TIE POINT 30
LA JOLLA

T.P. 30

EUGENE DIETZGEN CO.

DRAWING MATERIALS, MATHEMATICAL and SURVEYING INSTRUMENTS

Chicago New York San Francisco New Orleans Pittsburg Toronto

Distances from Center of Roadway for Cross-Sectioning
Roadway 16 feet wide. Side Slopes 1 on 1.
For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	0
1	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	1
2	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	2
3	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	3
4	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	4
5	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	5
6	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	6
7	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	7
8	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	8
9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	9
10	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	10
11	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	11
12	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	12
13	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	13
14	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	14
15	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	15
16	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	16
17	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	17
18	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	18
19	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	19
20	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	20
21	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	21
22	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	22
23	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	23
24	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	24
25	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	25
26	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	26
27	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	27
28	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	28
29	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	29
30	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	30
31	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	31
32	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	32
33	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	33
34	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	34
35	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	35
36	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	36
37	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	37
38	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	38
39	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	39
40	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be 30.6+(20—16)÷2 or 2 ft. added to 30.6=32.6. For slopes of 1 on 1½ see inside of back cover.

Copyright, 1914, by Eugene Dietzgen Co.

160.08

TIE POINT BOOK 30
LA JOLLA

CITY ENGINEER'S OFFICE

INDEXED
to page # 36
except page #20

This Field Book is manufactured of a High Grade 50% Rag Paper having a WATER RESISTING SURFACE, and is sewed with Bing Special Enamel Waterproof thread.

Made in U. S. A.

MAY 20, 1943

	Page
Dolphin - Bird Rock to Chelsea ✓	1
Abalone - Bird Rock to Chelsea ✓	1
La Jolla Blvd - Bird Rock to ✓	1
Electric Ave - Bird Rock to ✓	1 (Back)
Beaumont - Bird Rock to ✓	1 (Back)
Woverly - Bird Rock to ✓	2
Belleview - Bird Rock to ✓	2
Dolphin Pl. Bird Rock to ✓	2 (Back)
Abalone Pl. Bird Rock to ✓	3
Chelsea - Sea Rose Pl to Bird Rock ✓	3
Sea Rose Pl + Chelsea ✓	3
La Jolla Blvd - Midway to S.L. Bird Rock ✓	4
Electric Ave - Midway to S.L. Bird Rock ✓	4
Chelsea Ave + Foward ✓	4
Beaumont - Midway to Bird Rock ✓	5
Foward - Beaumont to Taft ✓	5
Woverly - Midway to S.L. Bird Rock ✓	5
Belleview - Midway to S.L. Bird Rock ✓	5
Taft - Foward to Bird Rock ✓	5
Linda Rosa - Midway to Bird Rock ✓	6.
Foward - Taft to Linda Rosa ✓	6
Midway - La Jolla Blvd - Electric ✓	7
La Jolla Blvd + Midway ✓	7
Electric Ave + Midway ✓	7
Electric Ave + Colima ✓	8
Beaumont - Colima to Midway ✓	8
Waverly - Colima to Midway ✓	8.
Belleview - Colima to Midway ✓	8
Taft - Colima to Midway ✓	8
Colima - Electric to Taft ✓	8
Midway - Beaumont to Taft. ✓	8

Chelsea Opening, N. End Ave. 3X

La Jolla Mesa Dr. (Muirlands Dr. - South) 35+36

La Jolla Park, Blk 48, Base Line and Prospect 50

Ad Bahr Dr. & Soledad Ave - Ties 41

		Page
Ocean View + Pearl	✓	24
Ocean View	✓	25
Location of 12" Con Ret. Wall Lot 1 Nicholson's Add	✓	26
Cont of above Survey	✓	27
Tie to M.H.T. baseline at Nly old	✓	
Cor of Nicholson's Add.	✓	28
Tie for Closure Nly Cor Nicholson's	✓	
to 7" C.T. on Pearl + Olivetas	✓	29
Ivanhoe Ave	✓	32
Virginia Way		32
Olivet Ave.		32
Cabrillo		32
Mar. Ave		32
Pepito St.		32
Pearl St.		32
Exchange Place		33
Virginia Way		33
Olivet Ave.		33
Ivanhoe Ave.		33
Mar Ave.		33
Pepito St.		33
Chelsea Ave. (opening Blk 15)		34
La Jolla Mesa Drive		35
Muirlands Drive		36
La Jolla Mesa Drive		38
Blk 48 La Jolla Park		51

		Page
Taft + Colima	✓	9
Linda Rosa + Colima	✓	9
Beryl + Mission Blvd	✓	10
Tourmaline + Mission Blvd	✓	11
Sapphire	✓	11
Colima + Electric Ave	✓	12
Agate + Turquoise	✓	12
Mission Blvd + Tuquoise	✓	12
La Jolla Blvd + Electric	✓	12
Colima - Belleview to Mission Blvd	✓	13
Belleview + Colima	✓	13
Van Nuys + Mission Blvd	✓	13
Archer + Mission Blvd	✓	13
Taft + Colima	✓	13
Colima + La Jolla Mesa Drive	✓	14
Linda Rosa Ave + Colima	✓	14
Mission Blvd + Pueblo Line 1783	✓	14
La Jolla Mesa Drive + Linda Rosa	✓	15
La Jolla Mesa Drive +	✓	15
Torano Rd + La Jolla Mesa Drive	✓	16
Torano Rd	✓	17
La Jolla Mesa Drive	✓	18
Bescano Rd + Zamora Rd	✓	19
Bescano Rd + La Jolla Mesa Drive	✓	19.
Survey Blk 41 La Jolla Park	✓	21
" " " " " " Con't	✓	22
Olivetas Ave. - Marine to Pearl	✓	23
Marine to Monte Vista Ave	✓	24
Olivetas + Pearl st.	✓	24
Vista Del Mar	✓	24

Plotted on Tie sheets
c.s.k.

Tie Points Reset from Roll #3580

Resub. Bird Rock City by the Sea and

C. Moore " " " " " " "
Sommermeyer
W. Moore
5 - 1943.

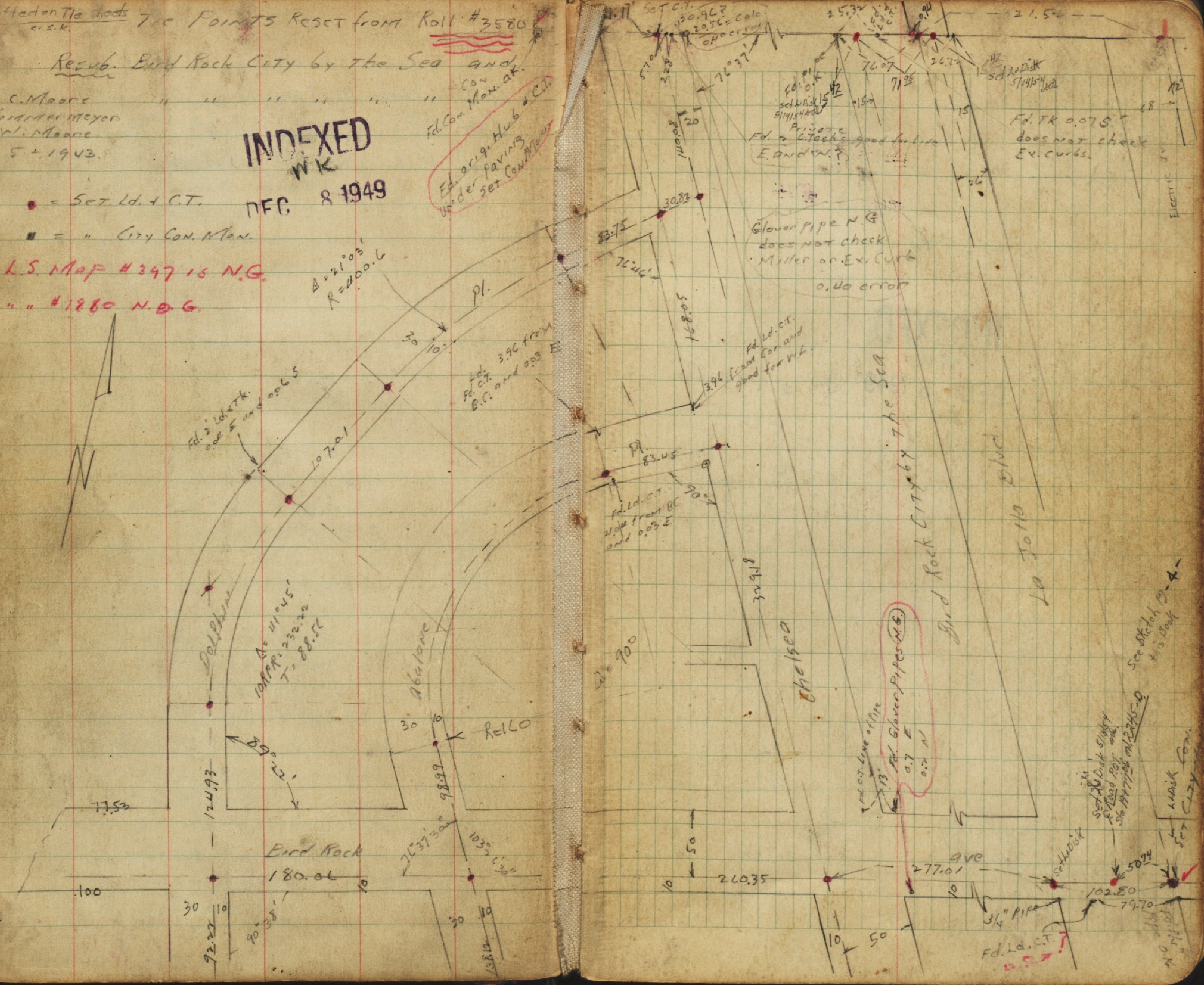
INDEXED
WK
DEC 8 1949

● = Set Ld. & C.T.

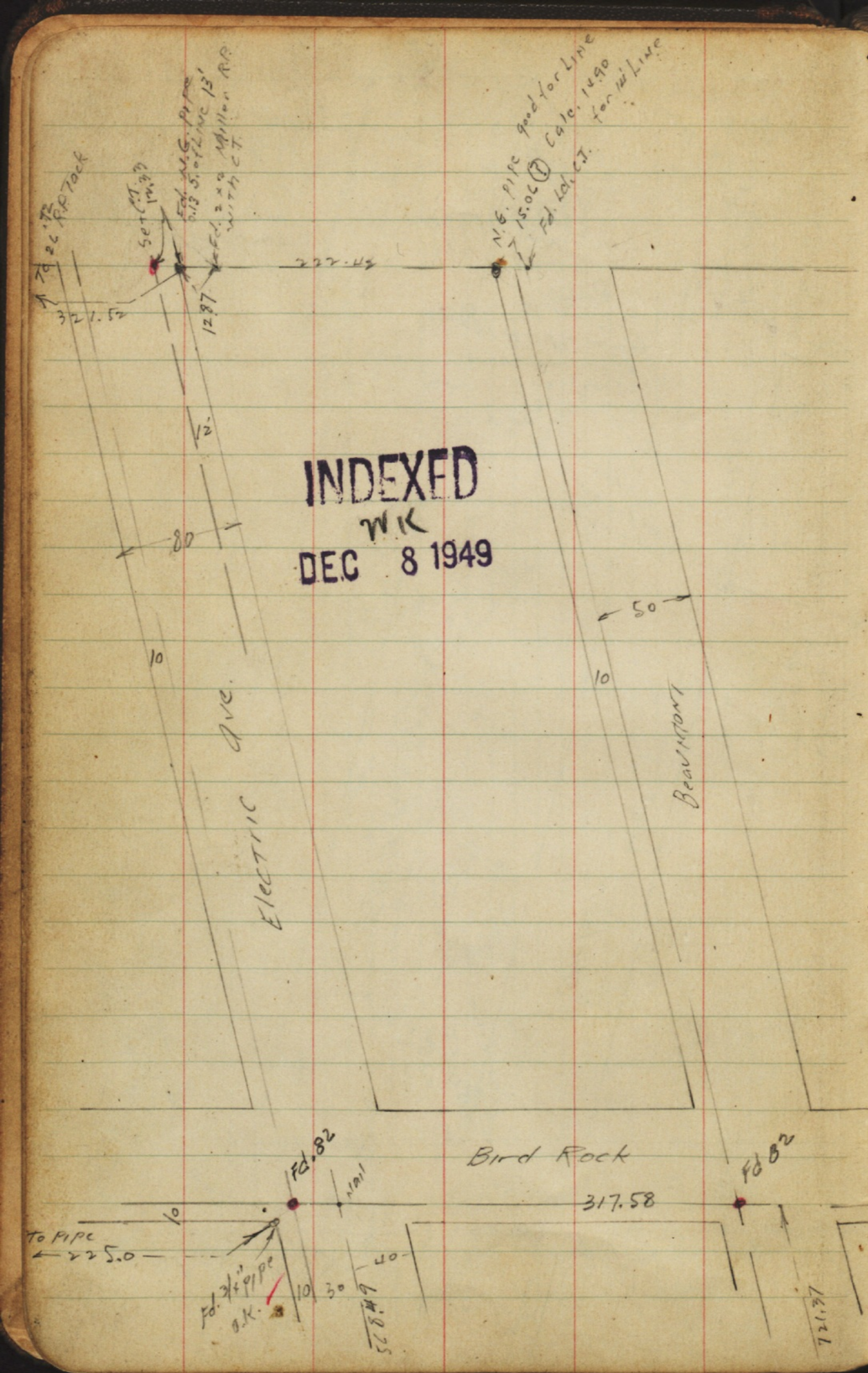
■ = " City Con. Mon.

L.S. Map #347 is N.G.

" " #1880 N.G.G.

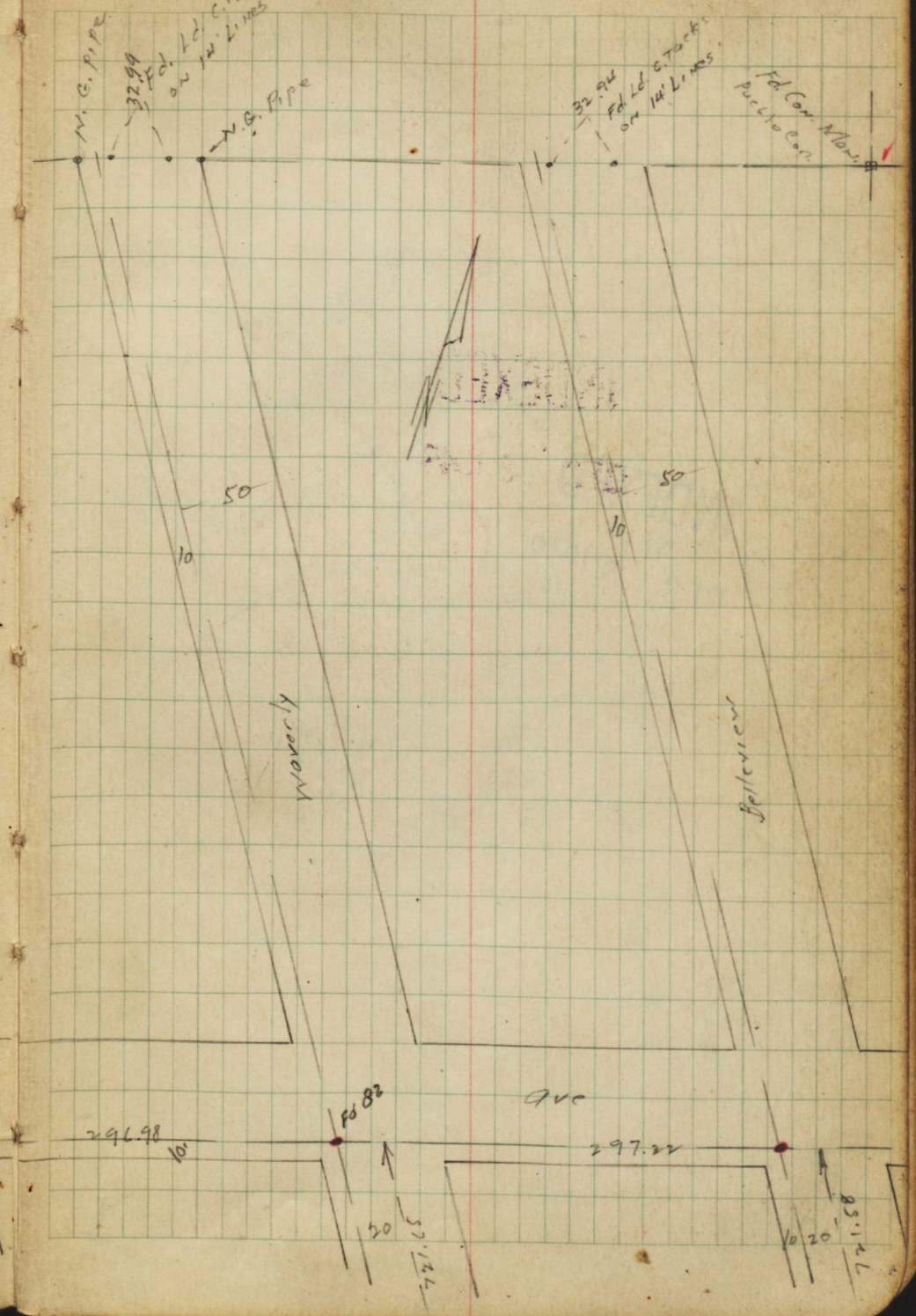


INDEXED
W.K.
DEC 8 1949

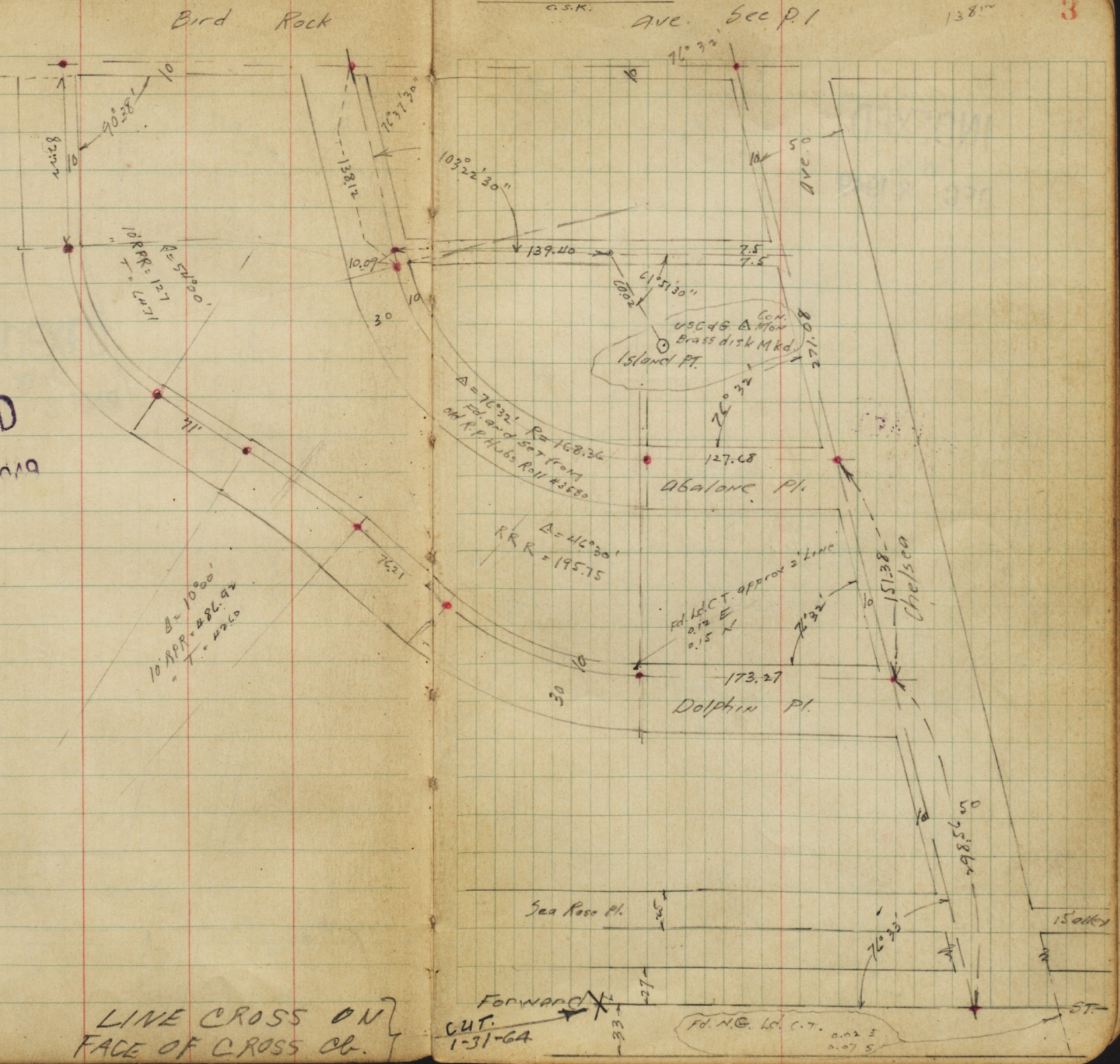


Platted on Tie sheets
C.S.K.

2



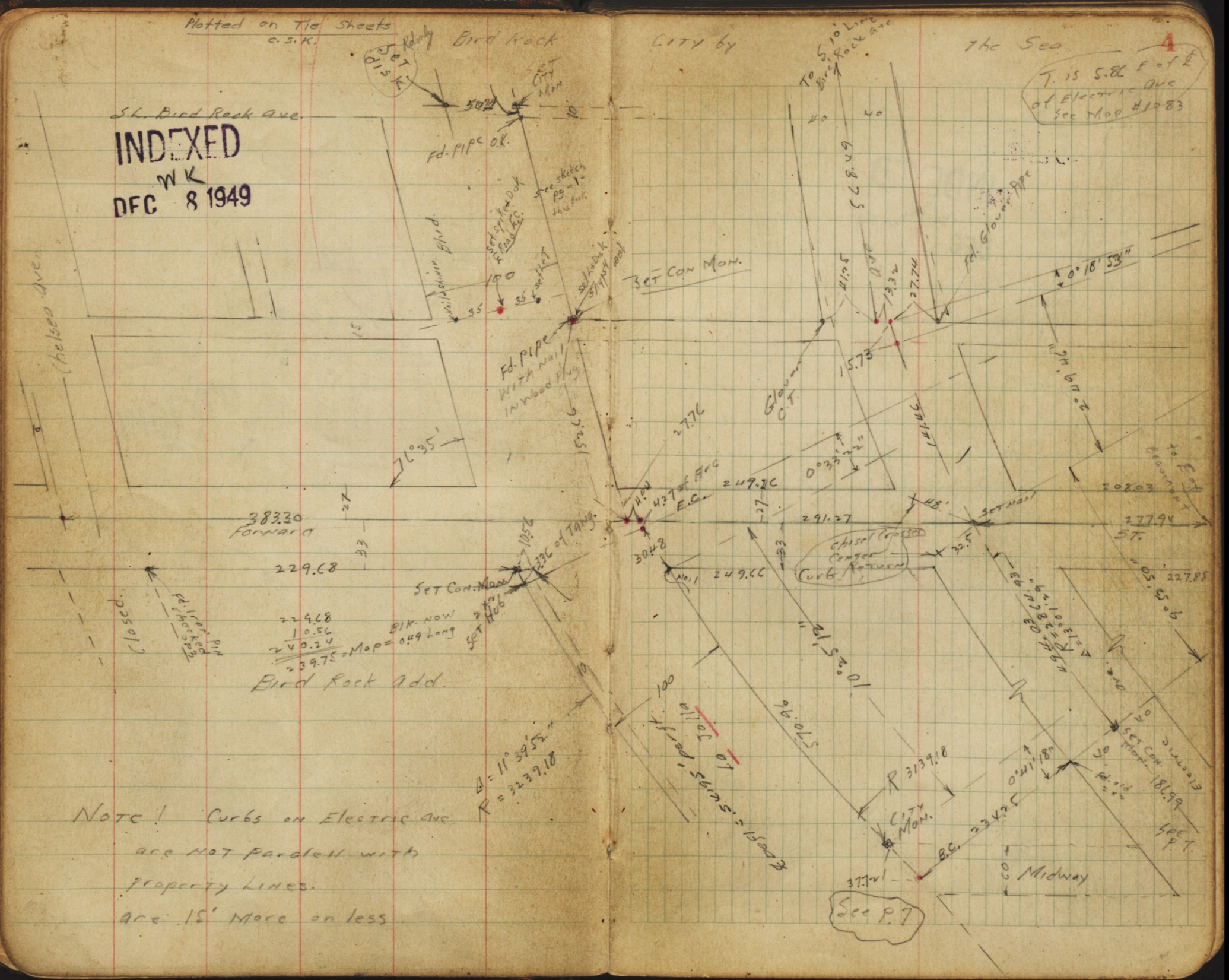
Plotted on Tie sheets
C.S.K.



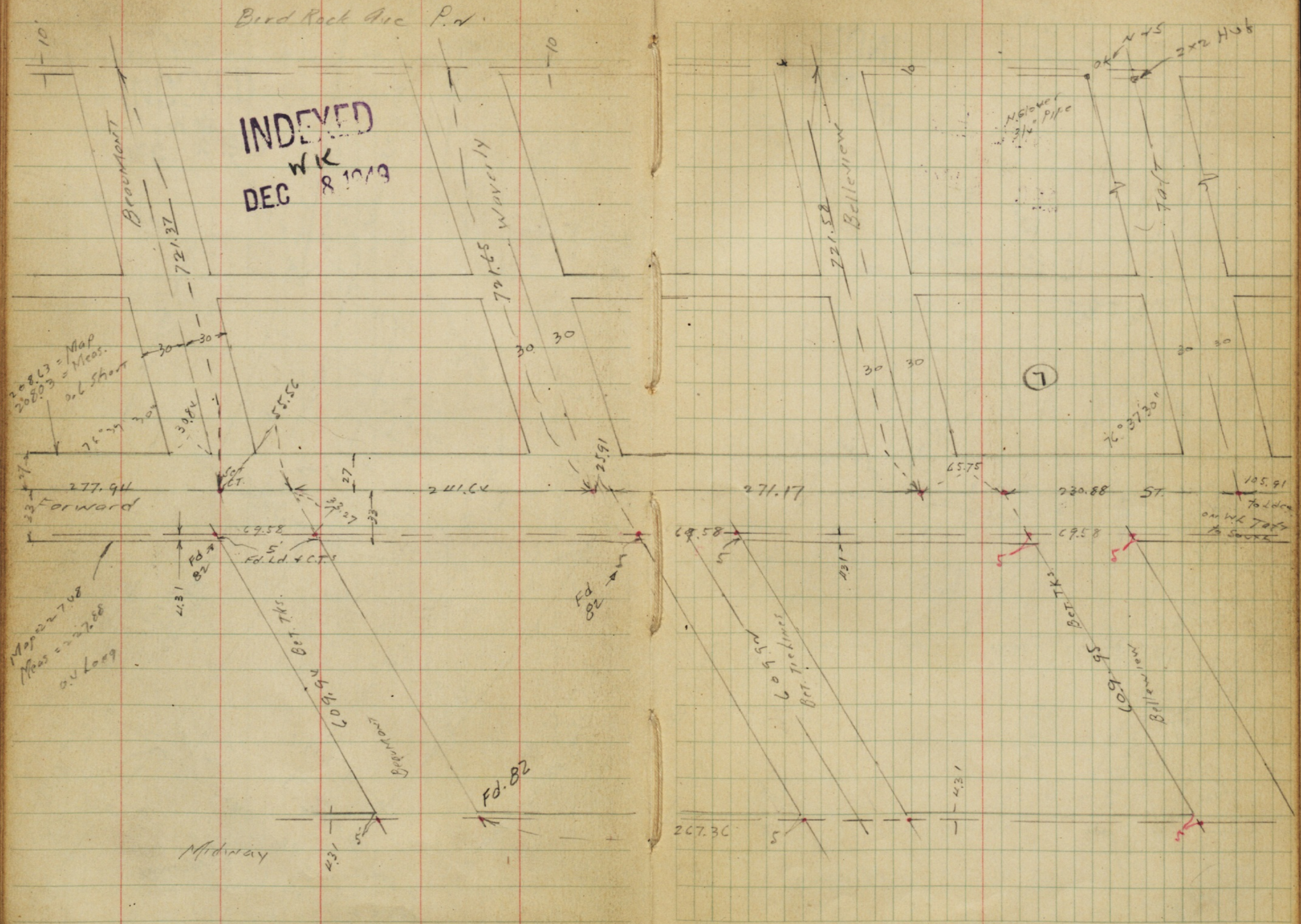
INDEXED
WK
DEC 8 1949

LINE CROSS ON
FACE OF CROSS Cb.

Plotted on Tie Sheets
C.S.K.

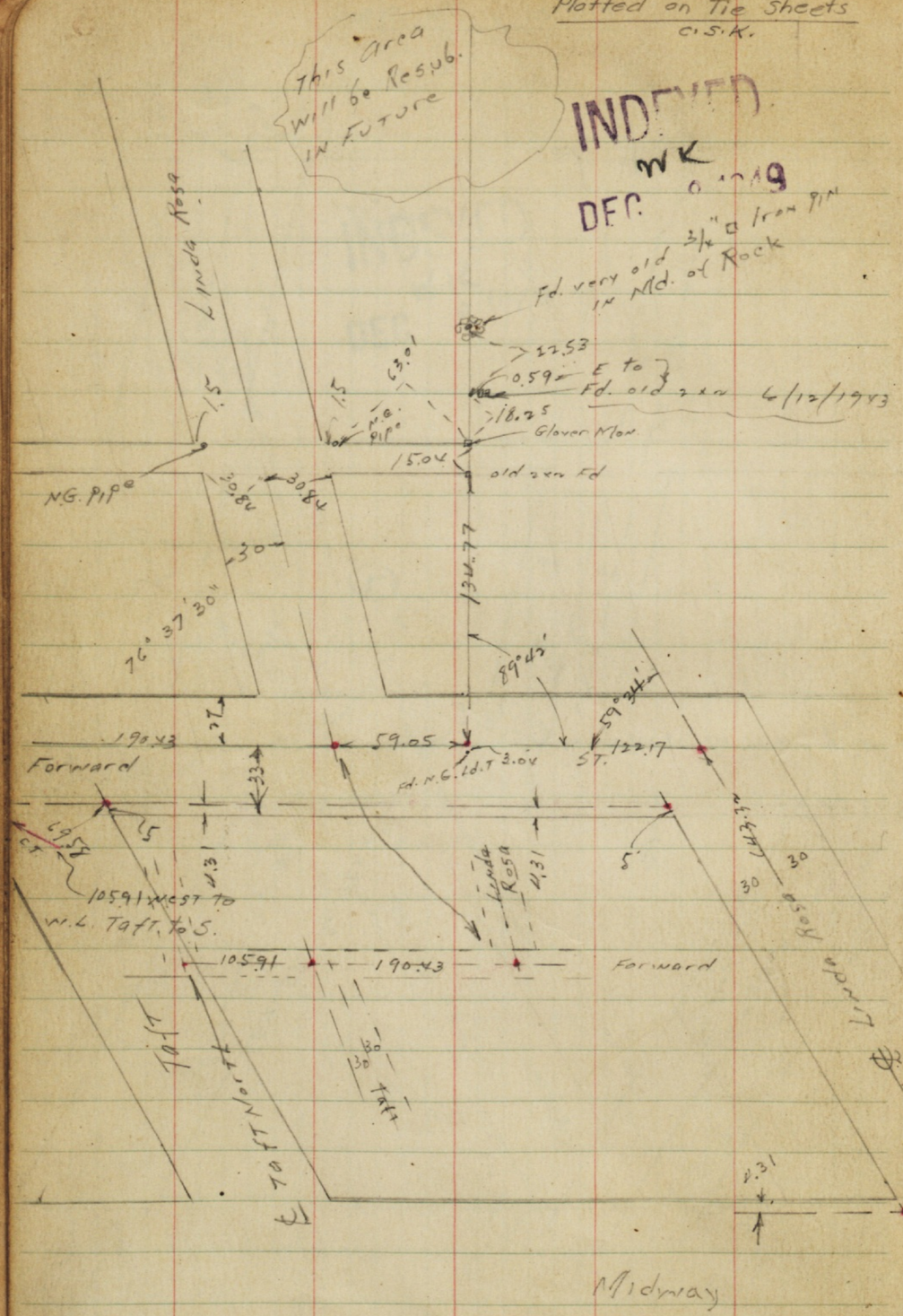


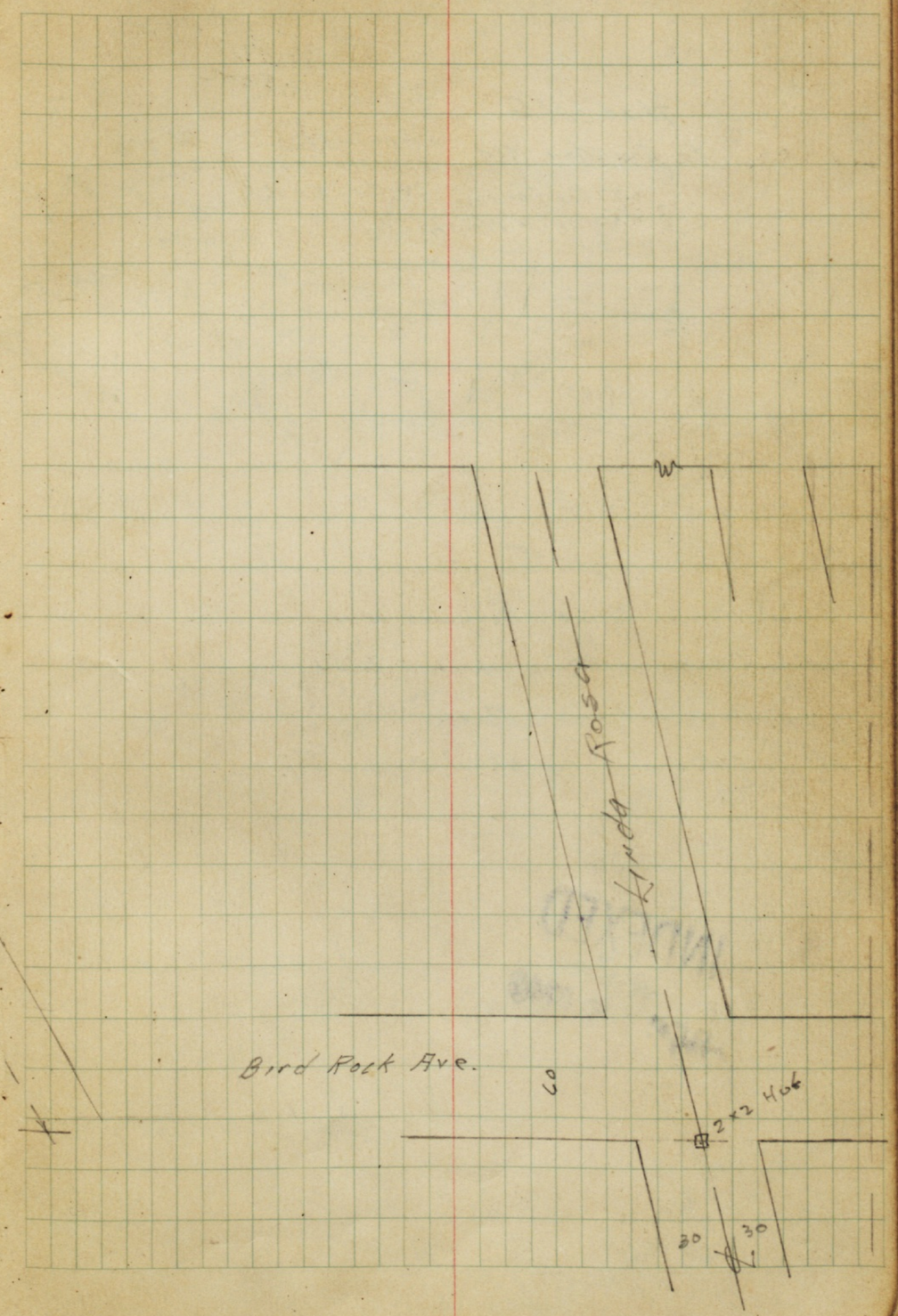
Plotted on Tie sheets
C.S.K.



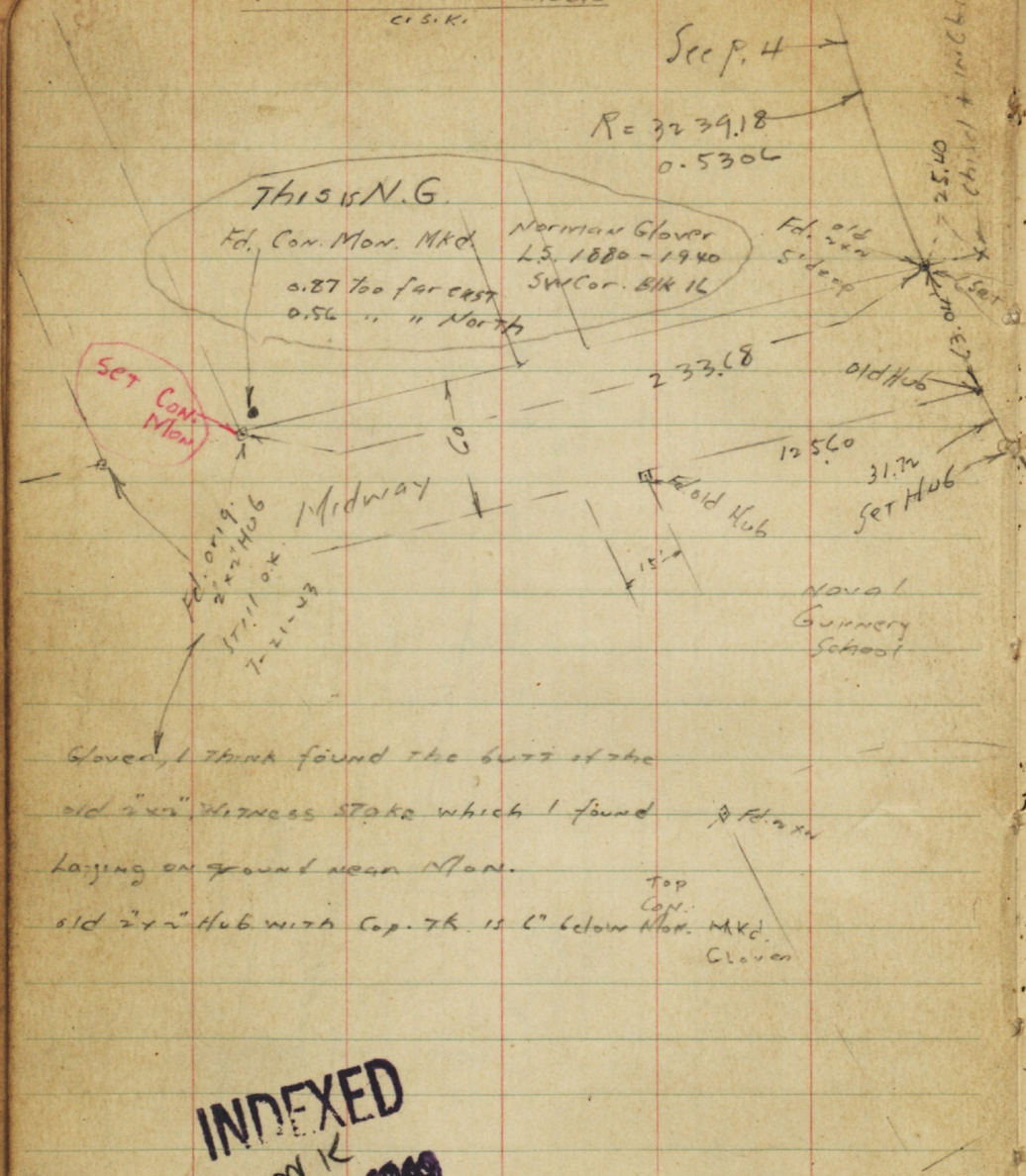
Platted on Tie Sheets
C.S.K.

INDEXED
WK
DEC 0 1949





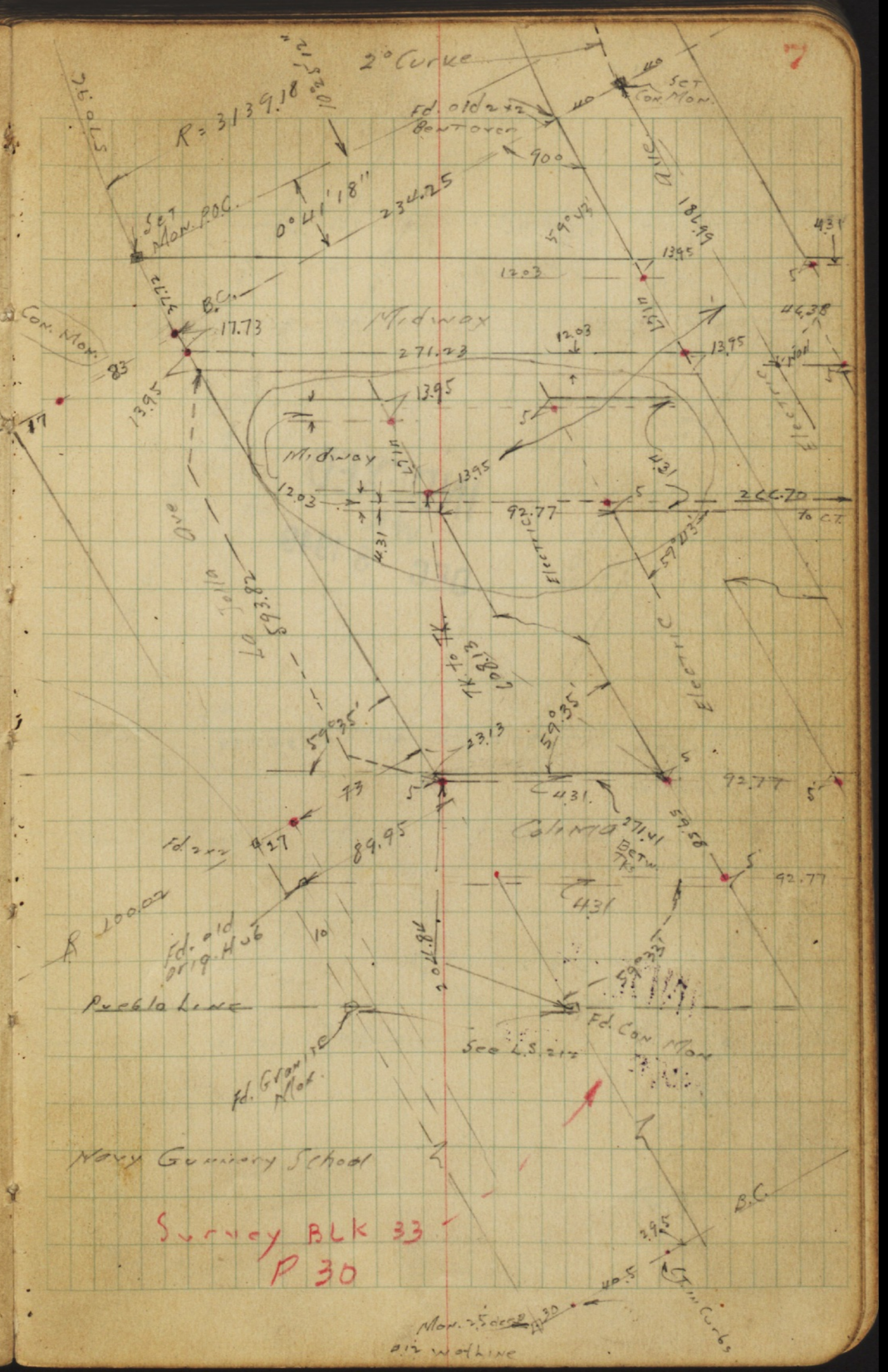
Plotted on Tie sheets
C.S.K.

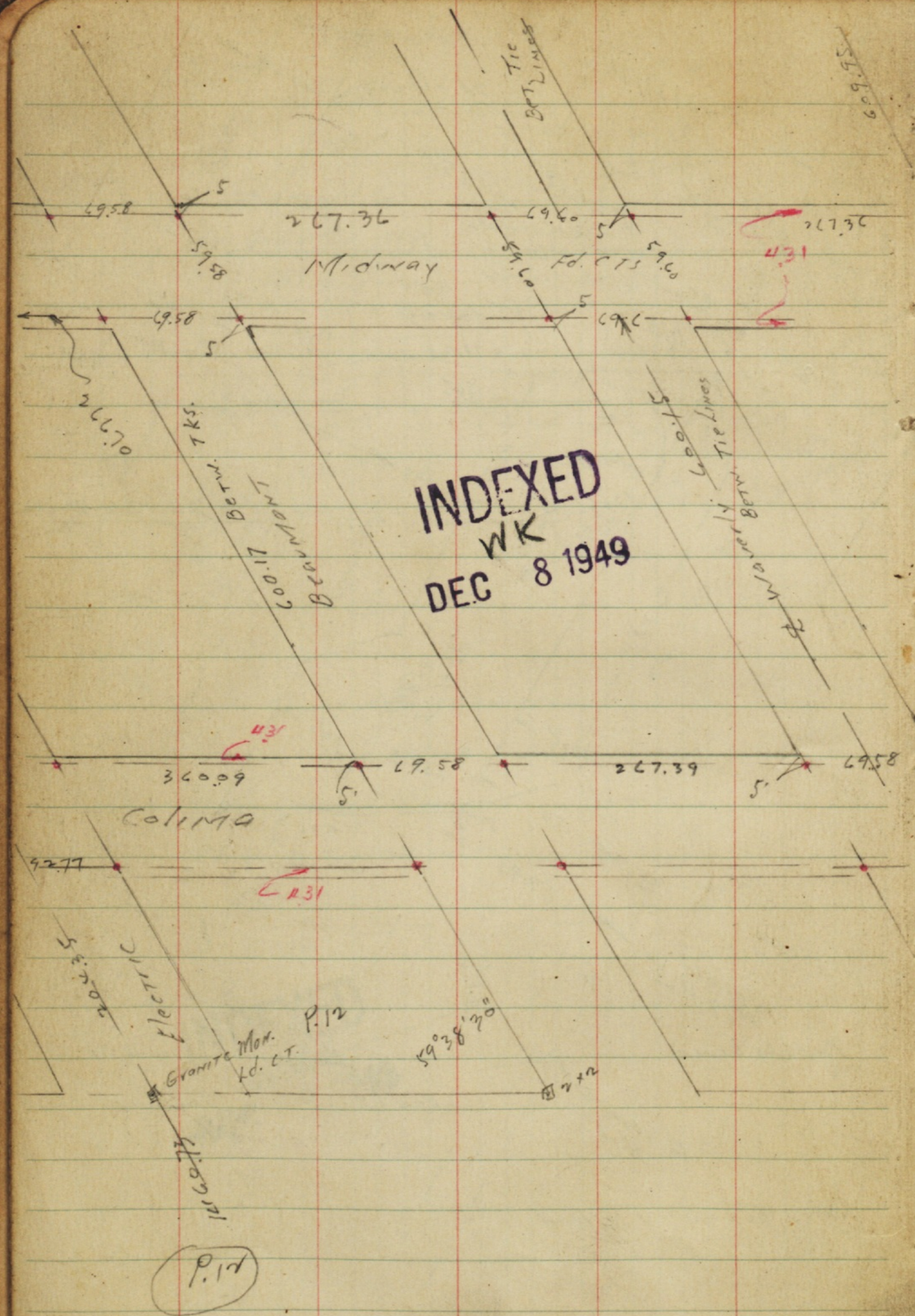


Glover, I think found the butt of the old 2"x2" witness stake which I found laying on ground near Mon.

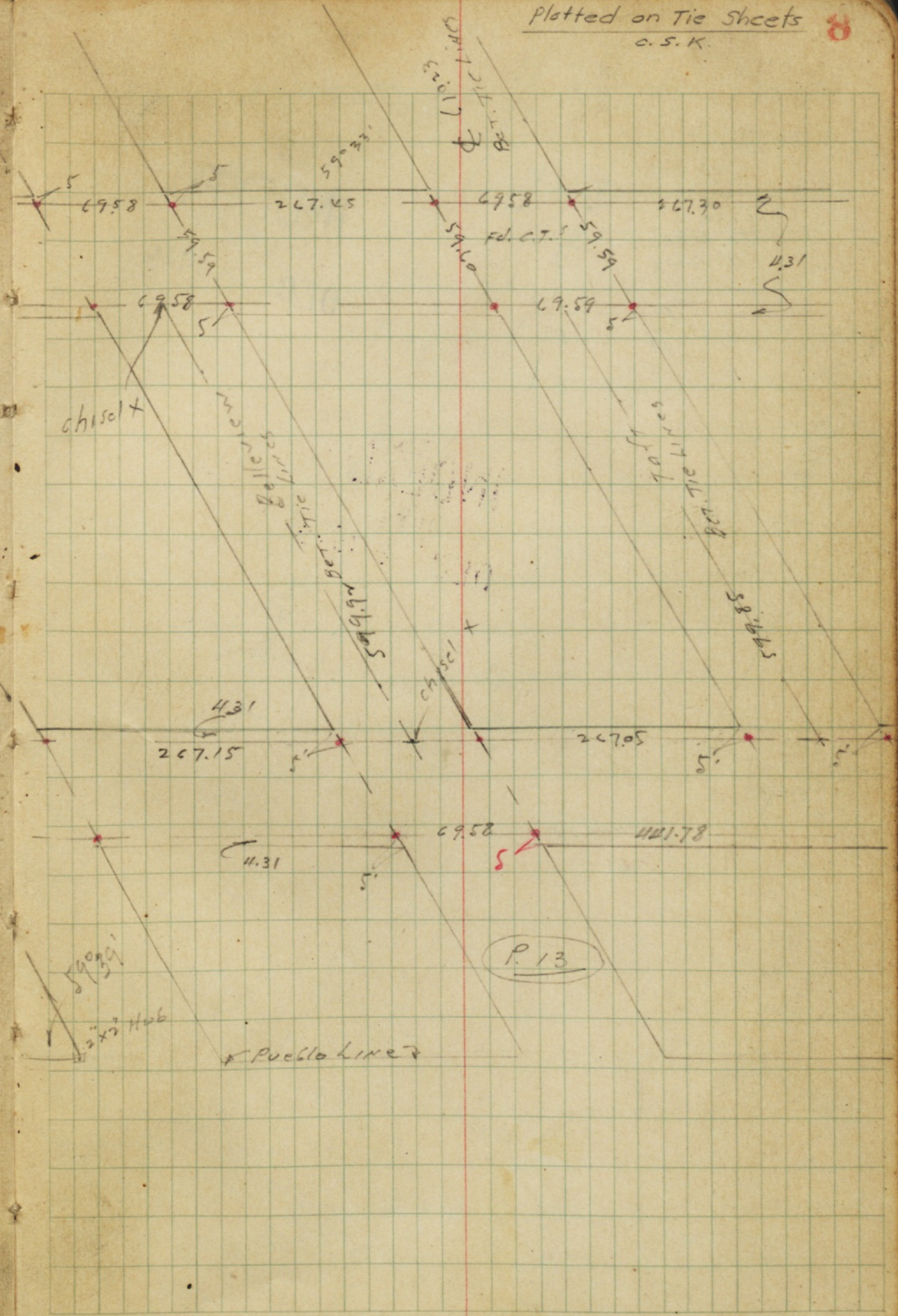
old 2"x2" Hub with Cop. Tk. is 6" below Top Con. Mon. Mkd. Glover

INDEXED
MK
DEC 8 1949





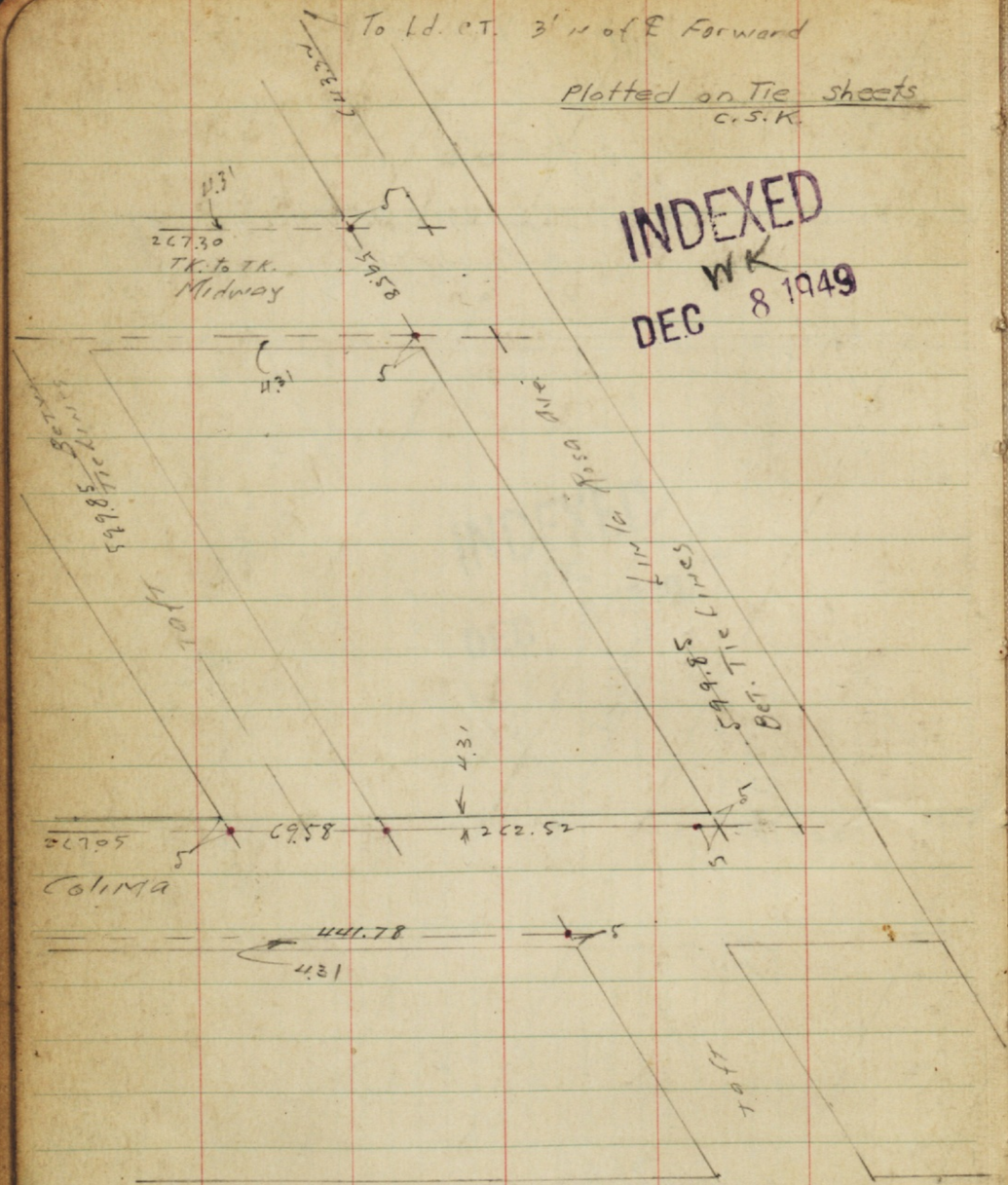
INDEXED
WK
DEC 8 1949



To Ld. C.T. 3' N of ℄ Forward

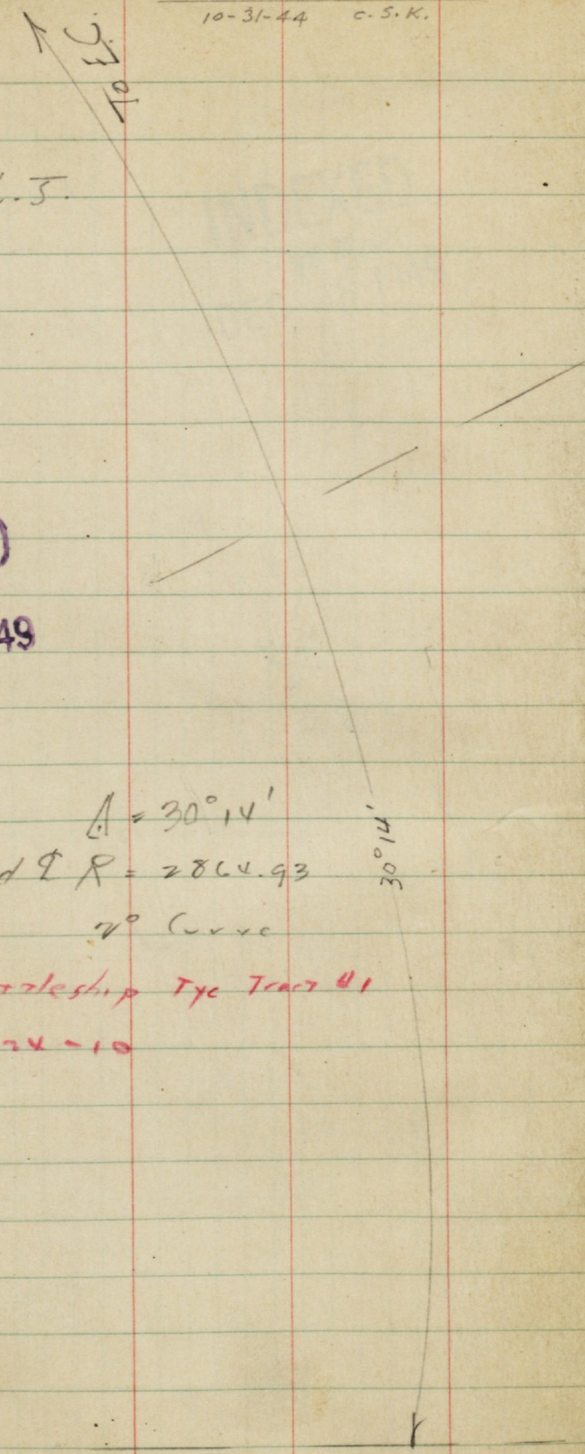
Plotted on Tie sheets
C.S.K.

INDEXED
WK
DEC 8 1949



p. 13

Plotted on Tie sheets
10-31-44 C.S.K.



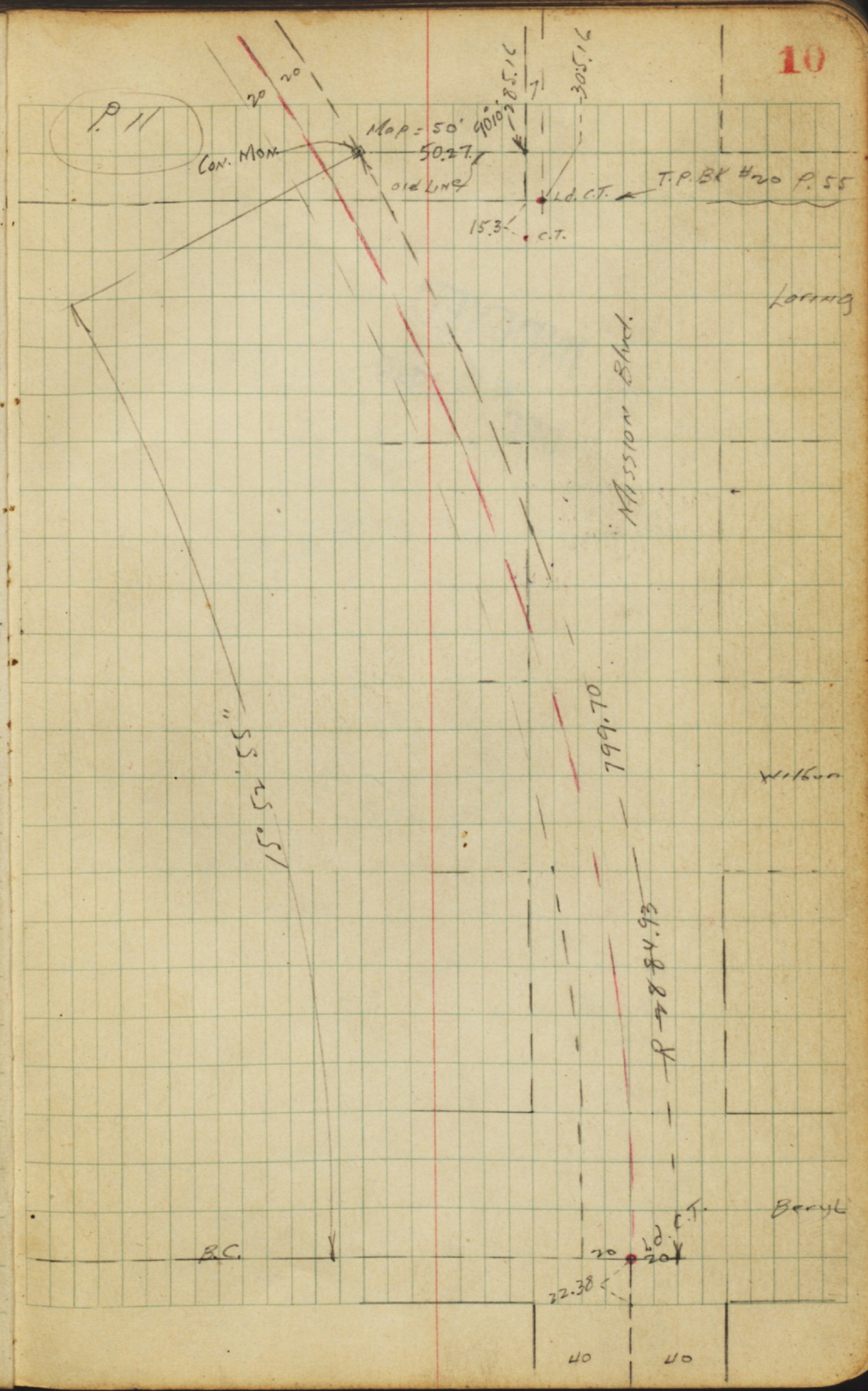
Old ~~L.A.~~ San Diego P.B. & L.J.
R.R. R.O.W.

C. Moore
Sommermeyer
W. Moore
8-12-43.

INDEXED
WK
DEC 8 1949

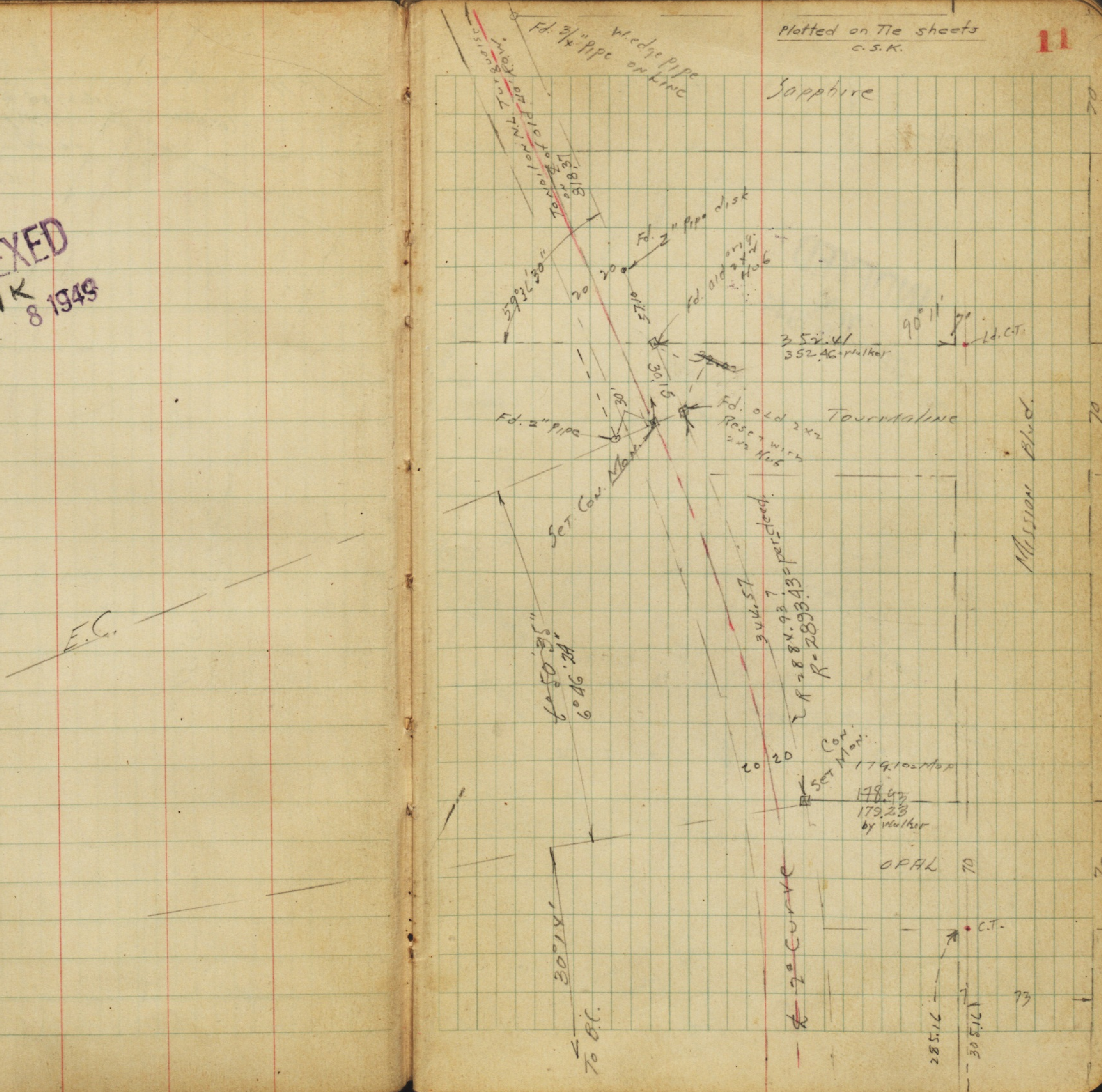
Δ = 30°14'
Old ℄ R = 2864.93
2° Curve

For Ties in Nettleship Tye Tract #1
See Gr. Bk. 124-10

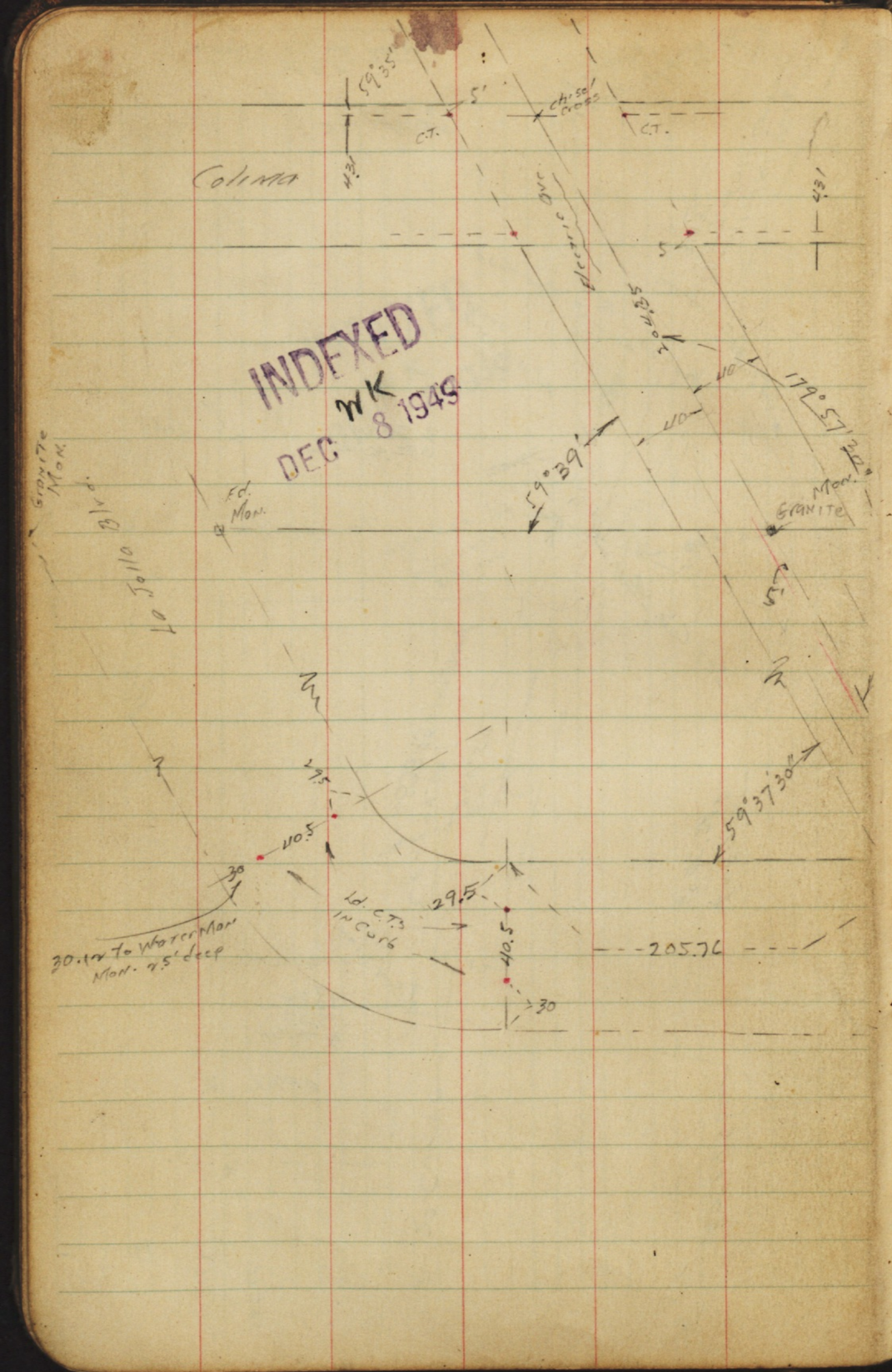


INDEXED
WK
DEC 8 1949

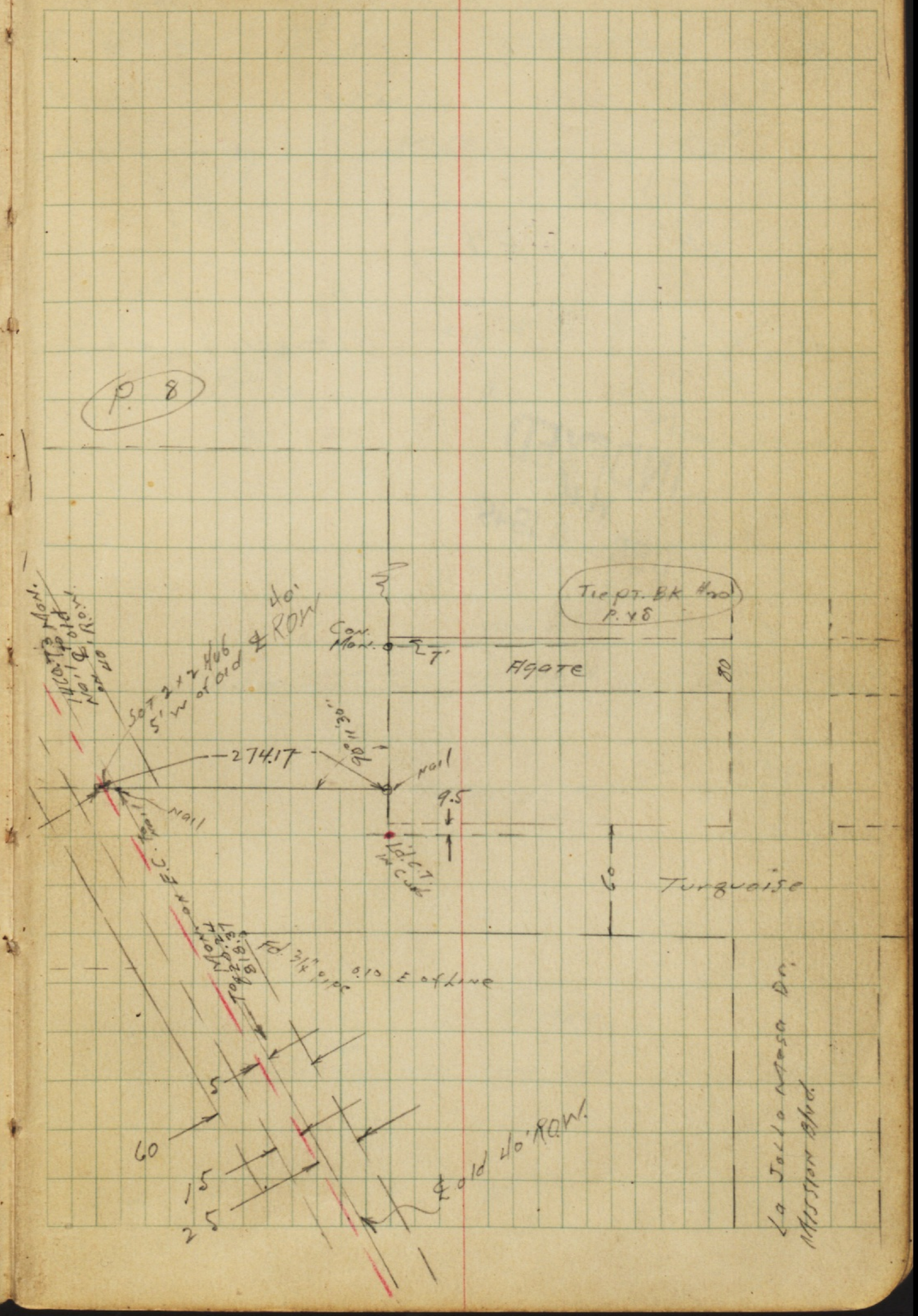
Plotted on Tie sheets
C.S.K.



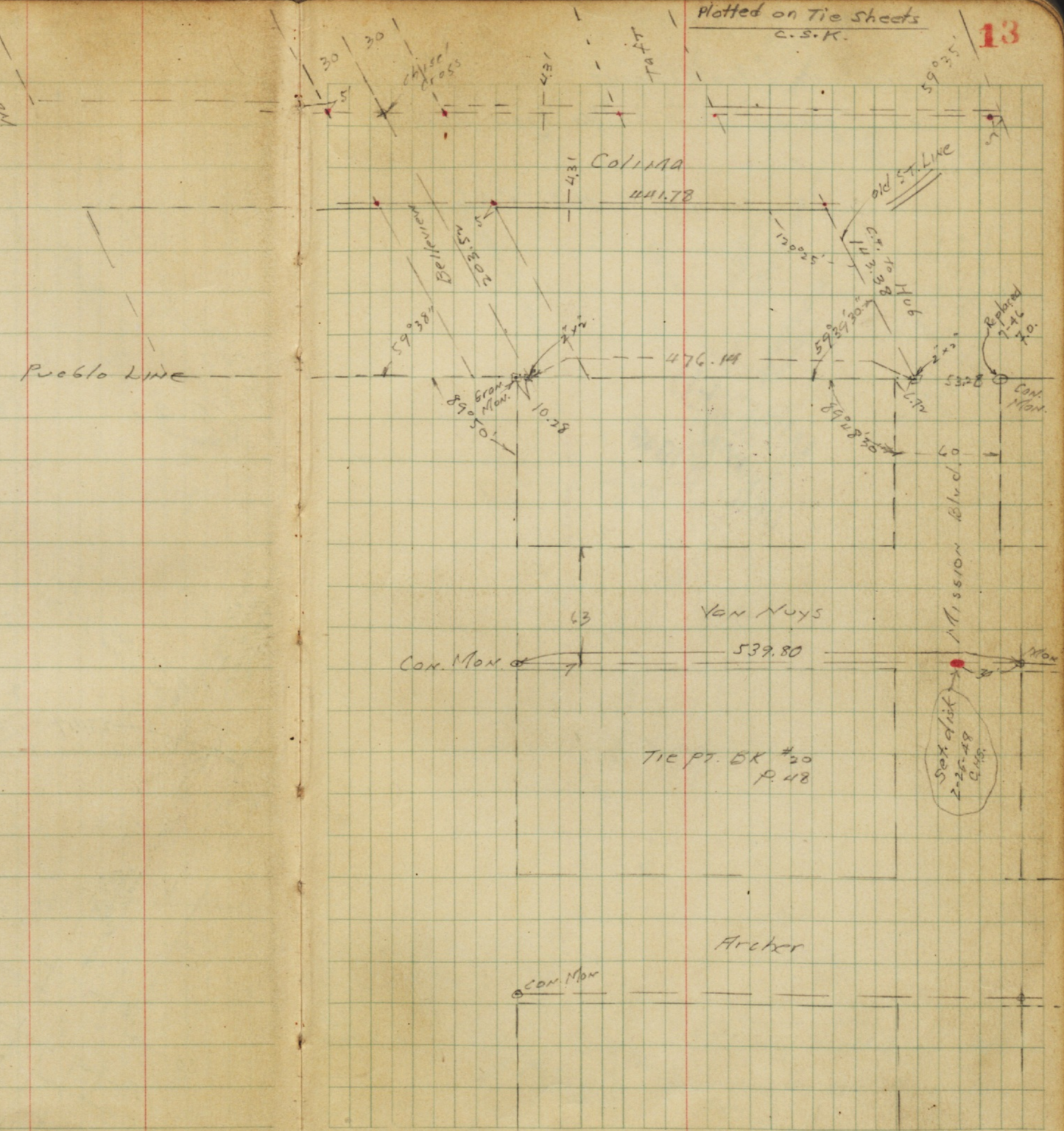
Plotted on Tie Sheets
C.S.K.



INDEXED
WK
DEC 8 1945



Plotted on Tie Sheets
C.S.K.



INDEXED
WK
DEC 8 1949

Plotted on Tie sheets
C.S.K.

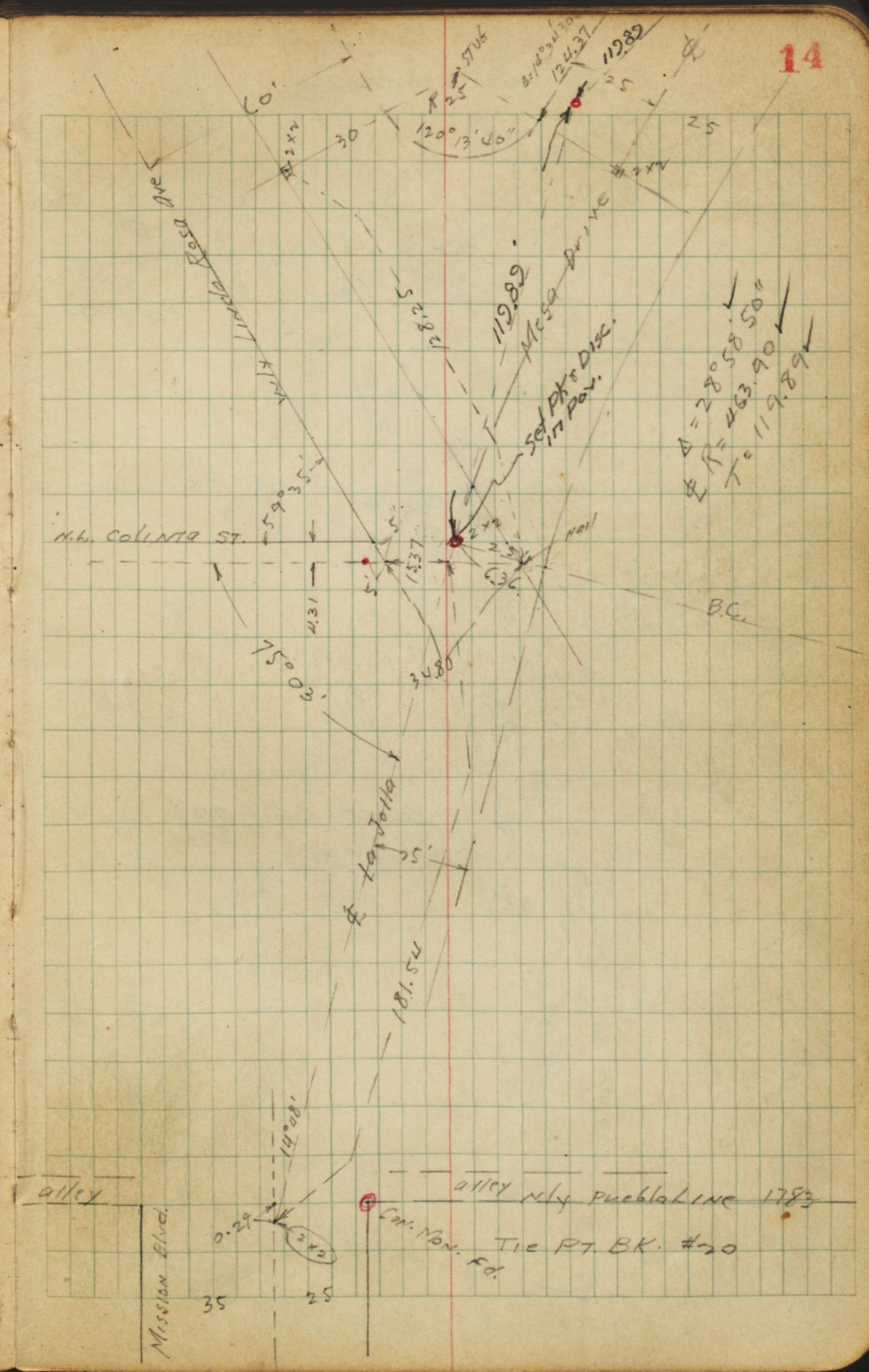
C.S.M.
10-7-43
Sommermeyer
W. Moore

La Jolla Mesa Drive
at Colima and Linda Rosa Ave.

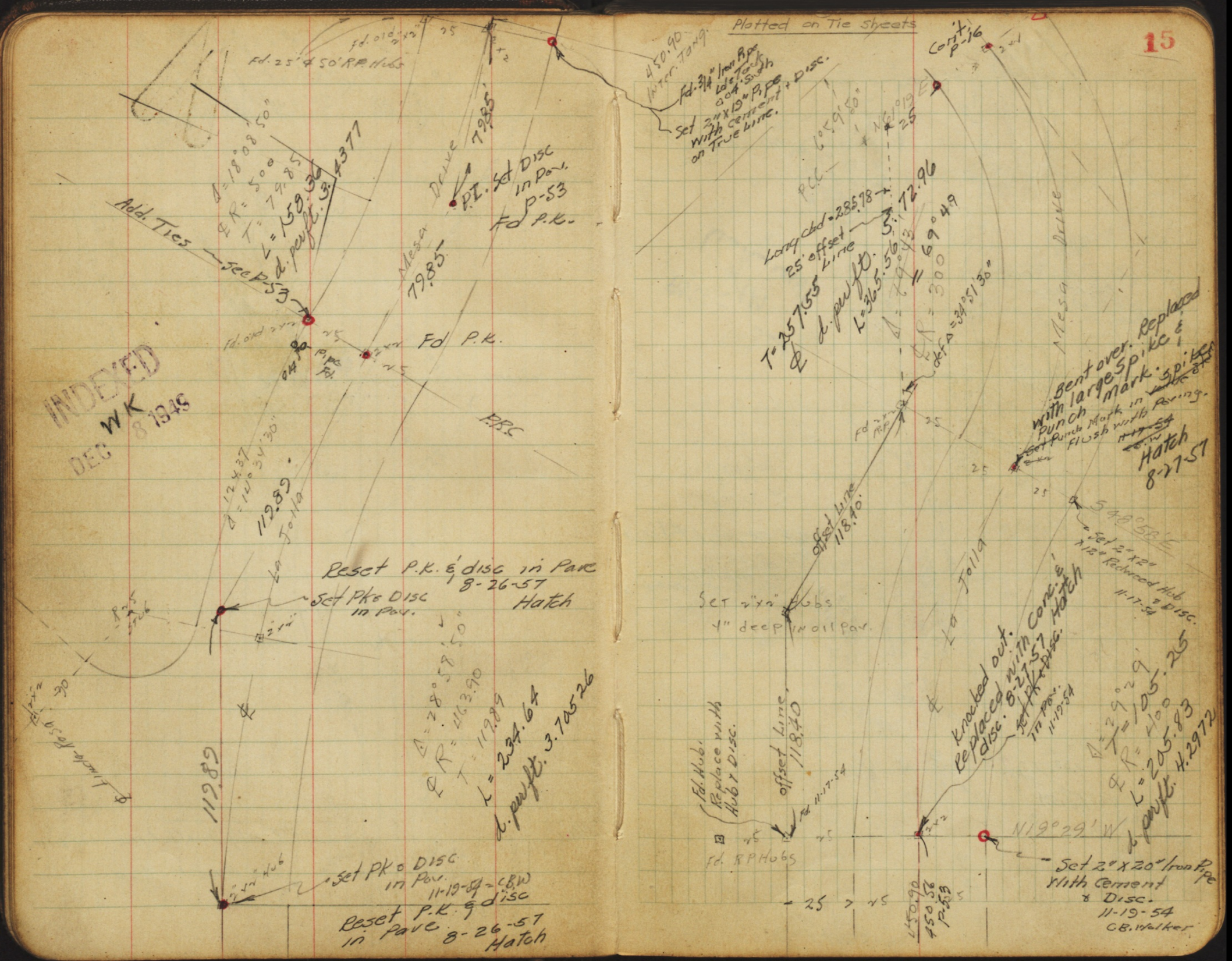
• = Ld. C.T.

⊡ = Set 2"x2" RW Hubs 4" deep in oil Pav.

INDEXED
WK
DEC 8 1949



Plotted on Tie Sheets



INDEXED
WK
DEC 8 1949

Cont. Rt Page

Δ = 85° 54' 10"

Fd. 1" Pipe + Disc.
R.E. 1534
C.B.W.

25.0

B.C.

50

Fd. R.P.

Set 1 3/16" X 20" Pipe
With Cement
& Disc.

See P. 17

302.44 to P.K. Nail E.C.
(See P. 16 Below R.T. + Also P. 52 S.C.)

N 35° 40' 50" W
247.70' Meas.

N 17° 35' 10" E
306.80

C.B.W.
11-16-54

Fd. 2" Pipe + Disc
R.E. 1534
0.15 South
Reset on
Dist. from
R.E.

Cont. P. 14

100°04'
Turned

Sta. 56.96

Set 1 1/2" Pipe + Disc.

29.83
29.83 OK

Torano R.C.
N 54° 19' 10" E

Mesa Drive

302.30
305.92
(Calc. Meas.)
from W. Line

Fd. R.R. Hubs
Fd.
11-16-54
C.B.W.

Set PK Nail Fd. 1" P.W.
And Disc.
In Asphalt
Paving
C.B.W.

Additional Dole 2.52

Δ = 6° 54'
℄ L.C. = 107.10

P.C.C. N 61° 19' E

Set 1" Pipe + Disc.
Set PK + Disc.
Set 1" Pipe + Disc

0.33

Fd. 2" Pipe
R.E. 1534

Fd. old 2"x2"

0.19

Δ = 69° 49'
Δ = 69° 43'
ER = 300

La Jolla

Cont. P. 15

WK 349

Plotted on Tie Sheets
C.S.K.

See P. 18

Fd. Hub 8" Deep
Set Mon. Level with Pav.
10-5-51

Δ = 16° 38'

P.R.C.

Set 3/4" X 18" Galv. Iron Pipe
With Ld. + Disc.
10-5-51
C.B.W.

Δ = 50° 13' 20"
R = 500
℄ ST = 234.34

Set Pk. Nail
In Cap. Disc.
In Paving

Set Pk. Nail
In Cap. Disc.
In Paving

2" X 2" Hub + Tk.
10-5-51
C.B. Walker

Fd. Hub + Tk.
10-5-51

Set 3/4" X 18" Galv. Iron pipe
level with Top P.C. Paving
Ld + Cap. Disc.
10-5-51
C.B.W.

8.98

N 50° 13' 20" E
279.2 V
279.36 Meas.
C.B.W.

0.38 Set Pk. + Disc

N 39° 46' 40" W

Fd. Hub 8" Deep. = P.O.T.
Set 3/4" X 18" Galv. Iron Pipe
Ld + Disc.
Level with Top Paving.
10-5-51
C.B.W.

E.C.

Turned
Δ = 85° 54' 10"
Δ = 85° 54' 10"
ER = 300

B.C.

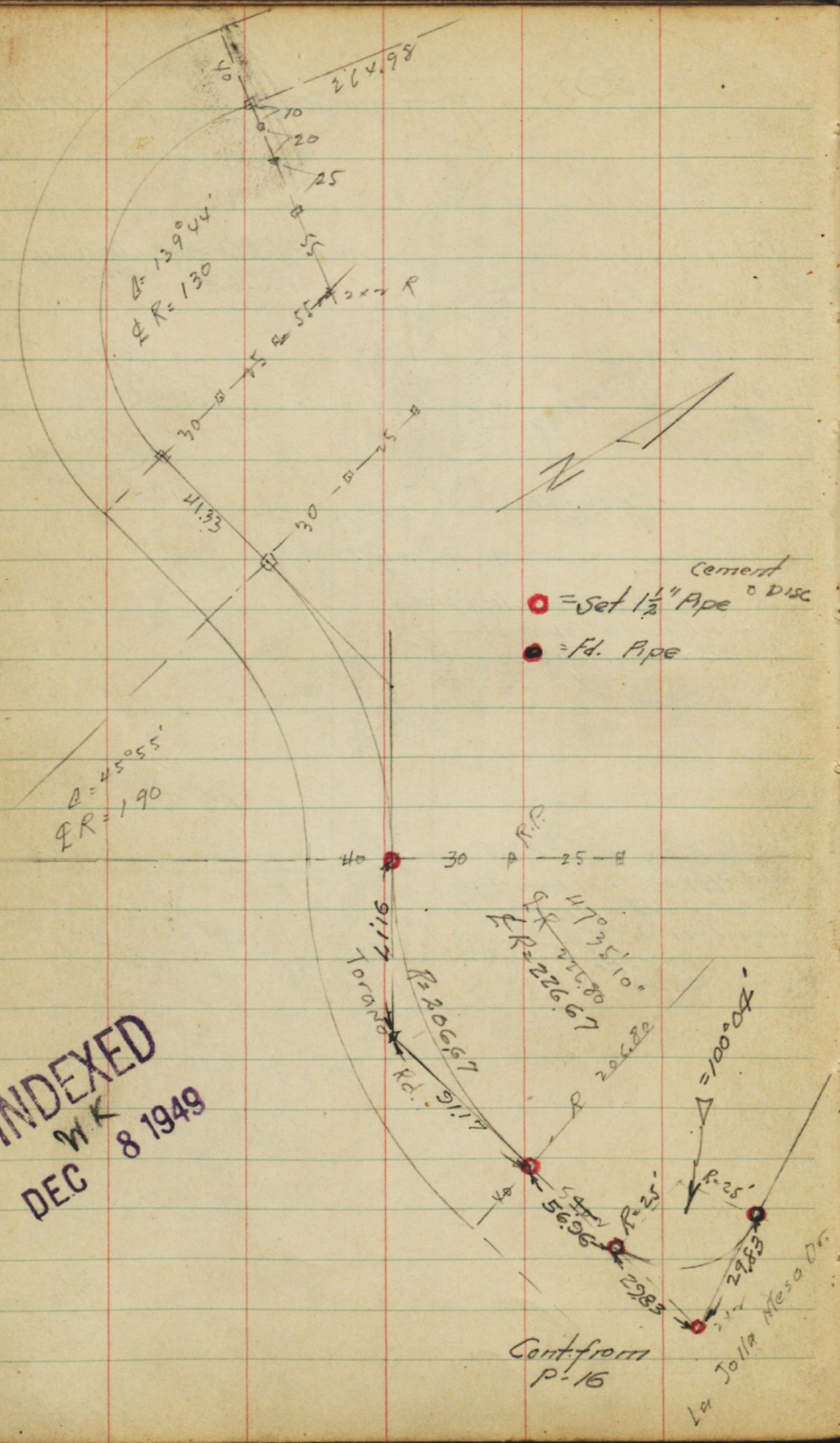
0.14

302.30
302.44

305.92

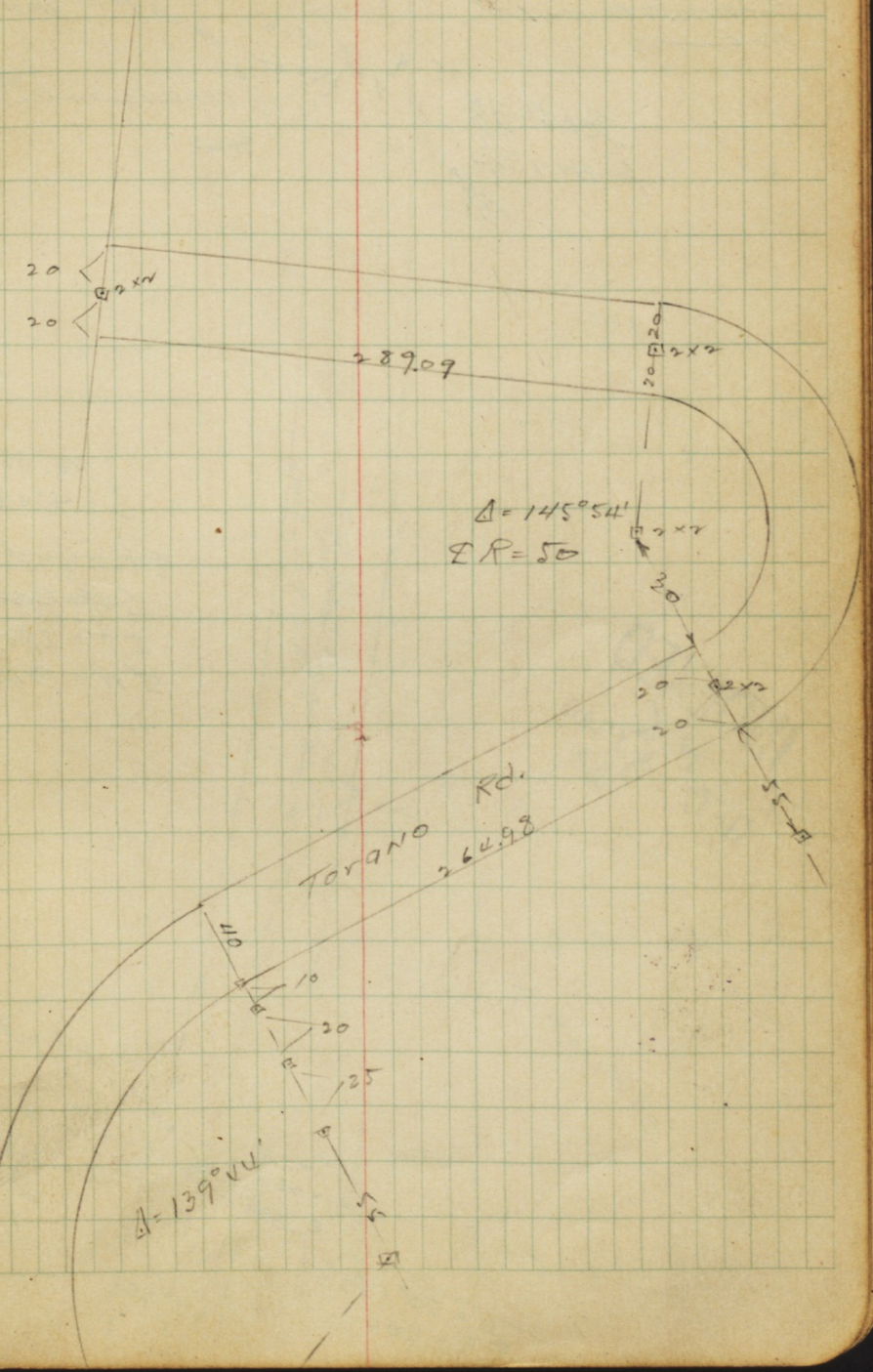
Cont. from
Lt. Page

Plotted on Tie Sheets
C.S.K.

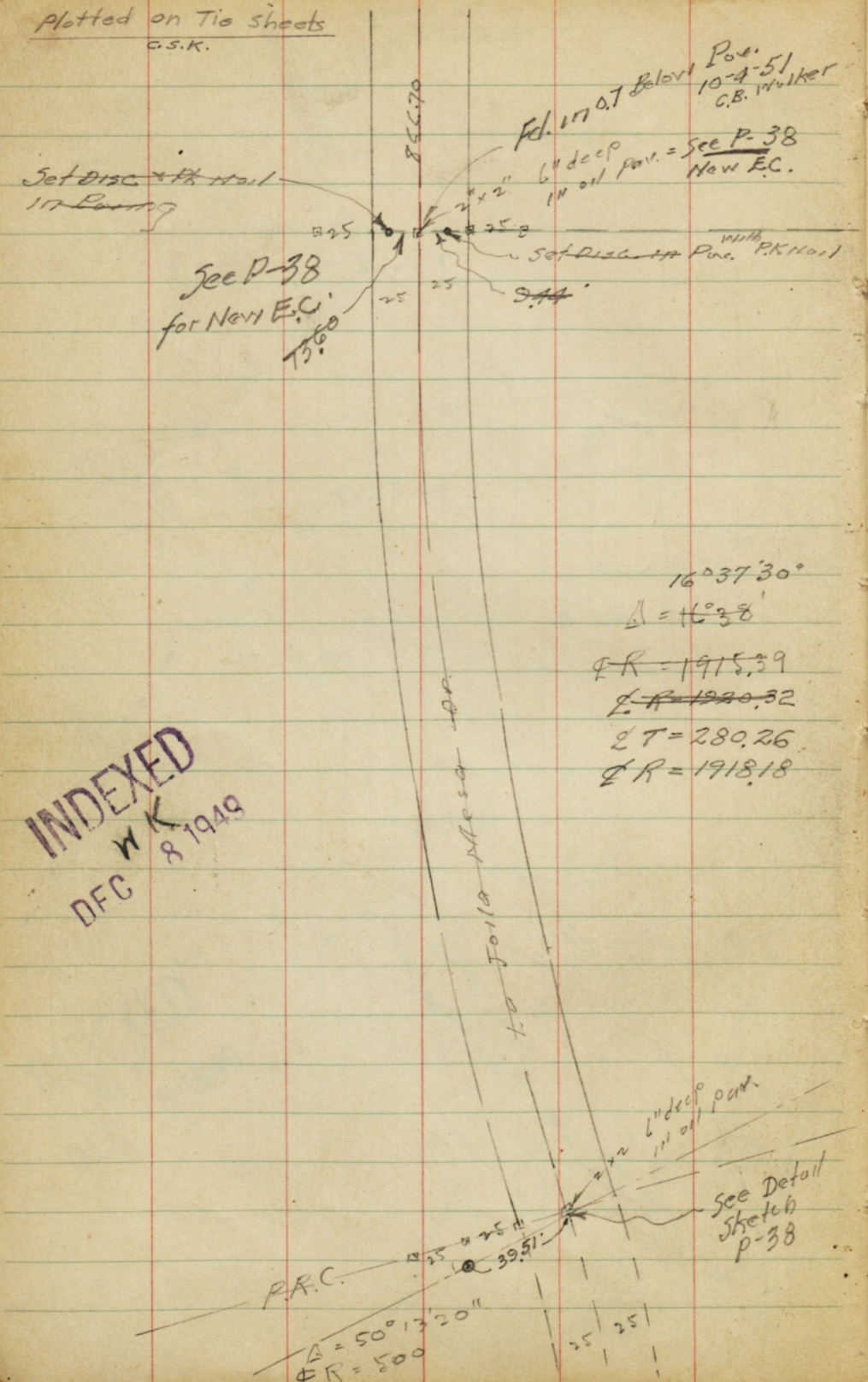


INDEXED
W.K.
DEC 8 1949

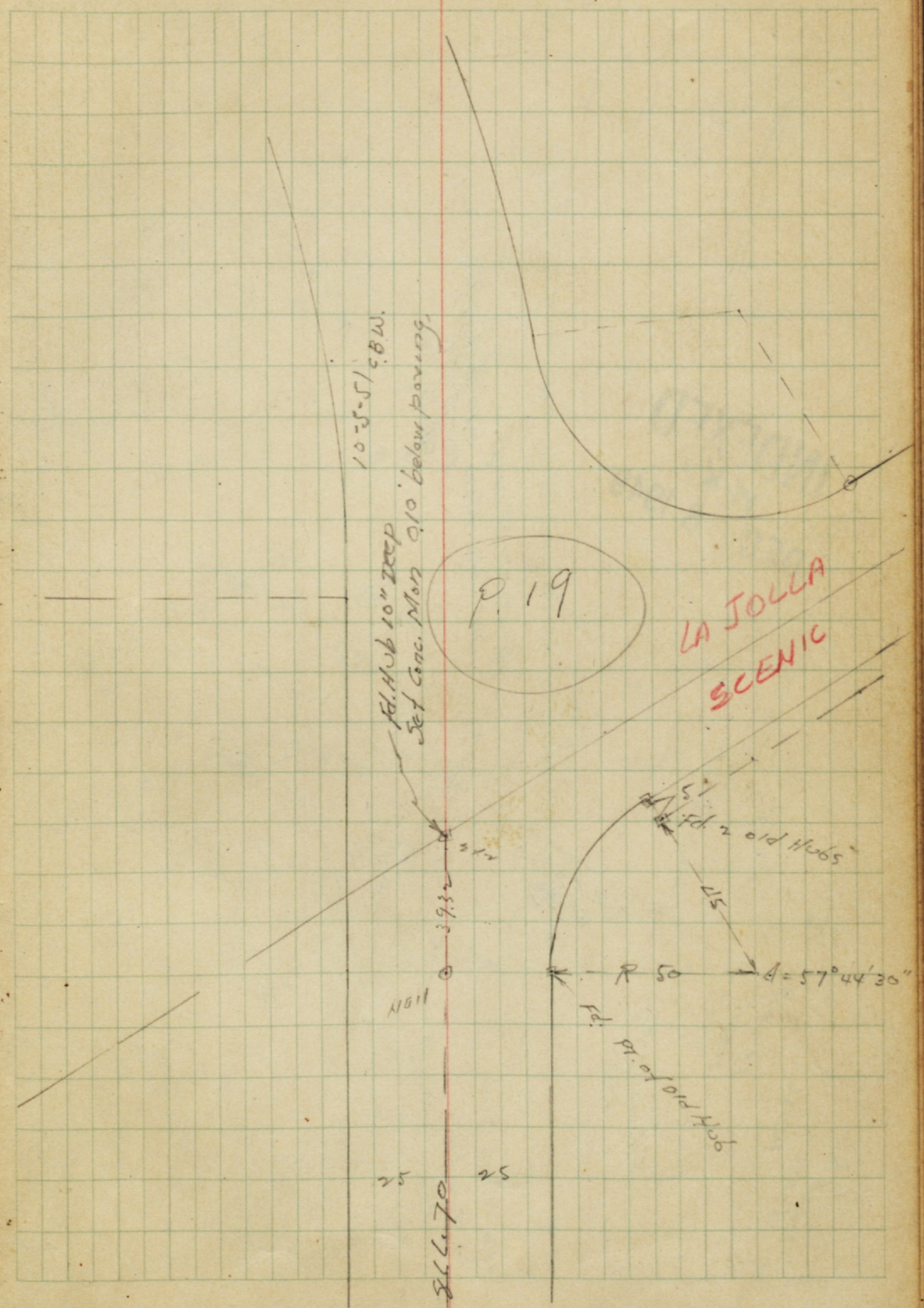
Cont. from P-16



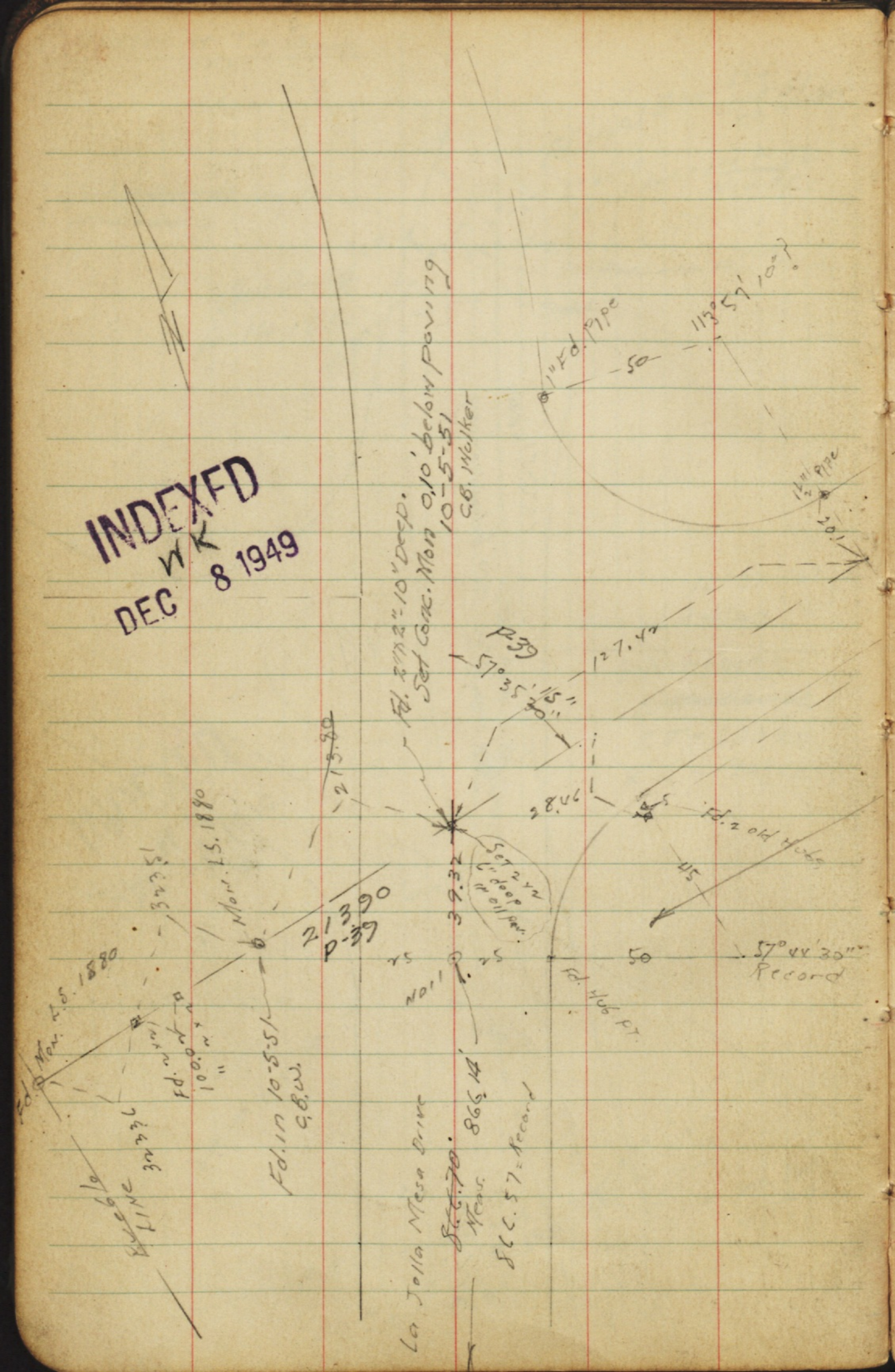
Plotted on Tie sheets
C.S.K.



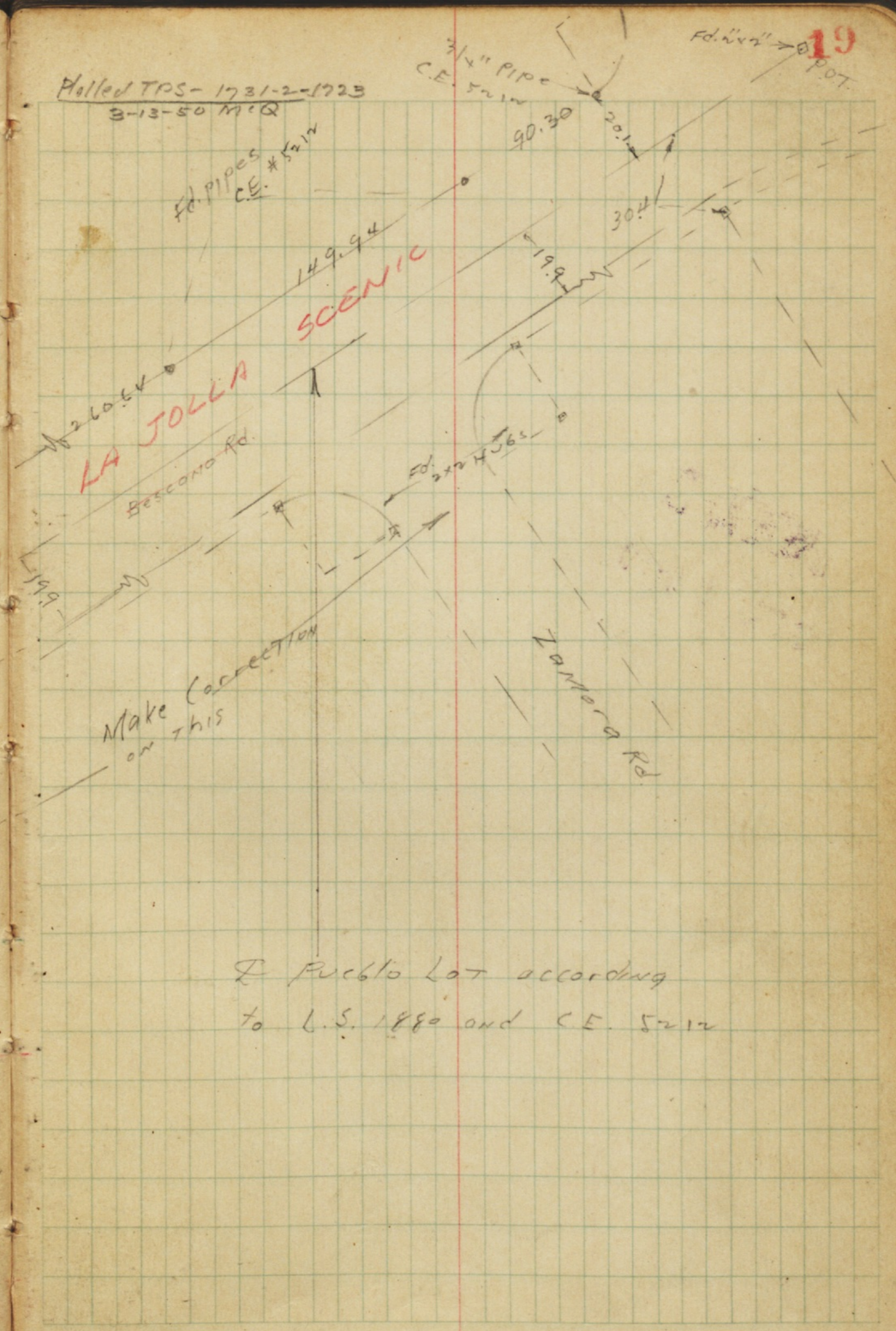
INDEXED
W K
DFC 8 1949



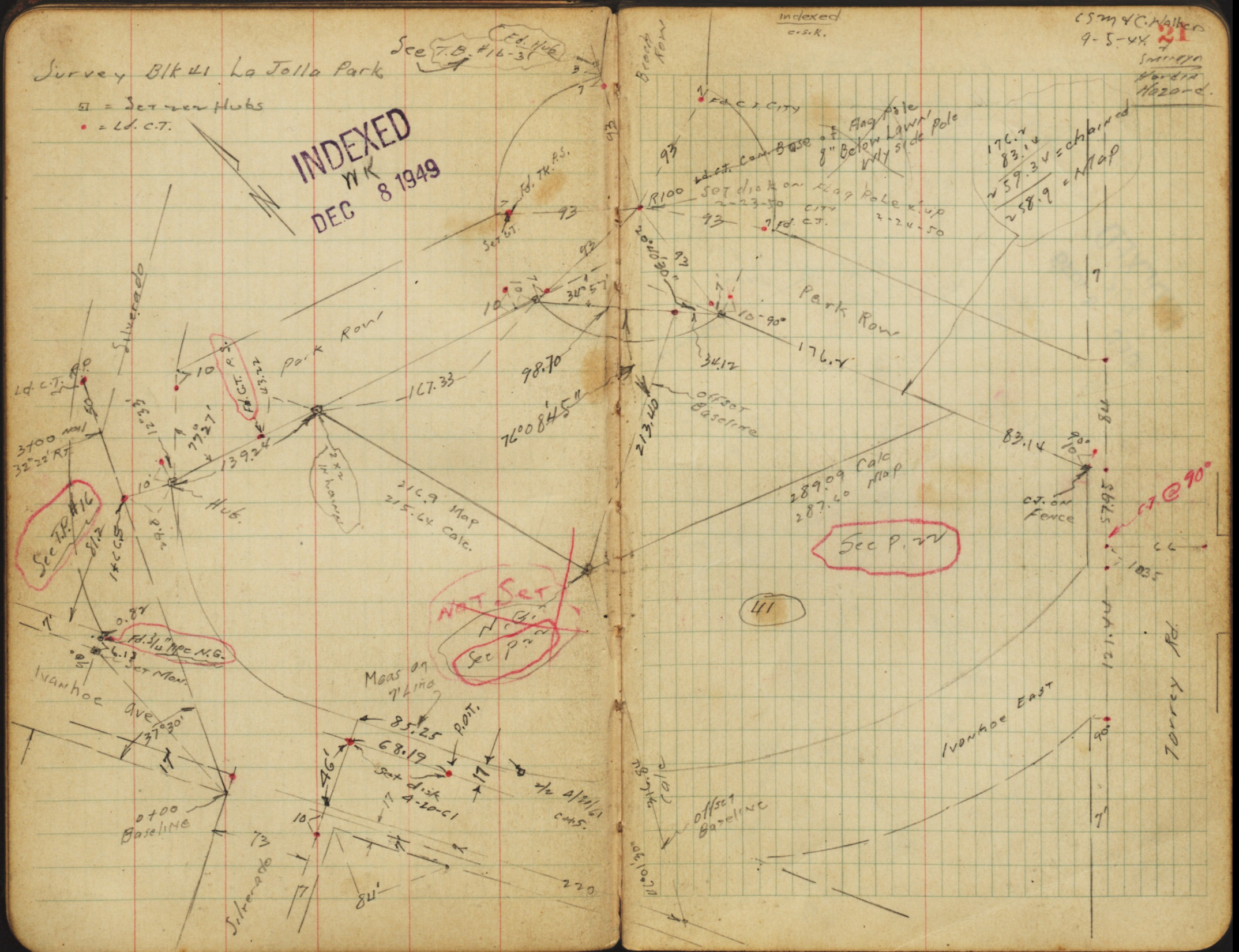
INDEXED
WK
DEC 8 1949



Plotted TPS - 1731-2-1723
3-13-50 McQ



Pueblo Lot according to L.S. 1880 and C.E. 5212

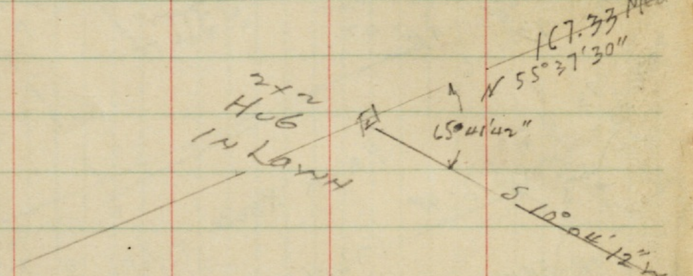


Survey Blk 41 La Jolla Park
= Set 2 Hubs
= Ld. C.T.
See T.B. #16-31
Fd. Hub
INDEXED
WK
DEC 8 1949
Indexed
C.S.K.
CSM & C. Walker
9-5-44
21
Smirnyn
Hardin
Hazard
Fd. C.T. City
Fd. TK. P.S.
Set C.T.
R100
Ld. C.T. Con. Base of Flag Pole
8" Below Lawn Wly side Pole
Set disk on Flag Pole & up
2-23-50
City
2-24-50
Fd. C.T.
176.2
83.14
259.34 = chained
258.9 = Map
Park Row
Silverado
Ld. C.T. R.P.
3400 Nail
32°22' RT
Fd. C.T. P.S.
43.22
167.33
98.70
76°08'45"
213.40
34°57'
34.12
10-90°
176.2
Offset Baseline
83.14
90°
C.T. on Fence
C.T. @ 90°
57.95
1035
121.44
Torrey Rd.
289.09 Calc
287.60 Map
See P. 22
41
216.9 Map
215.64 Calc.
Hub.
See T.P. #16
Not Set
See P. 22
Fd. 3/4" Pipe N.G.
Set Mon.
Ivanhoe Ave
37°30'
Meas on 7' Line
85.25
68.19
P.O.T.
Set disk 4-20-61
2/2 4/20/61 C.M.S.
0+00 Baseline
Silverado
84'
220
Ivanhoe East
Offset Baseline

Ties Blk 41 L.J. Pk.

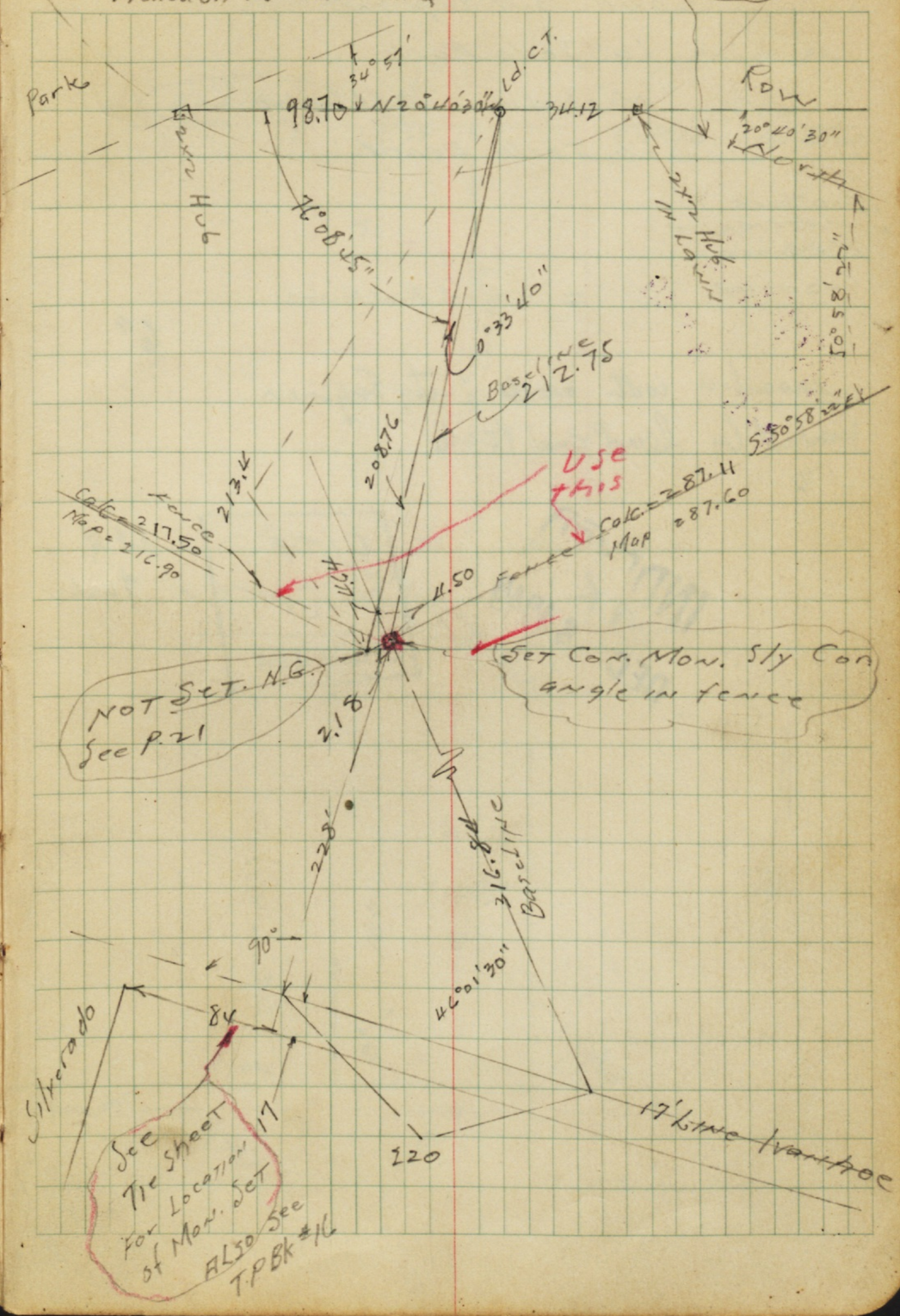
Cont'd from p. 21

INDEXED
DEC 8 1949



Bearings Assumed for Calc. 22

Plotted on T.P. Sheet - MQ

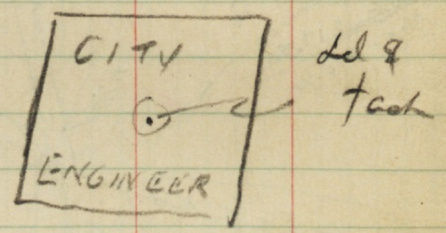


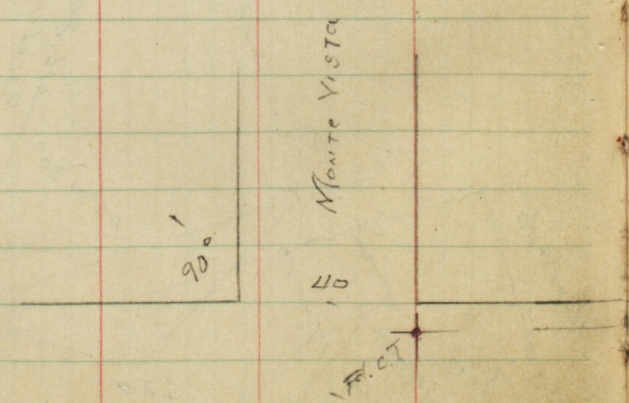
Land Survey in
La Jolla Park
Nicholson's Add. and
La Jolla Beach

C. Moore
Sommermeyer
W. Moore
11-20-44.

• = Ld. C.T.
⊡ = 2x2 R.W. Hubs
⊡ = Set Con. Mon. 6"
inscribed with words "City Engineer"
marked by lead and tack

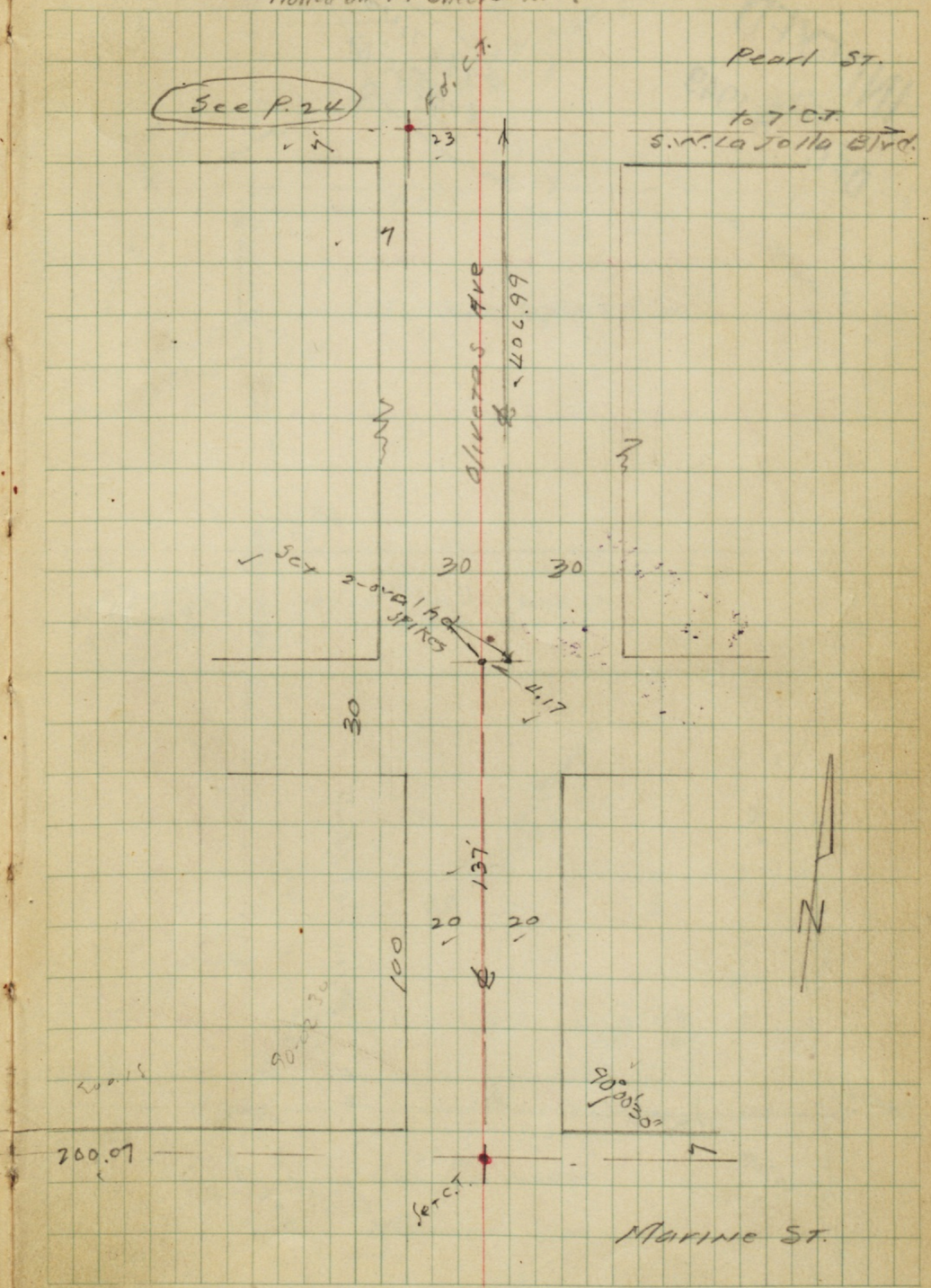
INDEXED
W
DEC 8 1949





Indexed
C.S.K.

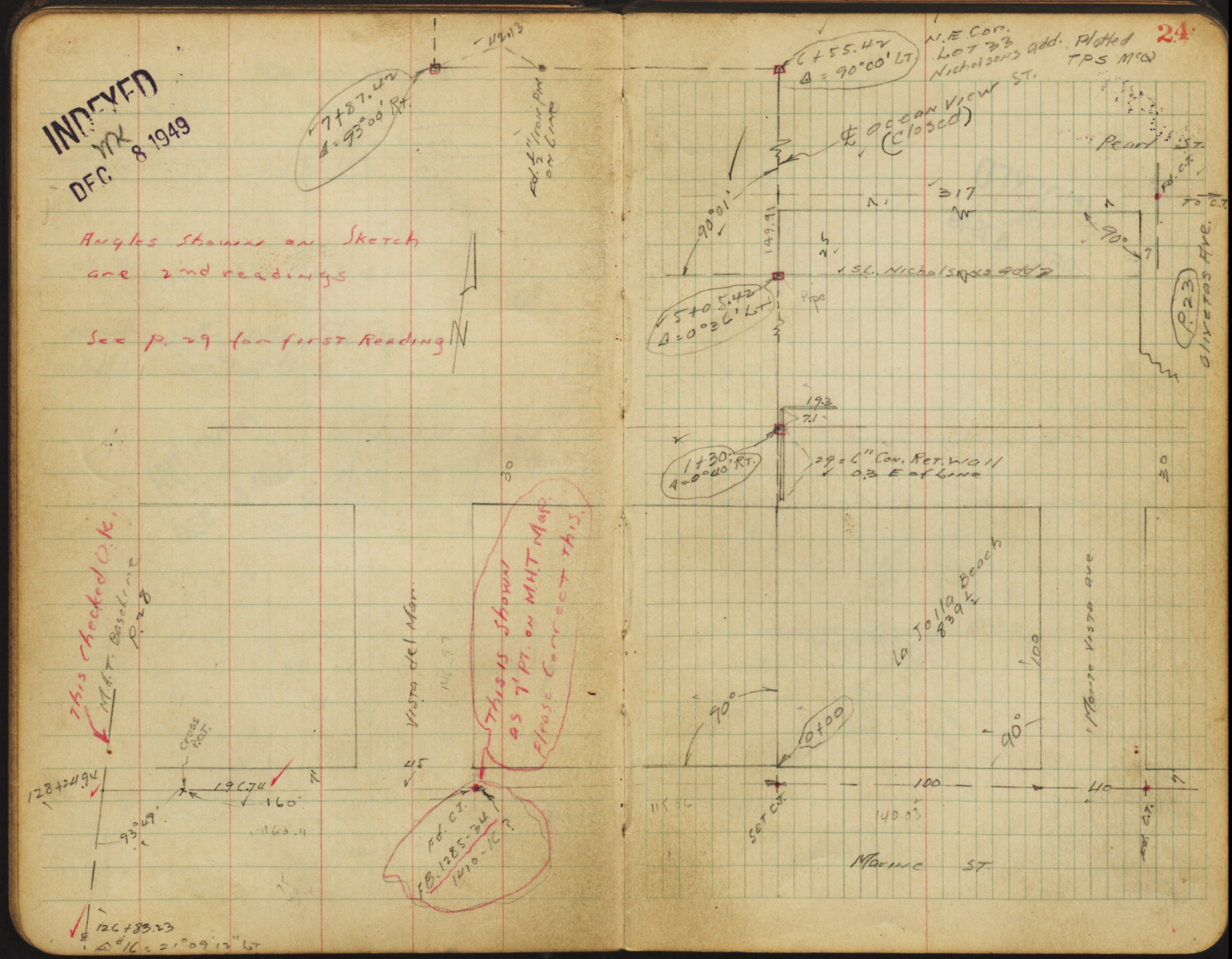
Plotted on T.P. Sheets - M'Q



INDEXED
MK
DEC 8 1949

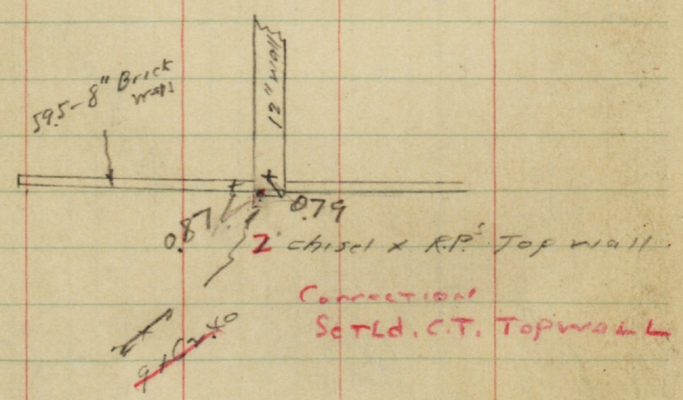
Angles Shown on Sketch are 2nd readings

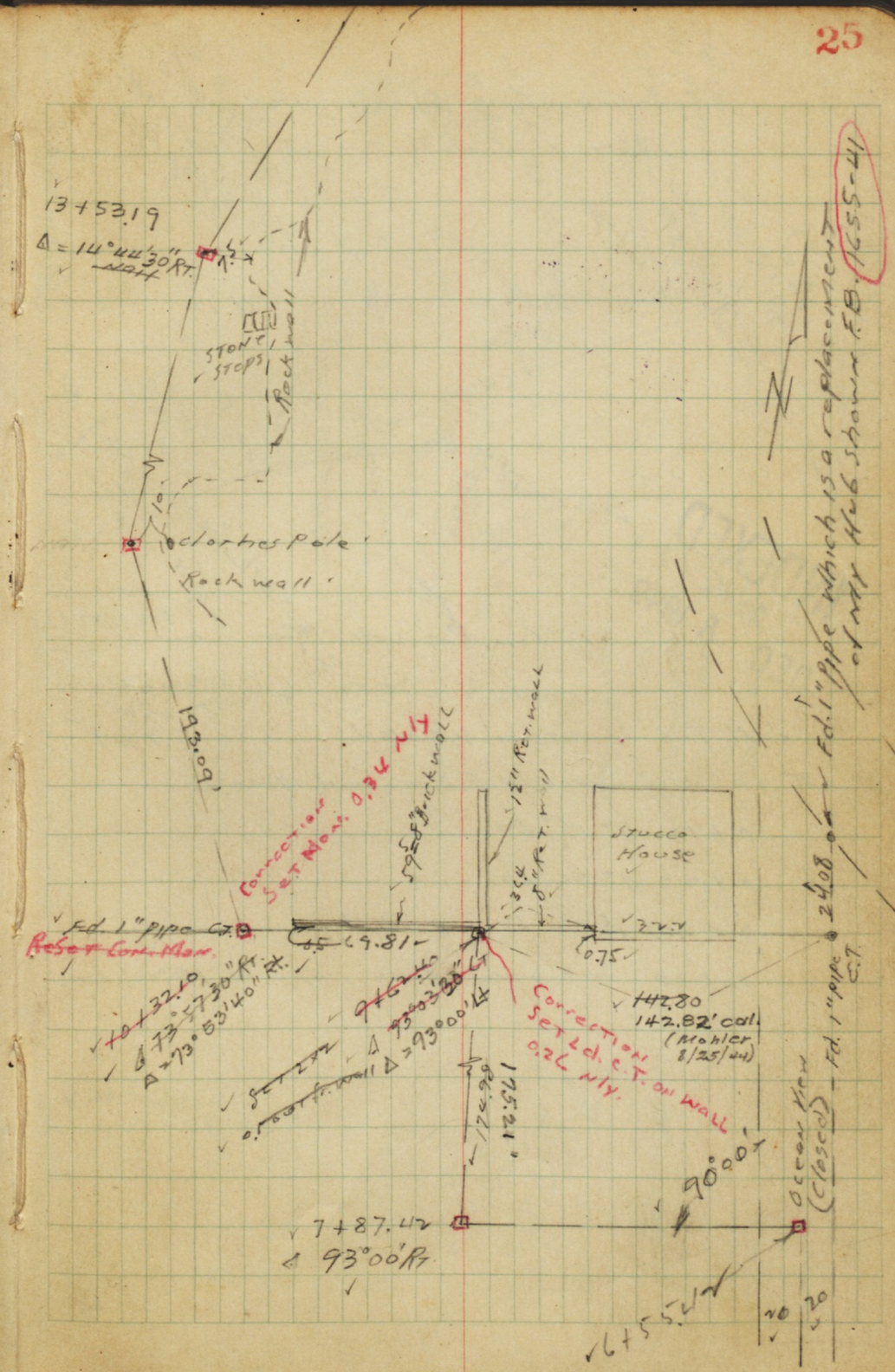
See p. 29 for first Reading



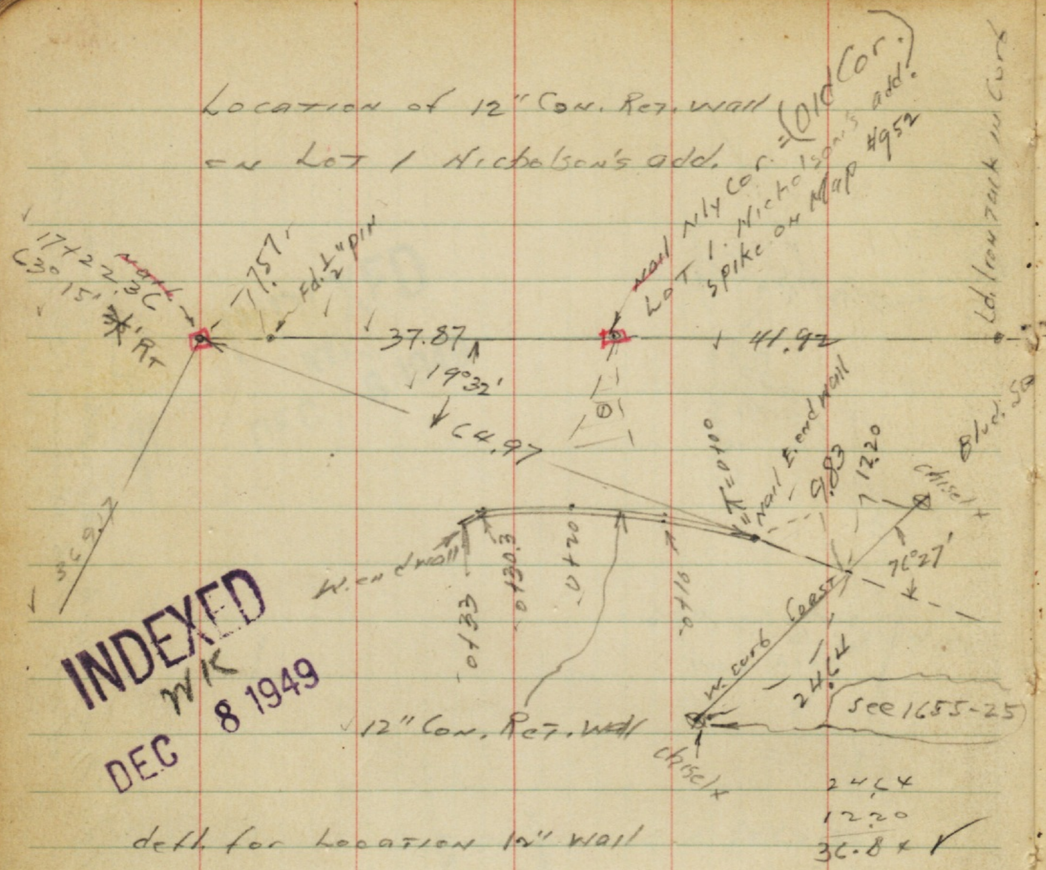
INDEXED
MK
DEC 8 1949

Sketch for X tie outs for Δ ~~9+62.40~~





Location of 12" Con. Ret. wall
on Lot 1 Nicholson's add.



INDEXED
WK
DEC 8 1949

defl. for Location 12" wall

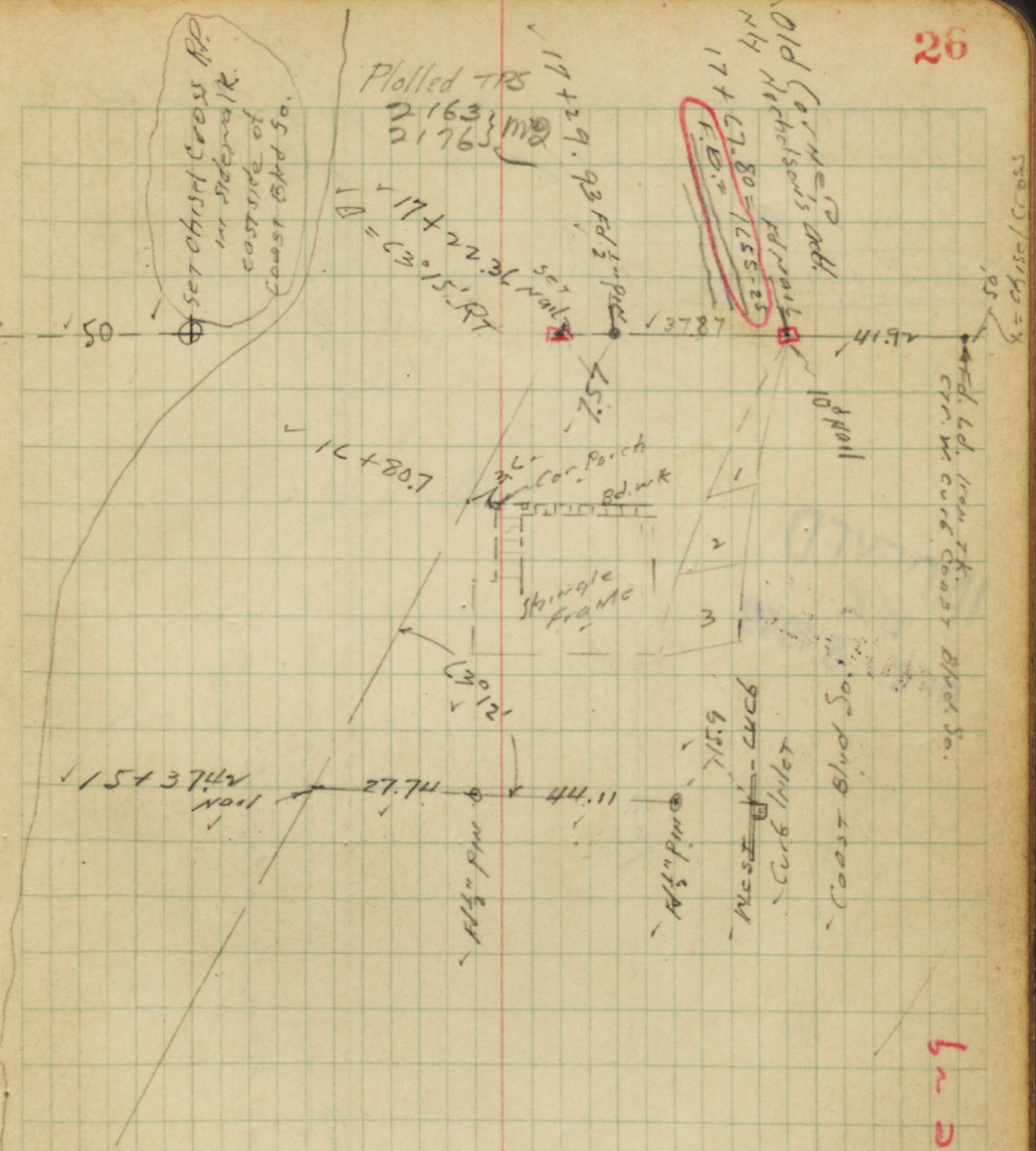
π on nail = 0+00, F.S. on nail 17+22.36

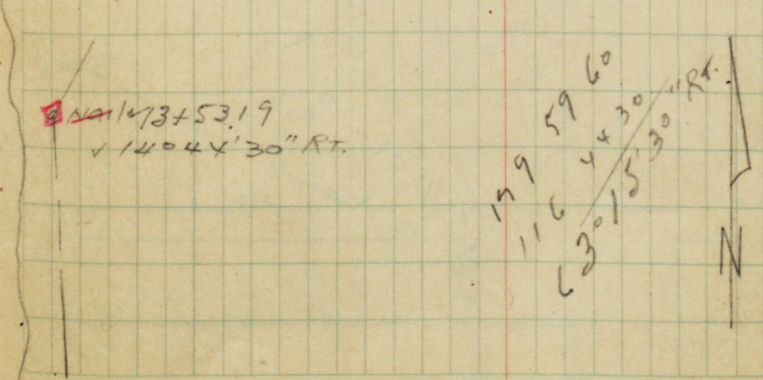
0+10 9°15' Lt.

✓ 0+20 11°56' Lt.

0+30.3 15°23' Lt. = Δ in wall

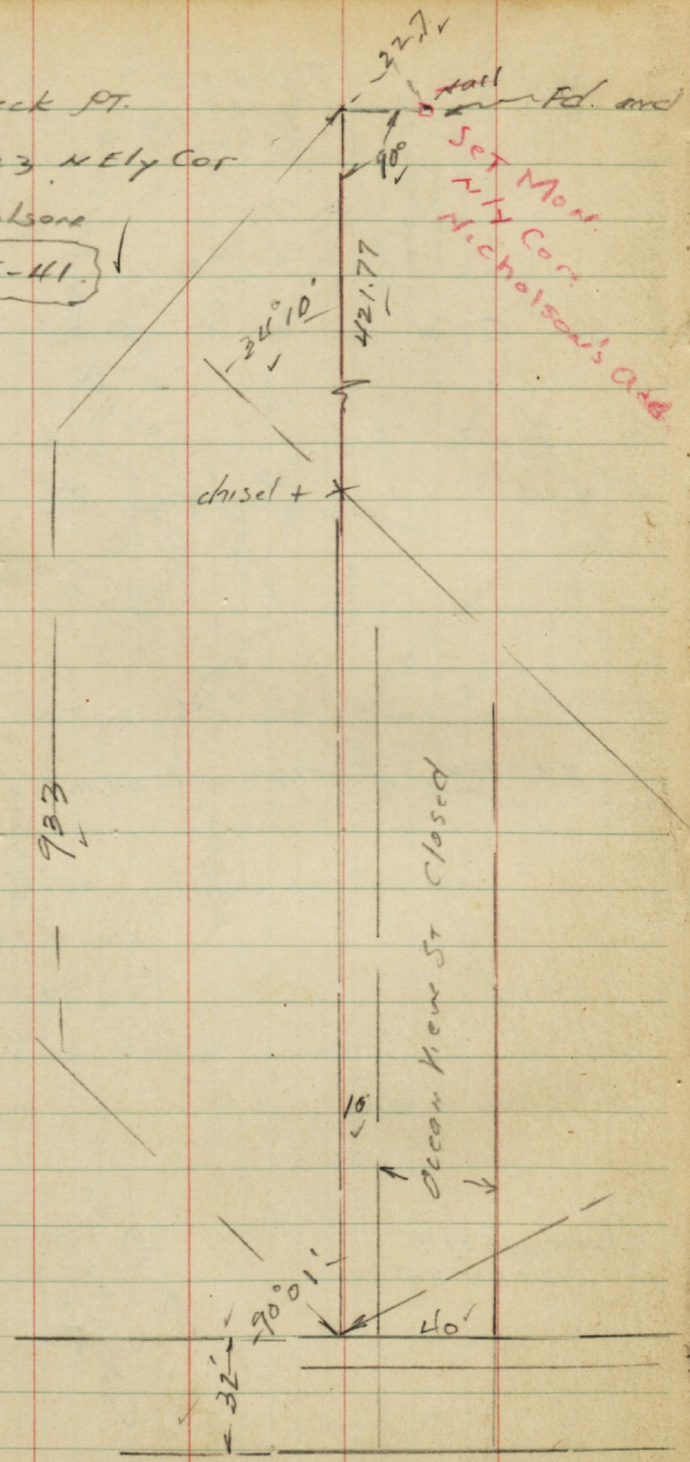
0+33 — under Vine, approx 19°00' Lt.





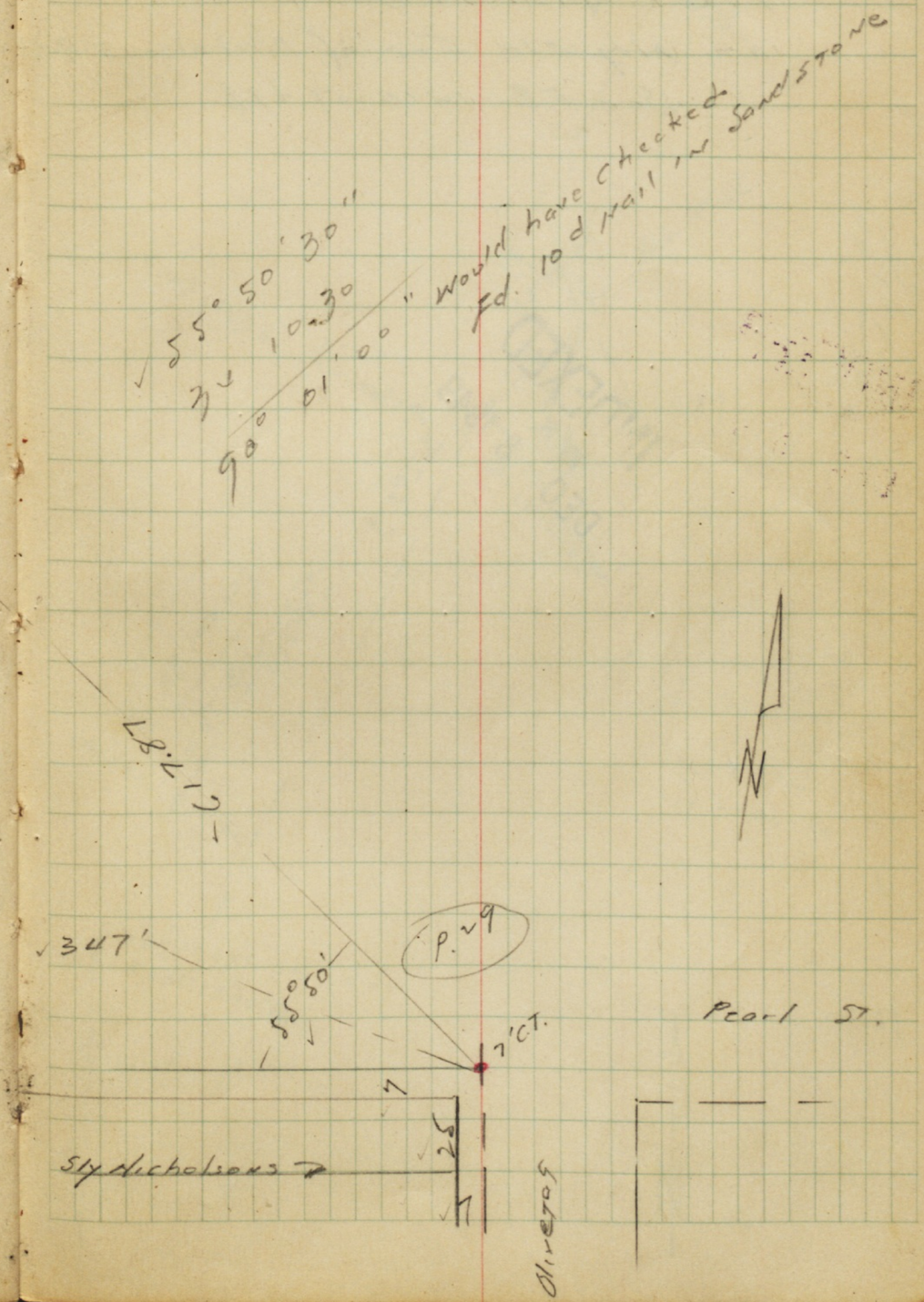
Angles Contd. See ~9

Survey to check Pt.
Set 4-27-43 NEly Cor
Lot 1 Nicholsons
See 1655-25-41



INDEXED
WK
DEC 8 1949

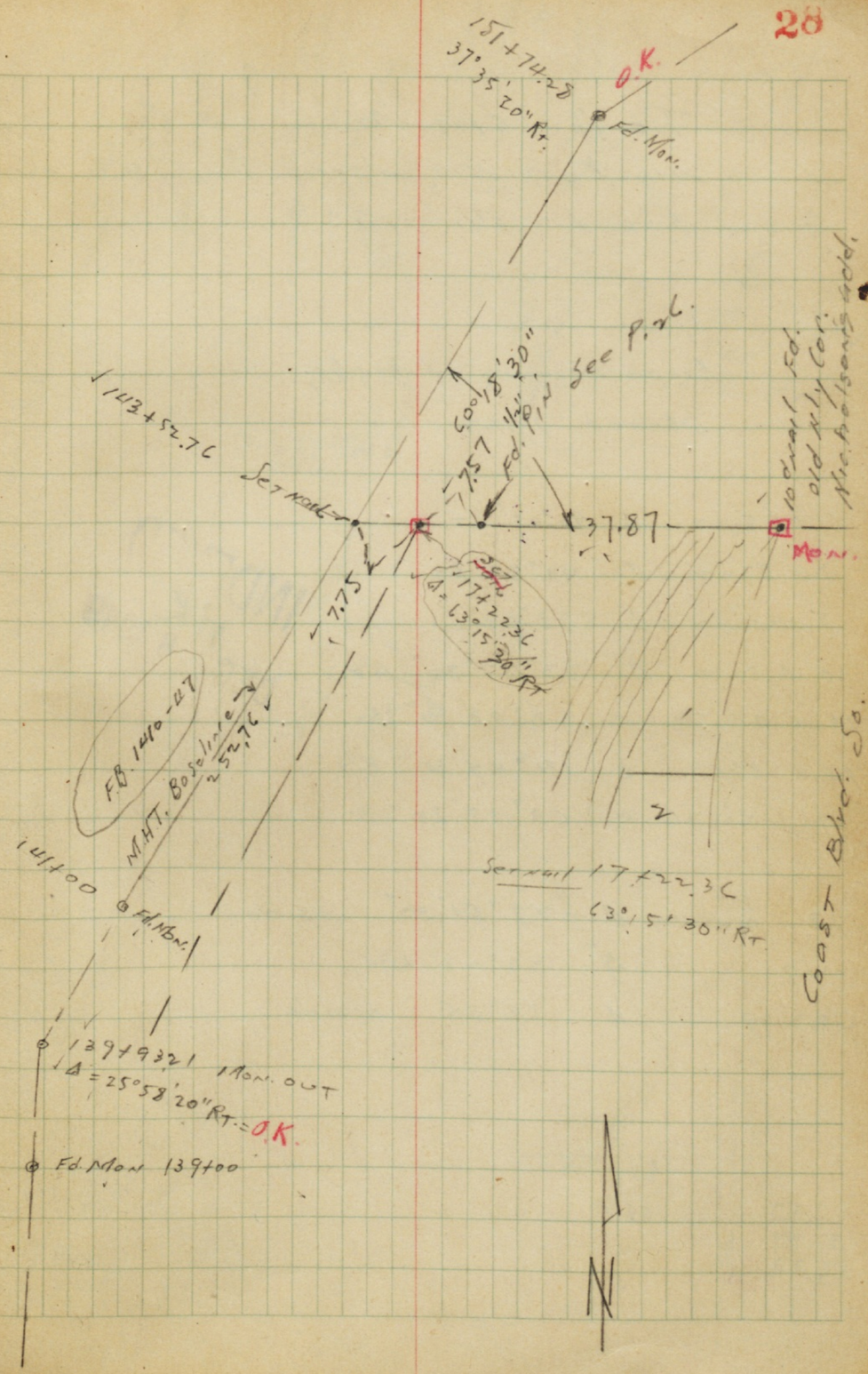
Fd. and checked 0.10 by Meas. 0°00'45"



Tie To M.H.T. Baseline
at Nly old Cor. of Nicholsons add
See F.B. 1410-17 + 18

INDEXED
WK
DEC 8 1949

93.20



Tie for Closure
Nly Cor. Nicholsons to 1' C.T. on
Pearl & Olivetas

First reading of angles; very windy
Sketch p. 24

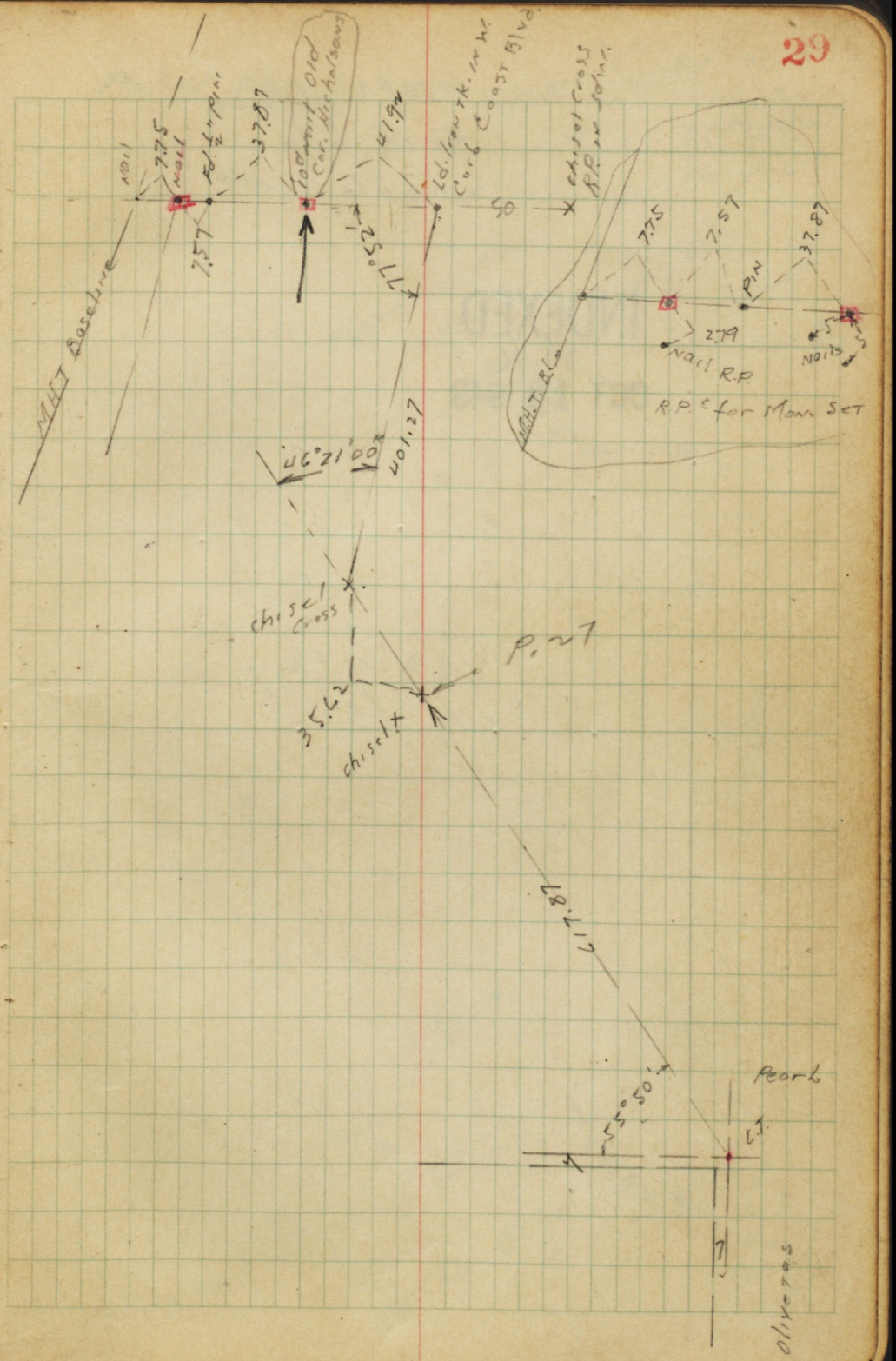
6 + 55.42 ∠ 90°01' Lt.
7 + 87.42 ∠ 92°59' Rt
9 + 62.40 ∠ 93°03' Lt
10 + 32.10 ∠ 73°57'30" Rt
12 + 25.53 ∠ 28°08'30" Rt.
13 + 53.19 ∠ 14°44'30" Rt
17 + 22.36 ∠ 63°15'30" Rt.

87.36 Next ∠ 77°51'30" inside
101.27 ∠ 46°21' Lt
153.49 ∠ 55°30' inside

41.82
45.53

7.57
37.87
45.44

INDEXED
WK
DEC 8 1949



10-14-49.

Moore
Hardin
Sherman
Sisson

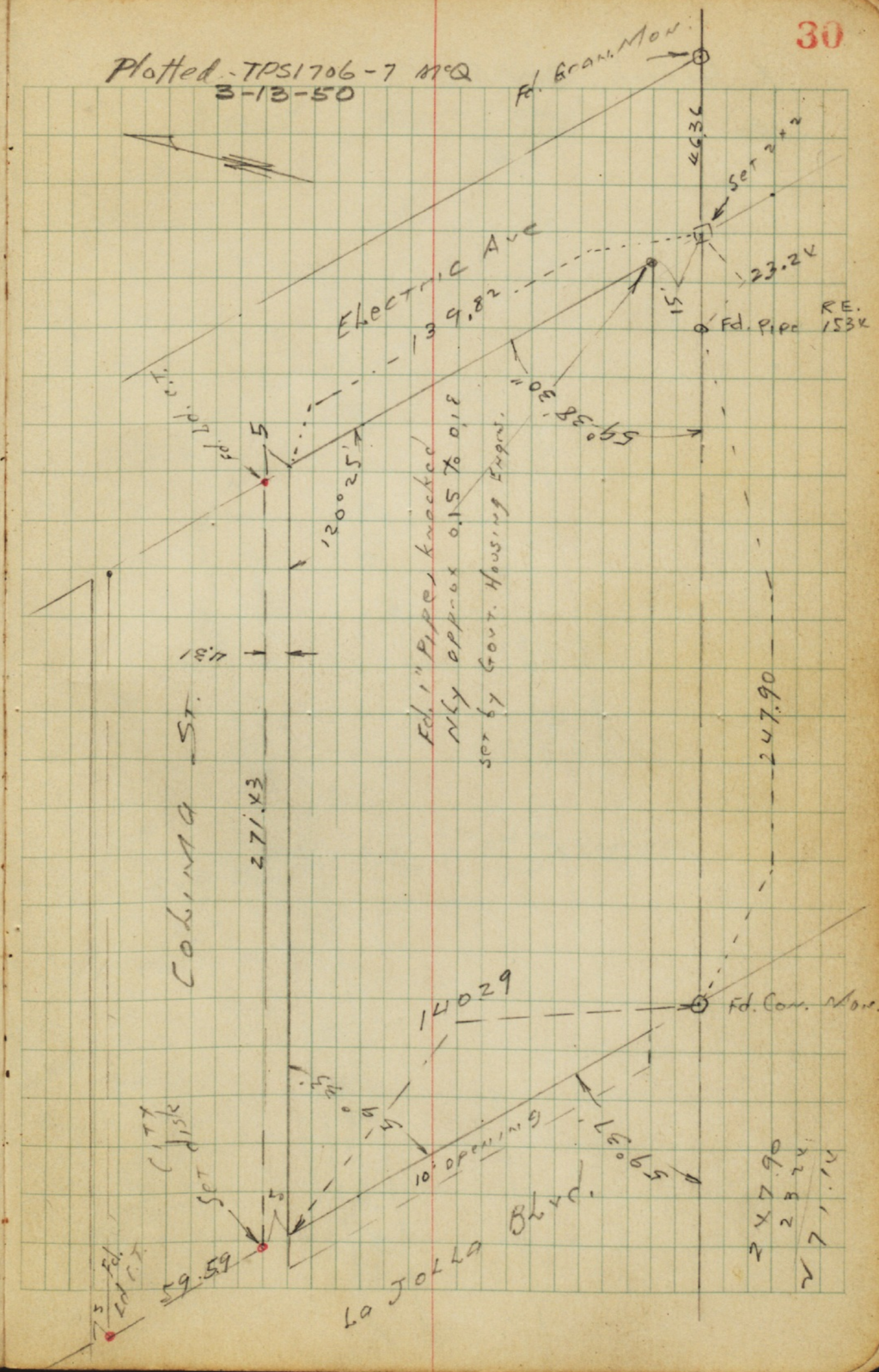
Survey BLK 33
Bird Rock Add.
W.O. 20006

INDEXED
W.K.
OCT 18 1949

139.82
15
124.82
Map 125

1.159
13.2
4318
3477
1159
15.2988

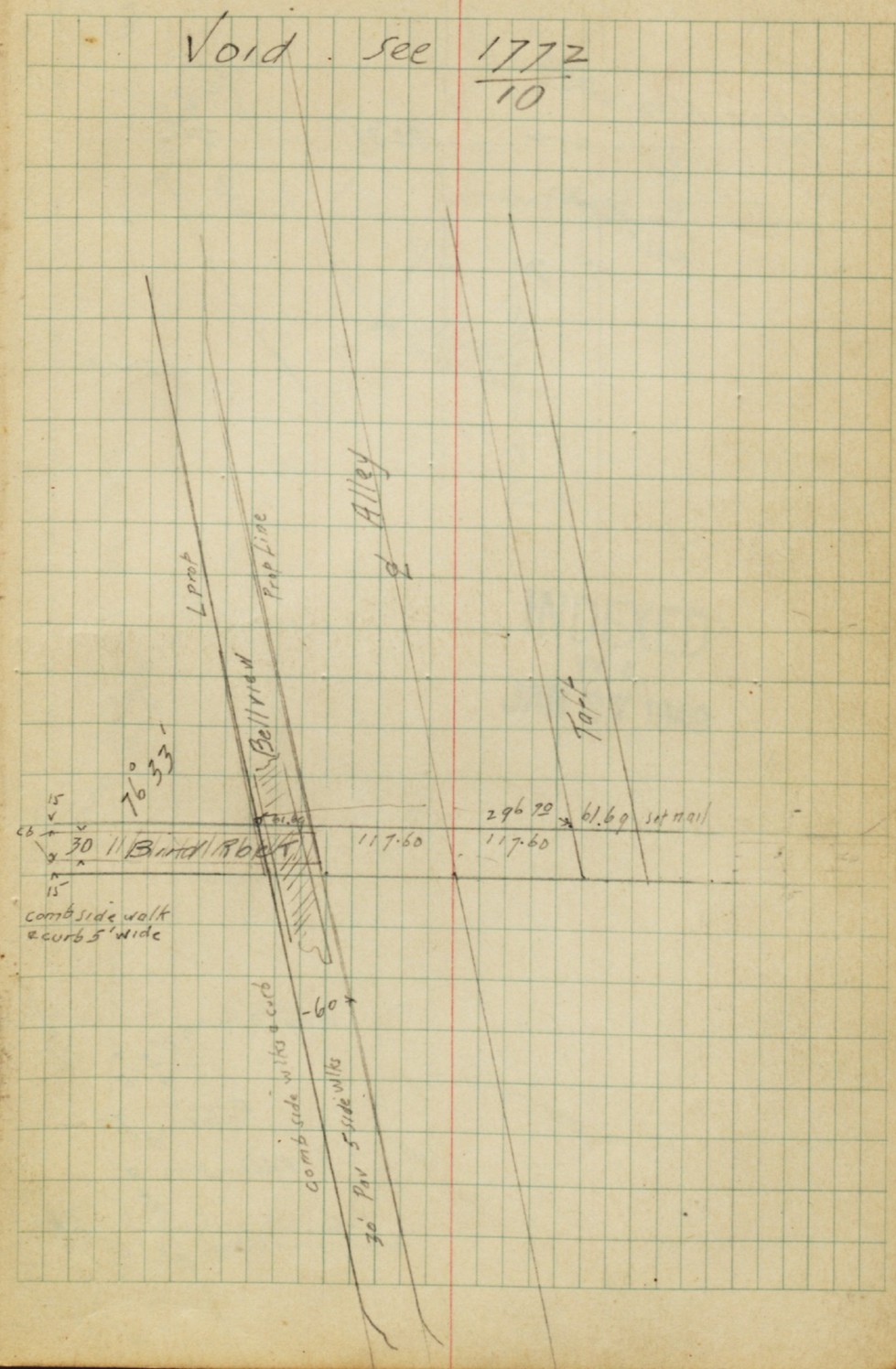
Plotted - TPS1706-7 McQ
3-13-50

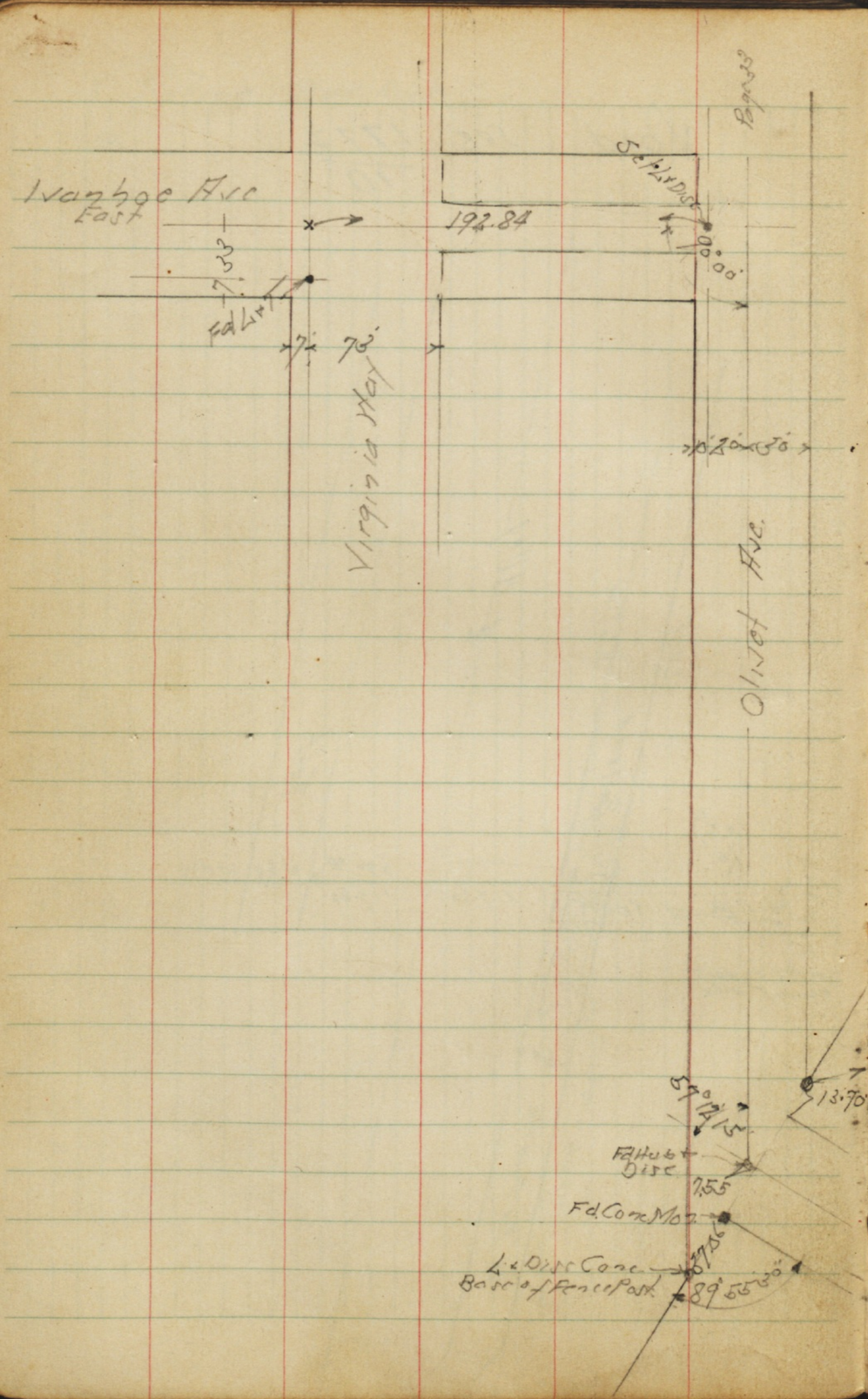


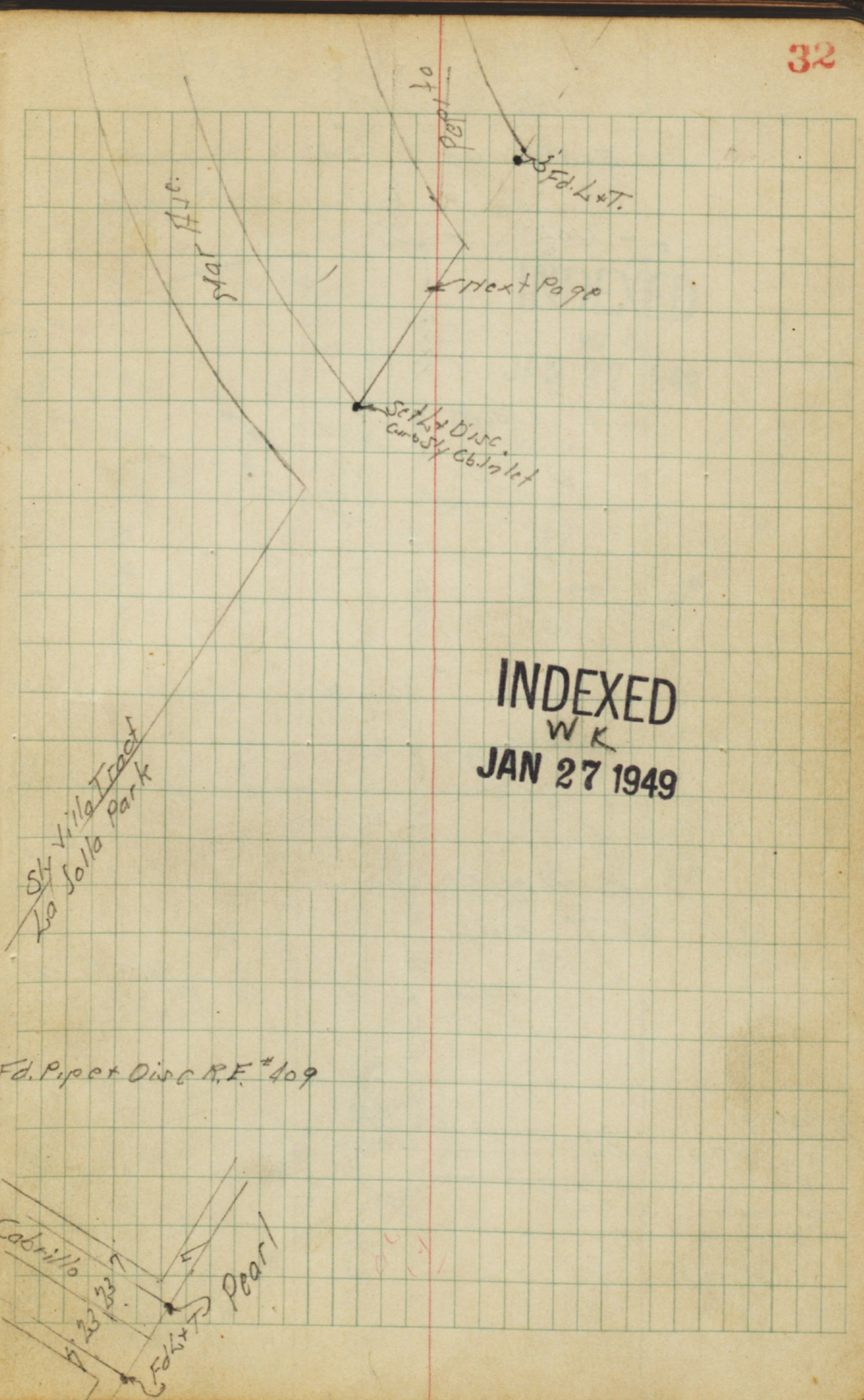
X Section Bird Rock

Be

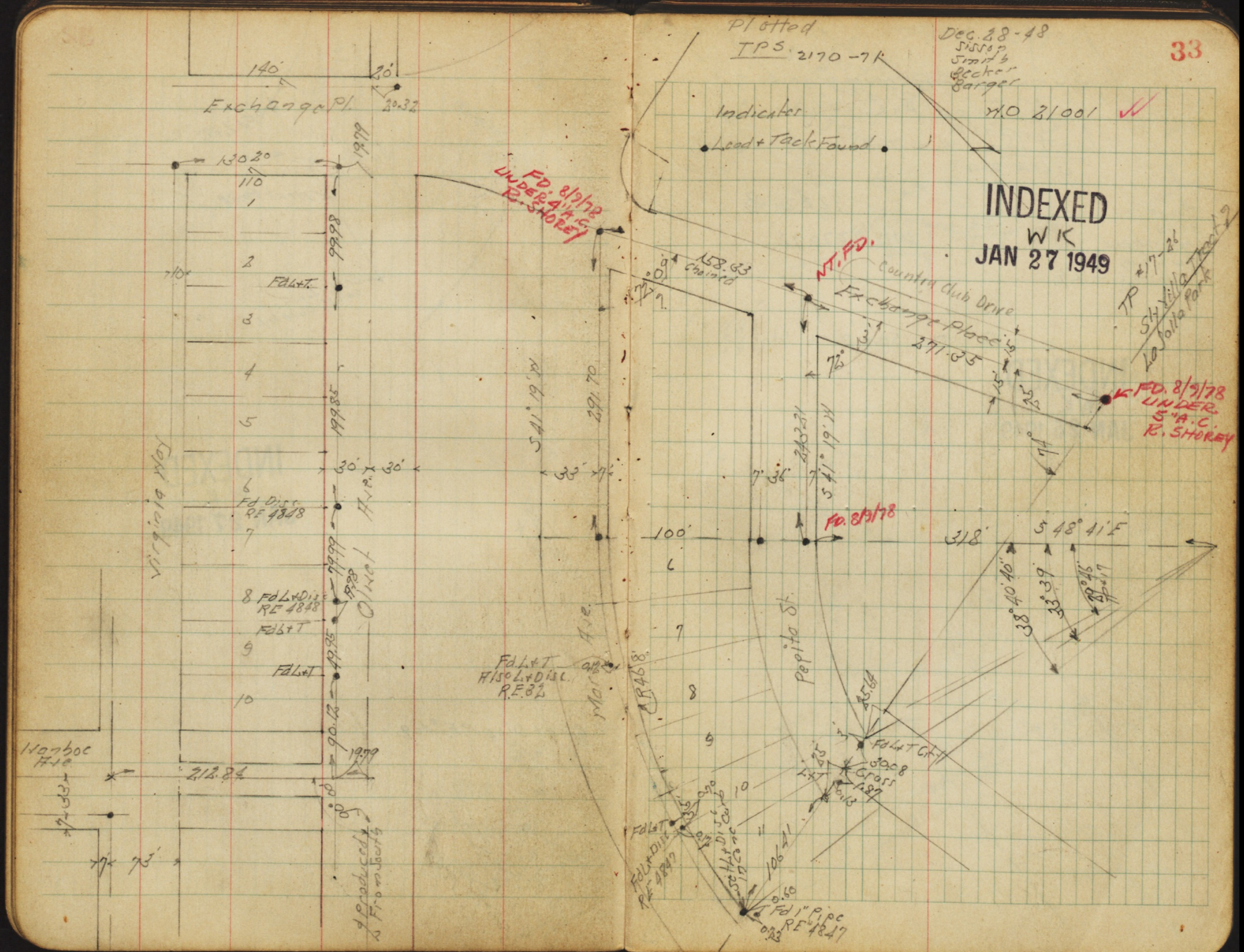
Void. See 1772/10







INDEXED
WK
JAN 27 1949


Plotted
TPS 2170-71
Dec. 28-48
Sisson
Smith
Becker
Barger
H.O. 21001
Indicator
Lead + Tack Found
INDEXED
WK
JAN 27 1949
Exchange Pl.
140'
20'
20.32
130.20
110
1
2
3
4
5
6
7
8
9
10
Fd L+T.
Fd Disc RE 4848
Fd L+Disc RE 4848
Fd L+T
Fd L+T
Virginia Way
Olivet Ave.
Hanboe Ave.
212.84
99.98
199.85
79.99
49.95
90.12
19.79
30'
30'
FD. 8/9/78 UNDER 4"A.C. R. SHOREY
158.33 Chained
NT. FD.
Country Club Drive
Exchange Place
271.35
FD. 8/9/78 UNDER 5"A.C. R. SHOREY
TP #17-26
Sly Villa Tract 2
La Jolla Park
S 41° 19' W
291.70
243.31
S 41° 19' W
100'
318'
S 48° 41' E
38° 40' 40"
33° 39'
Pepita St.
Marie Ave.
Fd L+T Also L+Disc. R.E. 32
Fd L+T Cr.
Cross
Fd L+T
Fd L+Disc RE 4847
Fd 1" Pipe RE 4847
106.41
Produced From South

to Ld. C.T.

Survey opening of
Chelsea Ave. Thru
Lot 15 La Jolla Hermosa
Blk 2a

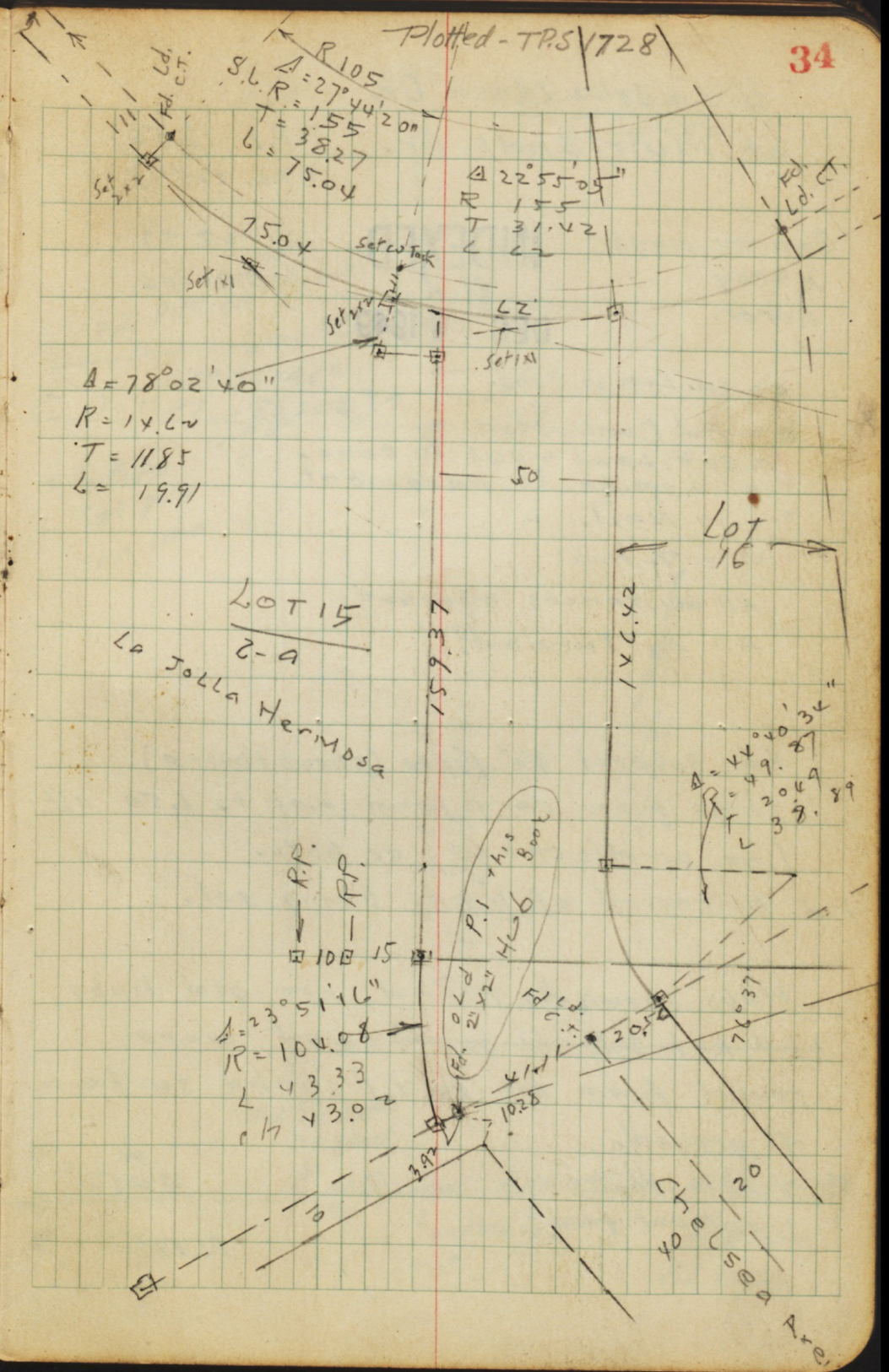
Moore
Begg
Sherman
Burch
1 — 21 — x9.

3282-B

W.D. 27098

Set 2x2 Hubs

INDEXED
WK
JAN 25 1949



La Jolla Mesa Dr.
at Muirlands Dr. (P.L. 1256)
(P.L. 1257)

Sommermeyer
McCoy
Rorer.

INDEXED
W.K.
DEC 6 1949

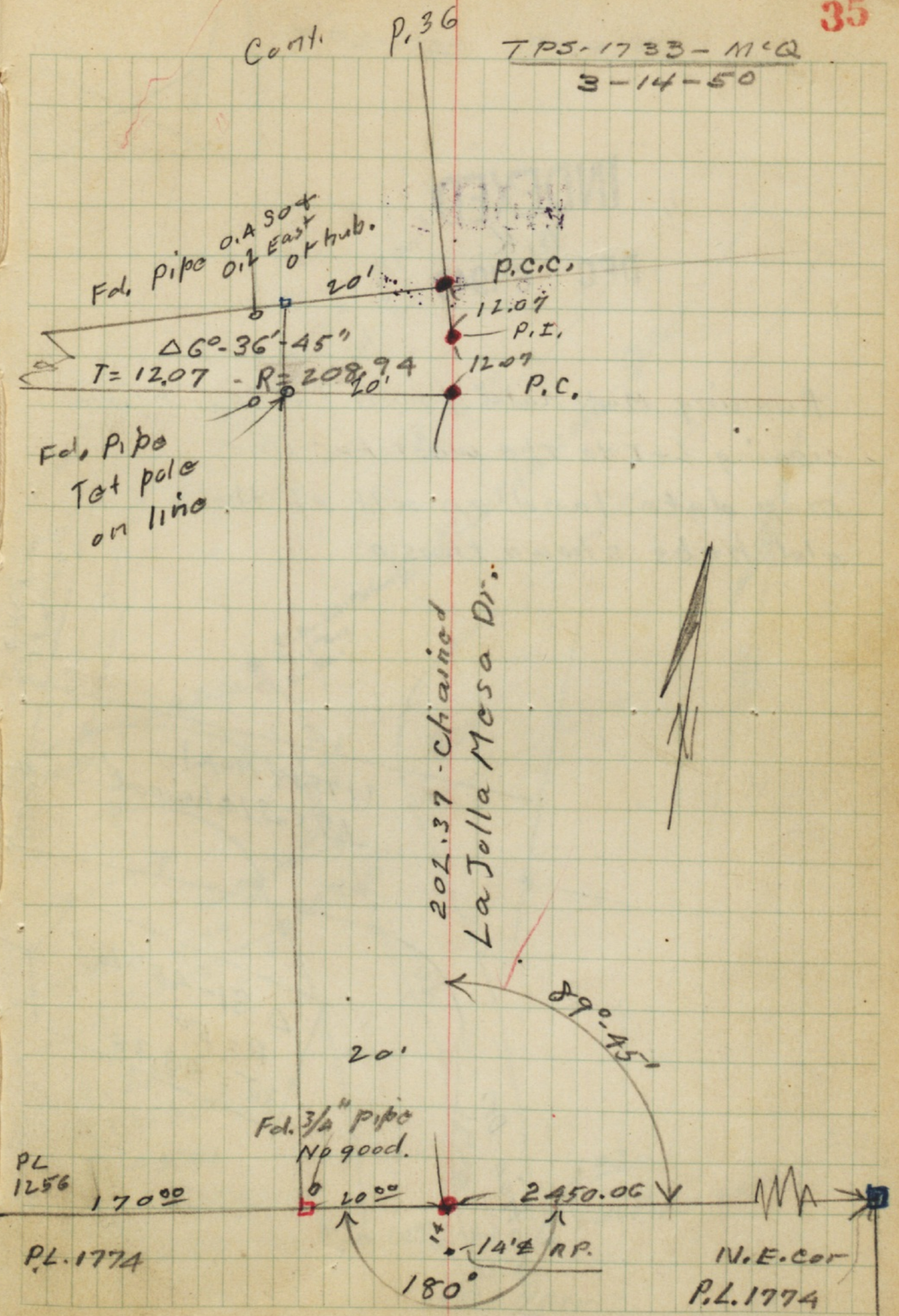
11-29-49
W.O. 20006

• = Fd. L.&T. in Conc.
■ = Fd Conc. Mon.
◉ = Set, Lead & Disk in conc.
• = " spike in pavement
• = " Nail. " "
□ = " ½ hub

All distances chained
All Δs Turned.

Fd. Several 3/4" pipes (shown thus - o)
these pipes vary from 0.05 to 1.50 off
line or distance, or both.
Fd. No record of pipes being set.

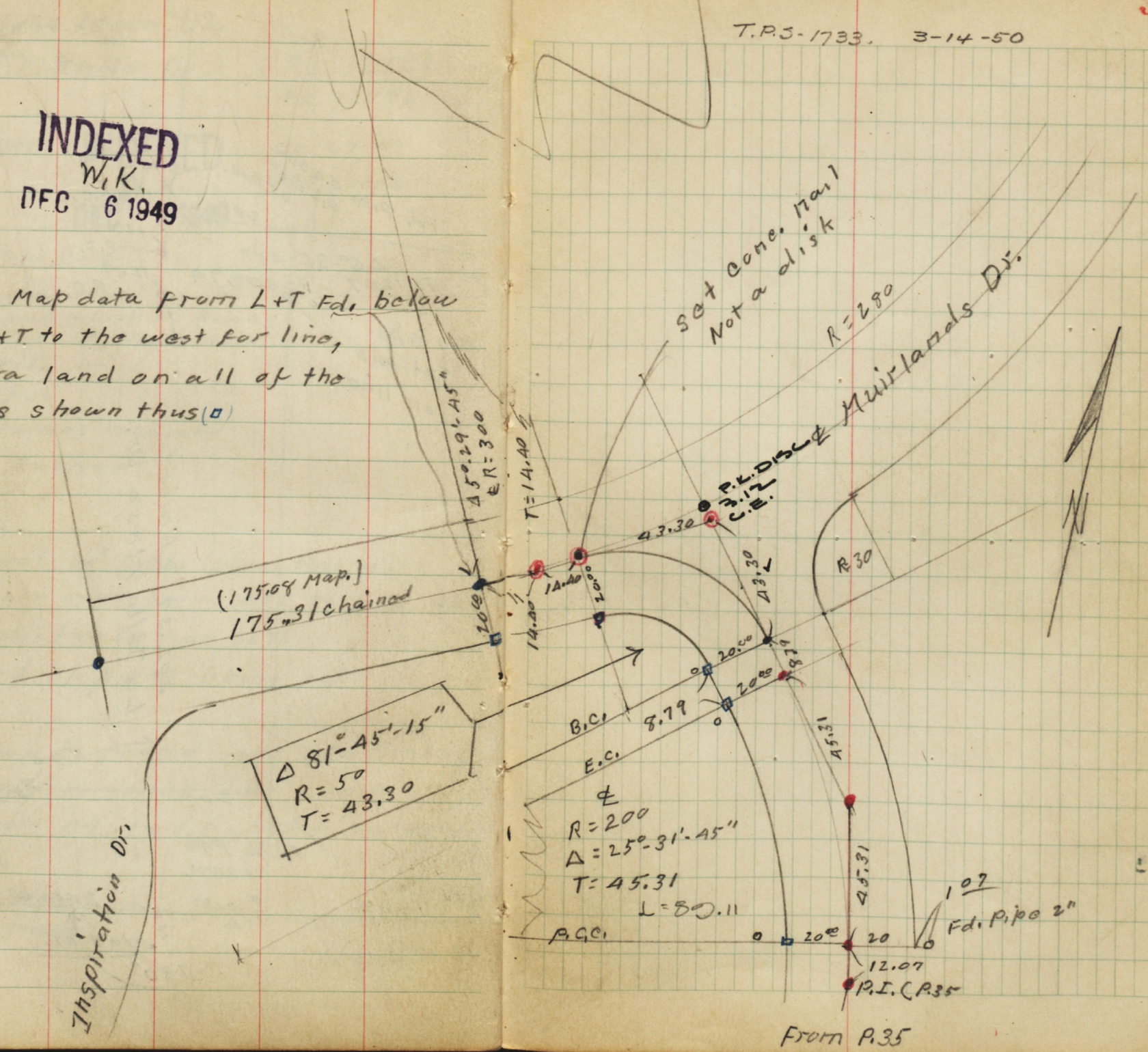
Hubs shown as found are old hubs,
~~(all but 3 tacks gone)~~ and were
found from 0.1' to 1.1' below surface
of ground.
3 with tacks
3 without tacks.



T.P.S-1733. 3-14-50

INDEXED
W.K.
DEC 6 1949

Running Map data from L+T Fd. below
useing L+T to the west for line,
map data land on all of the
old hubs shown thus (□)



From P.35

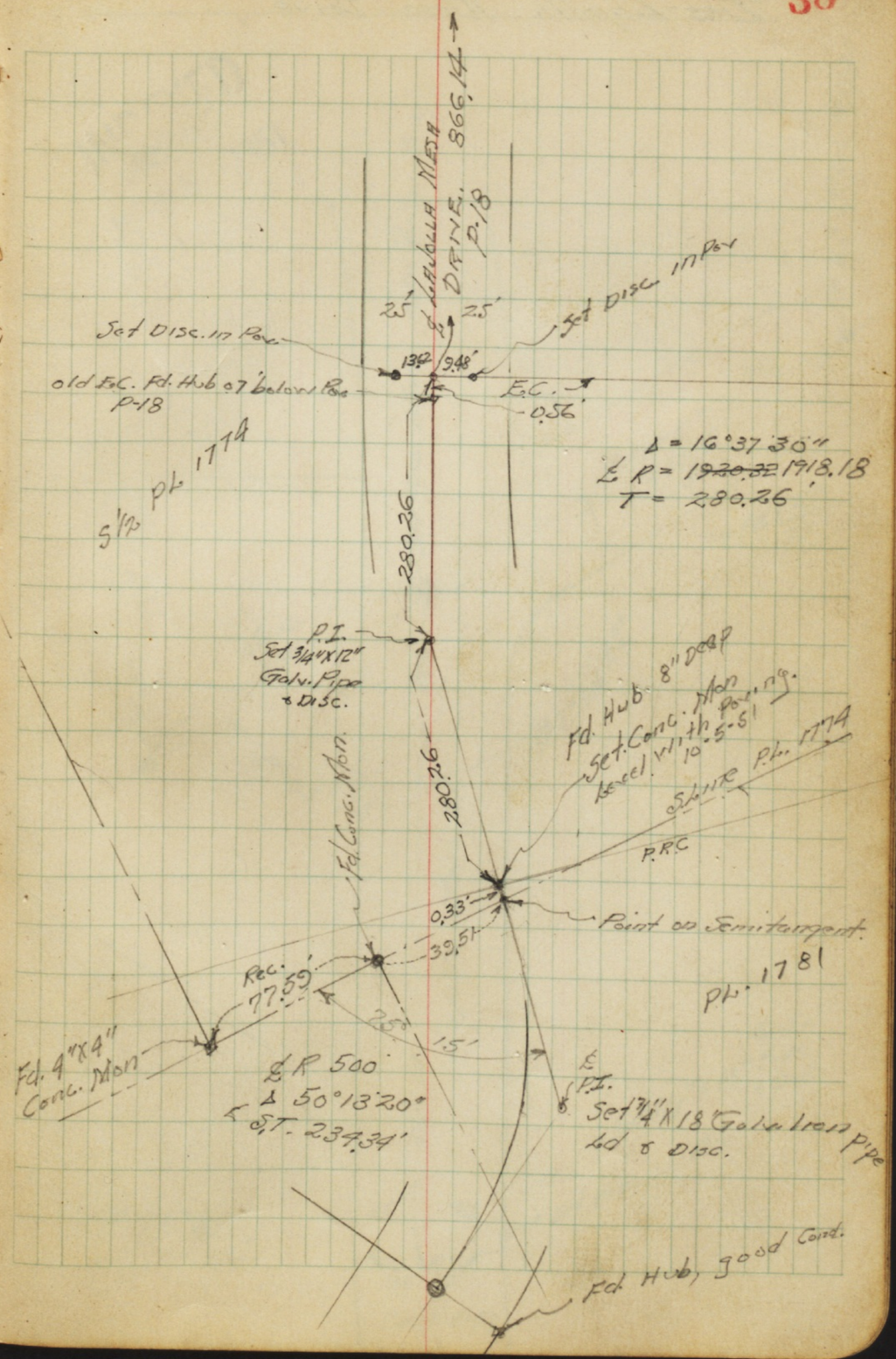
Ties La Jolla Mesa Drive

Detail Ties of P.R.C

Walker
Pope
Huffman
Kellio
10-8-51

INDEXED
Leio
OCT 9 1951

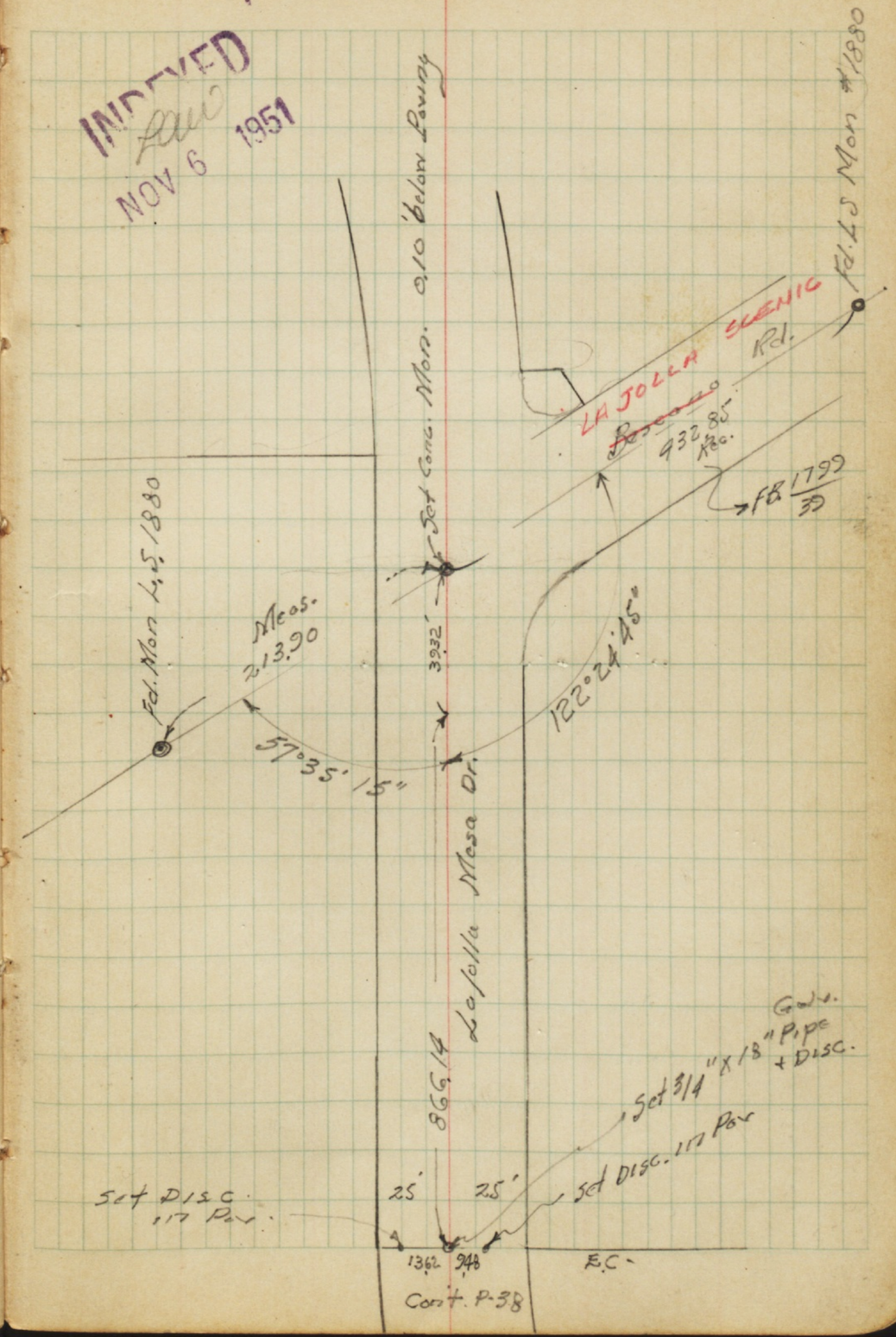
Cont. P-39



Ties-Lajolla Mesa Drive

10

INDEXED
NOV 6 1951

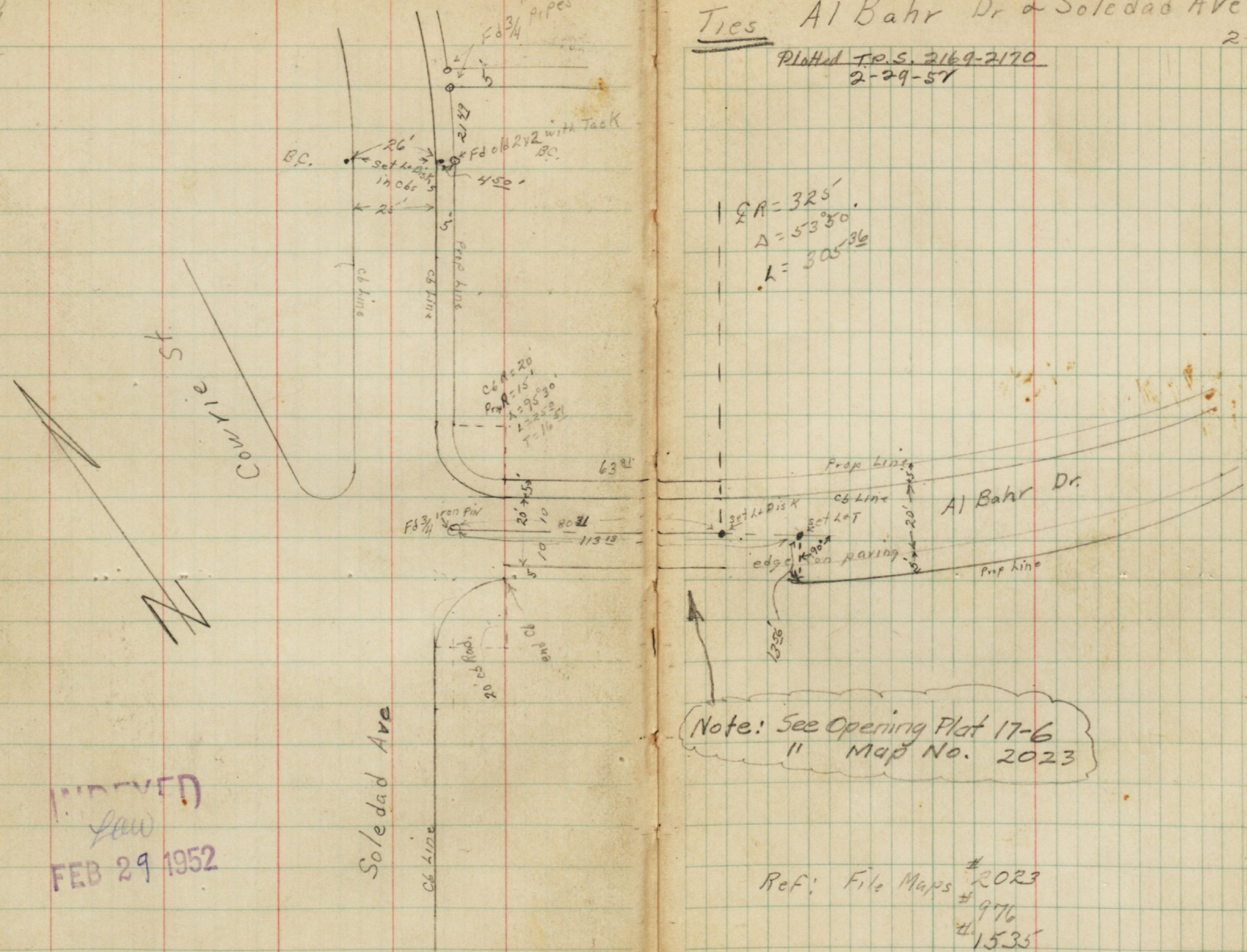


D. Smith
C. Allen
R. Taylor

Ties Al Bahr Dr & Soledad Ave

2-27-52

Plotted T.P.S. 2169-2170
2-29-52



Note: See Opening Plat 17-6
" Map No. 2023

Ref: File Maps #2023
#976
#1535

INDEXED
FEB 29 1952

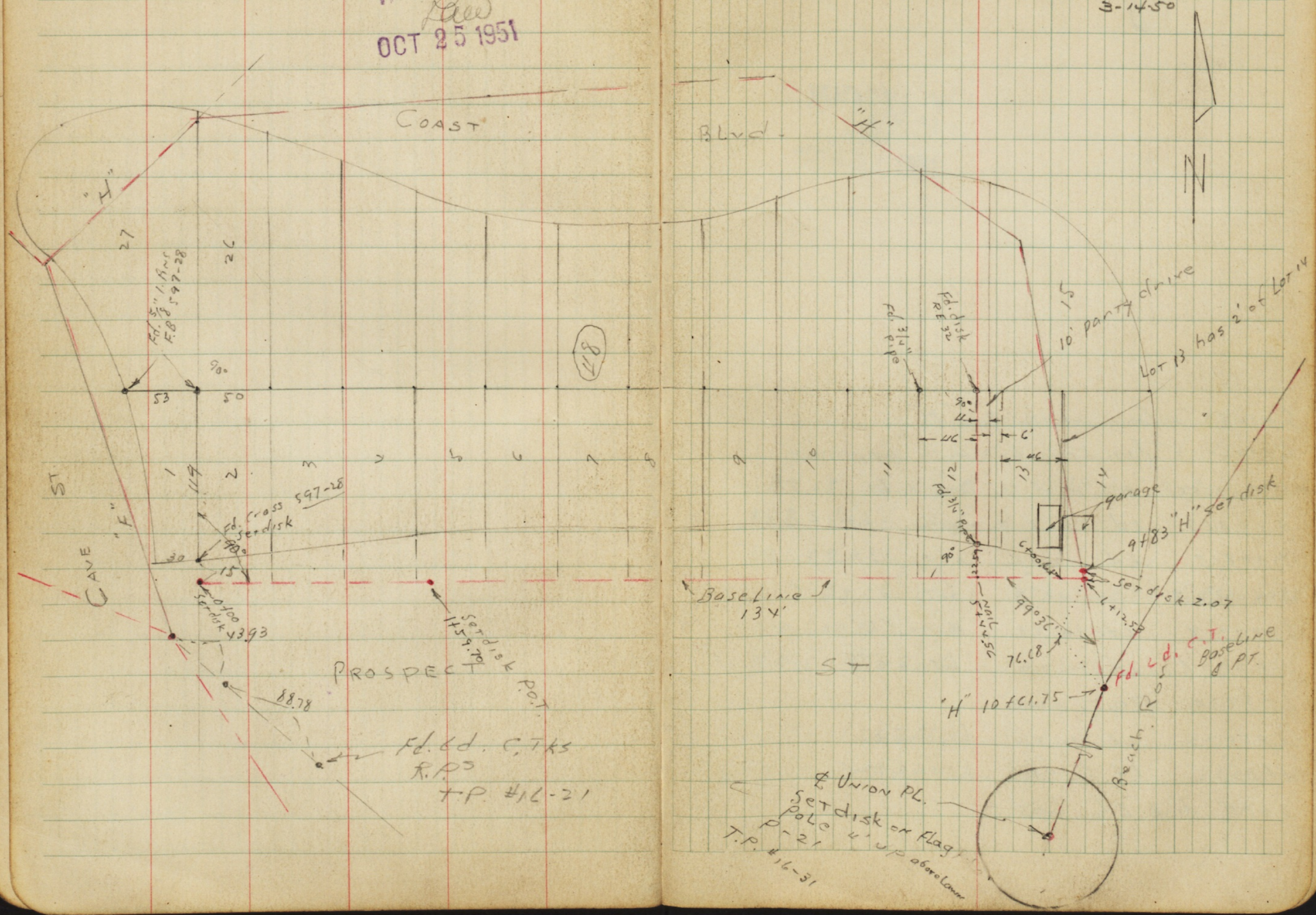
Moore
Begg
Sherman
2-23-50

Survey Blk 48
La Jolla Park
W.O. 20006

INDEXED
OCT 25 1951

Ref. T.P. 16-21-31
And " 30-21 this ok
Tieg F.B. 597-28
used Roll 4104

Plotted TPS-2183-4 McQ
3-14-50



Survey Blk 48 La Jolla Park

Meas.s 134' Baseline
tp pts. N side of Prospect

6+12.53 = In T. with B.6. "H"
6+00.61 = div. line betw. 2 garages
5+44.50 0.15' W of 3/4" Pipe Lt 22.57
4+98.69 Ld. Tk. Top wall Lt 28.98
4+48.69 Ld. in. Tk. Lt 33.92
3+44.28 Ld. in. Tk Lt 32.33
3+00.28 Ld. in. Tk Lt 31.60
2+00.28 Ld. in. Tk Lt. 28.75
1+59.70 P.O.T. disk
1+50.23 Ld. in. Tk Lt. 25.85
1+00.25 Ld. in. Tk Lt. 20.92
0+00 disk E.6. LOT 1

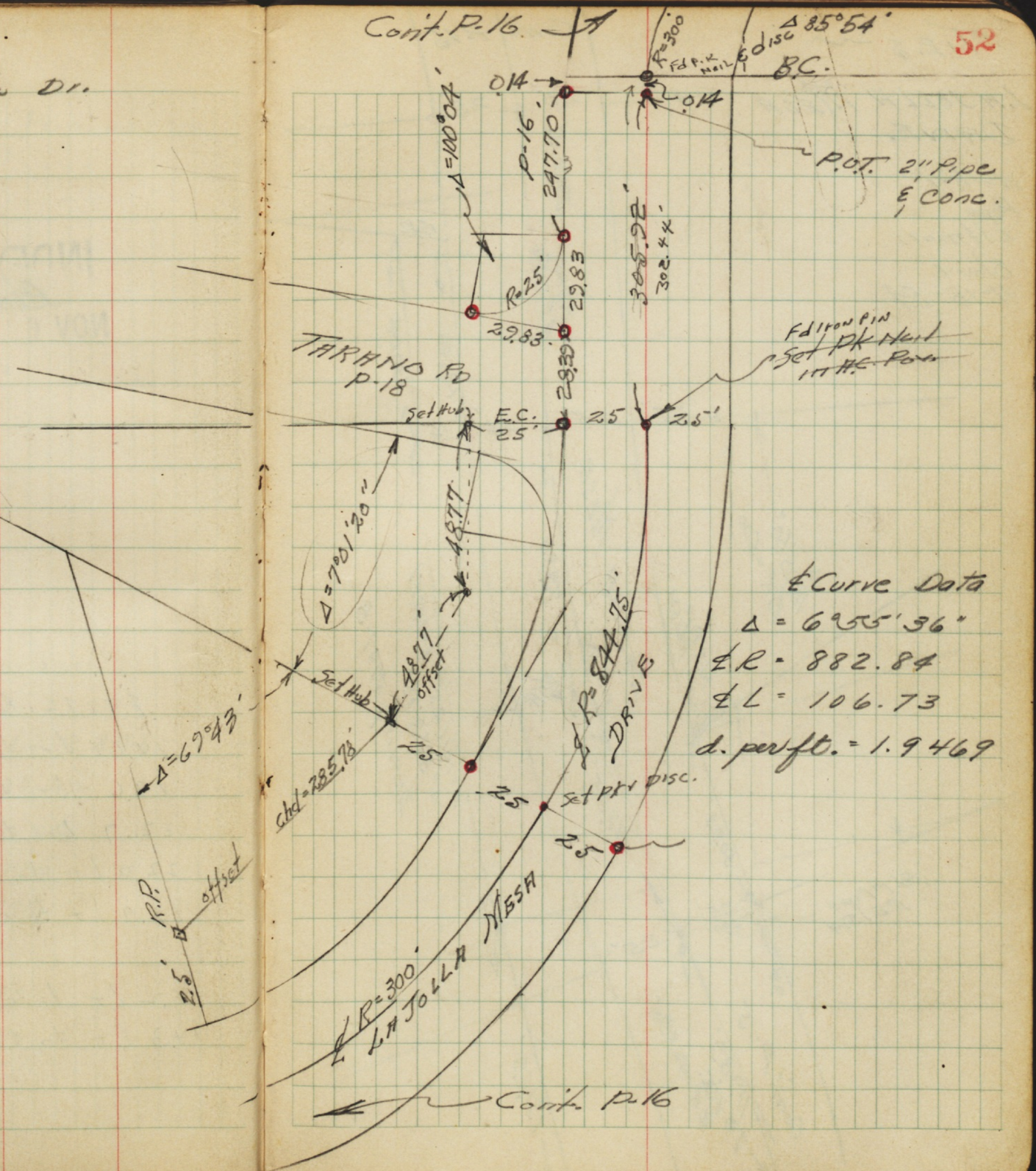
INDEXED
NOV 6 1951

8.0 Lt to curb 13x Lt to disk RE 3v
14.6 Lt to curb
19.6 Lt to curb
22.7 Lt to curb (Tk. to In. Pin & Blk. 101.3)
22.0 Lt to curb
18.9 Lt to curb

16.2 Lt to curb
14.3 Lt to curb

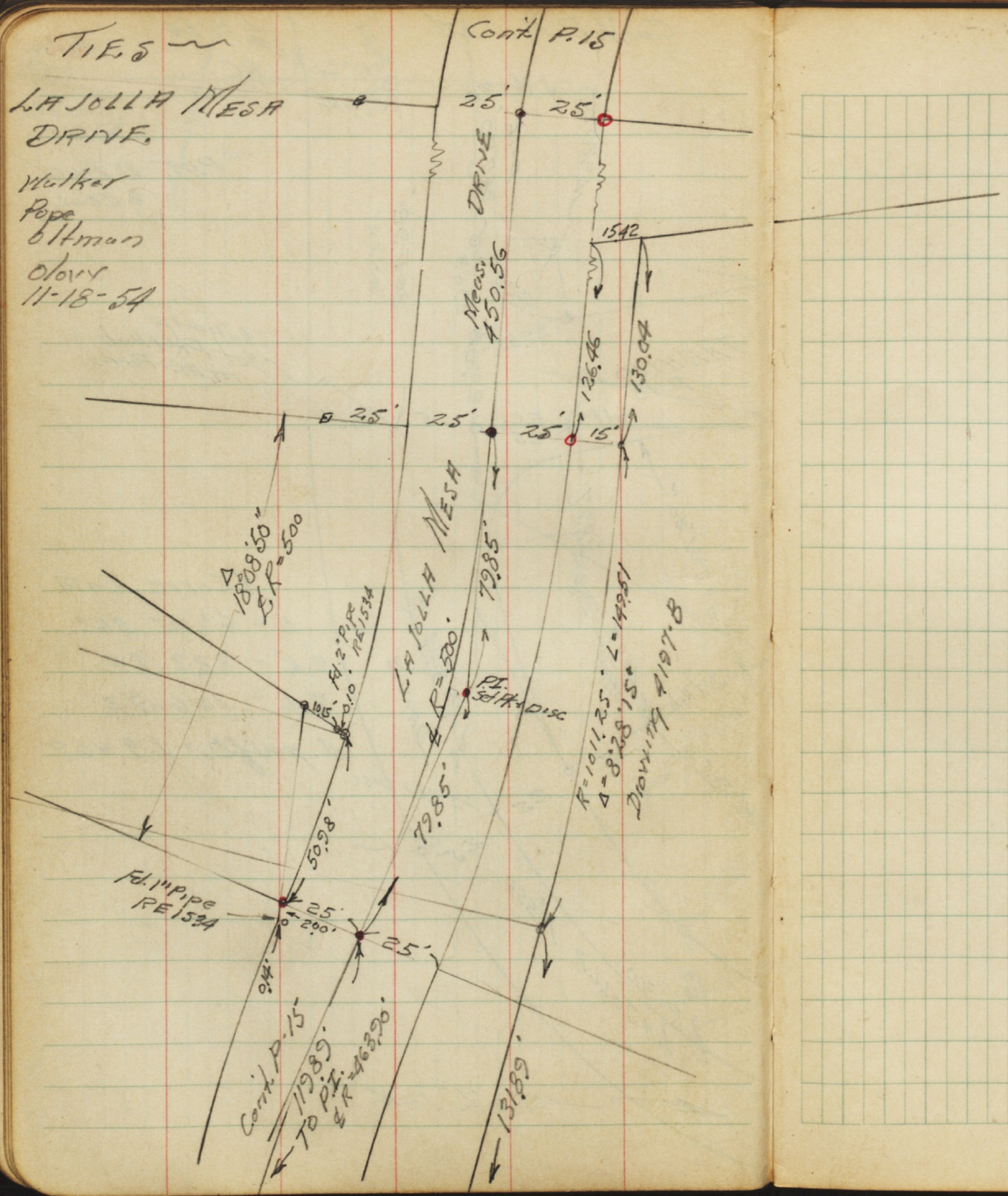
Walker
Pope
Altman
Olowi
11-18-54

Ties to La Jolla Mesa Dr.



℄ Curve Data
Δ = 6°55'36"
℄ R = 882.84
℄ L = 106.73
d. per ft. = 1.9469

TIES ~

LA JOLLA MESA DRIVE.

Walker
Pope
Ottman
Olory
11-18-54