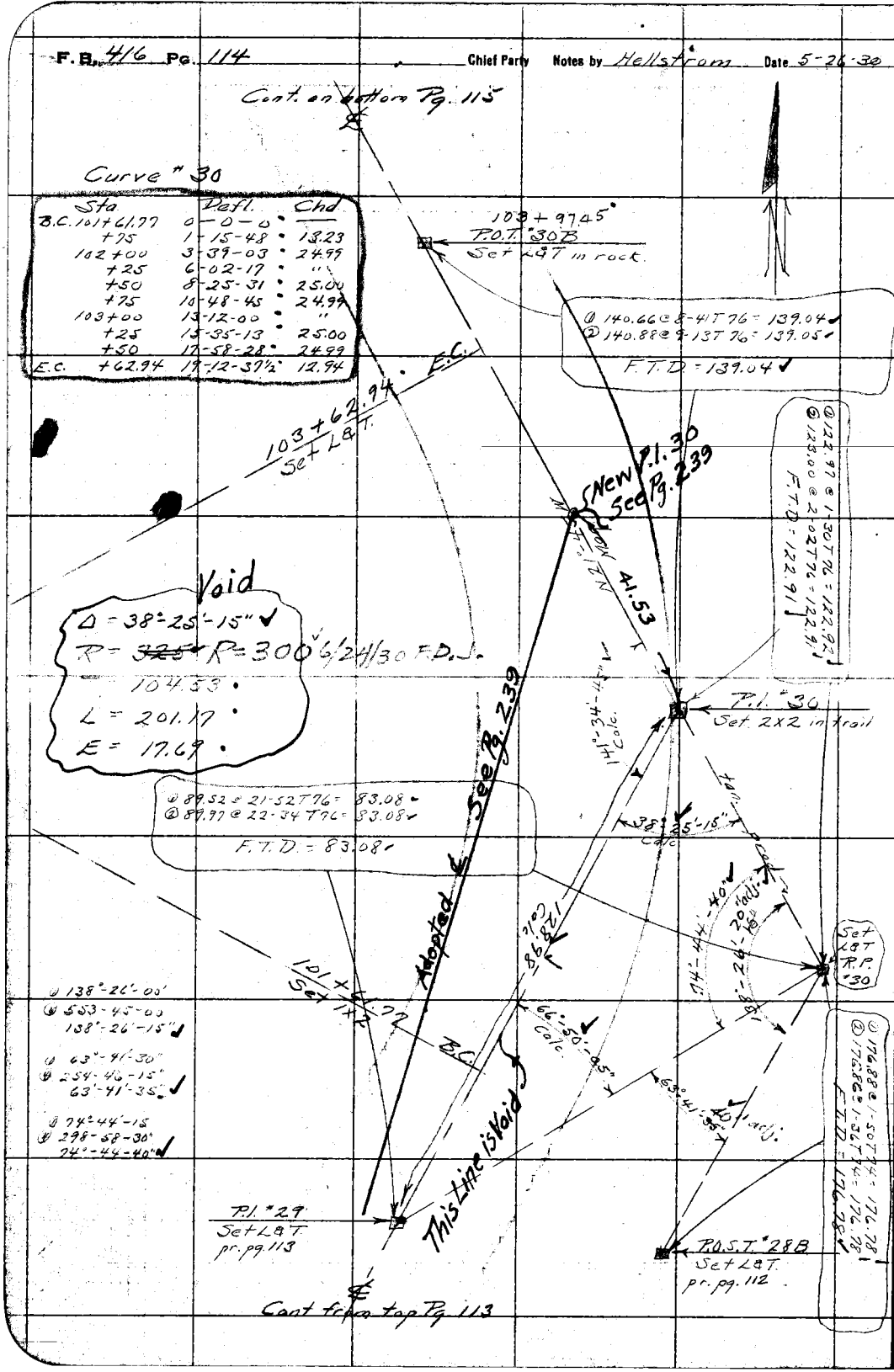
	Sta.	Defl.	Chd.
B.C.	101+15.96	0-0-0	
	+25	2-35-23	9.04
	+50	9-45-06	24.94
E.C.	+59.38	12-26-20	9.38

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 114 Chief Party Notes by Hellstrom Date 5-26-30



RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 5-26-50 Notes by Hellstrom Chief Party F.B. 416 Pg. 115

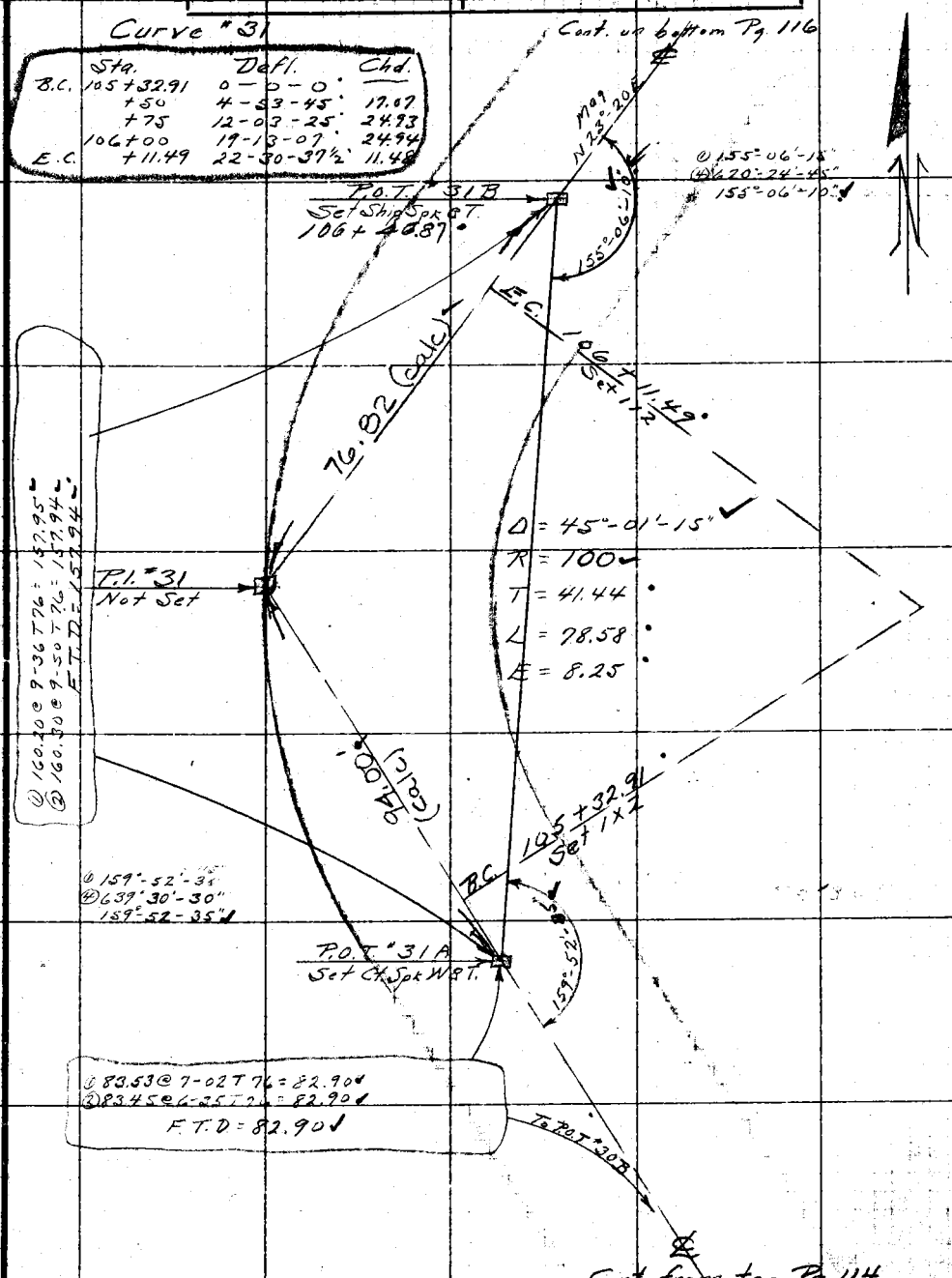
Plotted by H. U. M. H.	W. O. No. 948 Page No. 19
Date NOV 21 1931	Location Cp. Bon. Pr. Fr. Rd.
Map No. B-471-1	Surveyed by Hellstrom
Plotting Ck'd by KRM	Date 5-26-50
Date Nov. 1931	Indexed A. C. Johnson

Hellstrom
Tomlinson
Mc Carver
Mannion
C. Stewart

Curve #31

	Sta.	Defl.	Chd.
B.C.	105+32.91	0-0-0	
	+50	4-53-45	17.07
	+75	12-03-25	24.93
	106+00	19-13-07	24.94
E.C.	+11.49	22-30-37½	11.48

Cont. on bottom Pg. 116



Ⓐ 160.20 @ 7-36 T 76 = 157.95
Ⓑ 160.30 @ 7-50 T 76 = 157.94
F.T.D. = 157.94

Ⓐ 159°-52'-35"
Ⓑ 639°-30'-30"
159°-52'-35"

Ⓐ 83.53 @ 7-02 T 76 = 82.90
Ⓑ 83.45 @ 6-25 T 76 = 82.90
F.T.D. = 82.90

Cont. from top Pg. 114

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red: WITH DATE AND NAME OF PERSON MAKING CHANGE.
Do not extend notes this side of this line
RETURN TO LOS ANGELES COUNTY SURVEYOR

F. B. 446 Pg 116 Chief Party Notes by Hellstrom Date 5-26-30

Cont. on bottom Pg 117

℄

To P.O.T. 33A

① 134.34 @ 4-06 T 72 = 133.99
② 134.26 @ 3-37 T 72 = 133.98
F.T.D. = 133.98

Curve #32

Sta.	Defl	Chd
B.C. 107+59.41	0 - 0 - 0	
+75	4 - 27 - 58	15.58
108+00	11 - 37 - 41	24.93
+25	18 - 47 - 25	24.94
E.C. +46.02	24 - 48 - 40	20.98

108+46.02 E.C.
Set 1x2

D = 49-37-~~25~~ 20"
R = 100
T = 46.23
L = 86.61
E = 10.17

Pl. #32
Set 2x2

① 130-22-45
② 521-30-15
130-22-35

N 23-30 E
1709

107+59.41 B.C.
Set 1x2

① 160.86 @ 9-13 T 75 = 158.77
② 160.74 @ 8-57 T 75 = 158.77
F.T.D = 158.77

To P.O.T. 31B

℄

Cont. from top Pg 115

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-25-30 Notes by Hellstrom Chief Party F.B. 416 Pg 117

Plotted by H. U. M. H.	W. O. No. 948 Sp. Ord. No. 19
Date NOV 21 1931	Location Cp. Bon. Pc. Fk Rd
Map No. B-471-1	Surveyed by Hellstrom
Plotting Ck'd by K.R.M.	Date 5-25-30
Date Nov. 1931	Indexed A. C. Johnson

Cont. on bottom Pg. 118

N56°-25'E
M.09

E.C. 111+11.57
Set L&T.

① 127°-02'-15"
② 508°-09'-30"
127°-02'-20"

P.O.S.T #33B
2X2 pr. pg

127°-02'-20"

38.44
(calc)

P.I. #33
Not Set

① 115.92@0-0T74 = 115.91
② 115.93@0-42T94 = 115.91
F.T.D. = 115.91

Δ = 82°-59'-10"
R = 150
T = 132.68'
L = 217.26'
E = 50.26'

90°

(RPPOST #33A Set 2X2
9-14-32 CE Bmitch)

RPPOST #33A
Set L&T in bedrock
9-14-32 CE B

P.O.S.T 33A
Set 2X2

149°-58'-30"

B.C. 108+94.31
Set 1X2

① 149°-58'-30"
② 599°-54'-00"
149°-58'-30"

68.92@11°50T90 =
69.19@12°49T90 =
69.47@13°46T90 =
T.o.K.P.

51.13@14°11T90 =
51.25@14°43T90 = 90 PR
50.81@12°41T90 =

Curve 33

	Sta.	Defl.	Chd
B.C.	108+94.31	0-0-0	
	109+00	1-05-12	5.69
	+25	5-51-41	24.97
	+50	10-38-10	"
	+75	15-24-38	"
	110+00	20-11-07	"
	+25	24-57-36	"
	+50	29-44-05	"
	+75	34-30-33	"
	111+00	39-17-00	"
E.C.	+11.57	41-29-35	11.57

Cont. from top Pg. 116

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F. B. 416 PG 118 Chief Party Notes by Hellstrom Date 5-25-34

Curve #34

	Sta.	Defl	Chd.
B.C	113+04.30	0-0-0	
	+25	2-38-08	20.69
	+50	5-49-07	24.99
	+75	9-00-06	"
	114+00	12-11-06	24.98
	+25	15-22-05	24.99
	+50	18-33-04	"
	+75	21-44-04	24.98
	115+00	24-55-03	24.99
	+25	28-06-02	"
	+50	31-17-02	24.98
	+75	34-28-00	24.99
	116+00	37-39-00	"
	+25	40-49-59	"
	+50	44-00-58	24.98
	+75	47-11-57	24.99
E.C.	+80.93	47-57-15	5.93

Cont. on bottom Pg. 119

℄ To P.I. 35

392.24

E.C.

To P.I. 35

P.O.S.T. #34 B
2X2 pr pg. 119

116+80.1
56+11.2

66°-42'-45" Equad.
per pg. 119

R.P. #35
R.P.T. pr pg. 119

95°-54'-35"
R = 225
T = 249.49
L = 376.63
E = 110.96

57.85 (calc)

① 39°-44'-15"
④ 58°-58'-30"

① 204.83 @ 12-16 T82 = 199.32
② 204.7 @ 12-45 T82 = 199.38
F.T.D. = 398.71

P.I. #34
Not Set

130.11 (calc)

① 128°-02'-30"
④ 512°-10'-00"
128°-02'-30"

128°-02'-30"

P.O.S.T. #34A
Set 2X2

113+04.3
56+11.2

30° B.C.

① 219.26 @ 13-56 T86 = 212.81
② 219.11 @ 13-46 T86 = 212.81

① 164.53 @ 0-0 T80 = 164.53
③ 164.60 @ 1-27 T80 = 164.55

F.T.D. = 377.35

N 56°-23' E
To P.O.S.T. #33B

Cont. from top Pg. 117

24.99
13.41
10.38
1.4 - 4.88

RETURN TO
LOS ANGELES COUNTY SURVEYOR

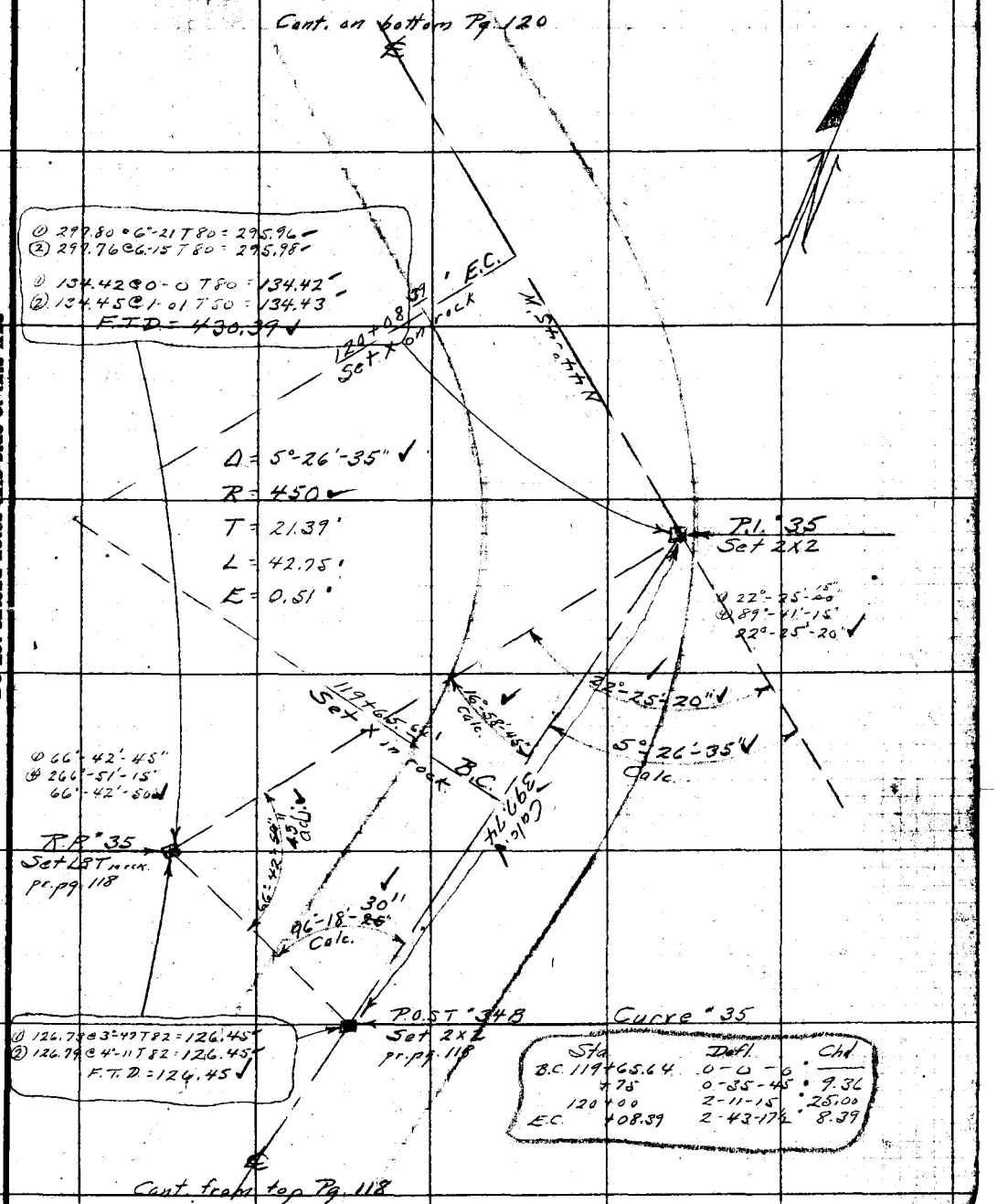
Do not extend notes this side of this line

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

Date 5-24-30 Noted by Hellstrom Chief Party F.B. 416 Pg 119

Plotted by H. U. M. H.	W. O. No. 948 Topo No. 19
Date NOV 21 1931	Location Cp Bon. Pr Fk Rd.
Map No. B-471-1	Surveyed by Hellstrom
Plotting C'k'd by K.R.M.	Date 5-24-30
Date Nov. 1931	Indexed C. Johnson

Hellstrom
Tambleson
McCarrer
Mann on
C. Stewart (Sick)



Sta.	Defl.	Chd.
B.C. 119+65.64	0-0-0	
+75	0-35-45	9.36
120+00	2-11-15	25.00
E.C. +08.39	2-43-17½	8.39

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

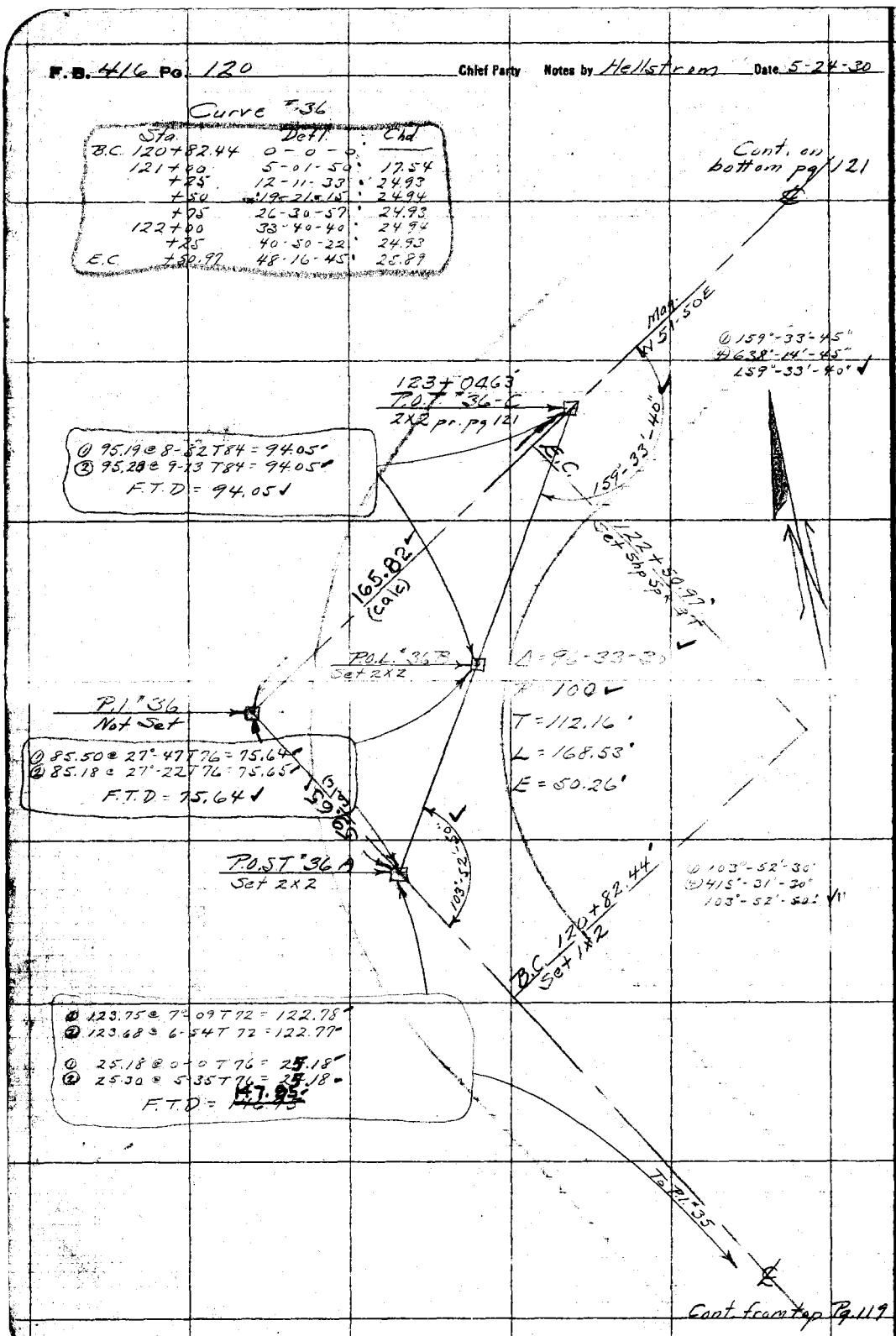
RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

F.B. 416 Pg. 120 Chief Party Notes by Hellstrom Date 5-24-30

Curve #36

Sta.	Defl.	Chd
B.C. 120+82.44	0-0-0	—
121+00	5-01-50	17.54
+25	12-11-33	24.93
+50	19-21-15	24.94
+75	26-30-57	24.93
122+00	33-40-40	24.94
+25	40-50-22	24.93
E.C. +50.97	48-16-45	25.89



RETURN TO LOS ANGELES COUNTY SURVEYOR

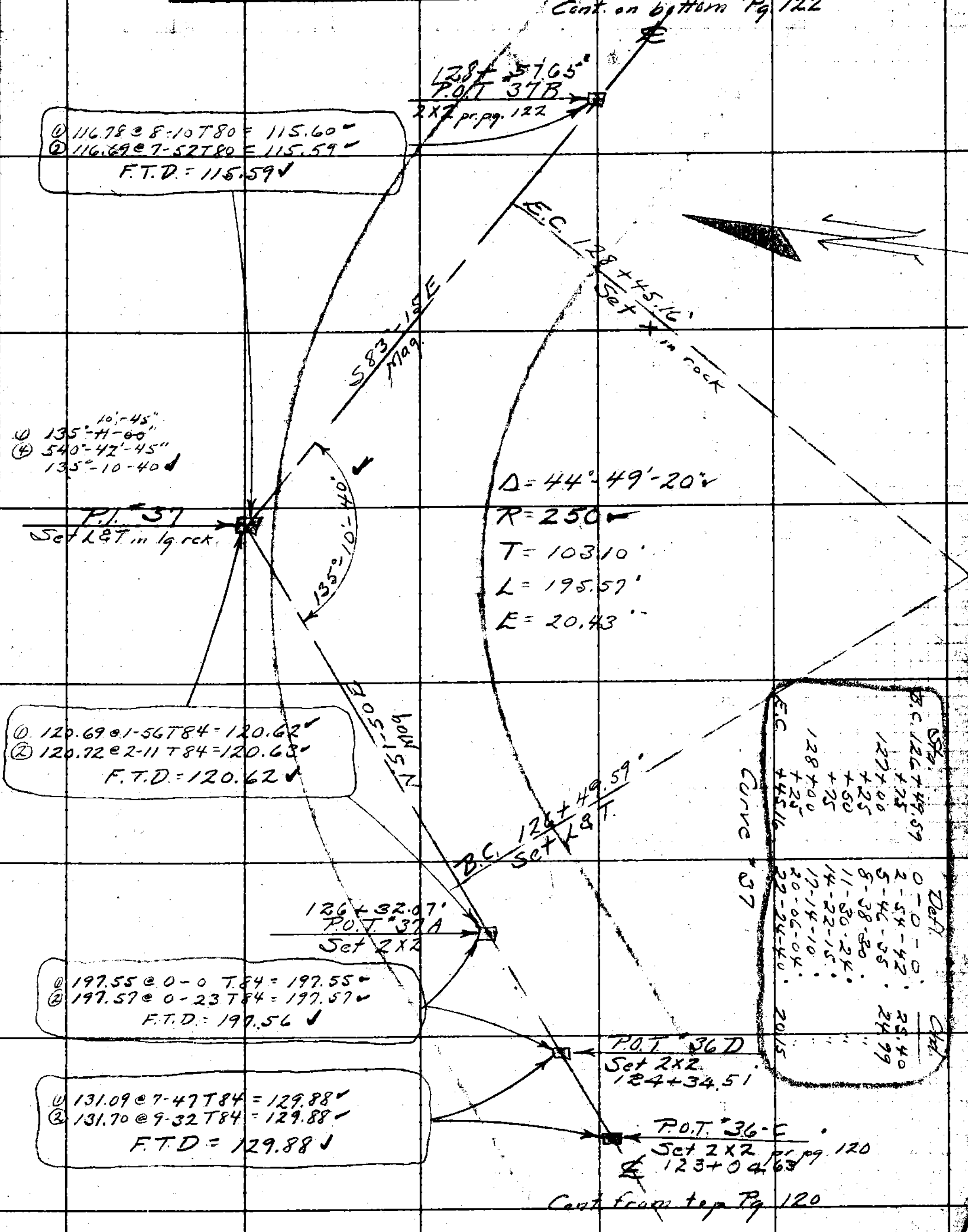
Do not extend notes this side of this line

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

Date 5-24-30 Notes by Hellstrom Chief Party ______ F.B. 416 Pg 121

Platted by H.U.M.H.	W.O. No. 948 S.O. No. 19
Date NOV 21 1931	Location Cp. Bon Pr. Fk Rd
Map No. B-471-1	Surveyed by Hellstrom
Platting Ch'k'd by K.R.M.	Date 5-24-30
Date Nov 1931	Indexed C. Johnson

Cont. on bottom Pg. 122



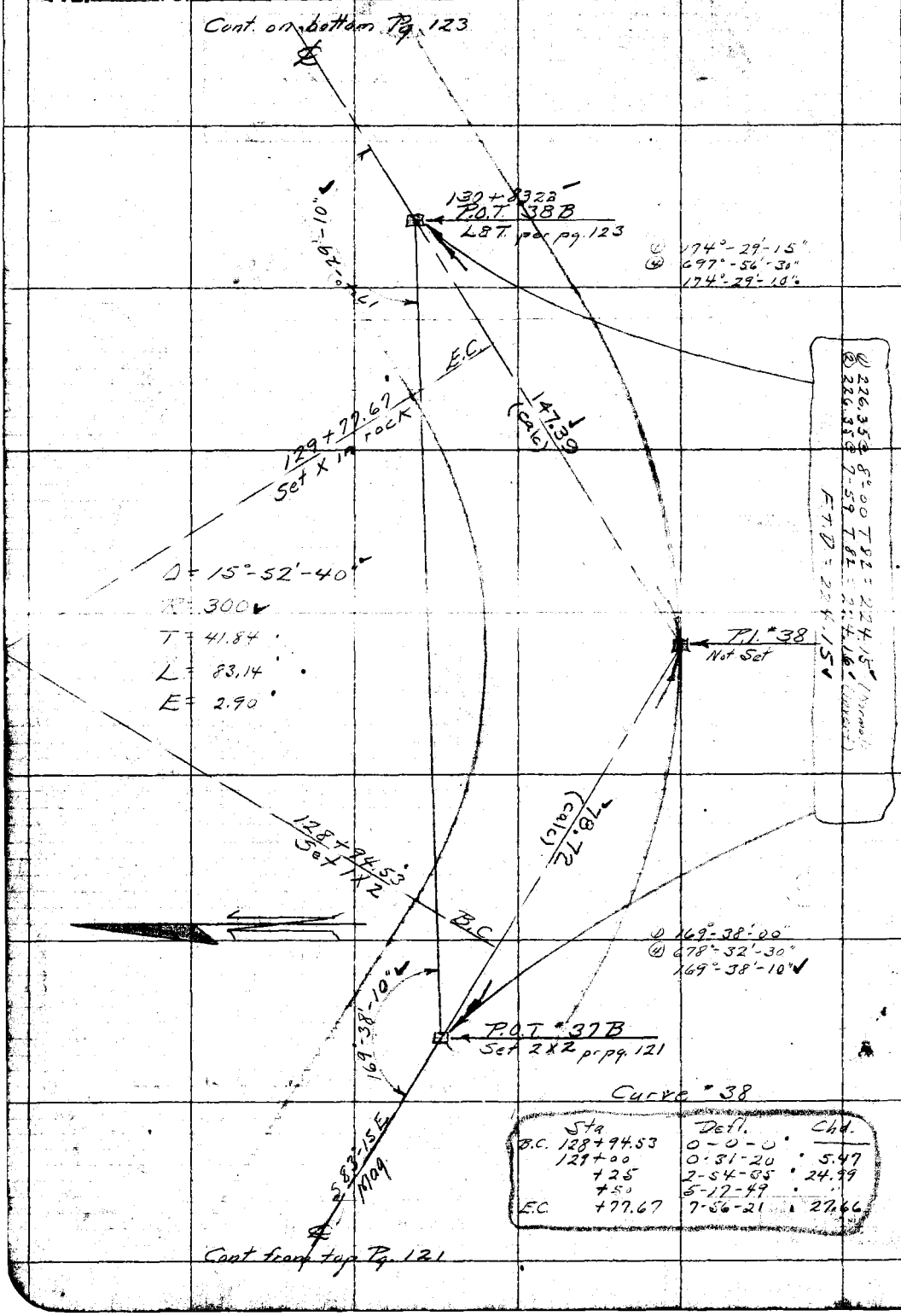
Cont. from top Pg. 120

RETURN TO LOS ANGELES COUNTY SURVEYOR

Notes. ANY ADDITIONS OR CHANGES OF THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

F.B. 416 Pg. 122 Chief Party Notes by Hellstrom Date 5-23-30



Curve #38

	Sta	Defl.	Chd.
B.C.	128+94.53	0-0-0	
	129+00	0-31-20	5.47
	+25	2-54-35	24.99
	+50	5-17-49	
E.C.	+77.67	7-56-21	27.66

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

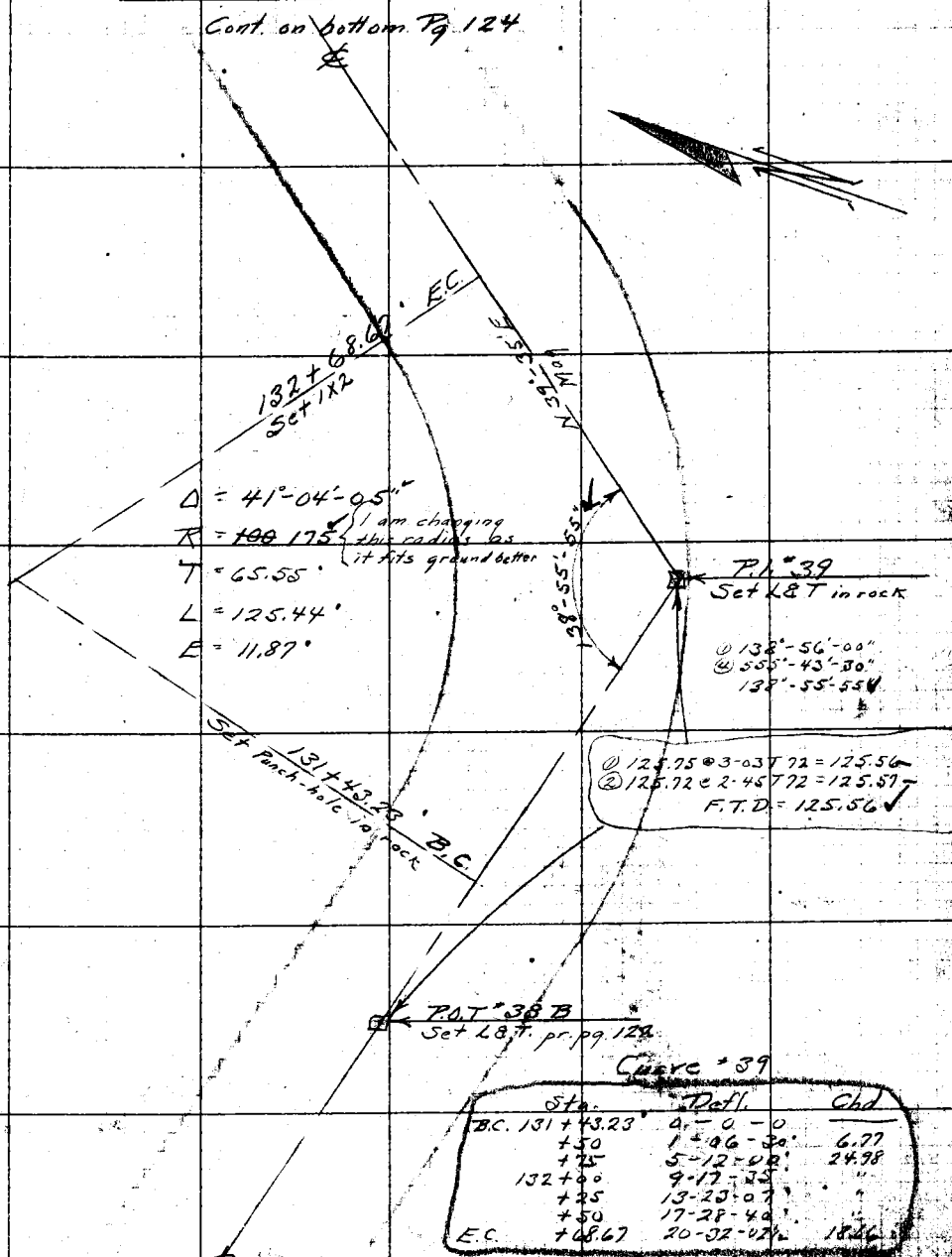
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-23-30 Notes by Hellstrom Chief Party F.B. 416 Pg 123

Platted by H.U.M.H.	W.O. No. 448 B.O.C. No. 19
Date NOV 21 1931	Location Cp. Bon Pa Fk Rd
Map No. B.471-2	Surveyed by Hellstrom
Platting C'k'd by K.R. McP	Date 5-23-30
Date NOV 26 1931	Indexed C. Johnson

Hellstrom
Tombleson
McCarver
Mannion
C. Stewart

Cont. on bottom Pg 124



Curve #39

Sta.	Defl.	Chd
B.C. 131+43.23	0-0-0	
+50	1-06-30	6.77
+75	5-12-00	24.98
132+00	9-17-35	"
+25	13-23-07	"
+50	17-28-40	"
E.C. +68.67	20-32-02½	18.46

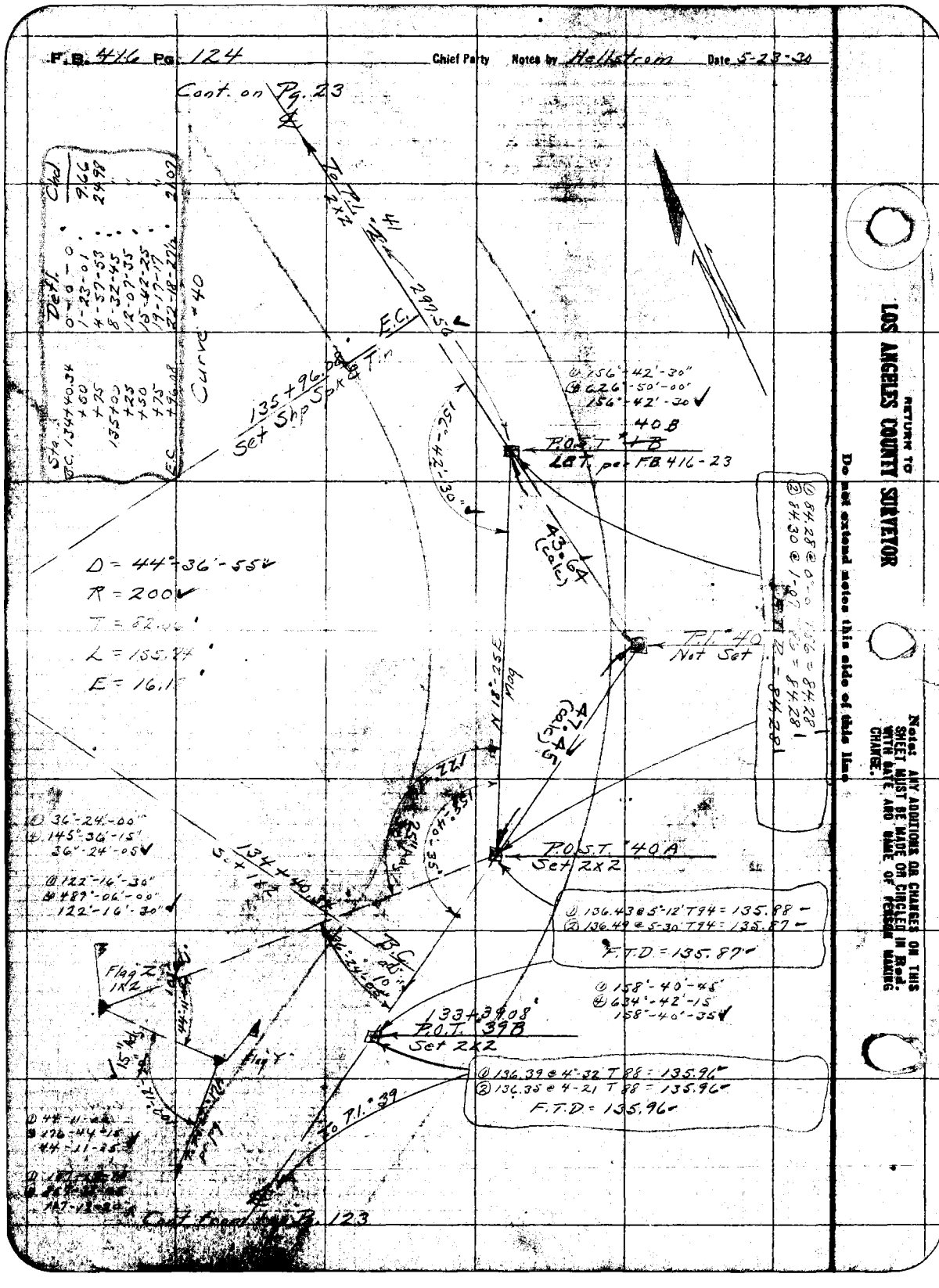
Cont from top Pg 122

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 124 Chief Party Notes by Hellstrom Date 5-23-30



RETURN TO LOS ANGELES COUNTY SURVEYOR

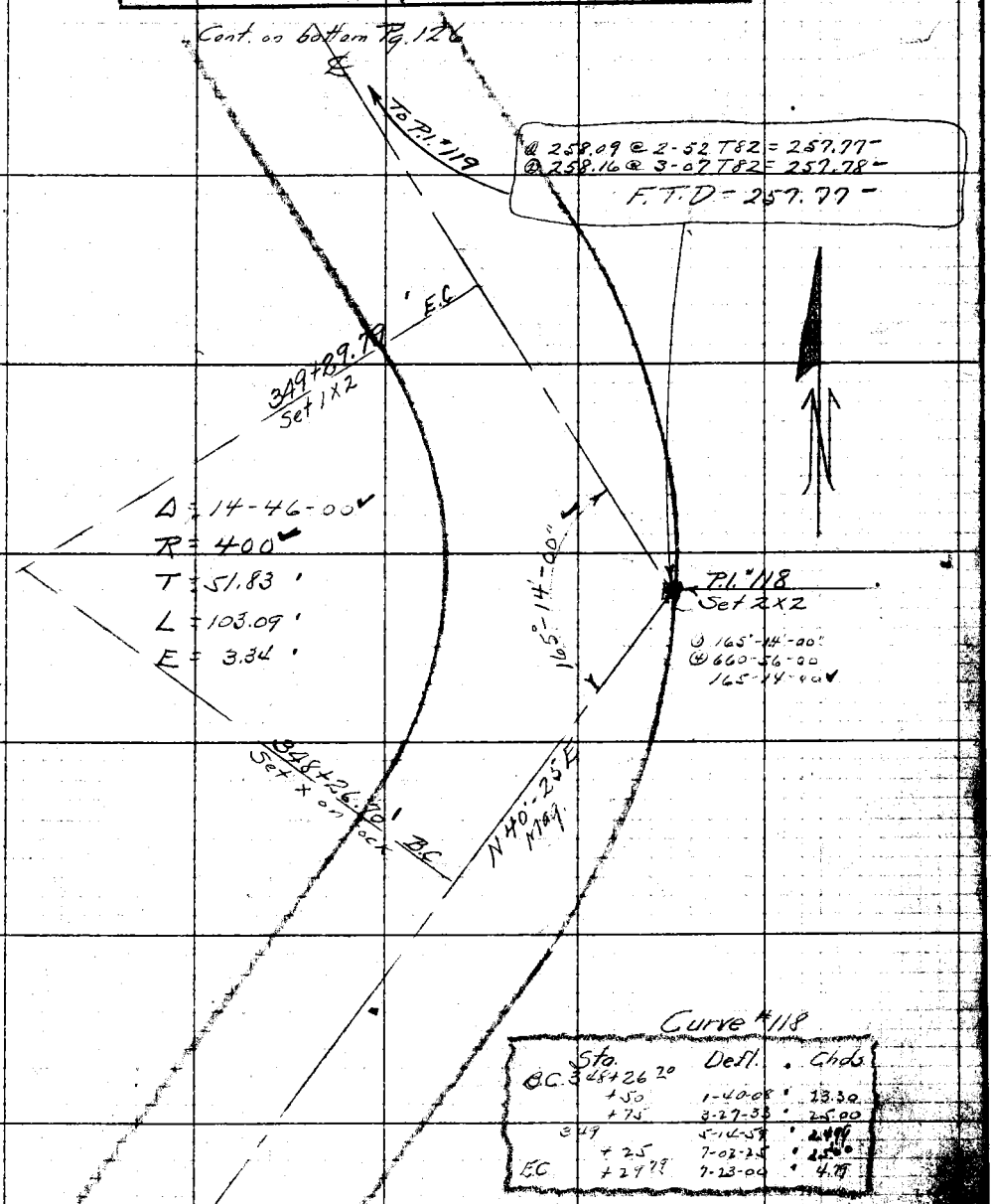
Do not extend notes this side of this line

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

Date 6-7-30 Notes by Hellstrom Chief Party AH F.B. 416 Pg 125

Platted by H.U.M.H.	W.O. No. 948 Tape No. 19
Date NOV 21 1931	Location Cp. Bon Pr Fk Rd
Map No. B.471-2.	Surveyed by Hellstrom
Platting C'k'd by K.R. McD	Date 6-7-30
Date NOV 22 1931	Indexed A. C. Johnson

Hellstrom & Clyde Stewart discuss value of yucca bushes. Conclusion: — Bush no good



Curve #118

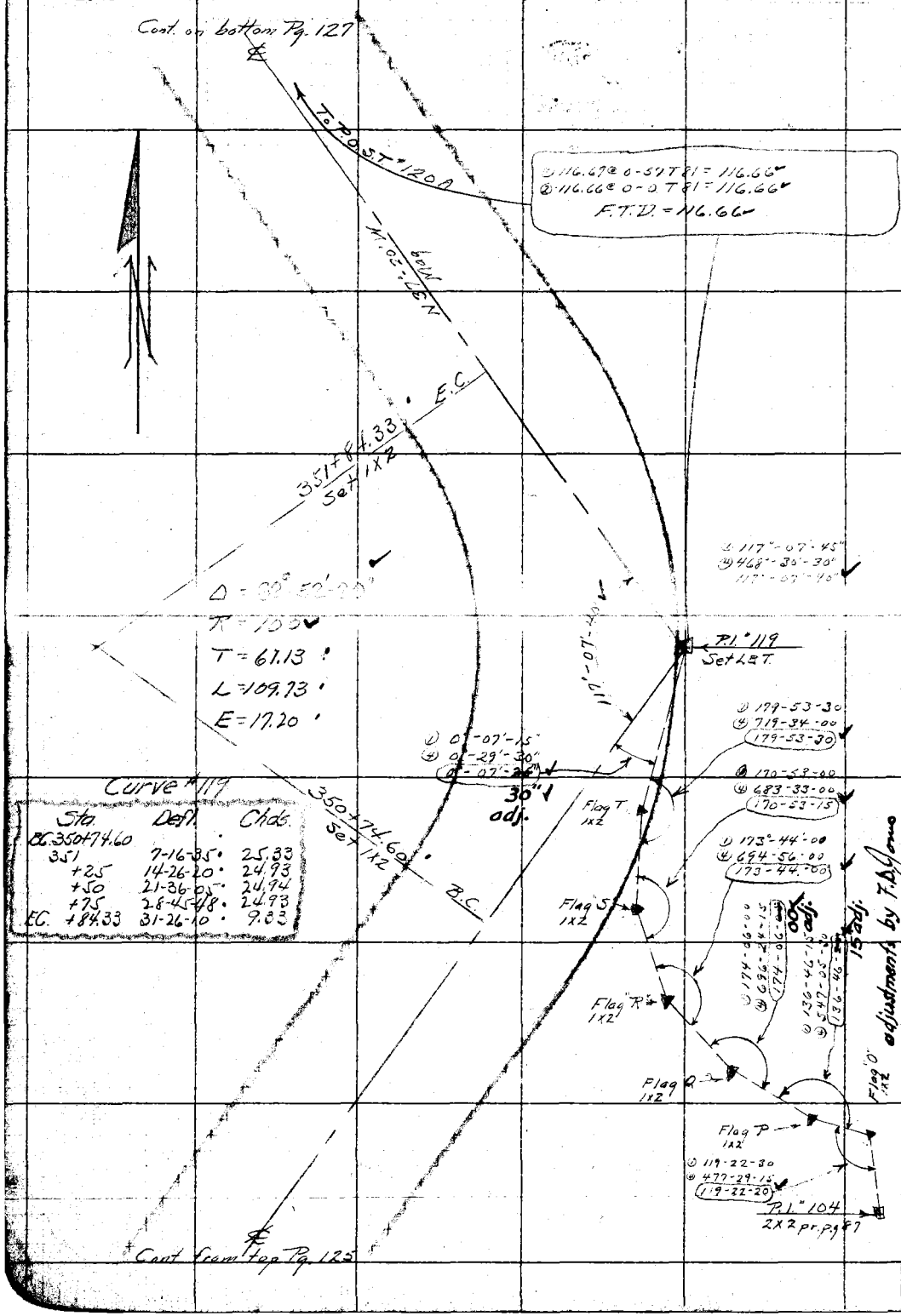
	Sta.	Defl.	Chds
B.C.	348+26.70		
	+50	1-40-08	23.30
	+75	3-27-33	25.00
	349	5-14-59	24.99
	+25	7-02-25	25.00
E.C.	+29.79	7-23-00	4.79

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 126 Chief Party Notes by Hellstrom Date 6-7-30



Curve #119

Sta.	Defl.	Chds.
BC 350+74.60		
351	7-16-35	25.33
+25	14-26-20	24.93
+50	21-36-05	24.94
+75	28-45-48	24.93
EC +84.33	31-26-10	9.33

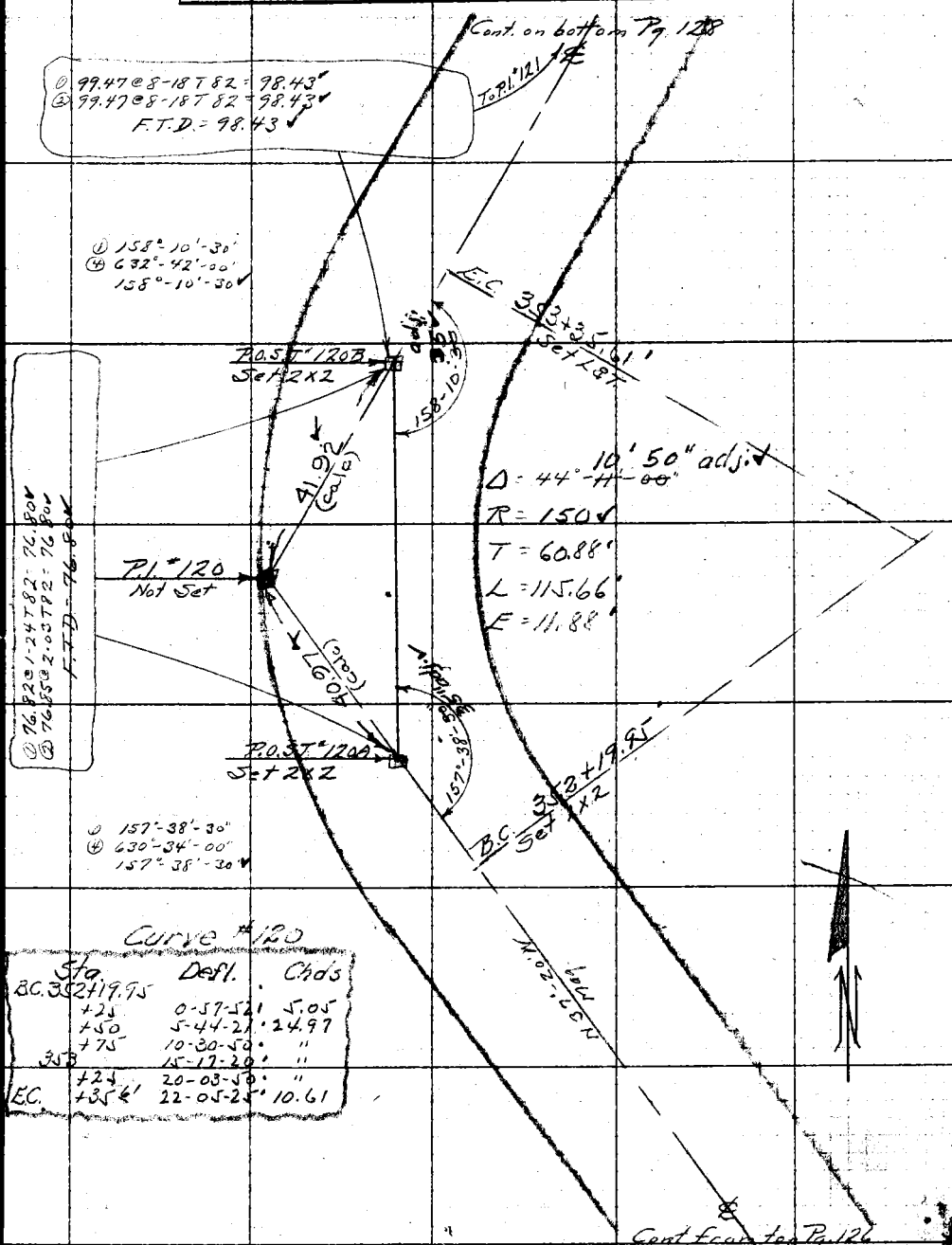
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line.

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

Date 6-7-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 127

Platted by H. U. M. H.	W. O. No. 948 B. S. O. No. #19
Date NOV 21 1931	Location Cp. Bon Pr. Fx Rd
Map No. B-471-2	Surveyed by Hellstrom
Platting C'k'd by K. R. McP.	Date 6-7-30
Date NOV 24 1931	Indexed G. Dwight Scott



Curve #120

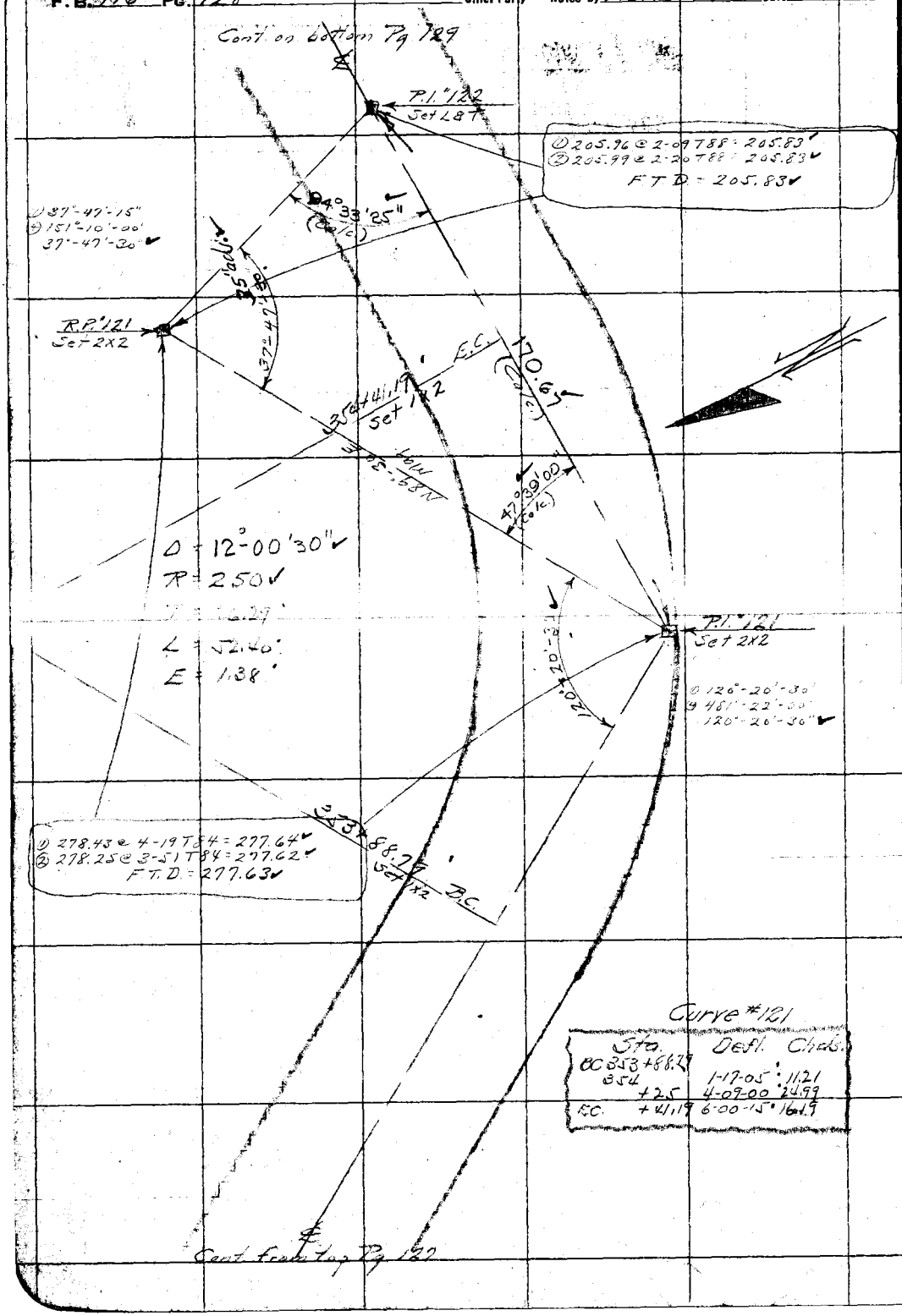
Sta.	Defl.	Chds
B.C. 352+19.95		
+25	0-57-52'	5.05
+50	5-44-21'	24.97
+75	10-30-50'	"
353	15-17-20'	"
+25	20-03-50'	"
E.C. +35.61'	22-05-25'	10.61

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. #16 Pg. 128 Chief Party Notes by Hellstrom Date 6-9-30



Curve #121

Sta.	Defl.	Chds.
BC 353+88.79		
354	1-17-05	11.21
+25	4-09-00	24.99
E.C. +41.19	6-00-15	16.19

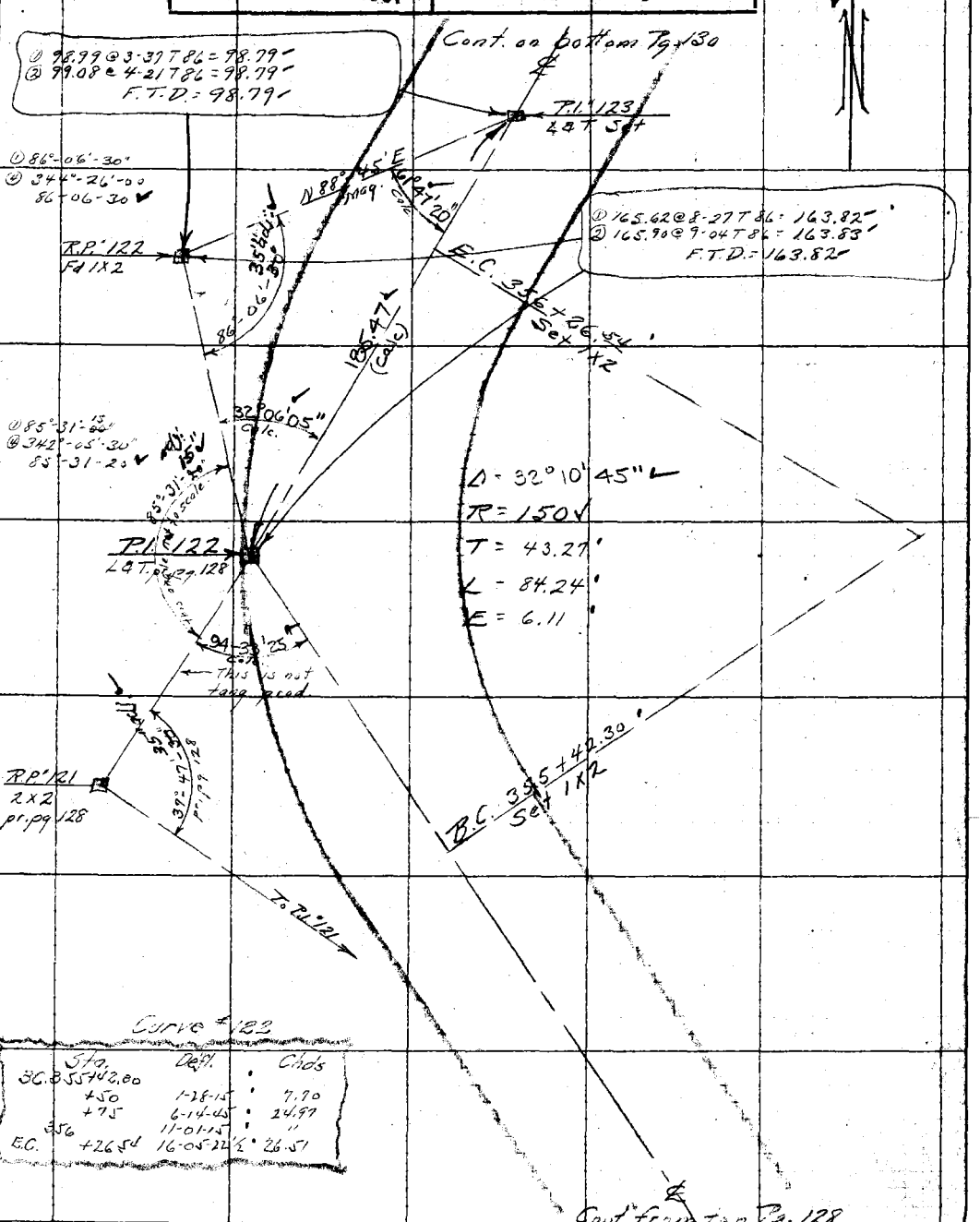
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 6-9-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 129

Plotted by H. U. M. H.	W. O. No. 948 ~~B. G. O. No.~~ tape 19
Date NOV 21 1931	Location Cp. Bon. Pr. Fk Rd.
Map No. B. 471-2.	Surveyed by Hellstrom
Plotting C'k'd by K. R. McD.	Date 6-9-30
Date NOV 22 1931	Indexed C. Dwight Scott



Curve #122

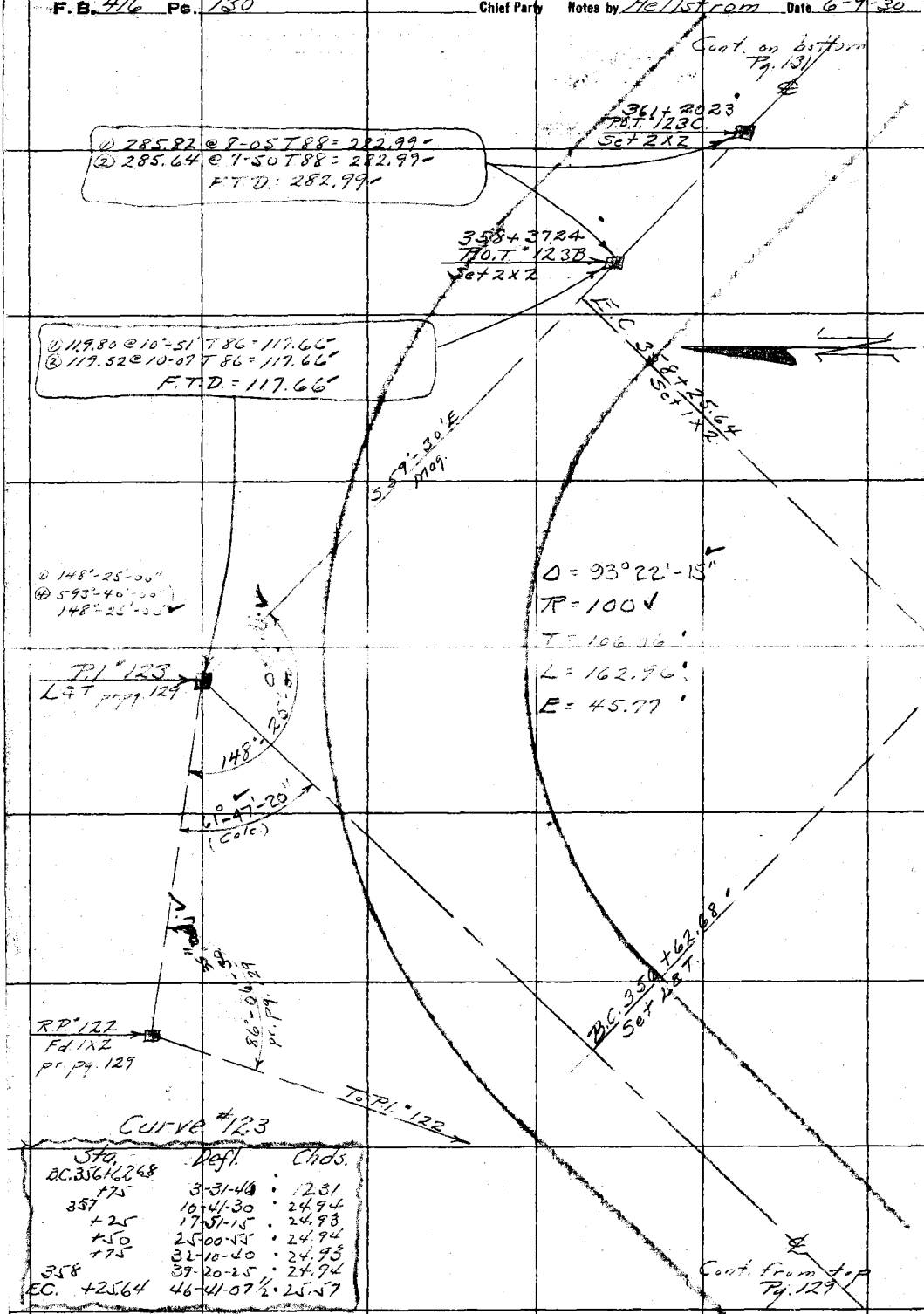
Sta.	Defl.	Chds
B.C. 355 + 42.30		
+50	1-28-15	7.70
+75	6-14-45	24.97
356	11-01-15	"
E.C. +26.54	16-05-22½	26.51

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 130 Chief Party Notes by Hellstrom Date 6-9-30



Curve #123

Sta.	Defl.	Chds.
B.C. 356+62.68		
+75	3-31-40	12.31
357	10-41-30	24.94
+25	17-51-15	24.93
+50	25-00-55	24.94
+75	32-10-40	24.93
358	39-20-25	24.94
E.C. +25.64	46-41-07½	25.57

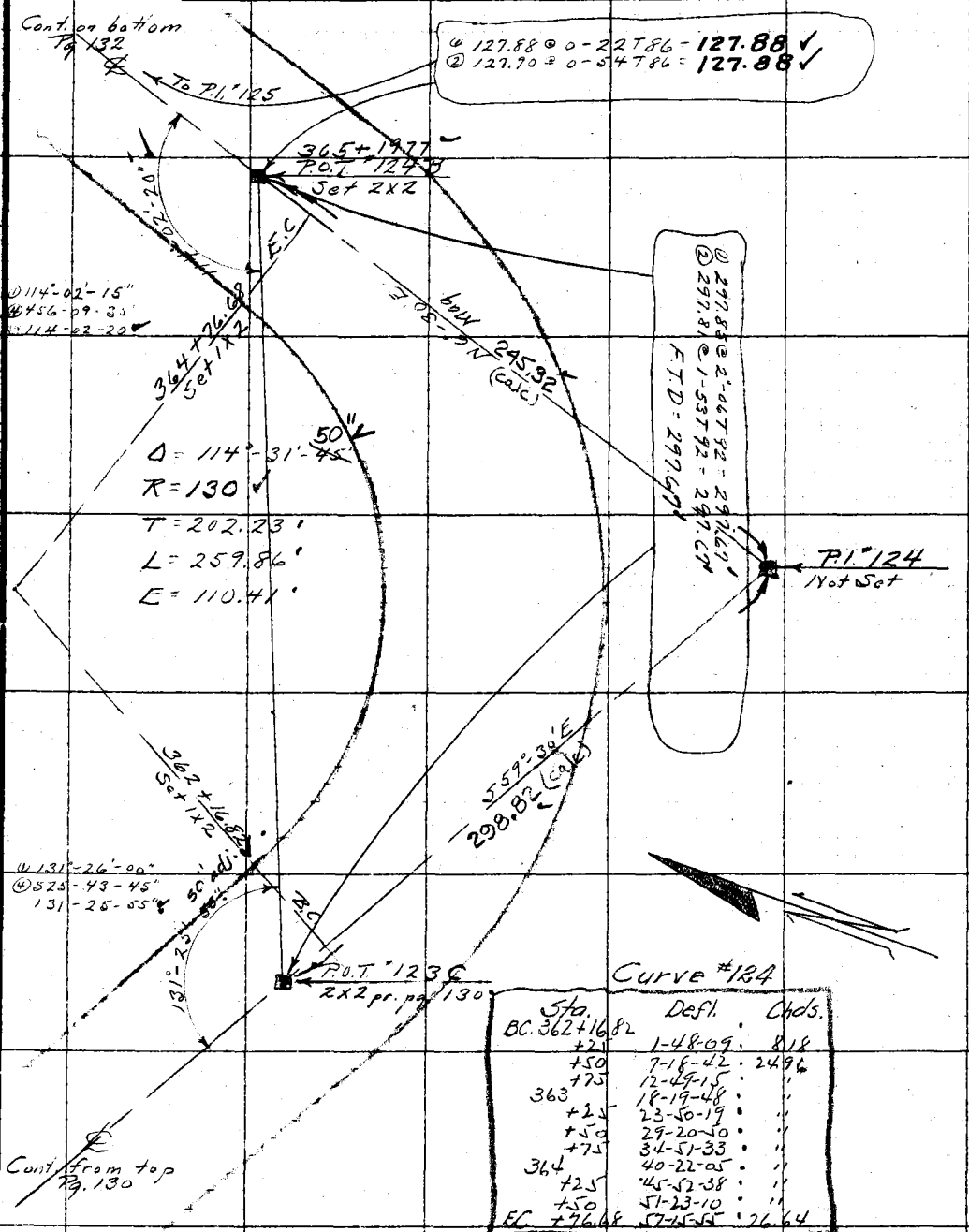
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 6-9-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 131

Plotted by H. U. M. H.	W. O. No. 948 Tape No. 19
Date NOV 21 1931	Location Cp. Bon Pr. Fk. Rd
Map No. B-471-2.	Surveyed by Hellstrom
Plotting C'k'd by H. R. Mee	Date 6-9-30
Date NOV 22 1931	Indexed G. Dwight Scott



Curve #124

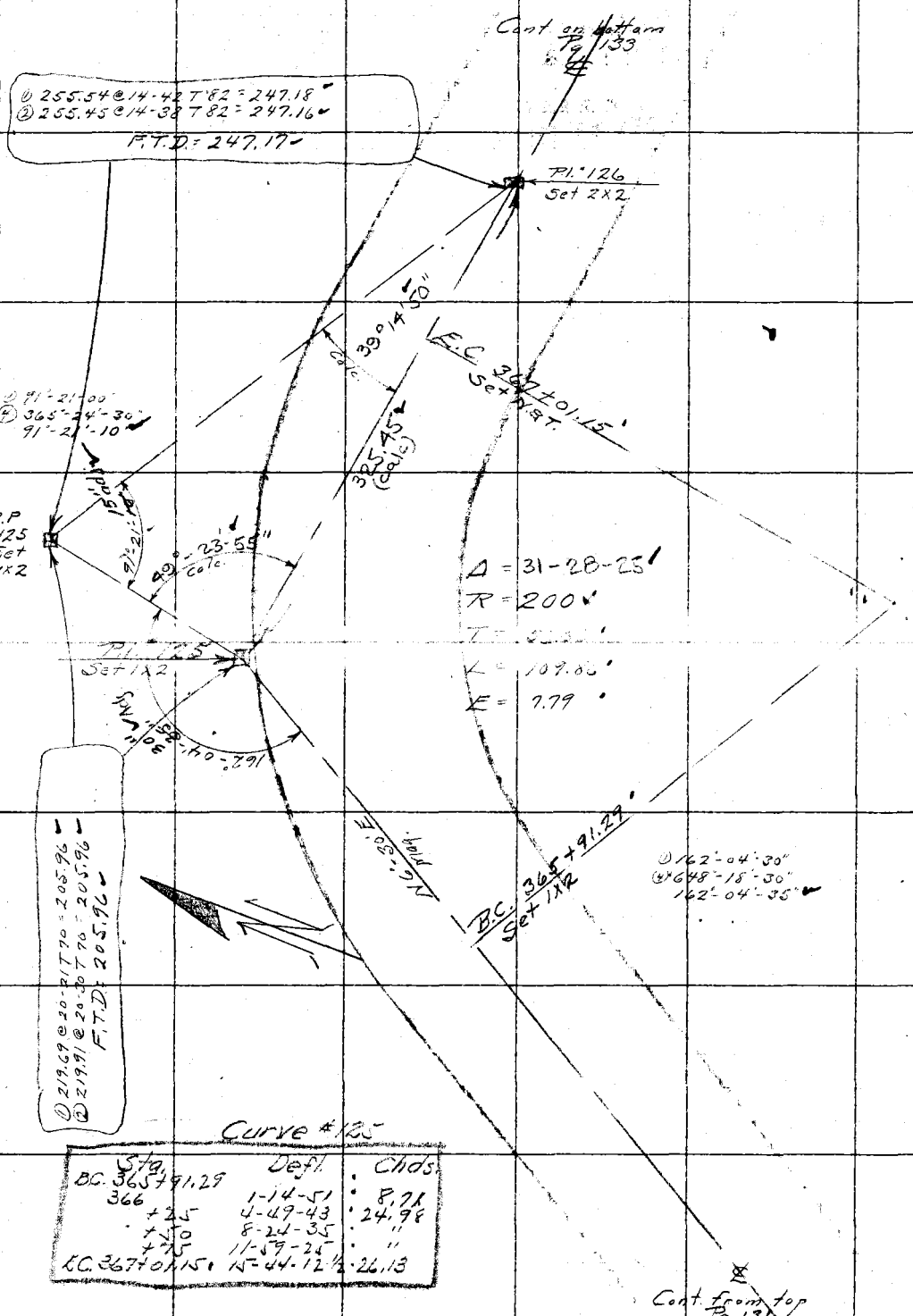
Sta.	Defl.	Chds.
BC. 362+16.82		
+25	1-48-09	8.18
+50	7-18-42	24.96
+75	12-49-15	"
363	18-19-48	"
+25	23-50-19	"
+50	29-20-50	"
+75	34-51-33	"
364	40-22-05	"
+25	45-52-38	"
+50	51-23-10	"
EC +76.68	57-15-55	26.64

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F. B. 416 Pg. 132 Chief Party Notes by Hellstrom Date 6-9-30



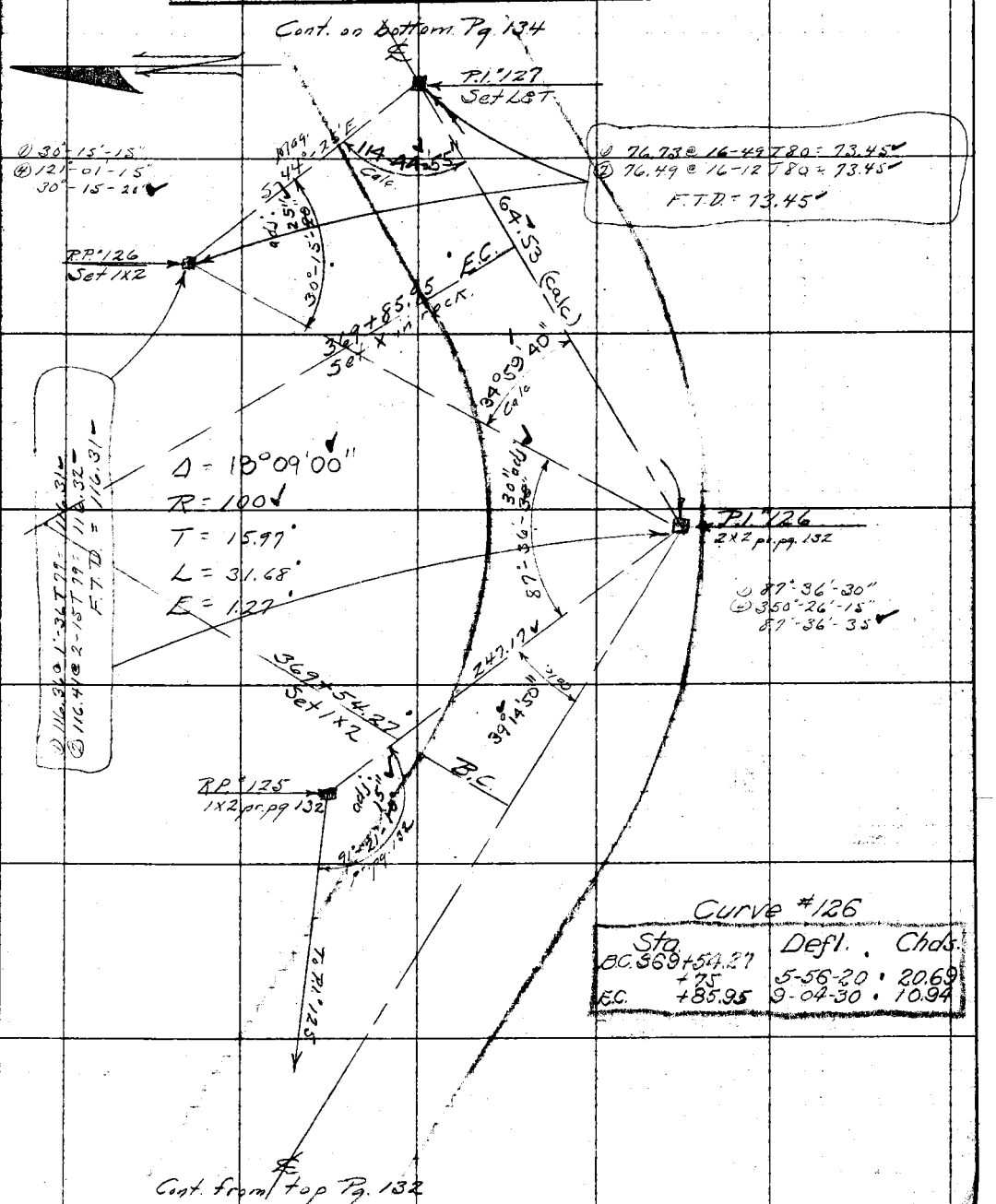
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 6-9-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 133

Platted by H.W.H.	W.O. No. 948 ~~D.O.O.~~ Topo No. 19
Date NOV 21 1931	Location Cp Bon Pr Fk Rd
Map No. B.1171-2	Surveyed by Hellstrom
Platting C'k'd by K.R. McP.	Date 6-10-30
Date NOV 22 1931	Indexed G. Dwight Scott



Curve #126

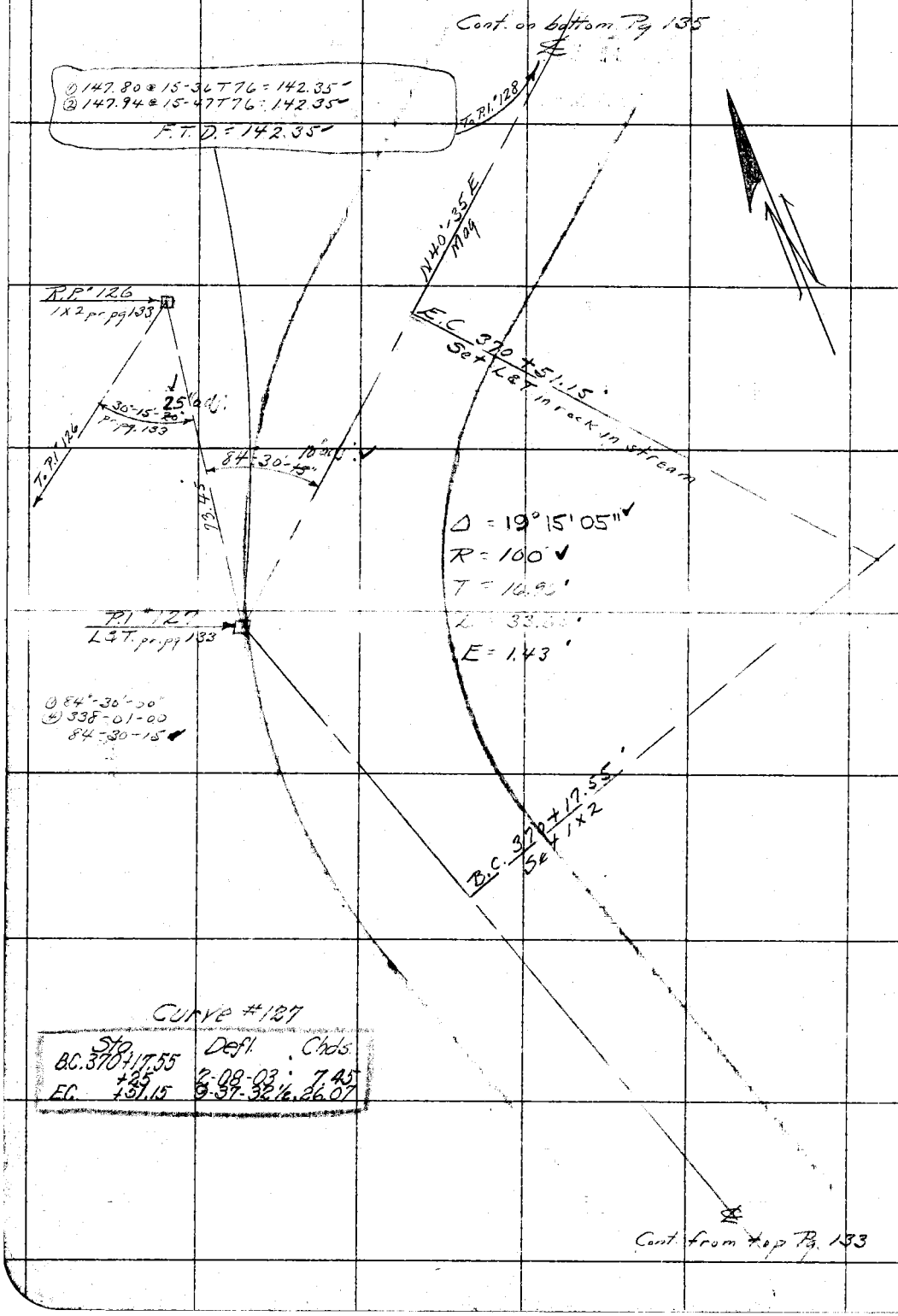
Sta.	Defl.	Chds.
B.C. 369+54.27		
+75	5-56-20	20.69
E.C. +85.95	9-04-30	10.94

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F. B. 416 Pg. 134 Chief Party Notes by Hellstrom Date 6-10-30



RETURN TO
LOS ANGELES COUNTY SURVEYOR

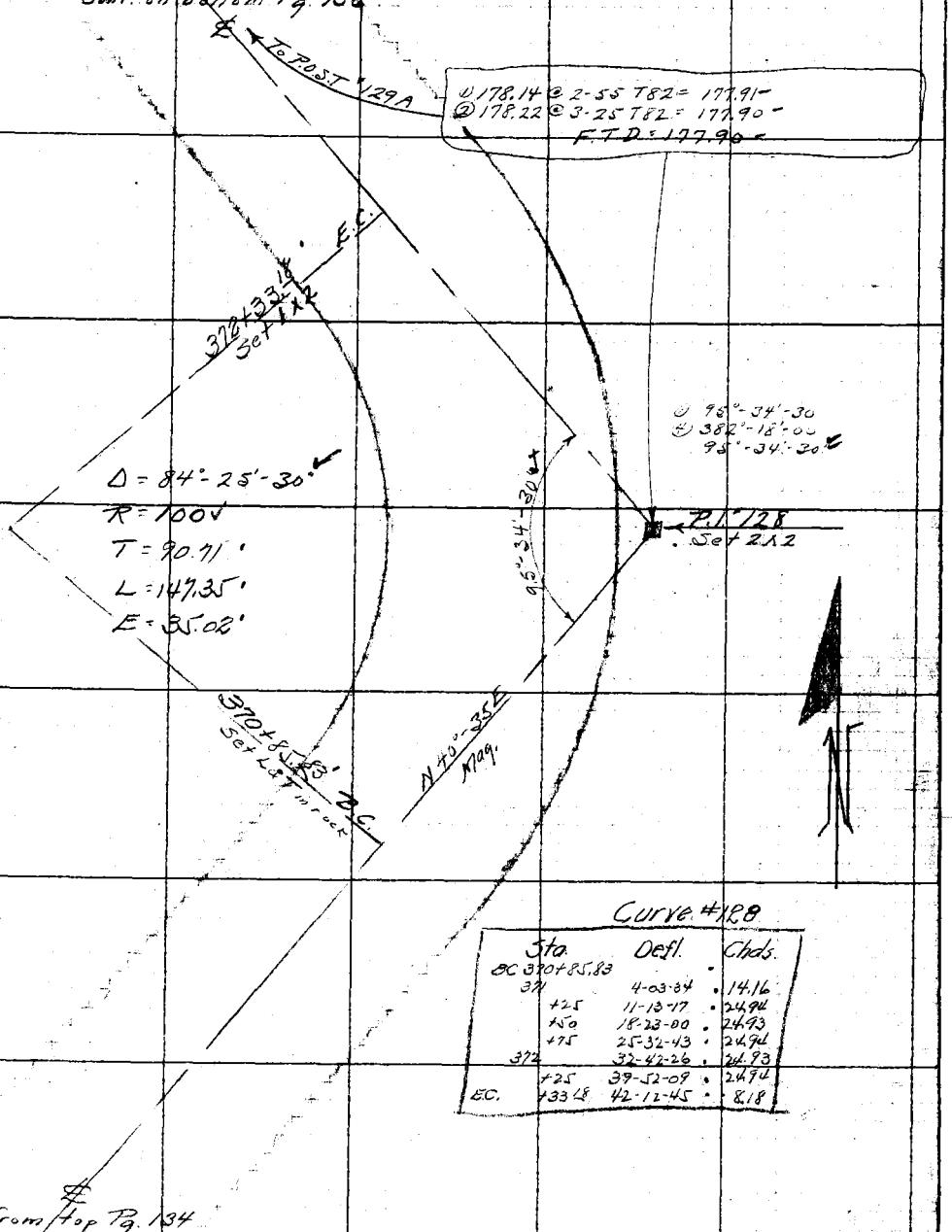
Do not extend notes this side of this line

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

Date 6-10-30 Notes by Hellstrom Chief Party F.B. 416 Pg 135

Planted by H.U.M.H.	W.O. No. 948 ~~S.S.O. No.~~ Topo 19
Date NOV 21 1931	Location Cp Bon Pr Fk Rd
Map No. 13.471-2	Surveyed by Hellstrom
Plotting C'k'd by K.R. McP.	Date 6-10-30
Date NOV 22 1931	Indexed G. Dwight Scott

Cont. on bottom Pg. 136



Curve #128

Sta.		Defl.	Chds.
BC 370+85.83			
371		4-03-34	14.16
	+25	11-13-17	24.94
	+50	18-23-00	24.93
	+75	25-32-43	24.94
372		32-42-26	24.93
	+25	39-52-09	24.94
E.C.	+33.18	42-12-45	8.18

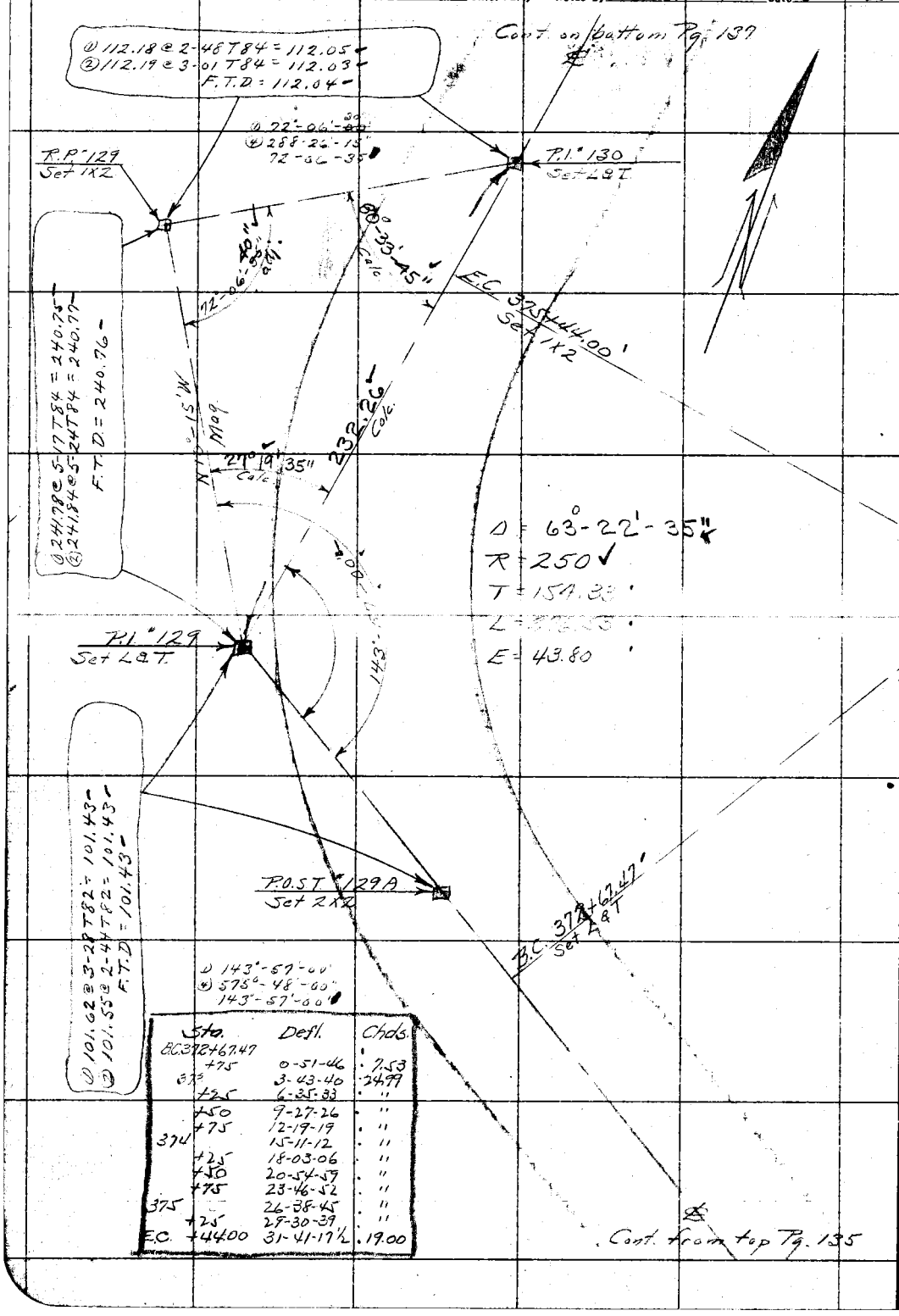
Cont. from top Pg. 134

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

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

F.B. 416 Pg. 136 Chief Party Notes by Hellstrom Date 6-10-30



Sta.	Defl.	Chds.
B.C. 372+67.47		
+75	0-51-46	7.53
373	3-43-40	24.99
+25	6-35-33	"
+50	9-27-26	"
+75	12-19-19	"
374	15-11-12	"
+25	18-03-06	"
+50	20-54-59	"
+75	23-46-52	"
375	26-38-45	"
+25	29-30-39	"
E.C. +44.00	31-41-17½	19.00

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 10-10-30 Notes by Hellstrom Chief Party F.B. 416 PG 137

Plotted by H.U.M.H.
Date NOV 21 1931
Map No. B.471-2
Plotting OKD by K.R. McP.
Date NOV 22 1931

W. O. No. 948 Topo B.O.W. No. 19
Location Co. Bd. Pr. Ex. Rd.
Surveyed by Hellstrom
Date 10-10-30
Indexed G. Dwight Scott

Hellstrom
Tomblesson
McCarver
Mannon
C. Stewart

Cont. on bottom Pg. 138

P.I. 132
Set Spk. N.&T. in root of tree

① 60°-55'-15"
② 243°-41'-15"
60°-55'-20"

① 97°-10'-45"
② 388°-43'-15"
97°-10'-50"

① 158.02 @ 7-18 T84 = 156.74
② 158.18 @ 7-43 T84 = 156.75
F.T.D. = 156.74

N 75°-30' E
Map

60°-55'-30"

P.I. 131
Set 2 (1x2) nailed

E.C. 374+53.72
Set 1x2

① 124.34 @ 0-0 T80 = 124.34
② 124.35 @ 0-20 T80 = 124.35
F.T.D. = 124.34

R.P. 130
Set 1x2

97°-10'-45"

36°-15'-30"

Δ 107°-45'
Calc.

82.82 (calc)

62°-26'-45"
Calc.

P.I. 130
Set T pr. pg. 136

73°-59'-30"

80°-33'-45"
Calc.

Δ = 37°10'00"
R = 100
T = 33.62
L = 64.87
E = 5.50

B.C. 375+88.31
Set 1x2

① 137.49 @ 7-20 T80 = 138.35
② 137.38 @ 6-54 T80 = 138.37
F.T.D. = 138.36

R.P. 129
1x2 pr. pg. 136

① 73°-59'-30"
② 295-58-15"
73-59-35"

① 36°-15'-30"
② 145°-02'-00"
36-15-30"

Curve #130

Sta.	Defl.	Chds.
B.C. 375+88.31		
376	3-20-56	11.68
+25	10-30-40	24.94
E.C. +53.18	18-35-00	28.09

Cont. from top Pg. 136

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

Do not extend notes this side of this line

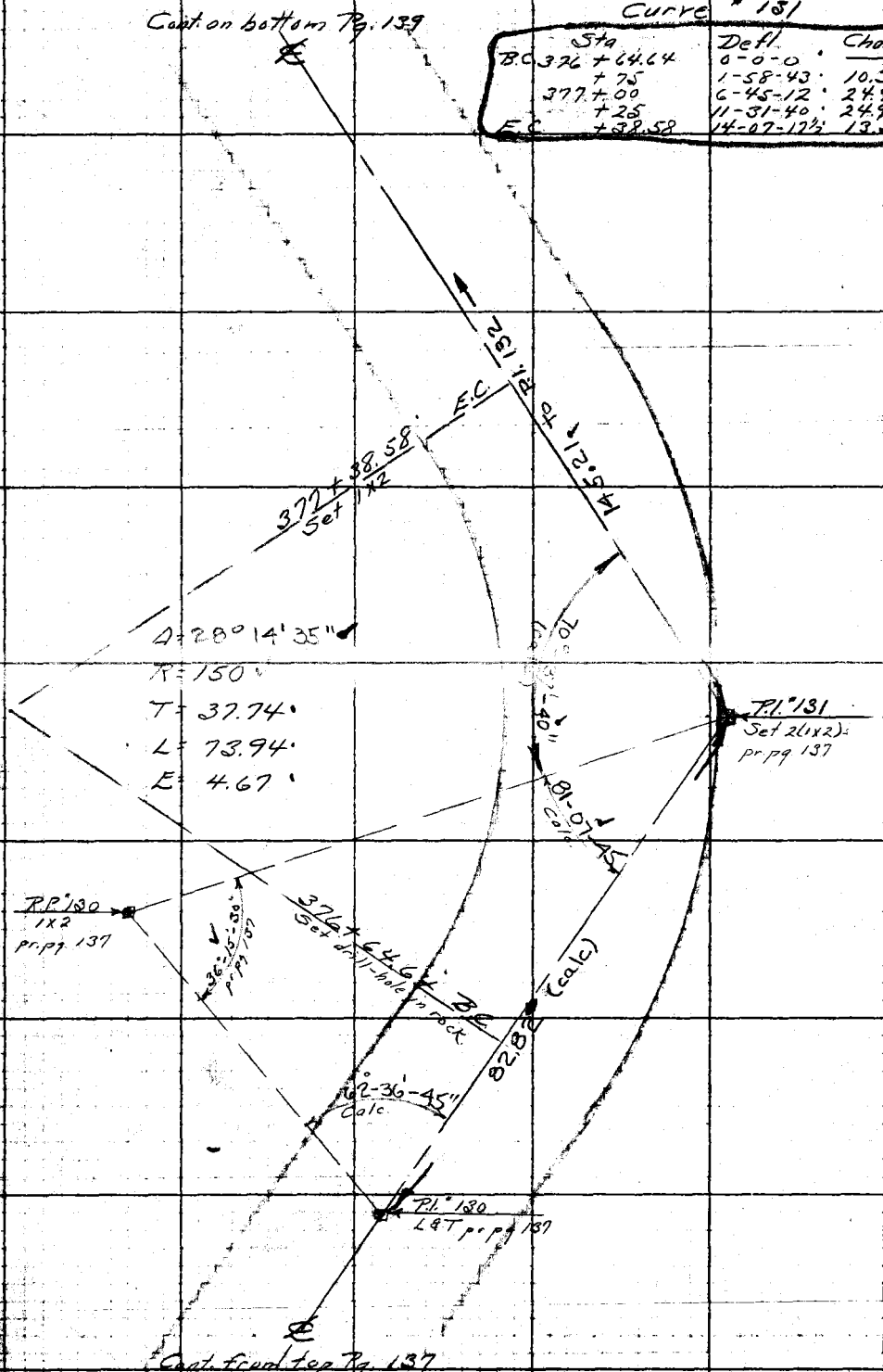
RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 138 Chief Party Notes by Hellstrom Date 6-10-30

Cont. on bottom Pg. 139

Curve # 131

Sta	Defl.	Chd
B.C. 376 + 64.64	0-0-0	
+ 75	1-58-43	10.36
377 + 00	6-45-12	24.97
+ 25	11-31-40	24.97
E.C. + 38.58	14-07-17½	13.58



Cont. from top Pg. 137

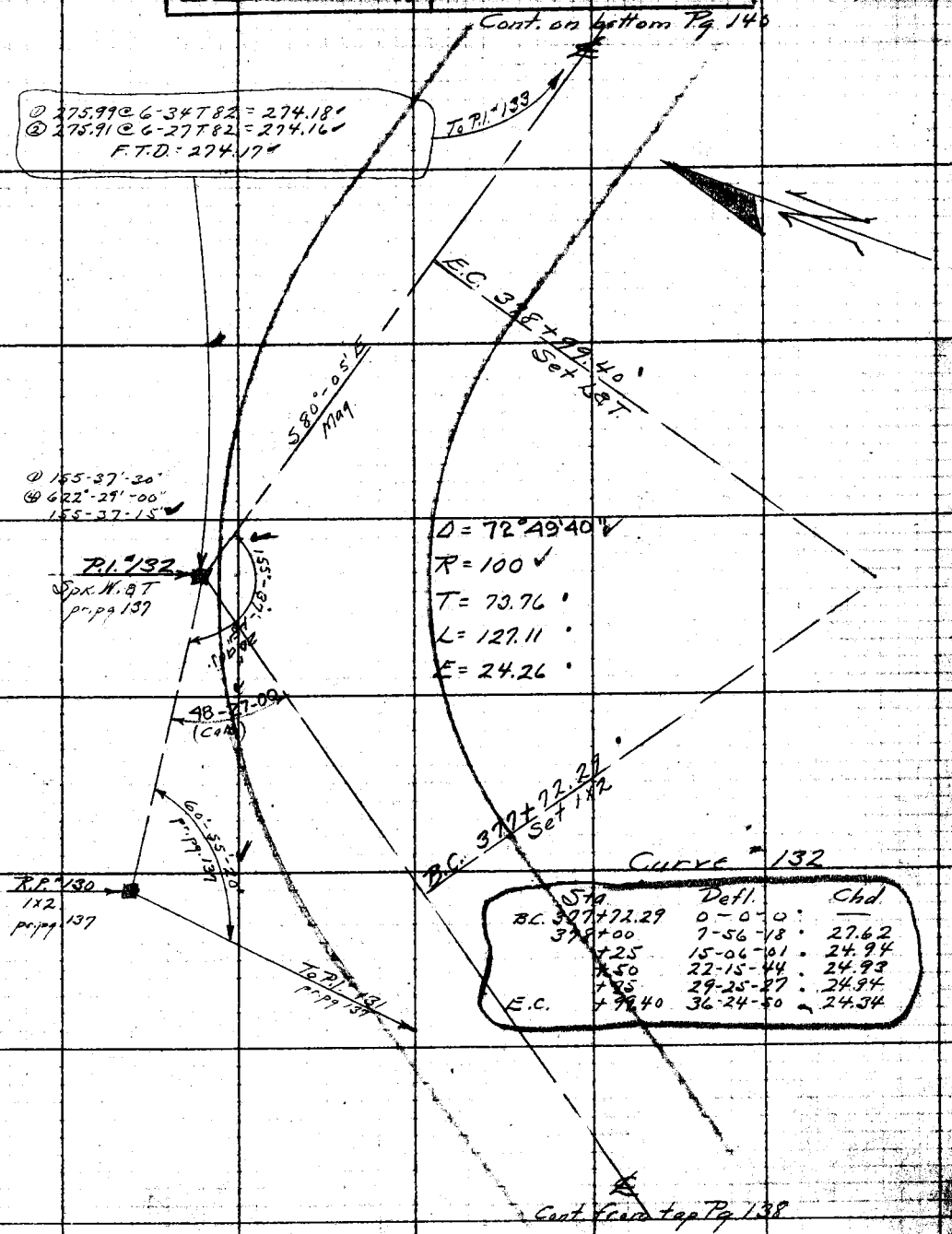
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 6-10-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 139

Plotted by H.U.M.W.	W. O. No. 948 tape #19
Date NOV 21 1931	Location Cp. Bon Pr. Fk Rd
Map No. B.471-2	Surveyed by Hellstrom
Plotting Ck'd by K.P.M.D.	Date 6-10-30
Date NOV 22 1931	Indexed G. Dwight Scott



Curve #132

	Sta.	Defl.	Chd.
B.C.	377+72.29	0-0-0	—
	378+00	7-56-18	27.62
	+25	15-06-01	24.94
	+50	22-15-44	24.93
	+75	29-25-27	24.94
E.C.	+99.40	36-24-50	24.34

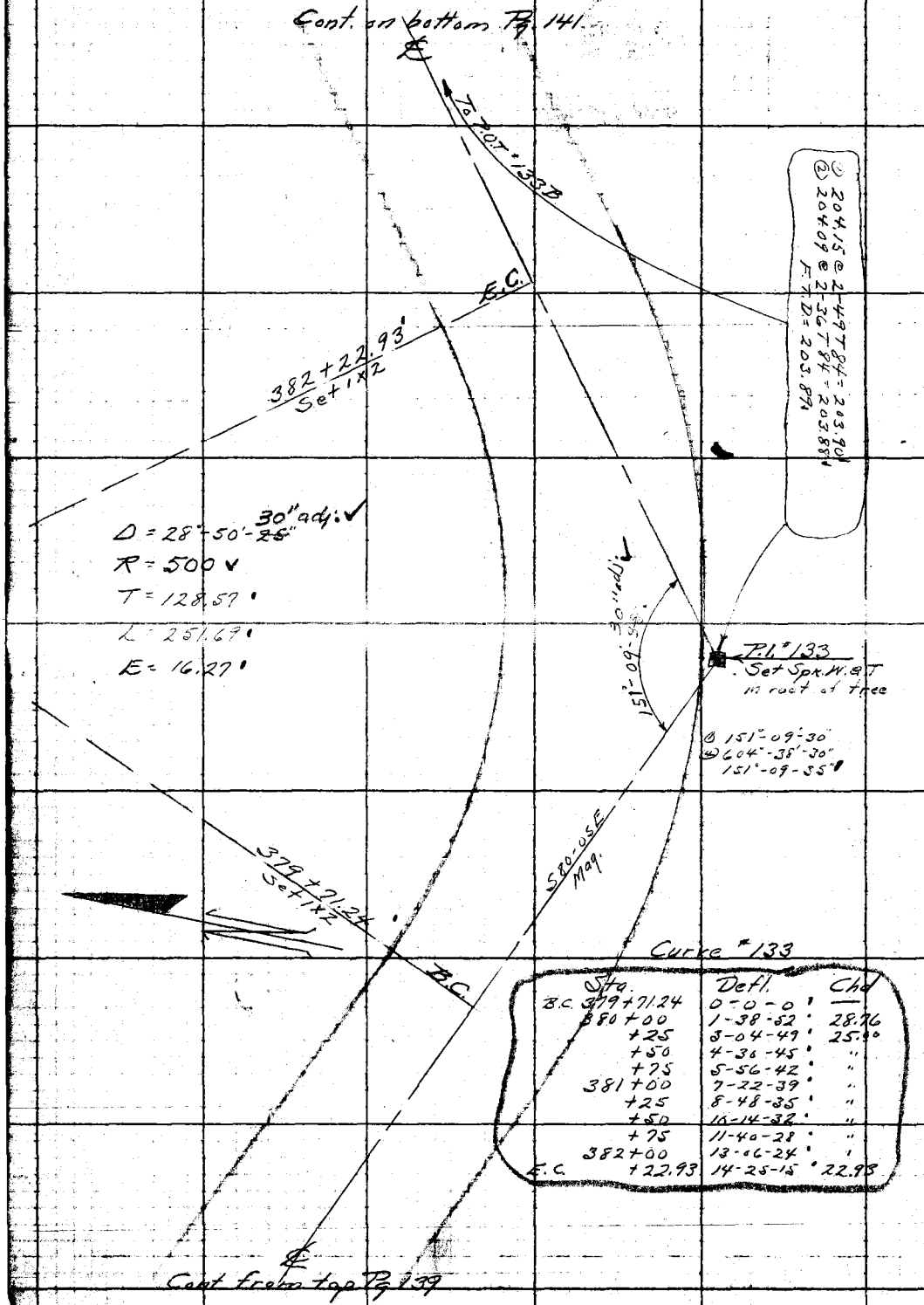
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 140 Chief Party Notes by Hellstrom Date 6-11-30

Cont. on bottom Pg. 141.



Cont from top Pg 139

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 6-11-30 Notes by Hellstrom Chief Party A.N.H. F.B. 416 Pg 141

Plotted by H.U.M.H.	W. O. No. 948 Tape No. 19
Date NOV 21 1931	Location Cp. Bon. Pr. Fk. Rd
Map No. B.471-2	Surveyed by Hellstrom
Plotting Ck'd by K.R. Moore	Date 6-11-30
Date NOV 22 1931	Indexed G. Dwight Scott

Cont. on bottom Pg 142

℄

To P.O.T. 134B

① 95.72 @ 2-56 T86 = 95.64
② 95.69 @ 2-02 T86 = 95.63
F.T.D = 95.63

385 + 38.10' E.C.
Set 1x2

N 6-10 E
Mag

20' adj. ✓

D = 64°-19'-15"
R = 125 ✓
T = 78.60
L = 140.33
E = 22.66

adj. 40" ✓
115°-40'-45"

P.I. 134
Spk & Tin

① 115°-40'-45"
④ 462-43-00"
115-40-45

383 + 97.77' B.C.
Set L&T

① 182.26 @ 12°-14 T88 = 178.12
② 182.44 @ 12-29 T88 = 178.13
F.T.D. = 178.12

382 + 98.25
P.O.T. 133B
Set L&T

Curve 134

	Sta	Defl.	Chd
B.C.	383 + 97.77	0-0-0	
	384 + 25	6-14-26	27.18
	+50	11-58-13	24.96
	+75	17-41-59	"
	385 + 00	23-25-45	"
	+25	29-09-32	"
E.C.	+38.10	32-09-40	13.09

℄

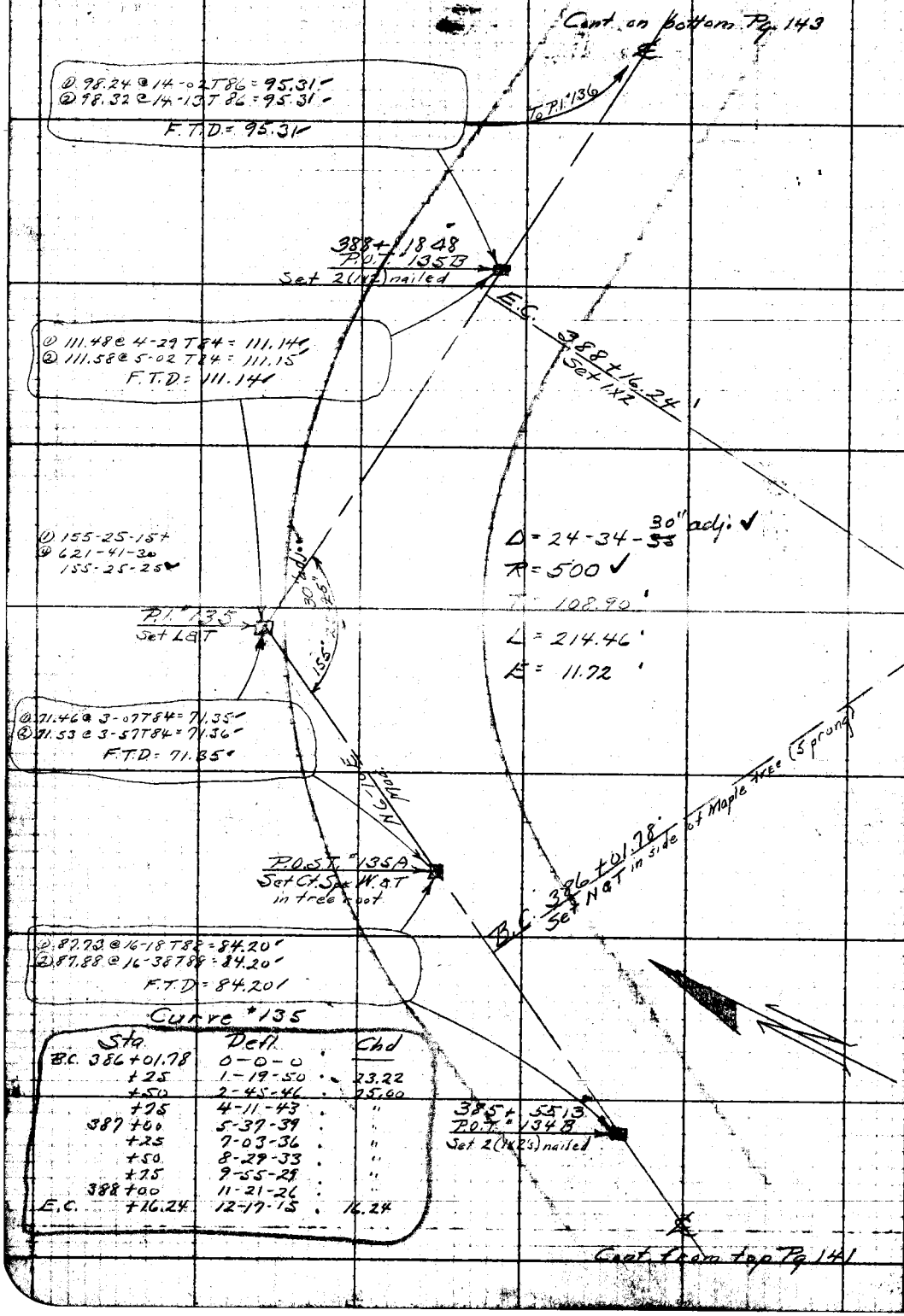
Cont. from top Pg 140

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

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

F.B. 416 Pg. 142 Chief Party Notes by Hellstrom Date 6-11-30



Curve #135

Sta.	Defl.	Chd
B.C. 386+01.78	0-0-0	
+25	1-19-50	23.22
+50	2-45-46	25.00
+75	4-11-43	"
387+00	5-37-39	"
+25	7-03-36	"
+50	8-29-33	"
+75	9-55-29	"
388+00	11-21-26	"
E.C. +16.24	12-17-15	16.24

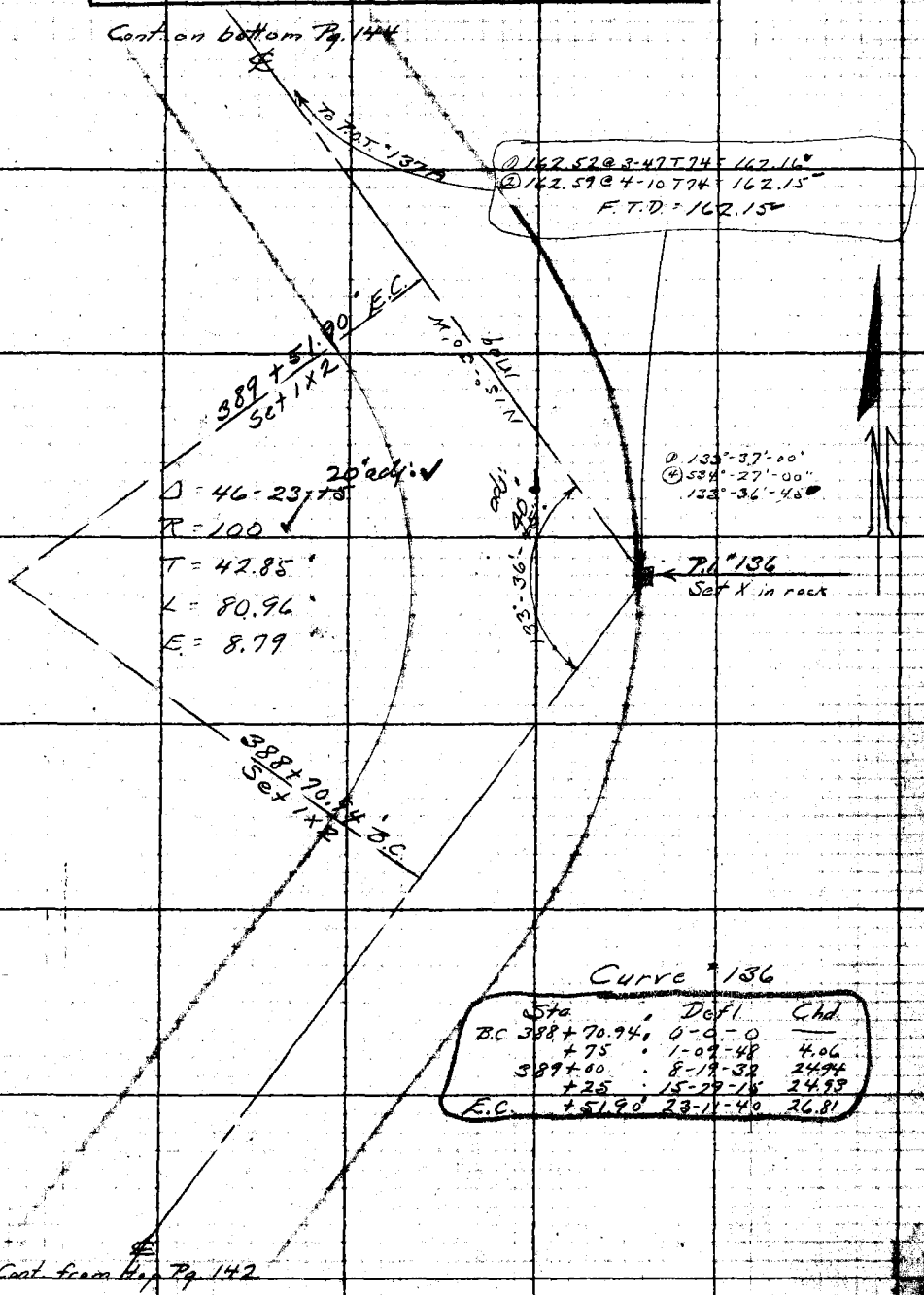
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 6-11-30 Notes by Hellstrom Chief Party F.B. 416 Pg. 143

Plotted by H.U.M.H.	W. O. No. 948 Tape No. 19
Date NOV 21 1931	Location Cp Ban Pr Fr Rd
Map No. B-471-2.	Surveyed by Hellstrom
Plotting Ch'd by K.R. McP.	Date 6-11-30
Date NOV 22 1931	Indexed G. Wright Scott



Curve #136

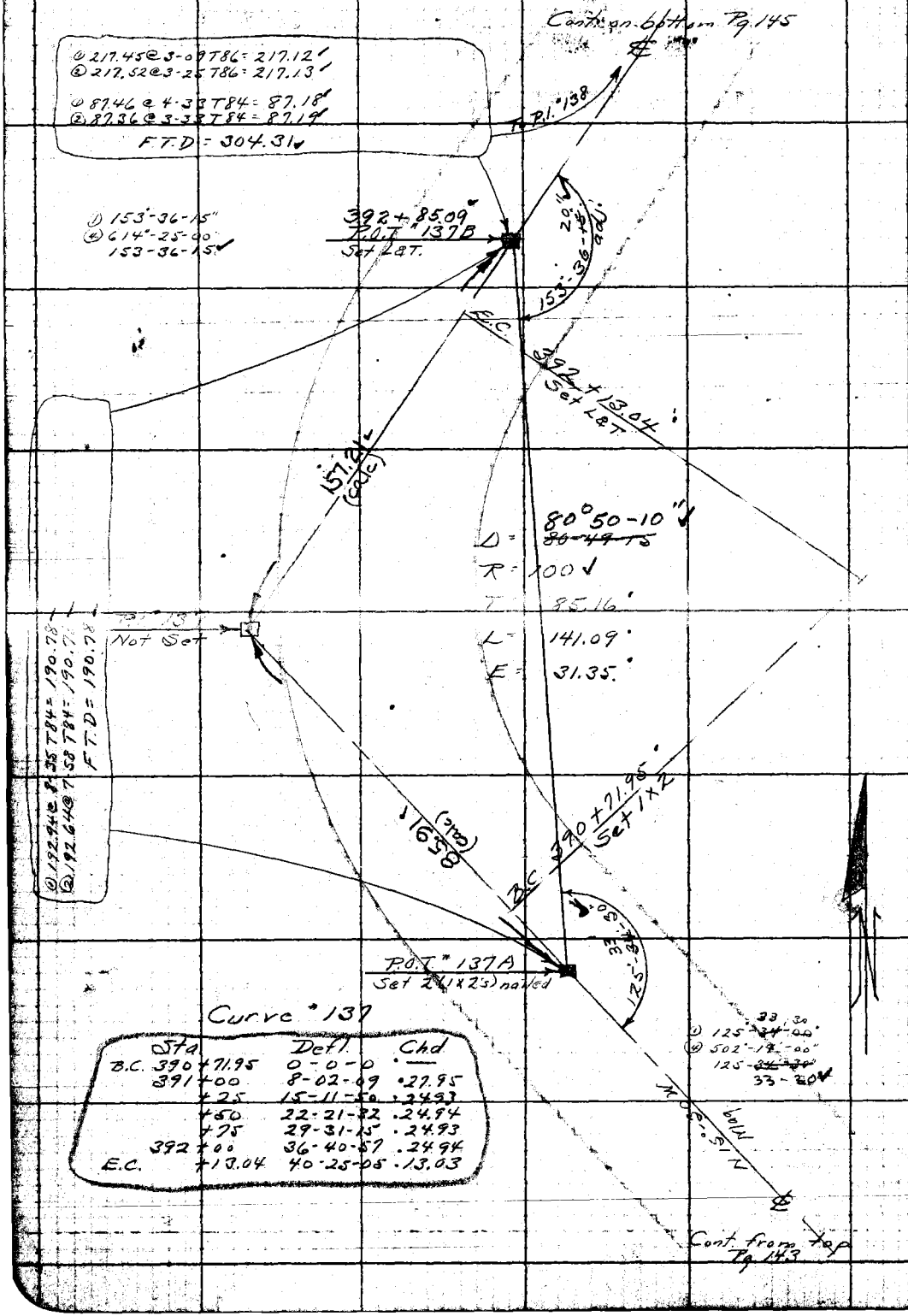
Sta.	Defl.	Chd.
B.C. 388 + 70.94	0-0-0	—
+ 75	1-09-48	4.06
389 + 00	8-19-32	24.94
+ 25	15-29-15	24.93
E.C. + 51.90	23-11-40	26.81

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B 416 Pg 744 Chief Party Notes by Hellstrom Date 6-17-30



Curve #137

Sta	Defl.	Chd
B.C. 390 + 71.95	0-0-0	—
391 + 00	8-02-09	.27.95
+ 25	15-11-50	.24.93
+ 50	22-21-32	.24.94
+ 75	29-31-15	.24.93
392 + 00	36-40-57	.24.94
E.C. + 13.04	40-25-05	.13.03

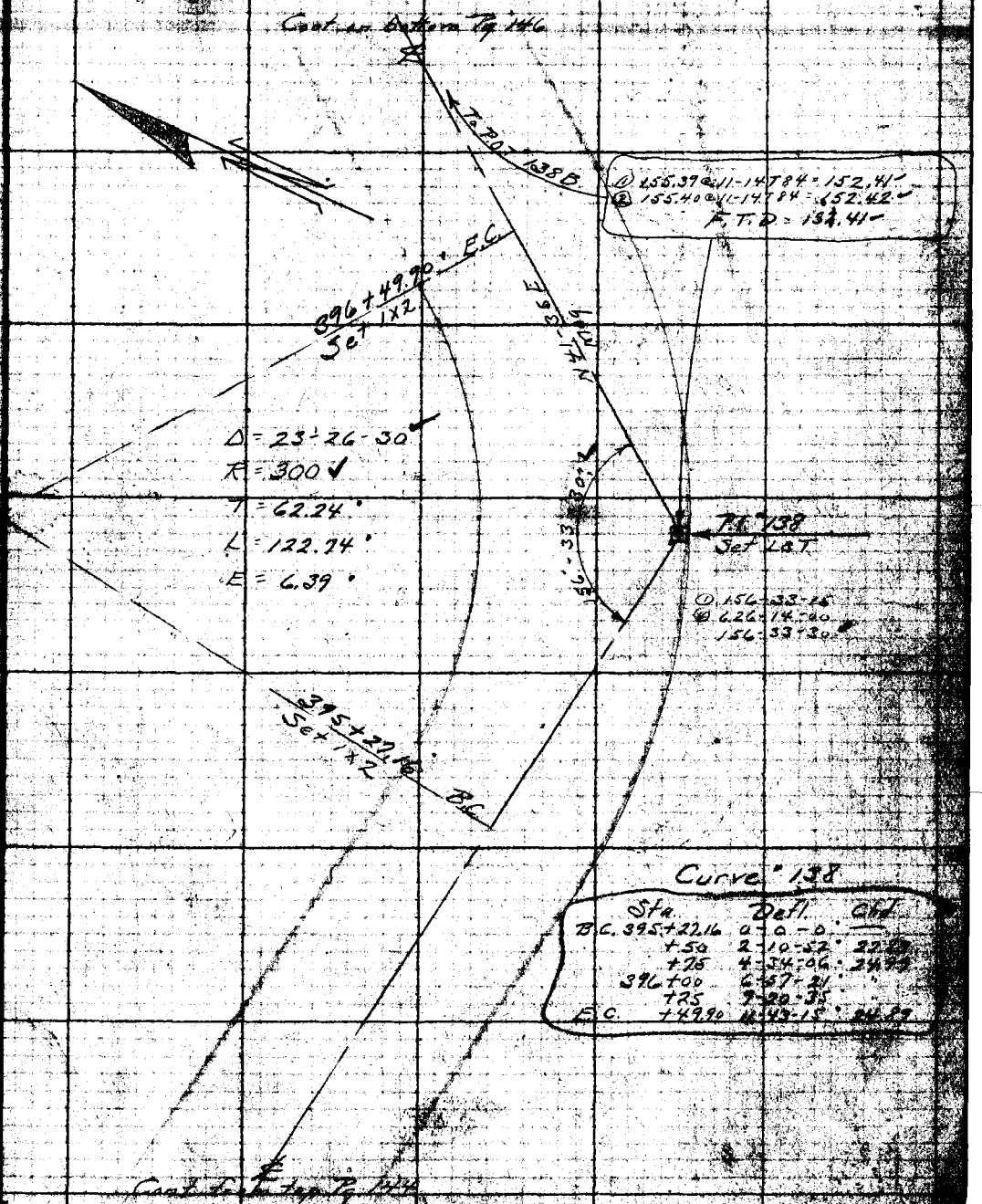
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 6-17-30 Notes by Hellstrom Field Data F.B. 416 Pg. 145

Plotted by H. U. M. M.	U. S. Dept. 948
Date NOV 21 1931	Location Cp Bea Pr Fr Rd.
Map No. B. 471-2	Surveyed by Hellstrom
Plotting Checked by R. M. Lopez	Date 6-17-30
Date NOV 22 1931	Indexed G. Dwight Scott



F.B. 416 Pg. 146 Chief Party Notes by Hellstrom Date 6-17-30

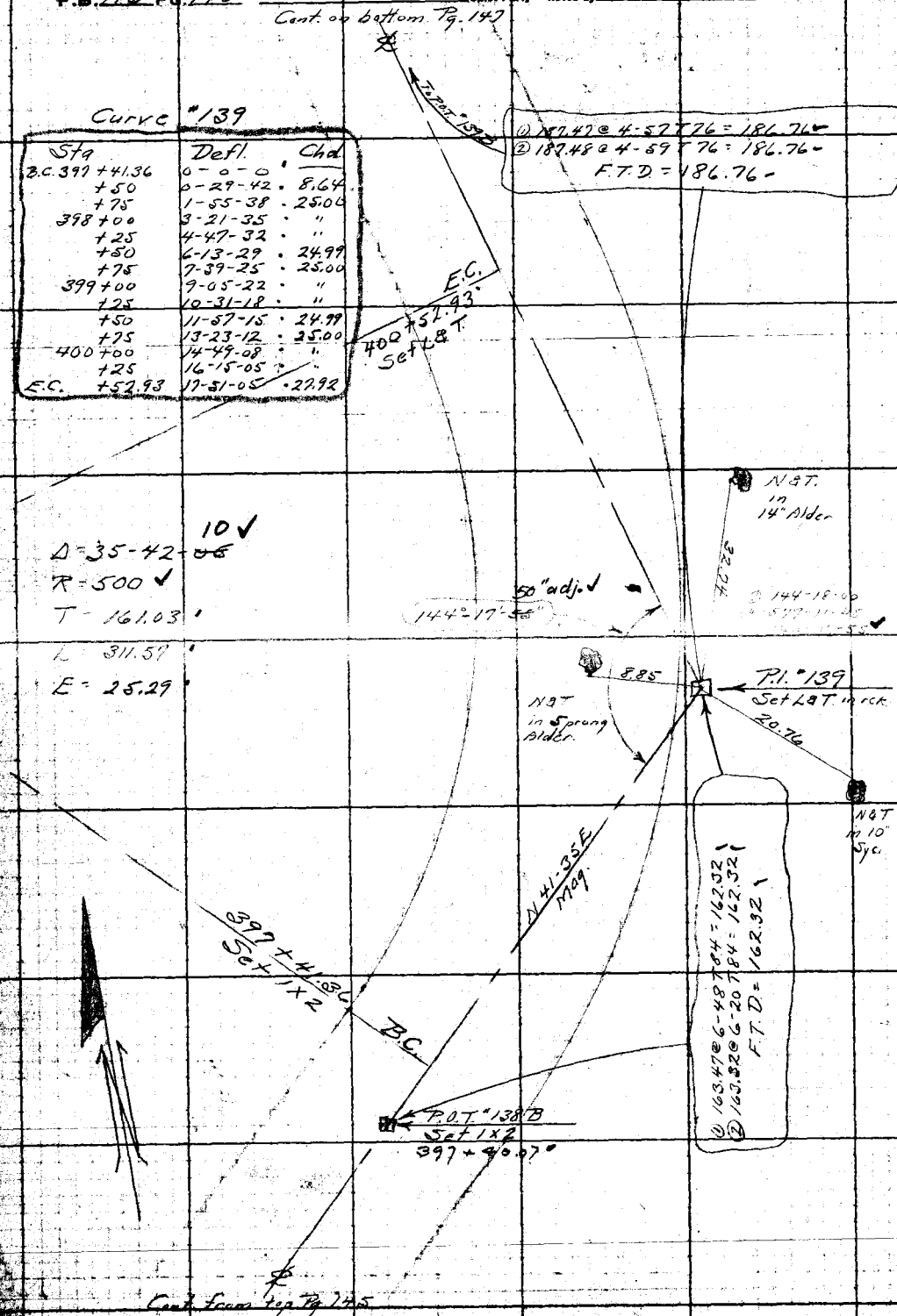
Cont. on bottom Pg. 147

Curve #139

Sta	Defl.	Chd
B.C. 397 +41.36	0-0-0	
+50	0-29-42	8.64
+75	1-55-38	25.00
398 +00	3-21-35	"
+25	4-47-32	"
+50	6-13-29	24.99
+75	7-39-25	25.00
399 +00	9-05-22	"
+25	10-31-18	"
+50	11-57-15	24.99
+75	13-23-12	25.00
400 +00	14-49-08	"
+25	16-15-05	"
E.C. +52.93	17-51-05	27.92

① 187.47 @ 4-57 T 76 = 186.76
② 187.48 @ 4-59 T 76 = 186.76
F.T.D. = 186.76

Δ = 35-42-~~06~~ 10 ✓
R = 500 ✓
T = 161.03
L = 311.57
E = 25.29

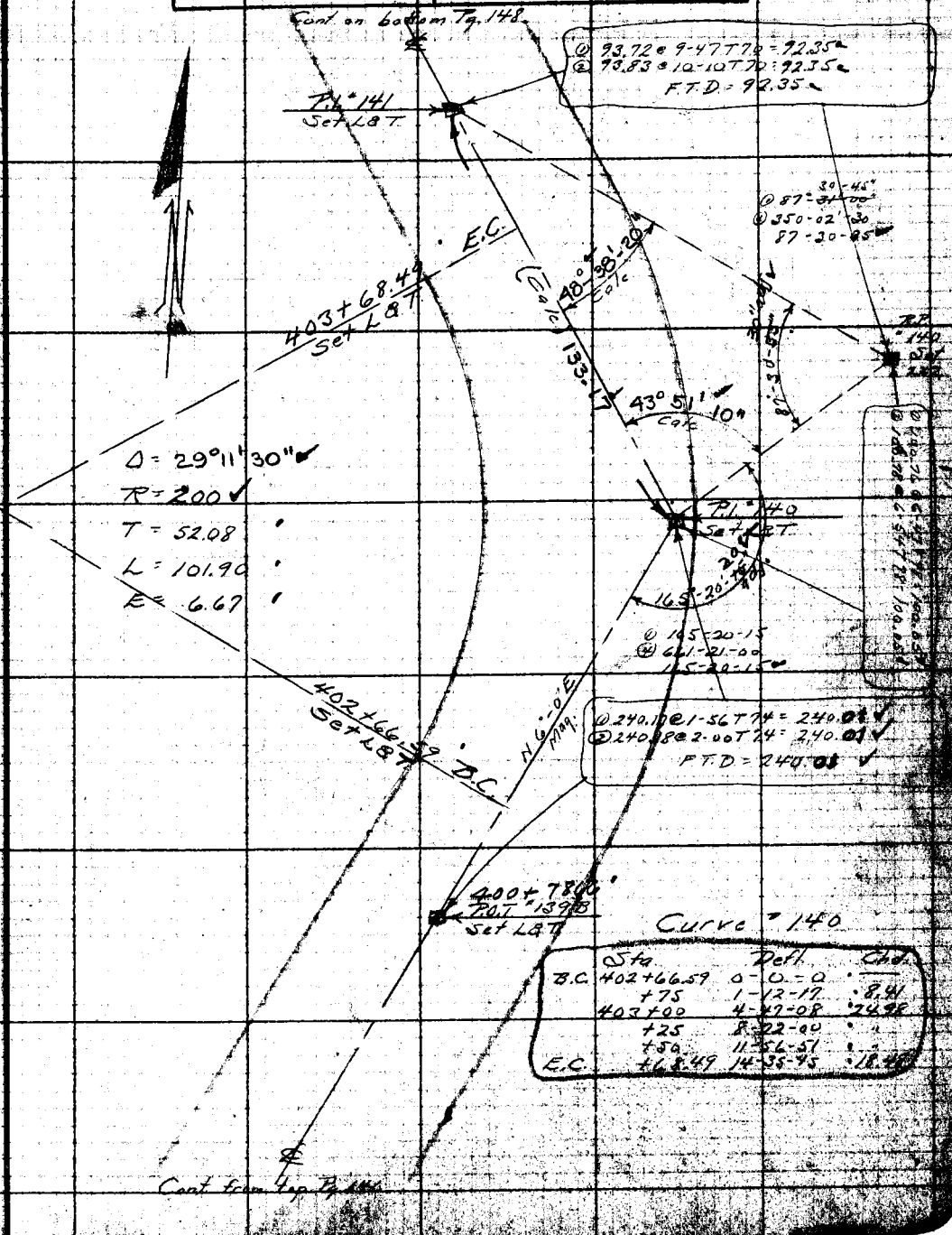


Cont. from top Pg. 145

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE ON ENCLOSED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 6-17-30 Noted by Hellstrom Chief Party F.B. 416 PG. 147

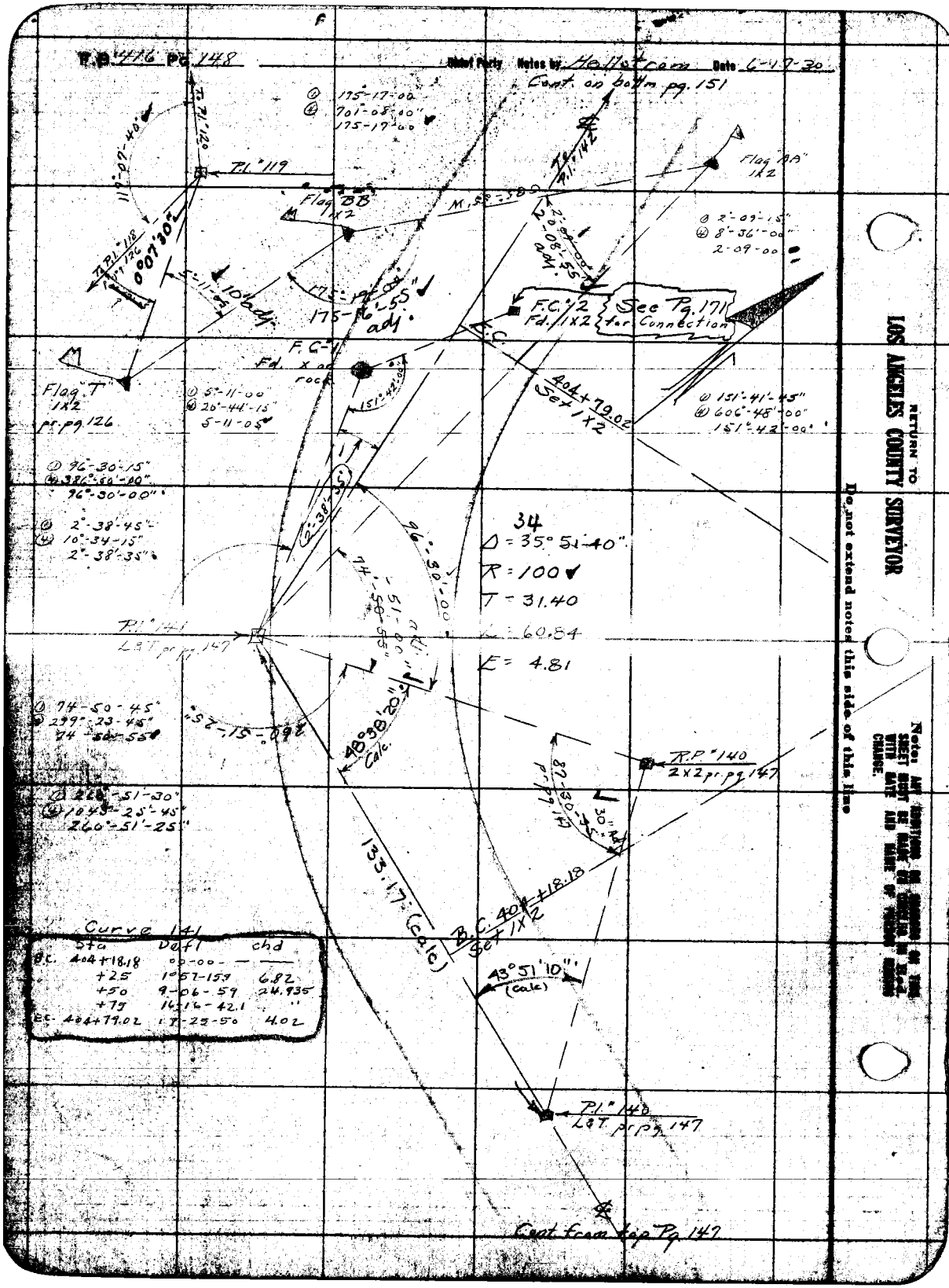
Plotted by H.U.M.H.	W. O. No. 948 Tape No. 19
Date NOV 21 1931	Location Cp Bon Pr Fr Rd
Map No. B.471-2	Surveyed by Hellstrom
Plotting Ck'd by K.R. McD.	Date 6-17-30
Date NOV 22 1931	Indexed G. Dwight Scott



Do not extend notes this side of this line

Notes: Any additions or changes on this sheet must be made or circled in Red with date and name of person making change.

RETURN TO LOS ANGELES COUNTY SURVEYOR



Curve 141

	Sta	Defl	chd
B.C.	404+18.18	00-00-	—
	+25	1°57-159	6.82
	+50	9-06-59	24.935
	+75	16-16-42.1	"
E.C.	404+79.02	17-25-50	4.02

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 6-28-31 Notes by Hellstrom Skinned Parts F.B. 416 PG. 149

Plotted Date NOV 21 1931
Map No. B.471-2.
Drawing Checked by
Date NOV 22 1931

T. G. No. 948
Location Ca. Bou. Pr. Ex. Rd
Surveyed by Hellstrom
Date
Indexed

① 143-23-00
② 573-32-30
143-23-05°

① 135-46-15
② 543-08-15
135-46-20°

① 135-02-00
② 540-02-30
135-01-55°

Ed. Brass Cap marked E.F.-N.W. Base initials C.A. L.A. Co. Fld. Control

Pl. 1x2 (orange top) Sta. 518+17.30

① 23°-56'-00"
② 95-43-30
23-55-55

P.I. °76 per F.B. 416 P. 59

① 39-18-15
② 157-13-00
39-18-15°

F.T.D. = 687.30°

① 299.28 @ 0-0 T78 = 299.28
② 299.32 @ 0-52 T78 = 299.28°

① 55.31 @ 0-0 T84 = 55.31
② 55.31 @ 0-0 T84 = 55.31

① 52.00 @ 0-0 T84 = 52.00
② 52.00 @ 0-0 T84 = 52.00

① 281.88 @ 5-12 T84 = 280.72°
② 281.88 @ 5-12 T84 = 280.72°

Ed. 1x2 (orange top) in camp

143°-23'-05"

39°-18'-15"

40°-02'-30"

N 13°-23' W Mag.

① 175-04-20
② 209-18-20
135-04-35°

① 40-02-20
② 160-10-20
40-02-40°

P.I. °75 per F.B. 416 P. 58

135-01-55

135°-46'-20"

175°-04'-35"

1" = 100' to scale

① 20-18-00
② 81-11-00
20-17-45

① 299.61 @ 0-0 T78 = 299.60
② 299.64 @ 0-48 T78 = 299.61°

① 54.39 @ 0-0 T84 = 54.39
② 54.39 @ 0-0 T84 = 54.39

① 228.45 @ 2-57 T84 = 227.35
② 227.45 @ 2-57 T84 = 227.13°

F.T.D. = 581.12°

① 271.42 @ 2-52 T78 = 271.12°
② 271.46 @ 2-41 T78 = 271.13°

① 275.22 @ 0-0 T84 = 275.18
② 275.22 @ 0-0 T84 = 275.18

Ed. Brass Cap marked E.F.-S.E. Base initials C.A. L.A. Co. Fld. Ctrl.

Pl. °74 per F.B. 416

For Flood Control data, see Anderson the triang. man.

Ties to Flood Control △ System at East Fork Camp of L.A. Co. Surveyor's Dept.

Notes: Any additions or changes in the sheet must be made and checked in red with date and name of person making change.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 150 Chief Party Notes by Date

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHECKED IN Red WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-13-31 Notes by A.N.H. Chief Party F.B. 416 PG. 151

Calibration on Chn. #14 4-18-31 =

100ft = 21'3162
200" = 24" .884
300" = 41"

Plotted by [illegible]
Date NOV 21 1931
Map No. B.471-2
Plotting Chk by [illegible]
Date NOV 22 1931

W. O. No. 948 [illegible]
Location Comp. Course [illegible]
Surveyed by A. N. HEILSTROM
Date 5-13-31
Indexed by A. C. Johnson

Hallstrom
Mc Carras
Mc Bride
Morrison
Maxwell

Cont. on left Pg. 150

① 293.54 @ 1-08 T 72° = 293.46.
② 293.55 @ 1-15 T 72° = 293.46.

① 68.73 @ 3-20 T 70 = 68.60.
② 68.70 @ 2-48 T 70 = 68.61.
F.T.D. = 362.06.

To P.I. #143

P.O.S.T. #142B
Set 2x2

138°-59'-45"

EC 406+54.65
Set L&T.

① 138°-59'-45"
② 550°-59'-00"
138°-59'-45"

(94.75) calc. LCM

82°-42'-45" calc. LCM

① 115.57 @ 13°-41' T 66° = 112.28°
② 115.67 @ 13-52' T 66° = 112.29.
F.T.D. = 112.28.

P.I. #142
Not Set

Δ = 97-44-15
R = 100°
T = 114.51
L = 170.58
E = 52.0

(74.25) calc. LCM

① 123-16-00
② 493-04-00
123-16-00

123°-16'-00"

POST #142A
Set L&T
in rock.

BC 406+84.07
Nothing Set - Pt. falls in Hill Stream
Set x in rock at Sta. 406+80.00

① 276.69 @ 1°01' T 68 = 276.62
~~② 276.65 @ 0°50' T 68 = N.G.~~
② 276.68 @ 0°56' T 68 = 276.61.
F.T.D. = 276.61.

S 72°-27'-W
Hold

To P.I. #141 per Pg. 148

Curve 142

	Sta	Defl	Chd
B.C.	406+84.07	00-00	
	407+00.00	4°-33-51.3	15.91
	+25.00	11-43-34.4	24.935
	+50.00	18-53-17.5	"
	+75.00	26-03-00.6	"
	408+00.00	33-12-43.7	"
	+25.00	40-22-26.8	"
	+50.00	47-32-09.9	"
E.C.	408+54.65	48+52-07.5	46.65

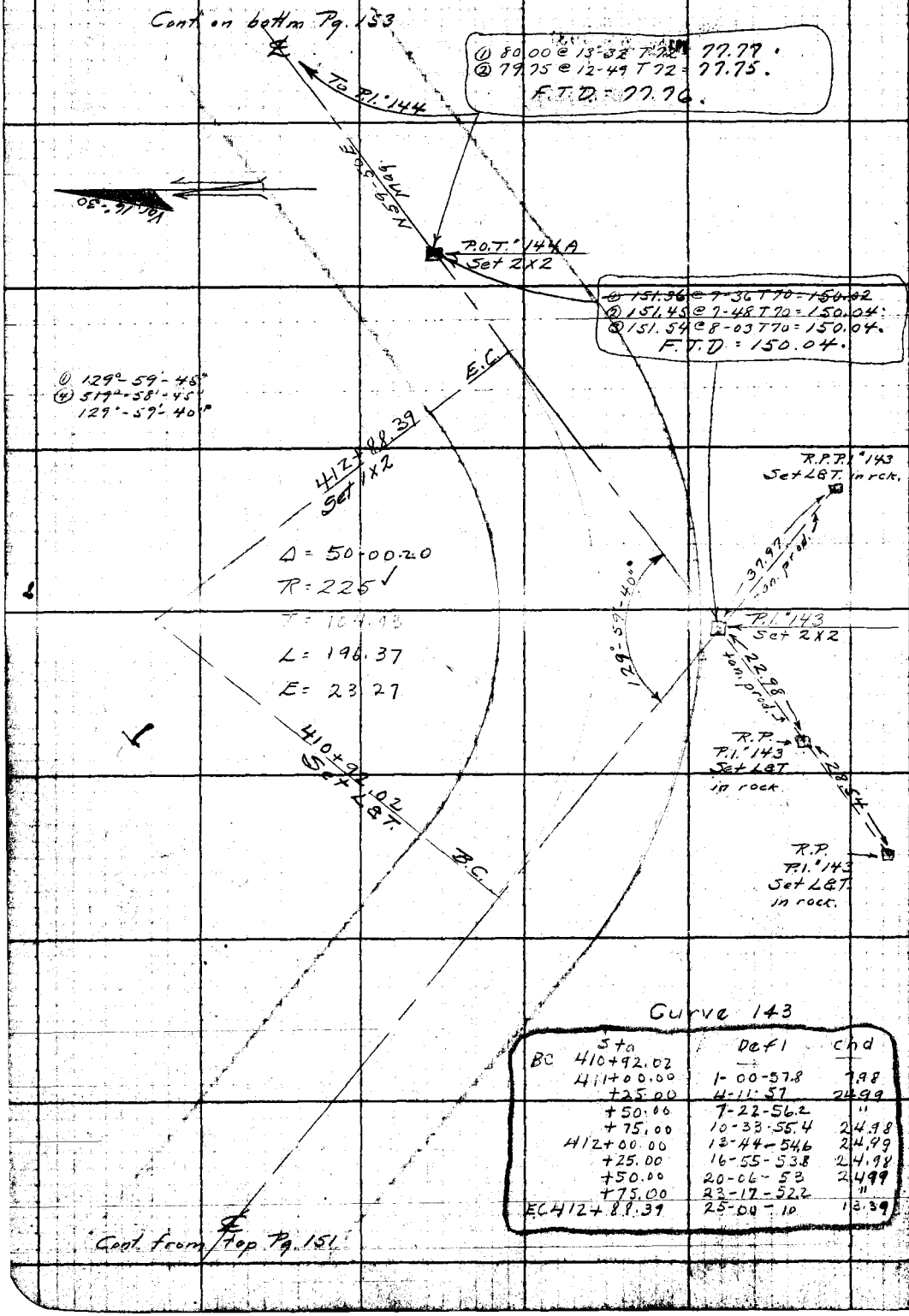
Cont. to top pg. 152

Notice: ANY ALTERATIONS, OR MARKS ON THIS SHEET, MADE BY PERSONS OR BODIES OF DIFFERENT DATE AND TIME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

Returned to LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 152 Chief Party Notes by A.N.H. Date 5-14-31



Curve 143

	Sta	Defl	Chd
BC	410+92.02		
	411+00.00	1-00-57.8	7.98
	+25.00	4-11-57	24.99
	+50.00	7-22-56.2	"
	+75.00	10-33-55.4	24.98
	412+00.00	13-44-54.6	24.99
	+25.00	16-55-53.8	24.98
	+50.00	20-06-53	24.99
	+75.00	23-17-52.2	"
EC	412+88.39	25-00-10	13.39

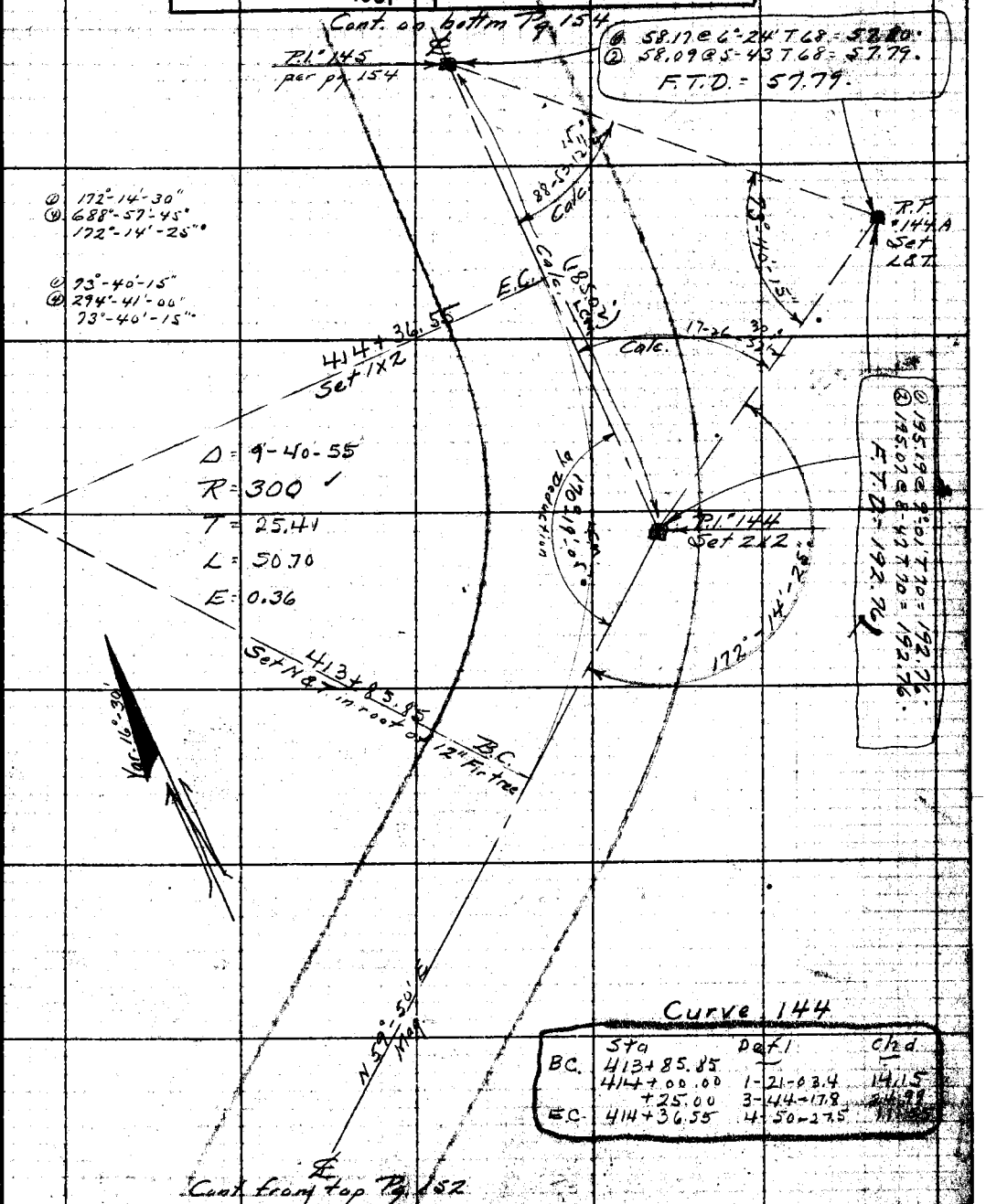
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 5-14-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 153

Plotted by H.U.M.H.	W.O. No. 948 D.S.C. No. 14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. B.471-2.	Surveyed by A. N. HELLSTROM
Plotting C'k'd by K.R.McP.	Date 5-14-31
Date NOV 2 1931	Indexed A. C. Johnson



Curve 144

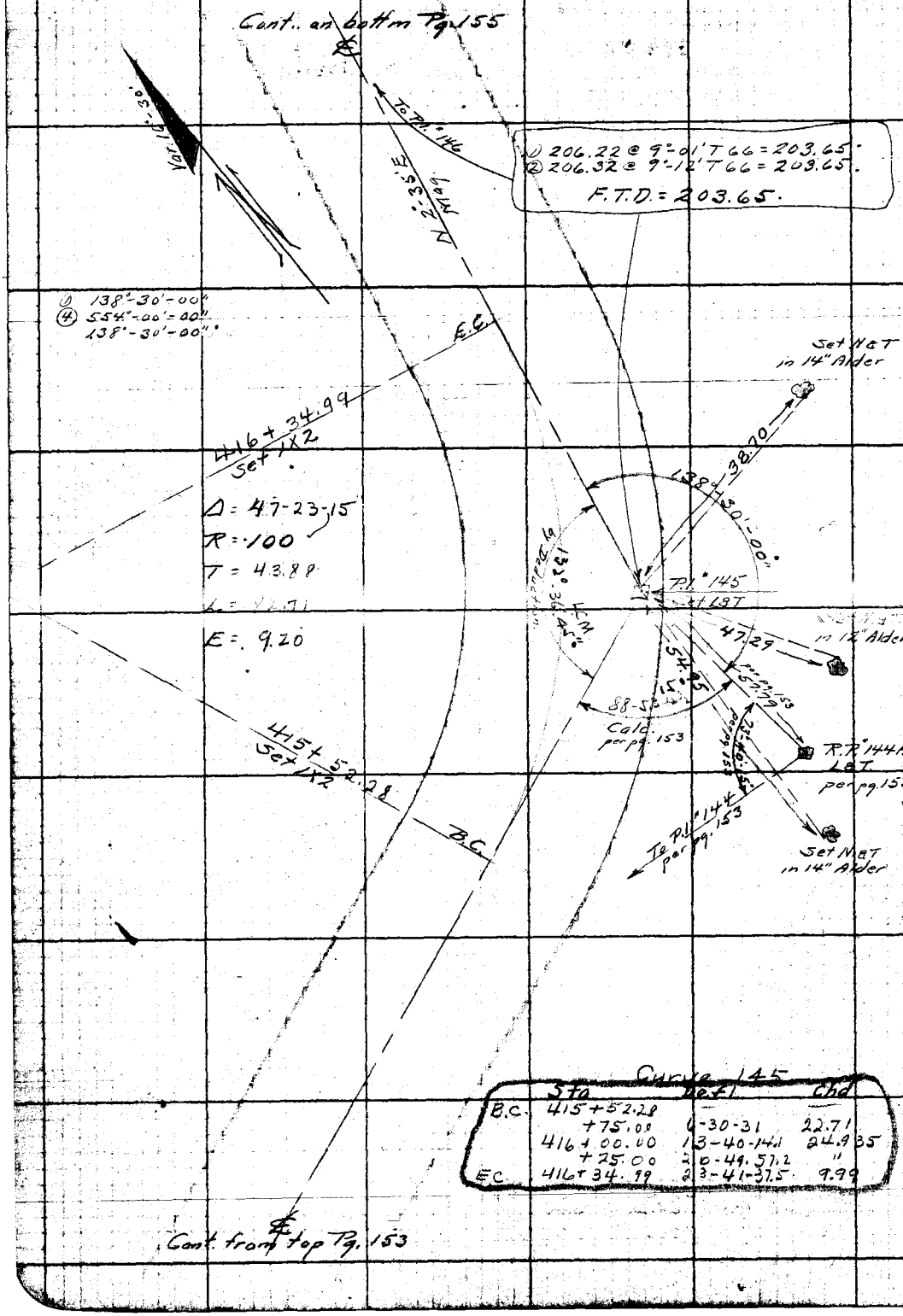
	Sta	Defl	Chd.
BC.	413+85.85		
	414+00.00	1-21-03.4	14.15
	+25.00	3-44-17.8	24.99
EC.	414+36.55	4-50-27.5	[illegible]

Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHECKED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 154 Chief Party Notes by A.N.H. Date 5-14-31



Curve 145

	Sta	Defl	Chd
B.C.	415+52.28		
	+75.00	6-30-31	22.71
	416+00.00	13-40-14.1	24.935
	+25.00	20-49-57.2	"
E.C.	416+34.99	23-41-37.5	9.99

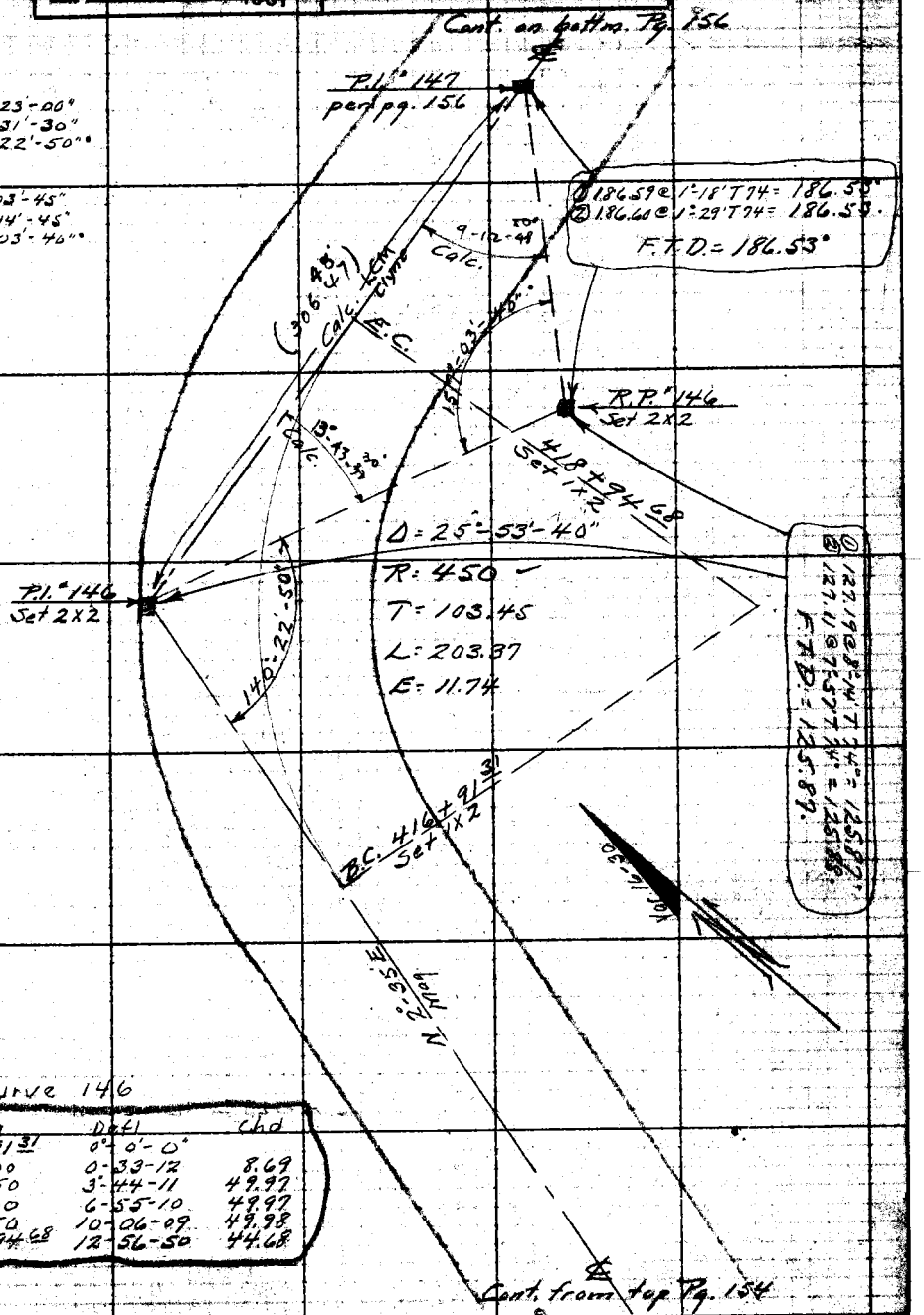
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

Note: ANY PROPOSED OR CHANGED ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-14-31 Noted by A.N.H. Chief Party F.B. 416 Pg. 155

Plotted by H. U. M. H.	W. O. No. 948
Date NOV 31 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. B.1171-3.	Surveyed by A. N. HELLSTROM
Plotting Ck'd by K.R. McP.	Date 5-14-31
Date NOV 22 1931	Indexed A. C. Johnson



Curve 146

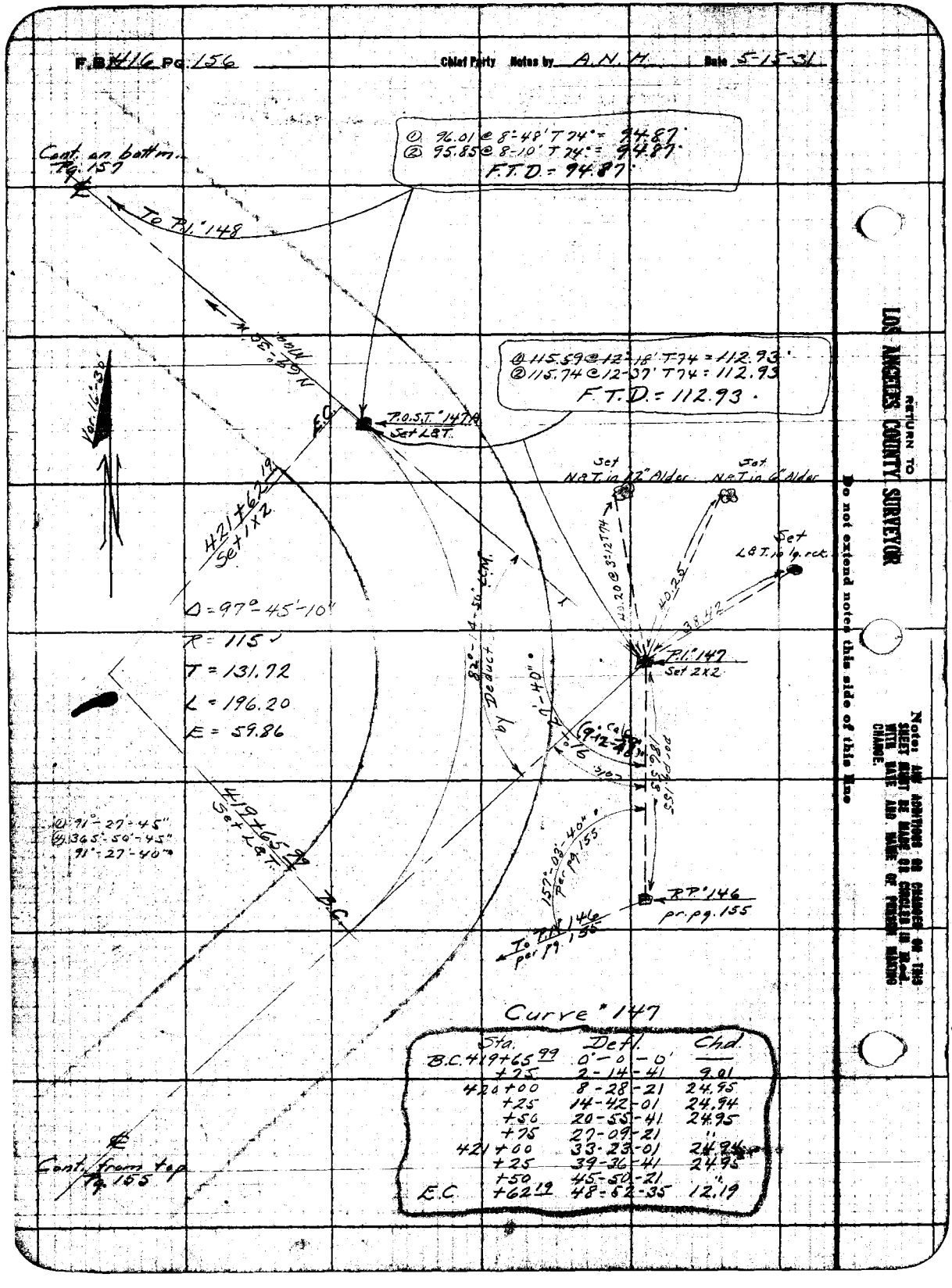
	Sta	Defl	Chd
B.C.	416+91.31	0°-0'-0"	
	417+00	0-33-12	8.69
	+50	3°-44-11	49.97
	418+00	6-55-10	49.97
	+50	10-06-09	49.98
E.C.	+94.68	12-56-50	44.68

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

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

F.B. #16 Pg. 156 Chief Party Notes by A.N.H. Date 5-15-31



Curve # 147

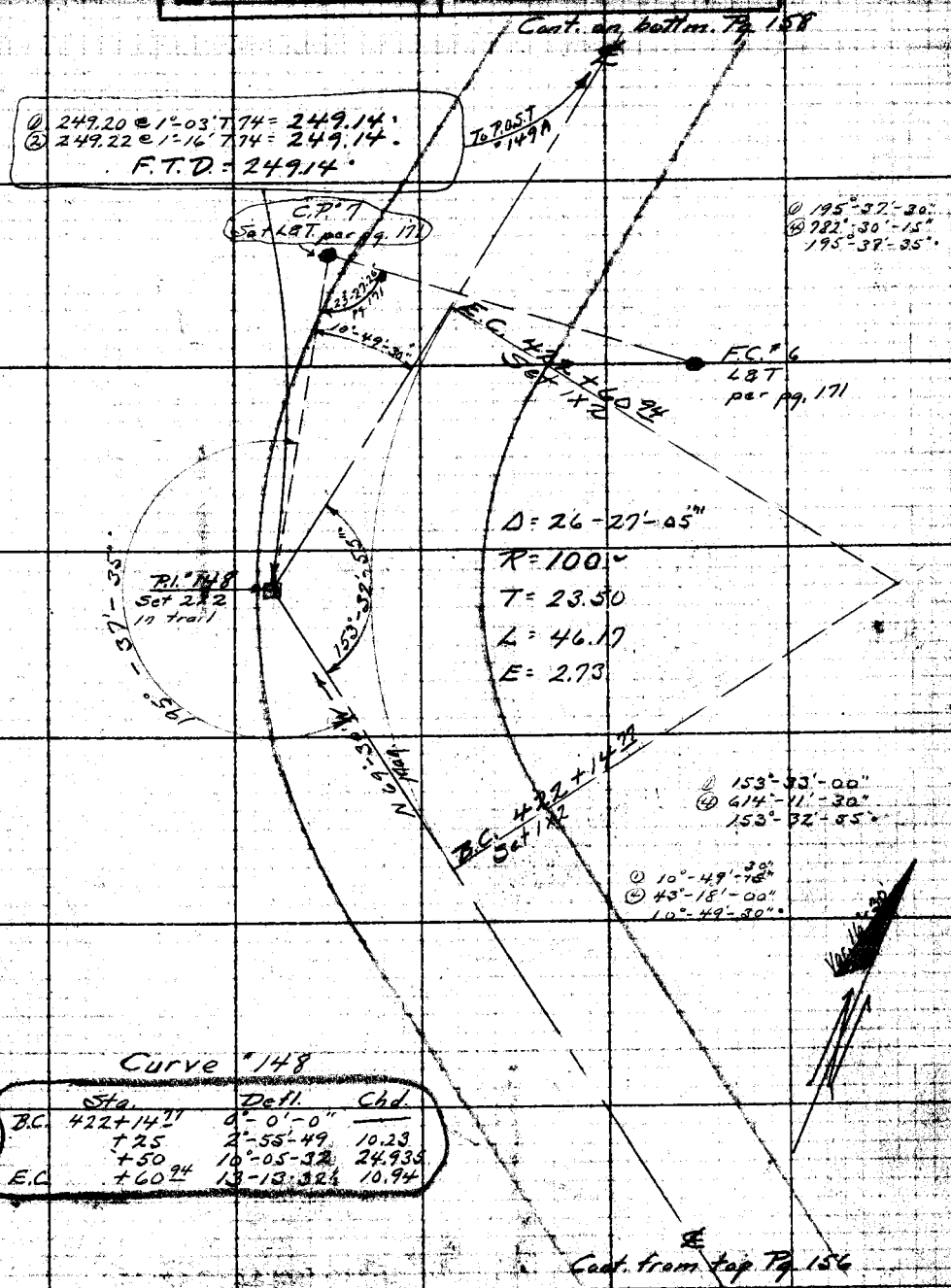
Sta.	Defl.	Chd.
B.C. 419+65.99	0°-0'-0'	
+75	2-14-41	9.01
420+00	8-28-21	24.95
+25	14-42-01	24.94
+50	20-55-41	24.95
+75	27-09-21	"
421+00	33-23-01	24.94
+25	39-36-41	24.95
+50	45-50-21	"
E.C. +62.19	48-52-35	12.19

RETURN TO LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE IN CONFORMITY WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-15-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 157

Plotted by H.U.M.H.	W. O. No. 948 Tags # 14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. B.471-3	Surveyed by A. N. HELLSTROM
Plotting Chk'd by	Date 5-15-31
Date NOV 22 1931	Indexed by A. C. Johnson

Hellstrom
McCarver
McBride
Morrison
Maxwell
Murray



Curve #148

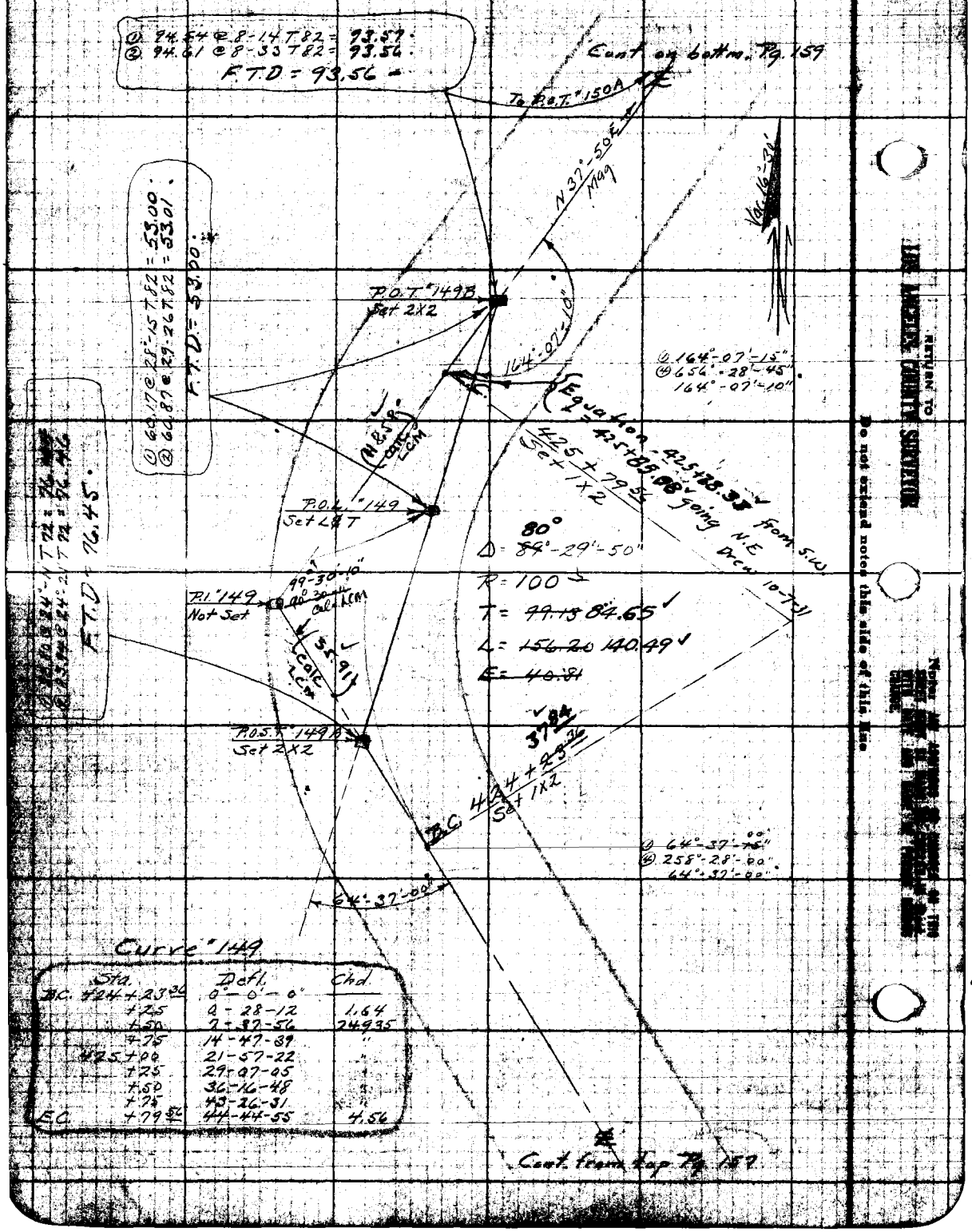
	Sta.	Defl.	Chd.
B.C.	422+14.77	0°-0'-0"	—
	+25	2°-55'-49	10.23
	+50	10°-05-32	24.935
E.C.	+60.94	13-13-32½	10.94

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE AS ANGLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

F.B. 416 Pg. 158 Chief Party Notes by A.N.H. Date 5-15-31



Curve #149

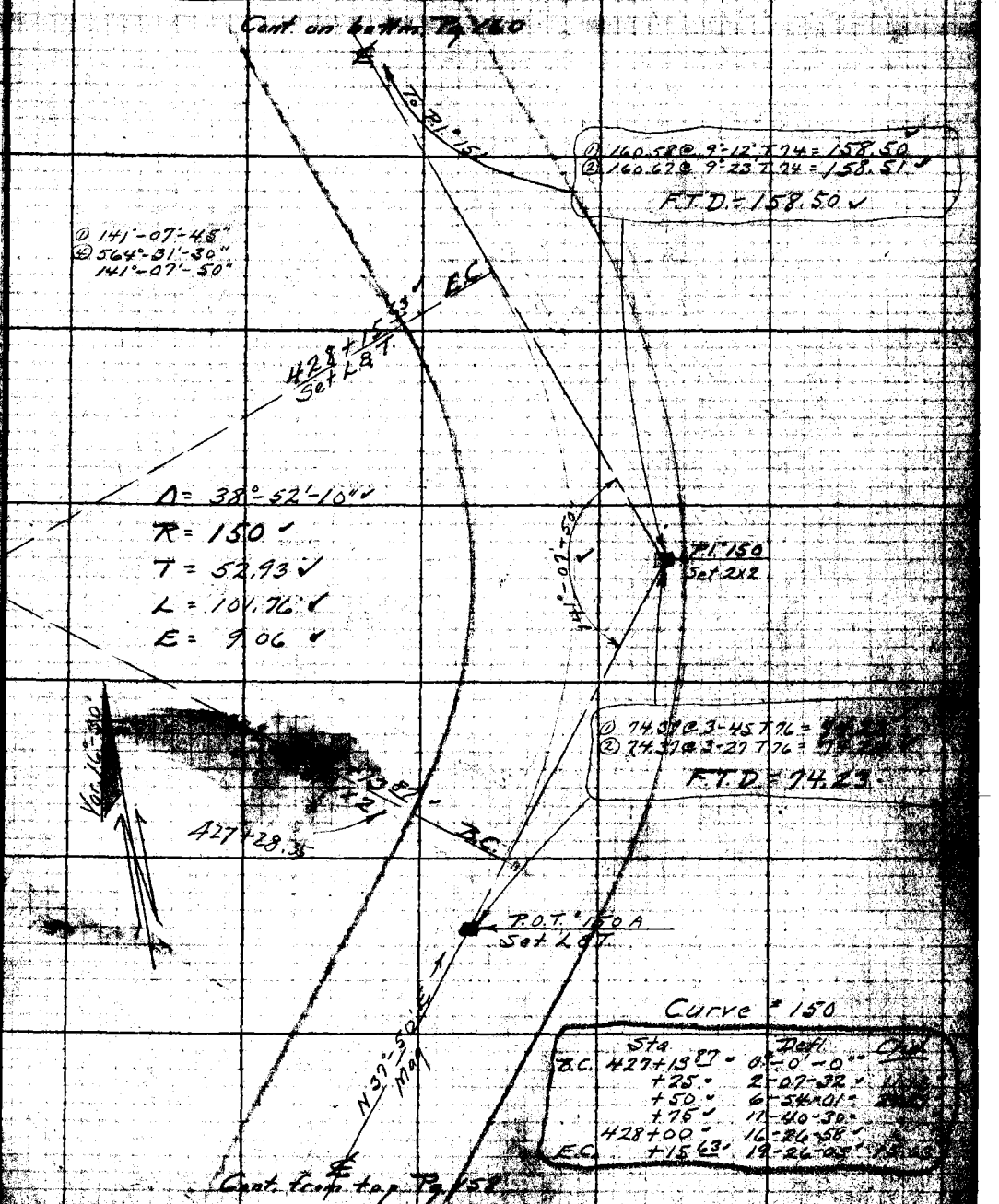
	Sta.	Defl.	Chd.
B.C.	424+23.36	0°-0'-0"	
	+25	0-28-12	1.64
	+50	7-37-56	24.935
	+75	14-47-39	"
	425+00	21-57-22	"
	+25	29-07-05	"
	+50	36-16-48	"
	+75	43-26-31	"
E.C.	+79.56	44-44-55	4.56

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line

Date 5-26-31 Notes by A. N. H. F.B. 416 Pg. 159

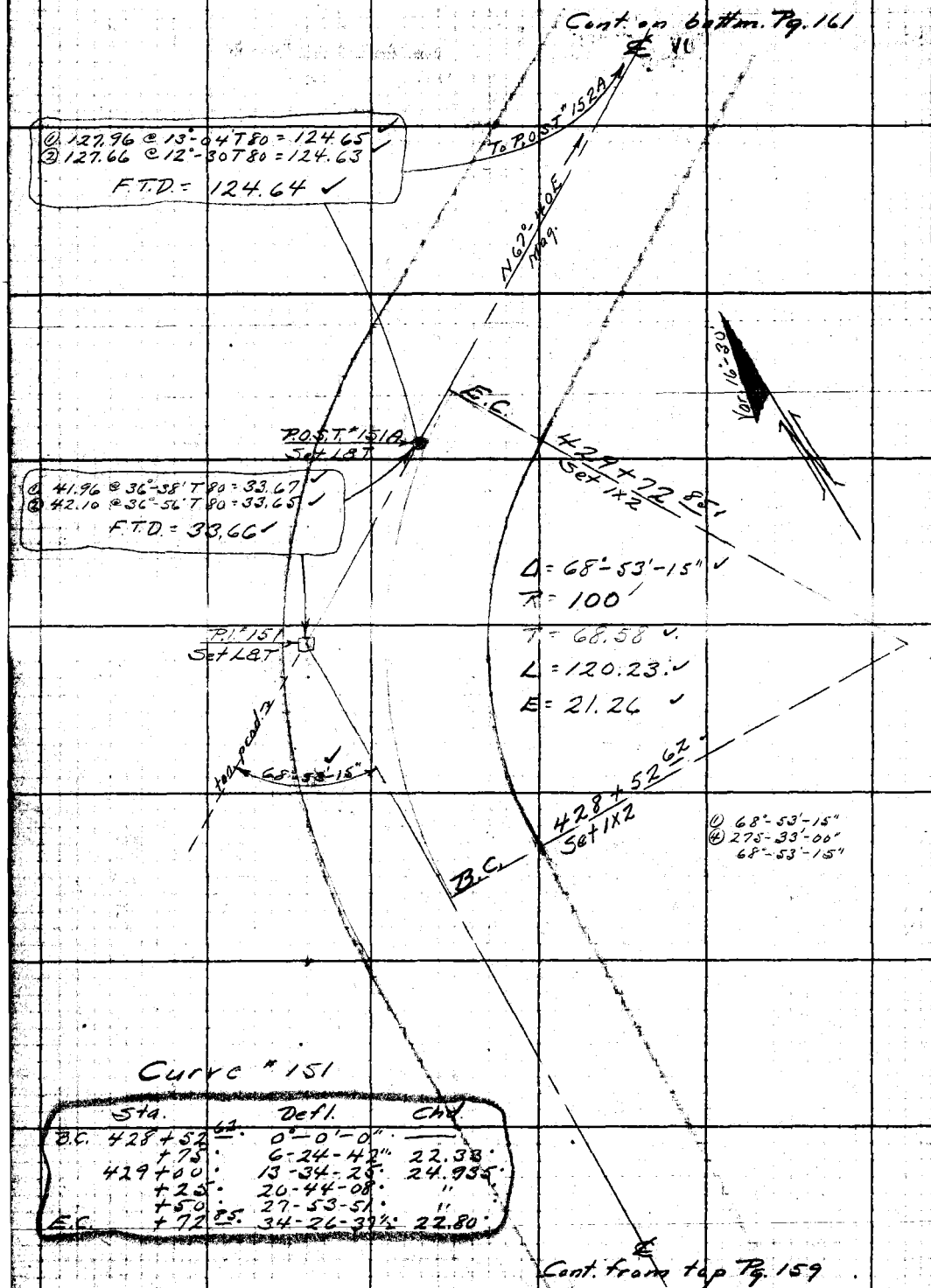
Plotted by H. U. M. H.	W. O. No. 948
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. B-471-3	Surveyed by A. N. HELLSTROM
Plotting Ck'd by Drew	Date
Date NOV 24 1931	Inspected A. C. Johnson

Hellstrom
McCarver
McBride
Morrison
Maxwell
Murray



Ck. by L. K. FREEMAN

F.B. 416 Pg. 160 Chief Party Notes by A.N.H. Date 5-10-31



Curve #151

	Sta.	Defl.	Chd.
B.C.	428+52.62	0°-0'-0"	—
	+75	6-24-42"	22.33
	429+00	13-34-25	24.935
	+25	20-44-08	"
	+50	27-53-51	"
E.C.	+72.85	34-26-37½	22.80

RETURN TO LOS ANGELES COUNTY SURVEYOR

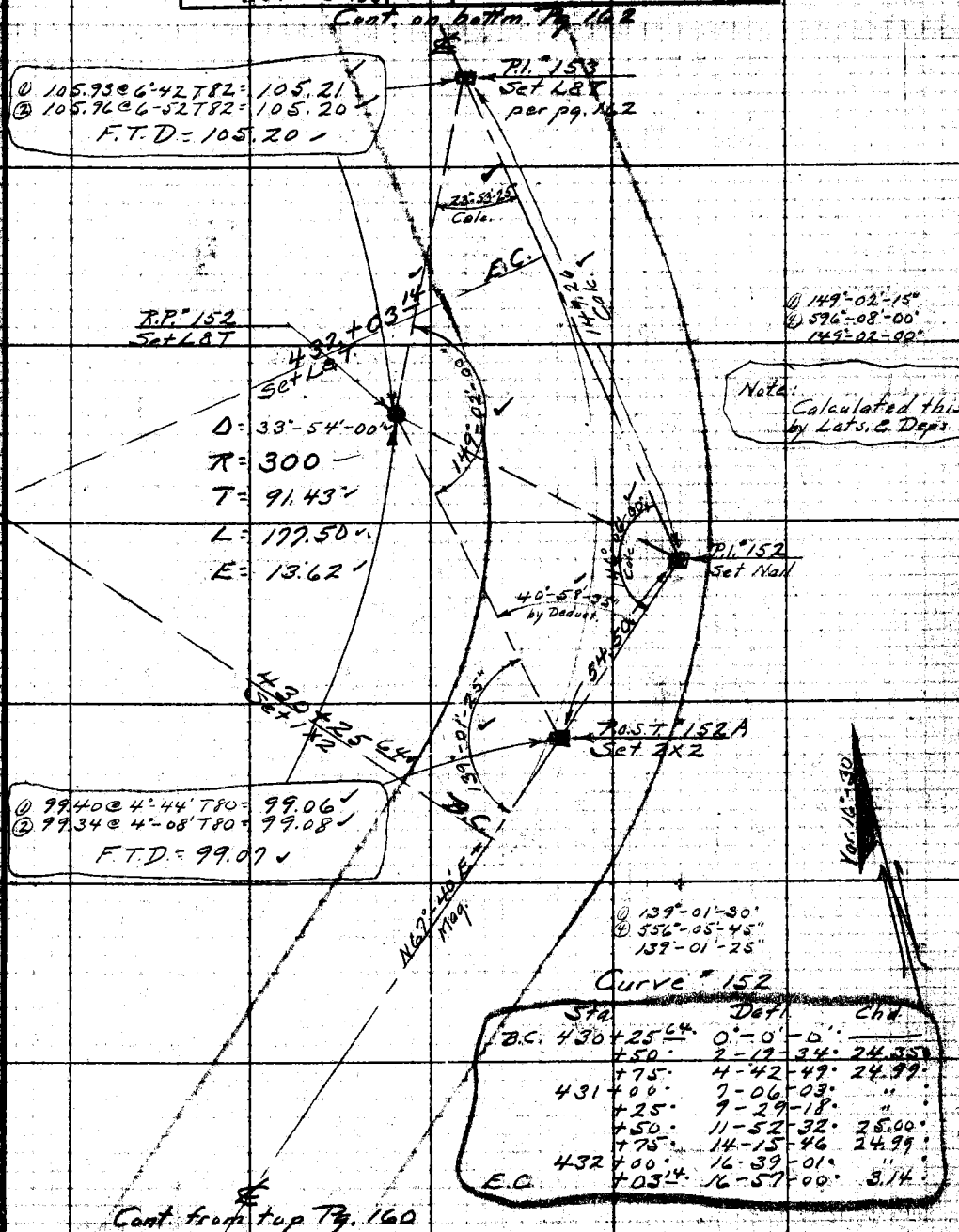
Do not extend notes this side of this line

(Note) ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

CK by L. K. FREEMAN

Date 5-18-31 Notes by A.N.H. Other Parts F.B. 416 Pg. 161

Plotted by H. U. M. H.	W. O. No. 948
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. B-1471-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Drew	Date 5-18-31
Date NOV 24 1931	Entered C. Johnson



Curve #152

	Sta.	Defl.	Chd.
B.C.	430+25.64	0°-0'-0"	
	+50	2-19-34	24.35
	+75	4-42-49	24.99
	431+00	7-06-03	"
	+25	9-29-18	"
	+50	11-52-32	25.00
	+75	14-15-46	24.99
	432+00	16-39-01	"
E.C.	+03.14	16-57-00	3.14

ck by L. K. FREEMAN

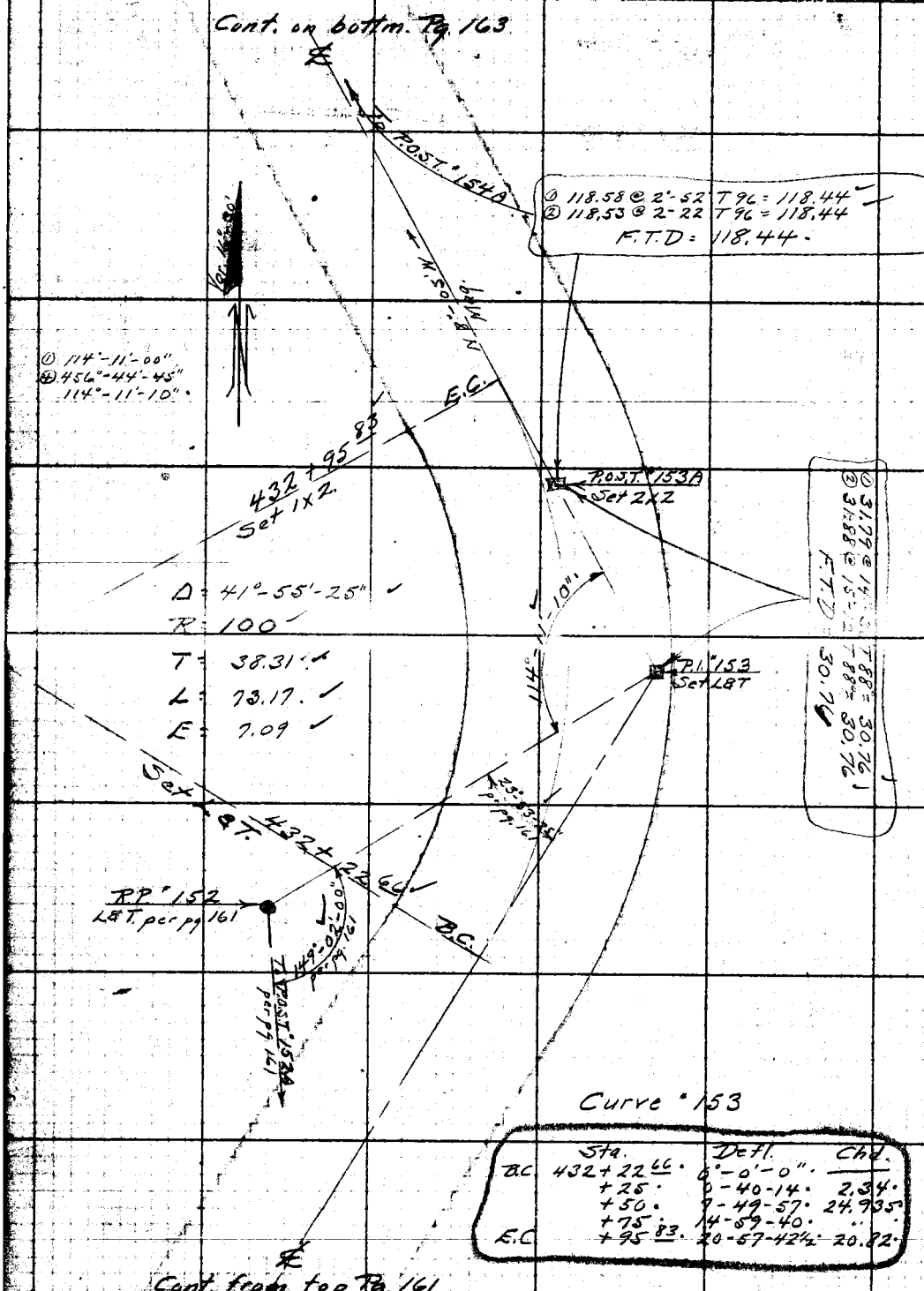
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red WITH DATE AND NAME OF PERSON MAKING CHANGE.

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

F.B. 416 Pg. 162 Chief Party Notes by A.N.H. Date 5-18-31

Cont. on bottom Pg. 163



Curve "153

	Sta.	Defl.	Chd.
B.C.	432+22.66	0°-0'-0"	
	+25	0-40-14	2.34
	+50	7-49-57	24.935
	+75	14-59-40	
E.C.	+95.83	20-57-42½	20.82

Cont. from top Pg. 161

CK by L. K. FREEMAN

RETURN TO LOS ANGELES COUNTY SURVEYOR

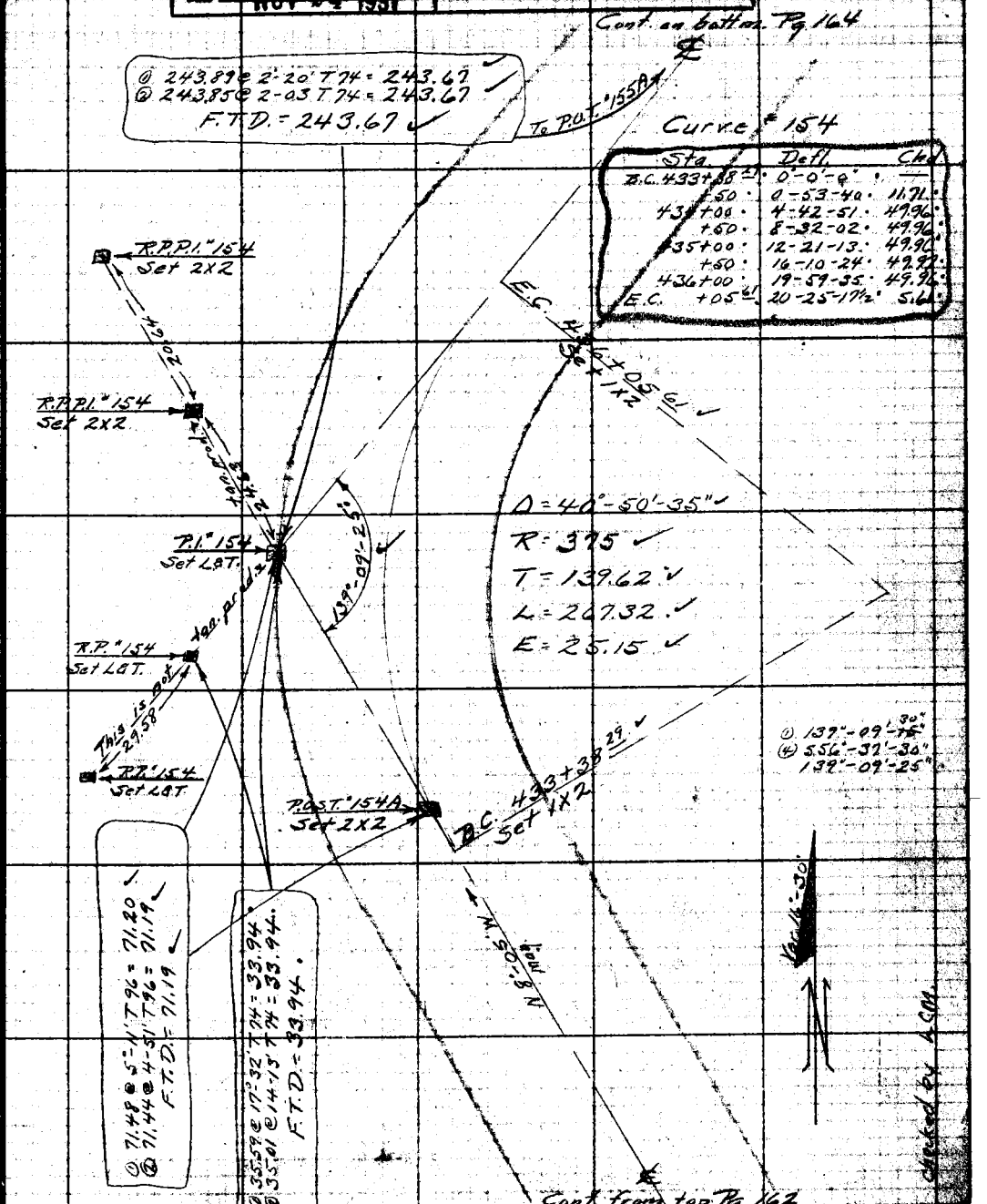
Do not extend notes this side of this line

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

Date 5-18-31 Noted by A.N.H. Field Party F.B. 416 Pg. 163

Plotted by H.U.M.H.	W. O. No. 948
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. B-471-3.	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Drew	Date 5-18-31
Date NOV 24 1931	Indexed A. C. Johnson

Hellstrom
McCarver
McBride
Morrison
Maxwell
Murray



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

Do not extend notes this side of this line

RETURN TO 106 ANGELES COUNTY SURVEYOR

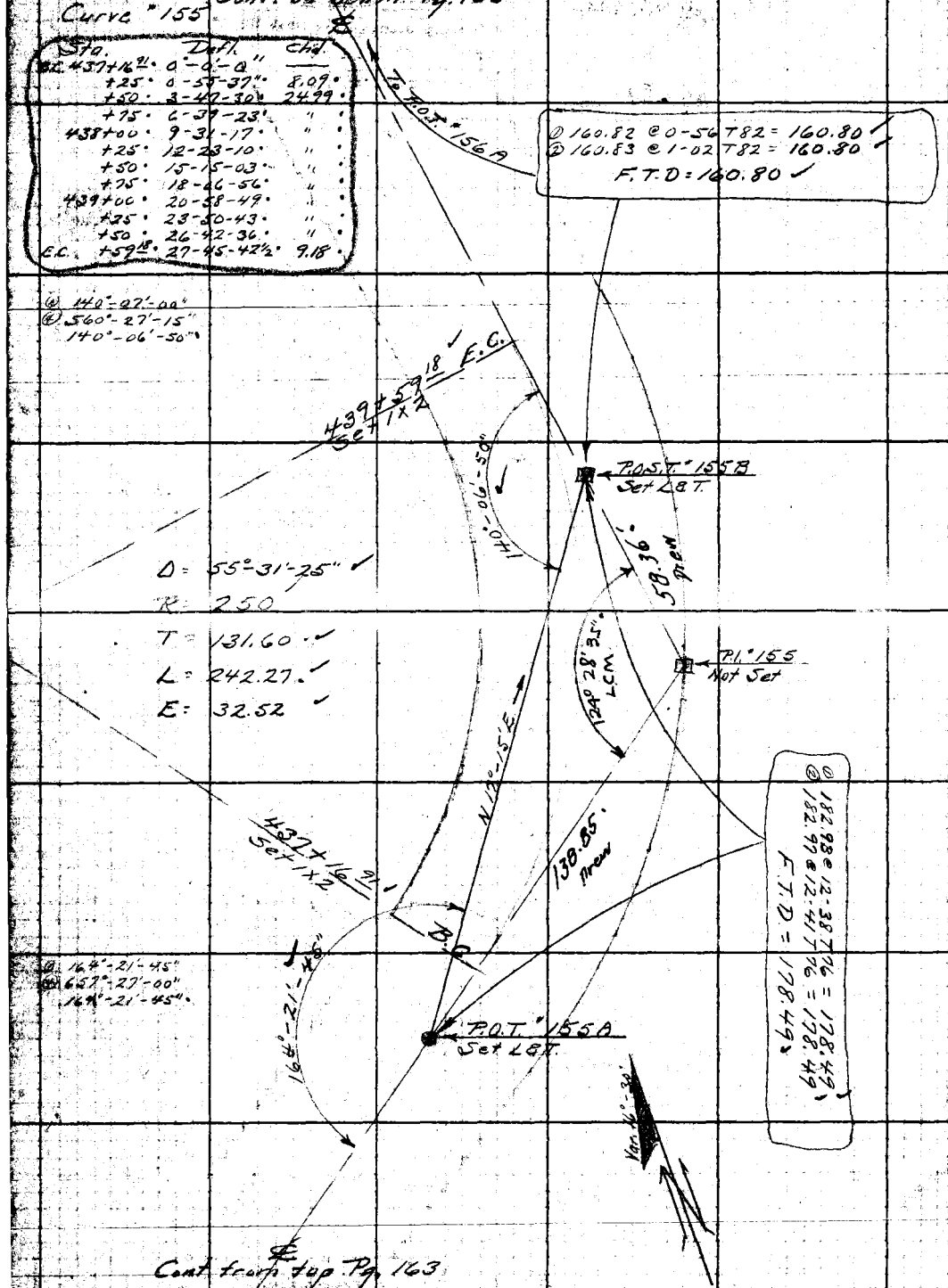
Checked by L.C.M.

CK by L. K. FREEMAN

F.B. 416 Pg. 164 Chief Party Notes by A.N.H. Date 5-19-31

Curve #155 Cont. on bottom Pg. 165

Sta.	Defl.	Chd.
B.C. 437+16.91	0°-0'-0"	
+25	0-55-37	8.09
+50	3-47-30	24.99
+75	6-39-23	"
438+00	9-31-17	"
+25	12-23-10	"
+50	15-15-03	"
+75	18-06-56	"
439+00	20-58-49	"
+25	23-50-43	"
+50	26-42-36	"
E.C. +59.18	27-45-42½	9.18



Cont from top Pg. 163

CK. by L. K. FREEMAN

RETURN TO
LOS ANGELES COUNTY SURVEYOR

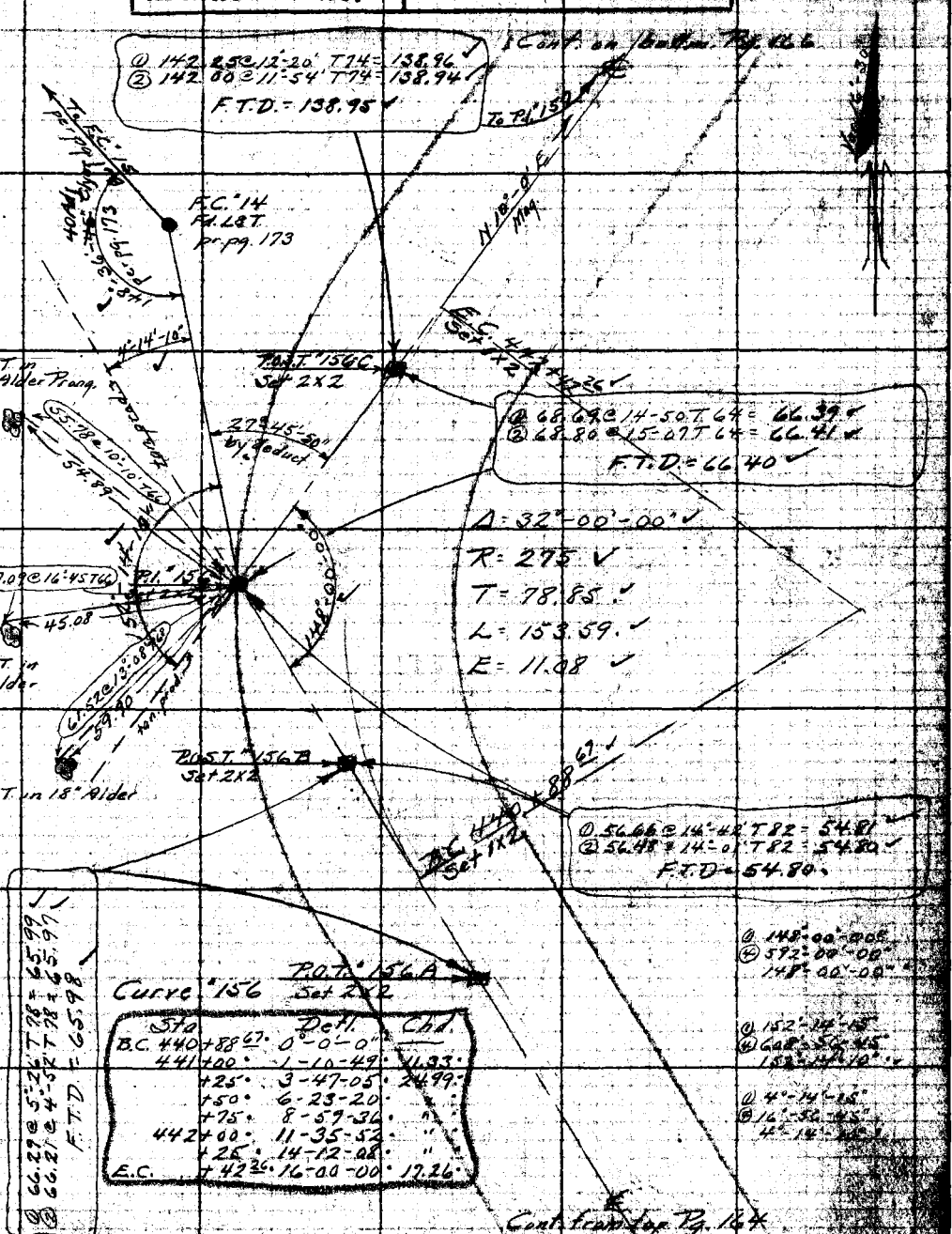
Do not extend notes this side of this line

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

Date 5-19-34 Notes by A. N. H. F.B. 416 Pg. 165

Platted by H. U. M. H.	W. O. No. [illegible]
Date NOV 21 1931	Location Camp Smith-Pacific Forks Rd.
Map No. B 471-3.	Surveyed by A. N. HELLSTROM
Platting Ck'd by DKCW	Date [illegible]
Date NOV 24 1931	Authorized A. C. Johnson

Hellstrom
Blanchard
McCarver
Morrison
Murray
Linden



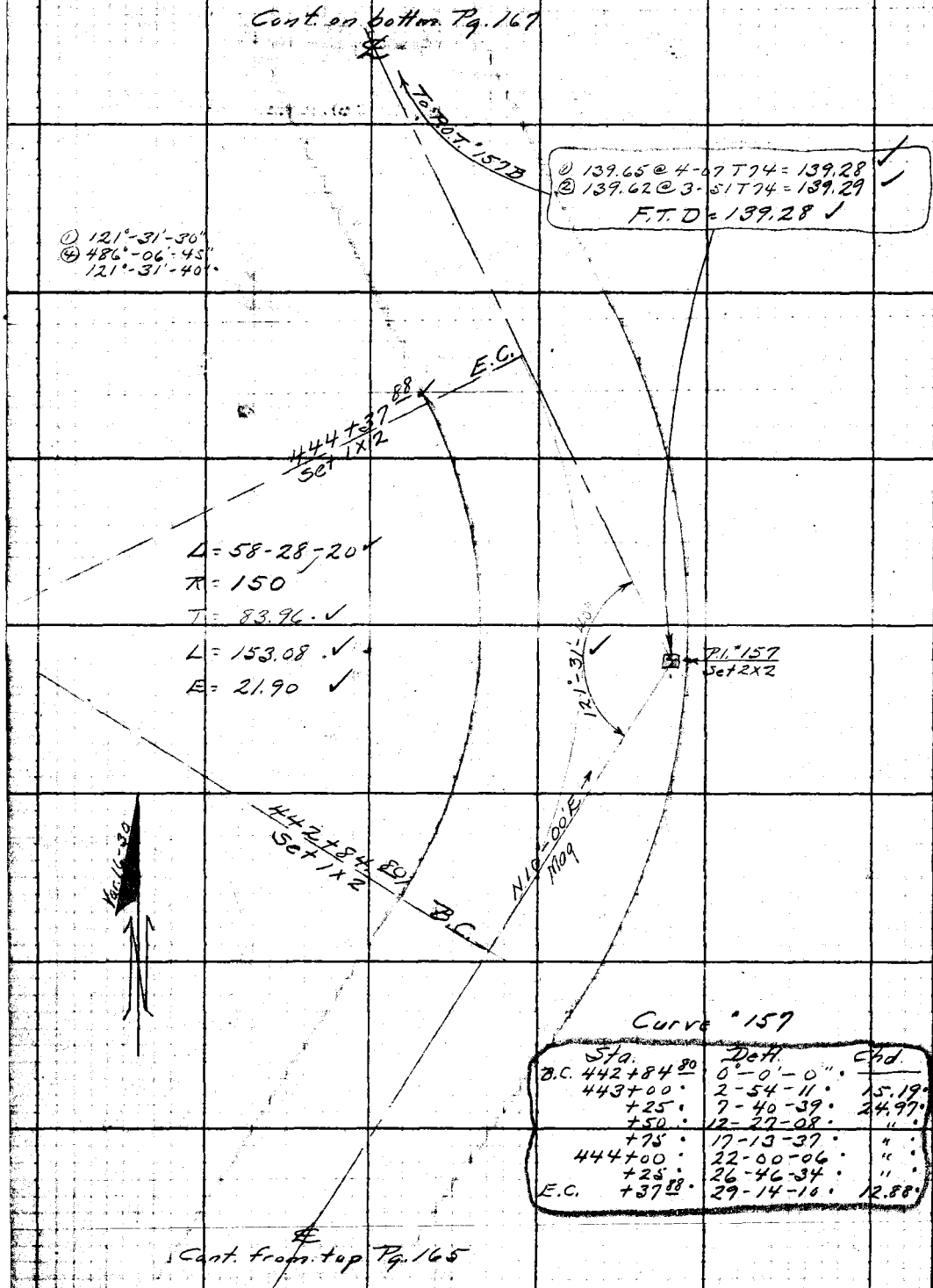
Sta	Defl.	Chd.
B.C. 440+88.67	0-0-0"	
441+00	1-10-49	11.33
+25	3-47-05	24.99
+50	6-23-20	"
+75	8-59-36	"
442+00	11-35-52	"
+25	14-12-08	"
E.C. +42.26	16-00-00	17.26

CK by L. K. FREEMAN

Notice: ANY ALTERATIONS OR CHANGES ON THIS SHEET MUST BE MADE IN INK, DATED, SIGNED AND THE REASON OF PERSON MAKING CHANGE.
Return to LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line

R.B. 4-16a Pg. 166 Chief Party Notes by A.N.H. Date 5-27-31

Cont. on bottom Pg. 167



Curve #157

	Sta.	Defl.	Chd.
B.C.	442+84.80	0°-0'-0"	
	443+00	2-54-11	15.19
	+25	7-40-39	24.97
	+50	12-27-08	"
	+75	17-13-37	"
	444+00	22-00-06	"
	+25	26-46-34	"
E.C.	+37.88	29-14-10	12.88

Cont. from top Pg. 165

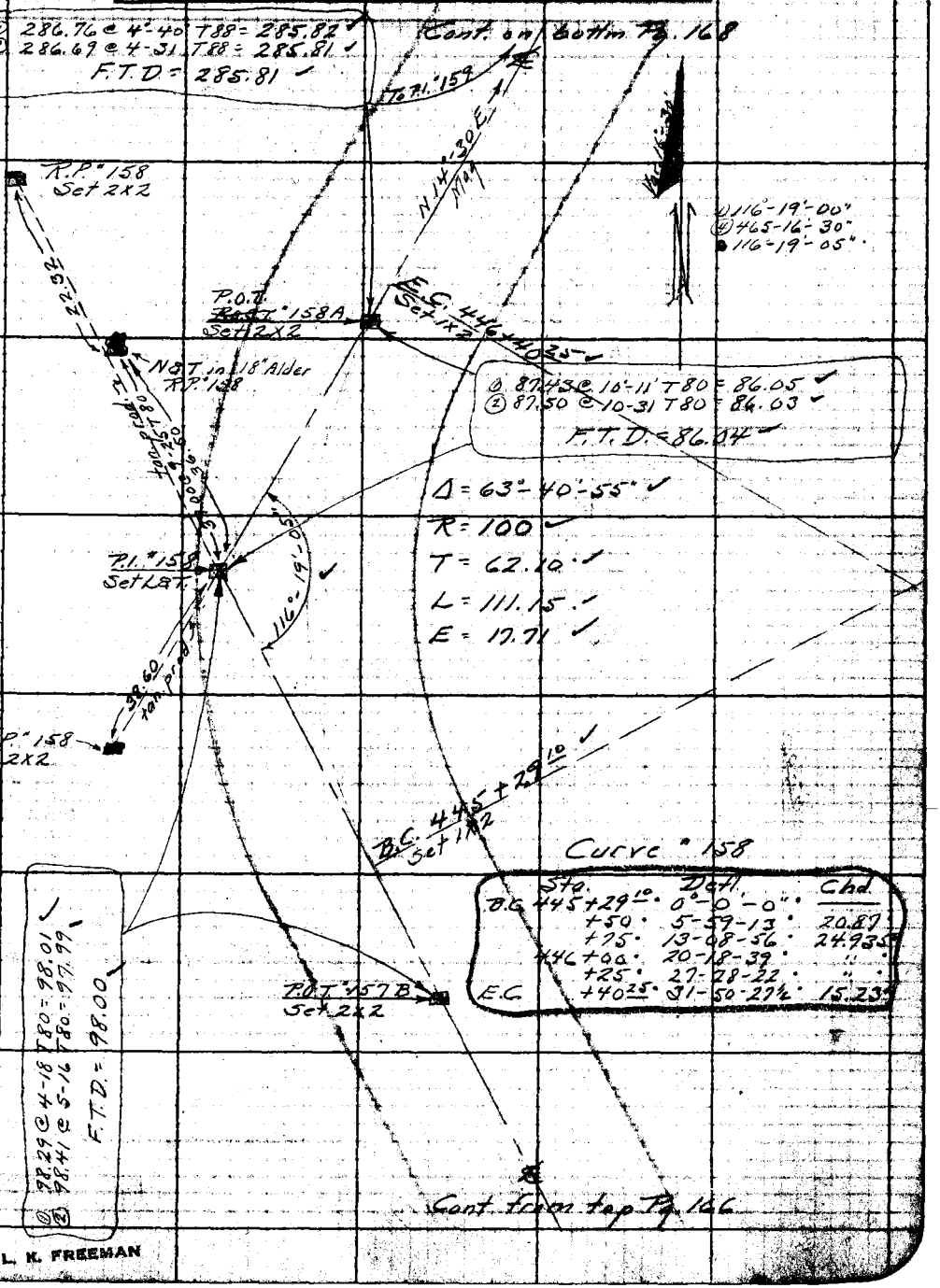
Ck by L. K. FREEMAN

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-27-31 Notes by A.N.H. Local Party F.B. 416 Pg. 167

Plotted by H.U.M.H.	W.O. No. 448 C.S.C. No. #14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. B.471-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by [illegible]	Date 5-27-31
Date NOV 24 1931	Instrument A. C. Johnson

Hellstrom
Blanchard
McCarver
Morrison
Murray
Linden



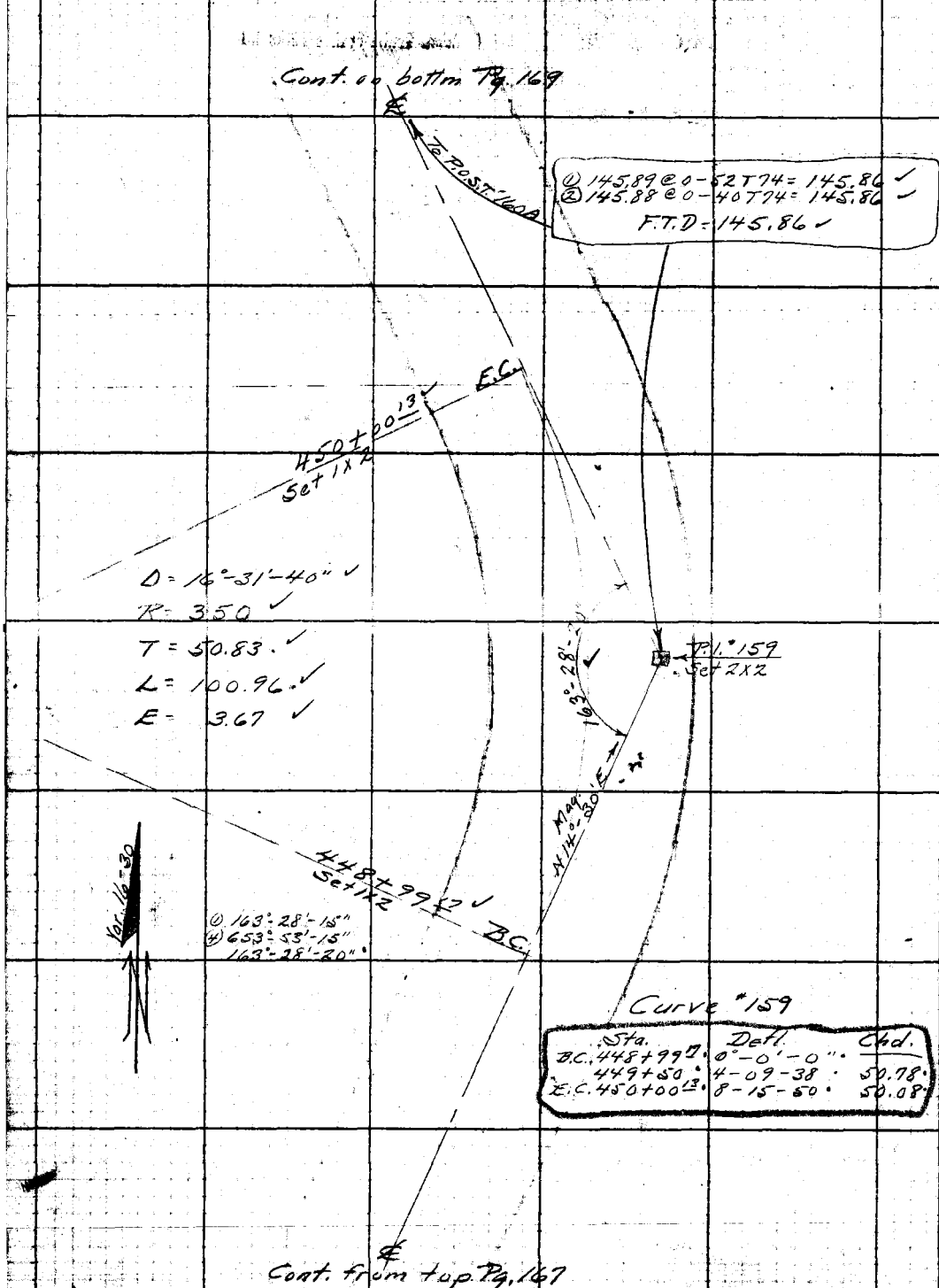
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

ck by L. K. FREEMAN

F.B. 416 Pg. 168 Chief Party Notes by A.N.H. Date 5-28-31



RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE AS CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

CK by L. K. FREEMAN

Date 5-28-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 169

Platted by H.U.M.H.	W. O. No. 948 S. S. O. No. 14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. B.471-3	Surveyed by A. N. HELLSTROM
Platting C'k'd by Drew	Date 5-28-31
Date NOV 24 1931	Reviewed A. C. Johnson

Cont. on bottom Pg. 170

① 126.85 @ 7°-26' T90° = 125.78 ✓
② 126.99 @ 7°-53' T90° = 125.79 ✓
F.T.D. = 125.78 ✓

① 105.09 @ 4°-49' T78 = 104.72 ✓
② 105.15 @ 5°-13' T78 = 104.71 ✓
F.T.D. = 104.71 ✓

To P.O.S.T. #161B

P.O.T. #160B
Set 2X2

175°-55'-35"

E.C. 451+52.65
Set Chiselled (X)

① 175°-55'-30"
④ 703°-42'-30"
175°-55'-35"

93.91'

N 29°-00' E
Mag.

Δ = 35°-13'-50" ✓
R = 150 ✓
T = 47.63 ✓
L = 92.23 ✓
E = 7.38 ✓

P.I. #160
Not Set

L.C.M.
1440-46'-10"

12.89'

P.O.S.T. #160A
Set 2X2

148°-50'-35"

B.C. 450+60.42
Set LAT

① 148°-50'-45"
④ 595°-22'-15"
148°-50'-35"

Curve #160

Sta.	Defl.	Chd.
B.C. 450+60.42	0°-0'-0"	
+75	2-47-06	14.58
451+00	7-33-34	24.97
+25	12-20-03	"
+50	17-06-32	"
E.C. +52.65	17-36-55	2.65

Cont. from top Pg. 168

CK by
L. K. FREEMAN

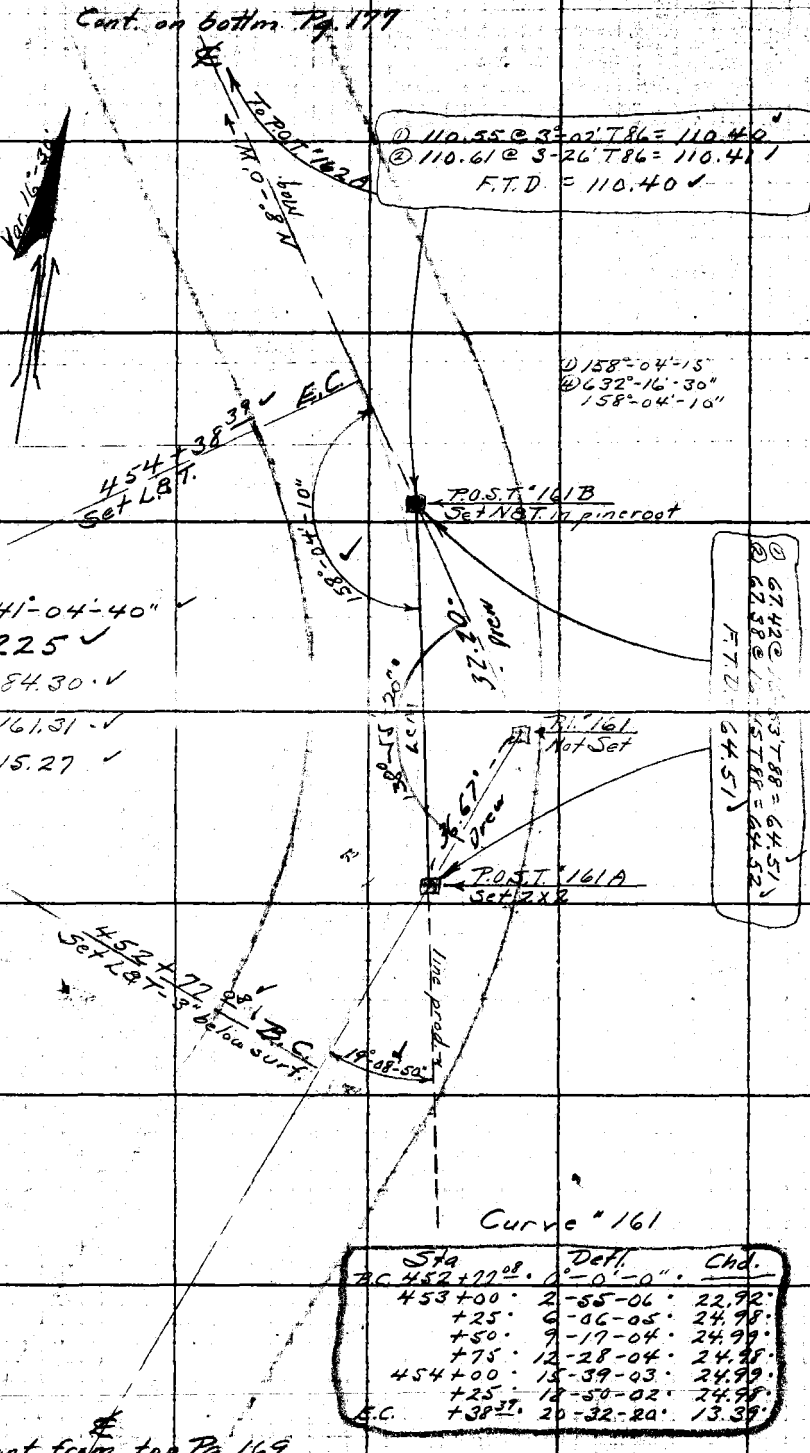
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

F.B. 416 Pg. 170 Chief Party Notes by A.N.H. Date 5-28-31

Cont. on bottom Pg. 177



Sta	Defl.	Chd.
B.C. 452+77.08	0°-0'-0"	
453+00	2-55-06	22.92
+25	6-06-05	24.98
+50	9-17-04	24.99
+75	12-28-04	24.98
454+00	15-39-03	24.99
+25	18-50-02	24.98
E.C. +38.39	20-32-20	13.39

Cont. from top Pg. 169

Ck. by L. K. FREEMAN

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note! ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-15-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 171

Plotted by H.U.M.H.	W.O. No. 948 U.S.O. No.
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. B.471-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Drew	Date 5-15-31
Date NOV 24 1931	Reduced A. C. Johnson

Hellstrom
McCarver
McBride
Morrison
Maxwell
Murray

Angular Closure Line.

Cont. on bottom F.C. #7 Pg. 172

Fd. L&T.

C.P. #7 Set L&T

① 23°-27'-15"
④ 93°-49'-15"
23°-27'-20"

① 156°-04'-45"
④ 624°-19'-45"
156°-04'-55"

① 108°-19'-15"
④ 433°-16'-45"
108°-19'-10"

P.I. #148 2X2 in trail per pg. 157

F.C. #6 Fd. L&T.

F.C. #6 Fd. L&T

Flood Cntrl. Station 76
F.C. #5 = 682+88
Fd X in rock

F.C. #5 Fd X in rock

Identical

① 155°-17'-30"
④ 621°-10'-30"
155°-17'-35"

① 145°-18'-00"
④ 581°-11'-30"
145°-17'-50"

F.C. #4 Fd. L&T.

Note:

The First Angular Closure between P.I. #141 & P.I. #148 is out #40 seconds for 20 angles. I think this can be adjusted in the F.C. line.

These F.C. Points are Flood Control points. I have assumed the numbers of them.

① 110°-26'-00"
④ 441°-43'-45"
110°-25'-55"

F.C. #3 Fd. L&T

Mag. S 56°-25' E

① 94°-00'-45"
④ 376°-03'-00"
94°-00'-45"

F.C.-2 Fd. 1X2 per pg. 148

Var. 16°-30'

See Pg. 148 for Connection

F.C. #1 Fd X in rock pr. pg. 148

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

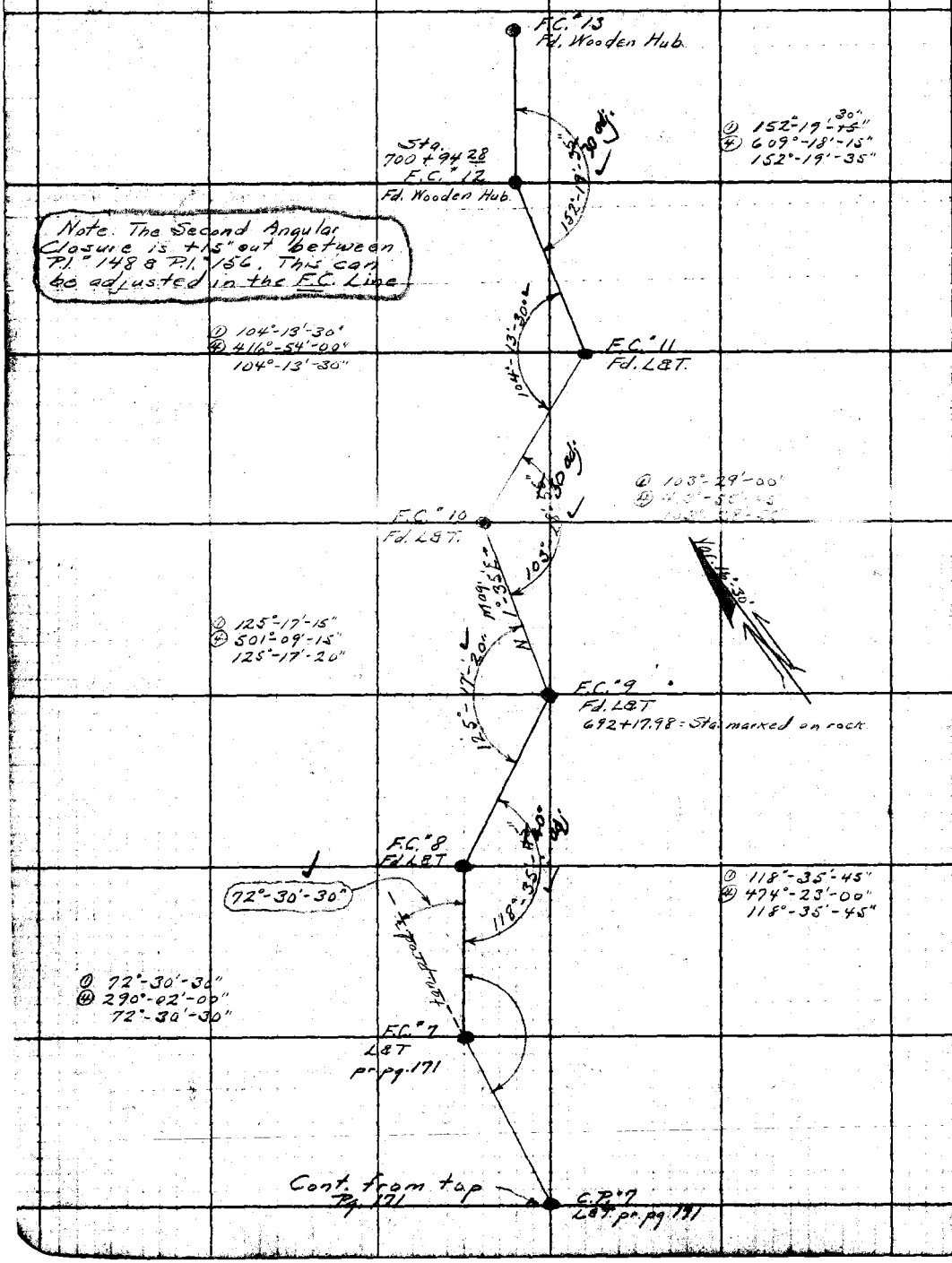
RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

F.B. 416 Pg. 172 Chief Party Notes by A.N.H. Date 5-20-31

Angular Closure Line.

Cont. on bottom Pg. 173



RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 5-20-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 173

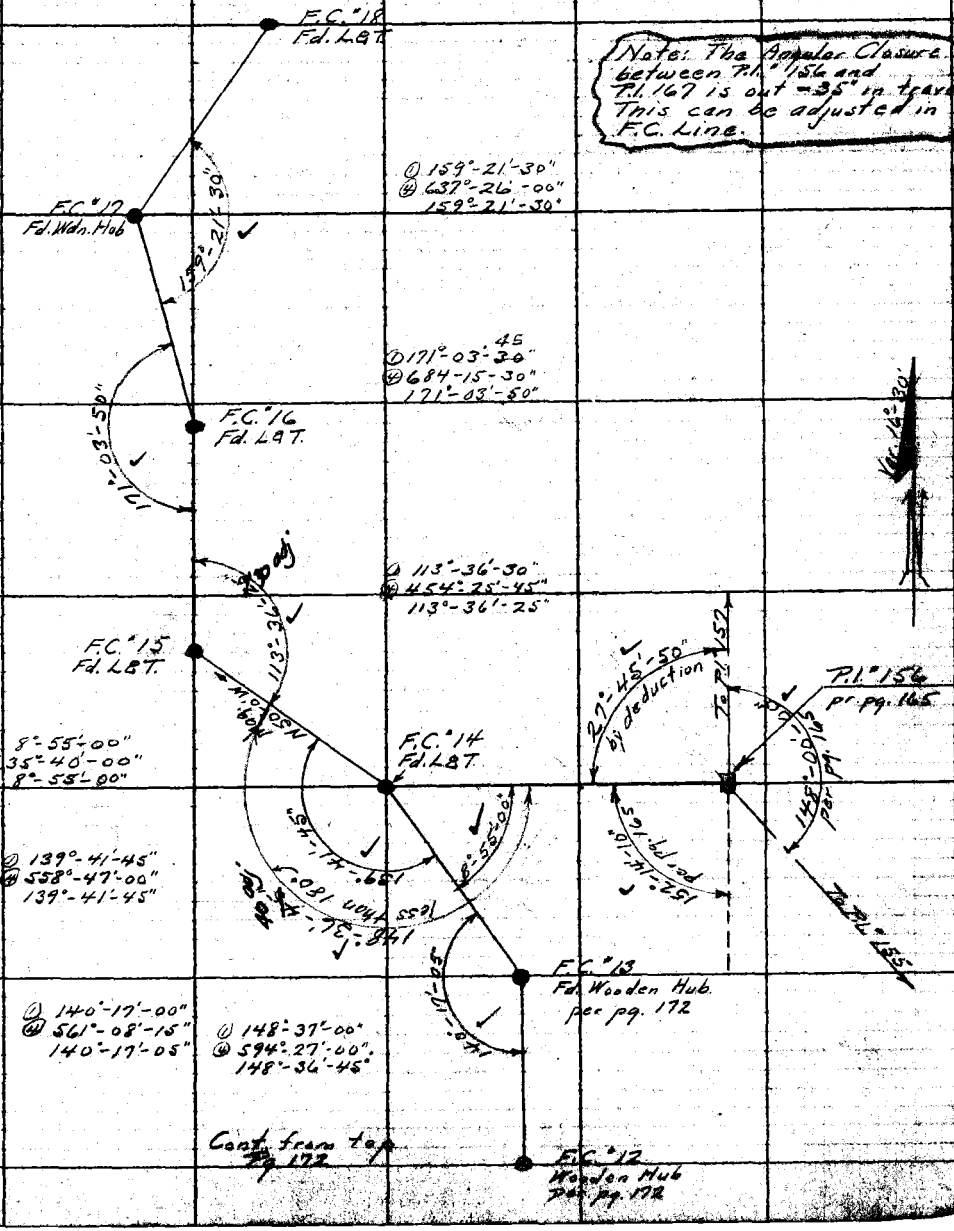
Platted by H.U.M.H.	W. O. No. 948 B. O. O. No.
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. B.471-3	Surveyed by A. N. HELLSTROM
Platting C'k'd by Drew	Date 5-20-31
Date NOV 24 1931	Adjusted A. C. Johnson

Hellstrom
Blanchard
McCarver
Morrison
Murray
Linden

Angular Closure Line.

Cont. on bottom Pg. 174

Note: The Angular Closure between P.I. #156 and P.I. 167 is out -35" in travers. This can be adjusted in F.C. Line.



F.C. #18 Fd. L&T.

① 159°-21'-30"
④ 637°-26'-00"
159°-21'-30"

F.C. #17 Fd. Wdn. Hub

159°-21'-30"

① 171°-03'-~~30~~ 45"
④ 684-15-30"
171°-03'-50"

F.C. #16 Fd. L&T.

171°-03'-50"

Var. 16°-30'

① 113°-36'-30"
④ 454°-25'-45"
113°-36'-25"

F.C. #15 Fd. L&T.

113°-36'-30" adj.

N 50°-0' W

F.C. #14 Fd. L&T.

27°-45'-50" by deduction

To P.I. #157

P.I. #156 pr pg. 165

148°-00'-00" per pg. 165

152°-14'-10" per pg. 165

To P.I. #155

① 8°-55'-00"
④ 35°-40'-00"
8°-55'-00"

8°-55'-00"

① 139°-41'-45"
④ 558°-47'-00"
139°-41'-45"

139°-41'-45"

less than 180°

148°-36'-45" adj.

F.C. #13 Fd. Wooden Hub. per pg. 172

140°-17'-05"

① 140°-17'-00"
④ 561°-08'-15"
140°-17'-05"

① 148°-37'-00"
④ 594°-27'-00"
148°-36'-45"

Cont. from top Pg. 172

F.C. #12 Wooden Hub per pg. 172

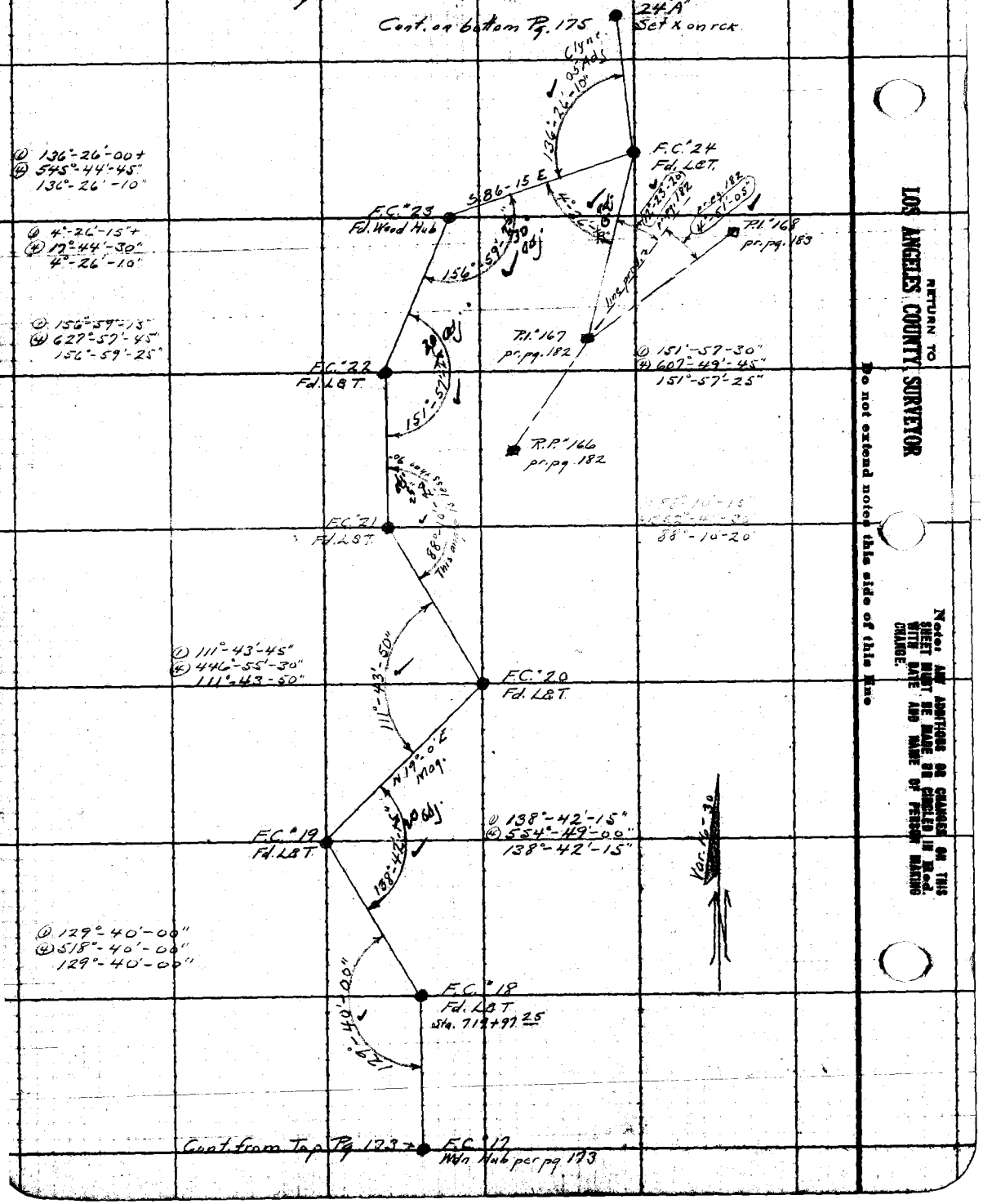
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED WITH DATE AND NAME OF PERSON MAKING CHANGE.

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

F.B. 416 Pg. 174 Chief Party Notes by B.N.N. (Memorial Day) Date 5-30-31

Angular Closure Line.



RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

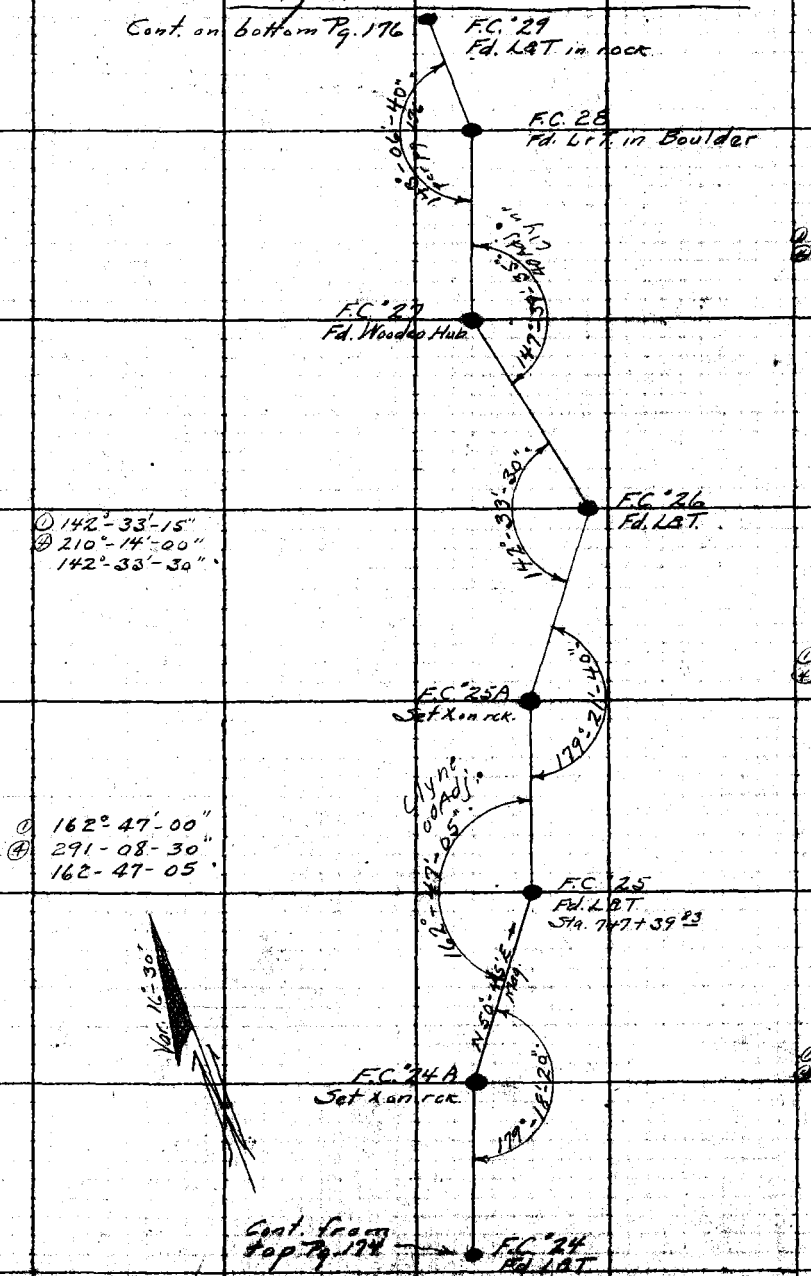
Notice: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 6-19-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 175

Platted by H.U.M.H.	W. O. No. 948 U. S. O. No.
Date NOV 21 1931	Location Camp Gonita-Frankie Forks Rd.
Map No. C.S.B. 471-3	Surveyed by A. N. HELLSTROM
Platting C'k'd by Drew	Date 6-19-31 A. C. Johnson
Date NOV 24 1931	Calculated 6-25-31

Hellstrom
Blanchard
Lind
Morrison
Murray
Linden

Angular Closure Line.



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

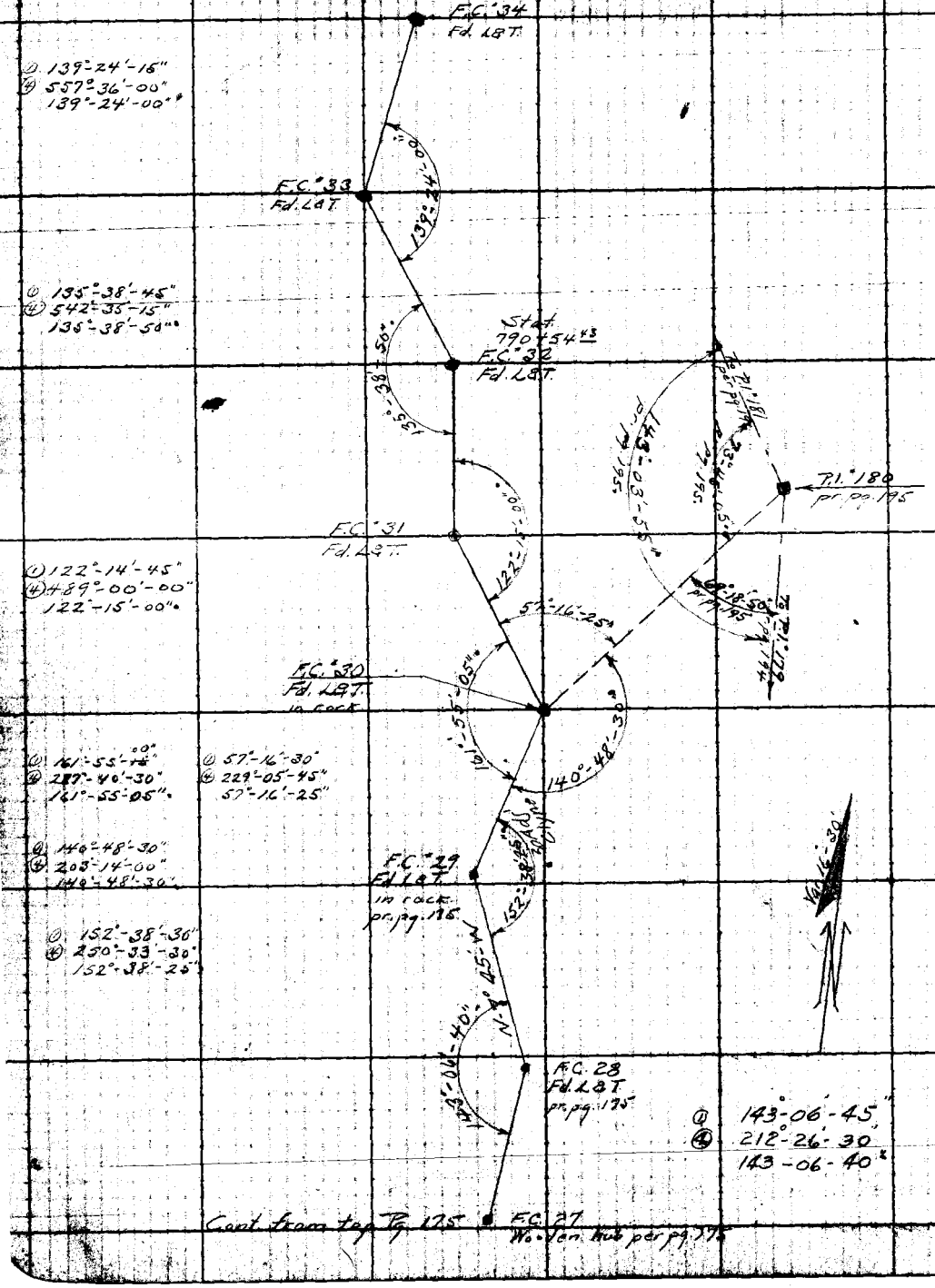
Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 176 Chief Party Noted by A.N.H. Date 7-18-31

Angular Closure Line.

Cont. on Bottom Pg. 209.



RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-29-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 177

Plotted by H.U.M.H.
Date NOV 21 1931
Map No. C.S.B. 471-3.
Plotting C'k'd by Drew
Date NOV 24 1931

W. O. No. 9348 Sheet No. 14
Location Camo Benito-Prairie Forks Rd.
Surveyed by A. N. HELLSTROM
Date 5-29-31
Notes Chas. Johnson

Mc Nutt
Blanchard
McCarver
Morrison
Murray
Linden

Cont. up bottom Pg. 178

① 110.91 @ 7-12-T86 = 110.03'
② 110.75 @ 6-27-T86 = 110.05'
F.T.D. = 110.04'

R.P. "162
Set L&T.

0.42'

R.P. "162
Set L&T

T.P.O.T. "162B

① 207.29 @ 0-0-T88 = 207.30
② 207.30 @ 0-45-T88 = 207.29
F.T.D. = 207.29

E.C. 455+78.58
Set C.S. 1162 (X) in rock

80.25

Δ = 29°-16'-15"
R = 200
T = 52.23
L = 102.17
E = 6.71

50.64 @ 18'-50-T86

47.90

P.I. "162
Set 2x2

150°-43'-45"

N 8°-0' W
1009

① 134.45 @ 5-09-T86 = 134.11
② 134.35 @ 5-29-T86 = 134.13
F.T.D. = 134.12

455+78.58

B.C. 455+78
Set 1x2

① 150°-43'-45"
② 602°-55'-00"
150°-43'-45"

P.O.T. "162A
Set 2x2

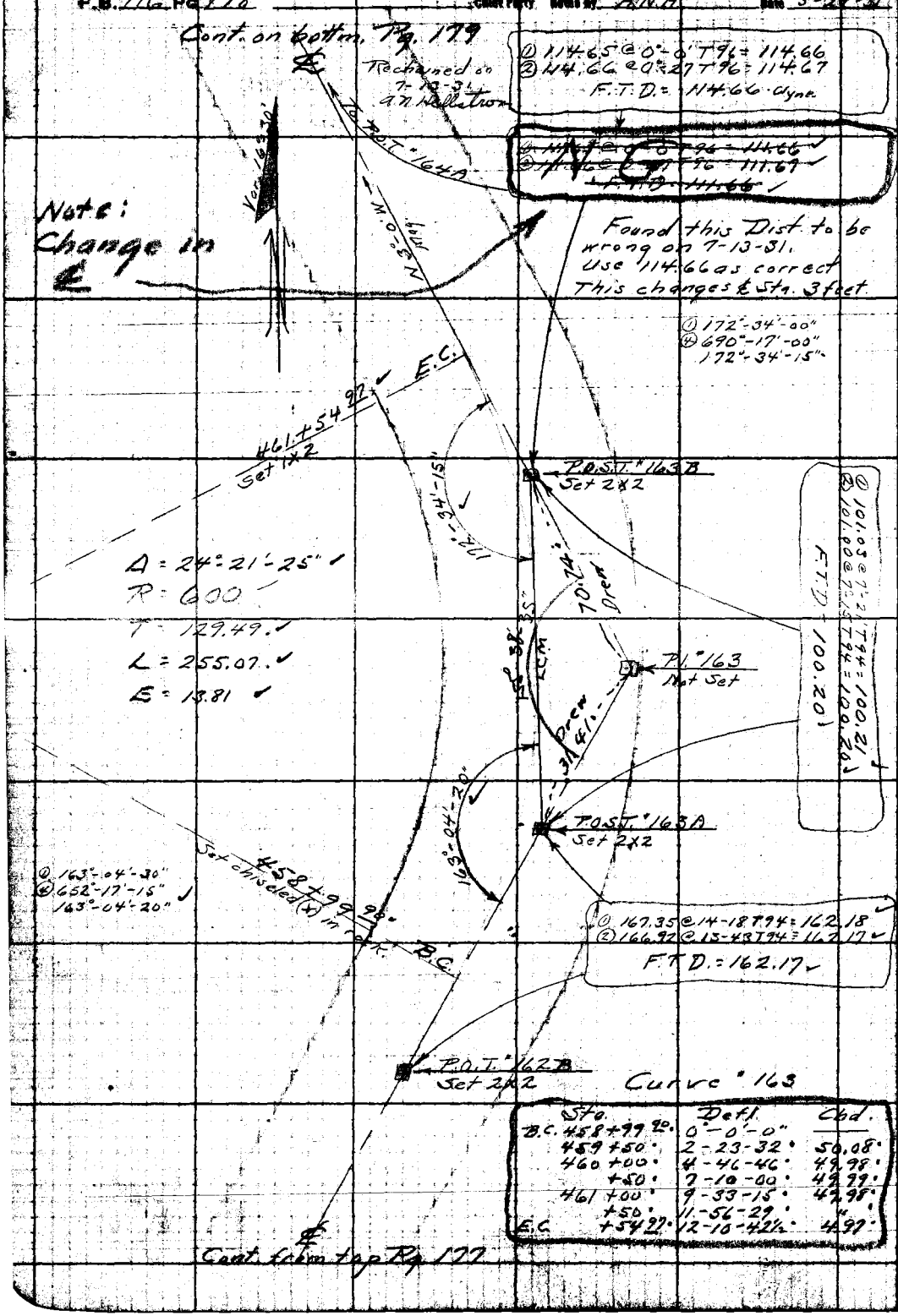
Curve "162

	Sta.	Defl.	Chd.
B.C.	455+78.58	0°-0'-0"	
	456+00	3-04-07	21.41
	+25	6-38-58	24.98
	+50	10-13-51	"
	+75	13-48-41	24.99
E.C.	+80.25	14-38-07½	5.75

Cont. from top Pg. 176

Note: ANY ALTERATION OR CHANGES ON THIS SHEET MUST BE MADE IN PENCIL IN RED WITH DATE AND NAME OF PERSON MAKING CHANGE.
Do not extend notes this side of this line.
RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 178 Chief Party Notes by A.N.H. Date 5-29-31



	Sta.	Defl.	Chd.
B.C.	458+99.90	0°-0'-0"	
	459+50	2-23-32	50.08
	460+00	4-46-46	49.98
	+50	7-10-00	49.99
	461+00	9-33-15	49.98
	+50	11-56-29	"
E.C.	+54.97	12-10-42½	4.97

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

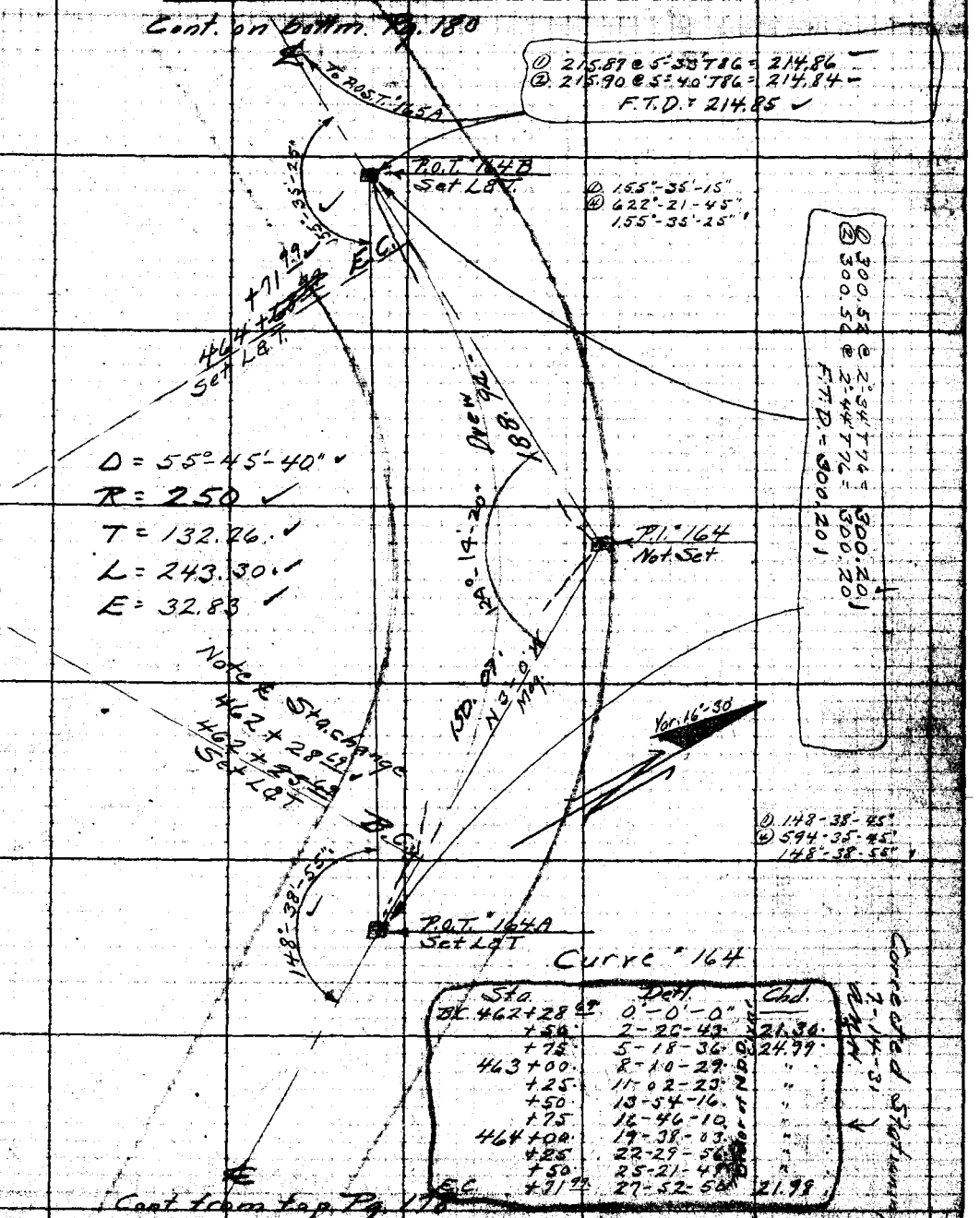
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-29-31 Notes by R.N.H. Chief Party F.B. 416 Pg. 179

Platted by H.U.M.H.	W. O. No. 948
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. CS.B.471-3	Surveyed by A. N. HELLSTROM
Platting C'k'd by Drew	Date 5-29-31
Date NOV 24 1931	Indexed A. C. Johnson

Hellstrom
Blanchard
Morrison
McCarver
Murray
Linden

Cont. on bottm. Pg. 180

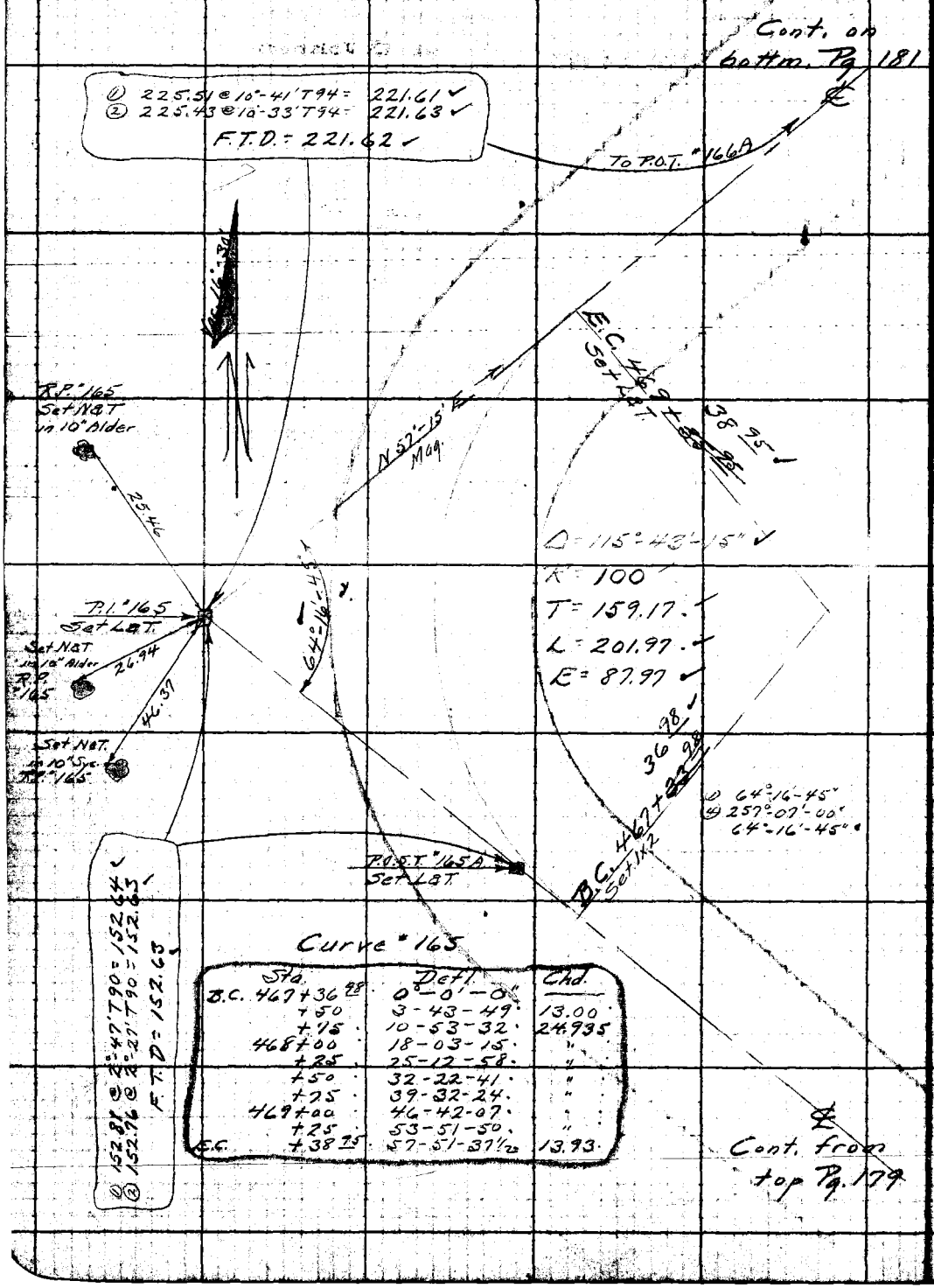


Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CONCLUDED IN RED WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 180 Chief Party Notes by A.N.H. (Decoration Day) Date 5-30-31



Curve #165

Sta.	Defl.	Chd.
B.C. 467+36.98	0°-0'-0"	
+50	3-43-49	13.00
+75	10-53-32	24.935
468+00	18-03-15	"
+25	25-12-58	"
+50	32-22-41	"
+75	39-32-24	"
469+00	46-42-07	"
+25	53-51-50	"
E.C. +38.95	57-51-37½	13.93

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Holiday

Date 5-30-31 Noted by A.N.H. Other Party F.B. 416 Pg. 181

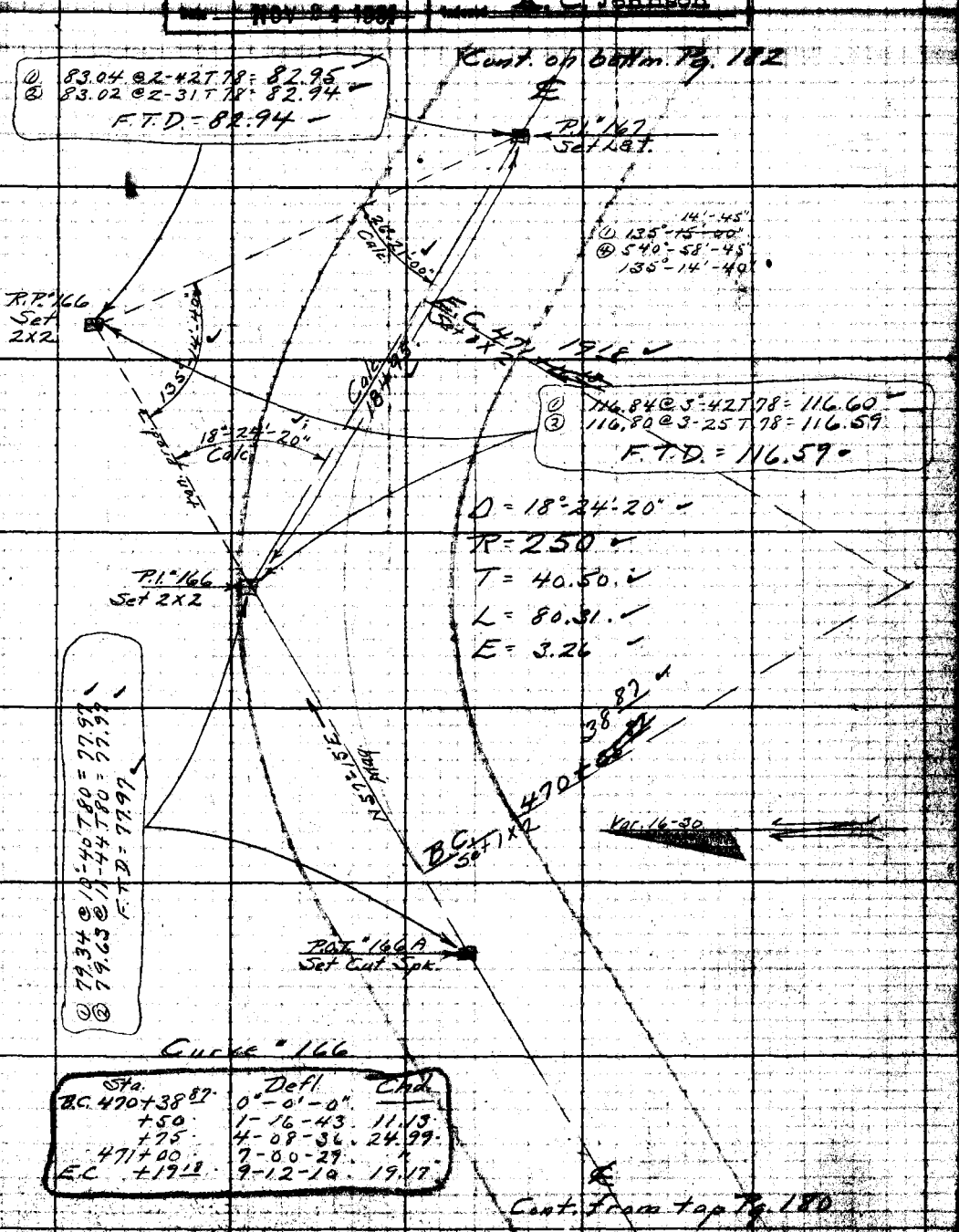
Platted by H.O.M.H.	W. O. No. 948
Date NOV 21 1931	Location Camp Benito-Prairie Forks Rd.
Map No. CSB 171-3	Surveyed by A. N. HELLSTROM
Platting Ck'd by DCW	Date 5-30-31
Date ~~NOV 24 1931~~	Notebook A. C. Johnson

Hellstrom
Blanchard
McCarver
Morrison
Murray
Linden

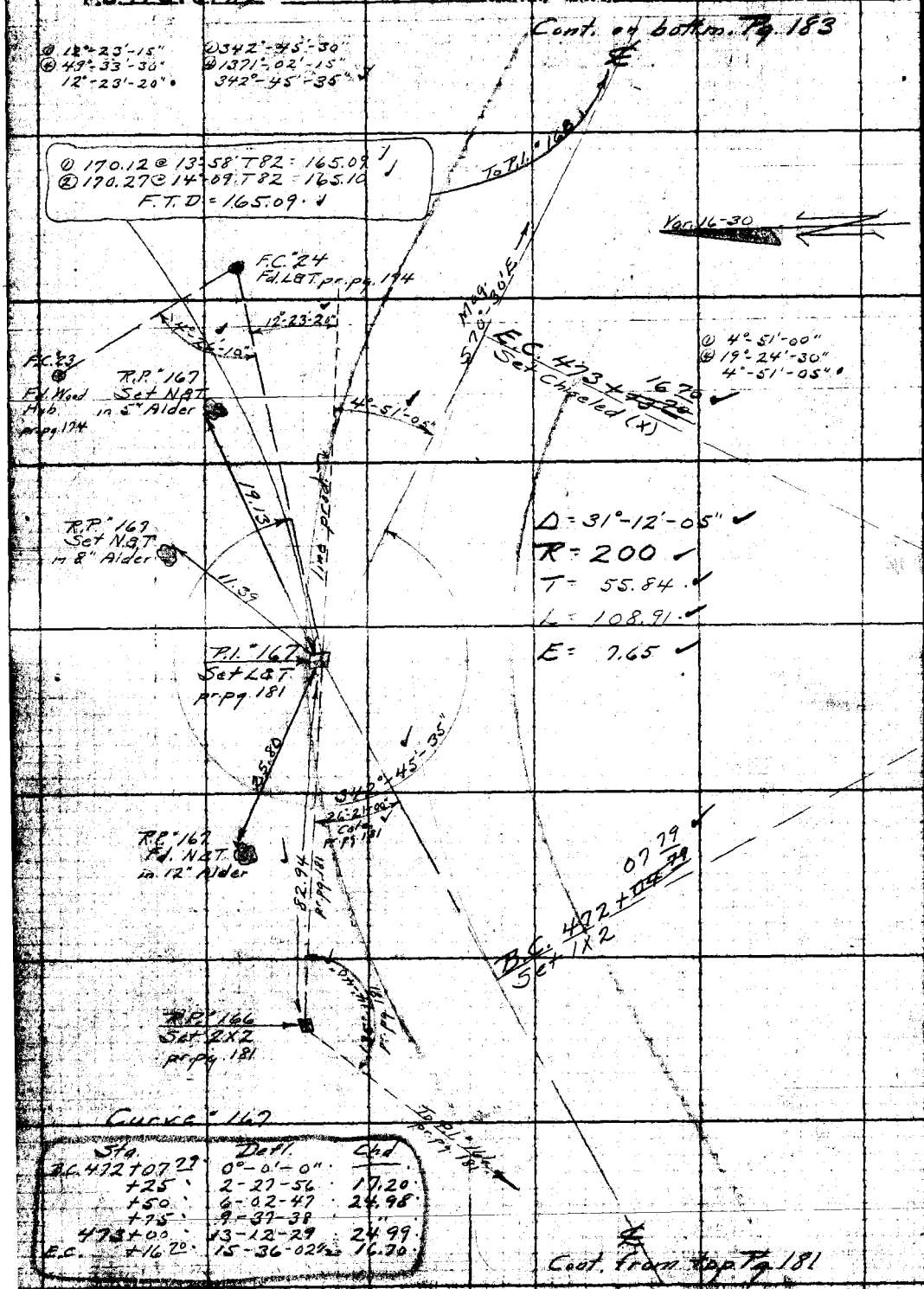
Notice: ANY ALTERATIONS OR CHANGES ON THIS SHEET MUST BE MADE BY OR CHECKED BY R.E. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend noted this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR



P.B. 416 Pg. 182 Chief Party Notes by A.N.H. Date 5-31-30



Sta.	Defl.	Chd
B.C. 472 + 07.79	0°-0'-0"	
+25	2-27-56	17.20
+50	6-02-47	24.98
+75	9-37-38	"
473 + 00	13-12-29	24.99
E.C. + 16.70	15-36-02½	16.70

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

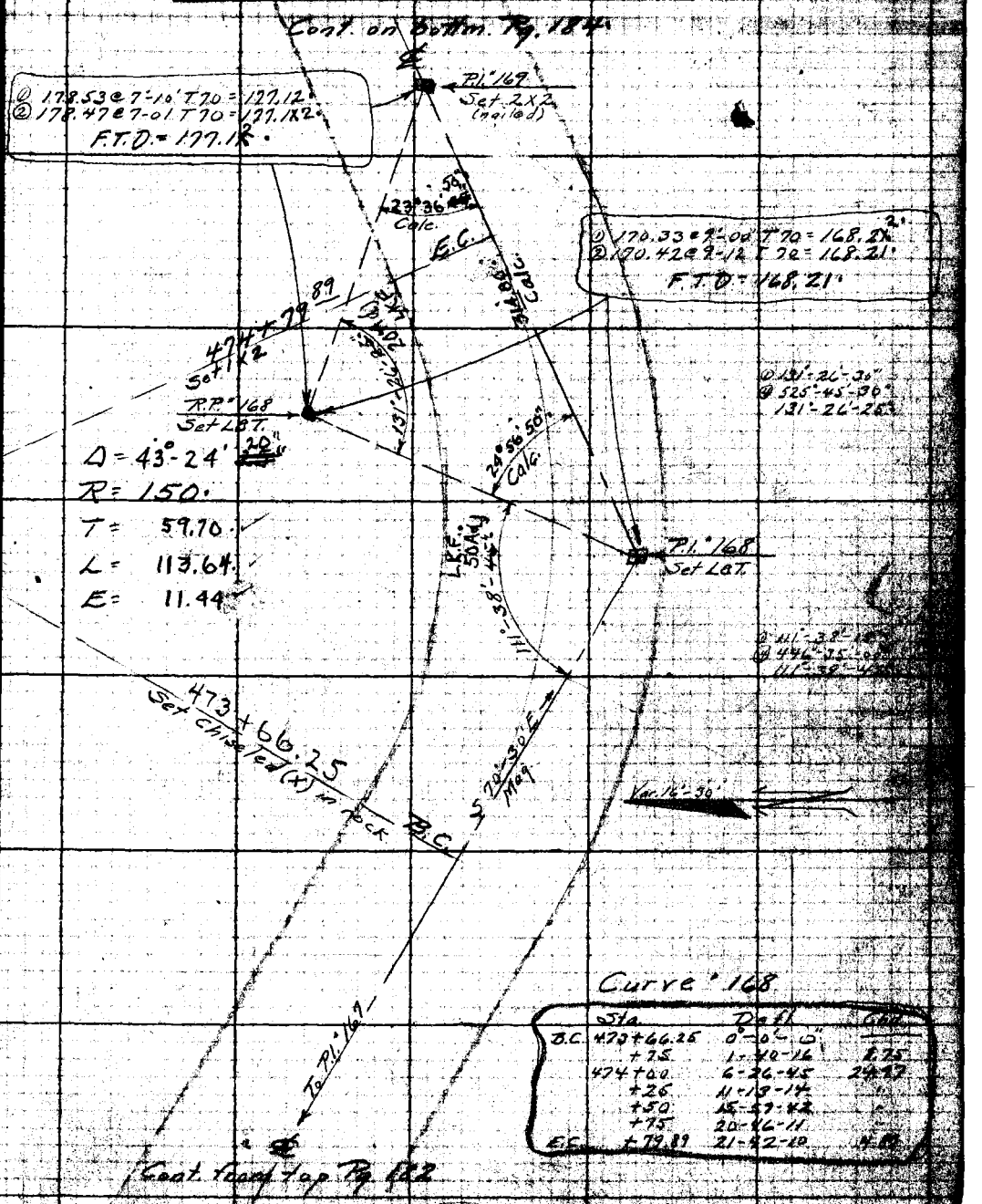
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHECKED IN RED. WHEN DATE AND NAME OF PERSON MAKING CHANGE.

Date 6-10-31 Notes by A.N.H. Initial Party F.B. 416 Pg. 183

Normal Tape 84°

Plotted by H.U.M.H.	W. O. No. 948 C.O.C. No. 14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. CSB 1171-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Drew	Date 6-10-31
Date NOV 21 1931	Indexed A. C. Johnson 6-28-31

Blanchard
McCarver
Morrison
Murray
Linden



Curve 168

	Sta.	Defl.	Chd.
B.C.	473+66.25	0°-0'-0"	
	+75	1-40-16	8.75
	474+00	6-26-45	24.97
	+25	11-13-14	
	+50	15-59-42	
	+75	20-46-11	
E.C.	+79.89	21-42-10	4.89

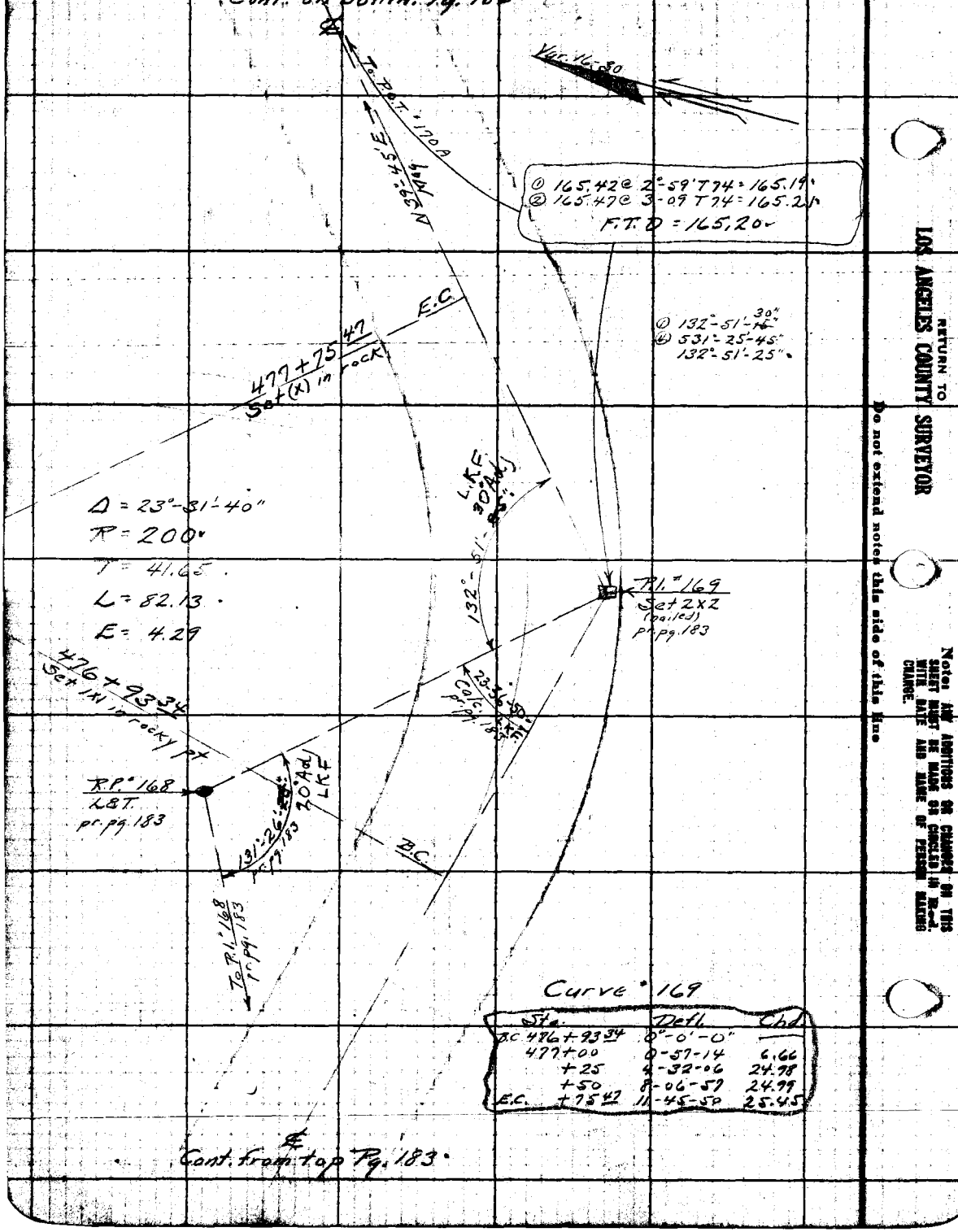
Note: ANY ALTERATIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CANCELED IN RED. WITH DATE AND NAME OF PERSON MAKING CHANGE.

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

P.B. 416 Pg. 184 Chief Party Notes by A.N.N. Date 6-10-31

Cont. on bottom. Pg. 185.



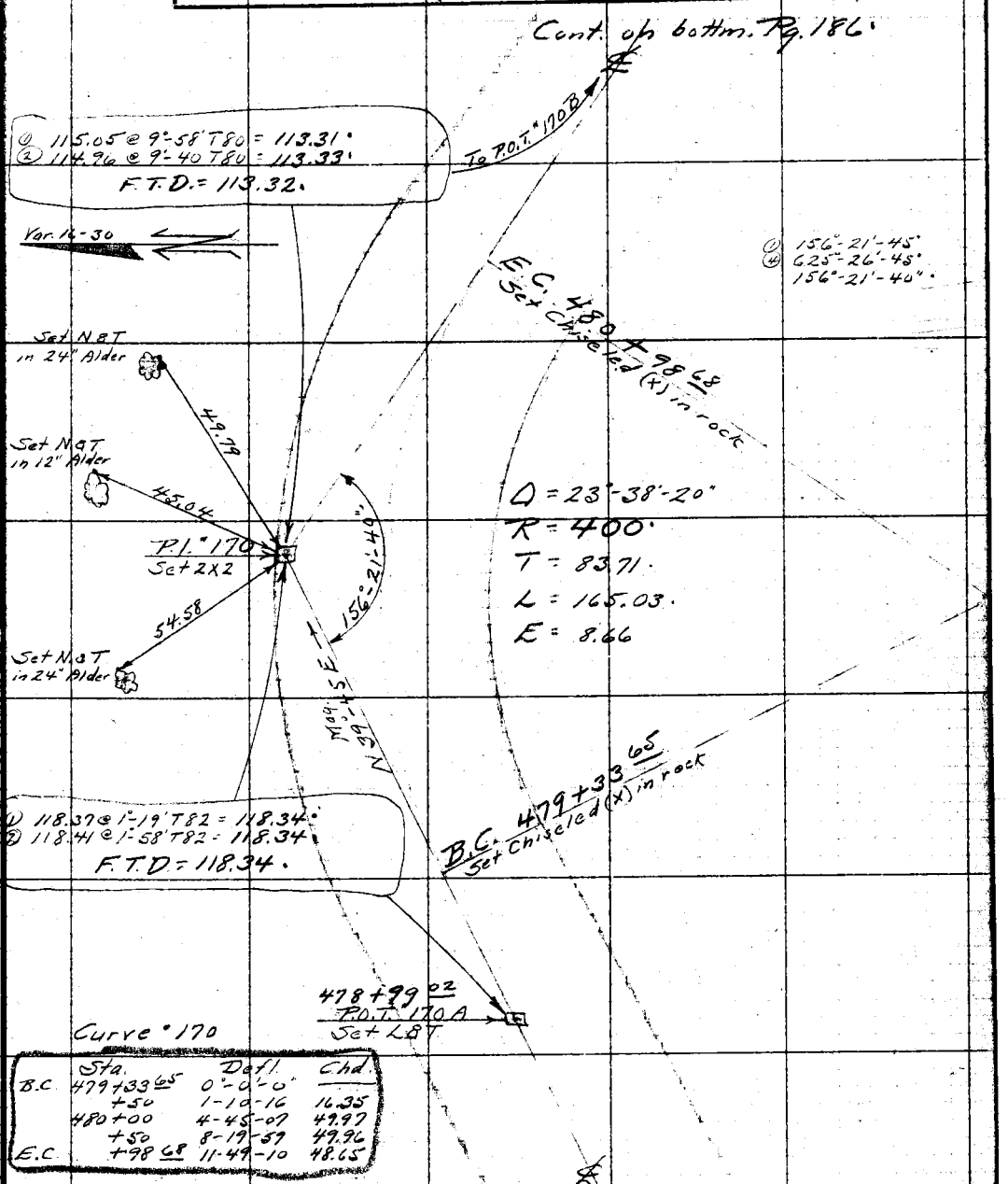
RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 6-10-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 185

Platted by H. U. M. H.	W. O. No. 948 Page 14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. C.S.B. 471-3	Surveyed by A. N. HELLSTROM
Platting C'k'd by Drew	Date 6-10-31
Date NOV 24 1931	Indexed A. C. Johnson



	Sta.	Defl.	Chd.
B.C.	479+33.65	0°-0'-0"	
	+50	1-10-16	16.35
	480+00	4-45-07	49.97
	+50	8-19-59	49.96
E.C.	+98.68	11-49-10	48.65

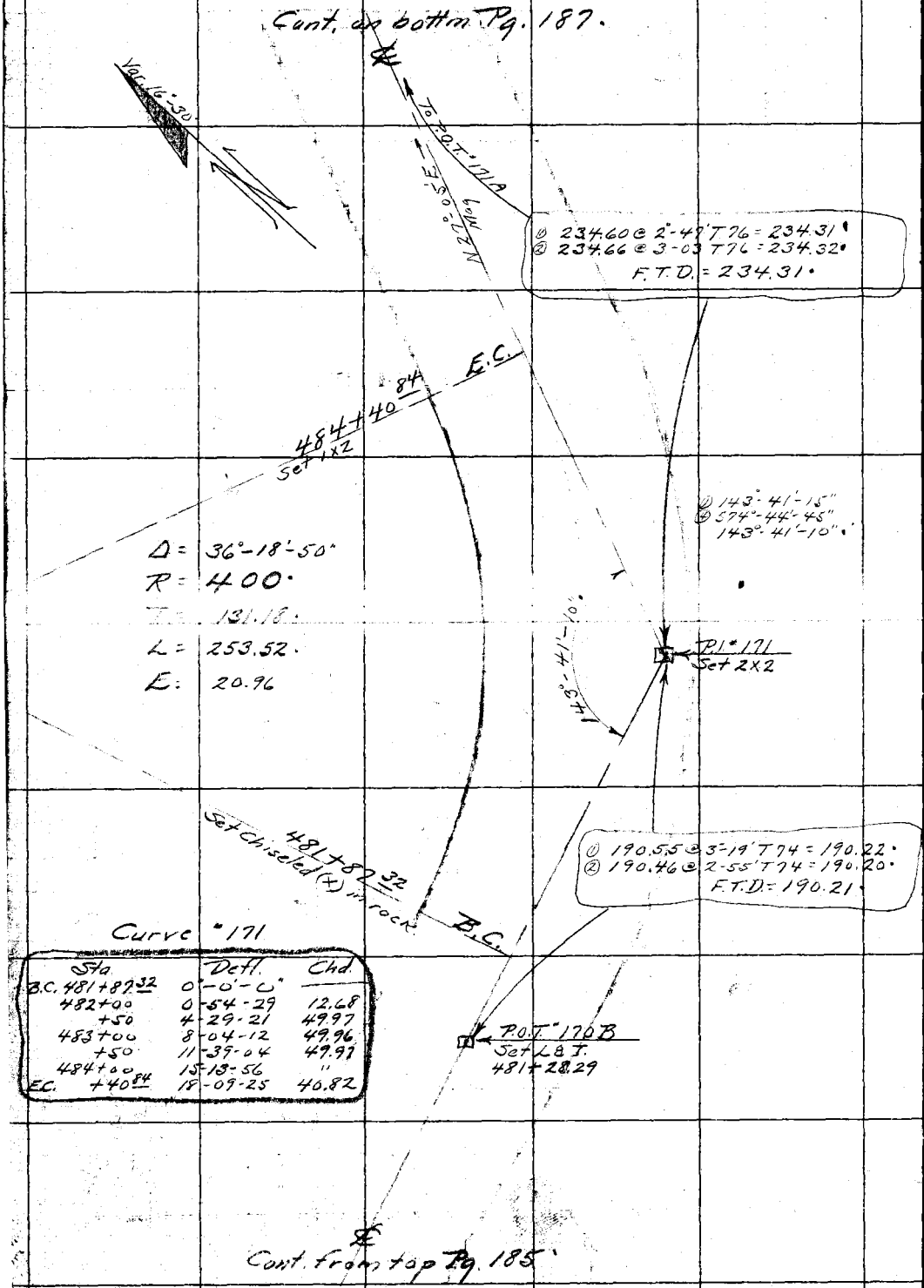
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 186 Chief Party Notes by A.N.H. Date 6-10-31

Cont. on bottm Pg. 187.



Curve #171

Sta.	Defl.	Chd.
B.C. 481+87.32	0°-0'-0"	
482+00	0-54-29	12.68
+50	4-29-21	49.97
483+00	8-04-12	49.96
+50	11-39-04	49.97
484+00	15-13-56	"
E.C. +40.84	18-09-25	40.82

Cont. from top Pg. 185

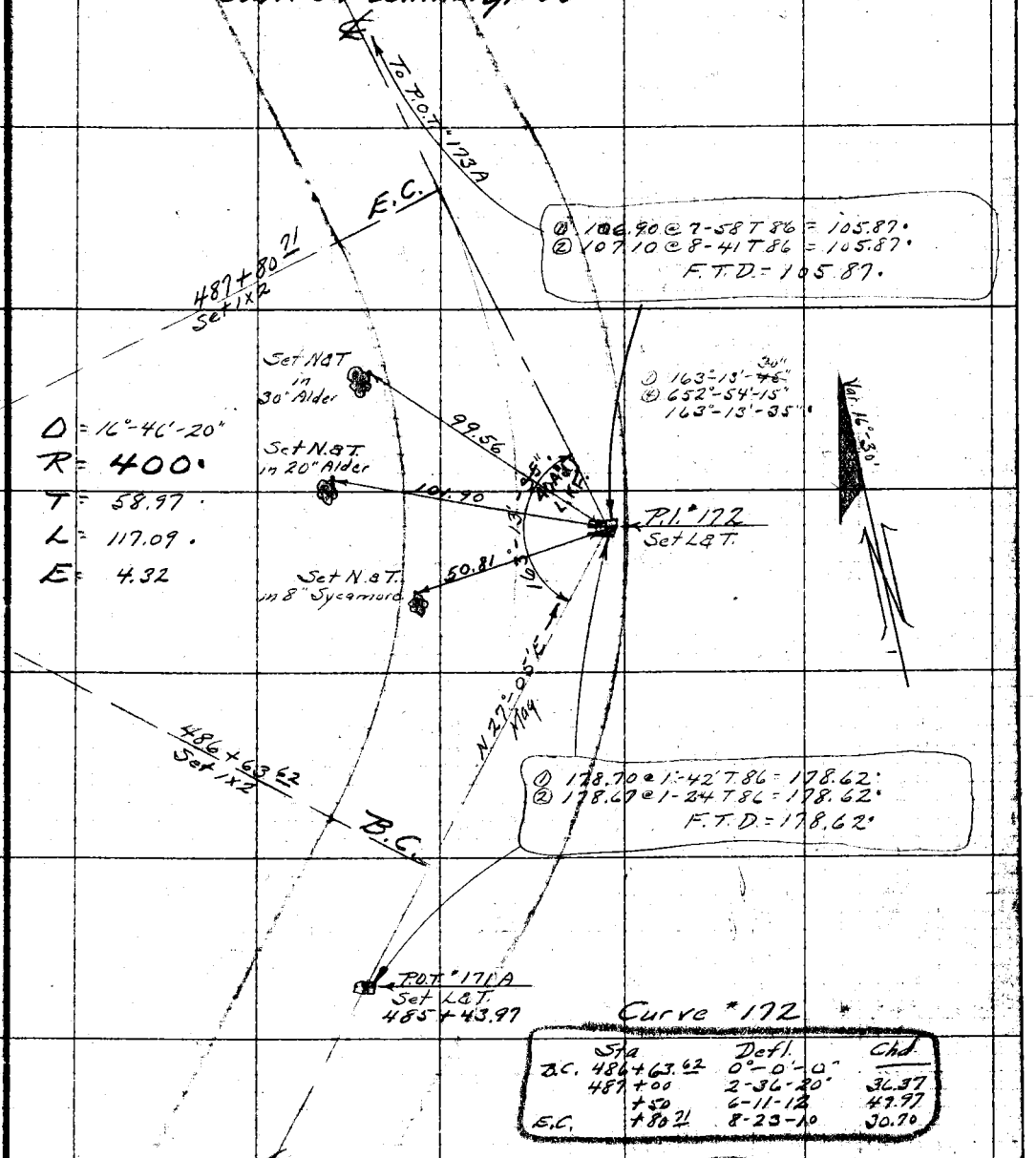
RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 6-11-31 Notes by A.N.H. Chief Party _____ F.B. 416 Pg. 187

Planted by H.U.M.H.	W.O. No. 948 [redacted] 14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. CS.B.471-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Drew	Date 6-11-31
Date ~~NOV 24 1931~~	Indexed A. C. Johnson

Hellstrom
McCarver
Morrison
Murray
Linden

Cont. on bottom Pg. 188.



Curve 172

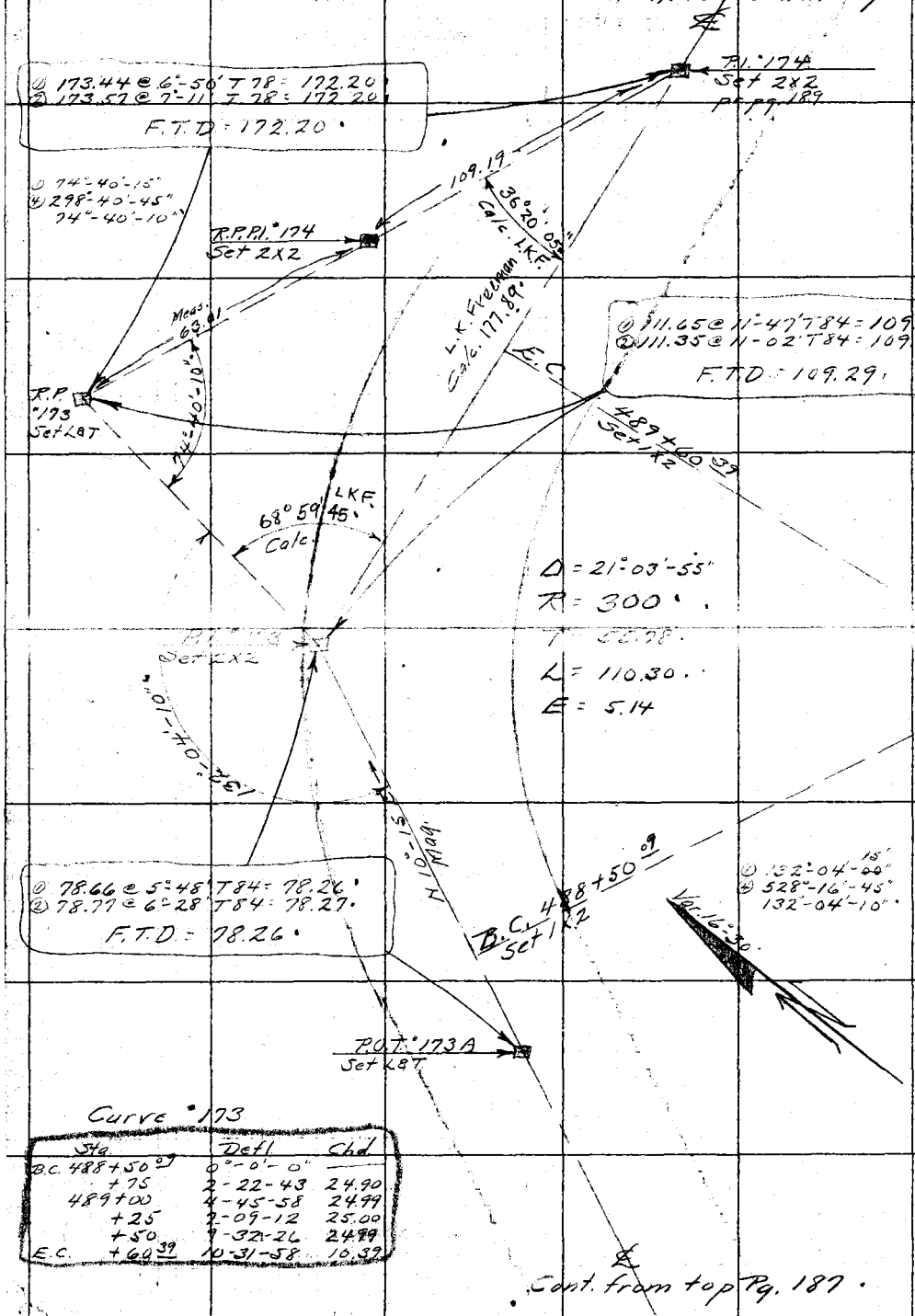
Sta	Defl.	Chd.
B.C. 486+63.62	0°-0'-0"	
487+00	2-36-20	36.37
+50	6-11-12	49.97
E.C. +80.71	8-23-10	30.70

Cont. from top Pg. 186.

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red: WITH DATE AND NAME OF PERSON MAKING CHANGE.
Do not extend notes this side of this line
RETURN TO LOS ANGELES COUNTY SURVEYOR

F. B. 416 Pg. 188 Chief Party Notes by A.N.H Date 6-11-31

Cont. on bottom Pg. 189.



Curve 173

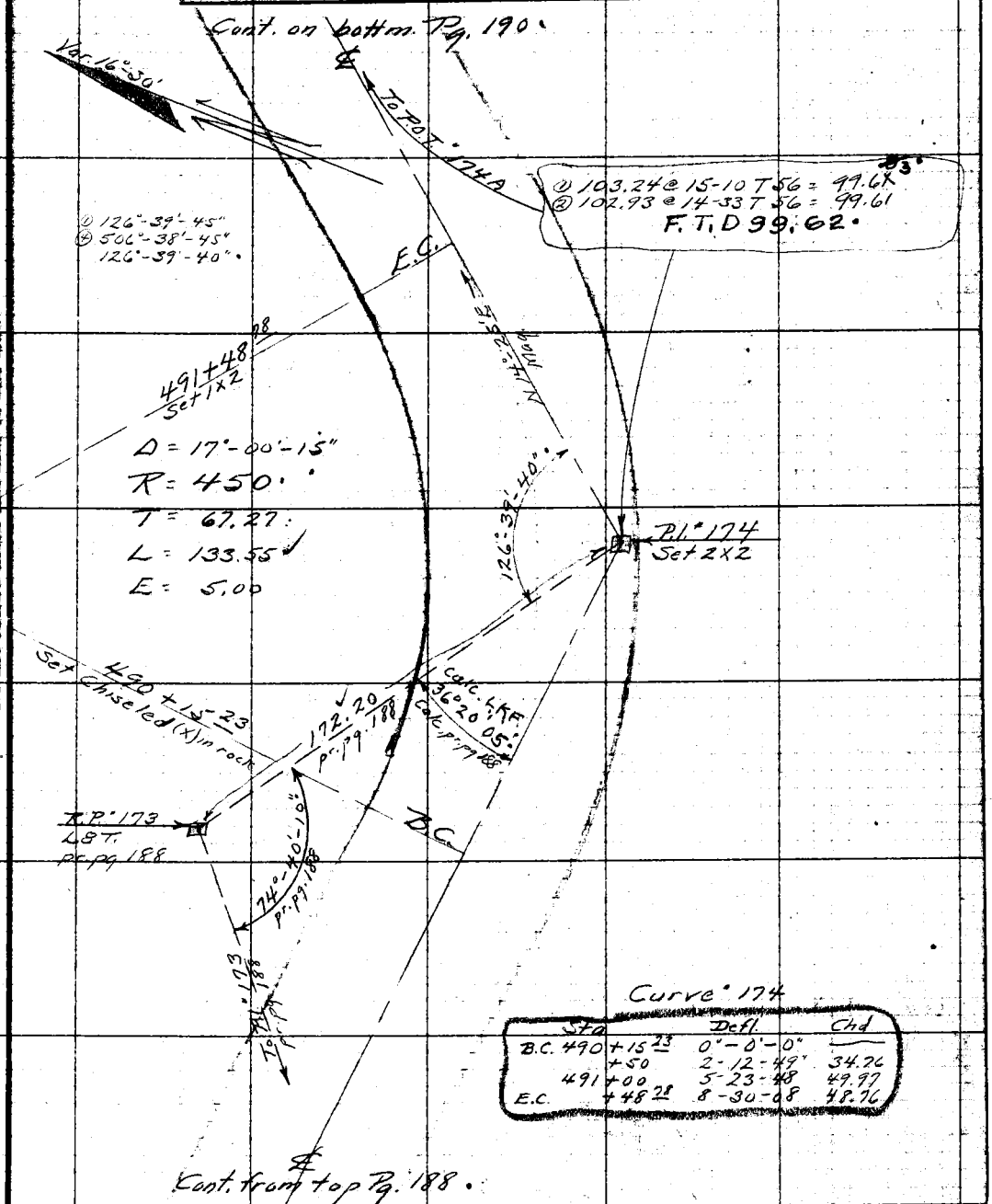
Sta	Defl	Chd
B.C. 488+50.09	0°-0'-0"	—
+75	2-22-43	24.90
489+00	4-45-58	24.99
+25	7-09-12	25.00
+50	9-32-26	24.99
E.C. +60.39	10-31-58	10.39

Cont. from top Pg. 187.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 6-15-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 189

Planted by H.U.M.H.	W.O. No. 948 [illegible] 14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. C.S.B. 471-3.	Surveyed by A. N. HELLSTROM
Platting C'k'd by [illegible]	Date 6-15-31
Date NOV 24 1931	Indexed A. C. Johnson



Curve 174

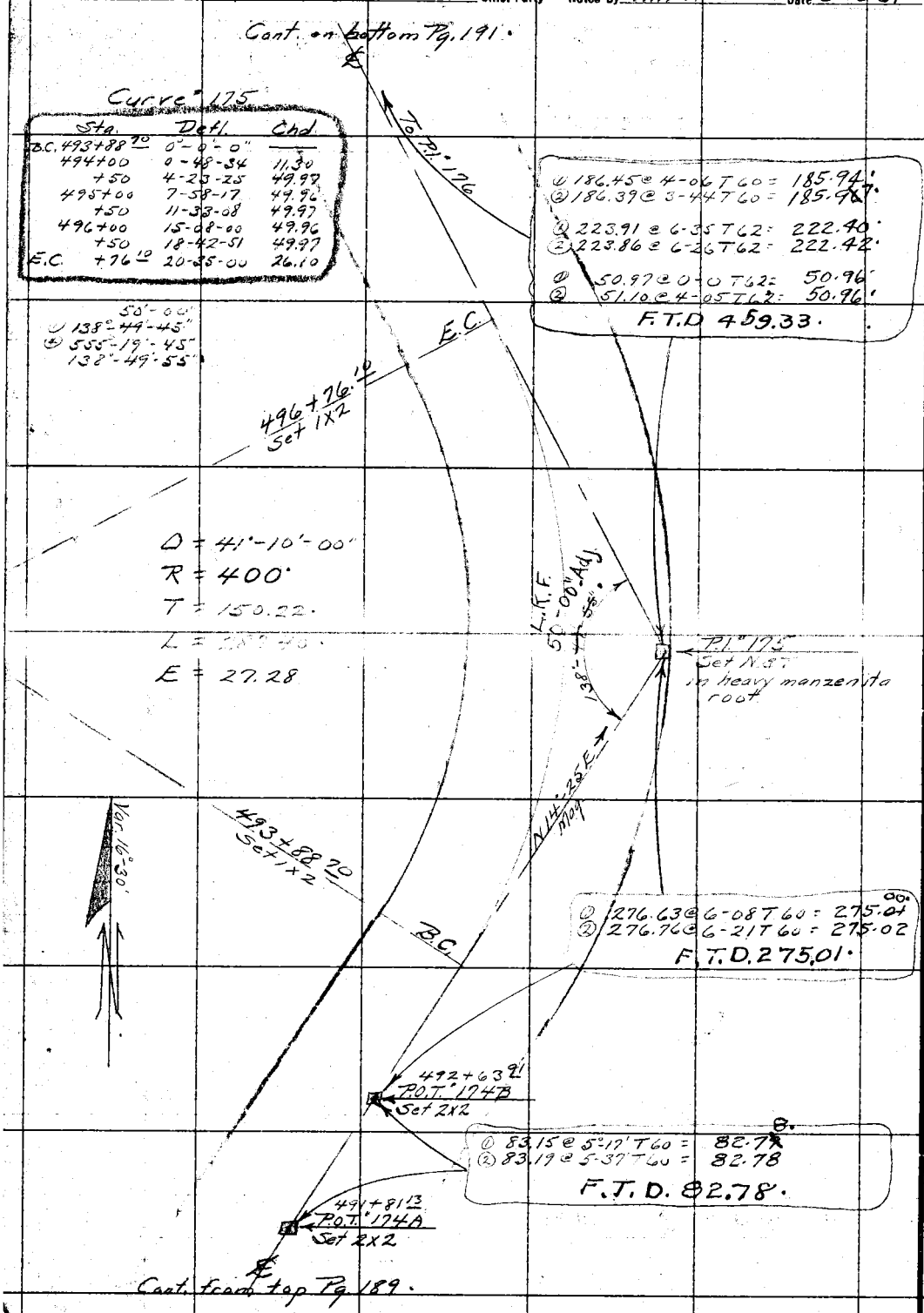
Sta		Defl.	Chd
B.C. 490	+15.23	0°-0'-0"	
	+50	2-12-49"	34.76
491	+00	5-23-48	49.97
E.C.	+48.78	8-30-08	48.76

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

Do not extend notes this side of this line.

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 190 Chief Party Notes by A.N.H. Date 6-16-31



RETURN TO
LOS ANGELES COUNTY SURVEYOR

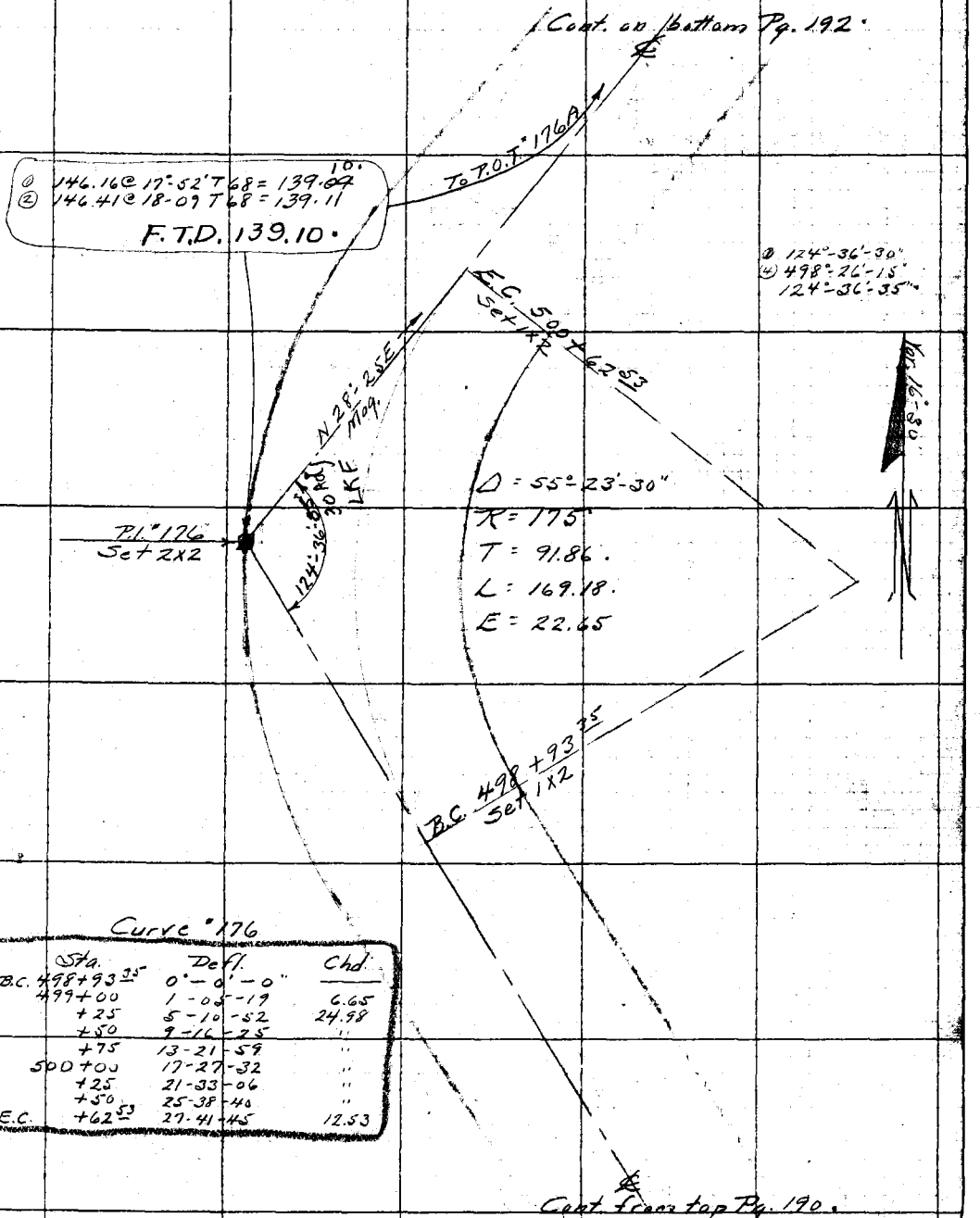
Do not extend notes this side of this line

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

Date 6-16-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 191

Plotted by H.U.M.H.	W.O. No. 948 1809 #14
Date NOV 21 1931	Location Camp Benite-Prairie Forks Rd.
Map No. CS.B.471-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Drew	Date 6-16-31
Date NOV 24 1931	Indexed A. C. Johnson

Cont. on bottom Pg. 192.



Curve #176

Sta.	Defl.	Chd.
B.C. 498+93.35	0°-0'-0"	
499+00	1-05-19	6.65
+25	5-10-52	24.98
+50	9-16-25	"
+75	13-21-59	"
500+00	17-27-32	"
+25	21-33-06	"
+50	25-38-40	"
E.C. +62.53	27-41-45	12.53

Cont. from top Pg. 190.

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 192 Chief Party Notes by A.N.H. Date 6-16-31

Cont. on bottom Pg. 193.

① 156.79 @ 0°-54' T82 = 156.77.
② 156.76 @ 0°-00' T82 = 156.76 X6

① 174.74 @ 4°-25' T84 = 174.22.
② 174.91 @ 5°-02' T84 = 174.284.

F.T.D 331.00.

To P.O.S.T. 178A

① 48.22 @ 5°-31' T56 = 48.98.
② 48.30 @ 6°-26' T56 = 48.98.

F.T.D 48.98.

① 187.96 @ 1°-39' T76 = 187.87.
② 188.01 @ 1-58' T76 = 187.89.

F.T.D. 187.88.

E.C.

P.O.S.T. 177B
Set 2X2

14.4

508+ Set 1X2

① 135°-45'-30"
② 543°-18'-45"
135°-48'-25"

R.P. 177
Set
N&T. in
Oak root

35.51

R.P. 177
Set 2X2

Δ = 44°-11'-30"
R = 600.
T = 242.58.
L = 462.77.
E = 47.56

LKF
30 Ash

Tax prod.

P.I. 177
Set 2X2

135°-45'

43.39

Tax prod.

R.P. 177
Set 2X2

① 72.14 @ 6°-34' T60 = 72.47.
② 72.14 @ 7-40 T60 = 72.47.

F.T.D. 72.47.

① 109.15 @ 0°-44' T70 = 109.13.
② 109.14 @ 0°-00' T70 = 109.13.

F.T.D. 109.13.

N28°-25'E
Mag

P.O.S.T. 177A
Set 2X2

503+51.42 Set 1X2 B.C.

R.P. 177
Set 2X2

Var. 16-30

① 158.35 @ 4-58 T72 = 157.75
② 158.43 @ 5-18 T72 = 157.74.

① 221.43 @ 9°-33 T72 = 218.34
② 221.54 @ 9-41 T72 = 218.39.

F.T.D 376.10.

Curve #177

Sta.	Defl.	Chd.
B.C. 503+51.42	0°-0'-0"	
504+00	2-19-10"	48.57
+50	4-42-25"	49.98
505+00	7-05-39"	"
+50	9-29-54"	"
506+00	11-52-08"	"
+50	14-15-22	"
507+00	16-38-37	"
+50	19-01-51	"
508+00	21-25-06	"
E.C. +14.19	22-05-45	14.19

501+09.22
P.O.T. 176A
Set Cut Spk.

Cont. from top Pg. 191.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red WITH DATE AND NAME OF PERSON MAKING CHANGE.

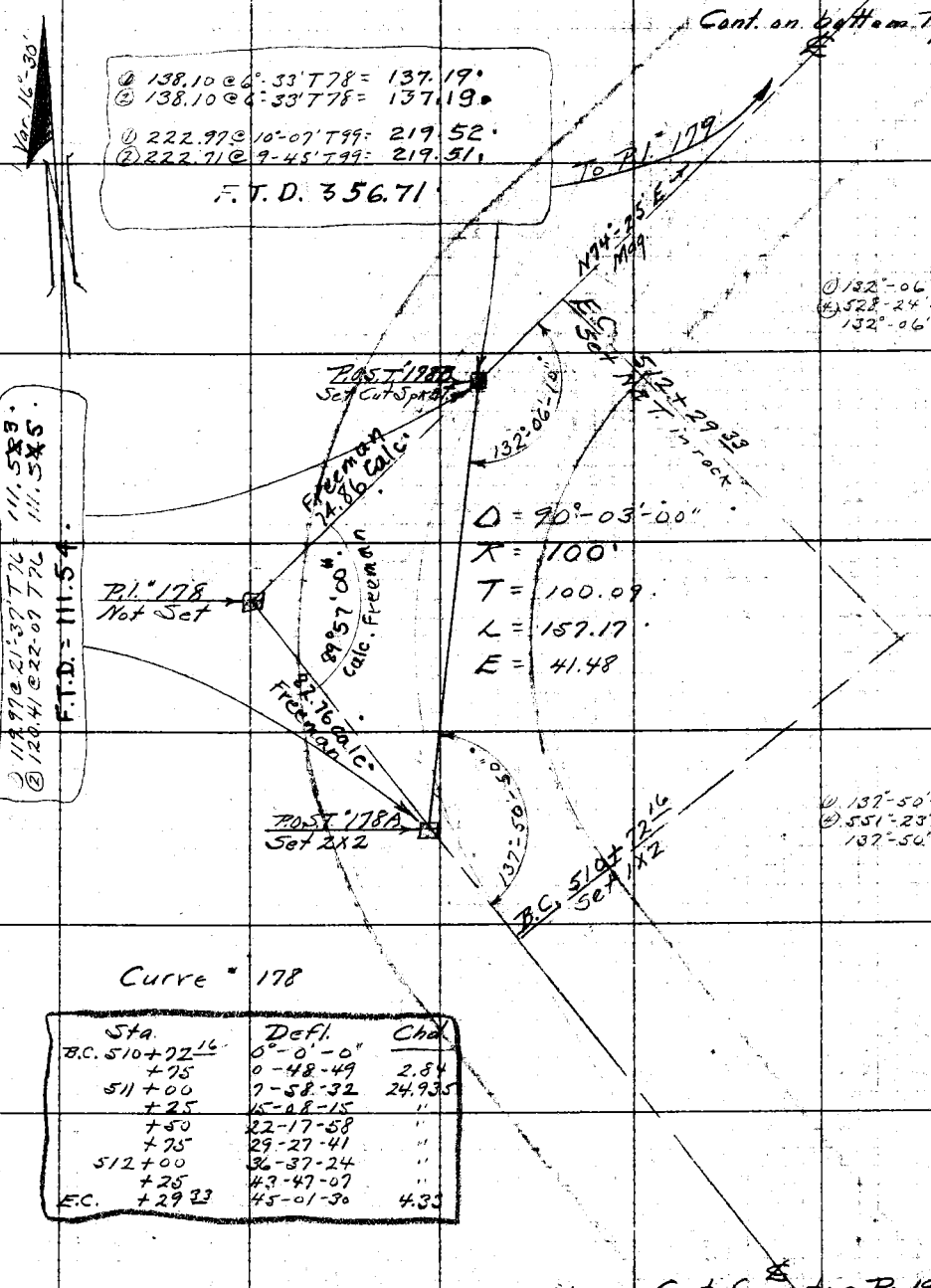
Date 6-17-31 Notes by A.N.H. Chief Party _____ F.B. 416 Pg. 193

Plotted by H.U.M.H.	W.O. No. 948 [redacted] 14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. C.S.B. 471-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Drew	Date 6-17-31
Date ~~NOV 21 1931~~	Indexed A. C. Johnson

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

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

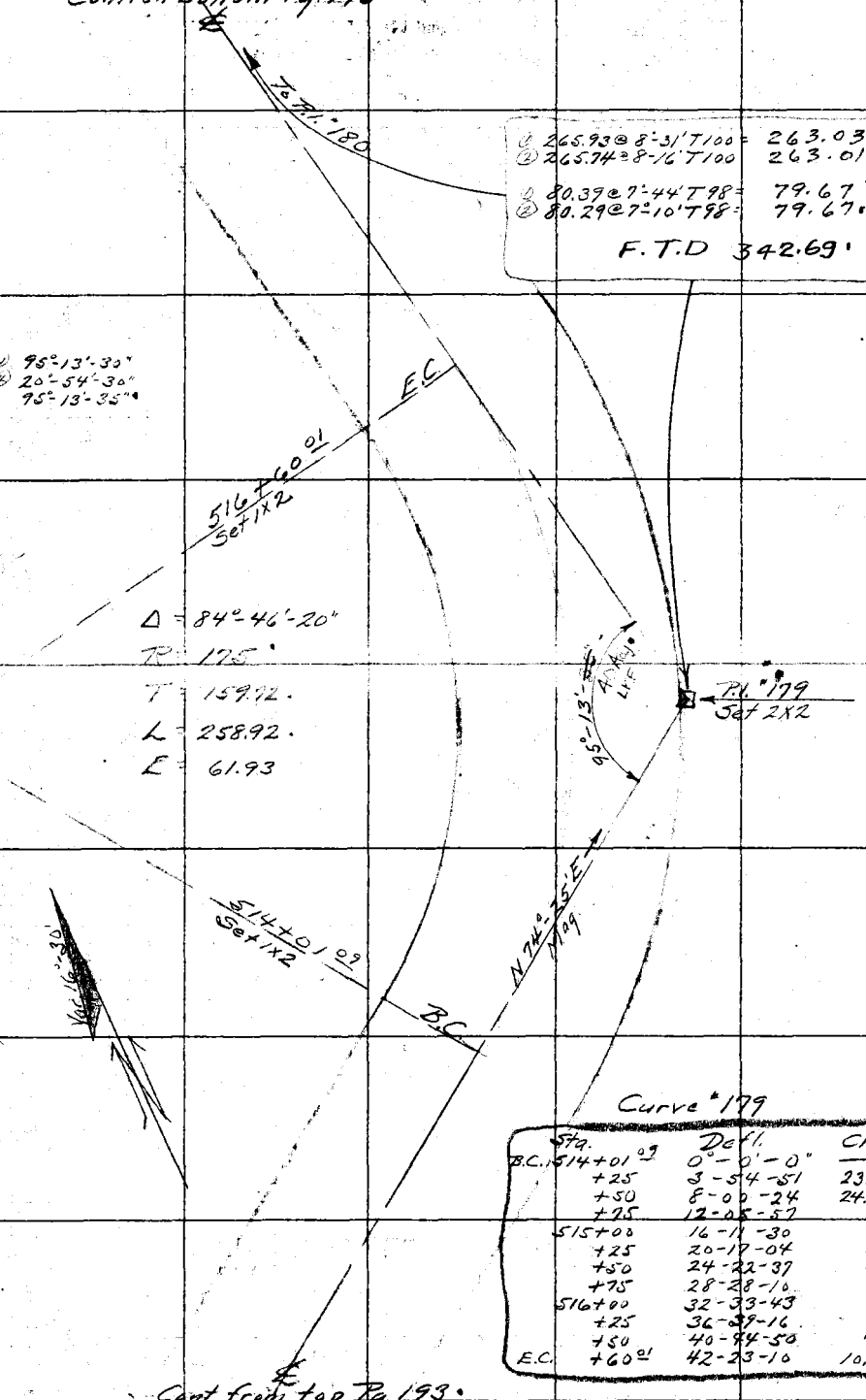


Curve # 178

Sta.	Defl.	Chd.
B.C. 510+72.16	0°-0'-0"	
+75	0-48-49	2.84
511+00	7-58-32	24.935
+25	15-08-15	"
+50	22-17-58	"
+75	29-27-41	"
512+00	36-37-24	"
+25	43-47-07	"
E.C. +29.33	45-01-30	4.33

F.B. 416 Pg. 194 Chief Party Notes by A.N.H Date 6-17-31

Cont. on bottom Pg. 195.



Sta.	Defl.	Chd.
B.C. 514+01.09	0°-0'-0"	
+25	3-54-51	23.89
+50	8-00-24	24.98
+75	12-05-57	"
515+00	16-11-30	"
+25	20-17-04	"
+50	24-22-37	"
+75	28-28-10	"
516+00	32-33-43	"
+25	36-39-16	"
+50	40-44-50	"
E.C. +60.01	42-23-10	10.01

Cont from top Pg. 193.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 6-17-31 Notes by A.N.H. Chief Party F.B. 416 PG. 195

Plotted by H.U.M.H.	W. O. No. 948 ~~Work Order No.~~ 742c "14
Date NOV 21 1931	Location Camp Benita-Prairie Forks Rd.
Map No. CS B471-3.	Surveyed by A. N. HELLSTROM
Plotting Ck'd by Drew	Date 6-19-31
Date ~~NOV 24 1931~~	Indexed A. C. Johnson

Hellstrom
Blanchard
Lind
Morrison
Linden
Murray

Cont. on bottom Pg. 196

To P.O.T. "180 A

N 34°-27' W
N 19

① 221.77 @ 3°-54' T98 = 221.28
② 221.80 @ 4°-00 T98 = 221.28
F.T.D. = 221.28

① 80.70 @ 34°-07 T98 = 66.82
② 81.15 @ 34°-34' T98 = 66.83
F.T.D. = 66.82

R.P.P.I. "180
Set 2 X 2's.

E.C.

① 73°-45'-00"
⊕ 295°-00'-15"
73°-45'-05"

① 143°-04'-00"
⊕ 572°-15'-45"
143°-03'-55"

519+20.65
Set Chiseled (x) in rock

F.C. "31
Fd. LBT. pr. pg. 176

132°-04'-00"
71°-50'-00"
23°-43'-05"
143°-03'-55"
140°-48'-10"

① 40.75 @ 32°-12' T96 = 34.48
② 41.82 @ 34°-27' T96 = 34.49
F.T.D. = 34.48

Δ = 36°-56'-05"
R = 250
T = 83.49
L = 161.16
E = 13.57

161°-55'-05"
pr. pg. 176

F.C. "30
Fd. LBT.
pr. pg. 176

P.I. "180
Set 2 X 2

RPPI. "180
Set 2 X 2's

512+
Set 1 X 2 in 42

① 69°-18'-45"
⊕ 277°-45'-15"
69°-18'-50"

F.C. "29
Fd. LBT
pr. pg. 176

B.C.

① 50.00 @ 28°-34' T98 = 43.91
② 50.64 @ 29°-53 T98 = 43.91
F.T.D. = 43.91

Var. 16°-30'

N 10°-45' W
Mag.

① 98.98 @ 32°-29 T98 = 83.50
② 99.75 @ 33°-11 T98 = 83.49
F.T.D. = 83.49

Curve "180

Sta	Defl.	Chd.
B.C. 517+59.49	0°-0'-0"	—
+75	1-46-38	15.51
518+00	4-38-31	24.99
+25	7-30-25	"
+50	10-22-18	"
+75	13-14-11	"
519+00	16-06-04	"
E.C. +20.65	18-28-02½	20.64

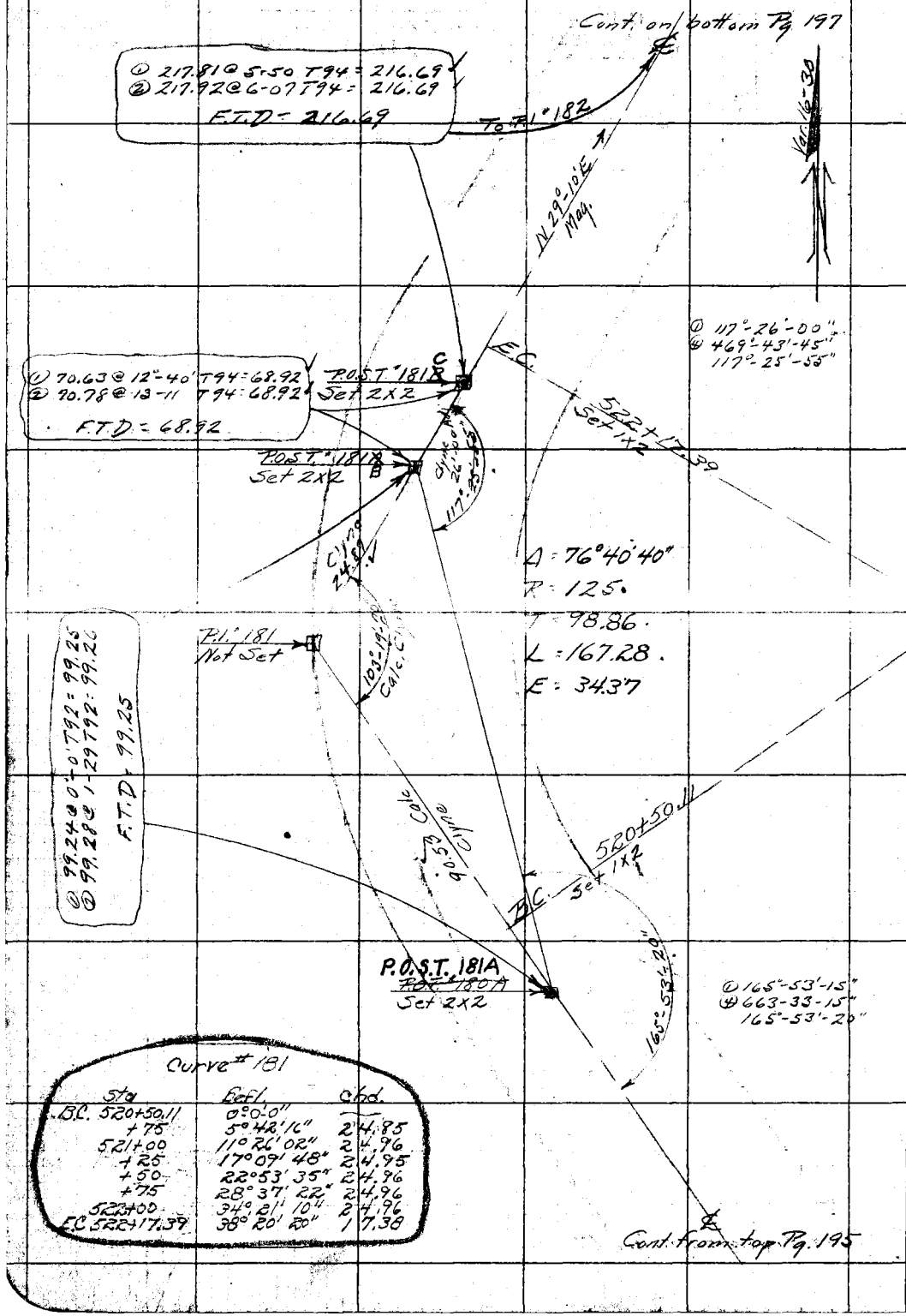
Cont. from top Pg. 194

Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR INSERTED IN Red. WHEN MAPS ARE MADE FROM THIS DRAWING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 196 Chief Party Notes by A.N.H. Date 6-23-31



Curve # 181

Sta	Defl.	Chd.
B.C. 520+50.11	0°0'0"	
+75	5°42'16"	24.85
521+00	11°26'02"	24.96
+25	17°09'48"	24.95
+50	22°53'35"	24.96
+75	28°37'22"	24.96
522+00	34°21'10"	24.96
E.C. 522+17.39	38°20'20"	17.38

RETURN TO
LOS ANGELES COUNTY SURVEYOR

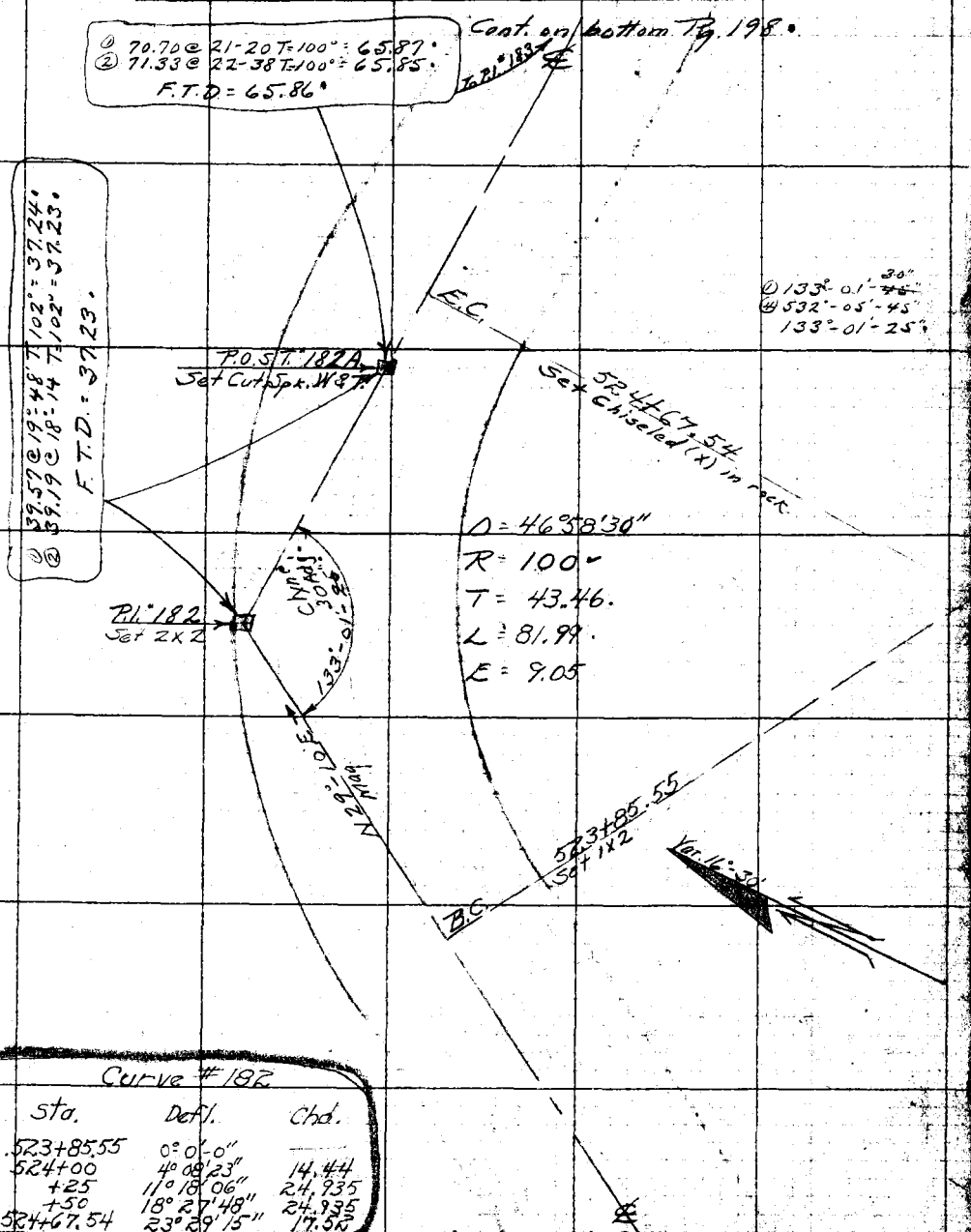
Do not extend notes this side of this line

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

Date 7-7-31 Notes by A.N.H. Chief Party F.B. 416 Pg 197

Platted by H.U.M.H.	W.O. No. 948 Tape No. 14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. CS.B.1471-3	Surveyed by A. N. HELLSTROM
Platting C'k'd by Drew	Date 7-7-31
Date NOV 24 1931	Indexed A. C. Johnson 9-14-31

Hellstrom
Fenner
Lind
Morrison
Jordan
Linden



Curve #182

Sta.	Defl.	Chd.
B.C. 523+85.55	0°0'-0"	—
524+00	4°08'23"	14.44
+25	11°18'06"	24.935
+50	18°27'48"	24.935
E.C. 524+67.54	23°29'15"	17.52

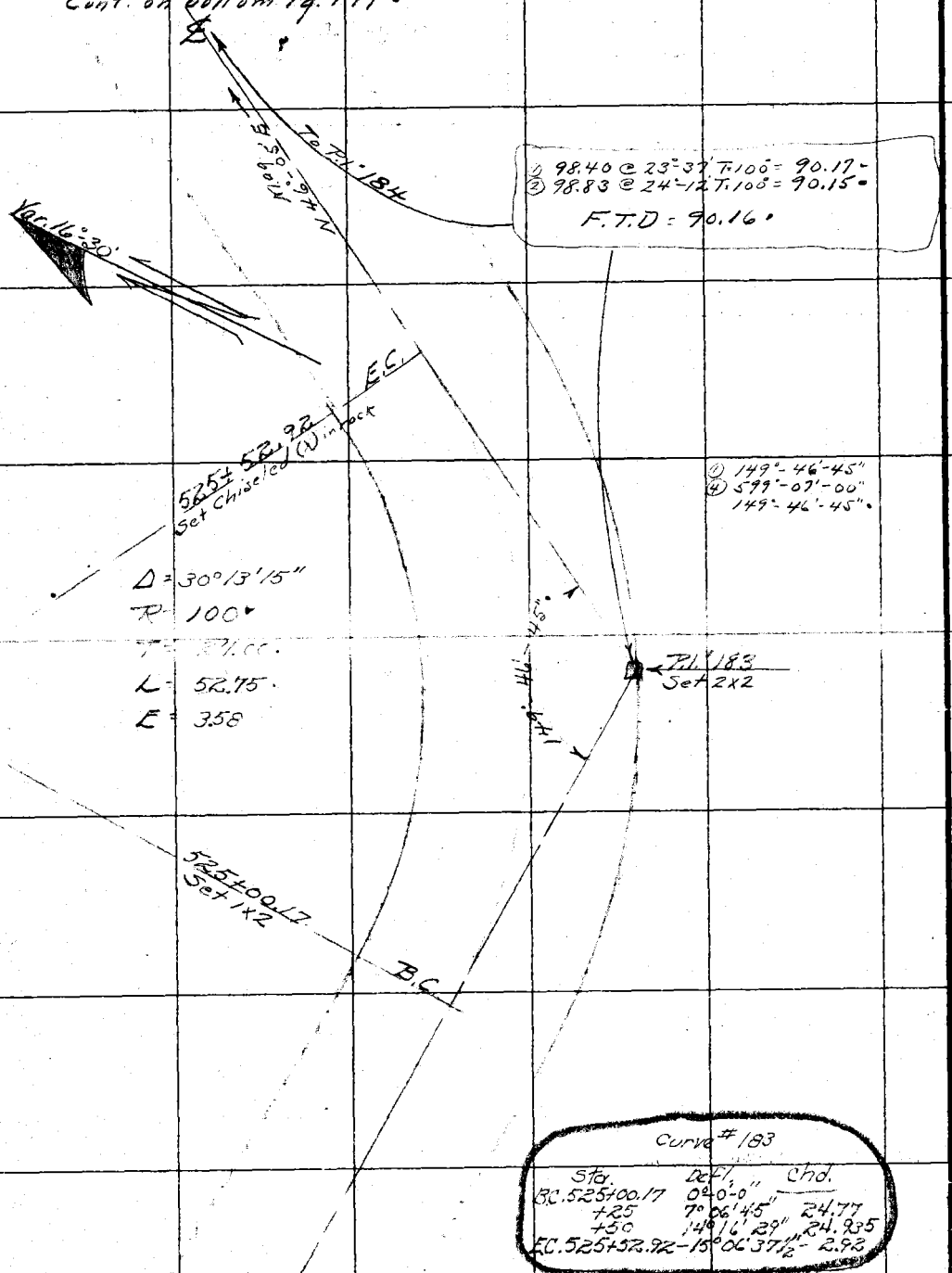
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 198 Chief Party Notes by A.N.H. Date 2-7-31

Cont. on bottom Pg. 199.



Curve #183

Sta.	Defl.	Chd.
BC. 525+00.17	0°0'-0"	
+25	7°06'45"	24.77
+50	14°16'29"	24.935
EC. 525+52.92	15°06'37½"	2.92

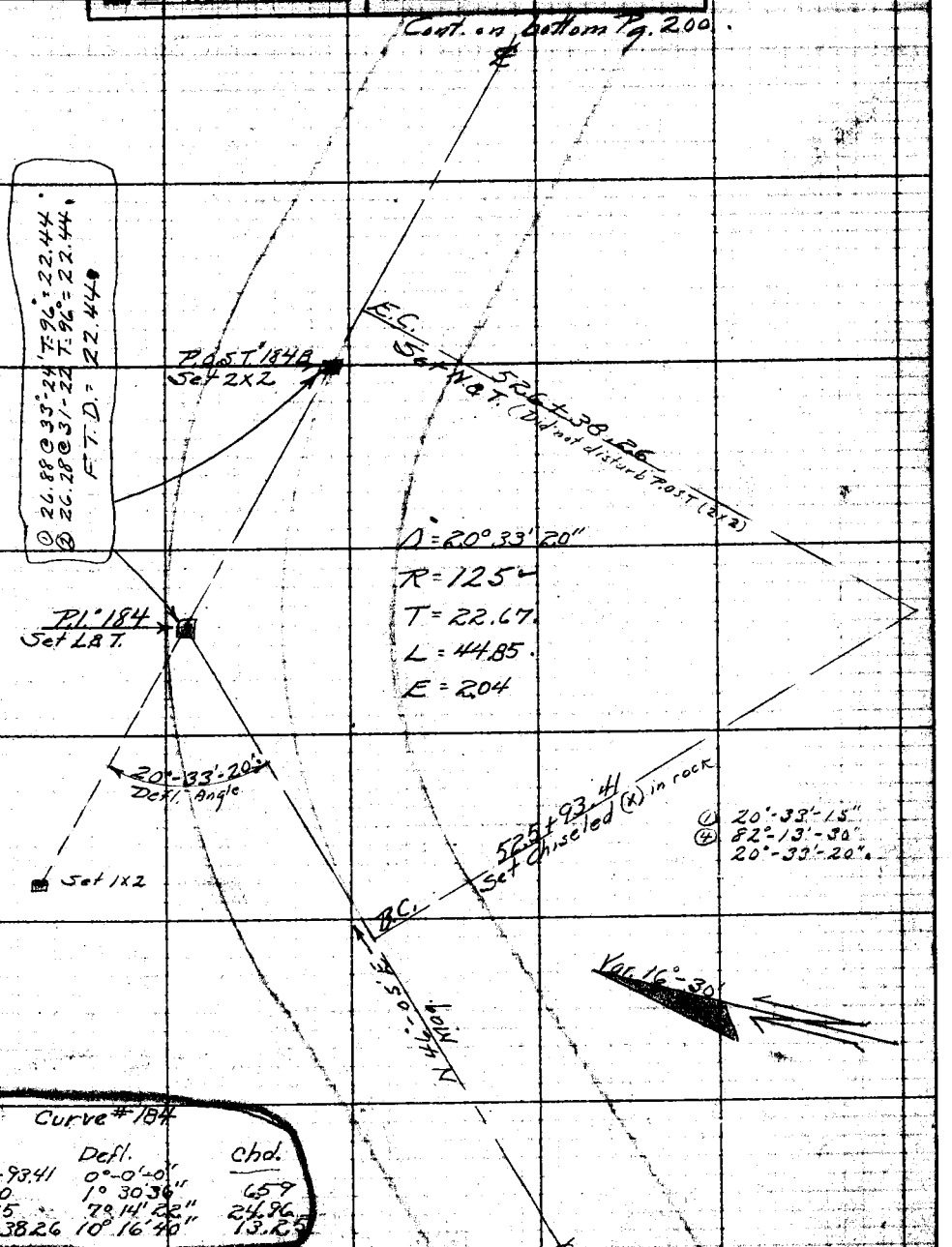
Cont. from top Pg. 197.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 7-8-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 199

Plotted by H.U.M.H.	W. O. No. 948 Sheet No. 14
Date NOV 21 1931	Location Camp Benita-Prairie Forks Rd.
Map No. C.S.B.471-3	Surveyed by A. N. HELLSTROM
Plotting Chk'd by [illegible]	Date 7-8-31
Date NOV 21 1931	Indexed A. C. Johnson

Cont. on bottom Pg. 200.



Curve #184

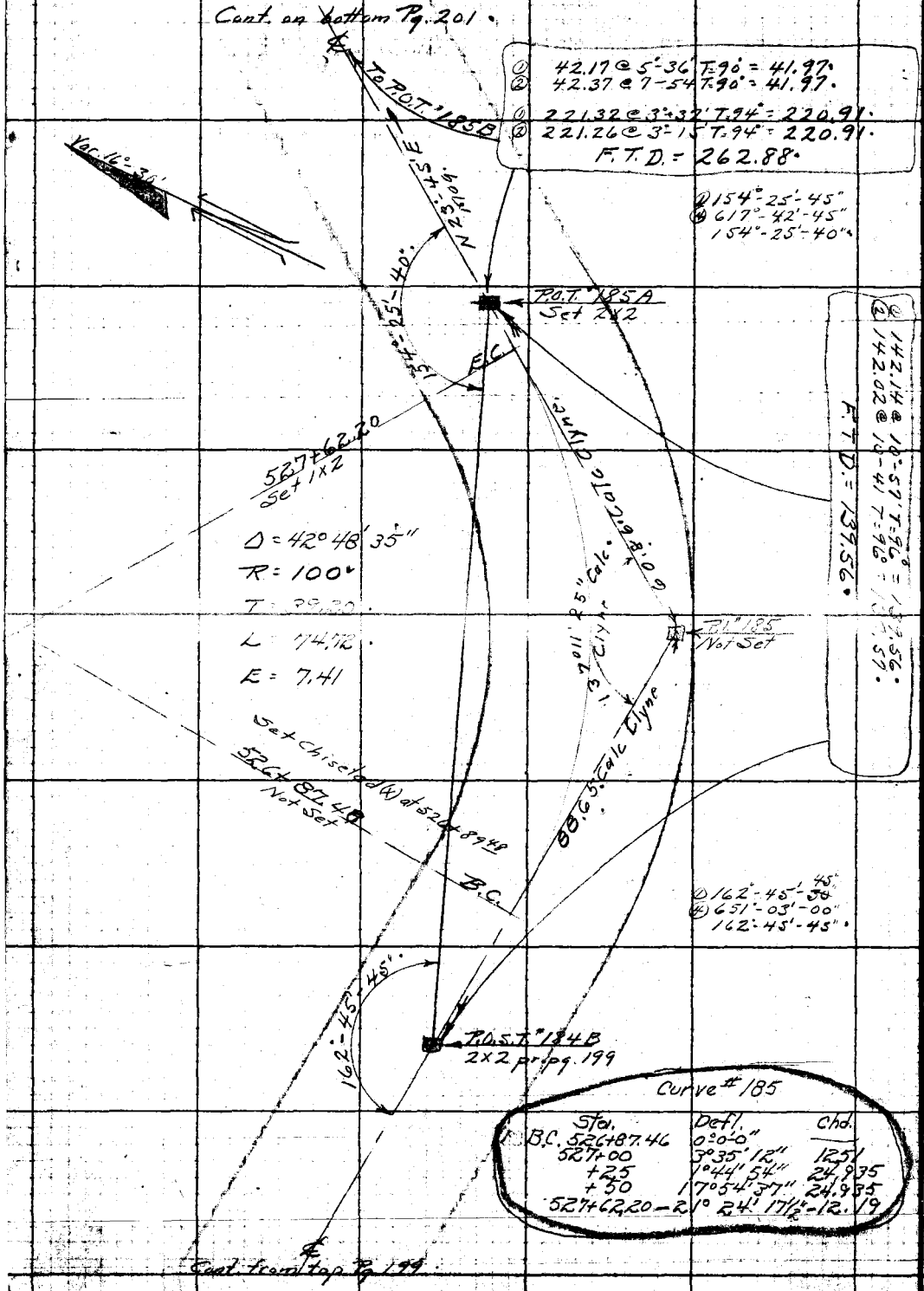
Sta.	Defl.	Chd.
B.C. 525+93.41	0°-0'-0"	
526+00	1° 30'36"	6.59
+25	7° 14'22"	24.96
E.C. 526+38.26	10° 16'40"	13.25

Cont. from top Pg. 198.

RETURN TO LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Notice: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHECKED IN RED WITH DATE AND NAME OF PERSON MAKING CHANGE.

F.B. 416 Pg. 200 Chief Party Notes by A.N.H. Date 7-8-31

Cont. on bottom Pg. 201.



① 142.14 @ 10°-57' T=96° = 139.56.
② 142.02 @ 10-41 T=96° = 139.57.
F.T.D. = 139.56.

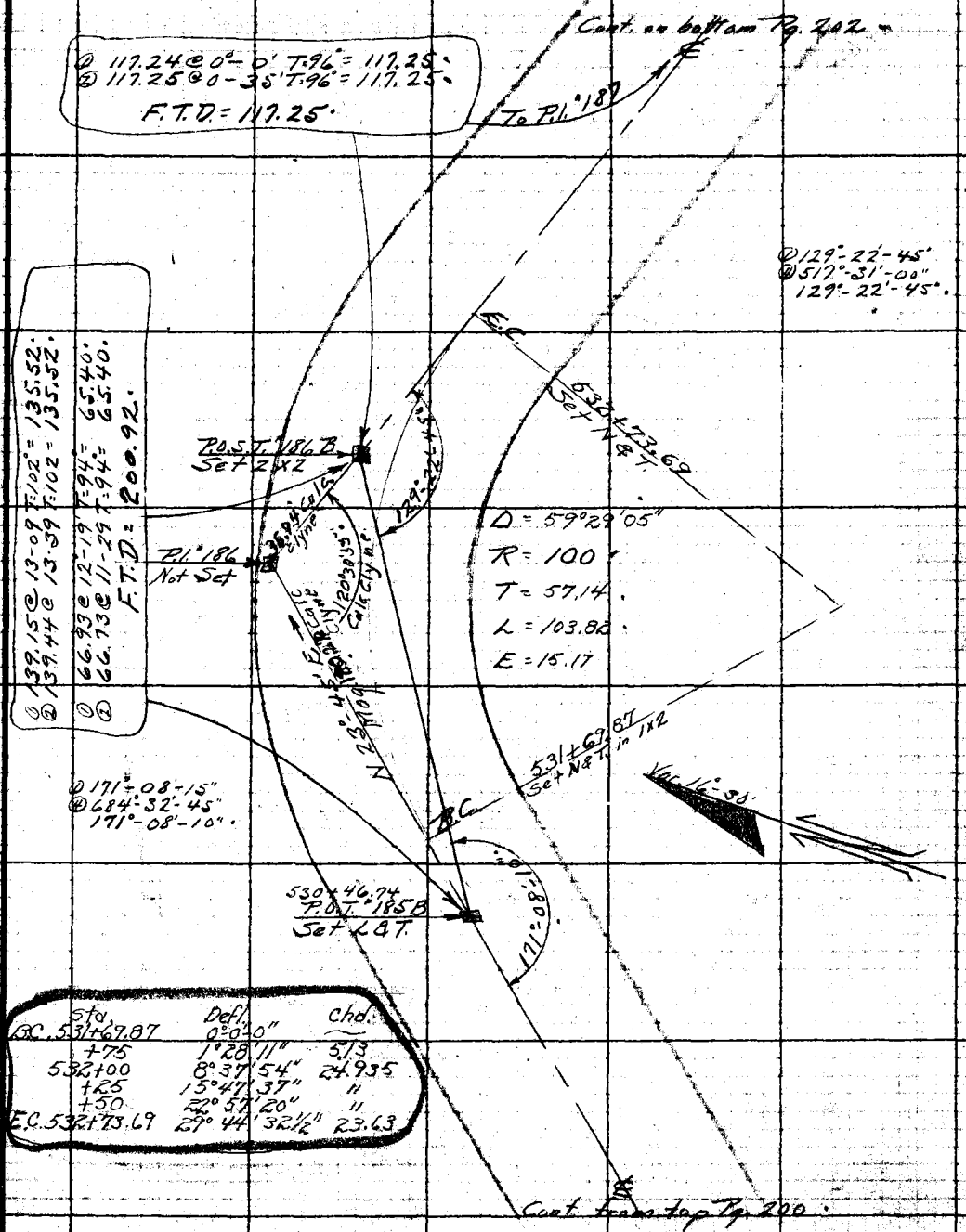
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 2-8-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 201

Plotted by H.U.M.H.	W. O. No. 948 Tape No. #14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. C.S.B. 471-3	Surveyed by A. N. HELLSTROM
Plotting Ch'd by [illegible]	Date 2-8-31
Date NOV 24 1931	Indexed A. C. Johnson



Sta.	Defl.	Chd.
B.C. 531+69.87	0°-0'-0"	
+75	1°28'11"	5.13
532+00	8°37'54"	24.935
+25	15°47'37"	"
+50	22°57'20"	"
E.C. 532+73.69	29°44'32½"	23.63

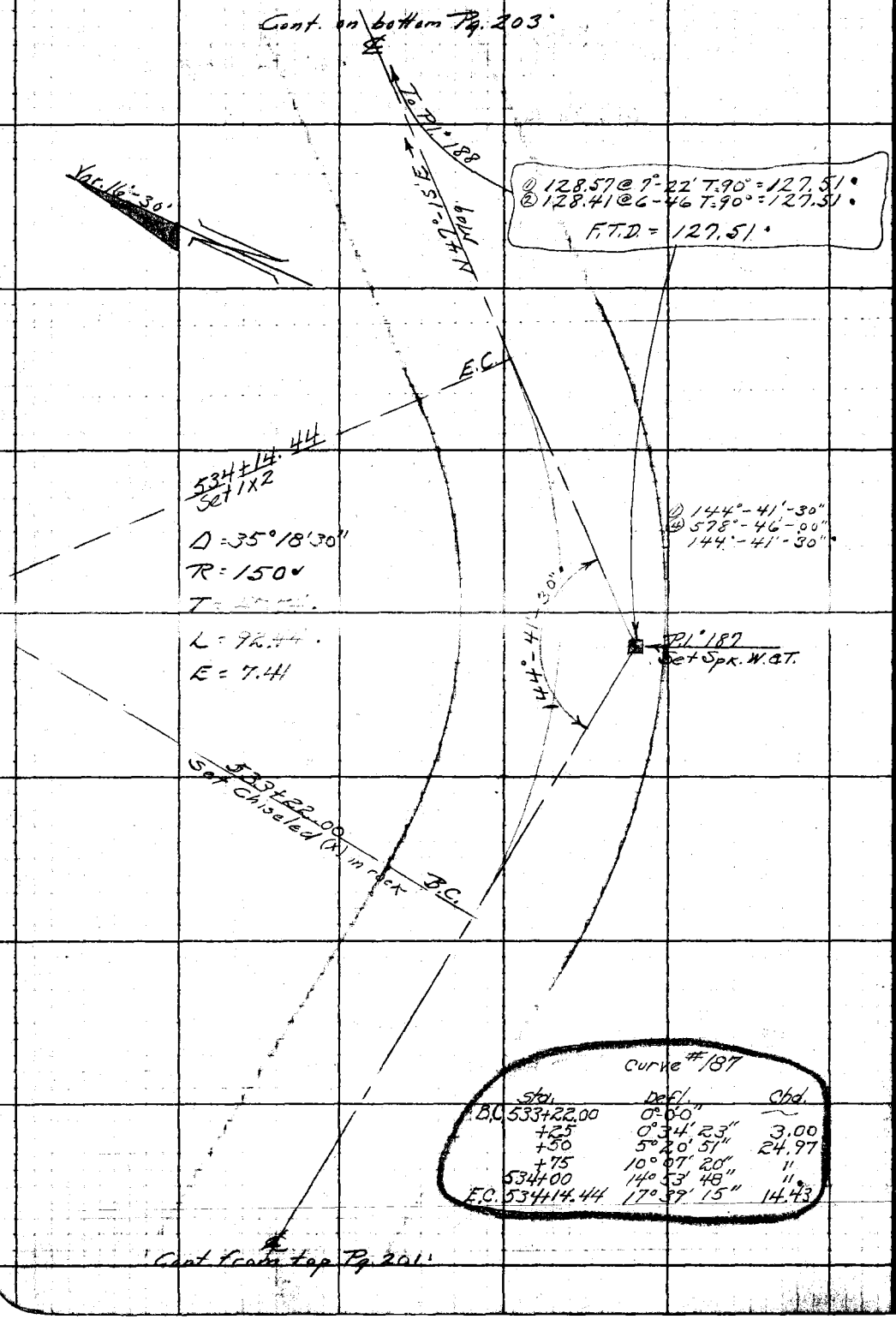
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 202 Chief Party Notes by A.N.H. Date 7-8-31

Cont. on bottom Pg. 203.



RETURN TO
LOS ANGELES COUNTY SURVEYOR

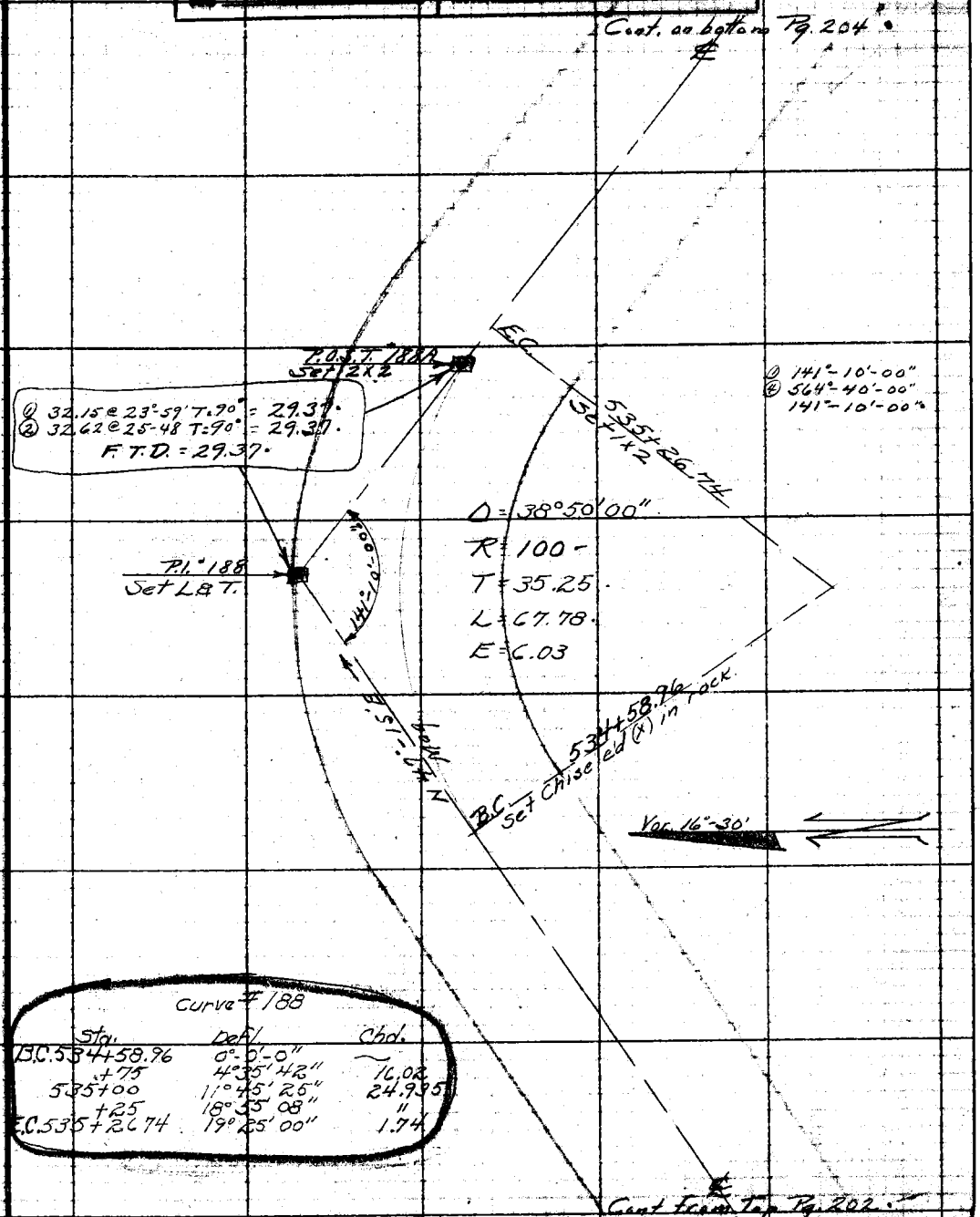
Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR PENCILED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 7-9-31 Notes by A.N.H Object Party F.B. 416 PG. 203

Plotted by HUMM	W. O. No. 948 Topo No. 14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. C.S.B. 471-3	Surveyed by A. N. HELLSTROM
Plotting Chk by Draw	Date 7-9-31
Date NOV 24 1931	Indexed A. C. Johnson

Cont. as bottom Pg. 204



Curve # 188

Sta.	Defl.	Chd.
B.C. 534+58.96	0°-0'-0"	—
+75	4°35'42"	16.02
535+00	11°45'26"	24.935
+25	18°35'08"	"
E.C. 535+26.74	19°25'00"	1.74

Cont from Top Pg. 202

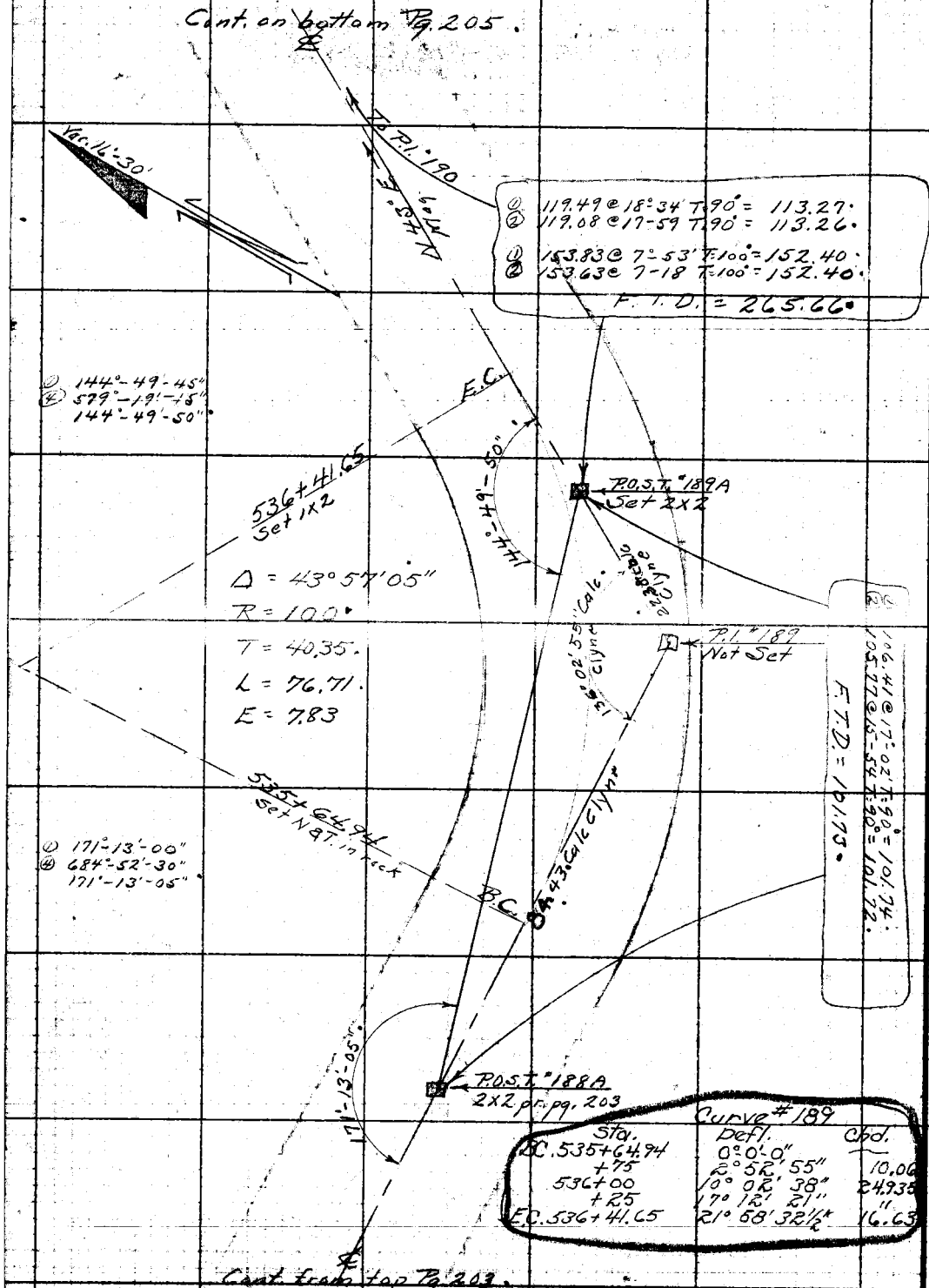
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 204 Chief Party Notes by A.N.H. Date 7-9-31

Cont. on bottom Pg. 205.



Curve #189

Sta.	Defl.	Chd.
B.C. 535+64.94	0°-0'-0"	
+75	2°52'55"	10.06
536+00	10°02'38"	24.935
+25	17°12'21"	"
E.C. 536+41.65	21°58'32½"	16.63

Cont. from top Pg. 203.

RETURN TO
LOS ANGELES COUNTY SURVEYOR

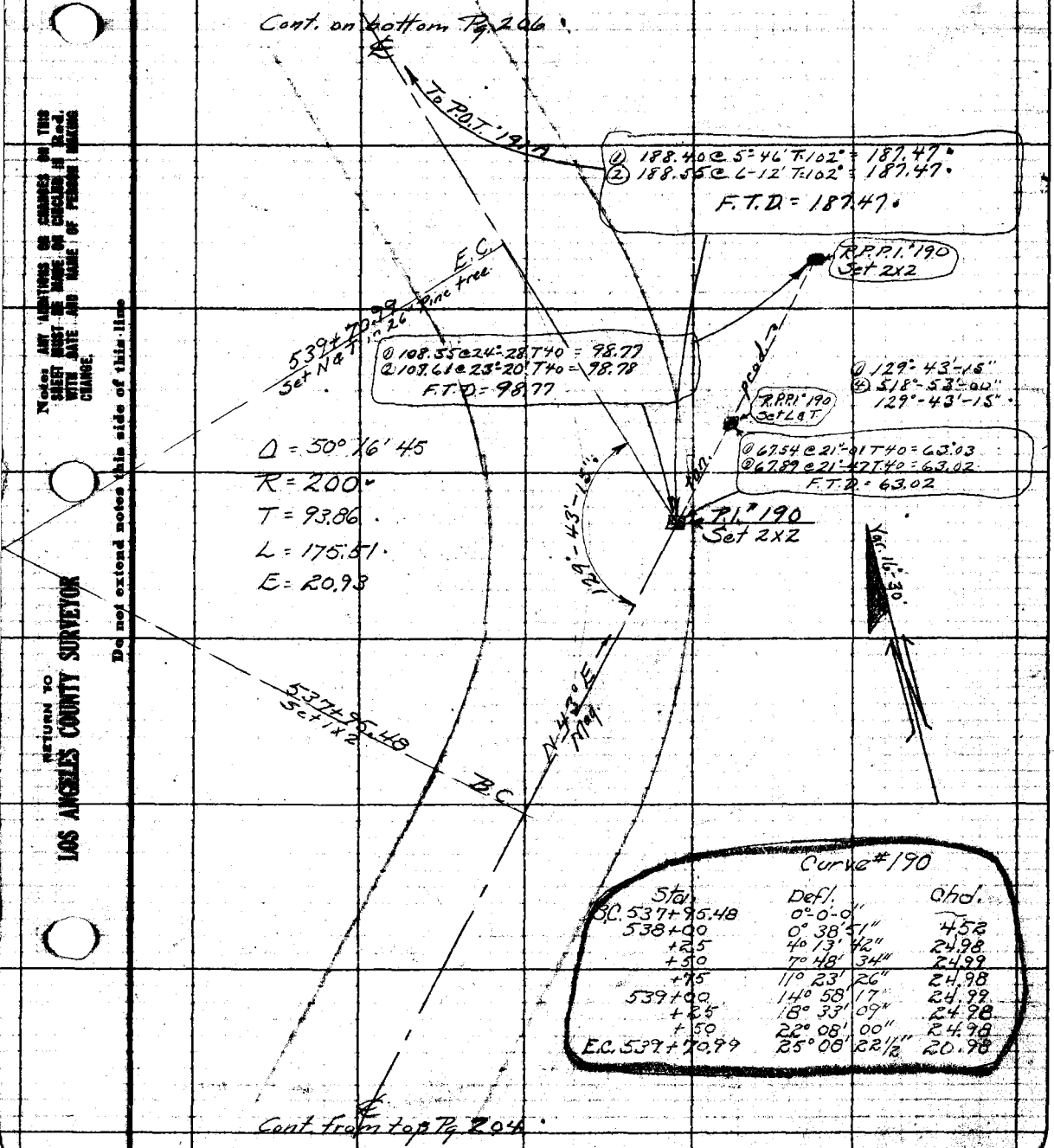
Do not extend notes this side of this line

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

Date 7-9-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 205

Plotted by H.U.M.H.	W. O. No. 948 Sec. 14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. C.S.B. 471-3	Surveyed by A. N. HELLSTROM
Plotting Ck'd by Drew	Date 7-9-31
Date NOV 21 1931	Indexed A. C. Johnson

Hellstrom
Fenner
Lind
Morrison
Jordan
Linden



Curve #190

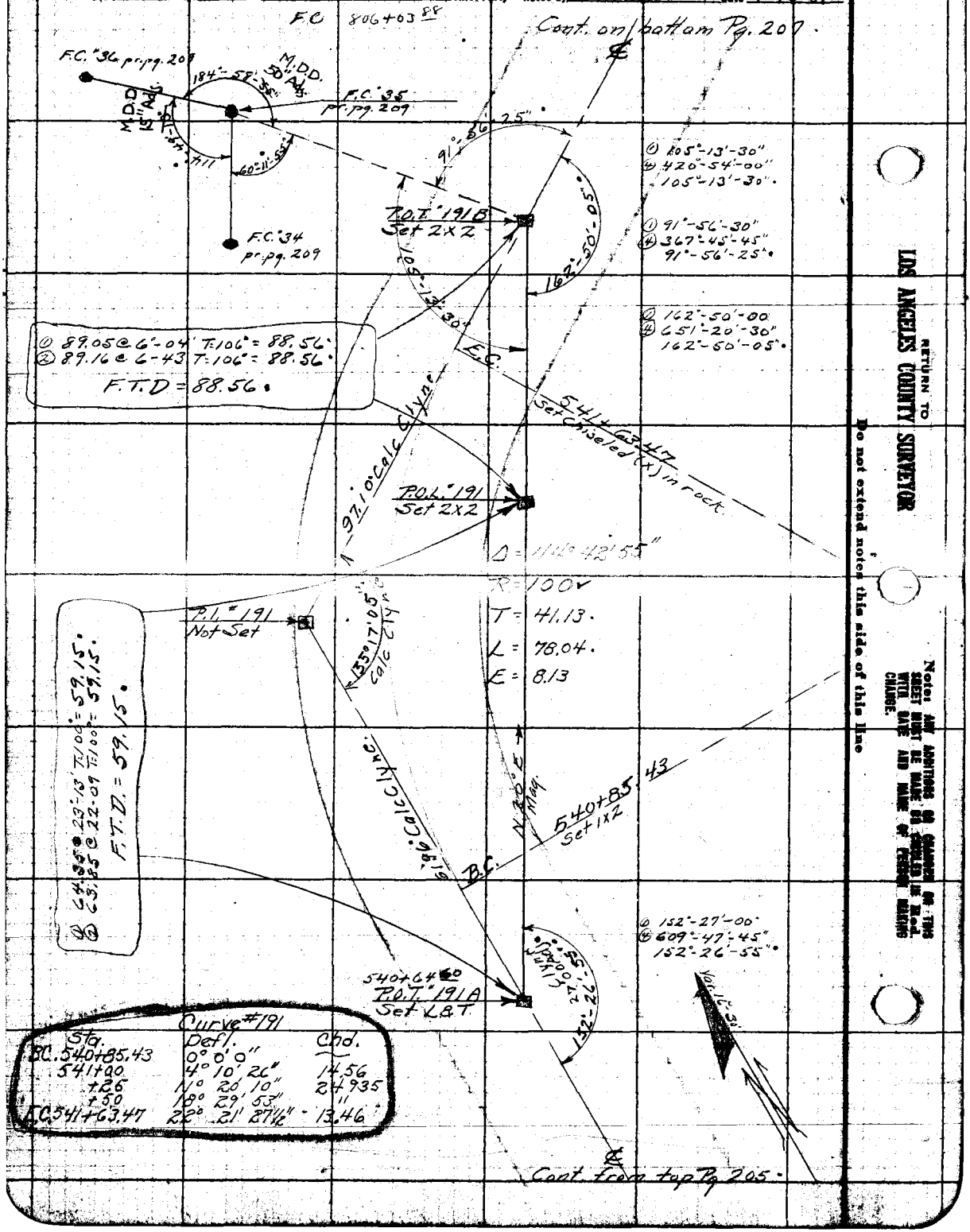
Sta.	Defl.	Chd.
B.C. 537+95.48	0°-0'-0"	
538+00	0° 38' 51"	4.52
+25	4° 13' 42"	24.98
+50	7° 48' 34"	24.99
+75	11° 23' 26"	24.98
539+00	14° 58' 17"	24.99
+25	18° 33' 09"	24.98
+50	22° 08' 00"	24.98
E.C. 539+70.99	25° 08' 22½"	20.98

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. #16 Pg. 206 Chief Party Notes by A.N.H. Date 7-10-31



Curve #191

Sta.	Defl.	Chd.
B.C. 540+85.43	0° 0' 0"	
541+00	4° 10' 26"	14.56
+25	11° 20' 10"	24.935
+50	18° 29' 53"	"
E.C. 541+63.47	22° 21' 27½"	13.46

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR ENCLOSED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 7-10-31 Notes by: A.N.H. Chief Party _____ F.B. 416 Pg. 207

Plotted by H.U.M.H.	W.O. No. 948 Tape ~~W.O. No.~~ #14
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. CS.13.471-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Drew	Date 7-10-31
Date NOV 24 1931	Indexed A. C. Johnson

Hellstrom
Svenson
Fenner
McBride
Morrison

Cont. on bottom Pg. 208.

To P.O.T. #183A

N 10° W

Var. 16°30'

① 166°-18'-30"
② 665°-14'-00"
166°-18'-30"

544+00.28
P.O.T. #192B
Set 2x2

F.C.

543+68.81
Set 1x2

Δ = 37°34'10"
R = 100
T = 34.01
L = 65.57
E = 5.63

① 47.90 @ 6-42 T 85 = 47.57
② 48.10 @ 8-27 T 85 = 47.58

① 56.20 @ 0-0 T 85 = 56.20
② 56.25 @ 2-29 T 85 = 56.20

F.T.D. = 103.77

Arc 65.57 Calc Clyne

Δ = 42°25'50"

Pl. #192
Not Set

① 98.63 @ 0°-0' T 88 = 98.63
② 98.63 @ 0°-0' T 88 = 98.63

F.T.D. = 98.63

38.8 Calc Clyne

P.O.T.
~~P.O.S.T.~~ #192A
Set 2x2

543+03.24
Set 1x2

156°-07'-20"

B.C.

① 156°-07'-20"
② 624°-29'-30"
156°-07'-20"

① 79.51 @ 0°-0' T.104° = 79.52
② 79.54 @ 1°-30' T.104° = 79.52

F.T.D. = 79.52

From P.O.T. #191B

Curve #192		
Sta.	Defl.	Chd.
B.C. 543+03.24	0°-0'-0"	
+25	6°-14'-02"	21.72
+50	13°-23'-45"	24.935
E.C. 543+68.81	18°-47'-05"	18.78

Cont. from top Pg. 206.

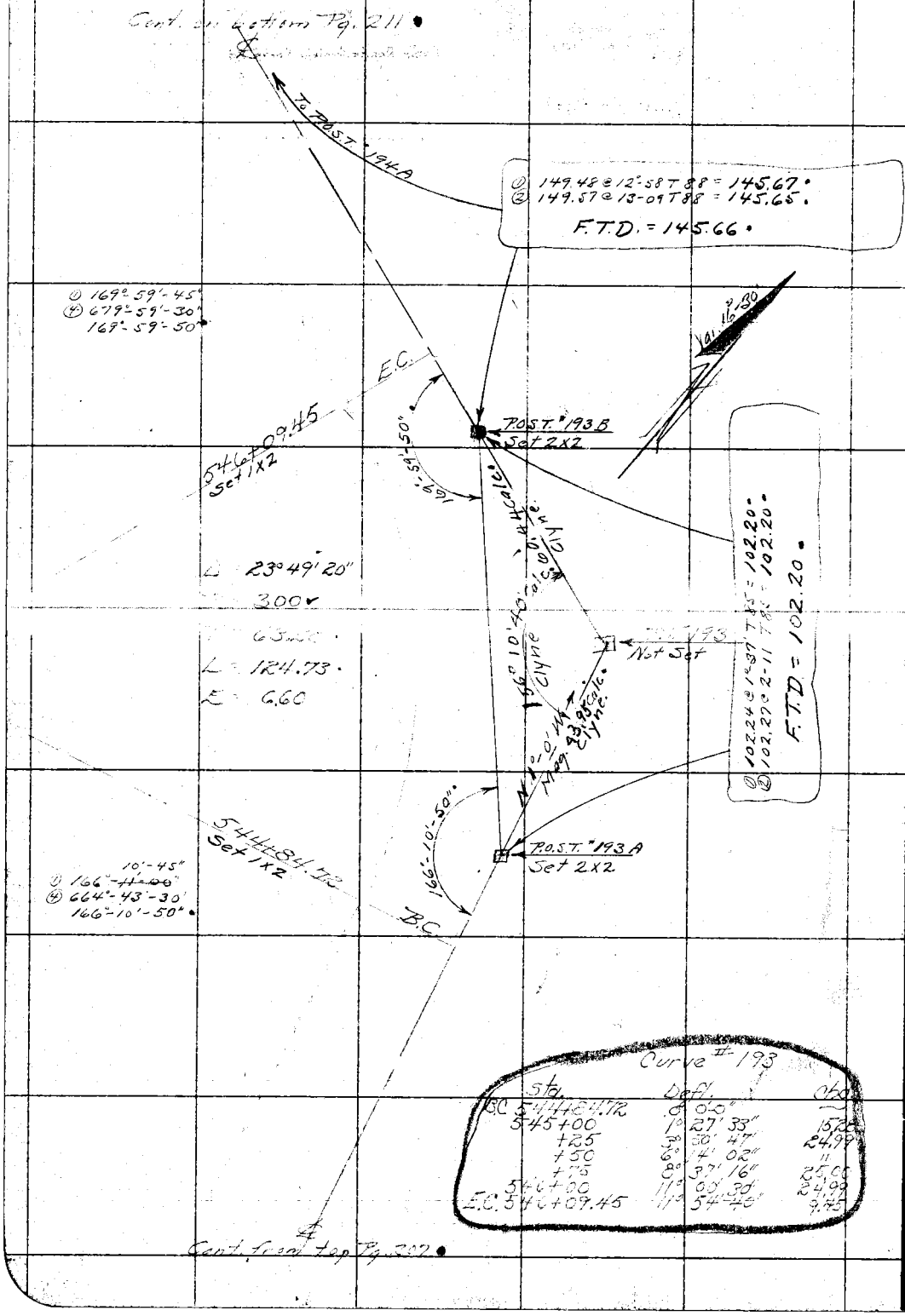
RETURN TO
LOS ANGELES COUNTY SURVEYOR

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

Do not extend notes this side of this line

F.B. 416 Pg. 208 Chief Party Notes by A.N.H. Date 9-6-31

Cont. on bottom Pg. 211



Cont. from top Pg. 207

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 7-10-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 209

Plotted by H.U.M.H.	W.O. No. 948 D.S.O. No.
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. CS.B.471-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Prew	Date 7-10-31
Date NOV 24 1931	Indexed A. C. Johnson

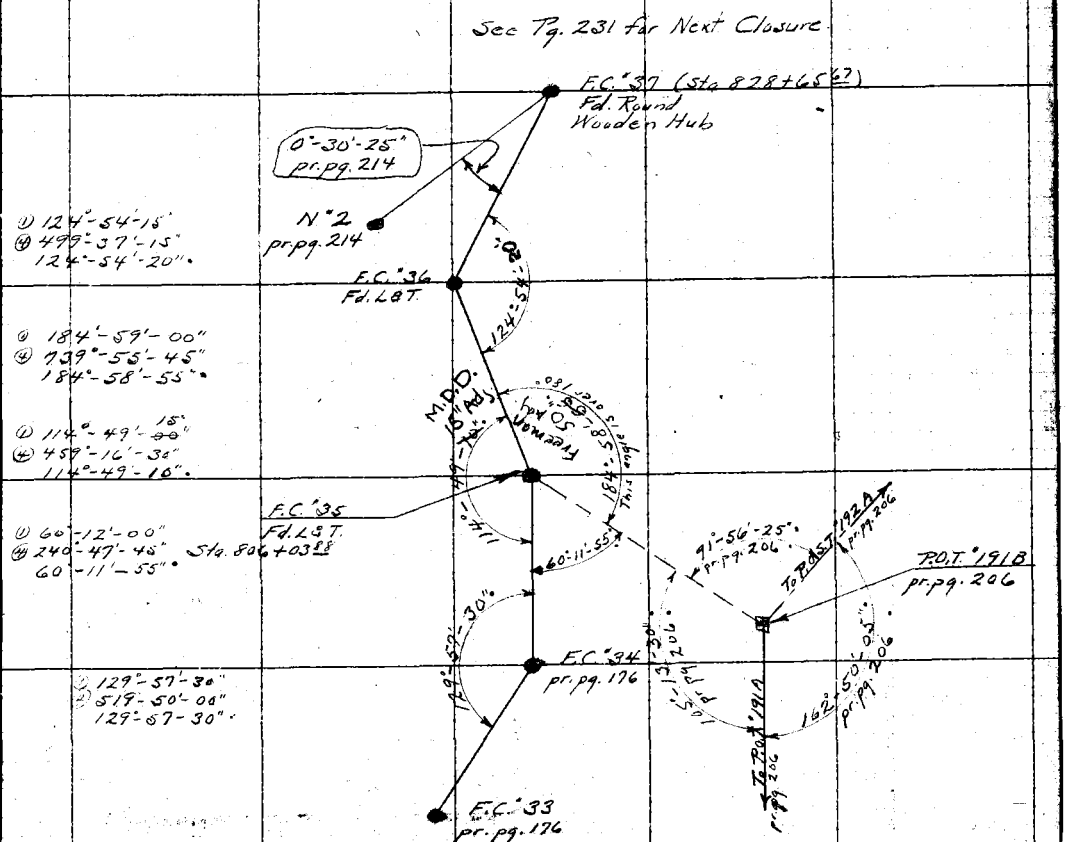
Hellstrom
Fenner
Lind
Morrison
Jordan
Linden

Angular Closure Line.

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR



Cont. from Top Pg. 176

F. B. 416 Pg. 210 Chief Party Notes by Date

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 9-6-31 Notes by A.N.H. Chief Party F.B. 416 PG 211

Planned by H.U.M.H.	W.O. No. 948 Tape No. 40
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. C.S.B.471-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Drew	Date 9-6-31
Date Nov 6 1931	Indexed A. C. Johnson

Hellstrom
Svenson
Fenner
McBride
Morrison

Cont. on bottom Pg. 212.

① 100.48 @ 11°-39' T68 = 98.40
② 100.66 @ 12-08 T68 = 98.40
F.T.D.: 98.40

To BOT 194C
N 7°-0'-89" W
Mag.

① 156°-59'-45"
④ 627°-58'-00"
156°-59'-30".

Var. 16°-30'

① 173.84 @ 5°-0' T96 = 173.19'
② 173.94 @ 5-19 T96 = 173.20'
F.T.D = 173.19.

R.P.P.O.S.T. "194B
Set 2x2

R.P.P.O.S.T. "194B
Set L&T.

132°-40'-00"

E.C.

P.O.S.T. "194B
Set 2x2

5+49+61.52
Set 1x2

55°-30"

90°-50'-10"
Chord

Δ = 43°-27'10"
R = 300
T = 119.54.
L = 227.52'
E = 22.94

P.I. "194
Not Set

① 178.68 @ 0°-0' T96 = 178.19.
② 178.99 @ 0°-12' T96 = 178.20.
F.T.D = 178.19.

① 52.18 @ 6°-30 T68 = 51.83
② 52.34 @ 7-30 T68 = 51.84
F.T.D = 51.83

N 45°-0' W
Mag.

138°-32'-50" Chord

104.82 Chord

5+47+34.00 B.C.
Set 1x2

33°-20"

P.O.S.T. "194A
Set 2x2

B.C.

58°-65'

① 159°-33'-15"
④ 638°-13'-30"
159°-33'-20".

Curve #194

Sta.	Det.	Chd.
B.C. 5+47+34.00	0°-0'-0"	
+50	1°-31'-40"	16.00
+75	3°-54'-55"	24.99
548+00	6°-16'-09"	"
+25	8°-41'-24"	25.00
+50	11°-04'-38"	24.99
+75	13°-27'-52"	"
549+00	15°-51'-07"	25.00
+25	18°-14'-21"	24.99
+50	20°-37'-35"	"
E.C. 549+61.52	21°-45'-35"	11.52

Cont. from top Pg. 208.

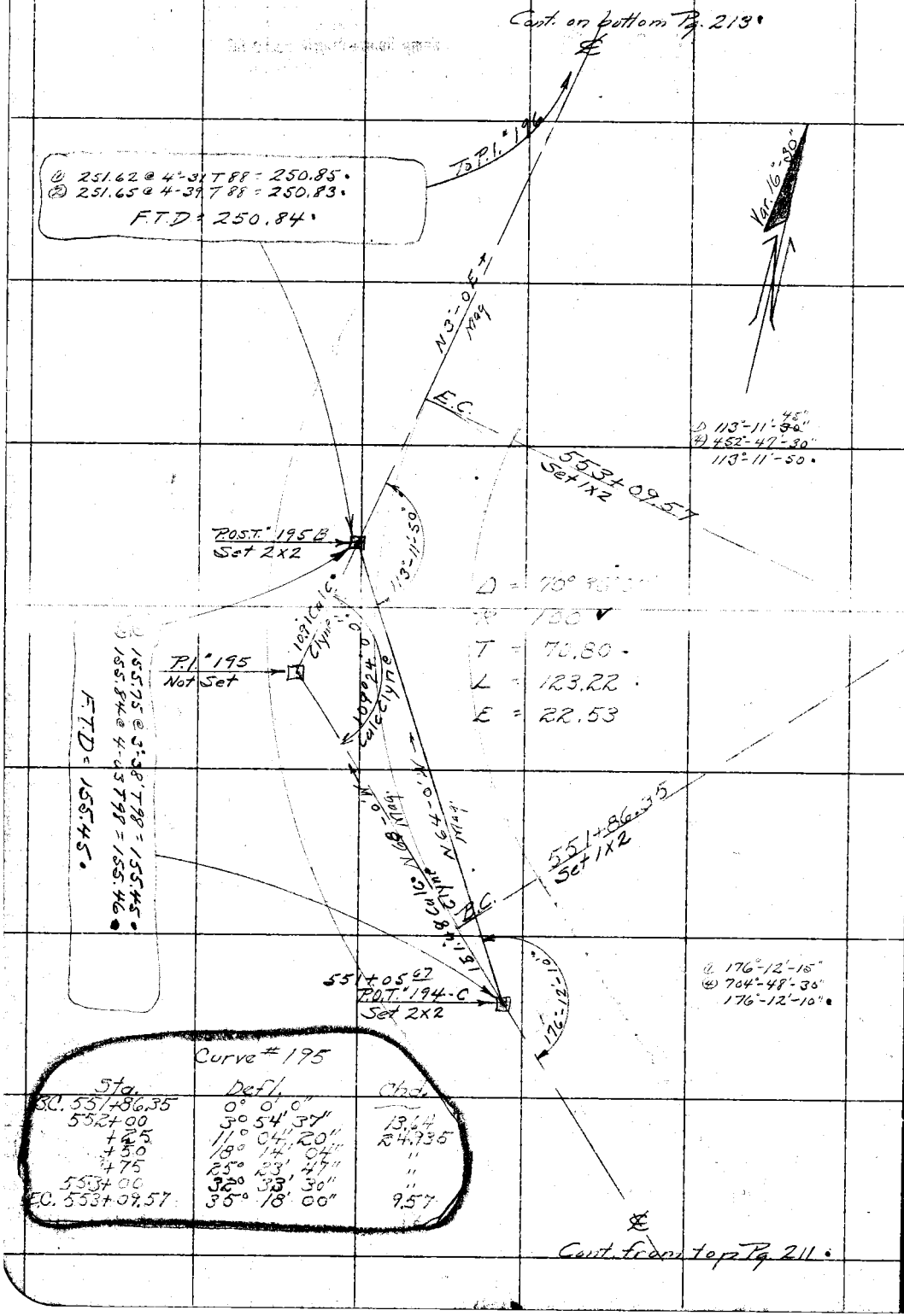
Notice: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE IN CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 212 Chief Party Notes by A.N.H. Date 9-6-31

Cont. on bottom Pg. 213.



Curve #195

Sta.	Defl.	Chd.
B.C. 551+86.35	0° 0' 0"	
552+00	3° 54' 37"	13.64
+25	11° 04' 20"	24.935
+50	18° 14' 04"	"
+75	25° 23' 47"	"
553+00	32° 33' 30"	"
E.C. 553+09.57	35° 18' 00"	9.57

Cont. from top Pg. 211.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line.
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 9-7-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 213

Plotted by H.U.M.H.	W.O. No. 948 ~~Job No.~~ 7885 - 40
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. CS.B.471-3.	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Drew	Date 9-7-31
Date NOV 21 1931	Indexed A. C. Johnson

Cont. on bottom Pg. 214.

To P.O.S.T. #1199

① 185.86 @ 1°-13' T88 = 185.82.
② 185.84 @ 0-49 T88 = 185.82.
F.T.D = 185.82.

① 115°-07'-30"
② 460°-30'-00"
115°-07'-30" ✓

E.C.

555+87.45
Set 1X2

N 69°-52' W
Hdg.

133°-36'

Vac. 11-30

R.P.I. #196
Set 2X2's

P.I. #196
Set 2X2

115°-07'-30"

Δ = 64°-52'-30"
R = 175 ✓
T = 111.22.
L = 198.15.
E = 32.35

553+89.30
Set 1X2

N 3°-0'-E
Hdg.

B.C.

① 102.92 @ 39°-20' T86 = 78.91.
② 102.92 @ 39-52 T86 = 78.92.
F.T.D = 78.91.

① 63.37 @ 37-14 T86 = 49.66.
② 62.95 @ 37-55 T86 = 49.66.
F.T.D = 49.66.

Curve #196

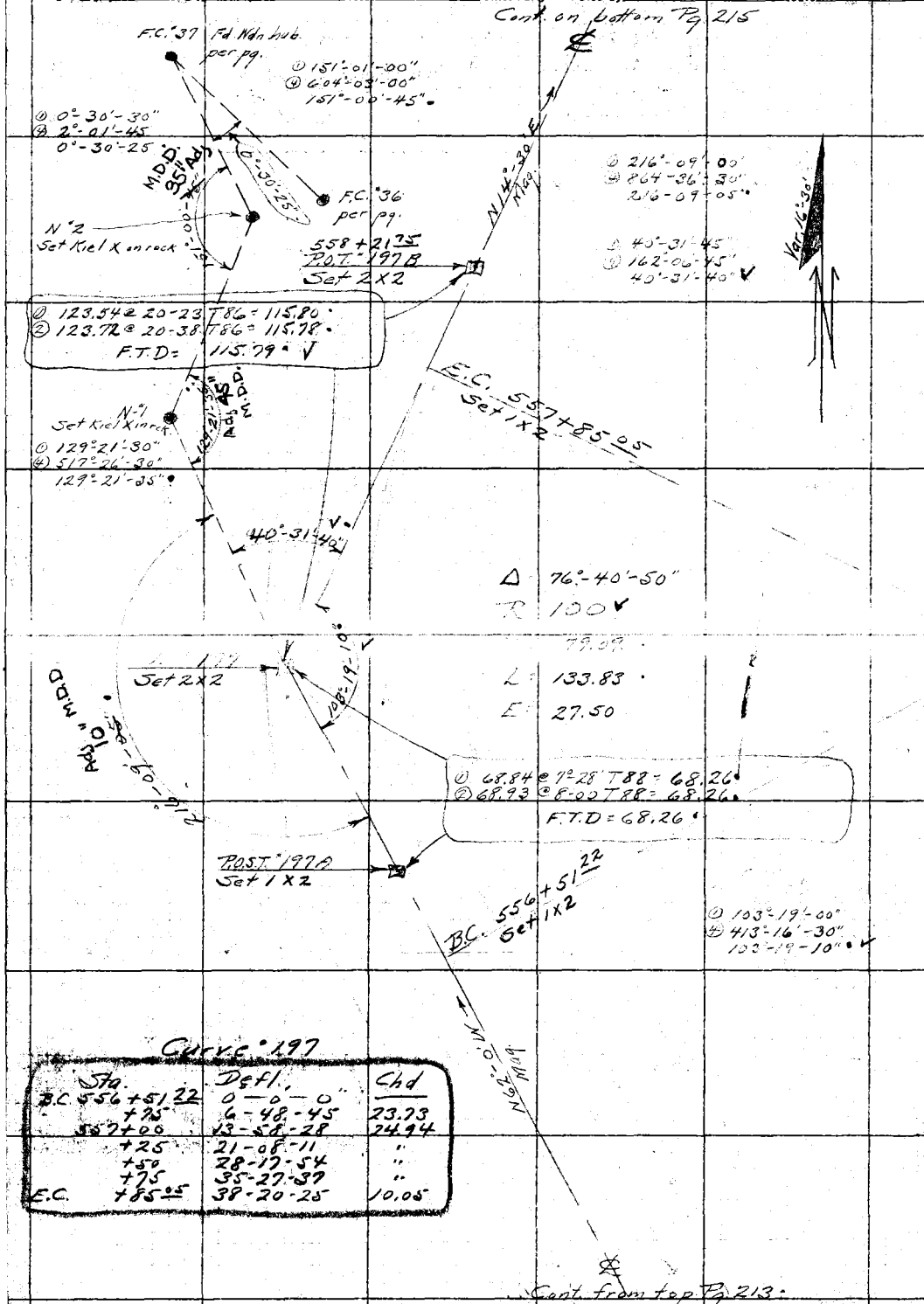
Sta.	Defl.	Chd.
B.C. 553+89.30	0°-0'-0"	
554+00	1-45-06	10.70
+25	5-50-39	24.98
+50	9-56-12	"
+75	14-01-45	"
555+00	18-07-19	"
+25	22-12-52	"
+50	26-18-25	"
+75	30-23-58	"
E.C. +87.45	32-26-15	12.45

Cont. from top Pg. 212.

Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE, INITIALED & DATED, WITH DATE AND NAME OF PERSON MAKING CHANGE.
Do not extend notes this side of this line
Return to LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 214 Chief Party Notes by A.N.H. Date 9-7-31

Cont. on bottom Pg. 215



Curve #197

Sta.	Defl.	Chd
B.C. 556+51.22	0-0-0"	
+75	6-48-45	23.73
557+00	13-58-28	24.94
+25	21-08-11	"
+50	28-17-54	"
+75	35-27-37	"
E.C. +85.05	38-20-25	10.05

Cont. from top Pg. 213

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

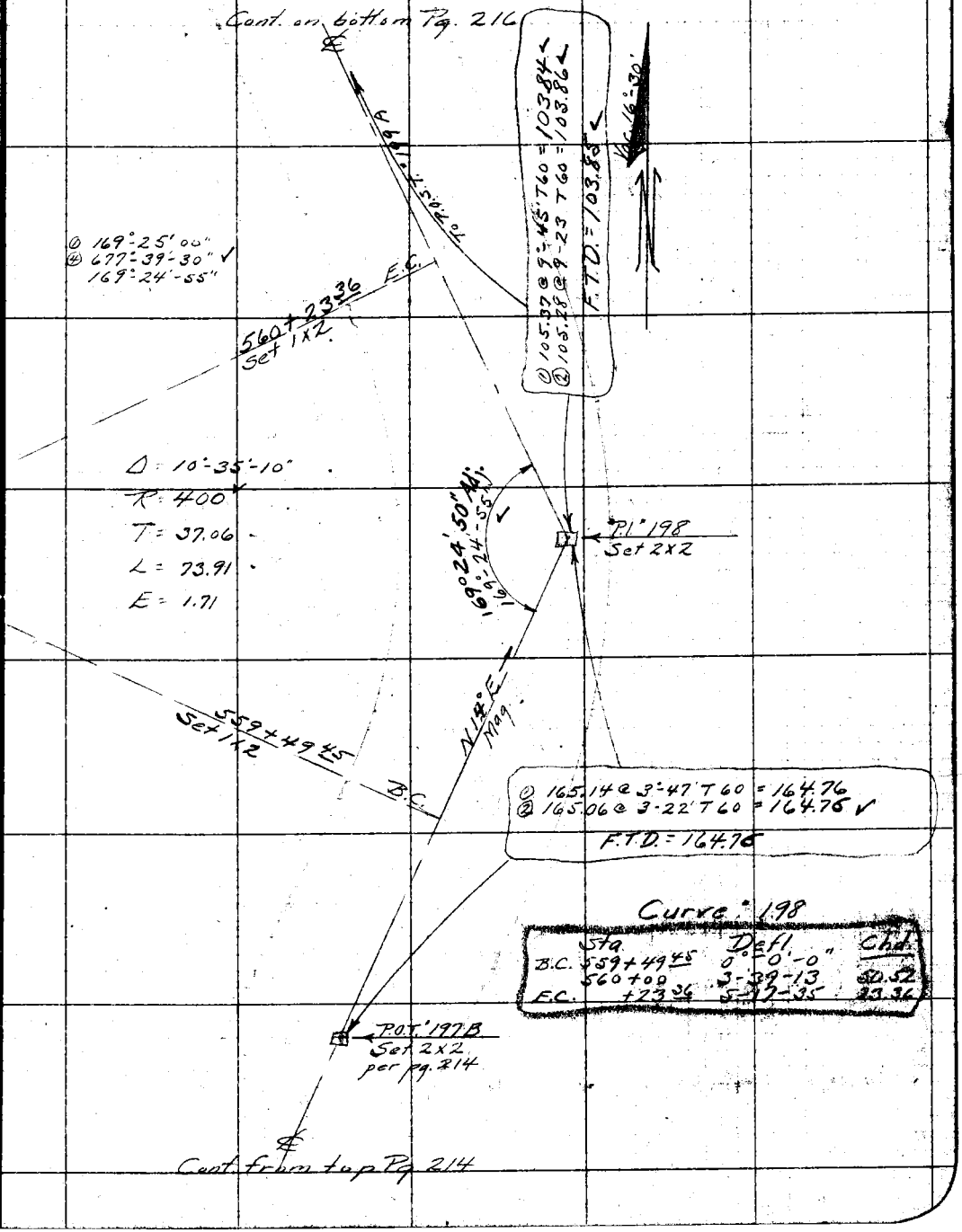
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 9-20-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 215

Plotted by H.U.M.H.	W.O. No. 948 Topo 140
Date NOV 21 1931	Location Camp Conita-Prairie Forks Rd.
Map No. C.S.B.471-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Drew	Date 9-20-31
Date NOV 24 1931	Indexed A. C. Johnson 10-2-31

Hellstrom
Svenson
Fenner
Mc Bride
Morrison

Cont. on bottom Pg. 216



Cont. from top Pg. 214

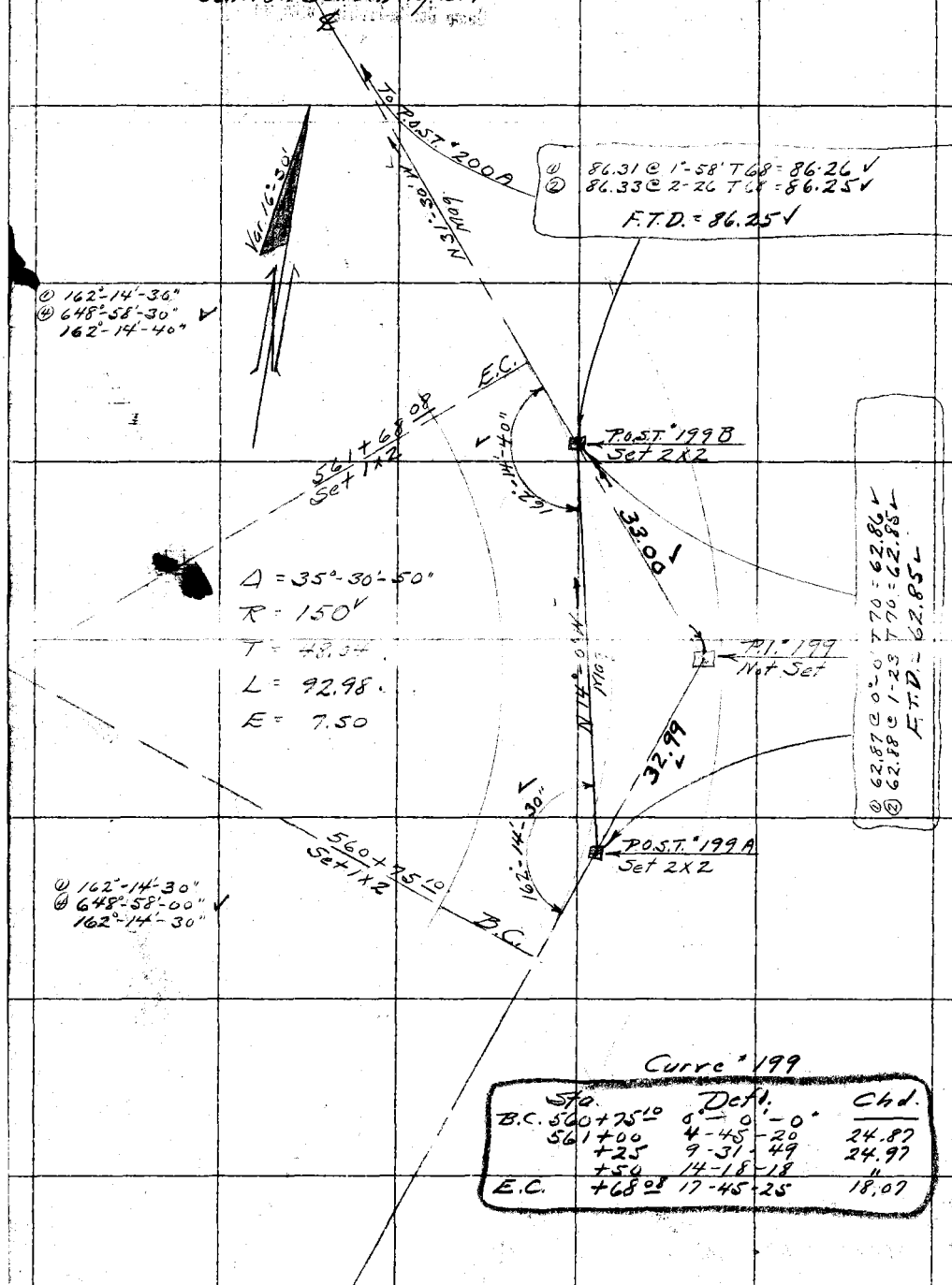
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE BY CHECKER IN Red, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 216 Chief Party Notes by A.N.H. Date 9-20-31

Cont. on bottom Pg. 217



Curve #199

Sta.	Defl.	Chd.
B.C. 560+75.10	0°-0'-0"	
561+00	4-45-20	24.87
+25	9-31-49	24.97
+50	14-18-18	"
E.C. +68.08	17-45-25	18.07

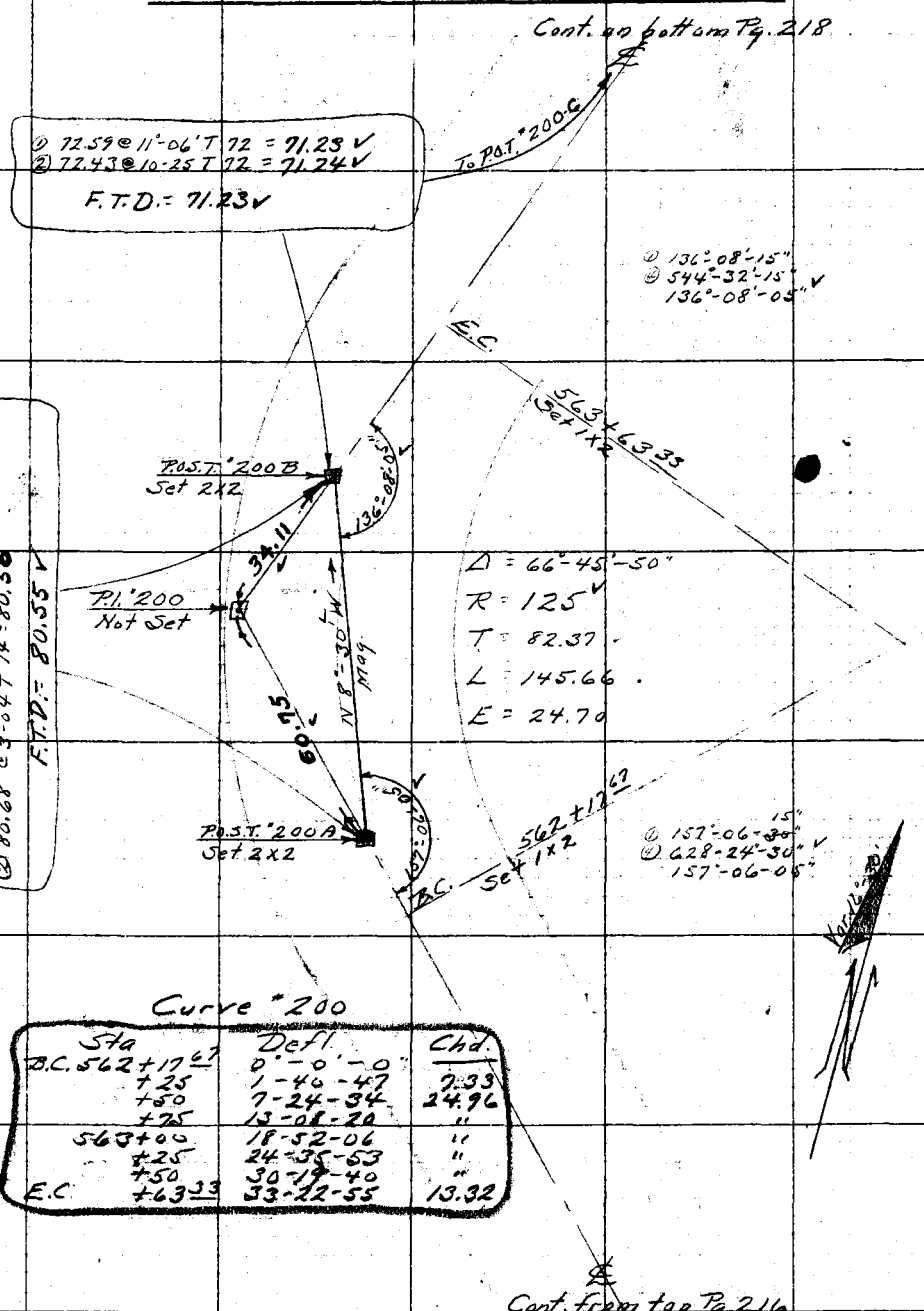
Cont. from top Pg. 215

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 9-20-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 217

Plotted by H.U.M.H.	W.O. No. 948 Topo #40
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. C.S.B.471-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Drew	Date 9-20-31
Date NOV 24 1931	Indexed A. C. Johnson

Cont. on bottom Pg. 218



Curve #200

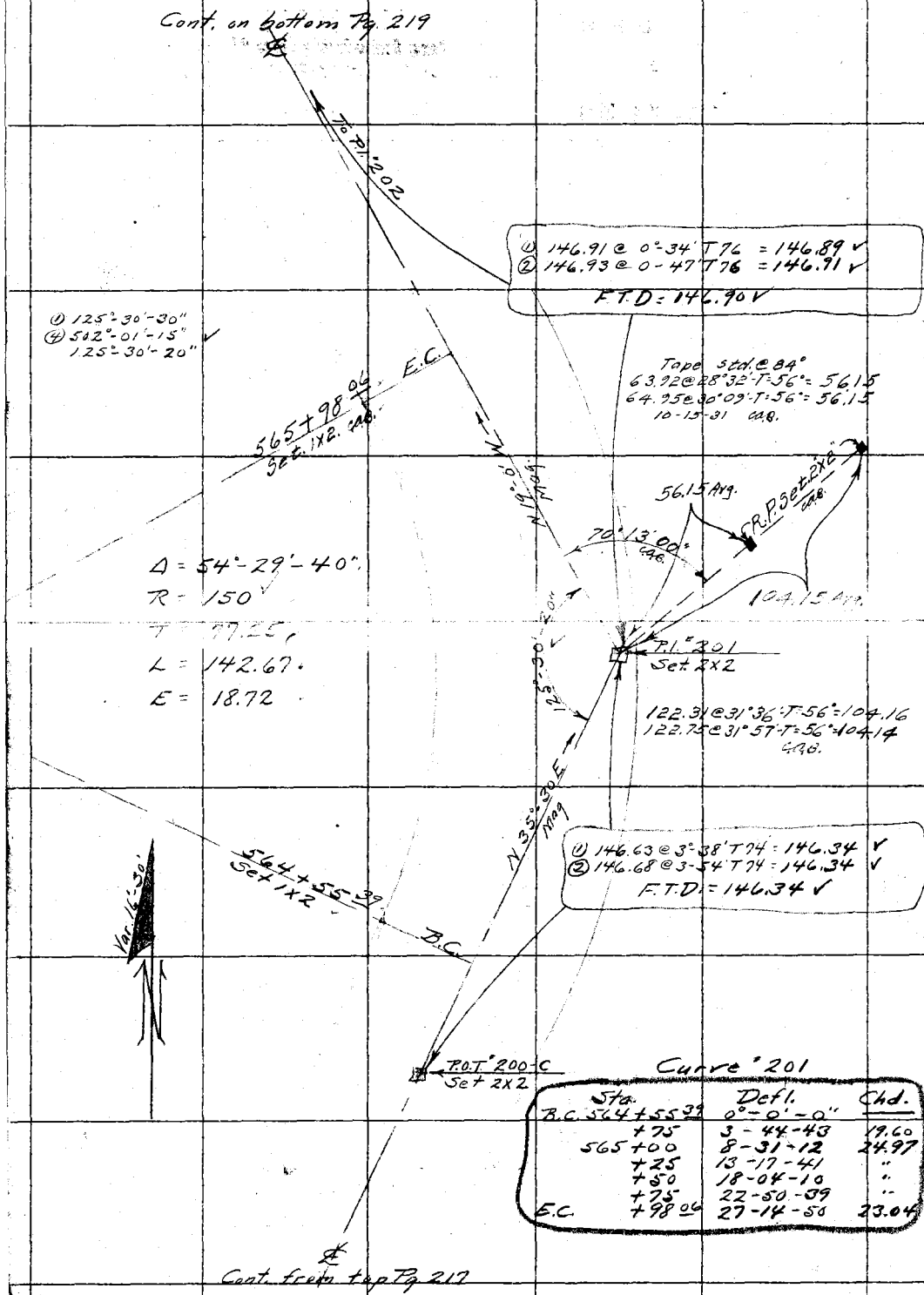
Sta	Defl.	Chd.
B.C. 562+17.67	0°-0'-0"	
+25	1-46-47	7.33
+50	7-24-34	24.96
+75	13-08-20	"
563+00	18-52-06	"
+25	24-35-53	"
+50	30-19-40	"
E.C. +63.33	33-22-55	13.32

Cont. from top Pg. 216

Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE BY CHIEF OF PARTY WITH DATE AND NAME OF PERSON MAKING CHANGE.
Do not extend notes this side of this line
Return to LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 218 Chief Party Notes by A.N.H. Date 9-20-31

Cont. on bottom Pg. 219



Curve #201

Sta.	Defl.	Chd.
B.C. 564+55.39	0°-0'-0"	
+75	3-44-43	19.60
565+00	8-31-12	24.97
+25	13-17-41	"
+50	18-04-10	"
+75	22-50-39	"
E.C. +98.06	27-14-50	23.04

RETURN TO
LOS ANGELES COUNTY SURVEYOR

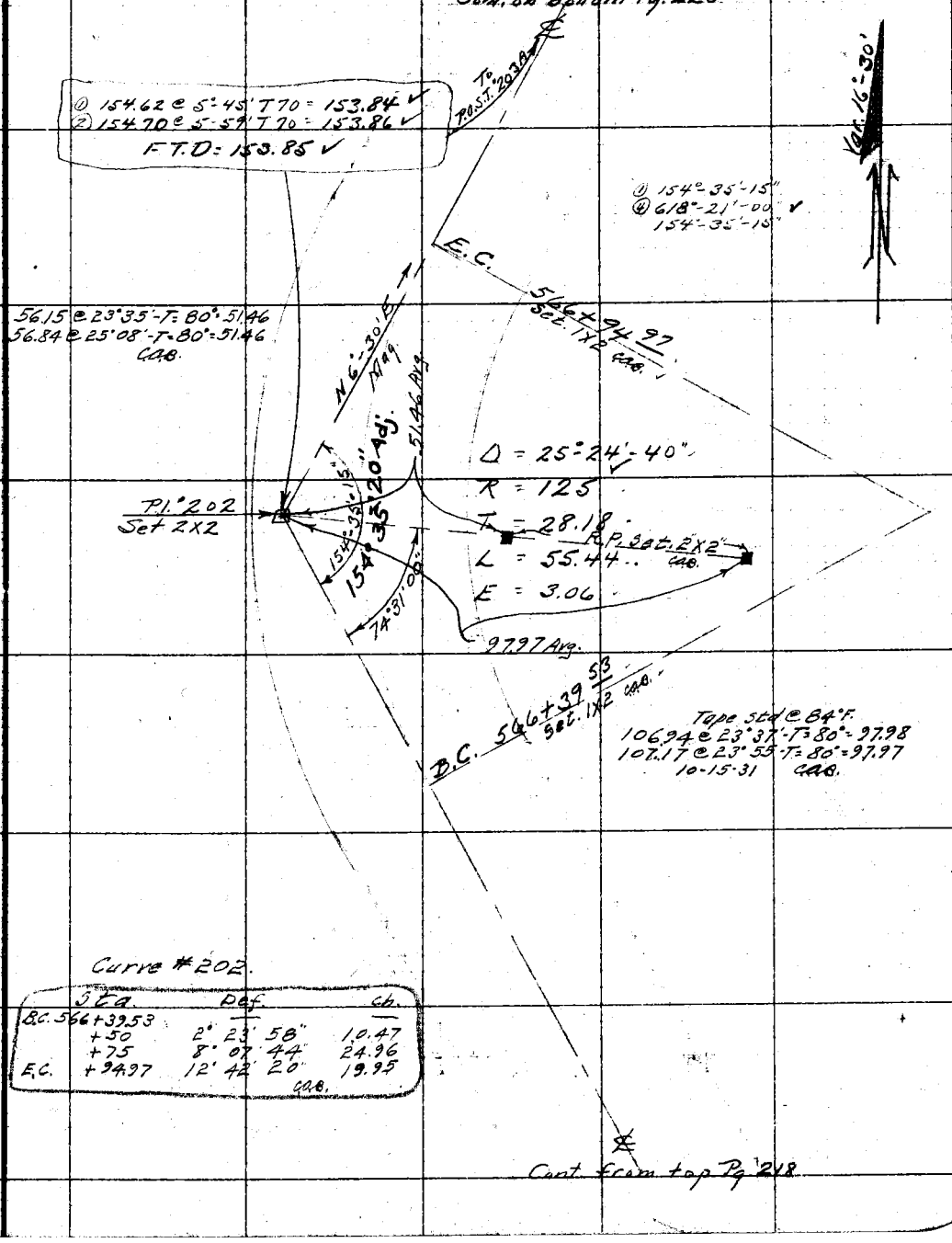
Do not extend notes this side of this line

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

Date 9-20-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 219

Plotted by H.U.M.H.	W.O. No. 948 Tape No. 140
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. CS.B.471-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by Drew	Date 9-20-31
Date NOV 24 1931	Indexed A. C. Johnson

Cont. on bottom Pg. 220.



Curve #202.

Sta.	Def.	Ch.
B.C. 566+39.53		
+50	2° 23' 58"	10.47
+75	8° 07' 44"	24.96
E.C. +94.97	12° 42' 20"	19.95

C.A.B.

Cont. from top Pg. 218

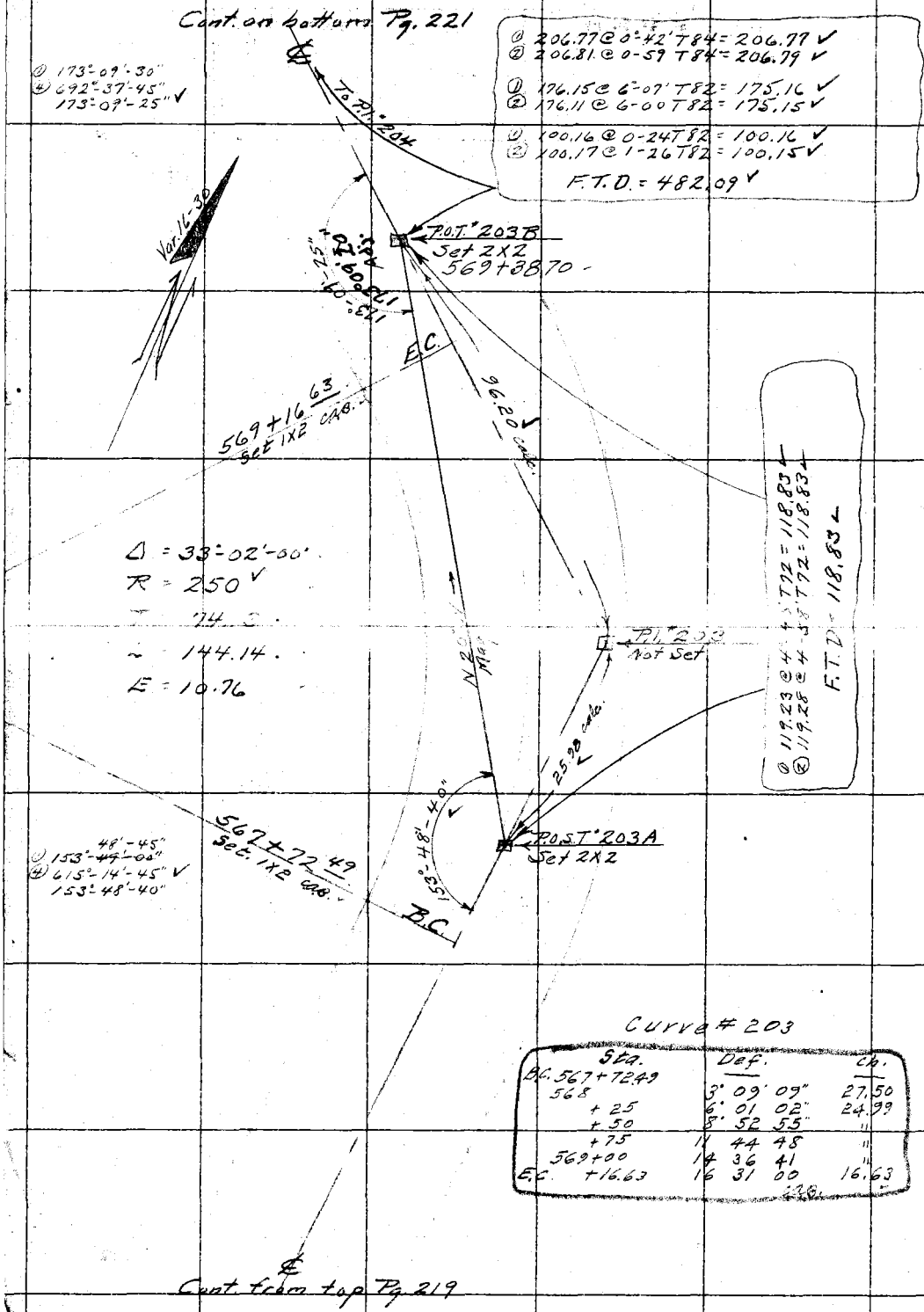
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO: LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 220 Chief Party Notes by A.N.H. Date 9-21-31

Cont. on bottom Pg. 221



Curve # 203

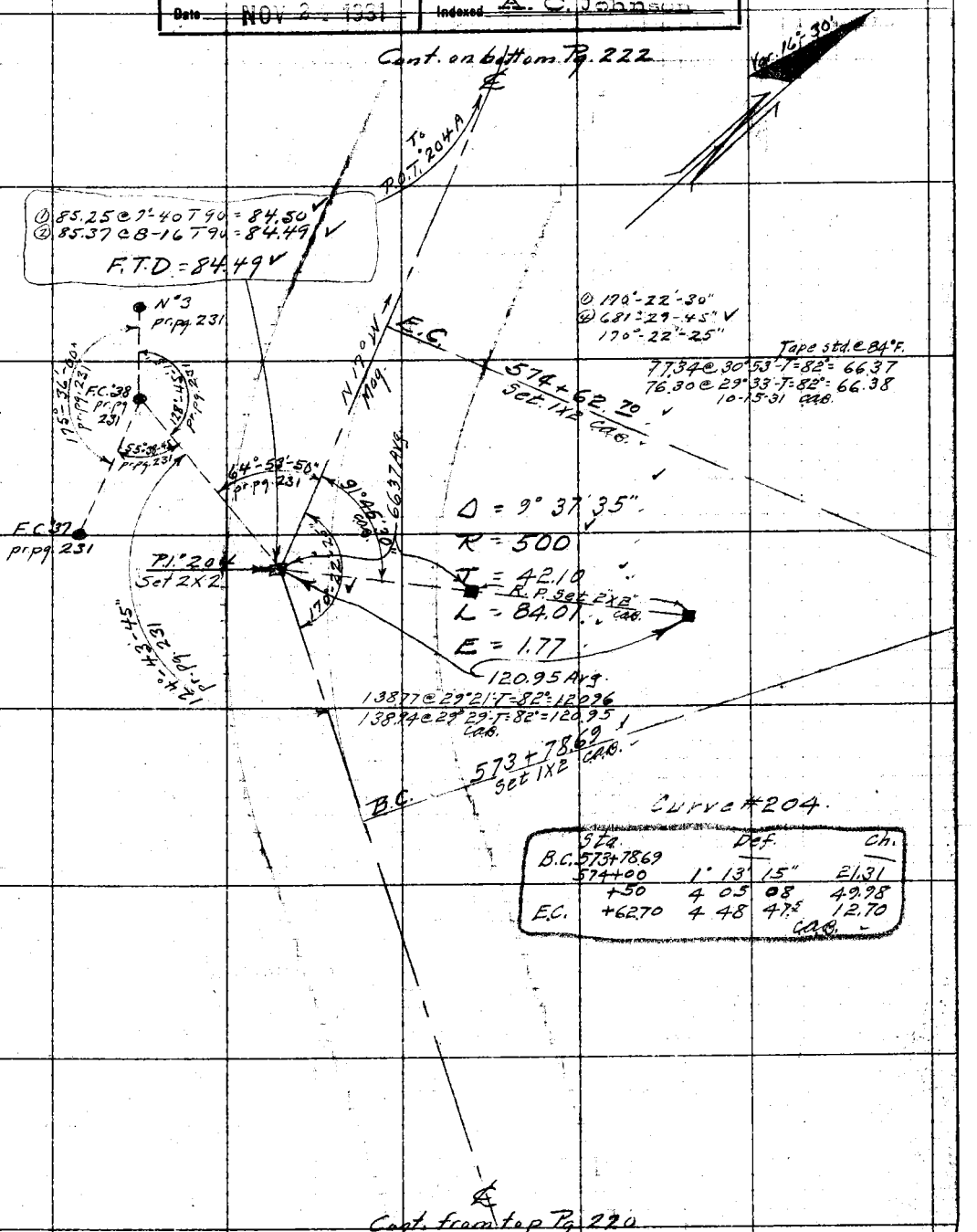
Sta.	Def.	Ch.
B.C. 567+72.49		
568	3° 09' 09"	27.50
+ 25	6° 01 02"	24.99
+ 50	8° 52 55"	"
+ 75	11 44 48	"
569+00	14 36 41	"
E.C. +16.63	16 31 00	16.63

Cont. from top Pg. 219

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 9-21-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 221

Plotted by H.U.M.H.	W.O. No. 948 Tape No. #40
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. CS.B.471-3	Surveyed by A. N. HELLSTROM
Plotting C'k'd by [illegible]	Date 9-21-31
Date NOV 2[illegible] 1931	Indexed A. C. Johnson

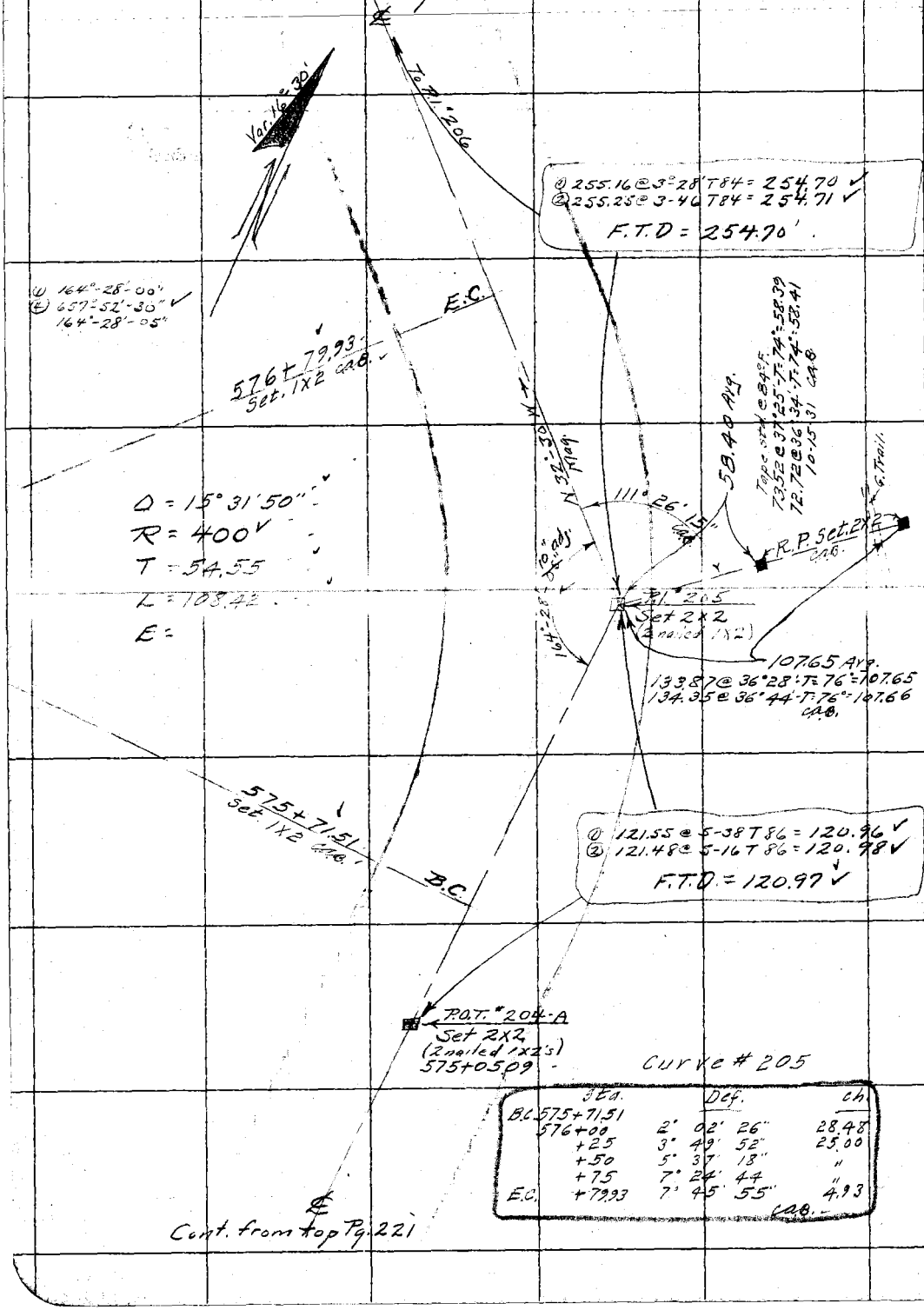


Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

Cont. on bottom Pg. 223



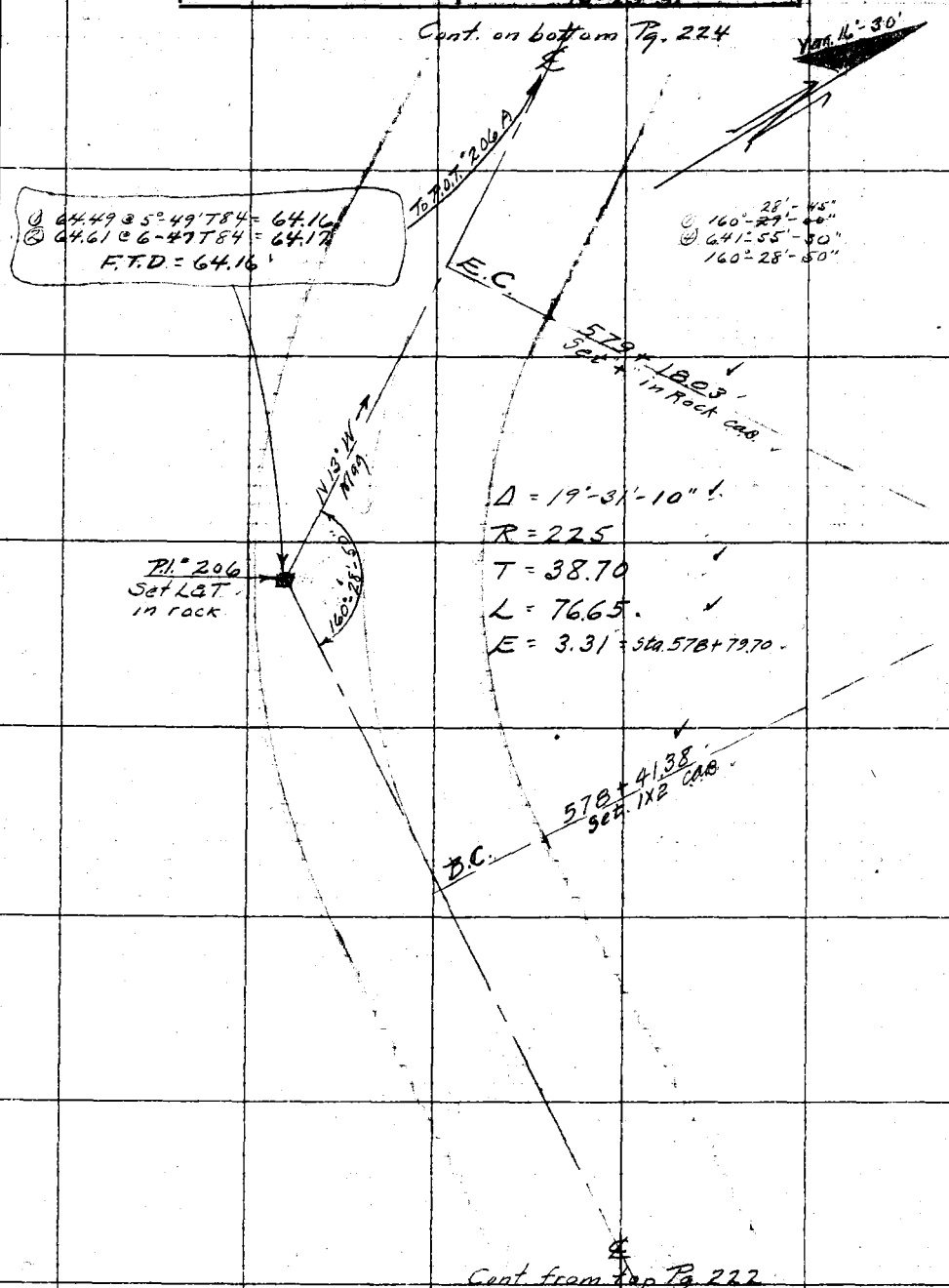
Cont. from top Pg. 221

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 9-21-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 223

Plotted by H.U.M.H.	W.O. No. 948 Page No. 40
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. CS B-471-3.	Surveyed by A. N. HELLSTROM
Plotting C'k'd by DKCW	Date 9-21-31
Date ~~NOV 24 1931~~	Indexed A. C. Johnson 10-23-31

Cont. on bottom Pg. 224



Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE IN CIRCLES IN Red, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this Line

RETURN TO LOS ANGELES COUNTY SURVEYOR

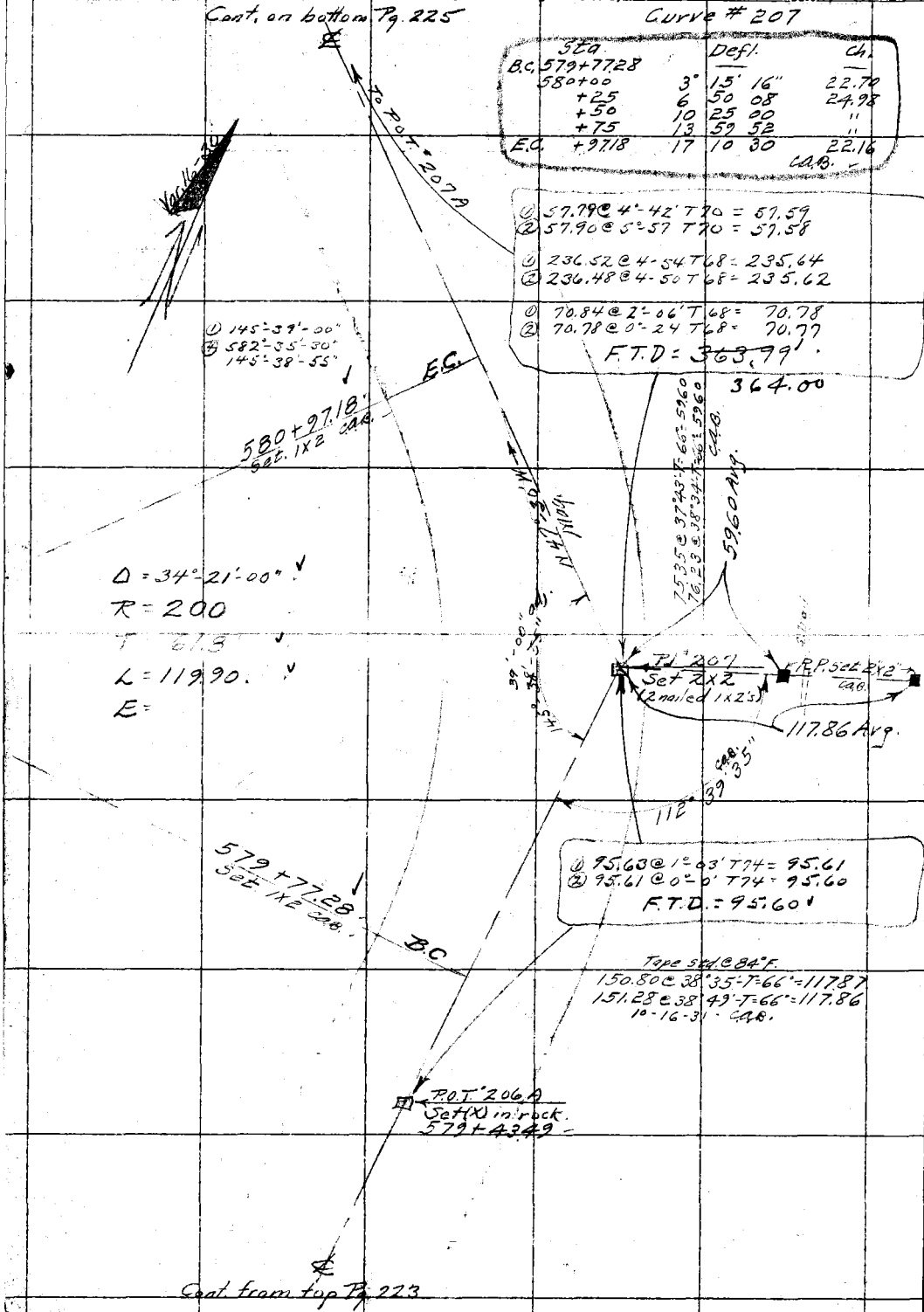
F.B. 416 Pg. 224 Chief Party Notes by A.N.H. Date 9-21-31

Cont. on bottom Pg. 225

Curve # 207

Sta.		Defl.			Ch.
B.C. 579+77.28					
580+00	3°	15'	16"		22.70
+25	6	50	08		24.98
+50	10	25	00		"
+75	13	59	52		"
E.C. +97.18	17	10	30		22.16

C.A.B.



RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

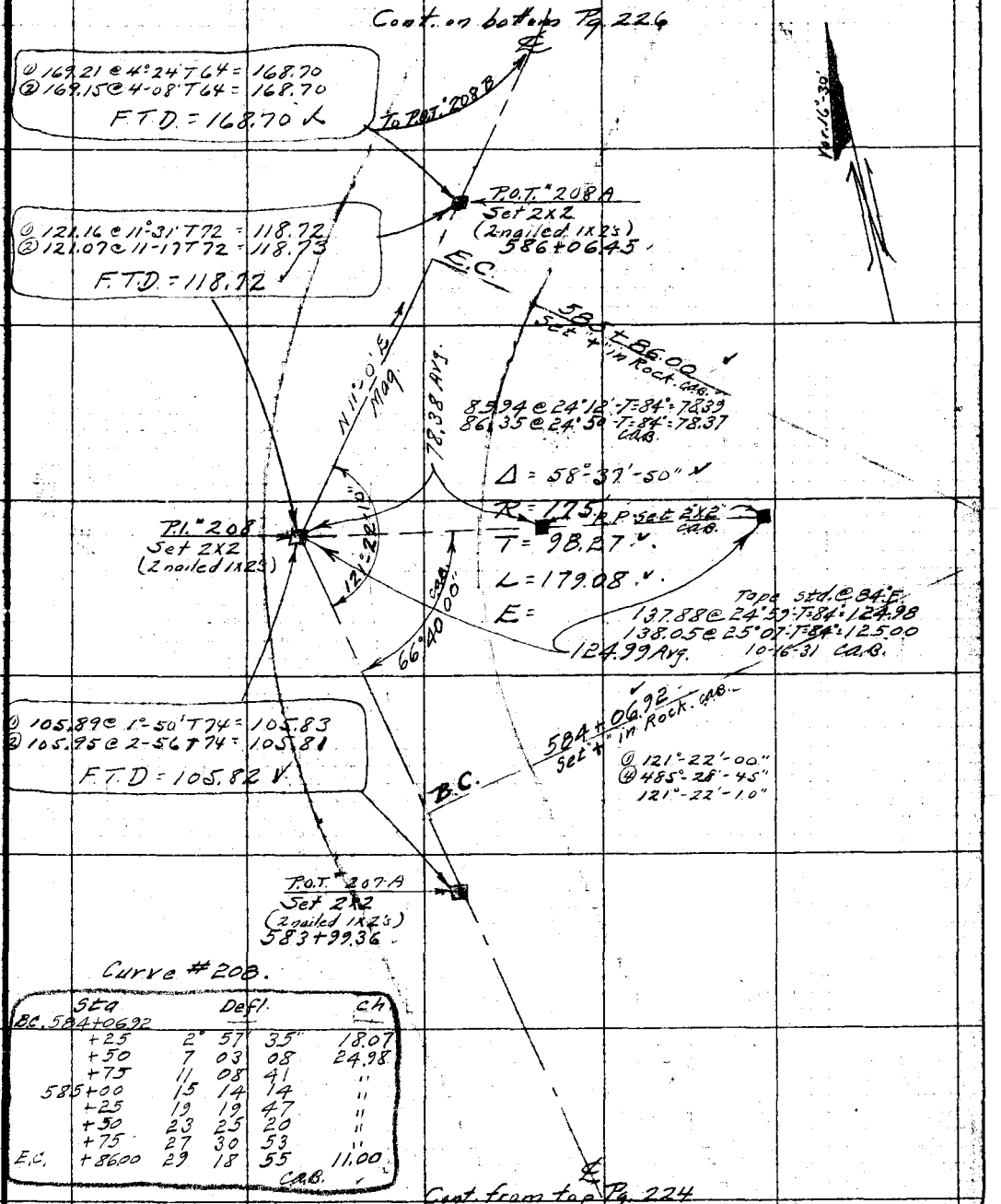
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 9-22-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 225

Platted by H.U.M.H.	W.O. No. 948 Proj. No. "40
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. CS B.471-3	Surveyed by A. N. HELLSTROM
Platting C'k'd by Drew	Date 9-22-30
Date NOV 24 1931	Indexed A. C. Johnson

Hellstrom
Svenson
Fenner
McBride

Cont. on bottom Pg. 226



Curve #208.

	Sta	Defl.			Ch
B.C. 584+06.92					
	+25	2°	57'	35"	18.07
	+50	7	03	08	24.98
	+75	11	08	41	"
	585+00	15	14	14	"
	+25	19	19	47	"
	+50	23	25	20	"
	+75	27	30	53	"
E.C.	+86.00	29	18	55	11.00

C.A.B.

Cont. from top Pg. 224

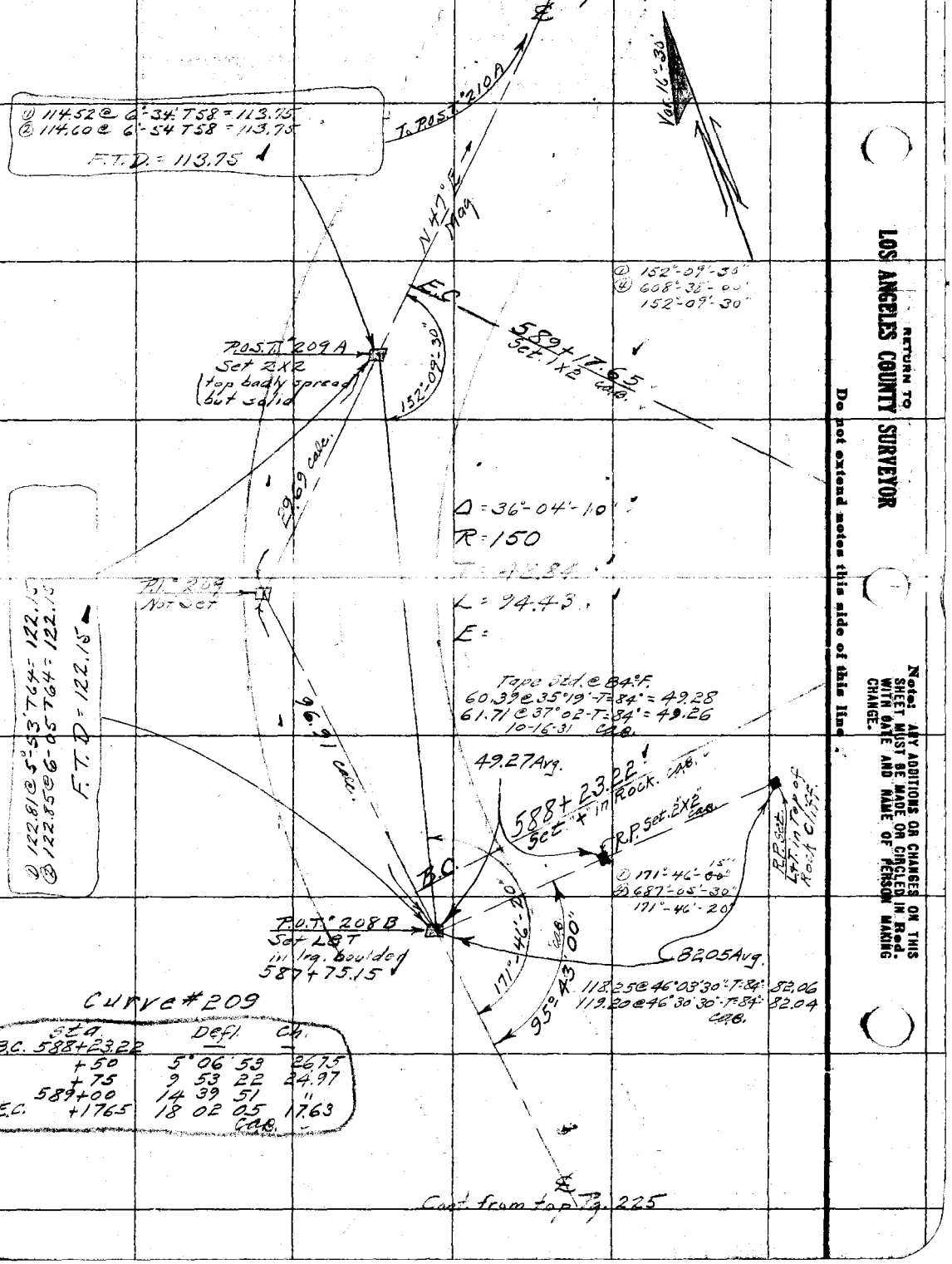
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 PG. 226 Chief Party Notes by A.N.H Date 9-22-31

Cont. on bottom Pg. 227



CURVE #209

Sta.	Defl.	Ch.
B.C. 588+23.22		
+50	5°06'53"	26.75
+75	9 53 22	24.97
589+00	14 39 51	"
E.C. +17.65	18 02 05	17.63
	cab.	

Cont. from top Pg. 225

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line.
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 9-23-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 227

Plotted by H.U.M.H.	W. O. No. 948
Date NOV 21 1931	Location Camp Rodita-Prairie Forks Rd.
Map No. CS B.471-3.	Surveyed by A. N. HELLSTROM
Plotting C.K. by Dreal	Date 9-23-31
Date NOV 24 1931	Inspected A. C. Johnson

Cont. on bottom Pg. 228

on 10-2-31
① 110°-04'-45"
② 440°-19'-00"
110°-04'-45"

(Tape std @ 84°F.)
102.04 Level T=66°=102.03
102.05 @ 1°00' T=66=102.02
10-7-31 CAB.

102.03 Avg. To P.O.S.T. #214 per Pg. 228

N°7 per pg.

N°6 per pg.

249°-55'-15"

110°-04'-45"

50°-00'-00"

89°04'10" CAB.

P.O.S.T. 210 B
Set L&T in rock
outcropping

N°5 per pg.

-89°04'-21"

21.72

168°08'29" CAB.

① 89°04'15"
② 356°16'45"
89°04'11"

① 168°08'15"
② 672°33'00"
168°08'15"
10-7-31 CAB.

E.C.

590+98.94
Set ½" in rock CAB.

D = 18°28'30"
R = 300
T = 48.79
L = 96.73
E =

① 65.41 @ 23-59 T62 = 59.75
② 45.73 @ 24-39 T62 = 59.75
F.T.D. = 59.75

P.L. 210
Not Set

N 53°45' E
Mag.

38.75 CAB.

P.O.S.T. 210 A
Set N&T in root

173°23'30"

B.C.

590+02.21
Set ½" in Rock CAB.

① 173°-23'-30"
② 693-33'-00"
173°-23'-15"

CURVE #210

Sta.	Defl.	Ch.
B.C. 590+02.20		
+25	2° 10' 35"	22.78
+50	4 33 50	24.99
+75	6 57 05	24.99
E.C. +98.94	9 14 15	23.93
		CAB.

① 102°-47'-30"
② 411°-10'-00"
102°-47'-30"

① 50°-00'-00"
② 200°-00'-00"
50°-00'-00"

① 60°-04'-45"
② 240°-19'-00"
60°-04'-45"

① 249°-55'-15"
② 999°-41'-00"
249°-55'-15"

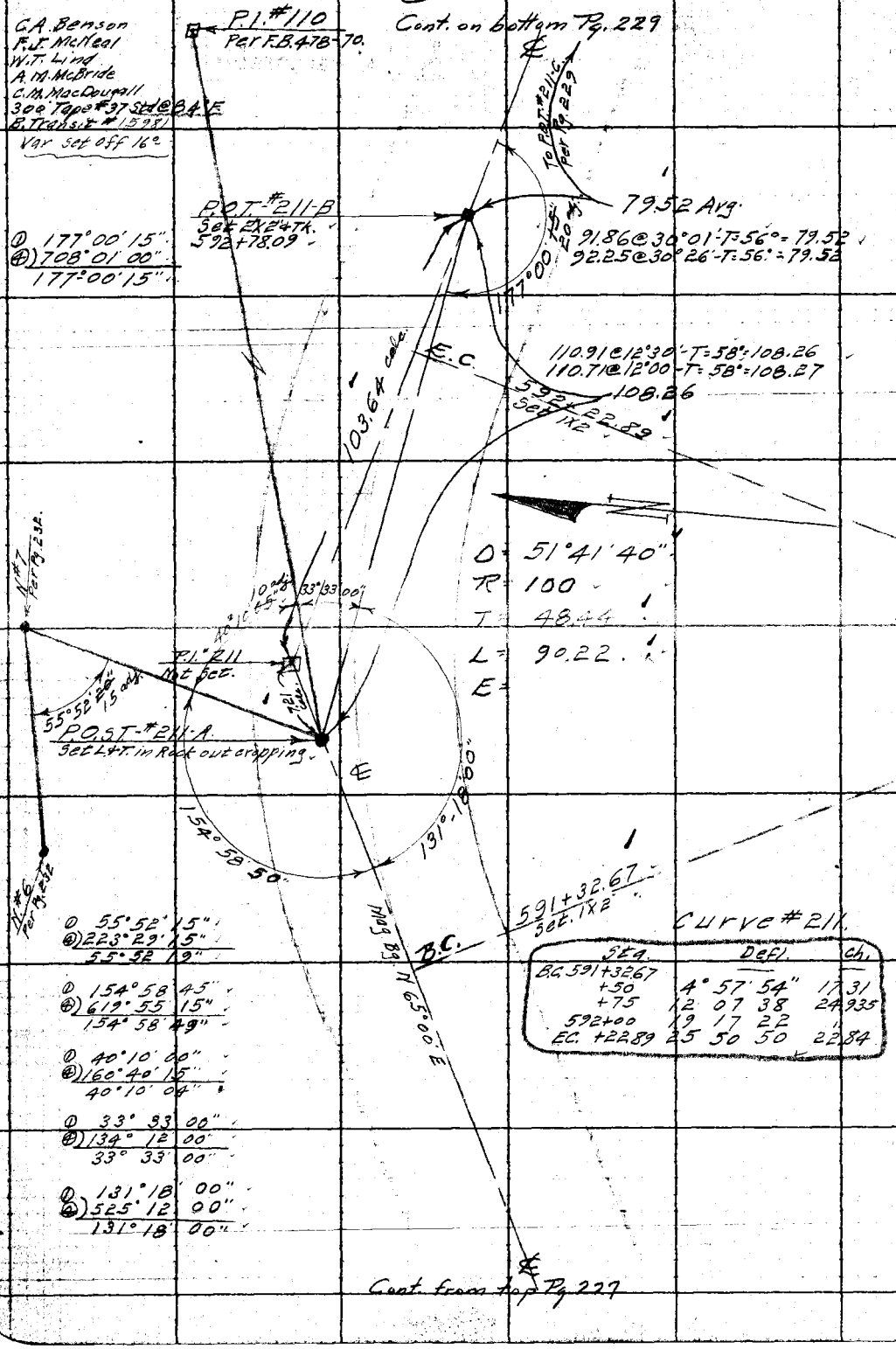
Cont. from top Pg. 226

Notice: Any alterations or changes on this sheet must be made by the person making change.
Do not extend notes this side of this line
RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 228 — Chief Party Notes by — Date 10-7-31

C.A. Benson
F.J. McNeal
W.T. Lind
A.M. McBride
C.M. MacDougall
300' Tape #37 Std @ 84° F.
B. Transit #15981
Var set off 16°

Cont. on bottom Pg. 229



① 177°00'15"
④ 708°01'00"
177°00'15"

① 55°52'15"
④ 223°29'15"
55°52'19"

① 154°58'45"
④ 619°55'15"
154°58'49"

① 40°10'00"
④ 160°40'15"
40°10'04"

① 33°33'00"
④ 134°12'00"
33°33'00"

① 131°18'00"
④ 525°12'00"
131°18'00"

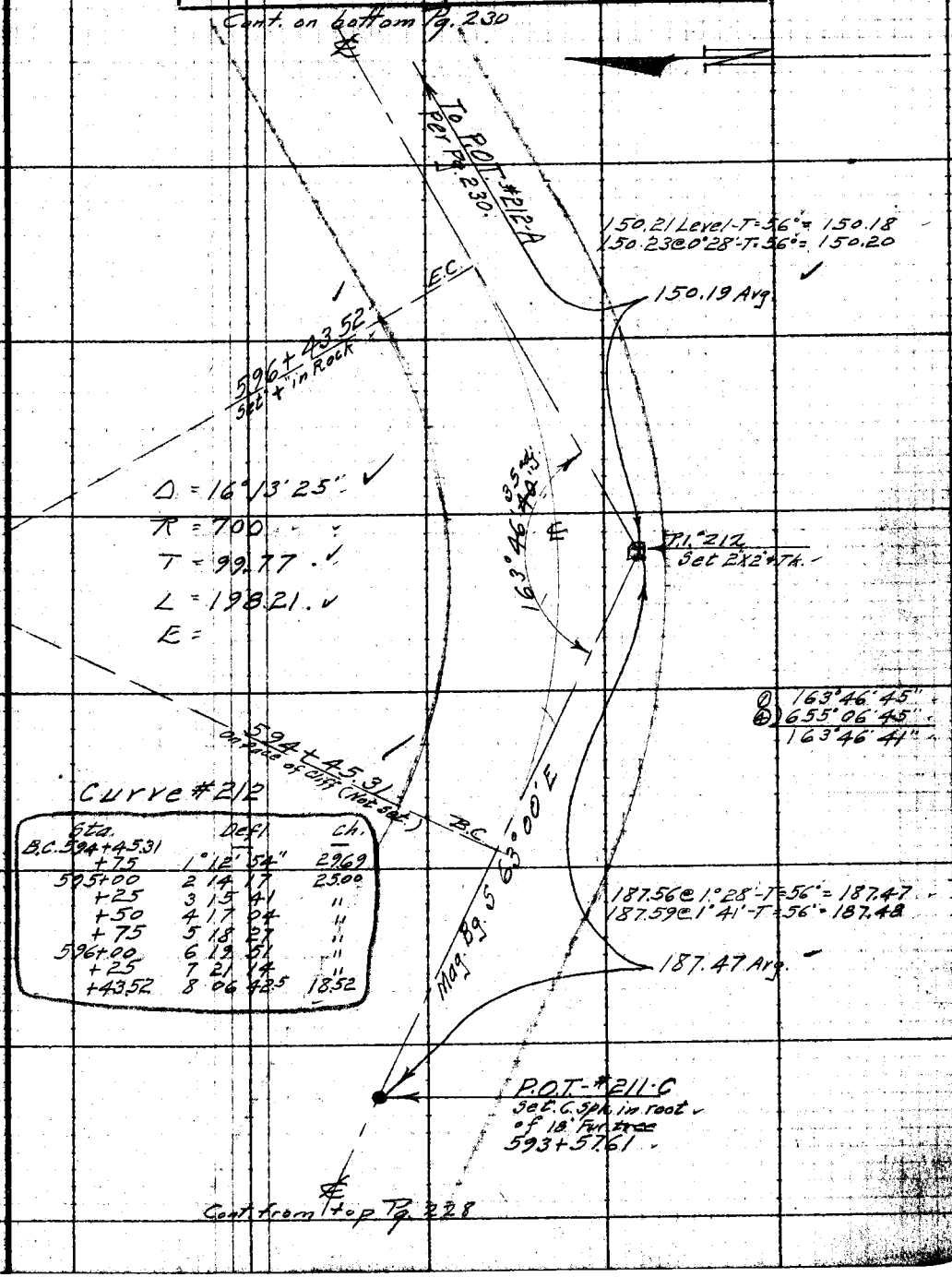
Cont. from top Pg. 227

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 10-7-31 Notes by: [illegible] Chief Party: [illegible] F.B. 416 Pg. 229

Plotted by: H. U. M. H.	W. O. No. 948 O. E. No. TYPE # 37 Sta. 0+84 F.
Date: NOV 21 1931	Location: Camp Bonita-Prairie Forks Rd.
Map No. CS B. 4T1-3.	Surveyed by: E.A. BEHSOM
Plotting Chk'd by: [illegible]	Date: Oct. 7, 1931
Date: NOV 2 1931	Indexed: A. C. Johnson

Cont. on bottom Pg. 230



Sta.	Defl.	Ch.
B.C. 594+45.31		
+75	1°12'54"	29.69
595+00	2 14 17	25.00
+25	3 15 41	"
+50	4 17 04	"
+75	5 18 27	"
596+00	6 19 51	"
+25	7 21 14	"
+43.52	8 06 42.5	18.52

Cont. from top Pg. 228

Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE IN RED, CHECKED IN RED, WITH DATE AND NAME OF PERSON MAKING CHANGE.
Do not extend notes this side of this line
RETURN TO LOS ANGELES COUNTY SURVEYOR

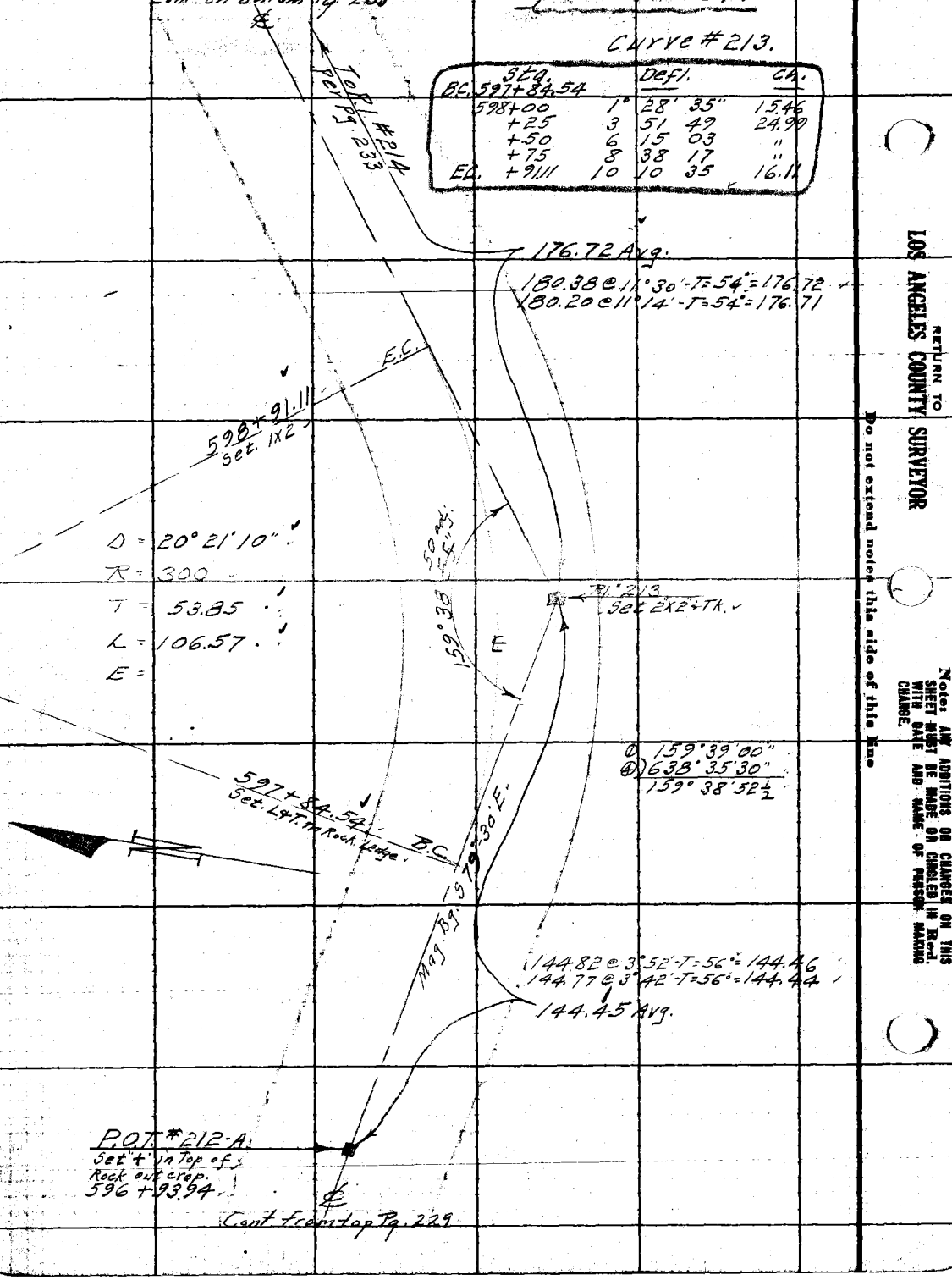
F.B. 416 Pg. 230 — Chief Party — Notes by — Date 10-7-31

Cont. on bottom Pg. 233

Tape #37 std. @ 84°F.

Curve #213.

Sta.		Defl.		Ch.
BC. 597+84.54				
598+00	1°	28'	35"	15.46
+25	3	51	49	24.99
+50	6	15	03	"
+75	8	38	17	"
EC. +91.11	10	10	35	16.11



RETURN TO LOS ANGELES COUNTY SURVEYOR

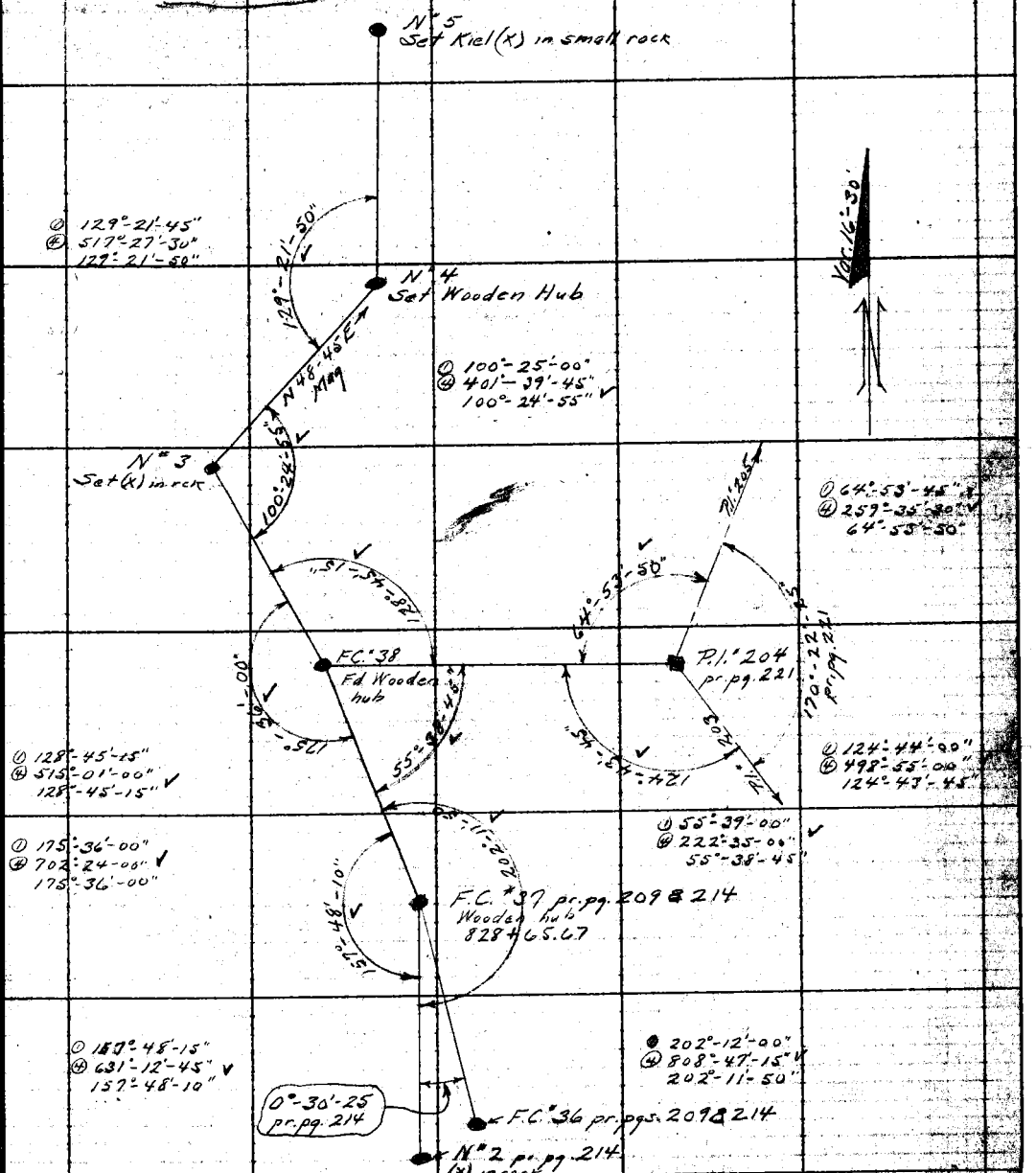
Do not extend notes this side of this line

Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHOSEN IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 9-23-31 Notes by A.N.H. Chief Party F.B. 416 Pg. 231

Plotted by H.U.M.H.	W. O. No. 948 G. S. O. No.
Date NOV 21 1931	Location Cp. Bon. - Pr. Fks. Rd
Map No. CSB.471-3.	Surveyed by Hellstrom
Plotting Ck'd by Drew	Date 9-23-31
Date NOV 2 1931	Indexed A. C. Johnson

Angular Closure



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

Do not extend notes this side of this line

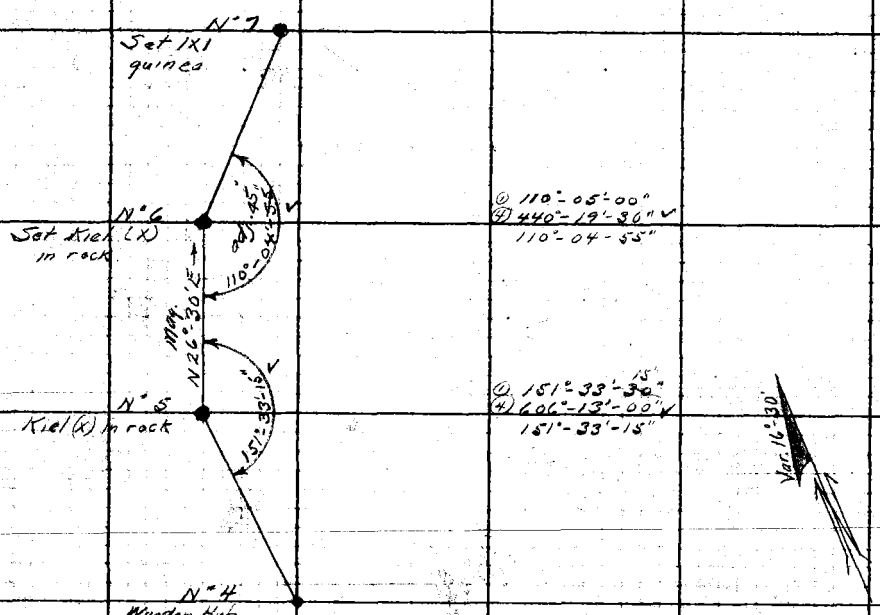
RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 PG. 232 Chief Party Notes by Date

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

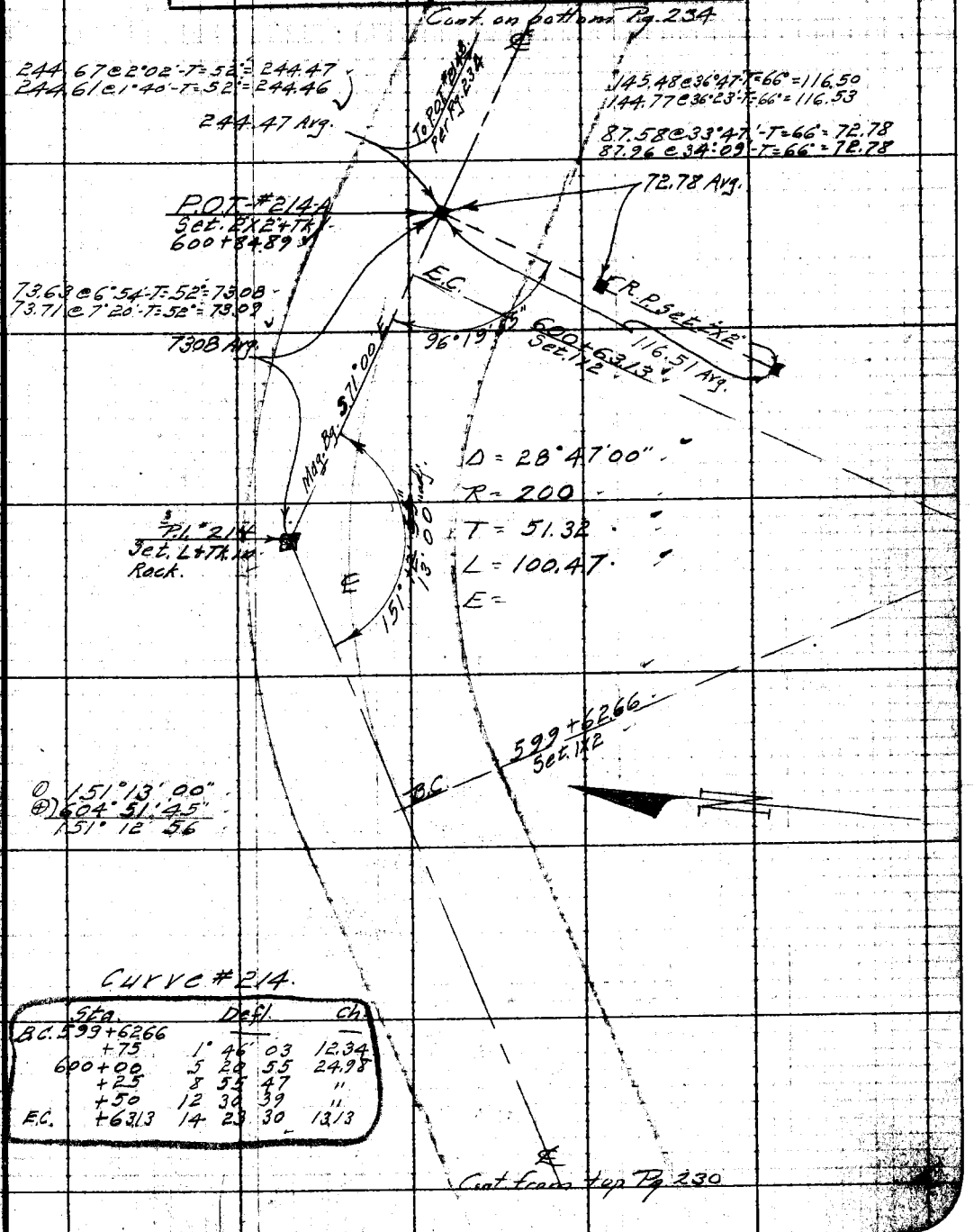
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE ON CHECKED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE



Date 10-7-31 Notes by [illegible] Chief Party [illegible] F.B. 416 Pg. 233

Topo # 37
Std. @ 84°F.

Plotted by H. U. M. H.	W. O. No. 948 D. O. C. No.
Date NOV 21 1931	Location Camp Bonita-Prairie Forks Rd.
Map No. CSB-471-3	Surveyed by C. A. Benson
Plotting Chk'd by Drew	Date Oct. 7, 1931
Date NOV 24 1931	Indexed [illegible]



Curve #214.

Sta.	Defl.	Ch.
B.C. 599+62.66		
+75	1° 46' 03	12.34
600+00	5 20 55	24.98
+25	8 55 47	"
+50	12 30 39	"
E.C. +63.13	14 23 30	13.13

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

RETURN TO LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

F.B. 416 Pg. 234 Chief Party Notes by Date 10-7-31

Cont. on bottom Pg. 235

Tape #37 std @ 84°F

189.49 @ 31°30'-T=44°=161.52
190.57 @ 32°03'-T=44°=161.48
161.50 Avg.

92.88 @ 31°14'-T=44°=79.40
92.97 @ 31°19'-T=44°=79.41
79.40 Avg.

To POST 216-A Per Pg. 235

116.31 @ 7°42'-T=58°=115.24
116.15 @ 7°07'-T=58°=115.24
115.24 Avg.

E.C.

605+12.79
Set 1"x2"

79.40 Avg.

R.P. Set 2"x2"

161.50 Avg.

Δ = 17° 21' 40"
R = 300'
T = 45.80
L = 90.90
E = 3.48

20° adj. 30'

162° 33'

Set L+Tk. in Rock

126° 25' 45"

604+21.89
Set 1"x2"

Curve #215

Sta.		Defl.	Ch.
B.C. 604+21.89			
+50	2	41' 04"	28.10
+75	5	04 18	24.99
605+00	7	27 33	"
E.C. +12.79	8	40 50	12.79

B.C.

S. 71°00' E.

① 162° 38' 30"
④ 650° 34' 00"
162° 38' 30"

138.37 Level-T=56°=138.34
138.39 @ 1°06'-T=56°=138.33
138.33 Avg.

Mag. Bg.

POT #214-B
Set 2"x2"+Tk.
603+29.36

Cont from top Pg. 233

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

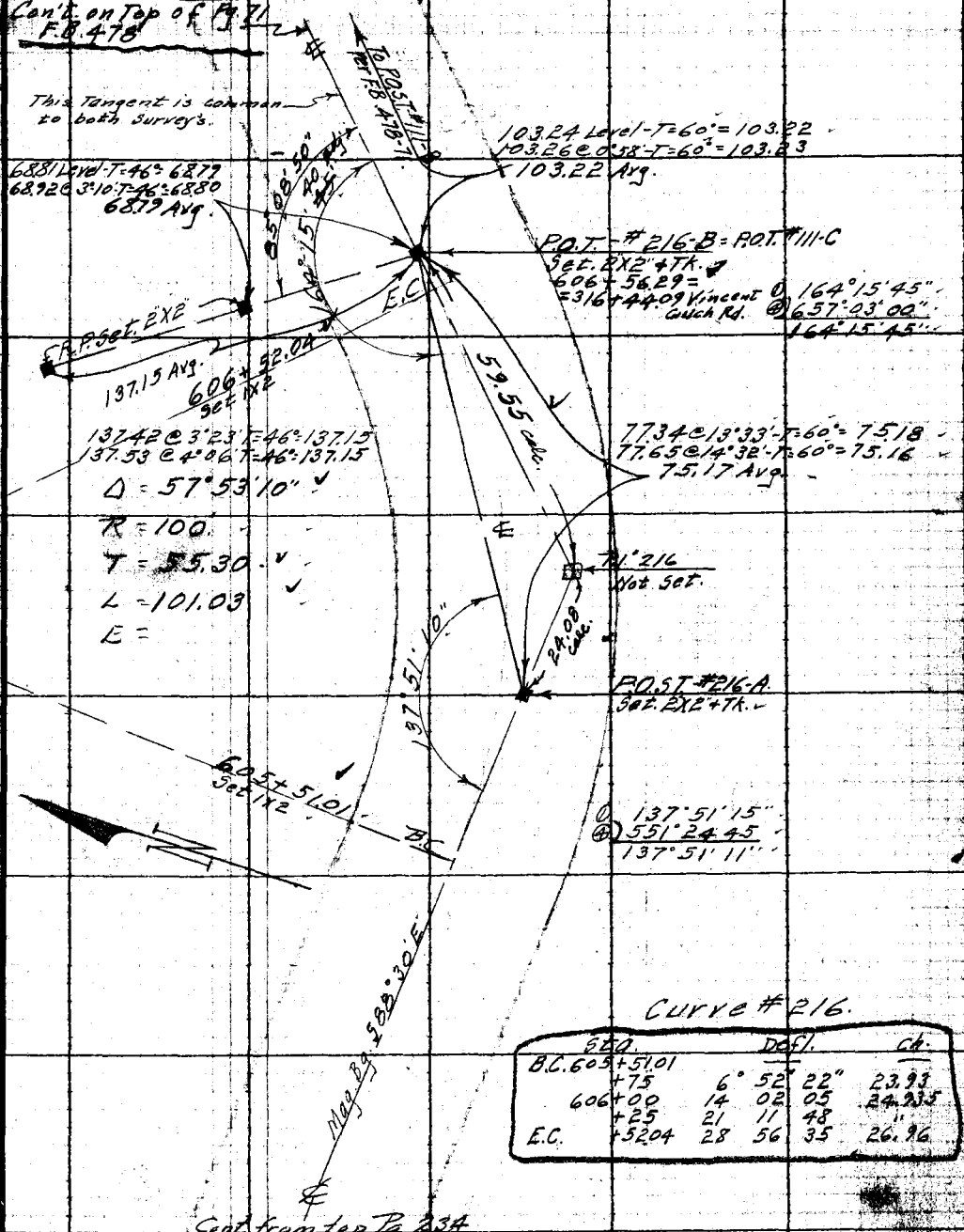
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 10-7-31 Notes by B Chief Party B F.B. 416 Pg 235

Tape #37 Std @ 84° F.

Plotted by	H. U. M. H.	W. O. No.	948
Date	NOV 21 1931	Location	Camp Bonita-Prairie Forks Rd.
Map No.	CS.B. 471-3	Surveyed by	C. A. Benson
Plotting Chk'd by	Drew	Date	Oct. 7, 1931
Date	NOV 24 1931	Indexed	A. C. Johnson

Con't. on Top of Pg. 71 F.B. 478



Curve #216.

Sta.		Defl.			Ch.
B.C. 605	+51.01				
	+75	6°	52'	22"	23.93
606	+00	14	02	05	24.935
	+25	21	11	48	"
E.C.	+52.04	28	56	35	26.96

Cont. from top Pg. 234

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 PG. 236 Chief Party Notes by Date

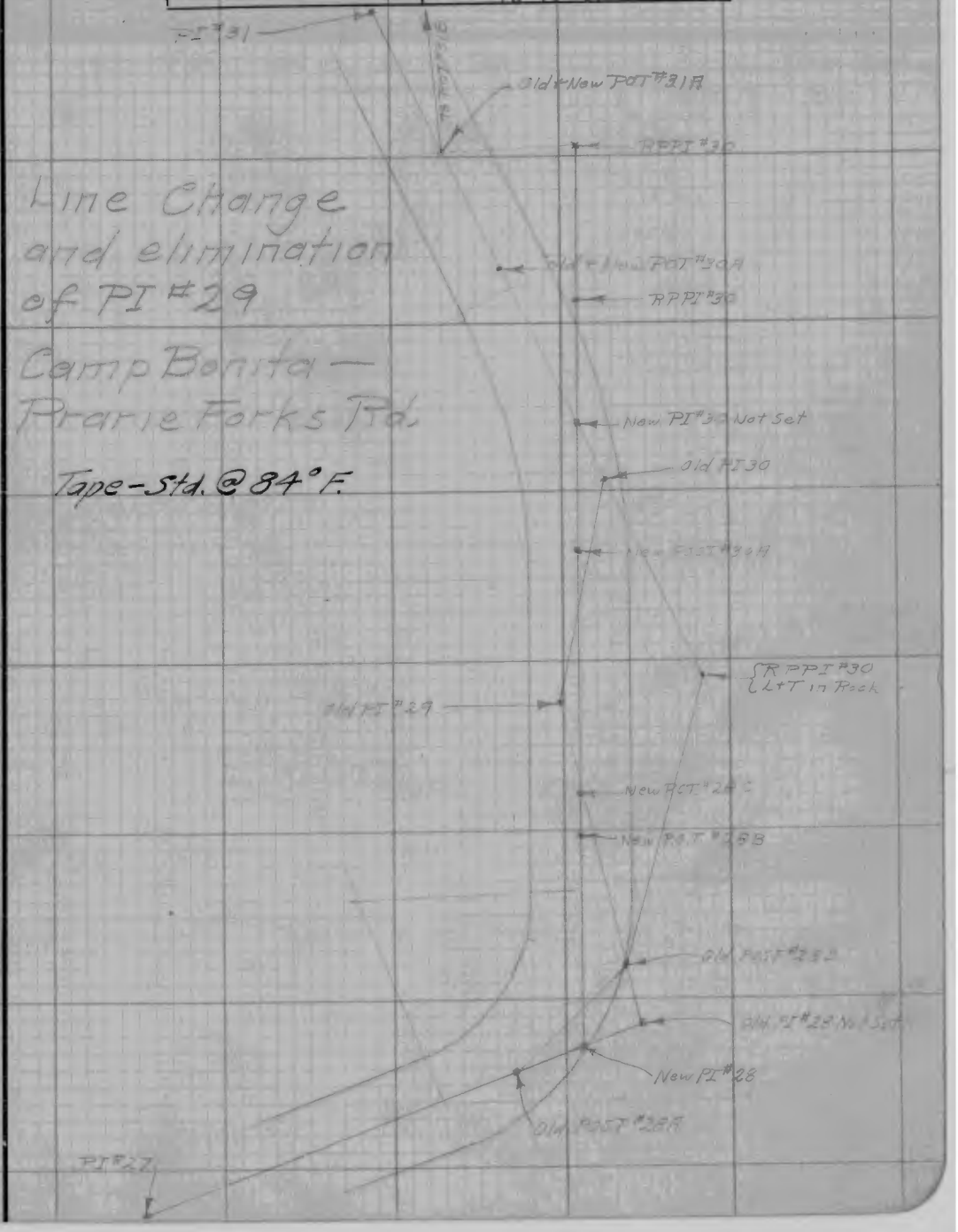
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date Dec. 1931 Notes by Brunty Chief Party Brunty F.B. 416 Pg. 237

Platted by R.W.Mc	W. O. No. 948 D. S. O. No.
Date June 1932	Location Camp Bonita Prarie Forks Rd.
Map No. B-471-1	Surveyed by C.E. Brunty
Platting C'k'd by M. D. DARLING	Date Dec. 1931
Date JUN 2 8 1932	Indexed A. C. Johnson 12-19-31

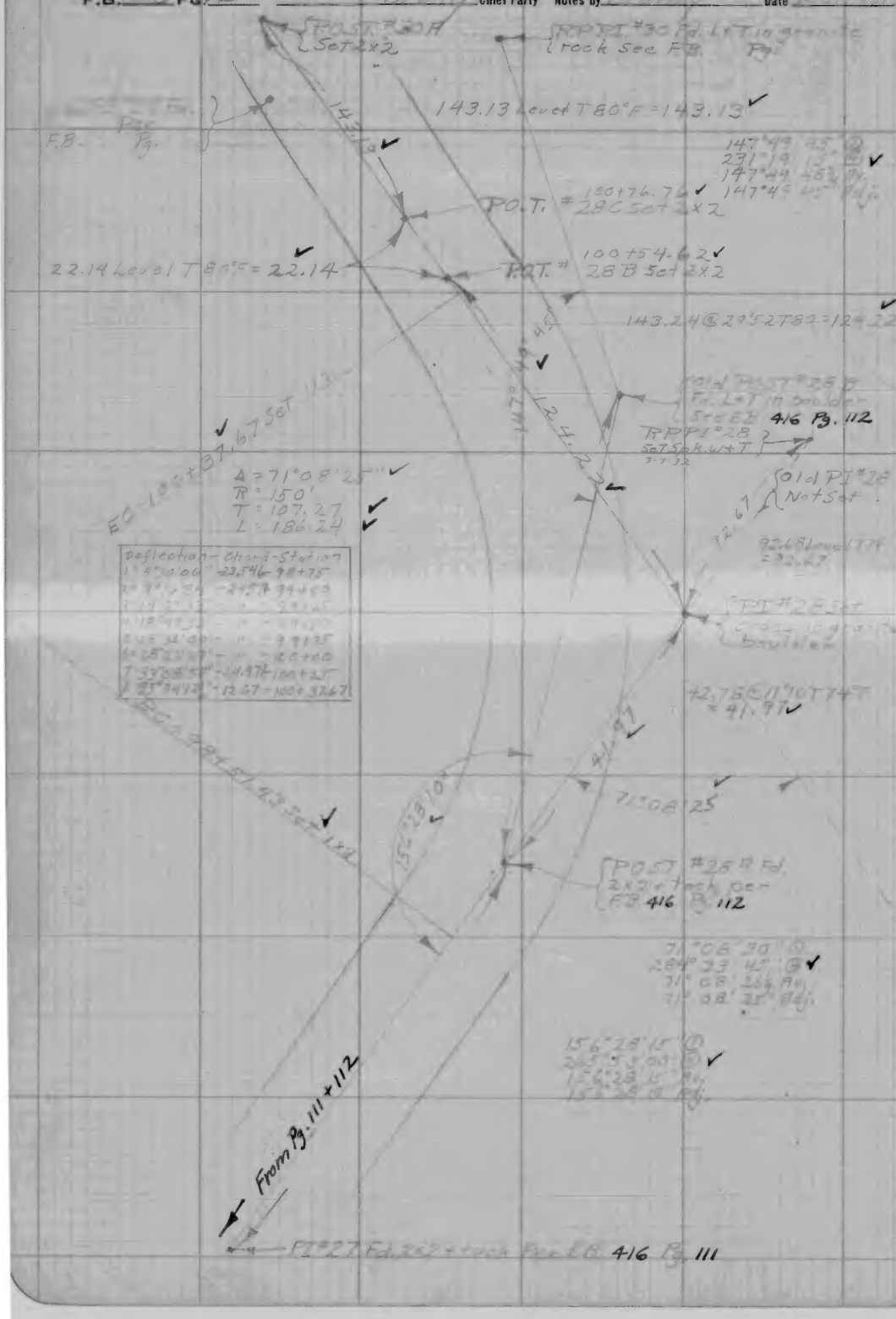


Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 238 Brunty Chief Party Notes by Brunty Date Dec. 1931



RETURN TO

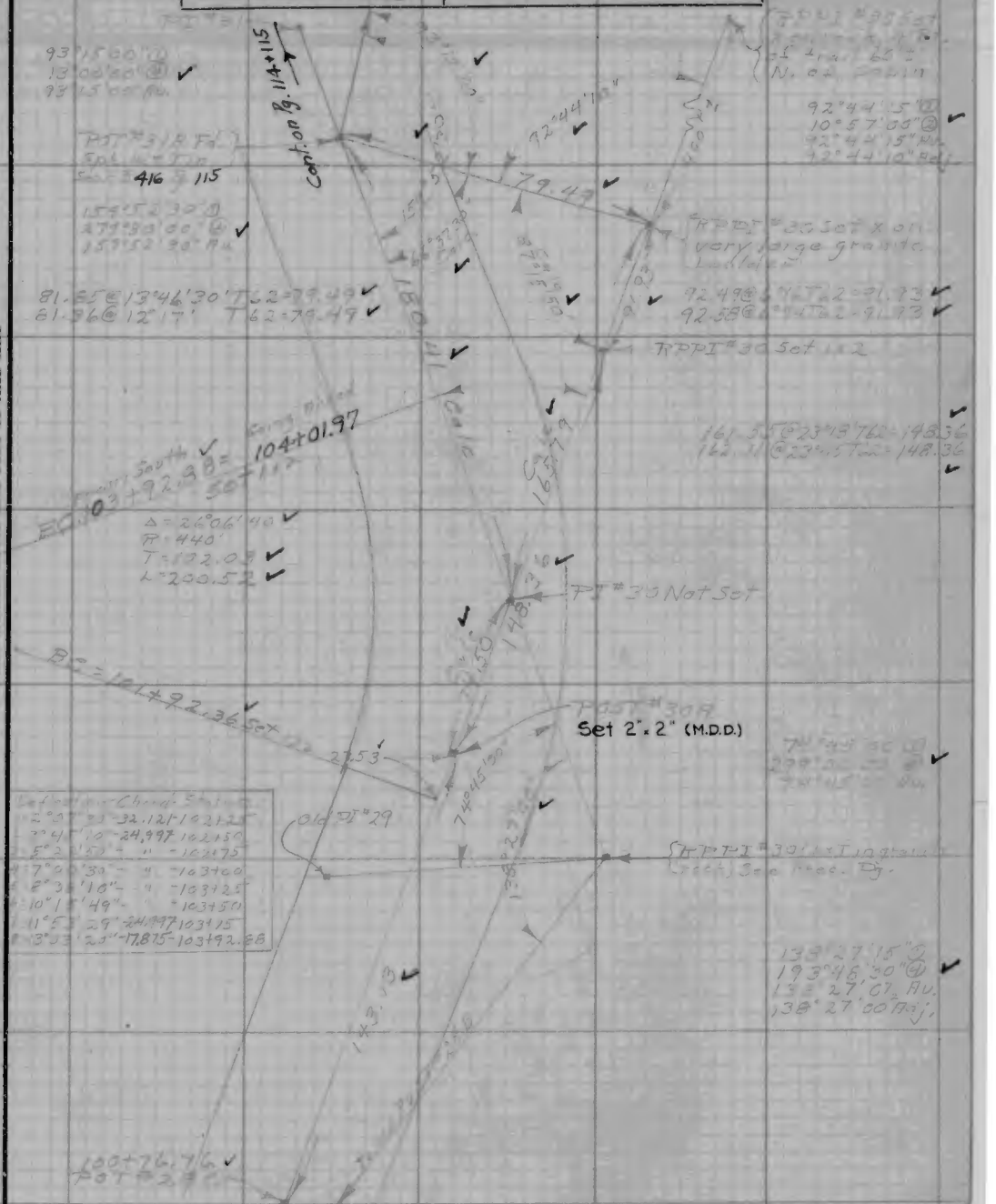
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date [illegible] Notes by [illegible] Chief Party [illegible] F.B. 416 Pg. 239

Platted by R.W.Mc	W. O. No. 948 D. S. O. No.
Date June 1932	Location
Map No. B-471-1.	Surveyed by
Platting C'k'd by M.D. DARLING	Date
Date JUN 8 - 1932	Indexed



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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 PG. 290 _____ Chief Party Notes by _____ Date _____

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date _____ Notes by _____ Chief Party _____ F.B. 416 PG 241

Platted by _____	W. O. No. 948 D. S. O. No. _____
Date _____	Location _____
Map No. _____	Surveyed by County
Platting C'k'd by _____	Date 3-2 [illegible]
Date _____	Indexed A. C. Johnson 4-15-32

Ties to Shaft, Trees & Mounds
on Mining Claims
Along Camp Bonita - Prairie Fork Rd
W.O. 948

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

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

F.B. 416 PG 242 Chief Party Notes by Date

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Notes Ck'd by M.D. Darling	Survey of Coon Bonita Range Fork
Map No. B-471	W. O. 948 Tape No. 14 St'd 54 °F.
Office Work R.W. Mc	Surveyed by CK Brunty
Checked	Notes Brunty Date 3-29-32
Date	Indexed A. C. Johnson

F.B. 416 Pg. 243

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

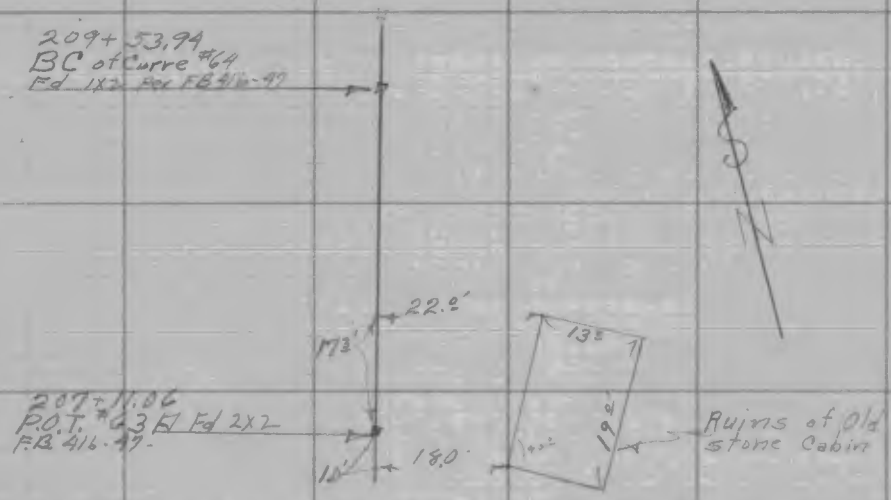
Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 5-31

F.B. 416 Pg. 244

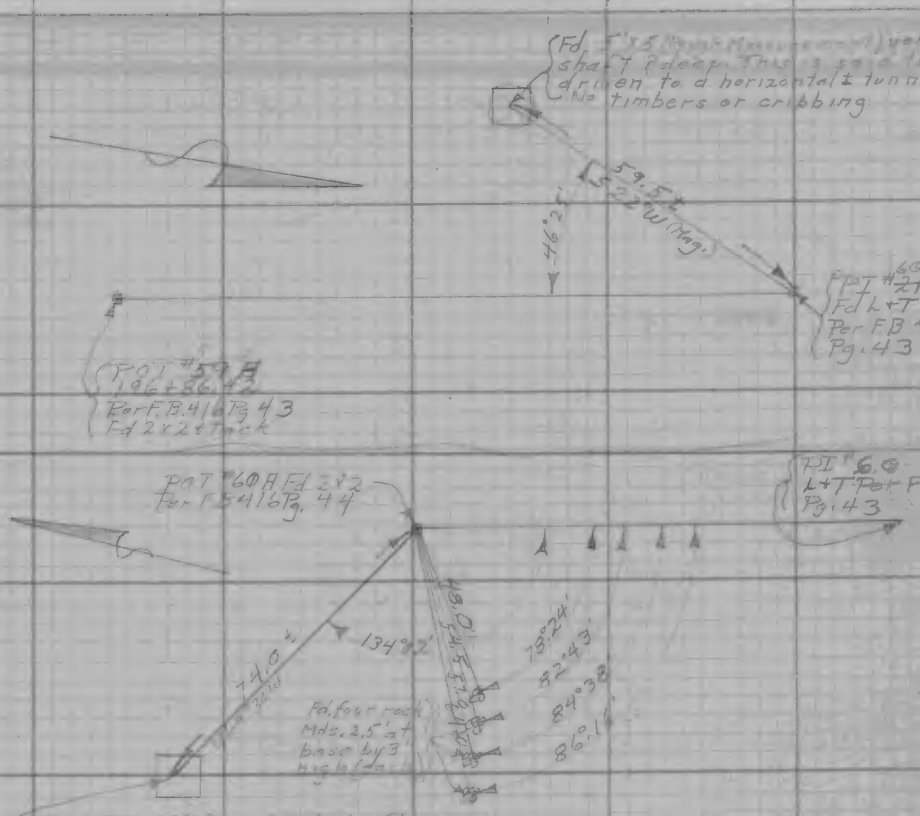
Location of Cabin Ruins on Cook's Flat.



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by M. D. D.	Survey of [illegible]	F.B. 416	Pg. 245
Map No. B-471	W. O. [illegible] Tape No. 14 St'd 54 °F.		
Office Work R.W. Mc	Surveyed by [illegible]		
Checked M. D. D.	Notes [illegible] Date 3-29-32		
Date May 27, 1932	Indexed A. C. Johnson		



Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 8-31

F.B. 416 Pg. 246

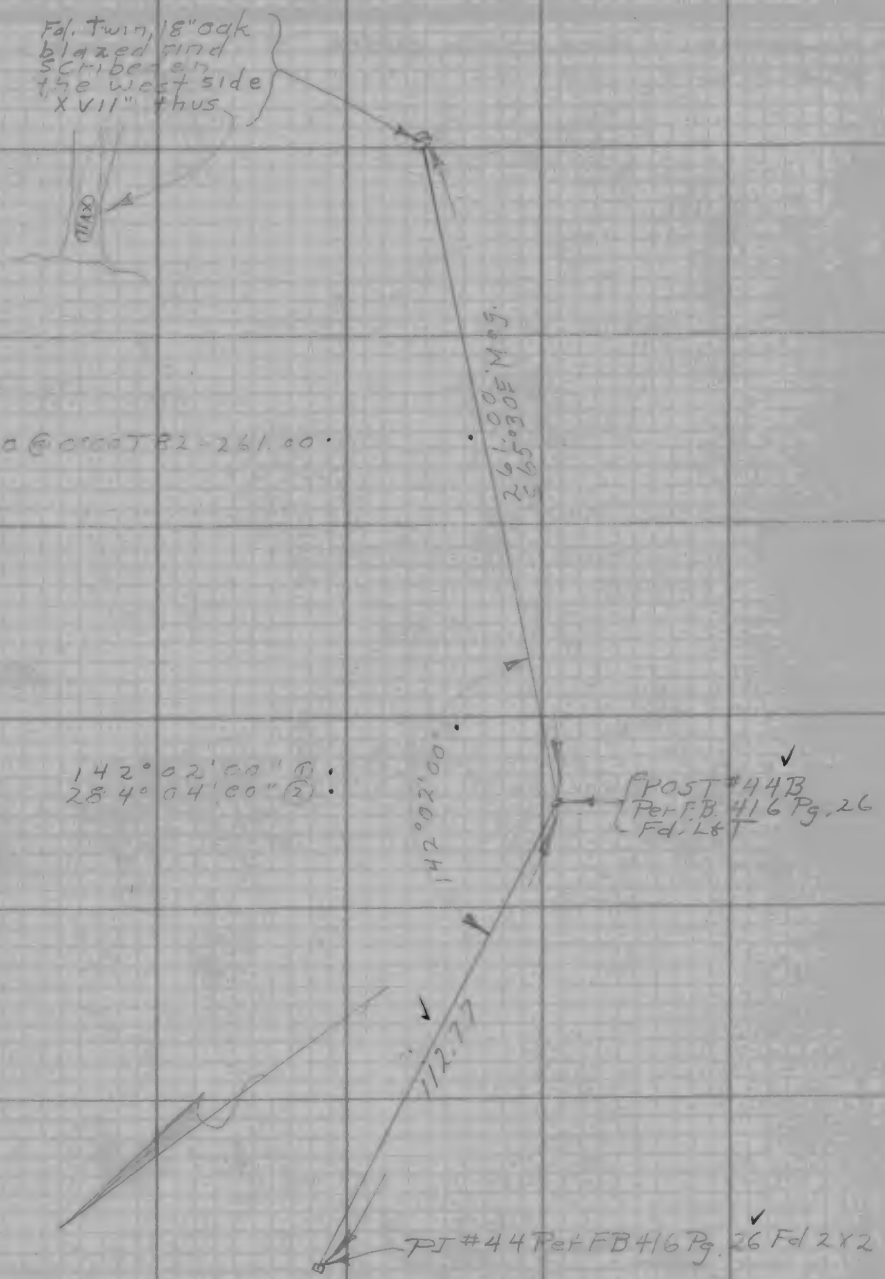
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red Ink.** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by M.D. DARLING	Survey of [illegible]
Map No. B-471	W. O. 946 Tape No. 14 St'd 54 °F.
Office Work R.W.Mc	Surveyed by C.E. Beverly
Checked M.D. Darling	Notes [illegible] Date 3-30-32
Date June 30, 1932	Indexed A. C. Johnson

F.B. 416 PG. 247



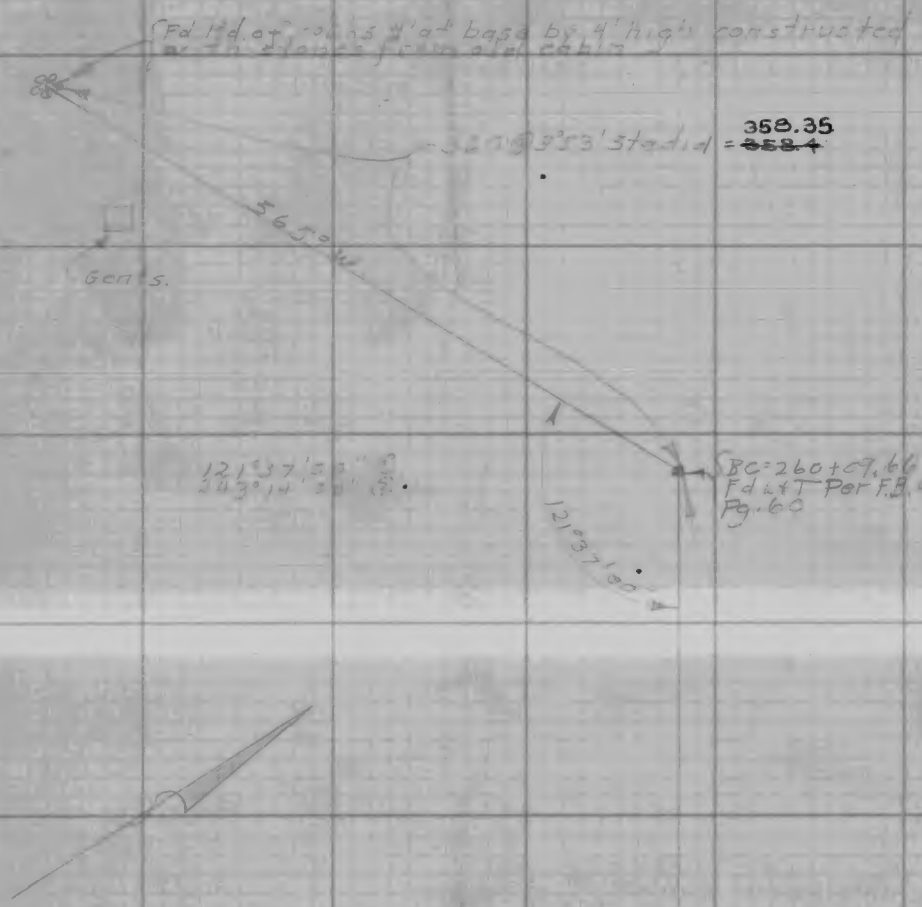
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 5-31

F.B. 416 Pg. 248

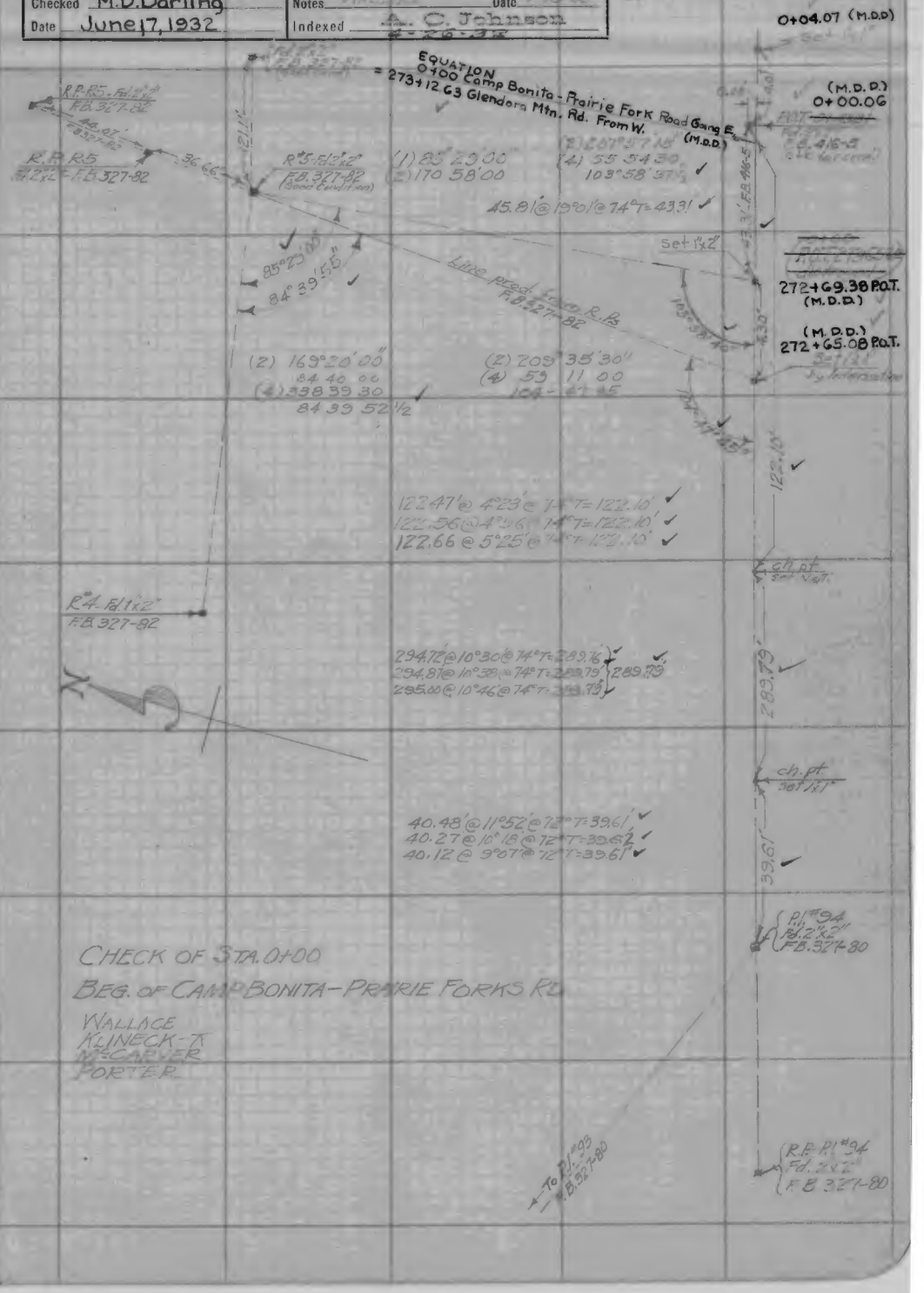


RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by [illegible]	Survey of Camp Bonita-Prairie Forks Rd
Map No. C.S.B-471-1	W. O. 348 Tape No. 14 St'd. 62 °F.
Office Work R.W.McA	Surveyed by Wallace
Checked M.D.Darling	Notes Wallace Date 4-13-32
Date June 17, 1932	Indexed A. C. Johnson 4-26-32

F.B. 416 Pg. 248

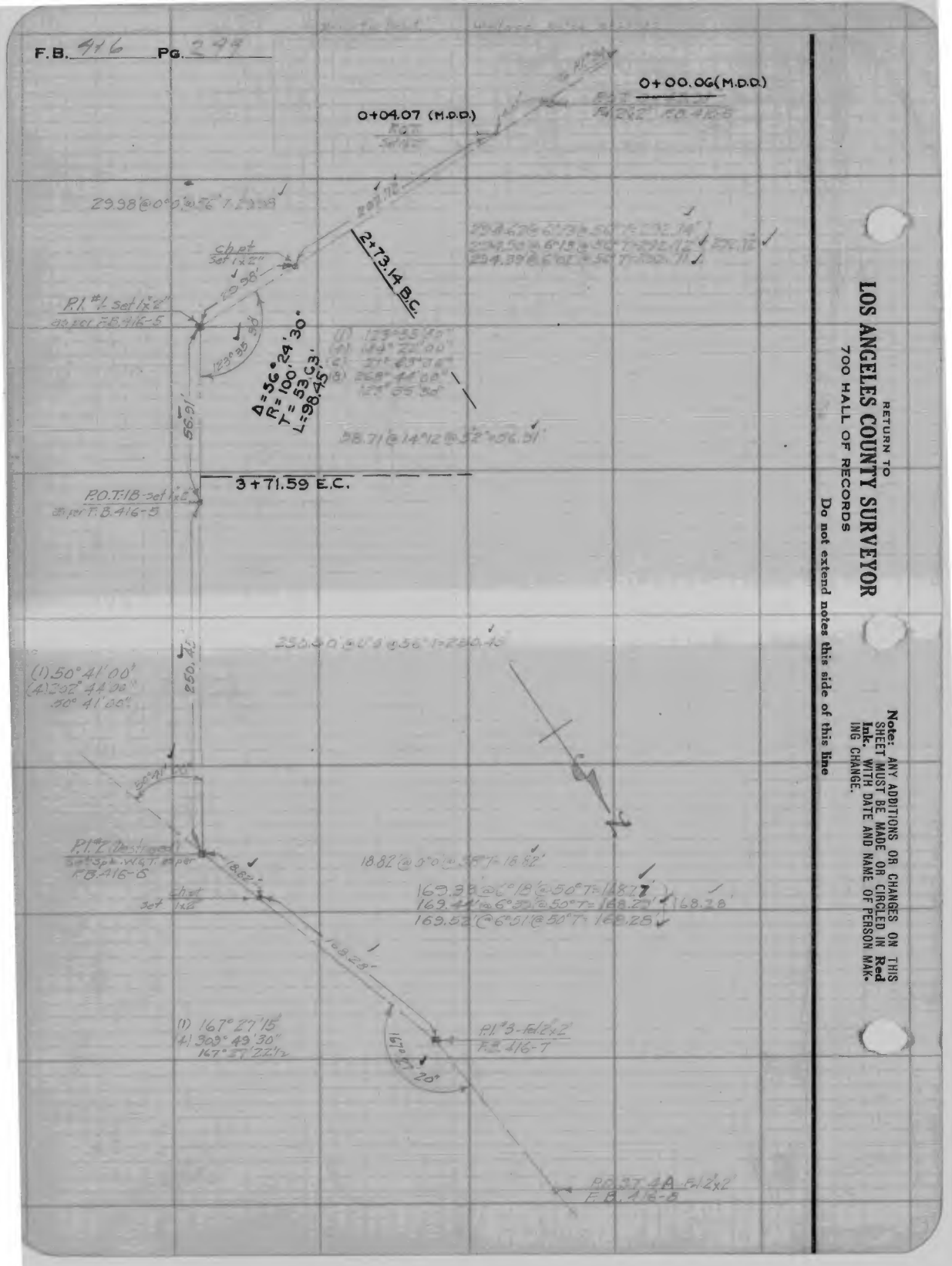


Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

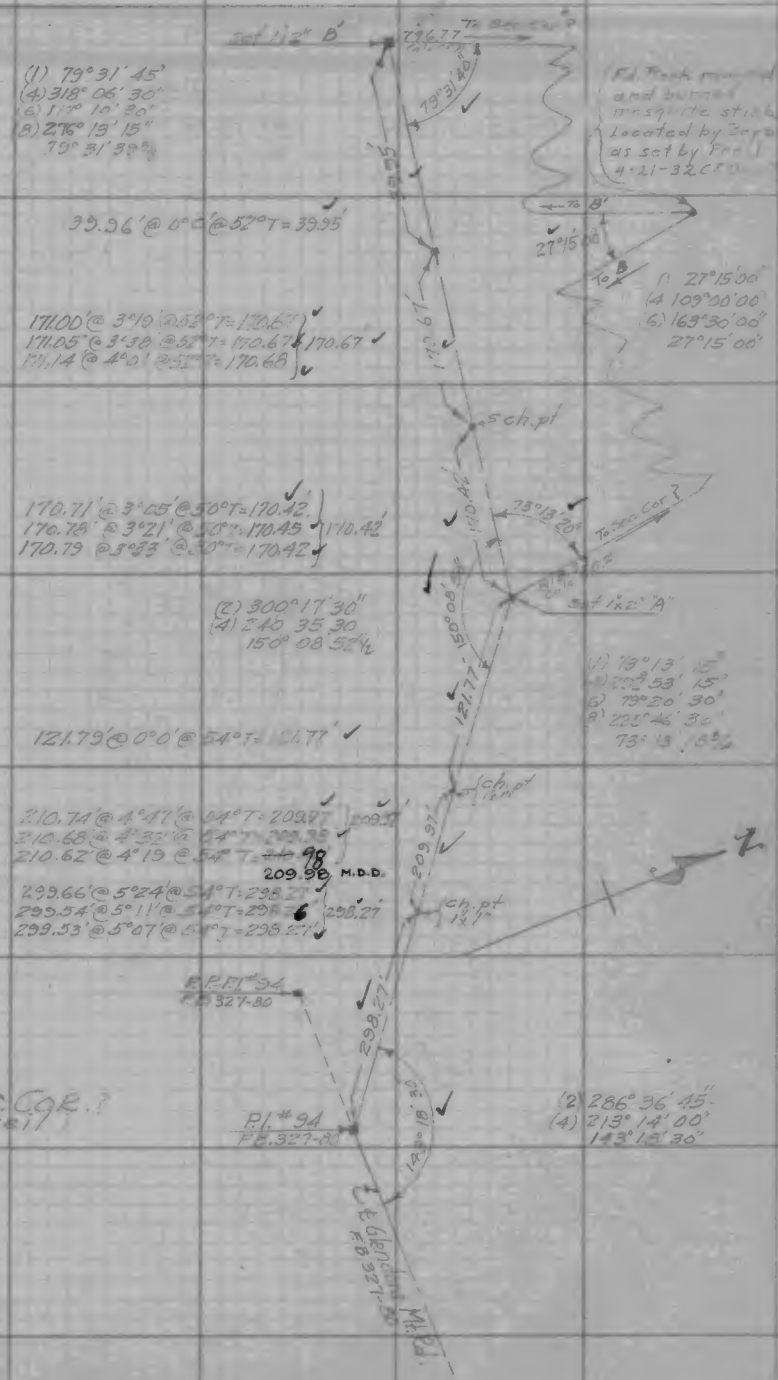
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 8-31


F.B. 416 PG. 244
0+00.06 (M.D.D.)
0+04.07 (M.D.D.)
2+73.14 B.C.
Δ=56°24'30"
R=100'
T=53.63'
L=98.45'
3+71.59 E.C.
P.O.T.-1B-set 1x2"
as per F.B. 416-5
P.I. #1-set 1x2"
as per F.B. 416-5
P.I. #2 (Destroyed)
P.I. #3-Fd. 2x2"
F.B. 416-7
P.O.T. 4A-Fd. 2x2"
F.B. 416-8
(1) 50°41'00"
(4) 202°44'00"
50°41'00"
(1) 167°27'15"
(4) 309°49'30"
167°27'22½"
56.91'
250.45'
18.82'
168.28'
167°27'20"
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by Drew	Survey of [illegible]
Map No. C.S.B-471-1	W. O. [illegible] Tape No. ____ St'd ____ °F.
Office Work R.W.McA	Surveyed by WALLACE
Checked M.D.Darling	Notes [illegible] Date [illegible]
Date June 17, 1932	Indexed A. C. Johnson

F.B. 416 PG. 250



Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 8-31

RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red Ink.** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

F.B. 416 PG. 251

Notes Ck'd by Drew	Survey of Camp Bonds Phoenix Park Rd.
Map No.	W. O. 948 Tape No. St'd °F.
Office Work	Surveyed by C. E. Brunty
Checked	Notes April 5, 1932 Date
Date	Indexed A. C. Johnson

F.B. 416 Pg. 252

Note - Distances by Stadia

Location of Rock Mound and Relation to Topography Calls per Gov't Notes

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

FORM 247 10M 5-31

F.B. 416 Pg. 253

Continued on Bot. of east page

30+09.0 (Set Nail + Tin on top of main ridge bearing N14°30' E + S14°30' W

12.00 } = Δ/2
1.14 }
1086
×2
2172
+1
2173 @ 7°26 = 21366
+5.9
21425 Toe of slope N+S±

15+25.5

14+55.5

East Fork of San Gabriel Canyon (Stream Course S02°E 20 Ft wide)

14+35.5

Tr. Rd.

Toe of slope N+S±

13+98.5

Sec 19

Sec 30

Set Nail = 13+68.5

21425

641 @ 37°38 = 502

502

Set Nail on top of main ridge bearing N15°E and S03°E
8+66.5

Staida Line
East. Between Sec-
19 & 30 T2N R-8W.

475
+7
476 @ 0°57 = 476

476

3+90.5
Set Nail + tag

213
+1
214 @ 8°50 = 209

209

1+81.5
Set N+T

195
+1
196 @ 15°47 = 181.5

Lumight?

Md Per right-center of
proc. pg

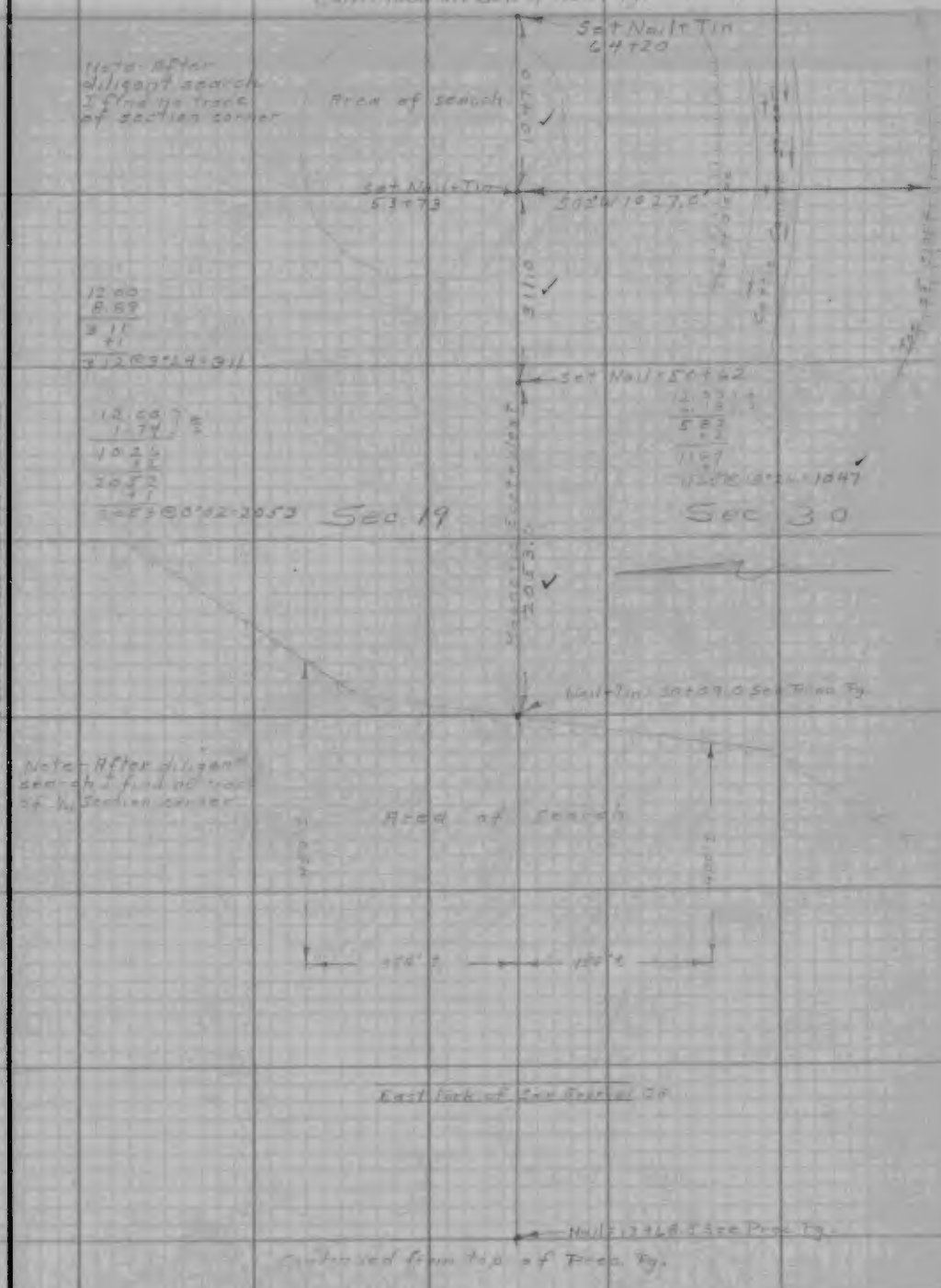
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by Drew	Survey of [illegible]
Map No. C.S.B-471-4	W. O. 9148 Tape No. St'd °F.
Office Work	Surveyed by C.F. Brewster
Checked M.D. Darling	Notes Brewster Date 4-7-32
Date June 30, 1932	Indexed A. C. Johnson

F.B. 41 PG. 254

Continued on Bot. of next Pg



Continued from top of Prec. Pg.

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 8-31

F.B. 416 PG. 255

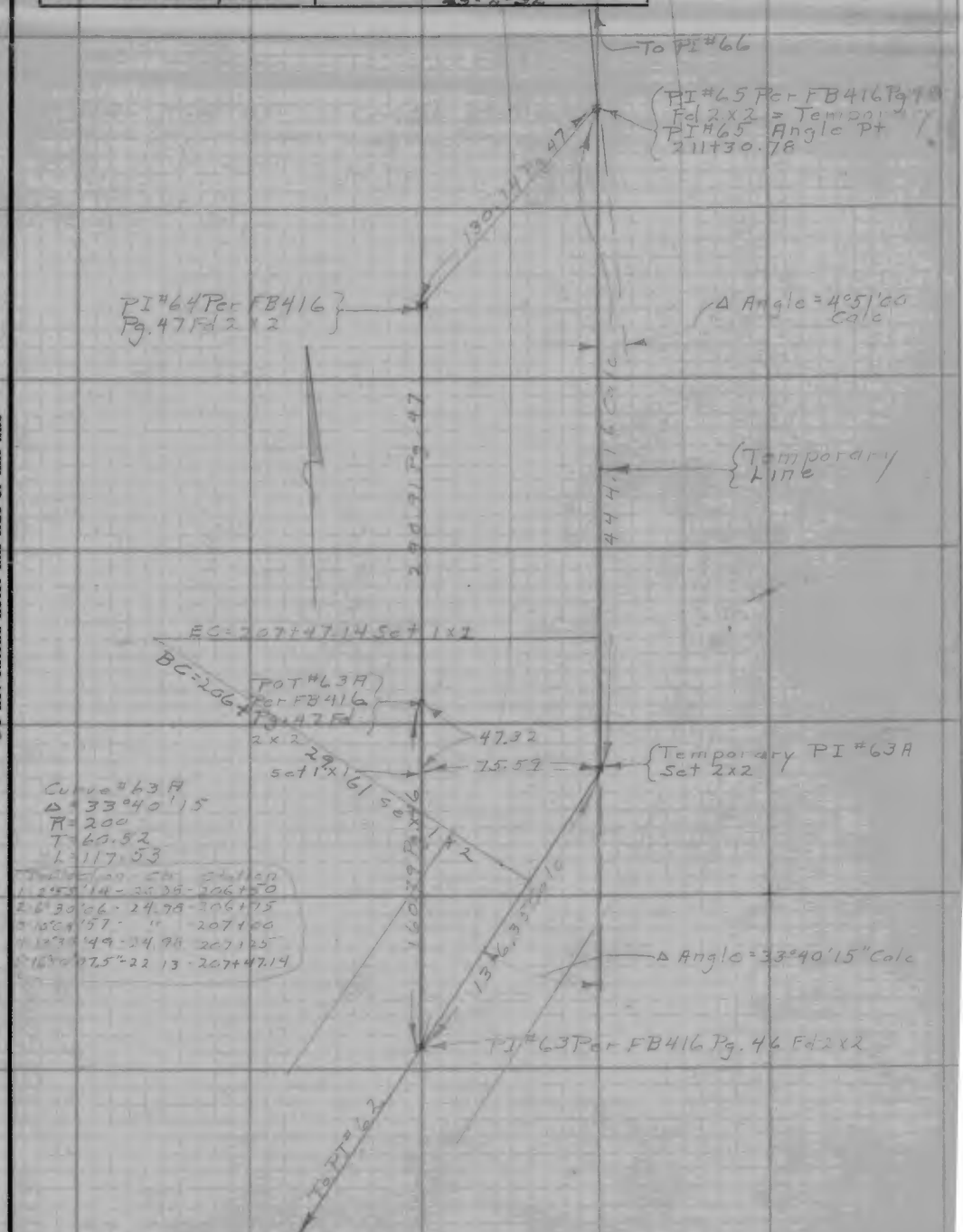
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red Ink.** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by Drew	Survey of [illegible]
Map No. C.S.B-471-4	W. O. #948 Tape No. 14 St'd [illegible] °F.
Office Work R.W. McA	Surveyed by [illegible]
Checked M.D. Darling	Notes [illegible] Date 4-27-32
Date June 30, 1932	Indexed A. C. Johnson 4-5-32

F.B. 416 Pg. 257



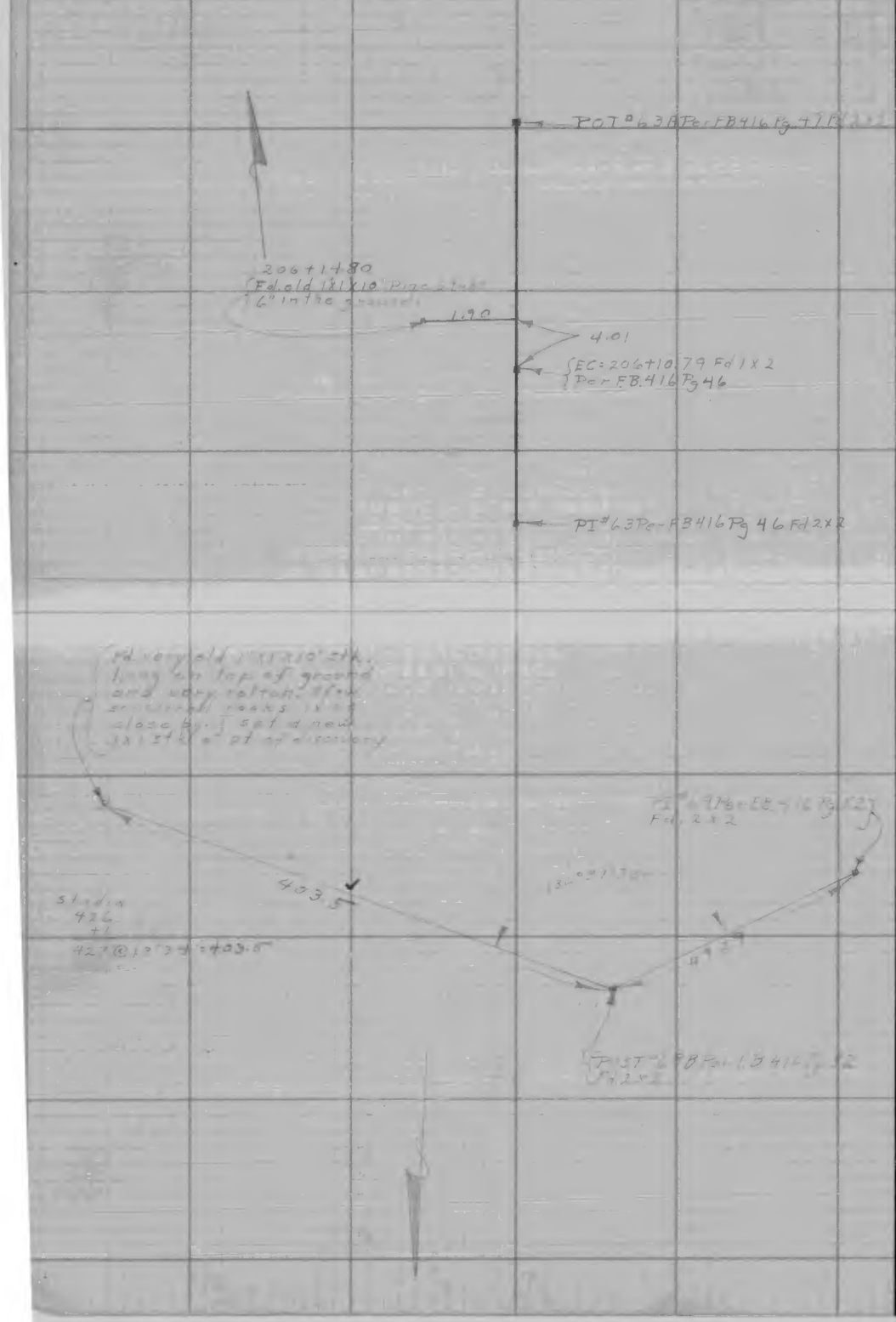
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 5-31

F.B. 416 Pg. 258



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

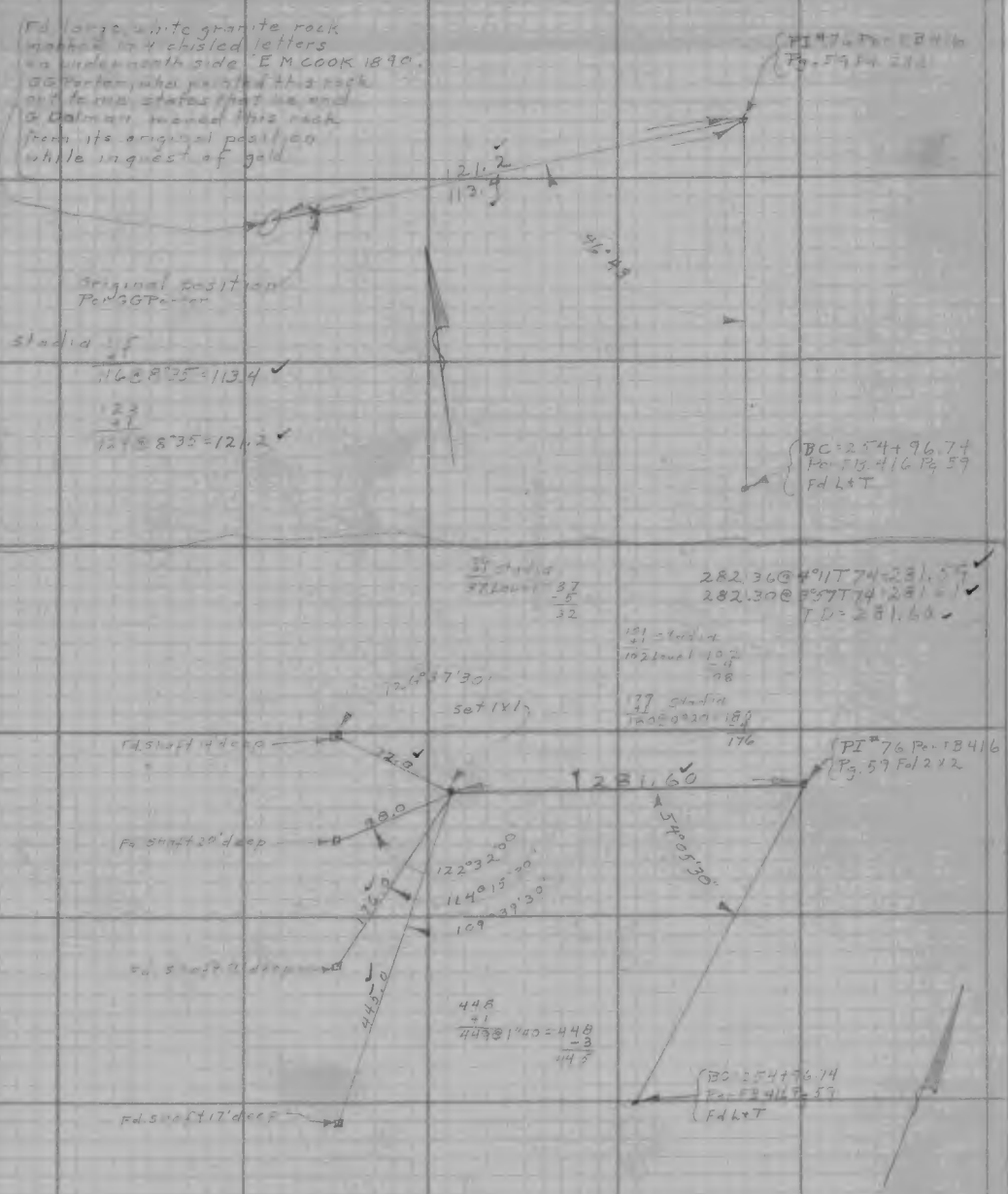
Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red Ink.** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by Drew	Survey of [illegible]
Map No. C.S.B-471-4	W. O. 448 Tape No. 13 St'd 54 °F.
Office Work R.W.Mc	Surveyed by C E Brunty
Checked M.D.Darling	Notes Brunty Date
Date June 30, 1932	Indexed A. C. Johnson

F.B. 416 Pg. 259

Party Brunty [illegible]



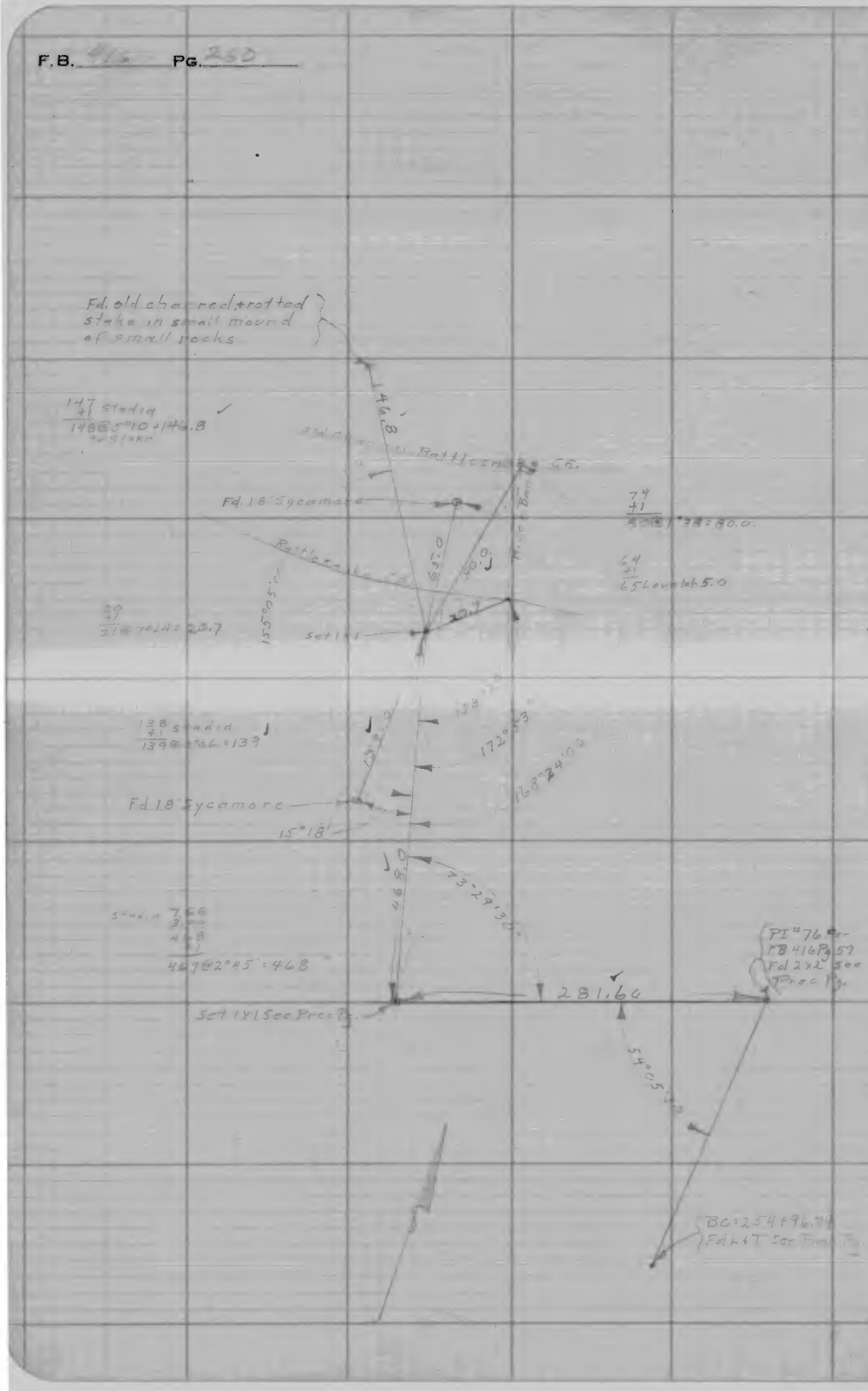
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

FORM 247 10M 8-31

F.B. 416 PG. 250

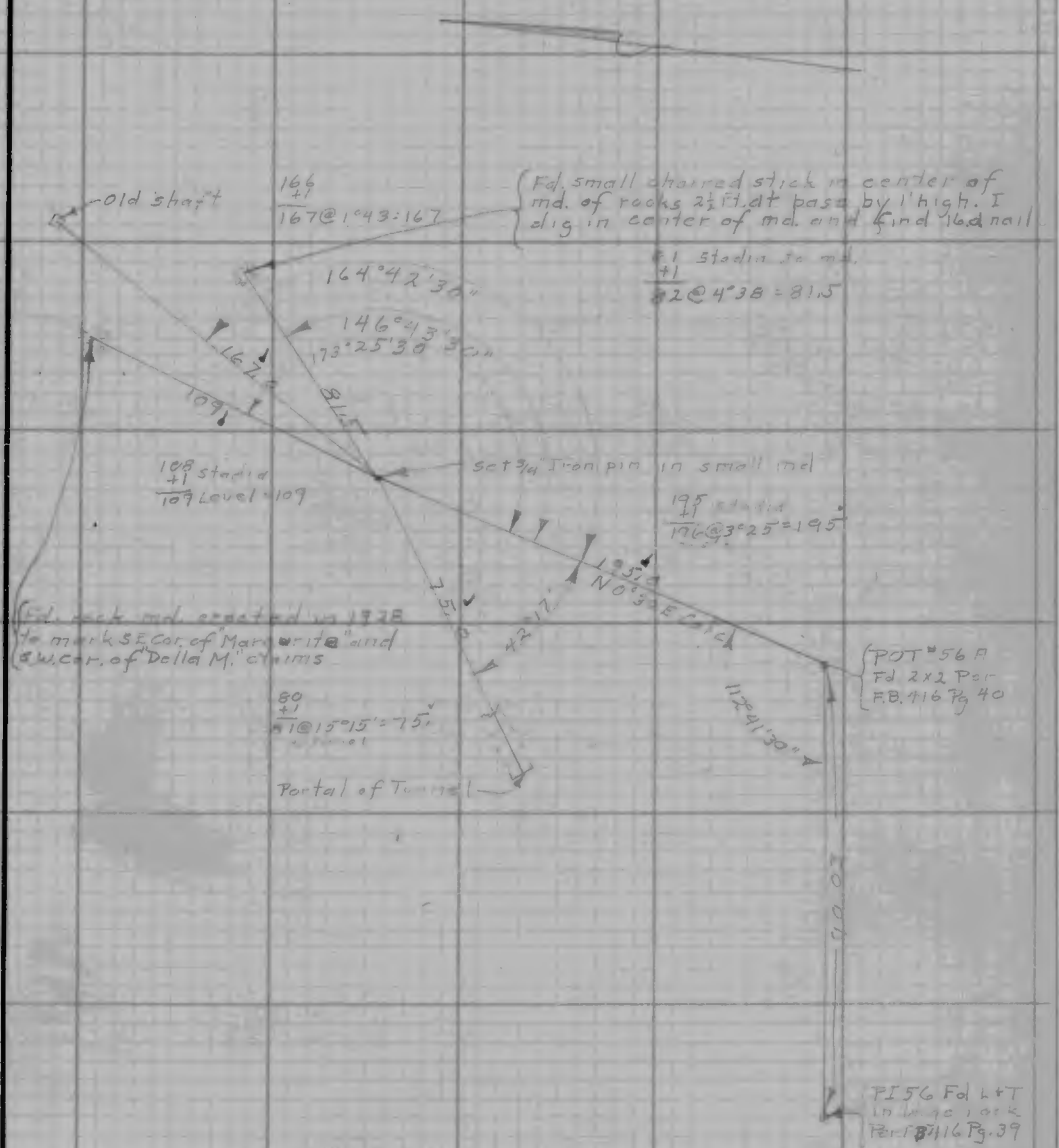


RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red Ink** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by [illegible]	Survey of Camp Benito - Barrio Park Rd
Map No. C.S.B-471-4	W. O. 948 Tape No. 13 St'd 84 °F.
Office Work R.W. McA	Surveyed by C.E. Brunty
Checked M.D. Darling	Notes Brunty Date 4-29-32
Date June 30, 1932	Indexed A. C. Johnson

F.B. 416 Pg. 261



Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 5-31

F.B. 416 Pg. 262

4-29-32
Brunty
Wallace
Kleinock
McCarver
Potter

Fd old 1" x 1" stk. standing 2' above md. of rock

Fd. old 1½" x 1½" stk

Fd. old stake 1" x 1½" + nail

35.35

32.17

19.98

35.35 Level | T82 = 35.35

32.17 Level | T82 = 32.17

19.98 Level | T82 = 19.98

152°22'00"

148°10'30"

146°32'00"

76.92

RPPI #62 Fd 1x2 Per FB 416 Pg. 45

RPPI #62 Fd 2x2 Per FB 416 Pg 45

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date _____ Notes by _____ Chief Party _____ F.B. 416 PG. 263

Platted by _____	W. O. No. _____ D. S. O. No. _____
Date _____	Location Camp Bonita-Prairie Forks Rd.
Map No. _____	Surveyed by _____
Platting C'k'd by _____	Date _____
Date _____	Indexed A. C. Johnson 5-5-92

Line Changes

Camp Bonita-Prairie Forks Rd.

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

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR

F.B. 416 PG. 264 _____ Chief Party Notes by _____ Date _____

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

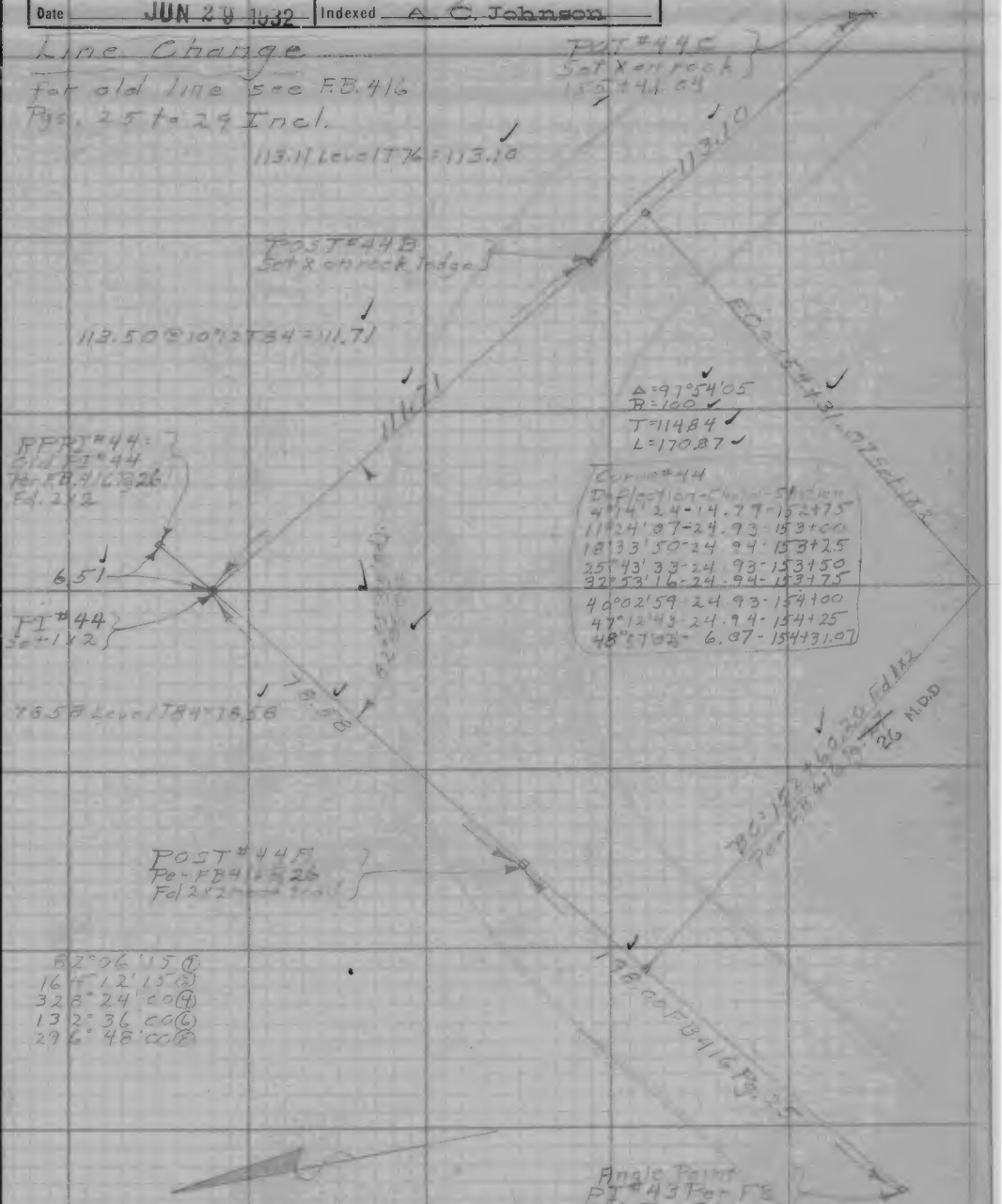
Notes Ck'd by Drew	Survey of Camp Bonita Basin Pt 13
Map No. C.S.B-471-4	W. O. [illegible] Tape No. 14 St'd 24' °F.
Office Work R.W. McA	Surveyed by [illegible]
Checked M. D. DARLING	Notes Gravity Date 3-31-32
Date JUN 29 1932	Indexed A. C. Johnson

F.B. 416 Pg. 265

Continued on Bot. of Pg. 266 (Next Pg.)

Line Change

for old line see F.B. 416 Pgs. 25 to 29 Incl.



Continued from top of Pg. 25 F.B. 416

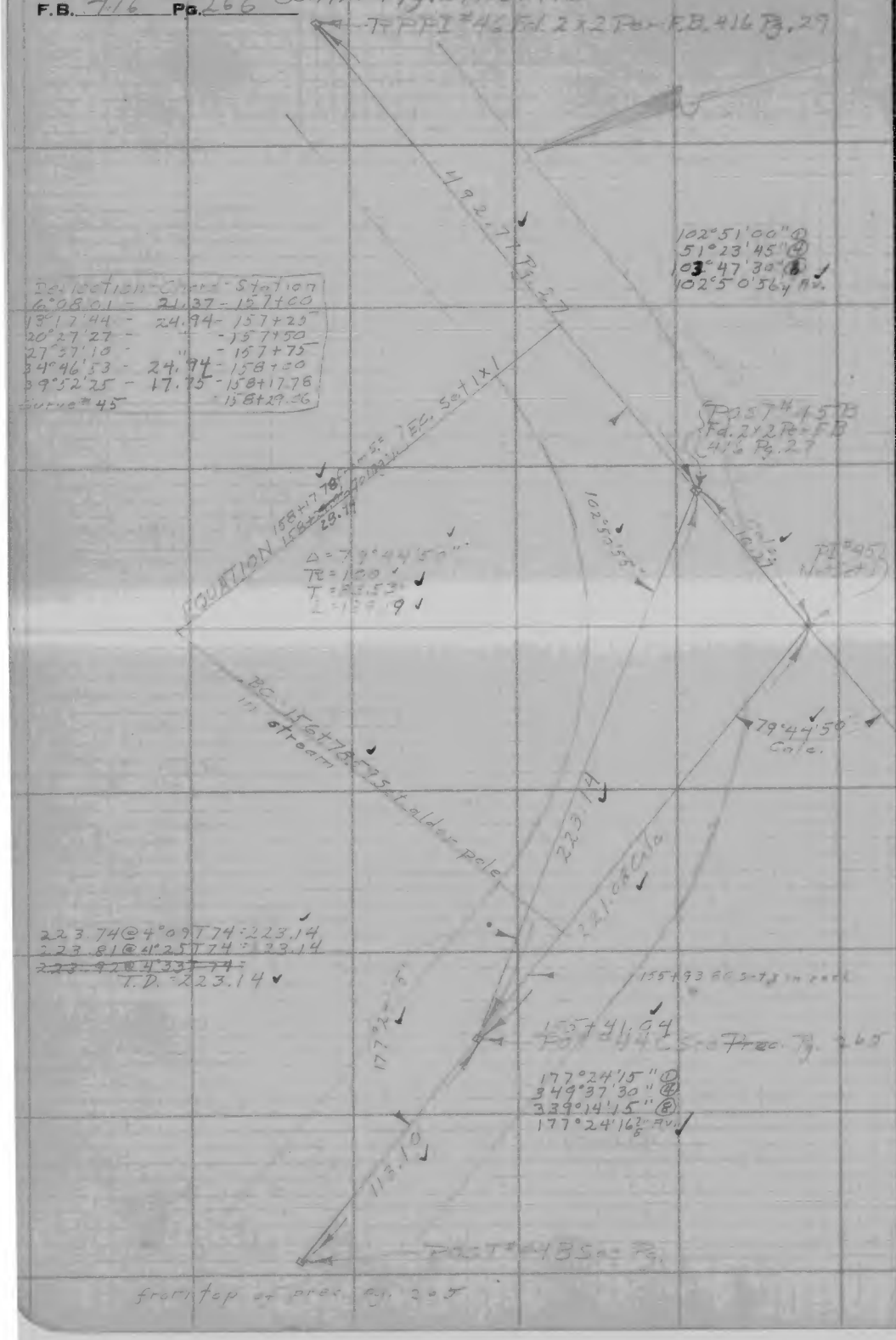
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

FORM 247 10M 5-31

F.B. 416 Pg. 266 Cont. on Pg. 29 F.B. 416



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by Prau	Survey of [illegible]
Map No. C.S. B-471-4	W. O. 7442 Tape No. 14 St'd 54 °F.
Office Work R.W.M.A.	Surveyed by C.E. Brunty
Checked M. D. DARLING	Notes Brunty Date 4-12-32
Date JUN 29 1932	Indexed A. C. Johnson

Cont. Bot. next Pg. 268

PI #52 See next Pg. (Not Set.) Angle Pt.

R PPI #52 See next Pg. (2x2)

+30.51 M.D.D.
(7342.44)
Pot #48 Set Next

85.34@27°26 T74 = 75.73
85.98@25°14 T74 = 75.72
86.40@24°45 T74 = 75.74
TD 75.73
145.59
221.32

145.60 Level T76 = 145.59

+09.19 M.D.D.
(7171.39.12)
Pot #48A Set Next

146.40@4°14 T70 = 145.99
146.28@3°34 T70 = 145.99
TD = 145.99

104°20'45" (1)
57°22'30" (4)
266°33'45" (6)
149°45'00" (8)
104°20'37½" Av.
40½

Deflections Chord Station
5°29'59" - 24.99 - 166+75
5°27'13" - 24.99 - 166+50
5°23'28" - " - 166+75
5°39'44" - " - 167+00
5°16'00" - " - 167+25
5°52'16" - " - 167+50
5°28'31" - " - 167+75
5°04'47" - " - 168+00
4°41'03" - " - 168+25
4°17'18" - " - 168+50

Cont. Bot. 163.29 Set 12

Cont. Bot. 163.29 Set 12

Δ = 76°37'40"
R = 275
T = 215.48
L = 368.55

BC = 165+97.65 Back

Cont. Top

(Old PI #48
Now as PPI #46
Fd 2x2 Per 416
Pg. 31

PI #48 Set 2x2

104°20'40"

3.87

31°29'50" - " - 169+00
34°06'55" - " - 169+25
36°42'21" - " - 169+50
38°04'59" - 3.26 - 169+63.26

349°29'31"
352°29'

P.O.T. #47B Per F.B. 416 Pg. 31 Fd. 2x2

Cont from top of Pg. 32 F.B. 416

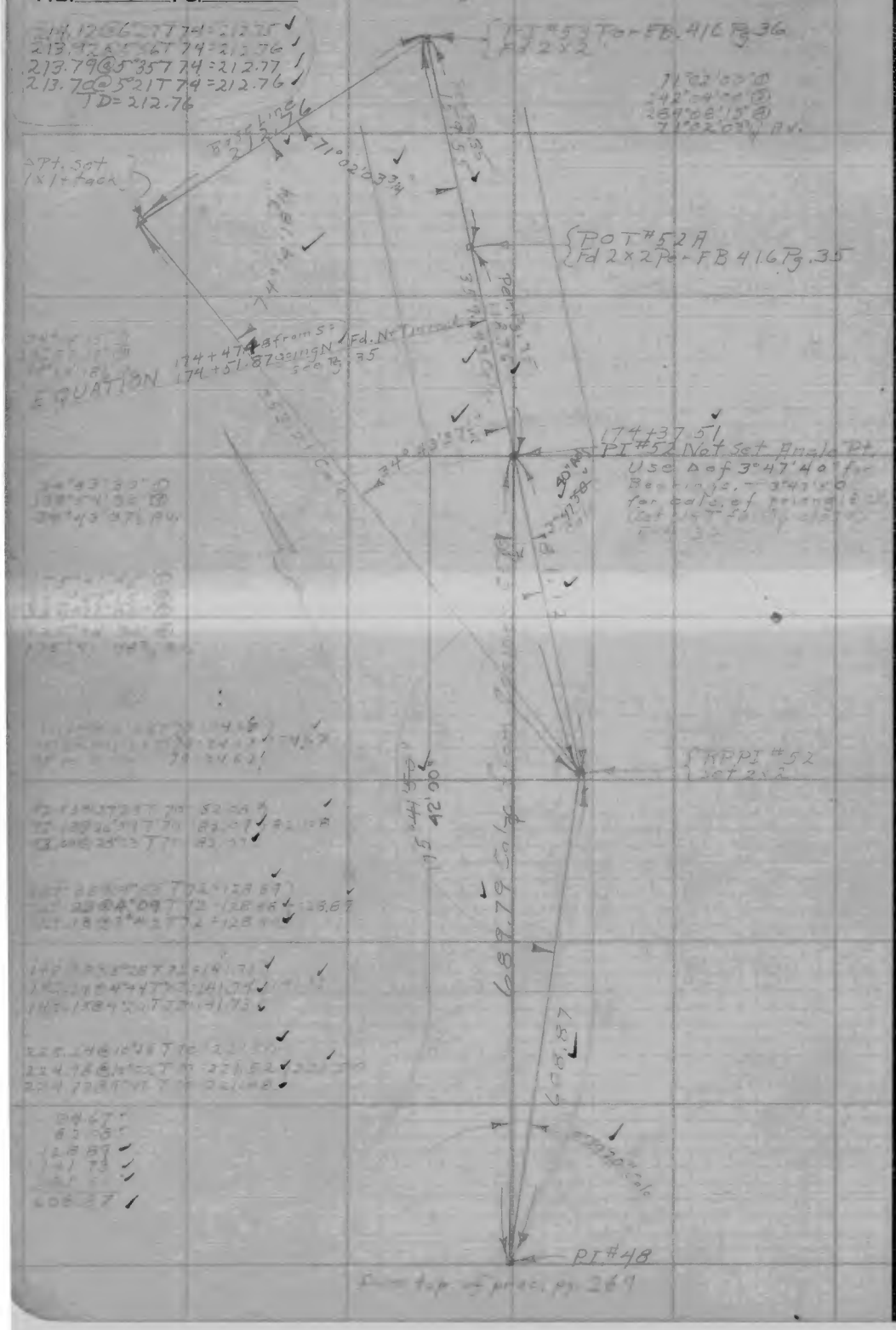
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 5-31

F.B. 416 PG. 268 Cont. on Bot. Pg. 36 F.B. 416



RETURN TO

LOS ANGELES COUNTY SURVEYOR

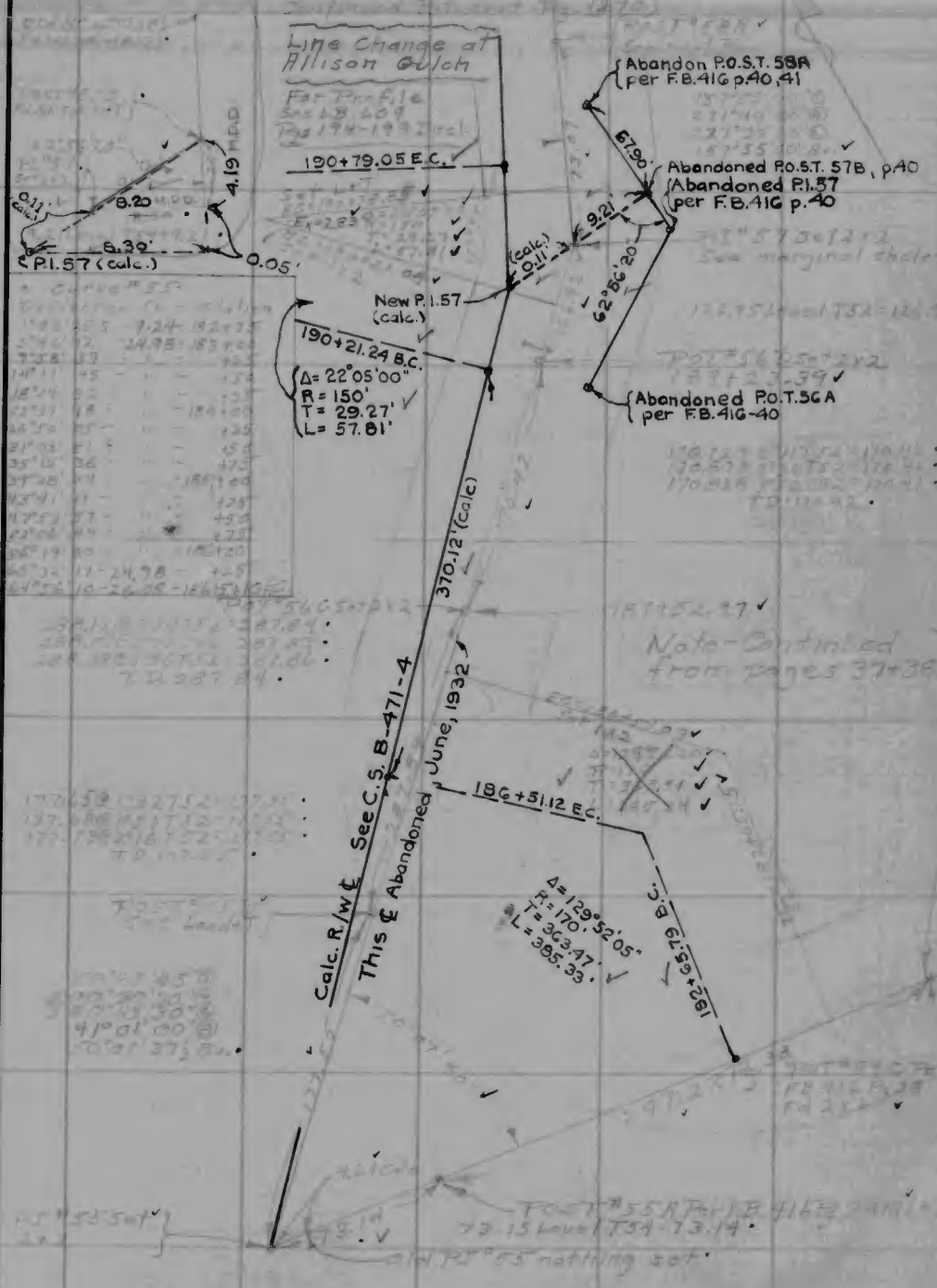
700 HALL OF RECORDS

Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red Ink.** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by M. D. DARLING	Survey of
Map No. C.S.B-471-4	W. O. Tape No. St'd °F.
Office Work R.W.M.S.A.	Surveyed by
Checked M. D. DARLING	Notes Date
Date JUN 1932	Indexed C. C. Johnson 3-29-32

F.B. 416 Pg. 269



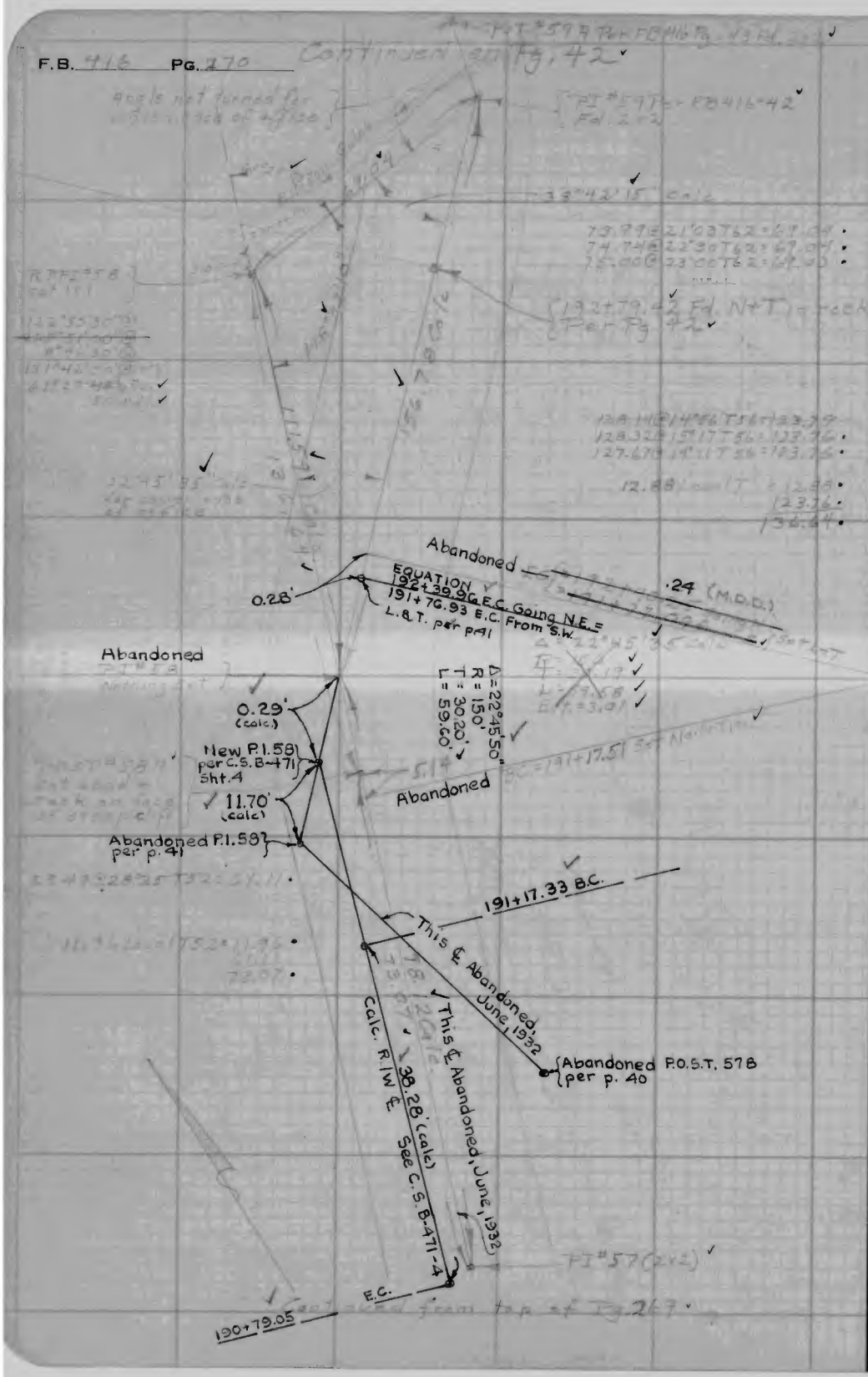
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 5-31

F.B. 416 PG. 270



RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

Do not extend notes this side of this line

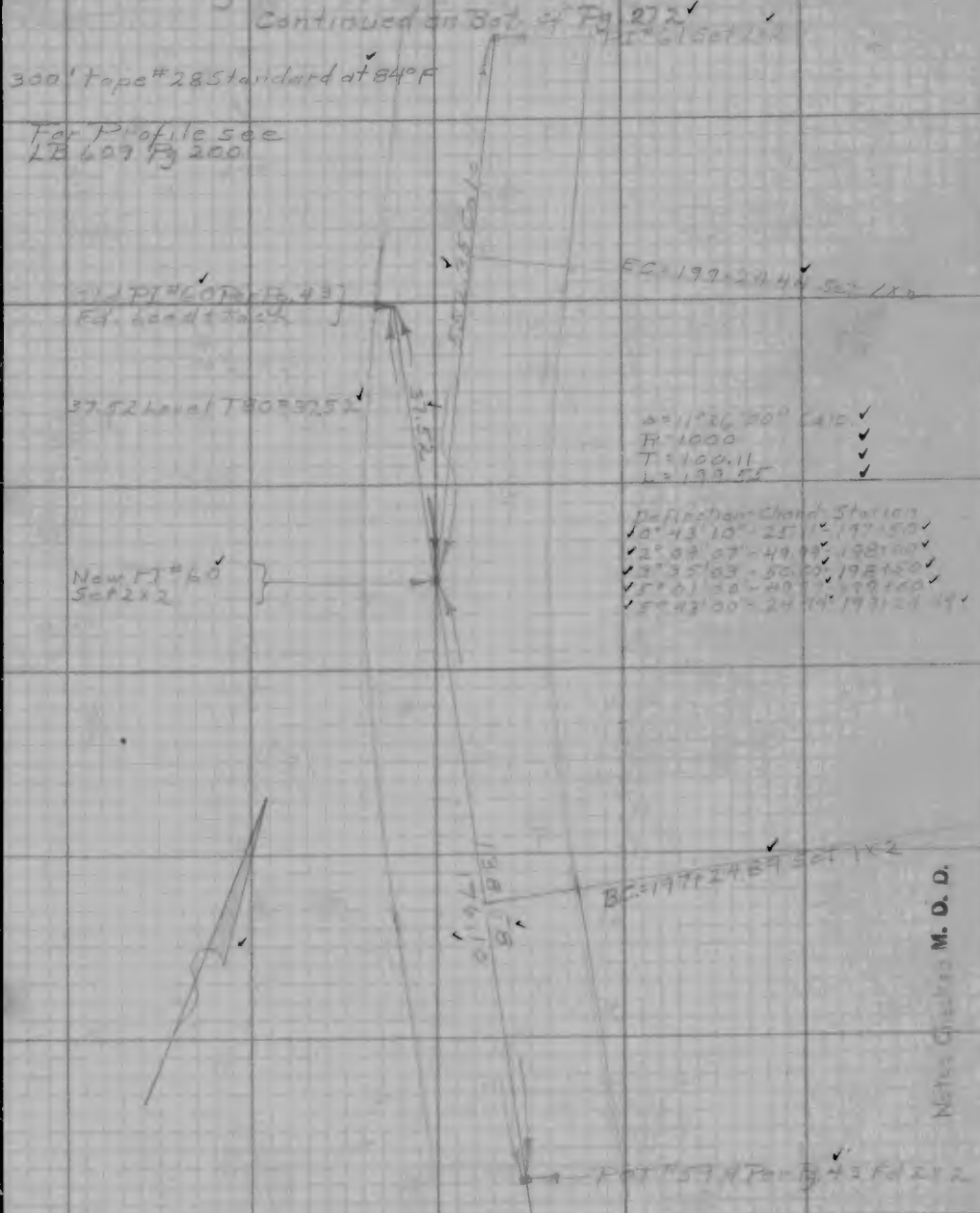
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red Ink.** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-18-32 Notes by Brunty Chief Party Brunty F.B. 416 Pg. 271

Platted by R.W. McA	W. O. No. 948 D. S. O. No.
Date June 1932	Location Camp Beale Prairie Fork Rd.
Map No. C.S.B-471-4	Surveyed by C.E. Brunty
Platting C'k'd by [illegible] DARLING	Date May 18, 1932
Date JUN [illegible] 1932	Indexed A. C. Johnson

Line Change at Cooks Flat PI#60 to 67 Incl. WO#948

Continued on Bot. of Pg. 272



Continued from center of Pg. 43

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

Do not extend notes this side of this line

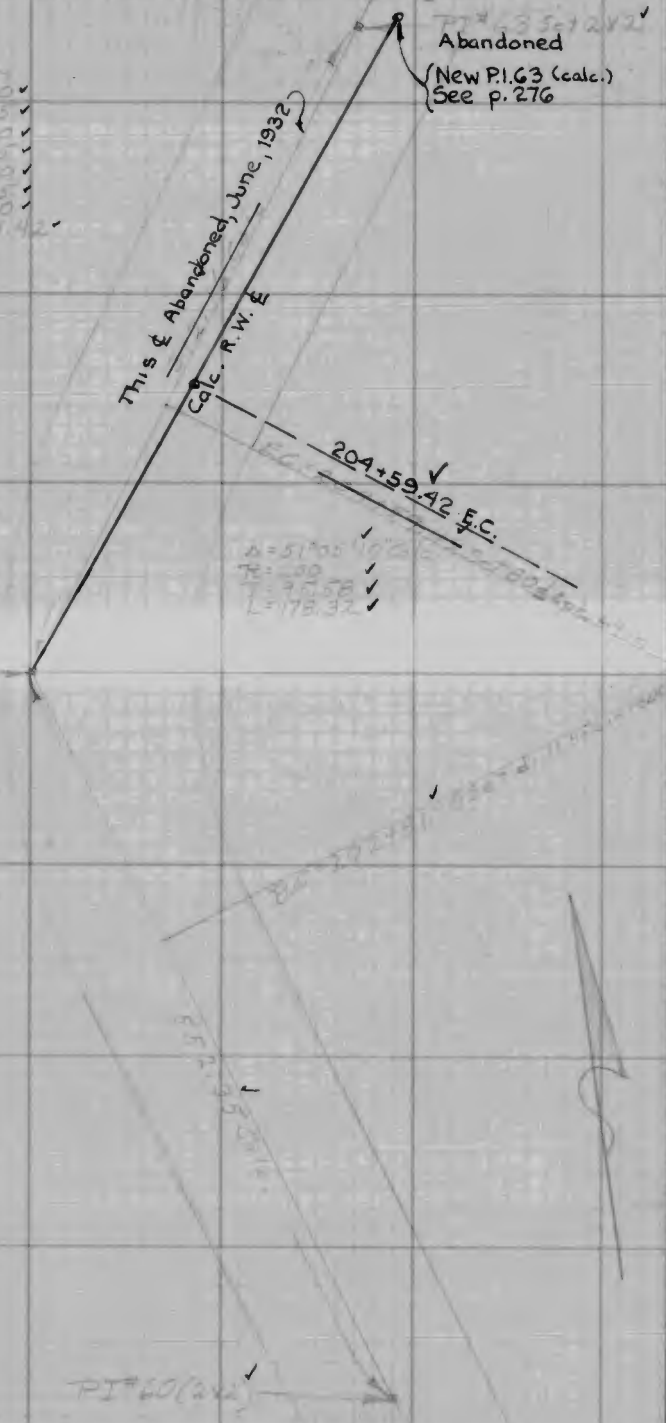
RETURN TO LOS ANGELES COUNTY SURVEYOR

Notes Checked M. D. D.

F.B. 416 Pg. 272 Brunty Chief Party Notes by Brunty Date 5-18-32

Continued on Bot. of Pg. 273

Deflection	Chord	Station
2° 42' 26"	18.87	203+00
6° 17' 18"	24.98	203+25
9° 52' 10"	24.98	203+50
13° 27' 01"	24.99	203+75
17° 01' 53"	24.98	204+00
20° 36' 44"	24.98	204+25
24° 11' 36"	24.99	204+50
25° 32' 35"	9.42	204+59.42



Continued from top of Pg. 271

RETURN TO
LOS ANGELES COUNTY SURVEYOR

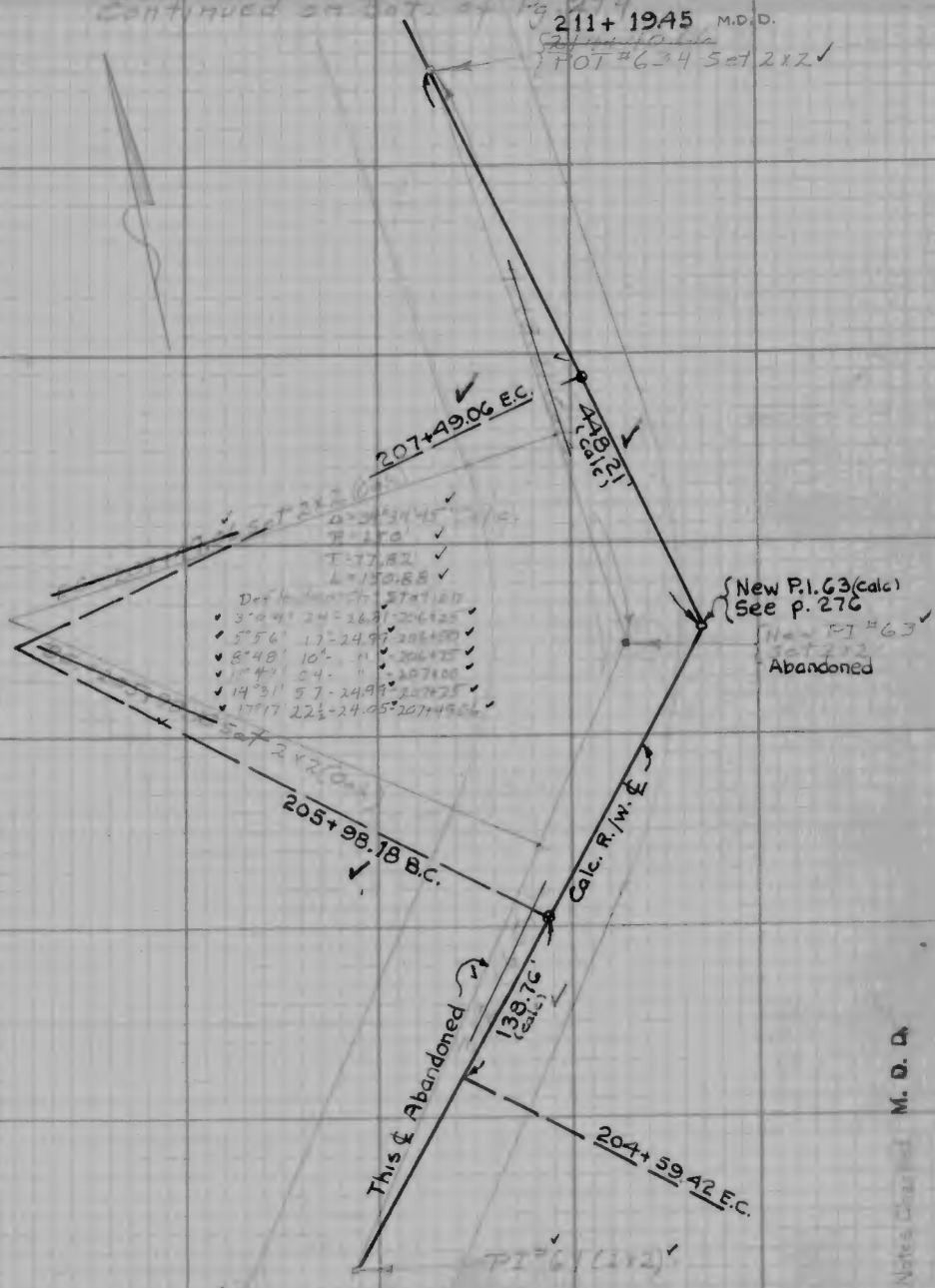
Do not extend notes this side of this line

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

Date 5-18-32 Notes by Brunty Chief Party Brunty F.B. 416 PG 273

Platted by R.W. McA.	W. O. No. 948 D. S. O. No.
Date June 1932	Location Camp Benito Prairie Park Rd
Map No. C.S.B-471-4	Surveyed by C.L. Brunty
Platting C'k'd by M. D. DARLING	Date May 18 1932
Date JUN 29 1932	Indexed

Continued on Cat. of Pg. 274



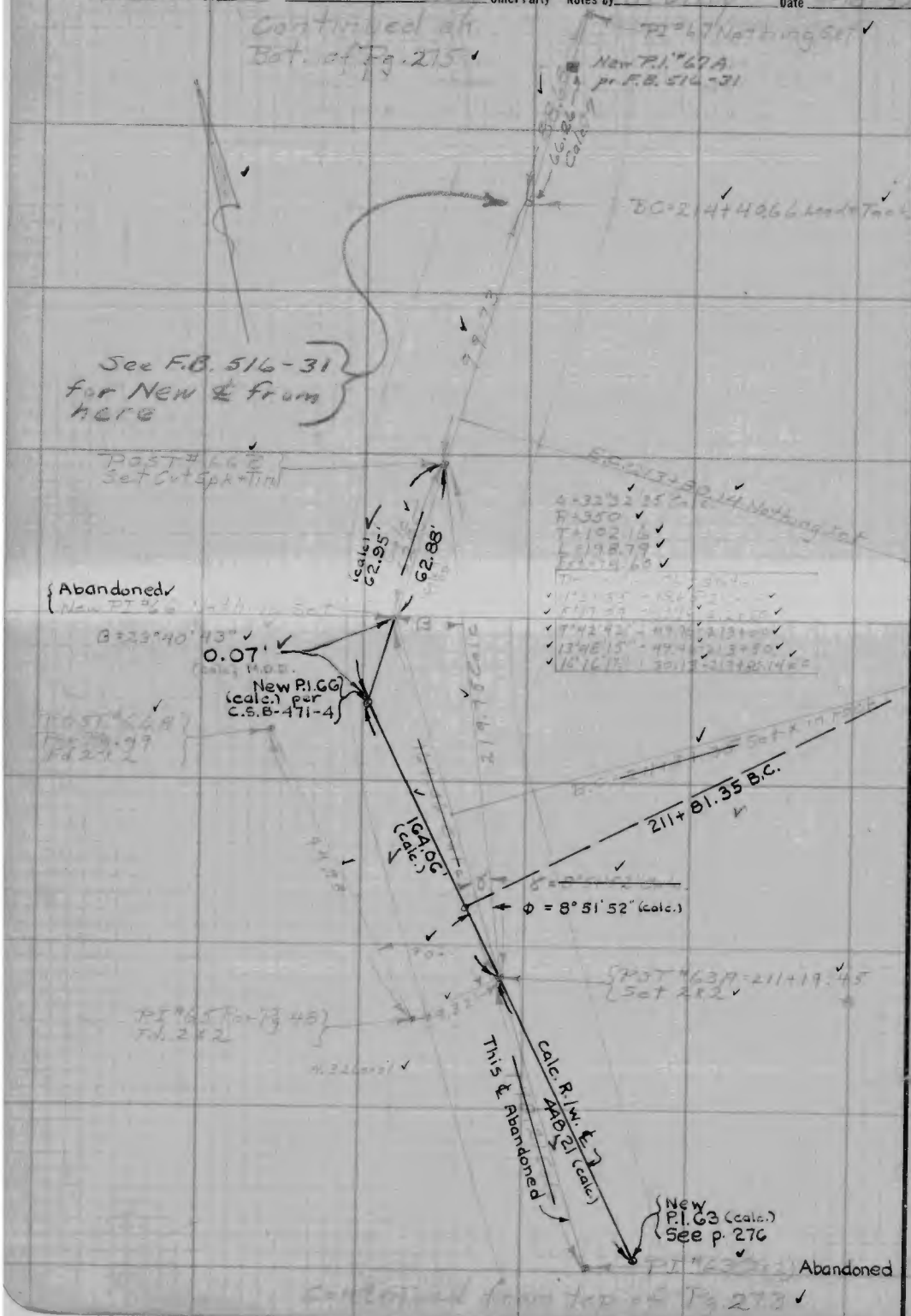
Continued from top of Pg. 272

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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 274 Brunty Chief Party Notes by Brunty Date 7-18-32



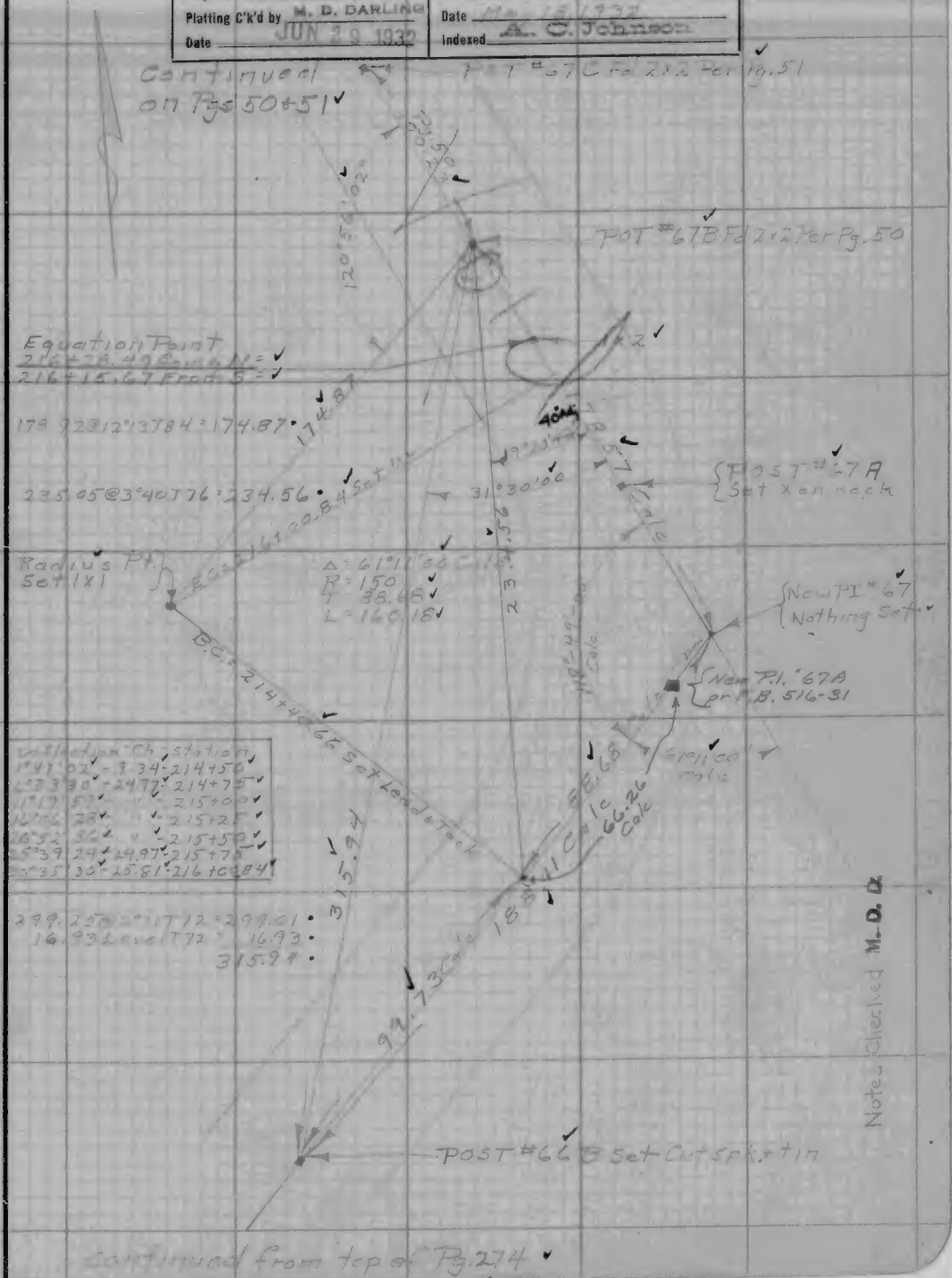
RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 6-18-32 Notes by Brunty Chief Party Brunty F.B. 416 Pg 275

Platted by R.W. McA.	W. O. No. 948 D. S. O. No.
Date June 1932	Location Sorbonne-Bonifacio Rd.
Map No. C.S.B-471-4	Surveyed by C.E. Brunty
Platting C'k'd by M. D. DARLING	Date May 18, 1932
Date JUN 29 1932	Indexed A. C. Johnson



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

Do not extend notes this side of this line

RETURN TO LOS ANGELES COUNTY SURVEYOR

Notes Checked M. D. D.

F.B. 416 Pg. 276 Brunty Chief Party Notes by Brunty Date 5-18-32

Method used to set PI #61 and PI #63 to conform with calculations of M.D. Darling per instructions of R.S. Brammett

To Set PI #61

Old PI #62 Per Pg. 45 Fd 2x2

50.38 Pg. 45

21.40

1.78

90°

BC of curve #62 Per Pg 45 Fd 1x2 203+52.59 Pg. 45

21.40 Level T82 = 21.40

1.78 Level T82 = 1.78

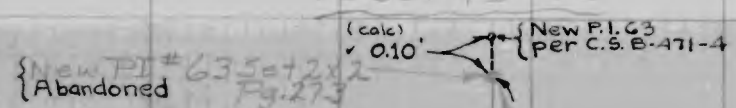
New PI #61 Set 2x2 Pg 272

To Set PI #63

(calc) 0.10'

New P.I. 63 per C.S. B-471-4

New PI #63 Set 2x2 Pg. 273 Abandoned



50.94 Level T84 = 50.94

90.18 @ 15°30' T84 = ~~87.00~~

86.90 M.D.D.

86.90 M.D.D.

90°00'00" ⊕
360°00'00" ⊕
90°00'00" Av.

90°

Set 1x1

50.94

100.27

POT #63A Per Pg 47 Fd 2x2

EC of curve #63 = 206+10.79 Pg. 46 Fd. 1x2 which check for line by doubling over from PI #64

RETURN TO
LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

Date 5-16-32 Notes by Brunty Chief Party Brunty F.B. 416 Pg 277

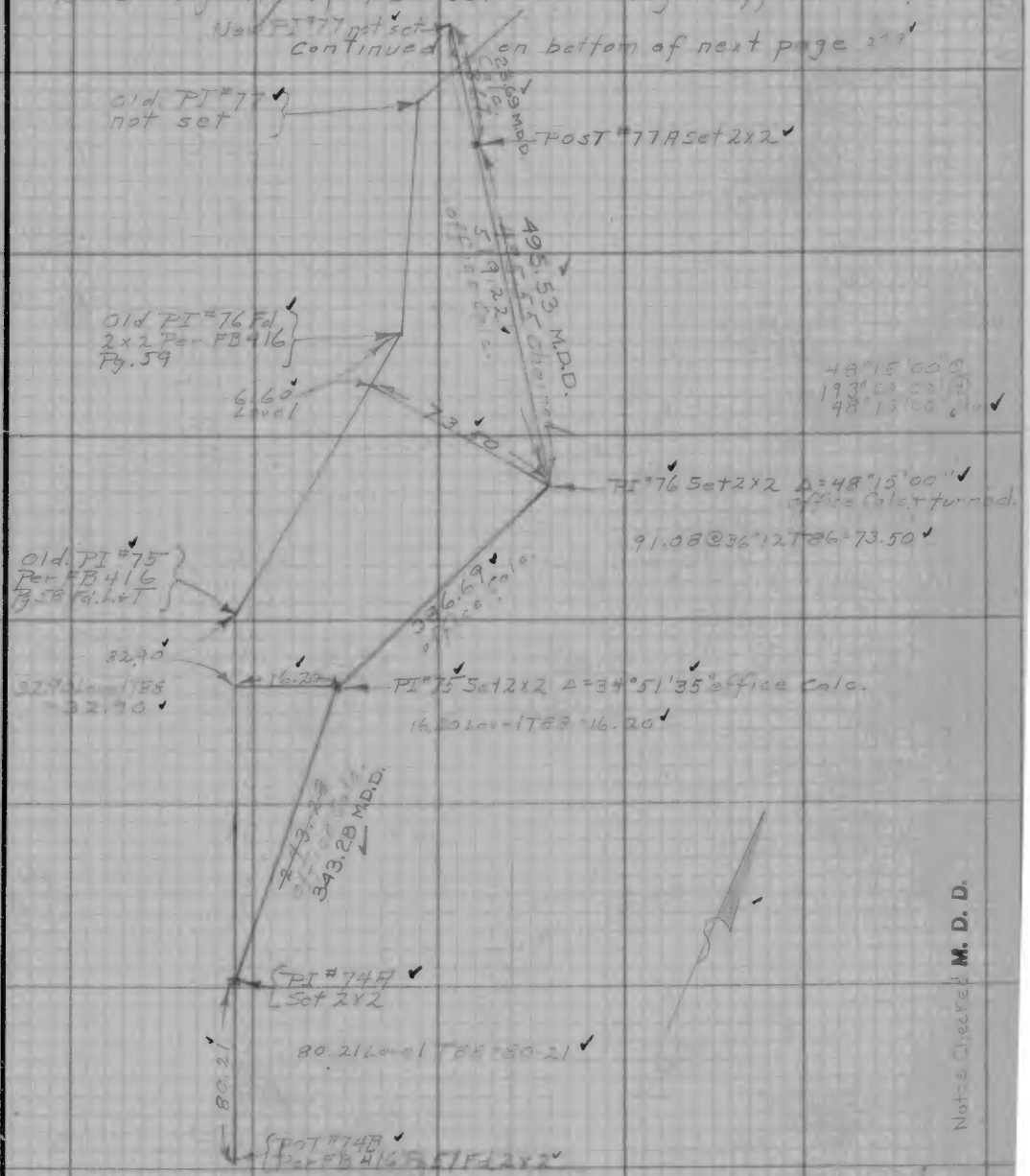
300 Ft. tape
28 Standard
at 84° F ✓

Platted by R.W. McA.	W. O. No. 348 D. S. O. No.
Date June 1932	Location Camp Bonita-Prairie Forks Rd.
Map No. C.S.B-471-4	Surveyed by C.E. Brunty
Platting C'k'd by M. D. DARLING	Date May 16-17, 1932
Date JUN 2 1932	Indexed A. C. Johnson 5-27-32

Brunty
Wallace
Kiernock
McCarver
Porter

Line Change at Rattlesnake Canyon ✓

Note - Majority of PI's set according to office calculations ✓



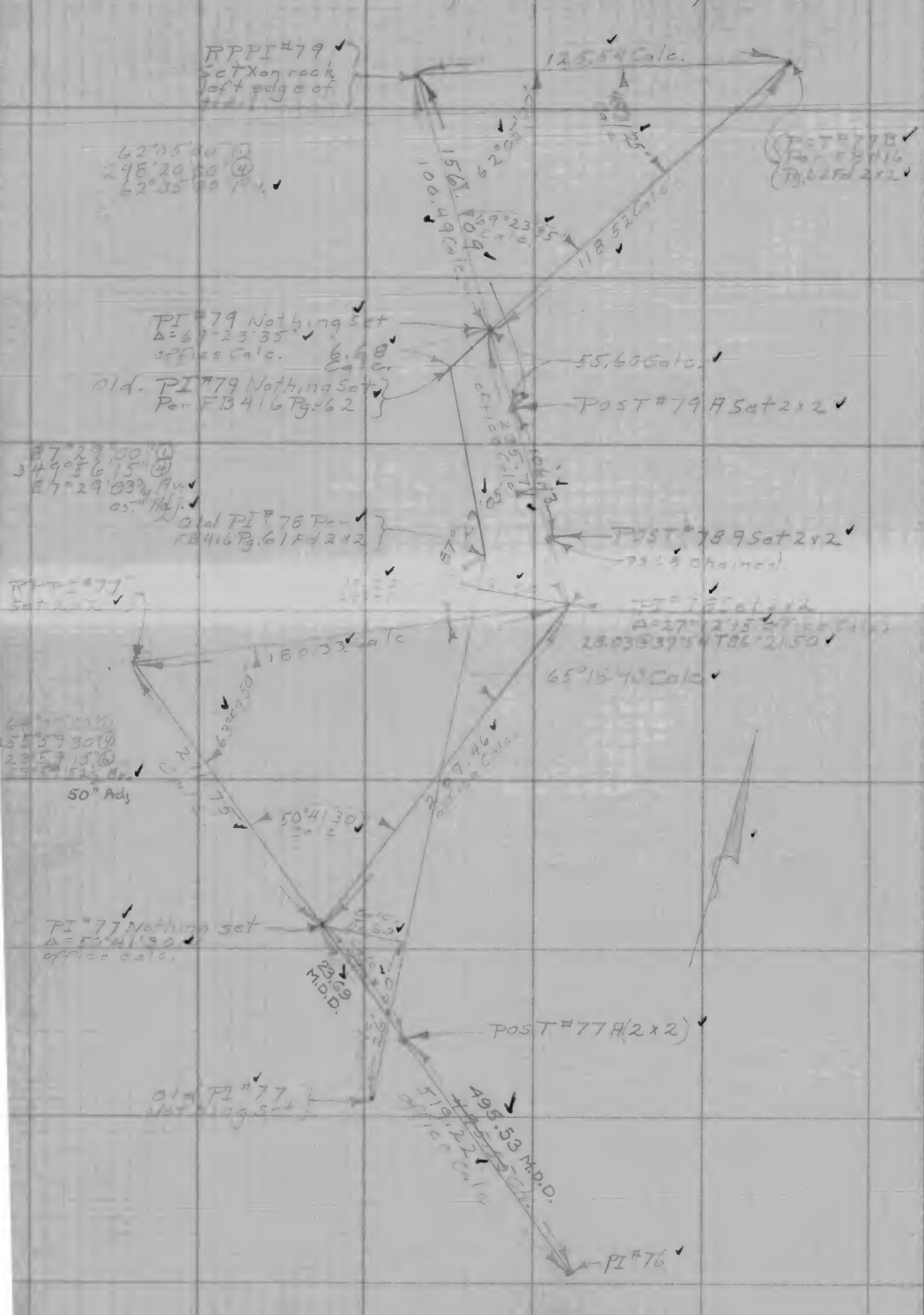
Notes Checked M. D. D.

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

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 278 Chief Party Notes by Brunty Date 5-16-32



RETURN TO
LOS ANGELES COUNTY SURVEYOR

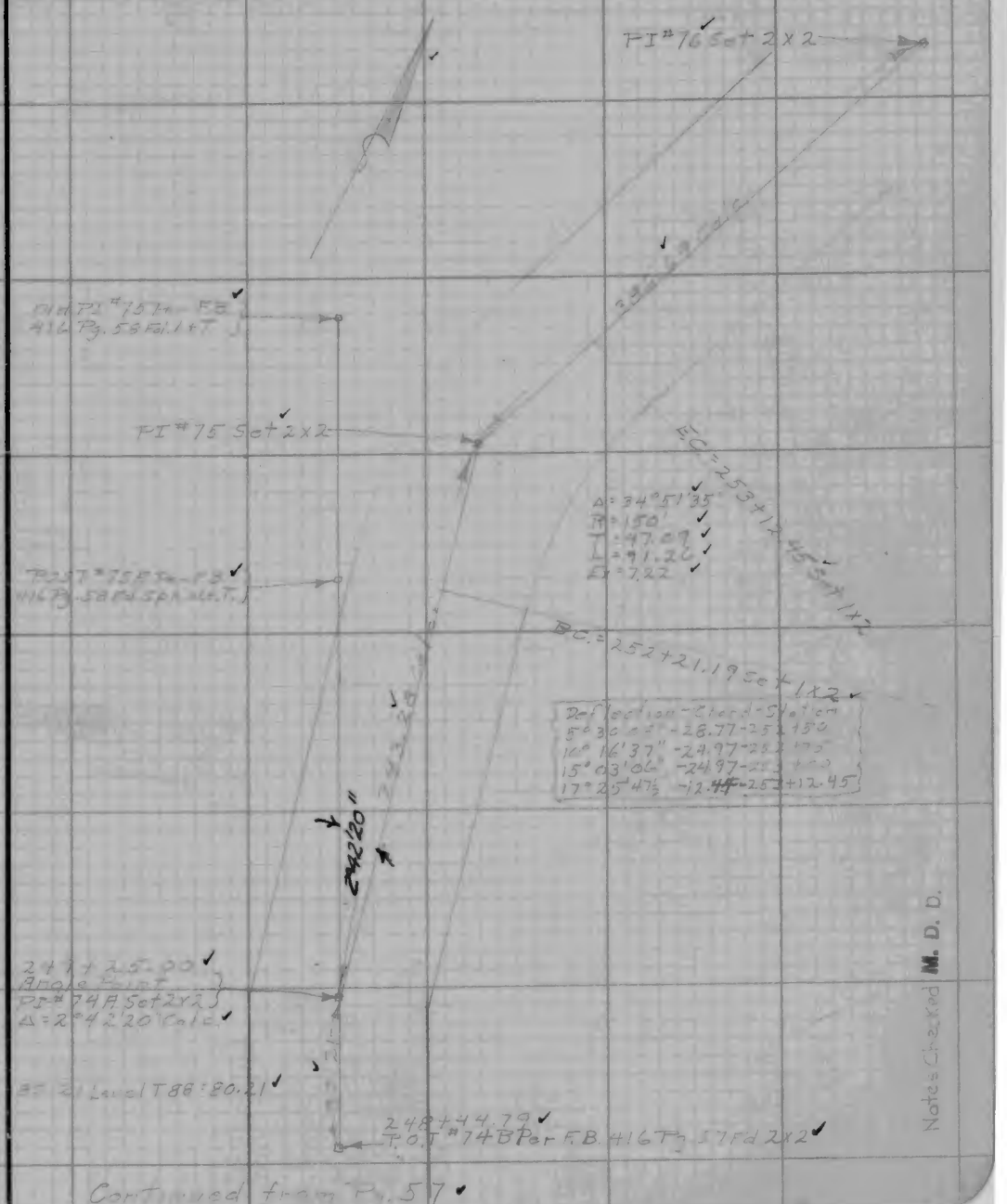
Do not extend notes this side of this line

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

Date 5-16-32 Notes by Brunty Chief Party Brunty F.B. 416 Pg. 279

Platted by R.W. McA.	W. O. No. 948 D. S. O. No.
Date June 1932	Location [illegible]
Map No. C.S.B-471-4	Surveyed by C.F. Brunty
Platting C'k'd by M.D. DARLING	Date May 16, 1932
Date JUN 2 1932	Indexed A. C. Johnson

Continued on Bot of Pg. 280



Continued from Pg. 57

Notes Checked M. D. D.

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

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg 250 Chief Party Notes by Date 5-17-72

Continued on bottom of Pg. 29

POST #779 Set 2x2

67.00
73.72
257.22
97.47 97.59 M.D.D.
495.55
495.53 M.D.D.

67.00 @ 8°00' 784 = 67.00
77.28 @ 17°27' 784 = 73.72
77.02 @ 16°50' 784 = 73.72
T.D. = 73.72

257.50 @ 2°42' 784 = 257.21
257.46 @ 2°28' 784 = 257.22
257.45 @ 2°20' 784 = 257.23
T.D. = 257.22

97.53 @ 11°27' 784 = 97.61
97.26 @ 11°15' 784 = 97.57 M.D.D.
T.D. = 97.61
= 97.59 M.D.D. + .12

495.53 M.D.D.

Δ 48°15'00"
R 5.25
T 235.12
L 442.11
E 50.24

BC = 254+16.95 Set 1½ x 1½ Post

PI #76 (2x2)

48°15'00"

48°15'00" (1)
193°00'00" (2)
48°15'00" Δ

PI #75 (2x2)

Station	Chord	Station
0°26'25"	6.07	254+25
1°48'18"	25.06	254+50
3°10'07"	"	254+75
4°31'56"	"	255+00
5°53'44"	"	255+25
7°15'43"	"	255+50
8°37'31"	"	255+75
9°59'22"	"	256+00
11°21'13"	"	256+25
12°43'05"	"	256+50
14°04'56"	"	256+75
15°26'47"	"	257+00
16°48'38"	"	257+25
18°10'29"	"	257+50
19°32'20"	"	257+75
20°54'11"	"	258+00
22°16'02"	"	258+25
23°37'53"	24.00	258+50
24°57'30"	7.04	258+59.04

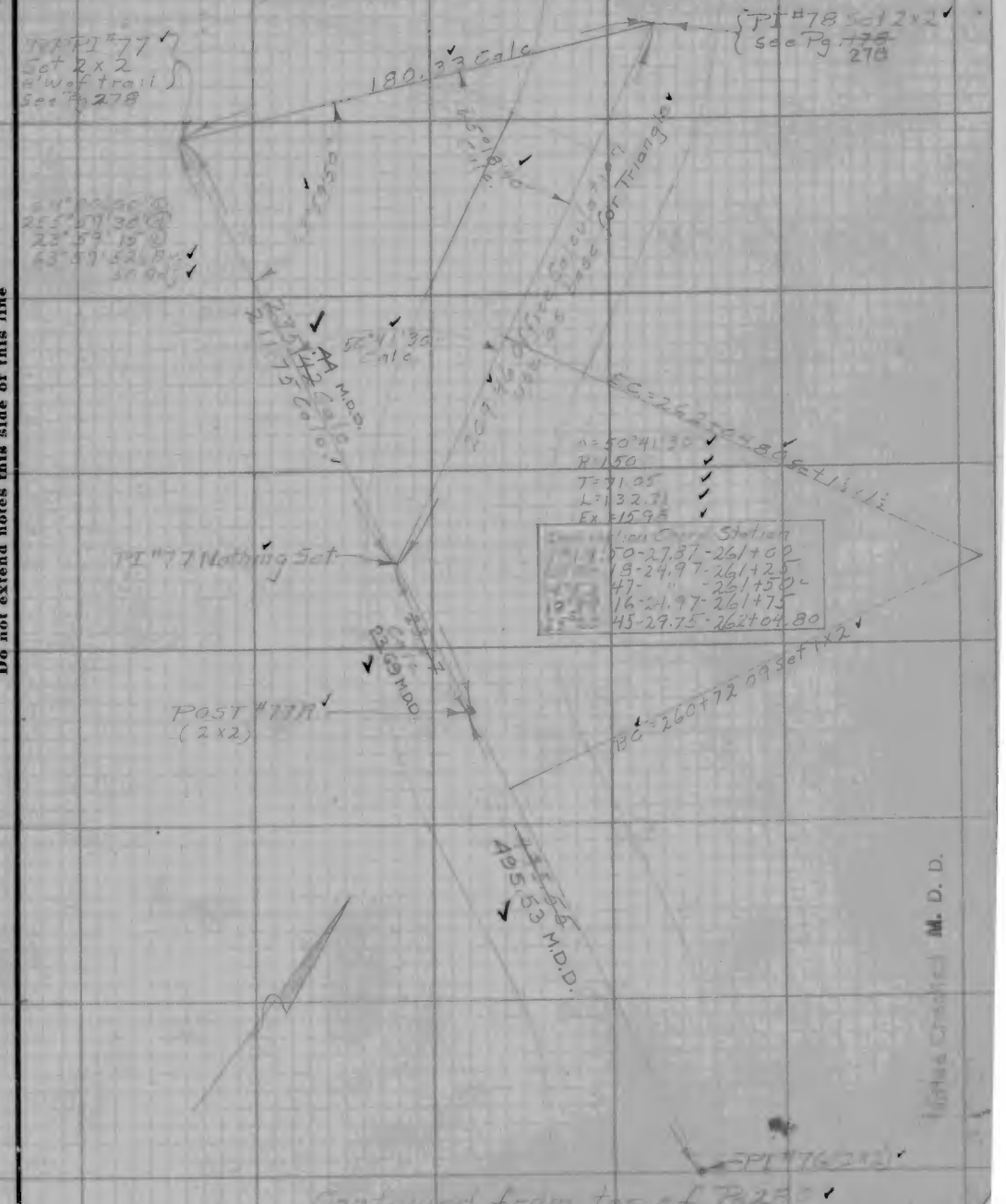
Continued from top of Pg. 27

RETURN TO
LOS ANGELES COUNTY SURVEYOR
Do not extend notes this side of this line
Notes: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red. WITH DATE AND NAME OF PERSON MAKING CHANGE.

Date 5-17-32 Notes by Brunty Chief Party Brunty F.B. [illegible] PG 281

Platted by R.W. McA.	W. O. No. 948 D. S. O. No.
Date June 1932	Location Camp Bonita-Prairie Ranks Rd.
Map No. C.S.B-471-4	Surveyed by C.E. Brunty
Platting C'k'd by M. D. DARLING	Date May 17, 1932
Date JUN 29 1932	Indexed A. C. Johnson

Continued on bottom of Pg. 282



Continued from top of Pg 280

Notes Checked M. D. D.

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

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR

F.B. 416 Pg. 292 Brunty Chief Party Notes by Brunty Date 5-27-32

Continued on bottom of Pg 283

Deflection	Rod	Station
2°02'49	28.575	262+75
3°50'15	25.00	263+00
5°37'40	"	263+25
7°25'06	"	263+50
9°12'32	"	263+75
10°59'58	"	264+00
12°47'24	"	264+25
13°36'07.5"	11.34	264+36.34

RETURN TO

LOS ANGELES COUNTY SURVEYOR

Do not extend notes this side of this line

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

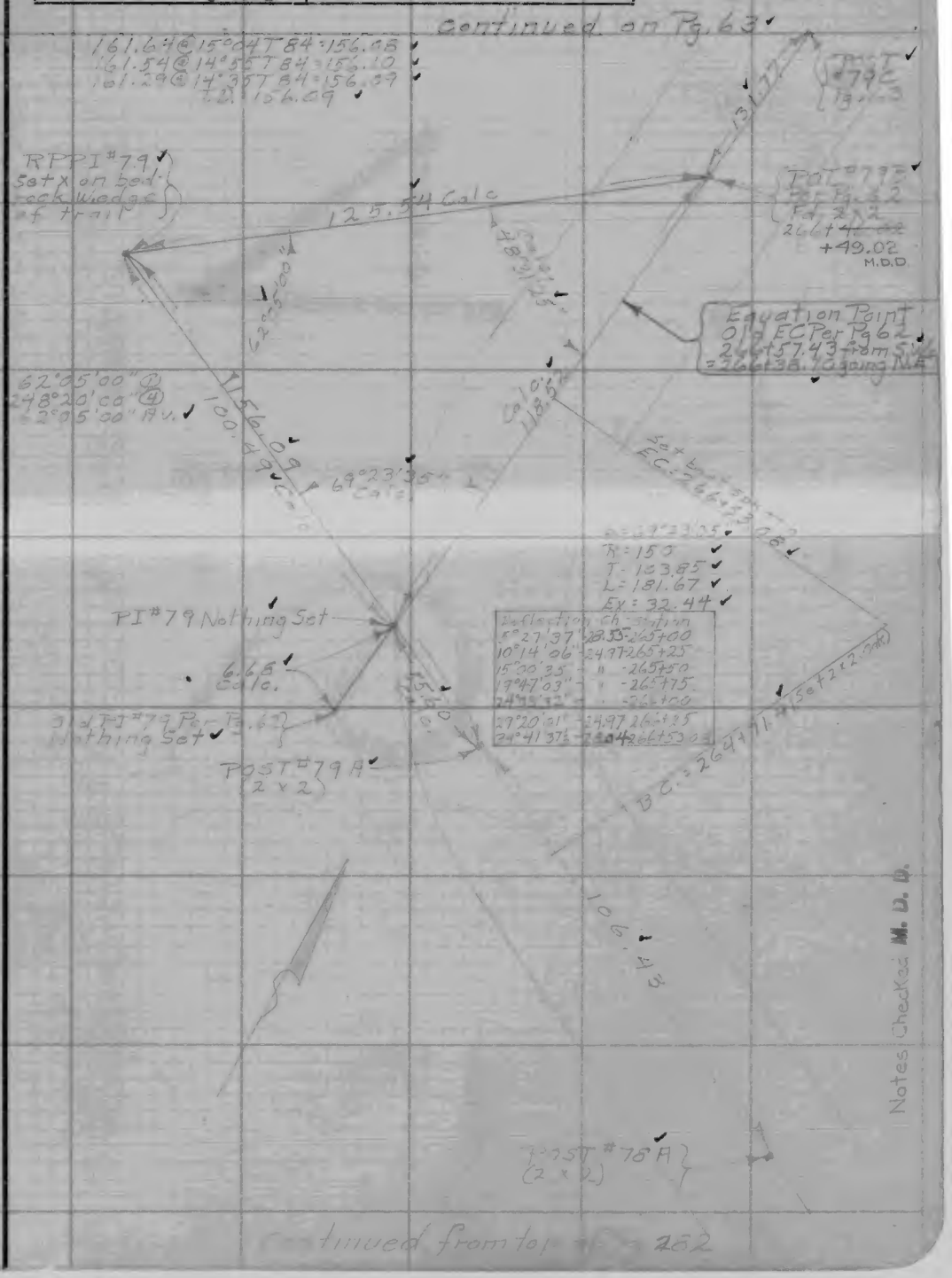
416

416

F.B. 11 Pg. 259

Notes Ck'd by M.D. Darling	Survey of Camp Coolie-Prairie Forks Rd.
Map No. C.S.B-471-4	W. O. 948 Tape No. 28 St'd 84 °F.
Office Work R.W. McA	Surveyed by C.E. Brunty
Checked M.D. DARLING	Notes Brunty Date 5-17-32
Date JUN 29 1932	Indexed A.C. Johnson

F.B. 412 Pg 283



Notes Checked M. D. D.

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink.- WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 5-31