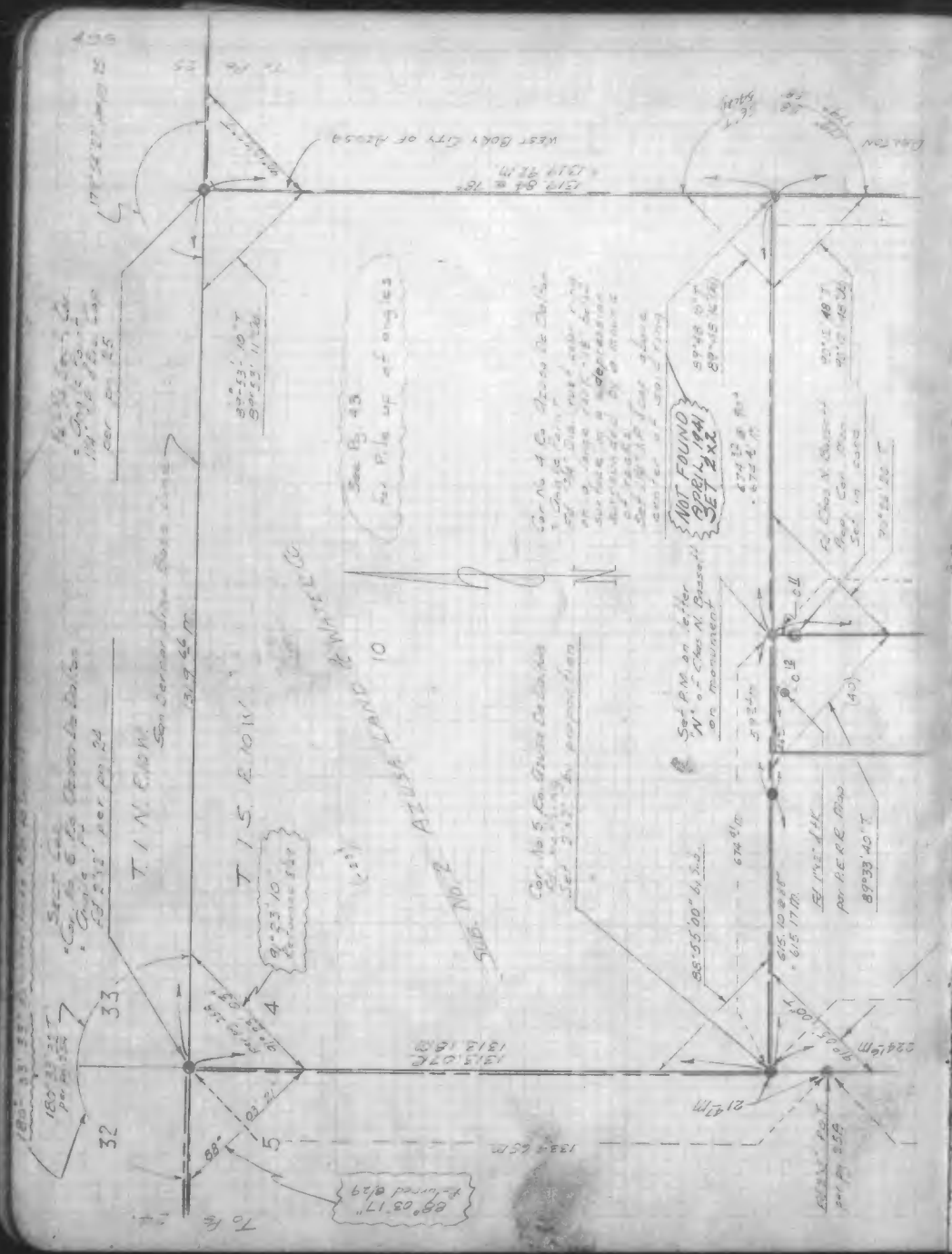
F.B.1048-5

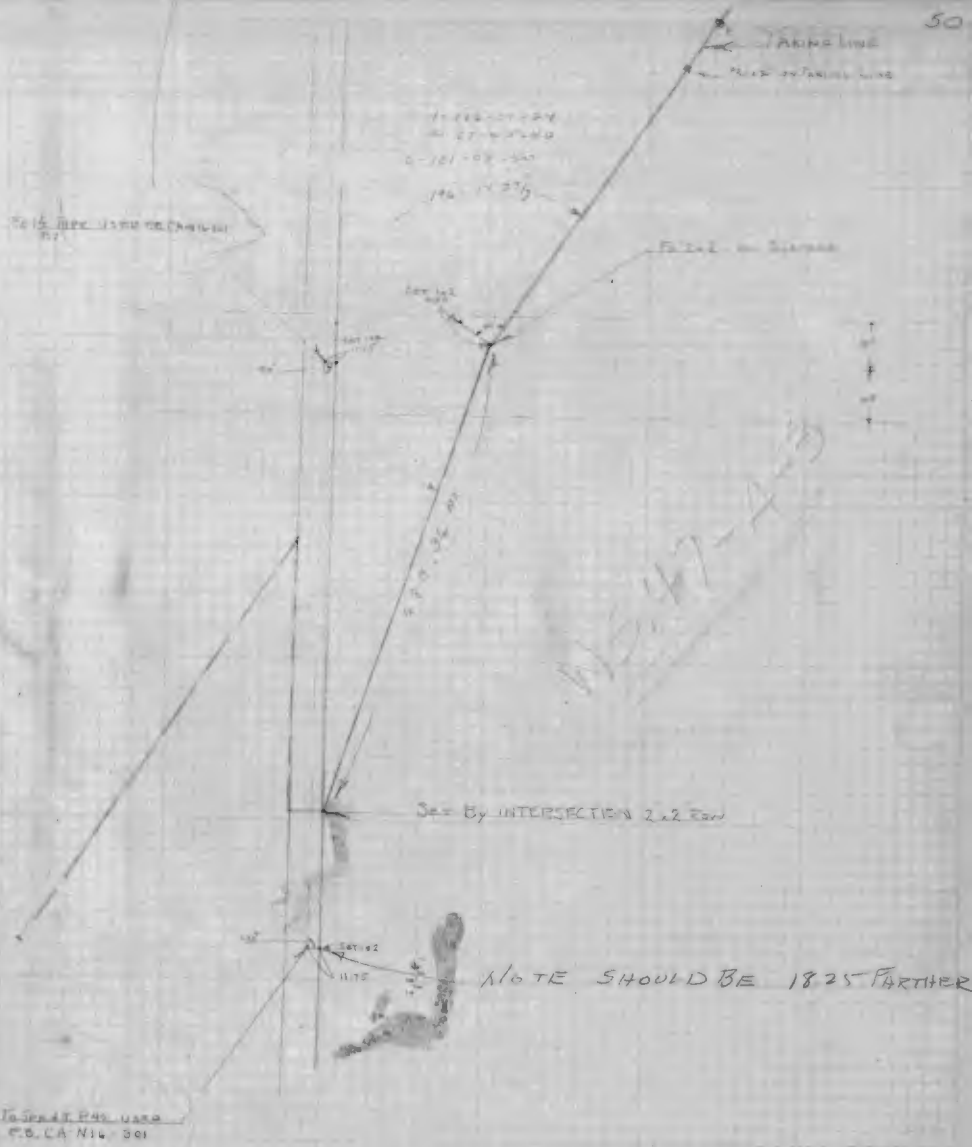
FB.104

U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)



U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)





FB.1048-9

FB.1048

U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)



TRIANGULATION FOR SANTA FE DAM PREVENTION BARRIER INVESTIGATION

P.W.A.E. Transit #69520
Oct. 9/10, 1940

Bearings
Mr. Gee
Compass
Pelton
Pennington

FB.1048-11

F.B.1048

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(CA-N 16-301)



Directions to reach (U.S.F.C. B "Barrow") see pg 54

From the intersection of Huntington Drive (U.S. Hy No 66) and Foothill Blvd (area intersection being approx 150 West of "Marigold Tavern") go north on Foothill Blvd 1800', thence west on Foothill Blvd approx 350' to Oak Ave, thence north across R.R. also road crossing to Royal Oaks, thence east along Royal Oaks about 350' to a private dirt road. Thence north on said private road a distance of 1 mile to a point where there is an ornamental iron gate with stone pillars on each side of road.

Then follow along southerly edge of a flat ridge which runs to the east for a distance of approx. 385' from ℄ of dirt road at said gate to station

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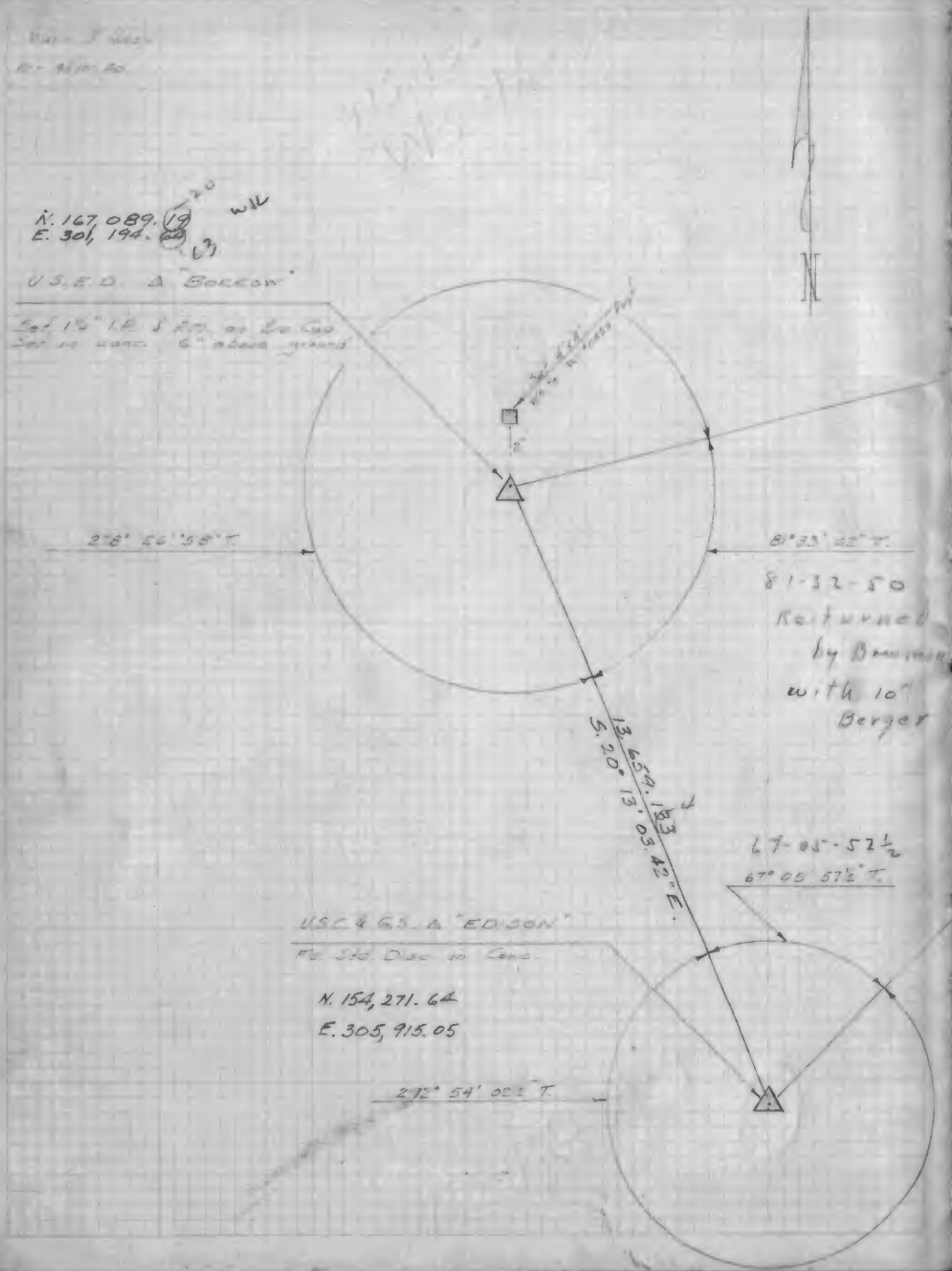
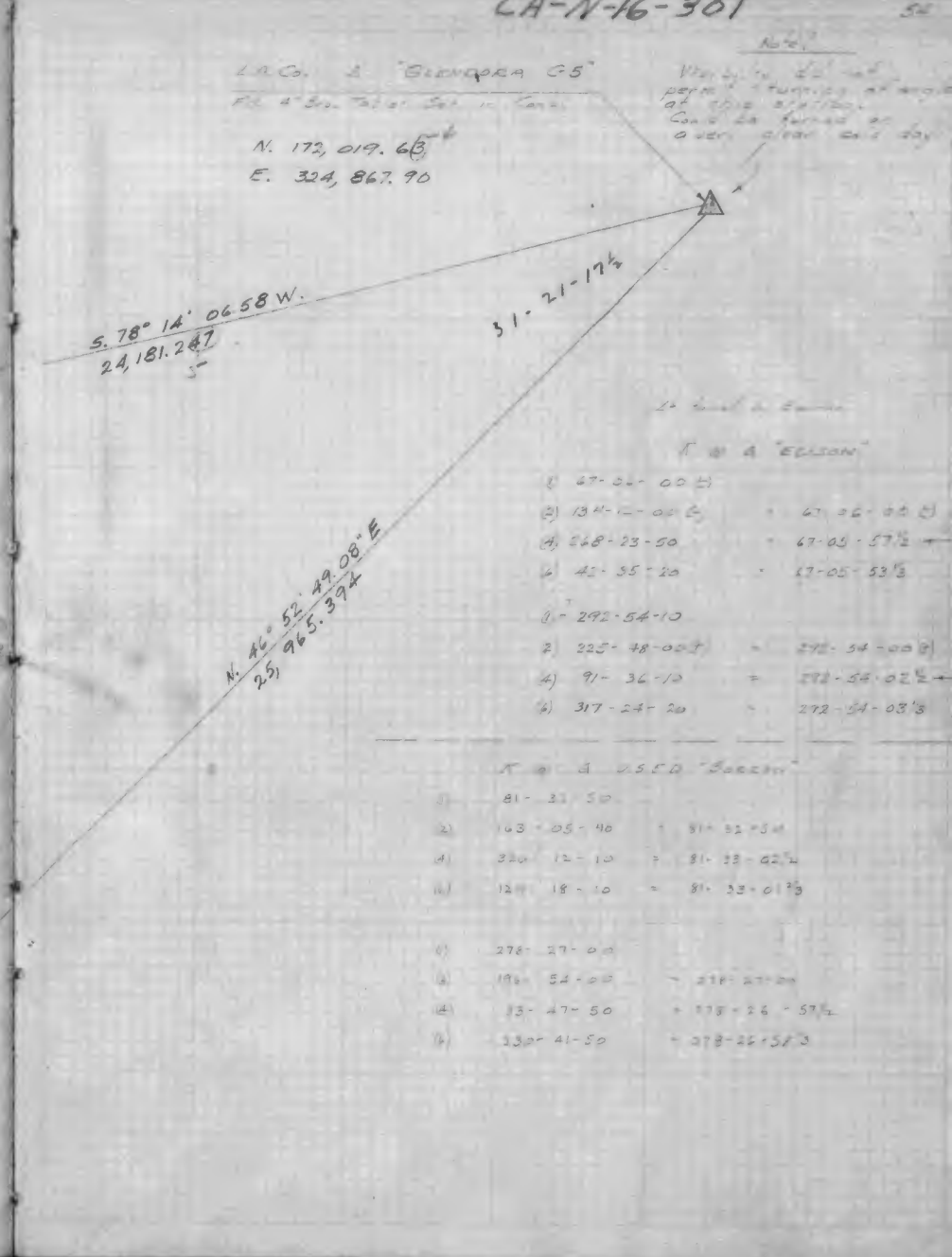
(CA-N 16-301)

CA-N-16-301



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(CA-N 16-301)

CA-N-16-301

FB.1048-17

FB.104

U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)



Continous Stationing Index for ℄ Dam

| PAGE | LIMITS OF STATIONING ℄ DAM. | | |
|---|---|---|---|
| 76 | Beg 10+55 58 | to | ℄ Highland |
| 78 | ℄ Highland | " | 51+58 88 |
| 75 | 51+58 88 | " | 64+30 88 |
| 74 | 64+30 88 | " | 85+70 50 |
| 73 | 91+93 16 | " | 117+18 38 |
| 64 to 57 | 117+18 38 | " | 234+12 72 |
| 77 | 234+12 72 | " | 251+14 64 End of Dam |

SANTA FE DAM

CONTROL LINE OF DAM AXIS

~~See Pg 56A for Continous Stationing Index~~

Lateral
● - Points found
○ - Points set

Dam Axis Control Line
Tie to points found and to St. E, are of this book and page as indicated

Top Stn 1 to Temp. 68
Left Temp. #69324

Started 9-3-40
Completed 12- -40

9-51-62 { Bowman
Collins
Gibson
Bragunier
Fanning

1-63-71 { Bowman
McEvo
Dis Lain
Barrick
Houston
Caldwell

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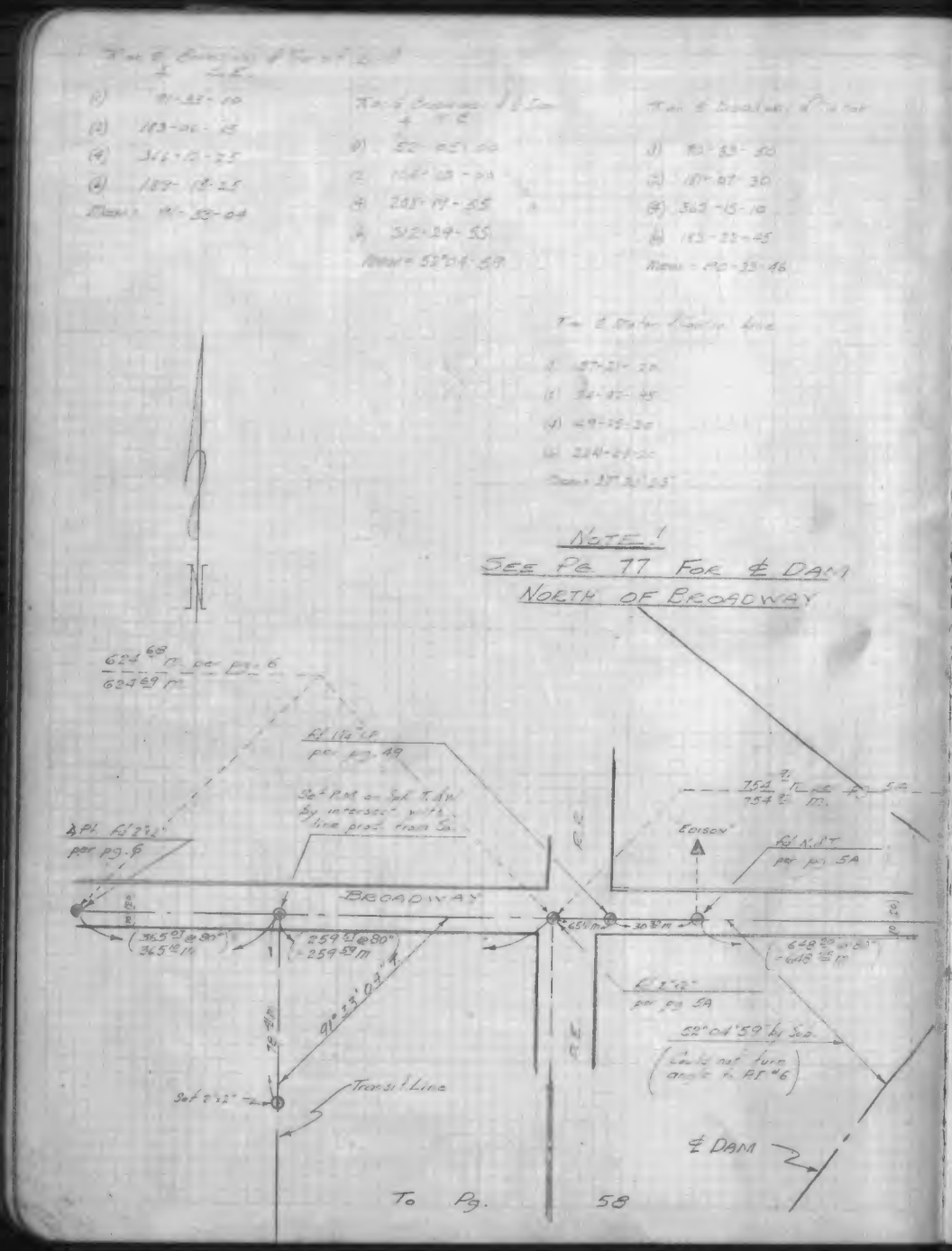
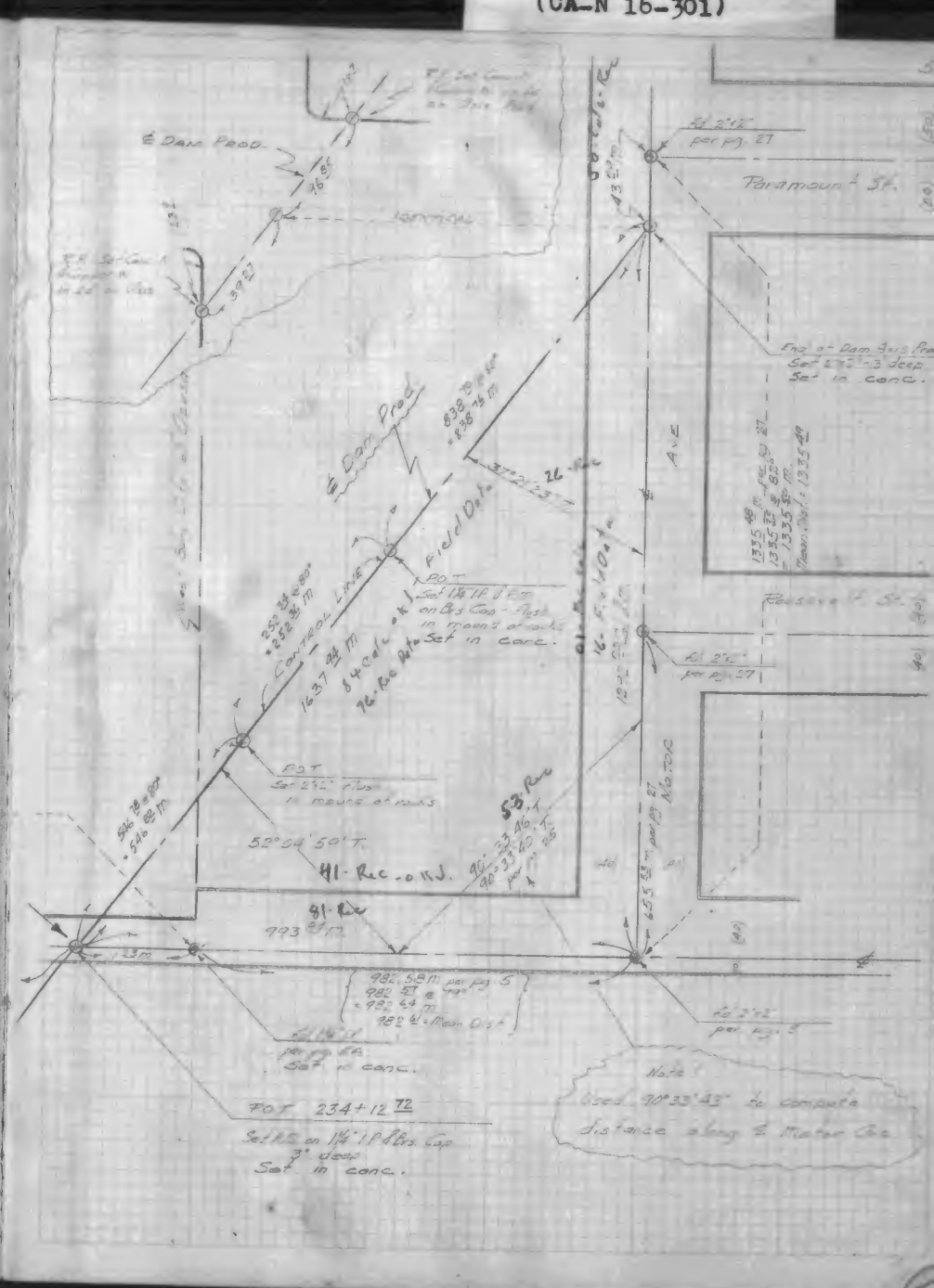
(CA-N 16-301)



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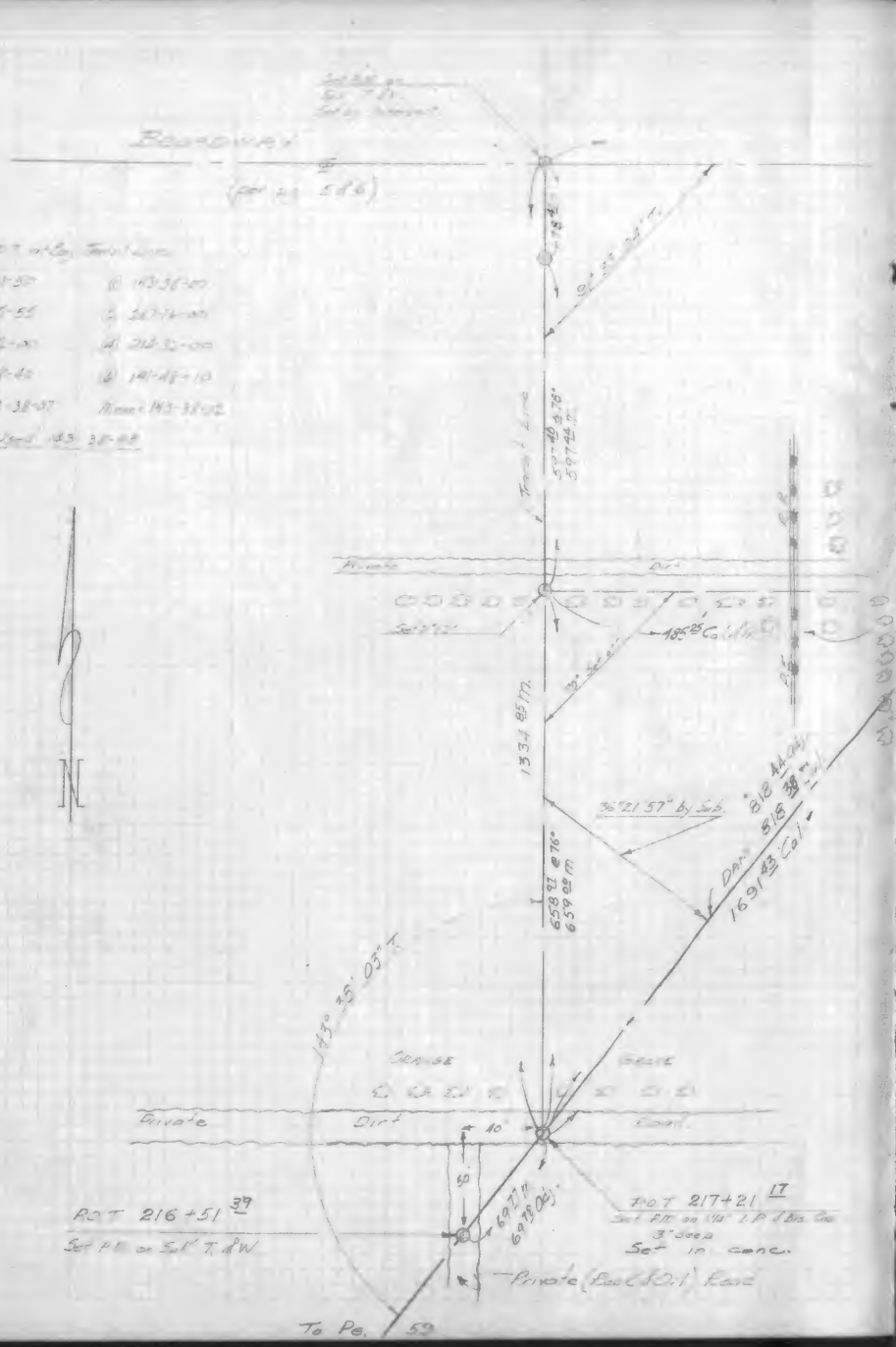
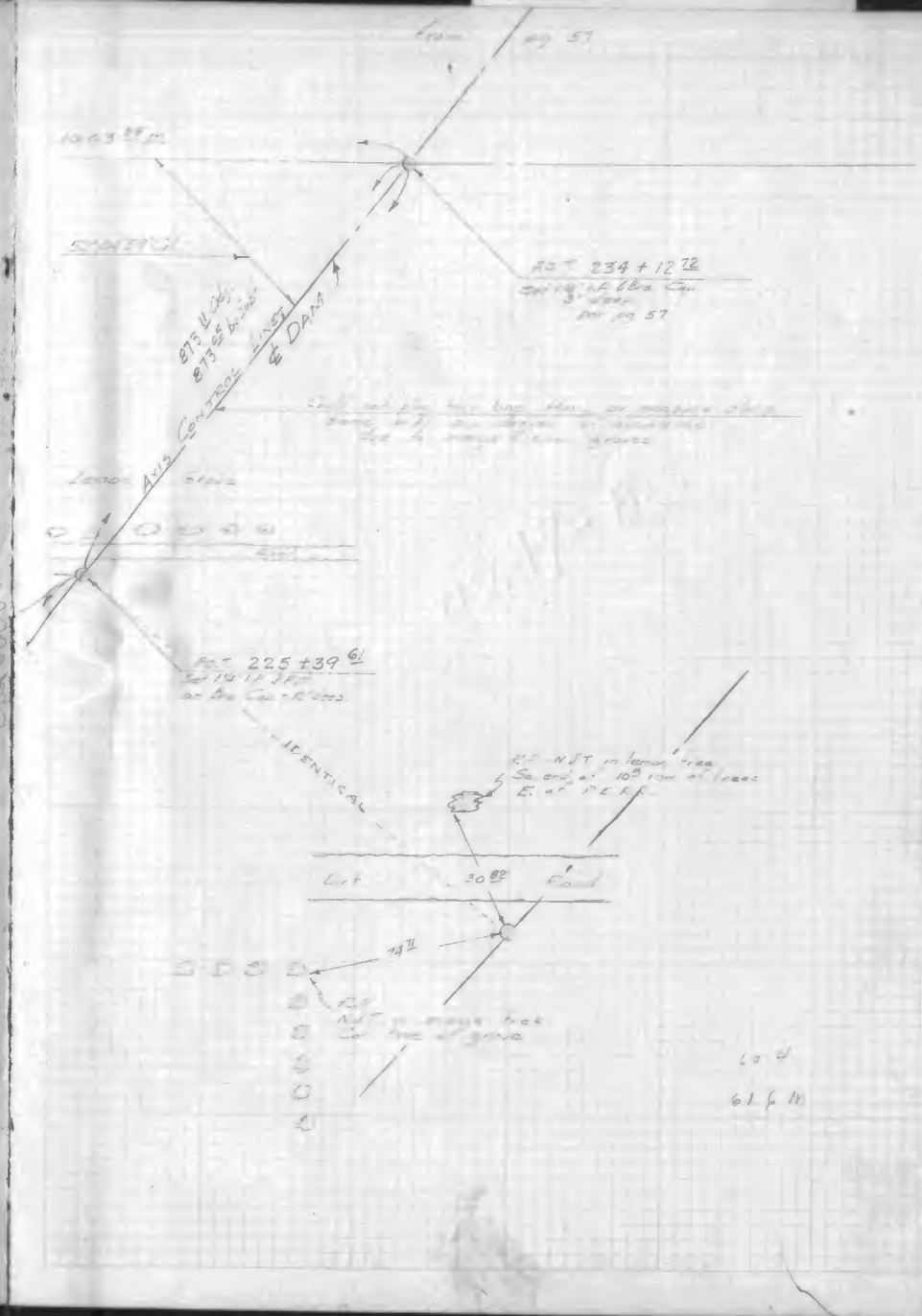
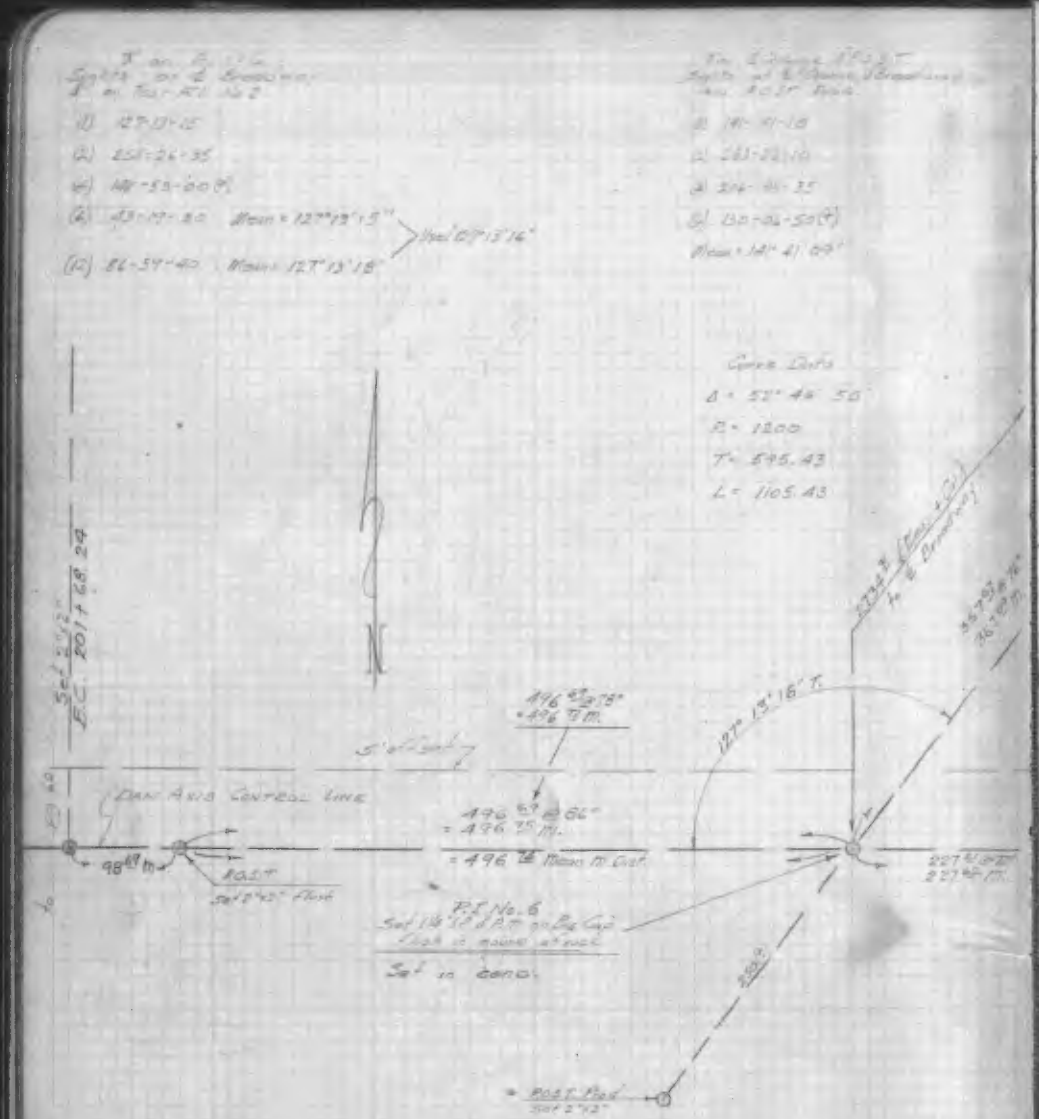
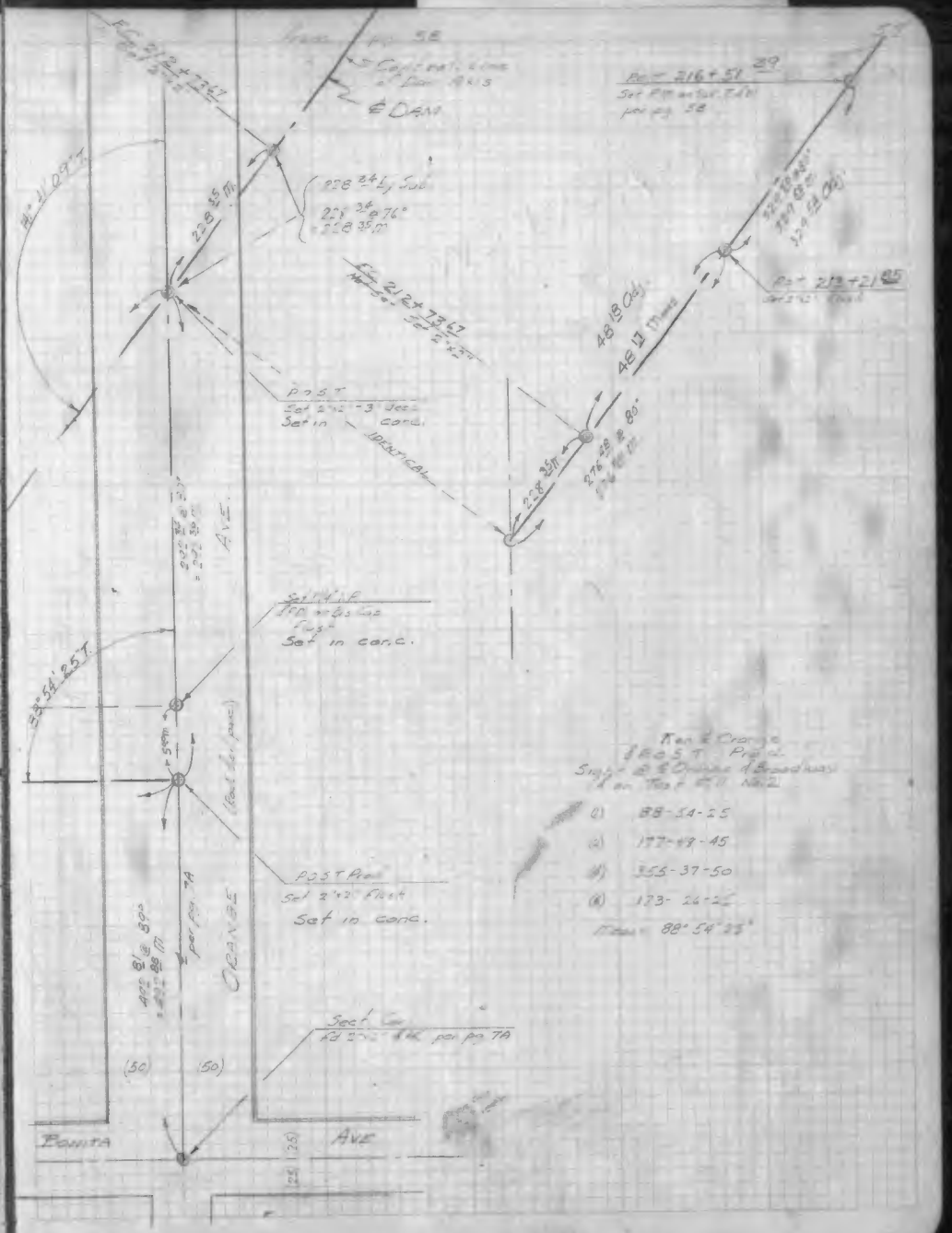
(CA-N 16-301)



U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)

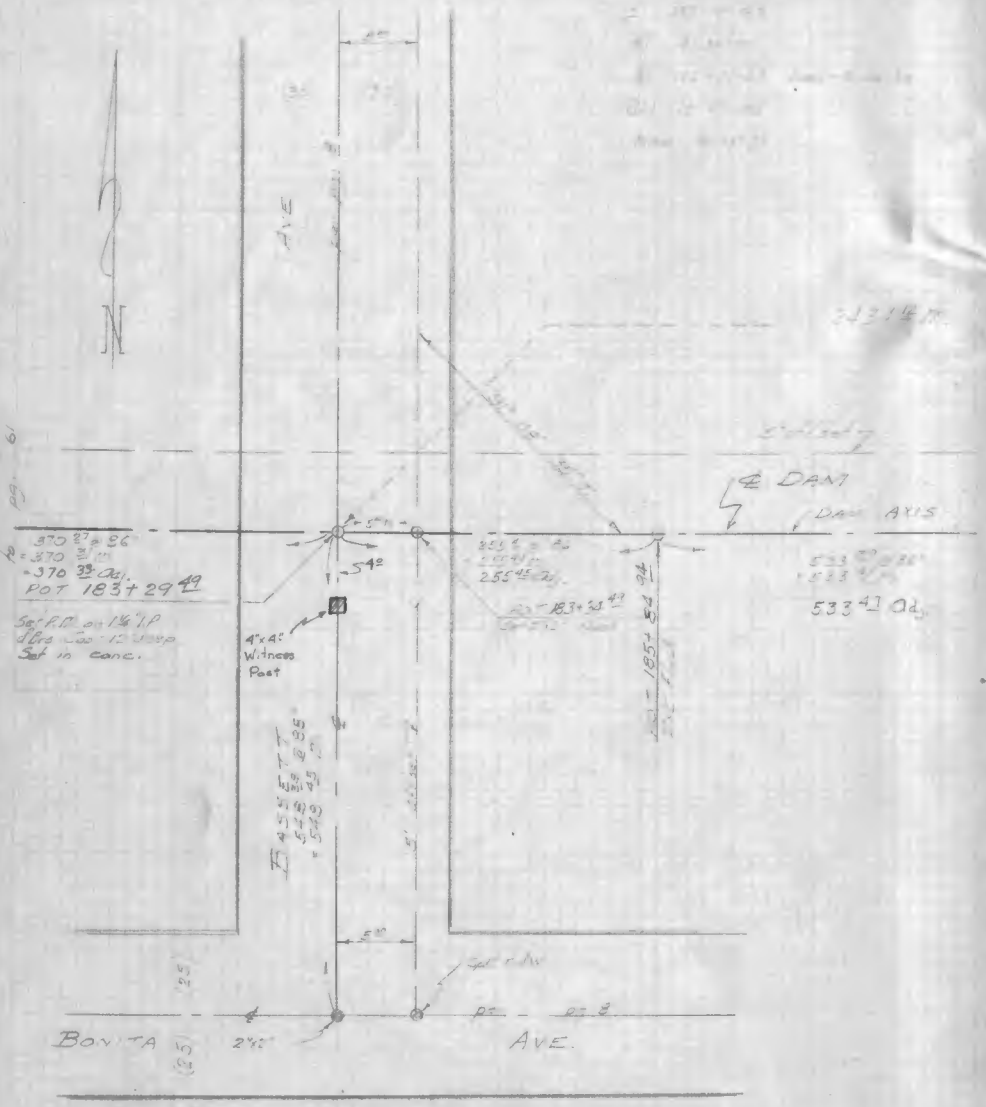


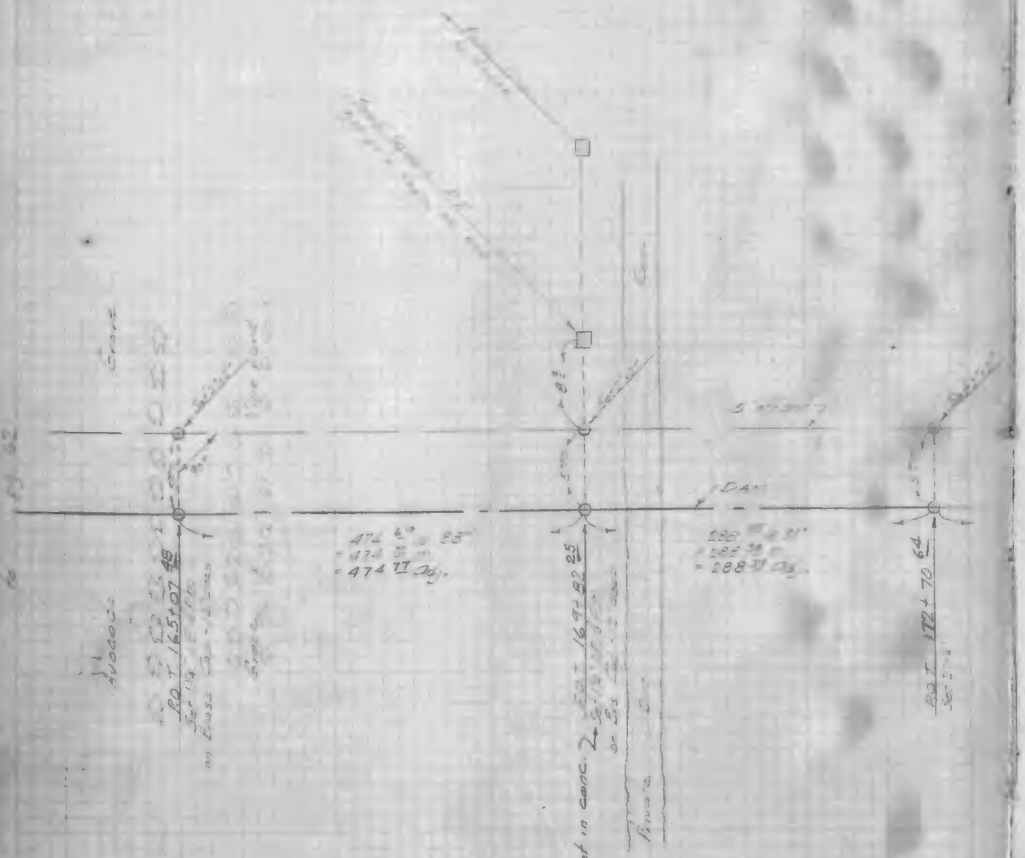
FB.1048-25

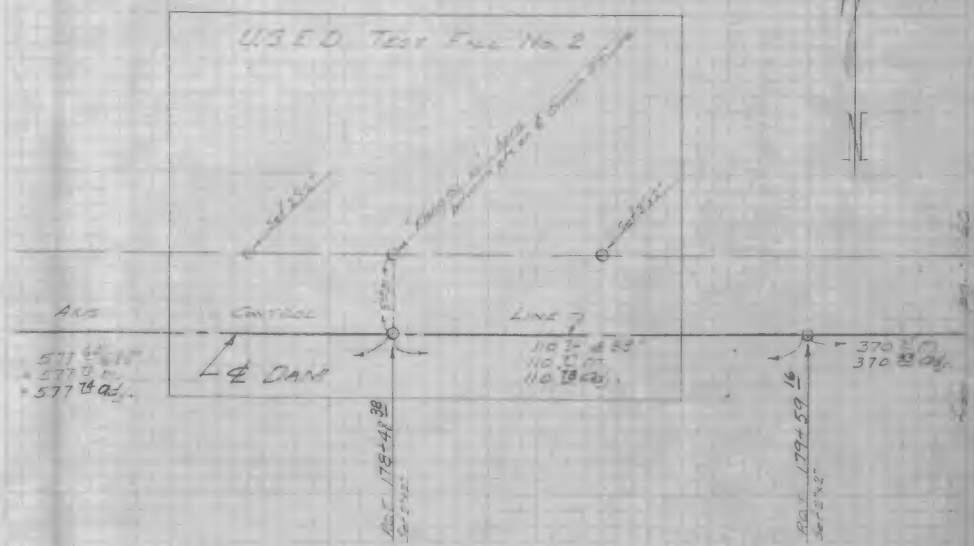
FB.1048-

U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)

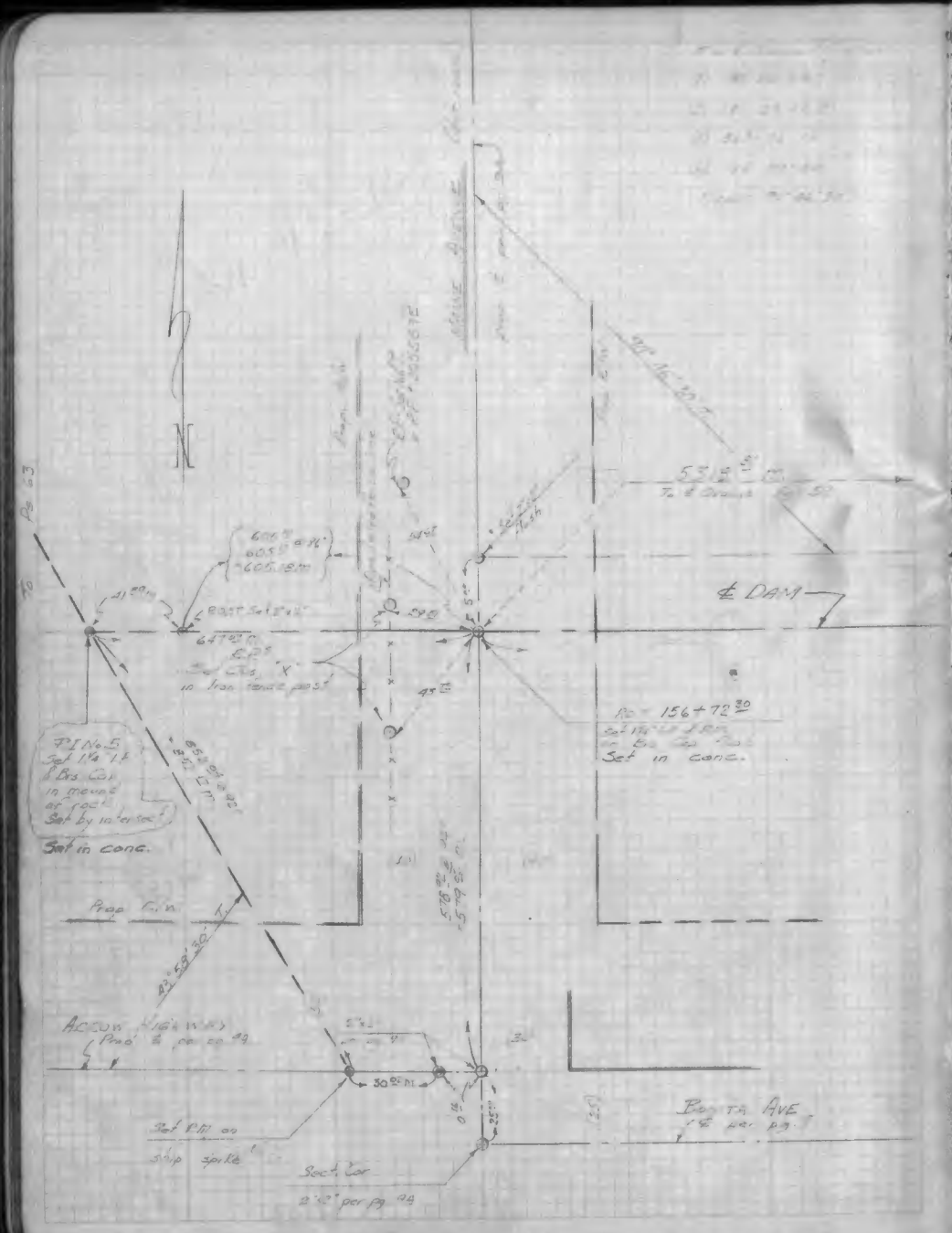


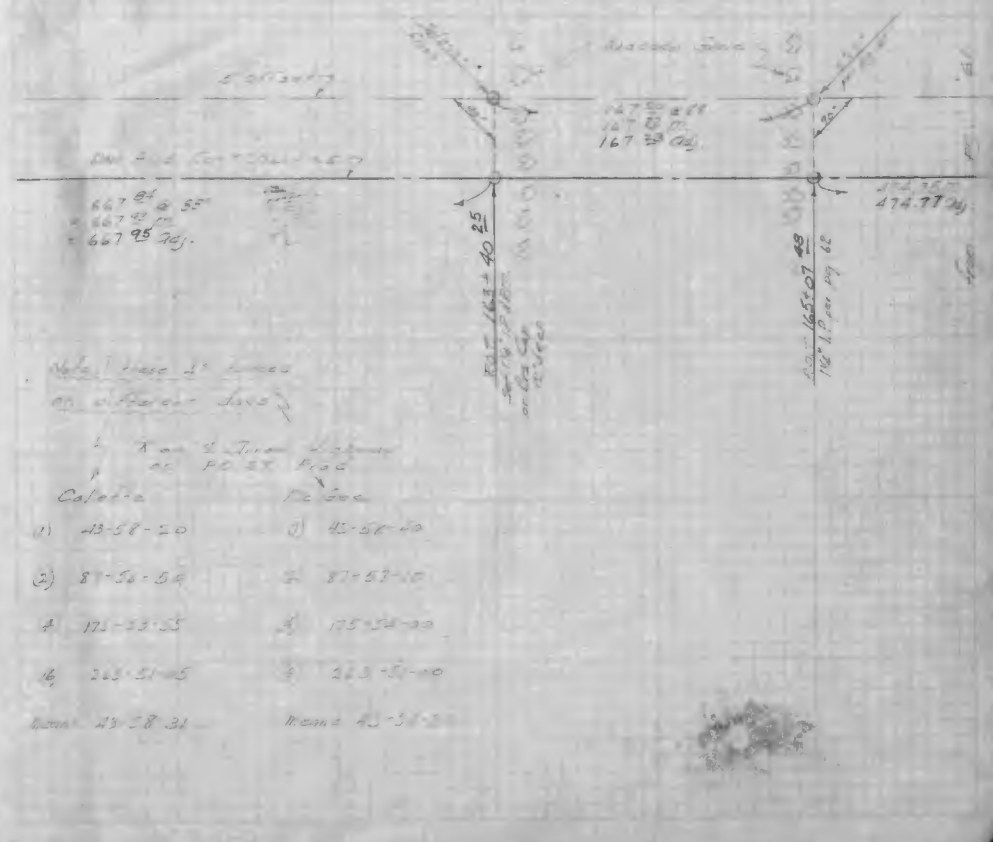
U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)



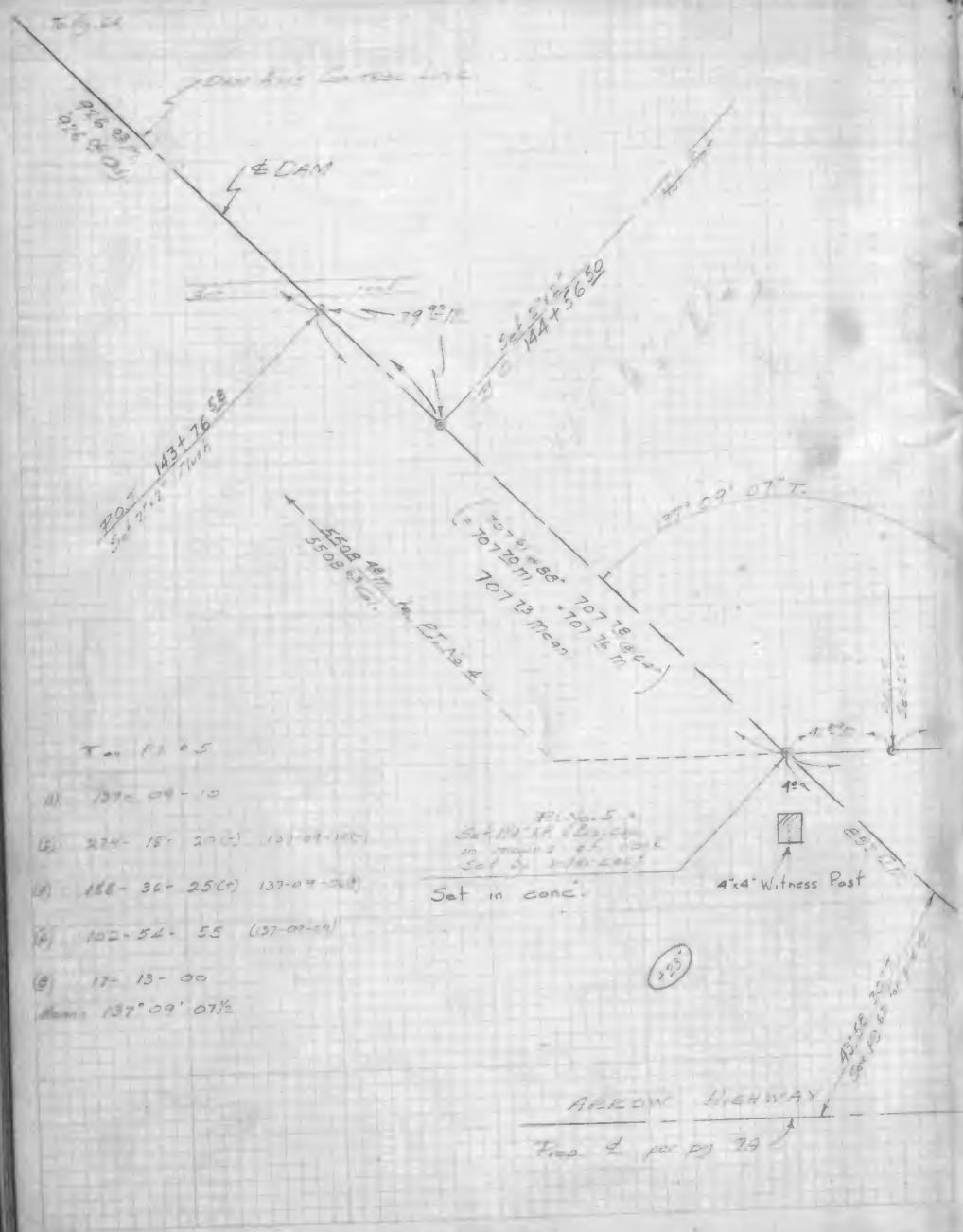



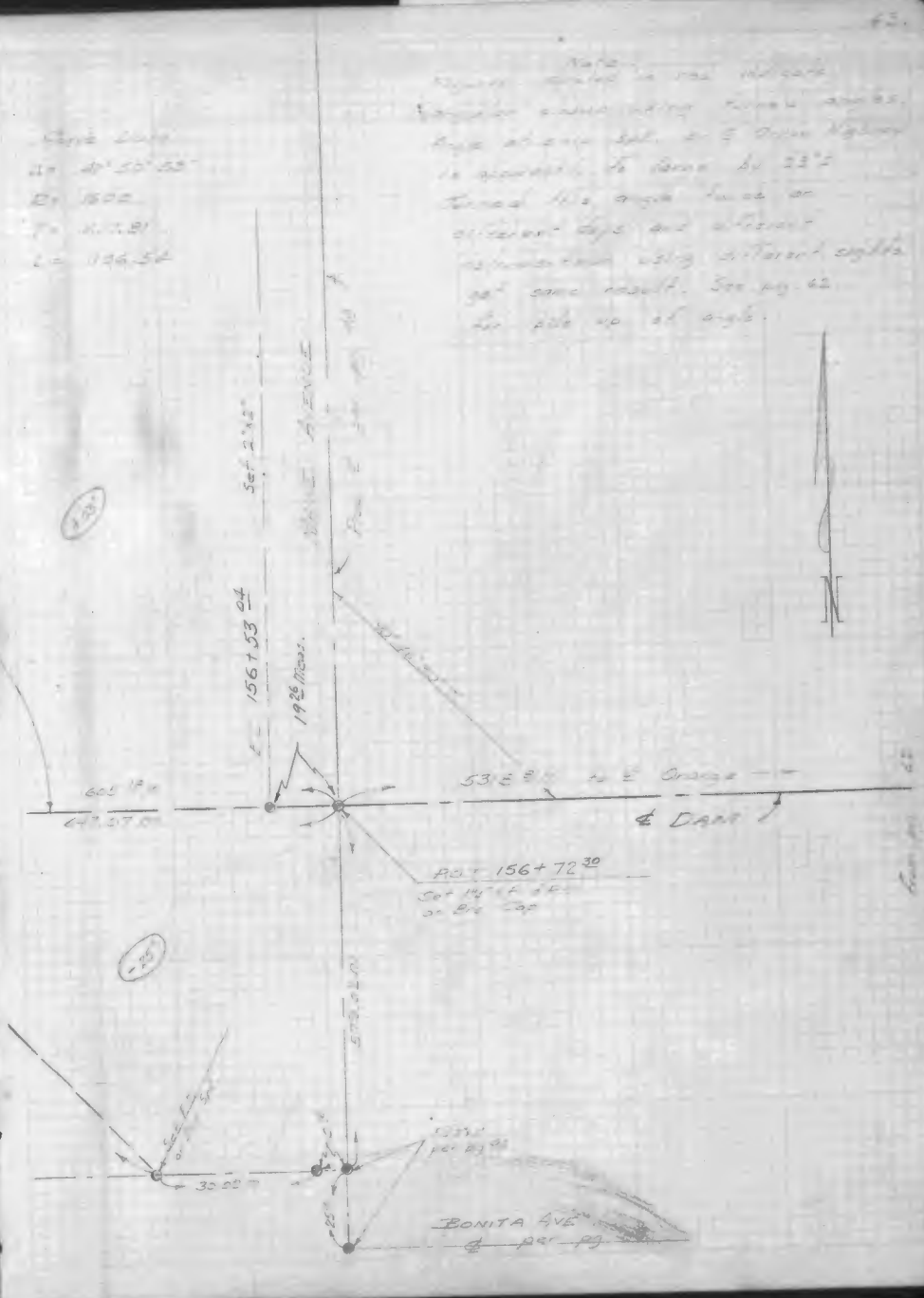
U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)



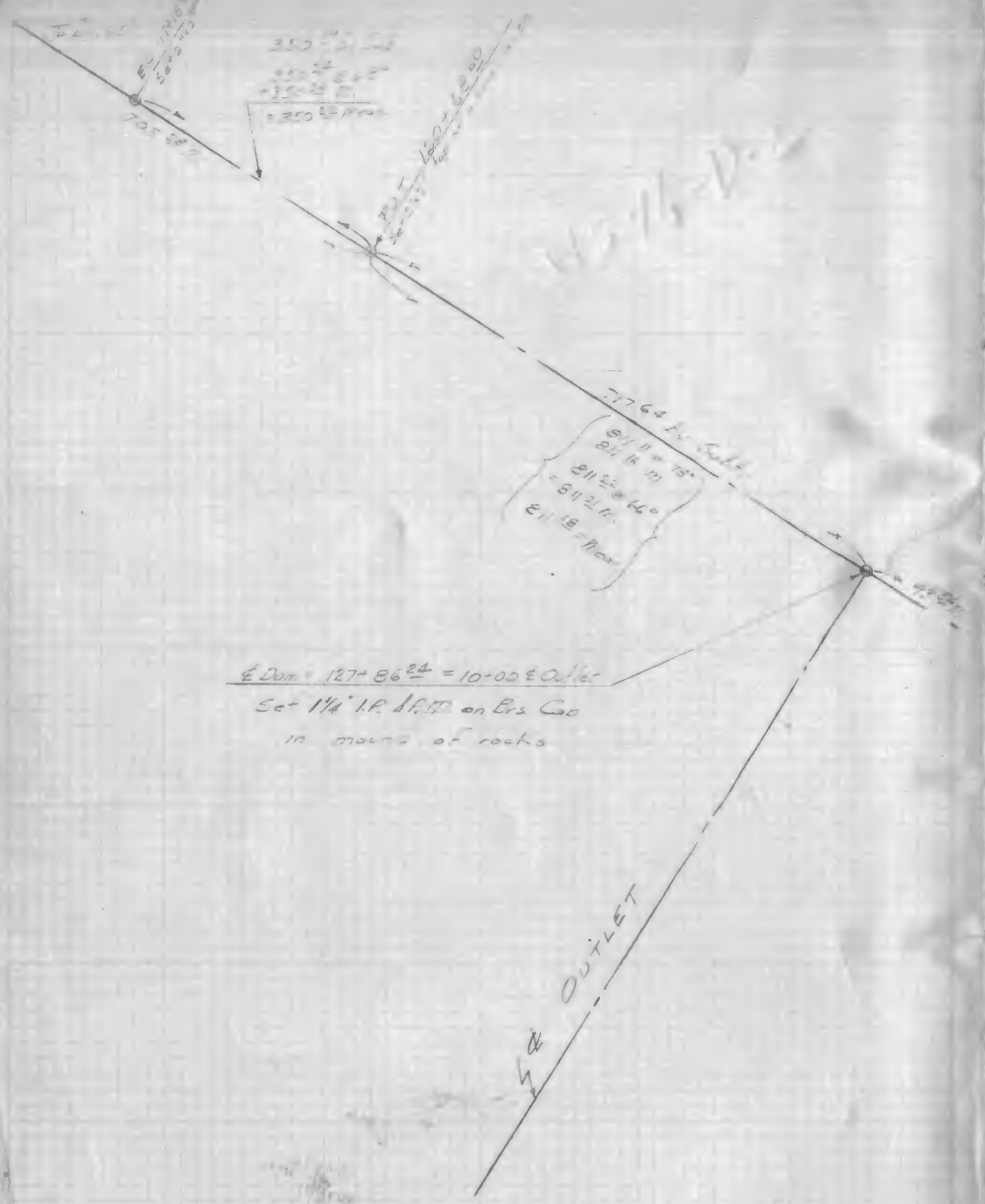



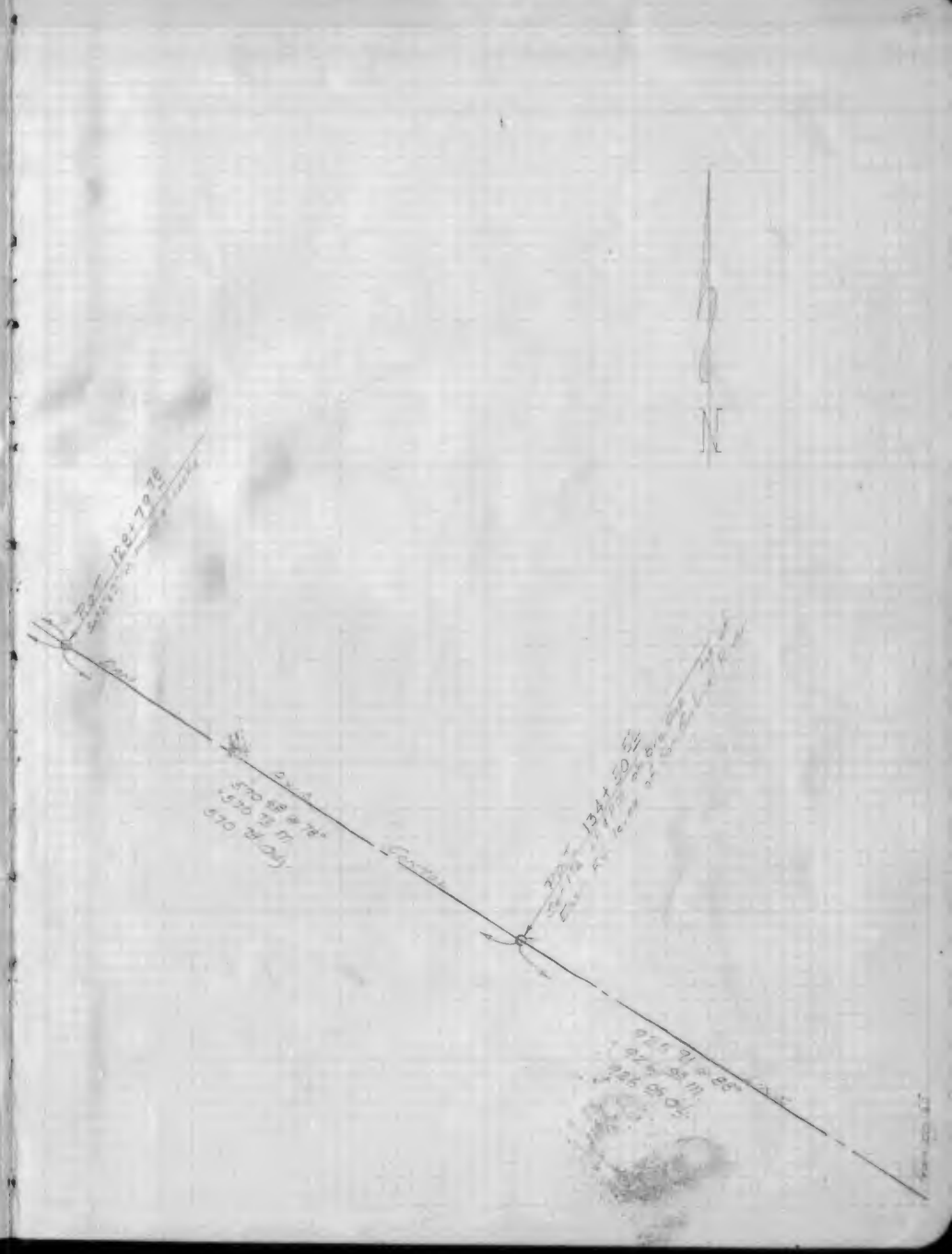
U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)



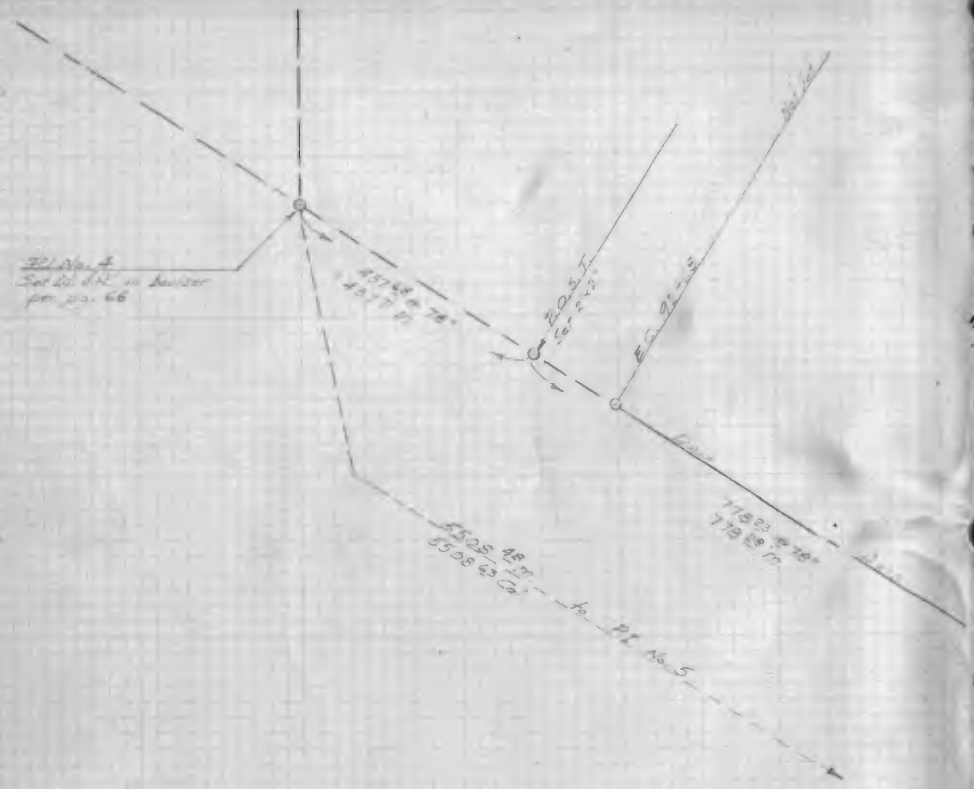



U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)

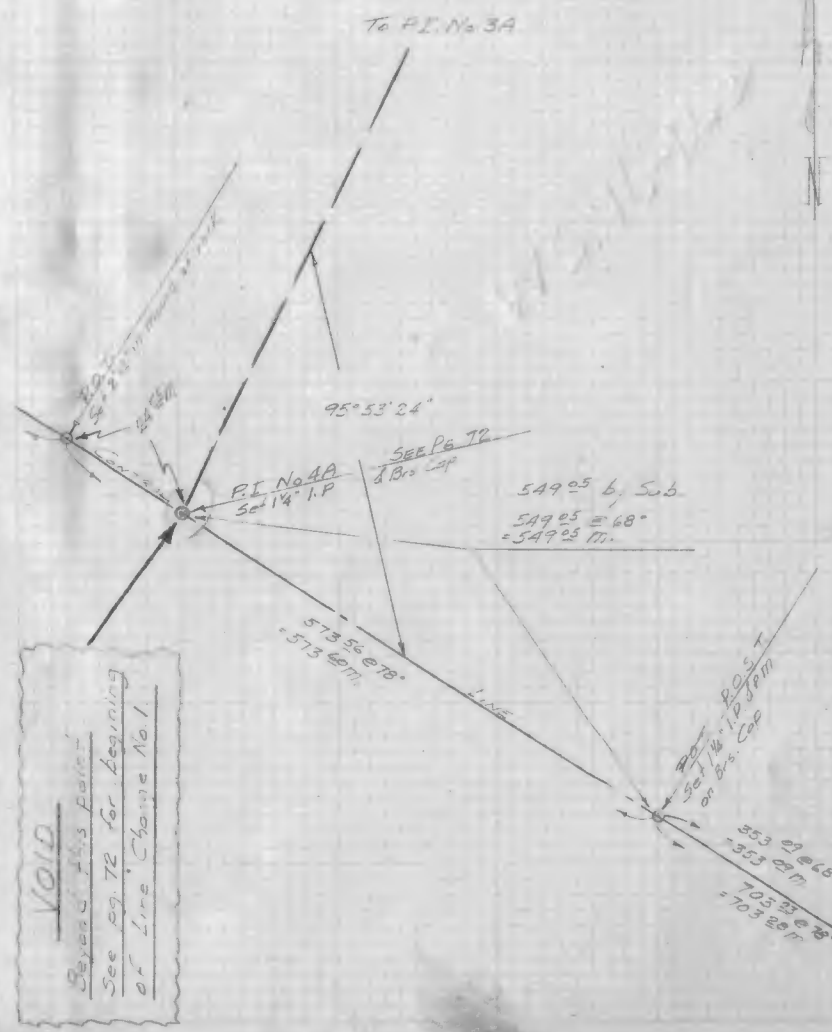


U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)

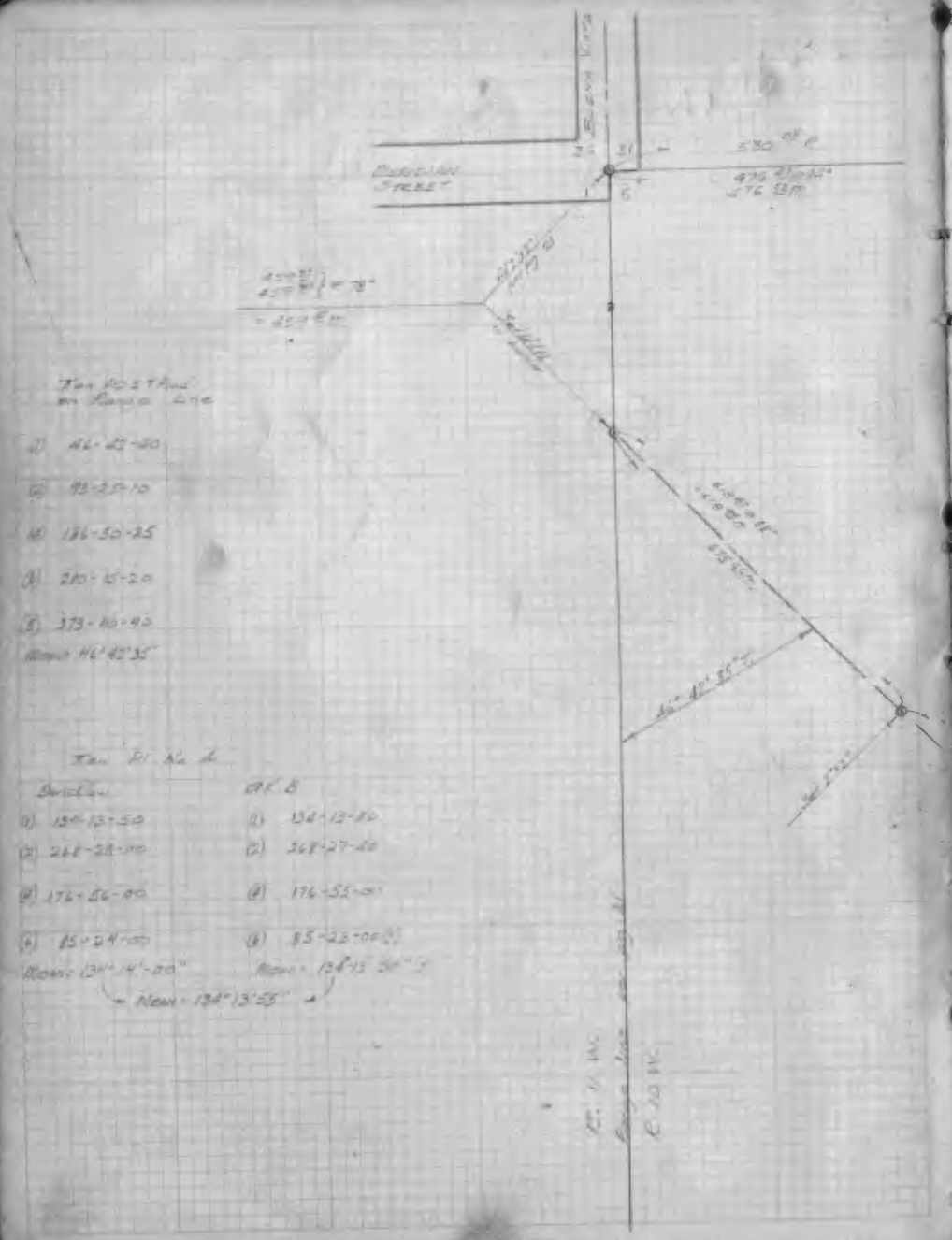


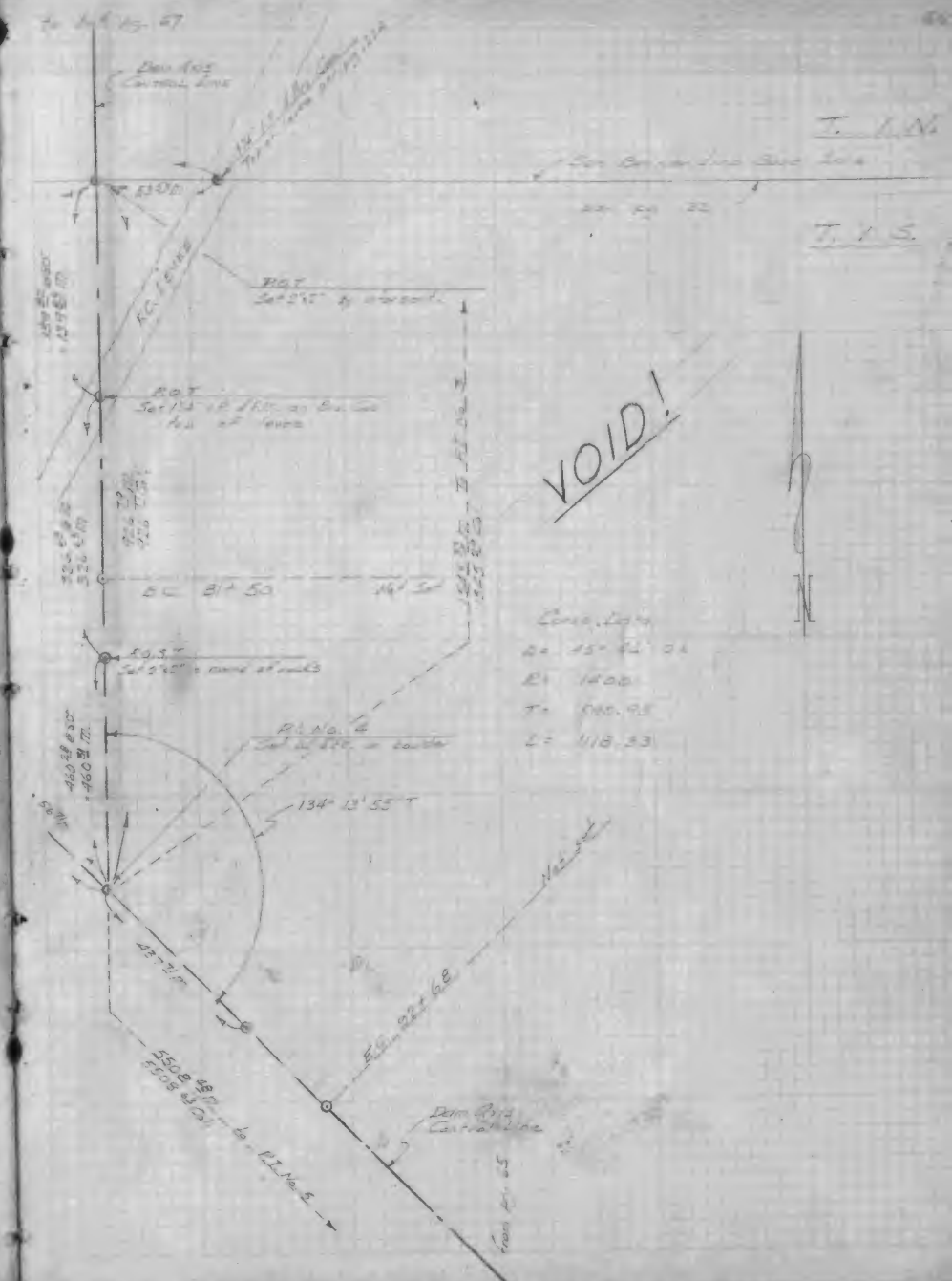

PGS. 65 to 71
SUPERCEDED BY PGS. 72 to 76




VOID
Beyond this point
See pg. 72 for Beginning
of Line Change No 1.

U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)



FB.1048-39

FB.104

U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)

| | |
|---|---|
| (1) 44-11-40 | (1) 44-11-50 |
| (2) 88-23-20 | (2) 88-23-40 |
| (3) 176-47-20 | (3) 176-47-20 |
| (4) 265-10-10 | (4) 265-10-20 |
| Mean: 44-11-52 | Mean: 44-11-53 |

T on F1 N6-3

(1) 134-51-30 (R)

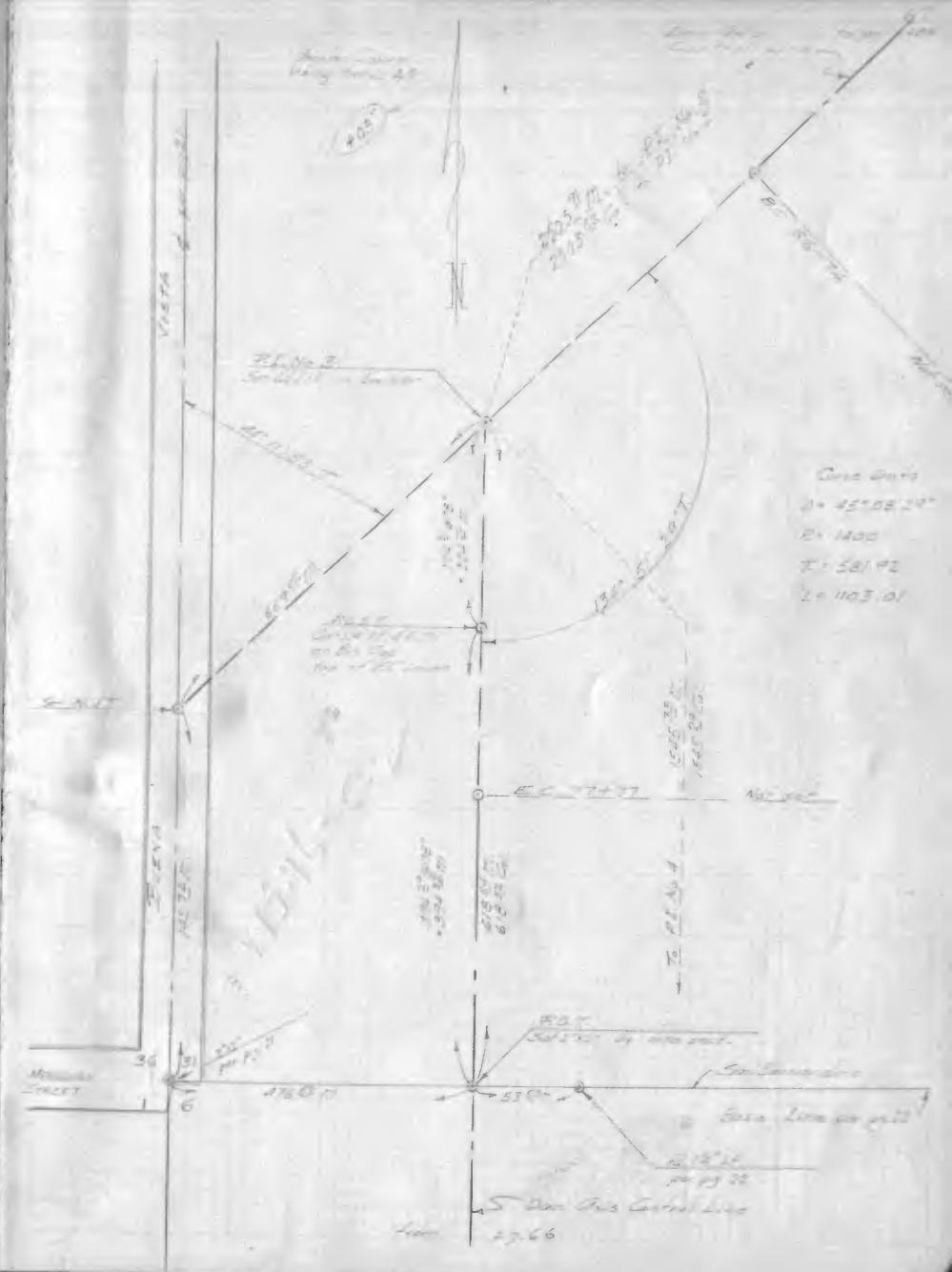
(2) 269-43-00

(3) 179-26-00 (R)

(4) 89-08-50

Mean: 134-51-27

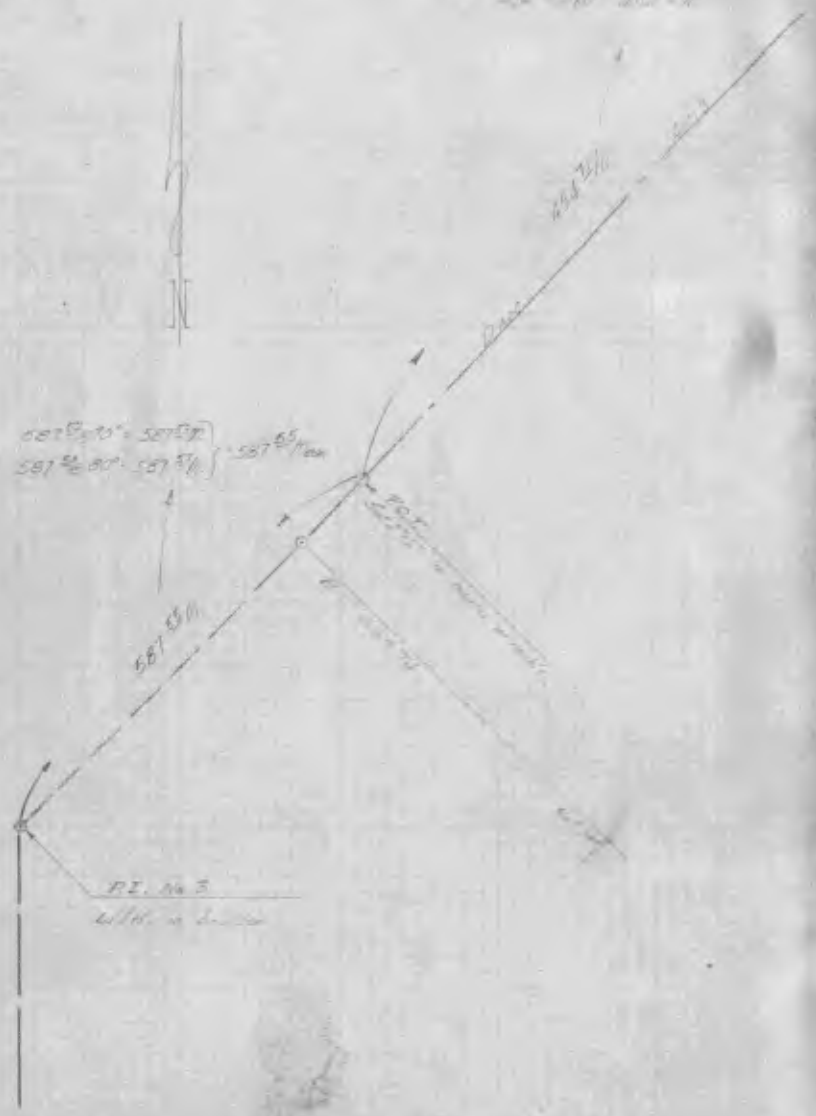
VOID.

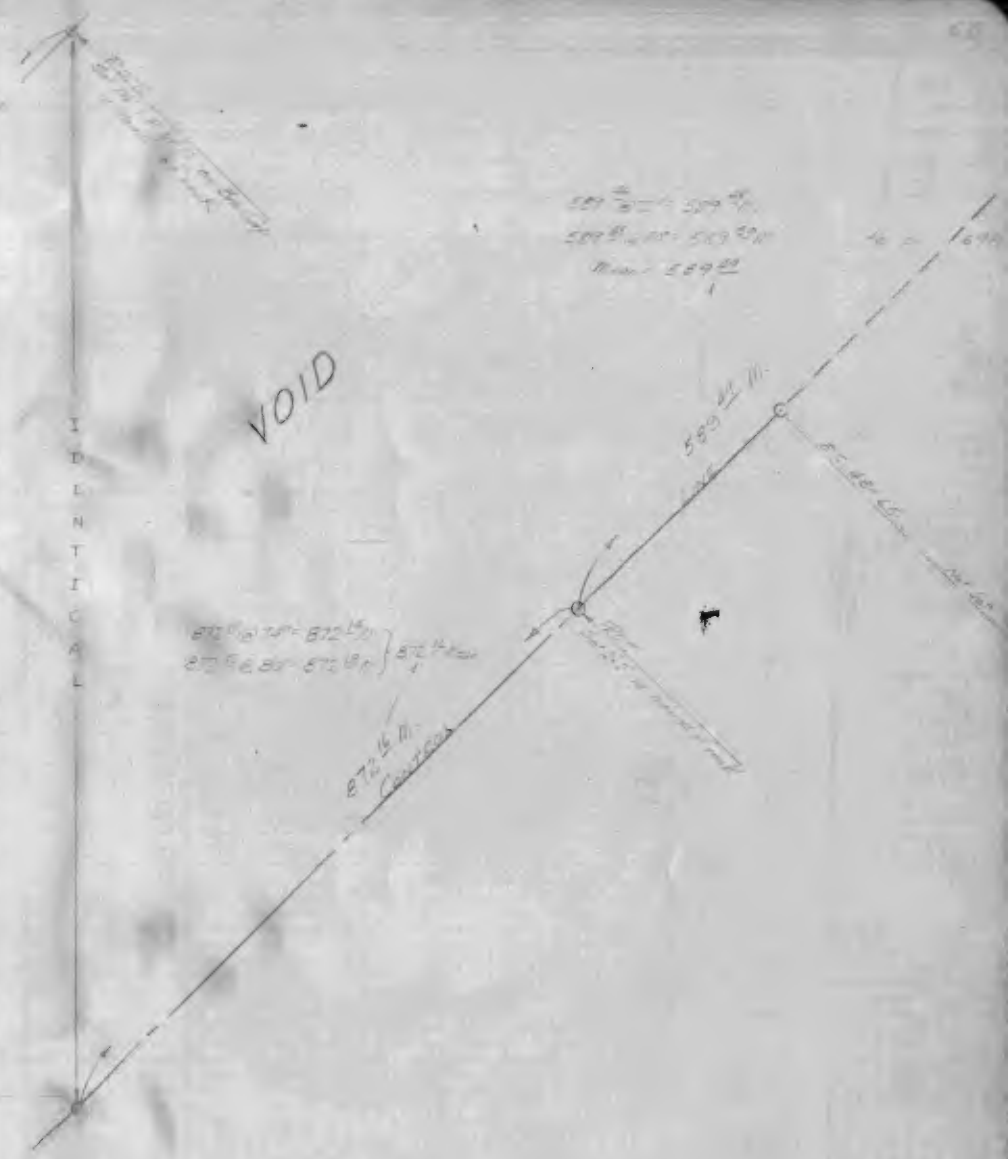


FB.1048-41

FB.1048-4

U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)



U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)

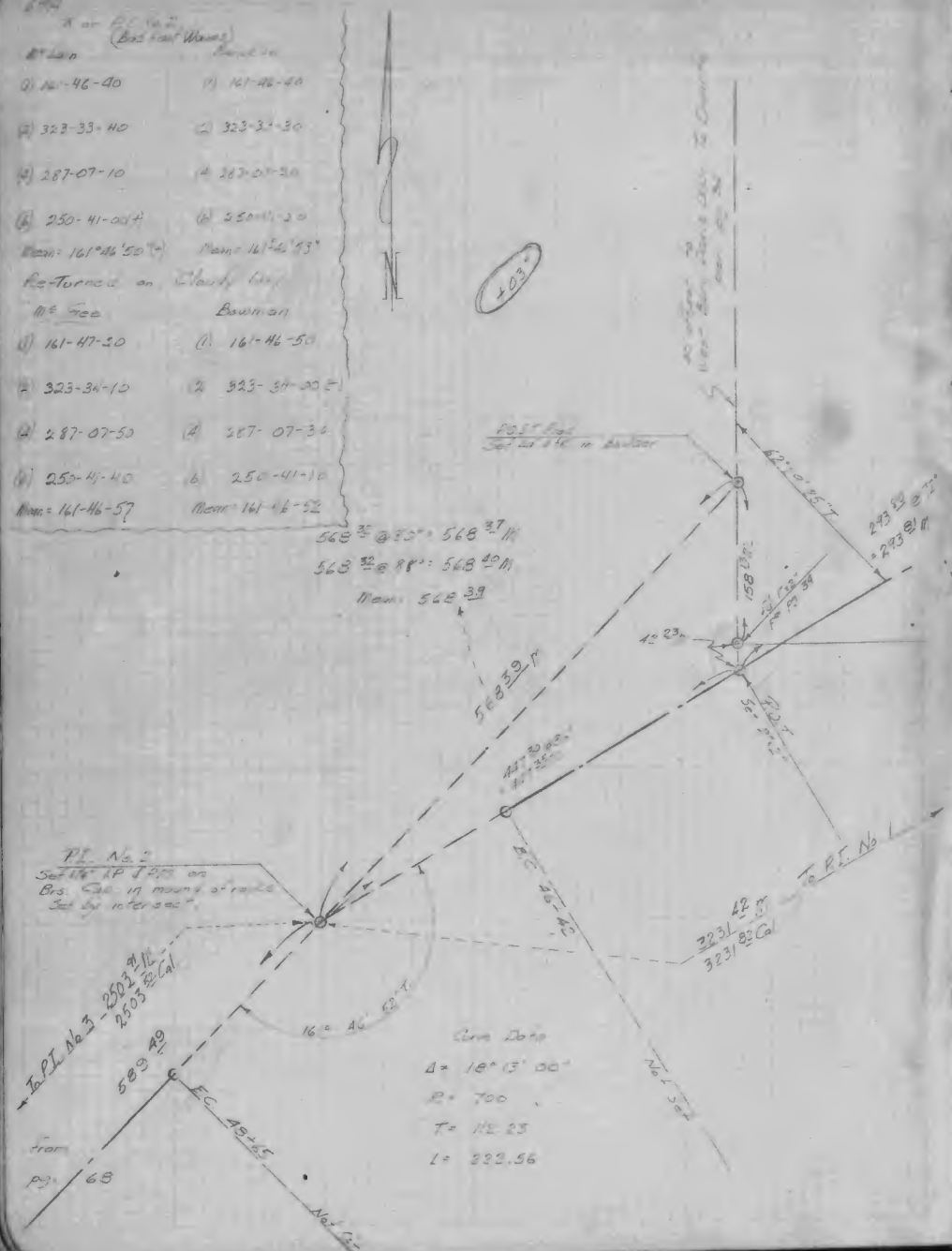


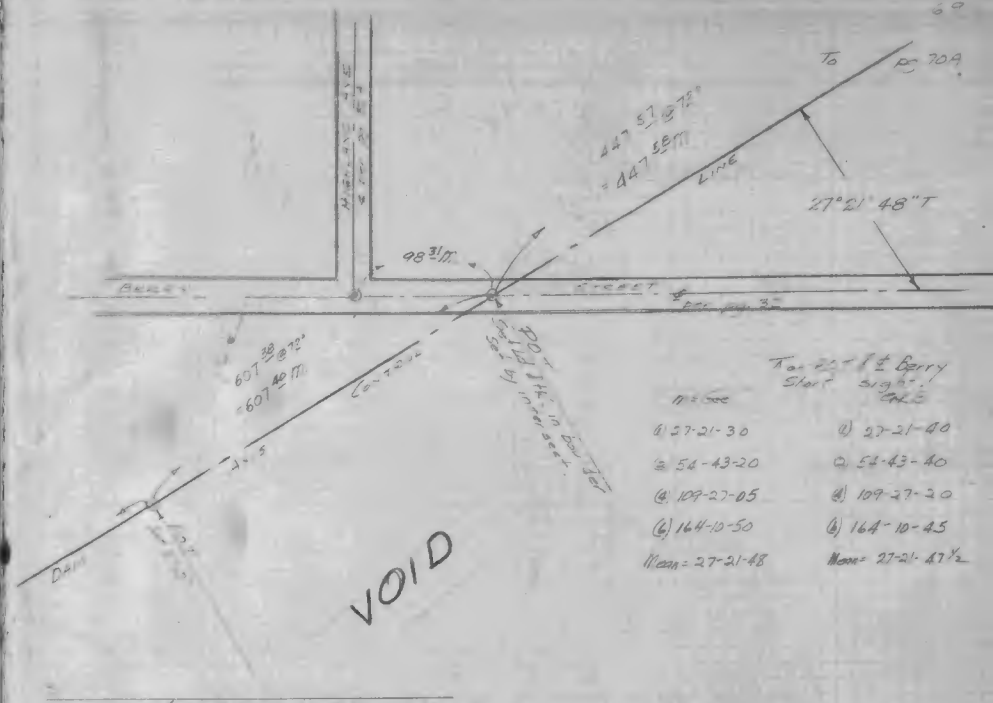
X or EC 16+00
(Bot Foot Warns)

| Bowman | Mc Gee |
|---|---|
| (1) 161-46-40 | (1) 161-46-40 |
| (2) 323-33-40 | (2) 323-34-30 |
| (4) 287-07-10 | (4) 287-07-20 |
| (6) 250-41-00 (+) | (6) 250-41-20 |
| Mean = 161°46'50" (+) | Mean = 161°46'43" |

Re-Turned on Clearly Line

| Mc Gee | Bowman |
|---|---|
| (1) 161-47-30 | (1) 161-46-50 |
| (2) 323-34-10 | (2) 323-34-00 (+) |
| (4) 287-07-50 | (4) 287-07-34 |
| (6) 250-41-40 | (6) 250-41-10 |
| Mean = 161-46-57 | Mean = 161-46-52 |




T on Berry Start sight Calc

| Mc Gee | Calc |
|---|---|
| (1) 27-21-30 | (1) 27-21-40 |
| (2) 54-43-20 | (2) 54-43-40 |
| (4) 109-27-05 | (4) 109-27-20 |
| (6) 164-10-50 | (6) 164-10-45 |
| Mean = 27-21-48 | Mean = 27-21-47½ |

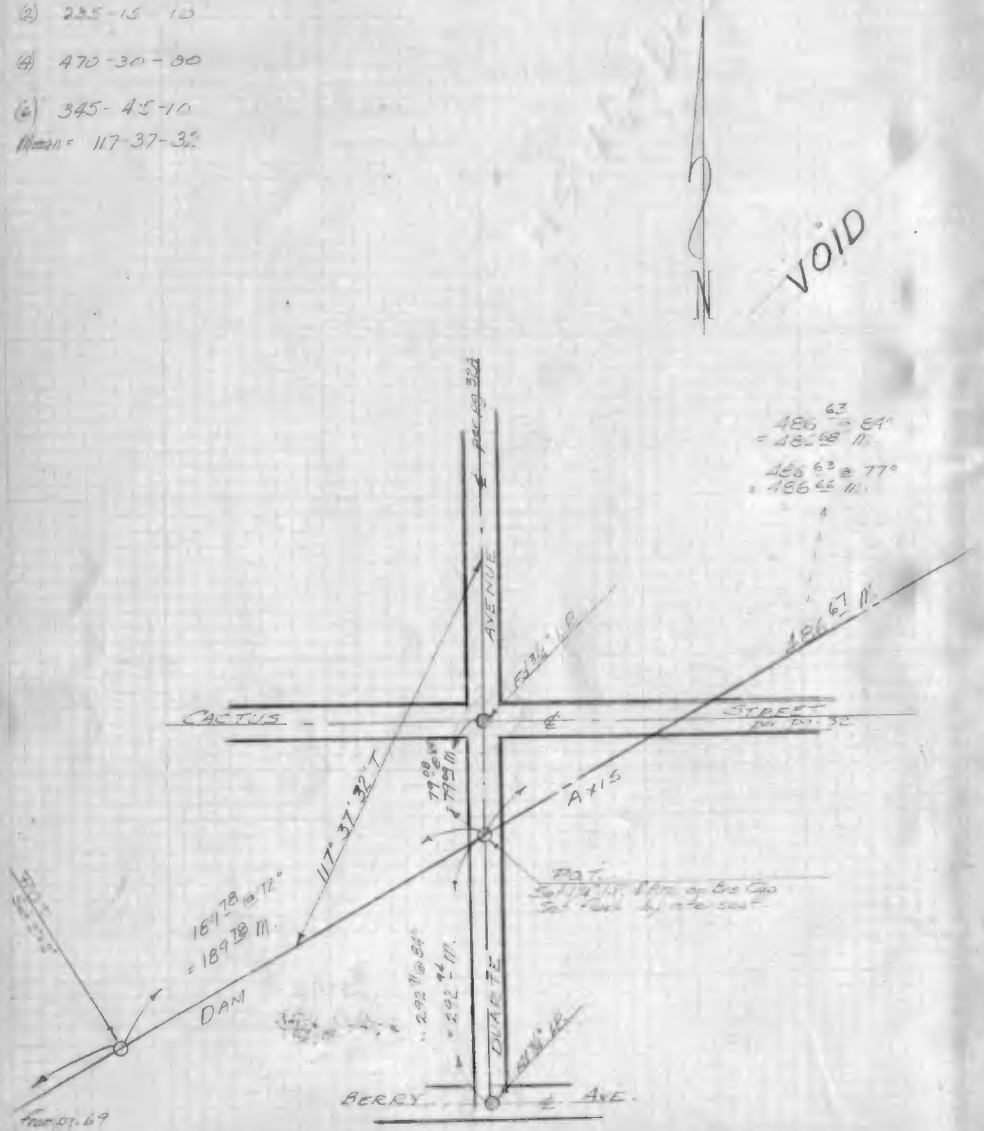
T on PST & Dr-Sec to Tie Line

| Mc Gee | Mc Gee | Calc |
|---|---|---|
| (1) 62-29-10 | (1) 62-29-10 | (1) 62-29-40 |
| (2) 124-59-40 | (2) 124-59-00 | (2) 124-59-00 |
| (4) 249-57-40 | (4) 249-57-25 | (4) 249-58-00 |
| (6) 374-56-30 | (6) 374-56-00 | (6) 374-56-40 |
| Mean = 62°29'25" | Mean = 62°29'20" | Mean = 62°29'27" |

U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)



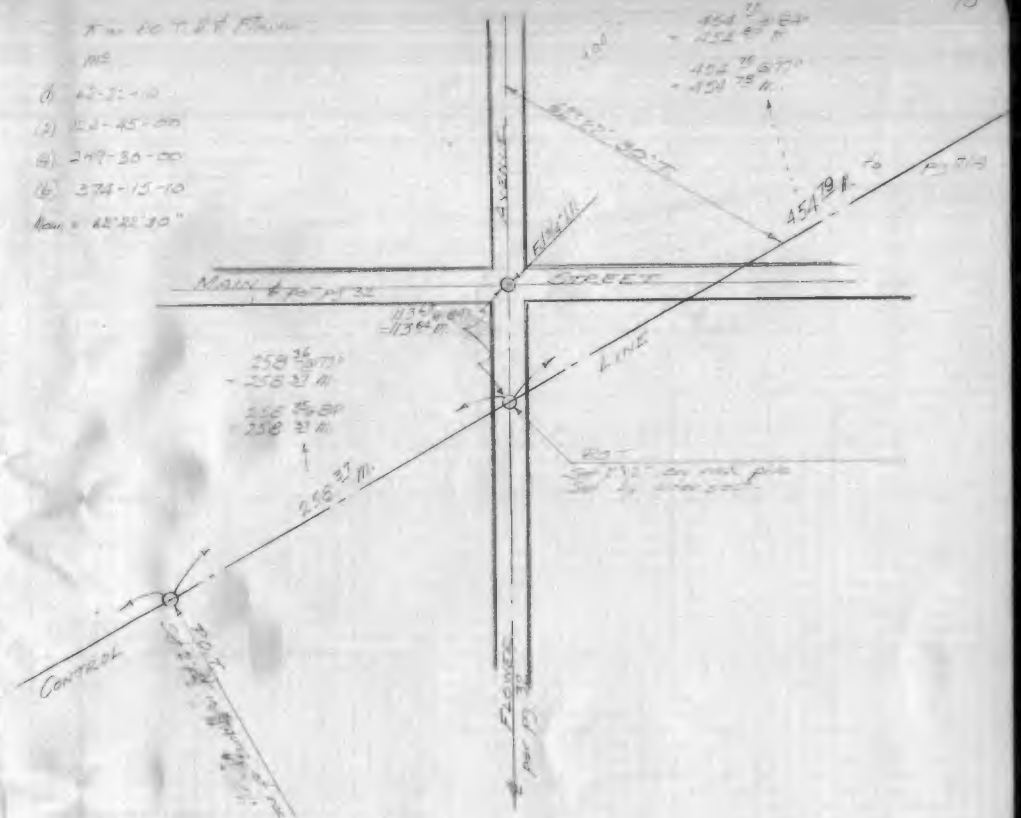
From PQT & Ref Quarter
Mag
(1) 117-37-20
(2) 235-15-10
(4) 470-30-00
(6) 345-45-10
Mean = 117-37-32




From ST. 69



From PQT & Ref Quarter
Mag
(1) 42-32-10
(2) 132-45-00
(4) 249-30-00
(6) 339-15-10
Mean = 42°32'30"



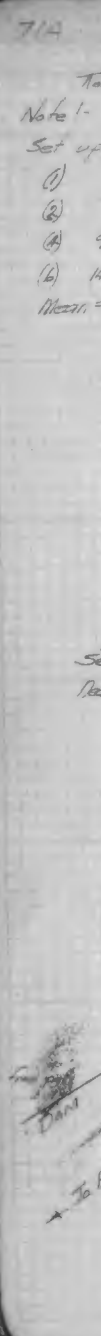
U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)

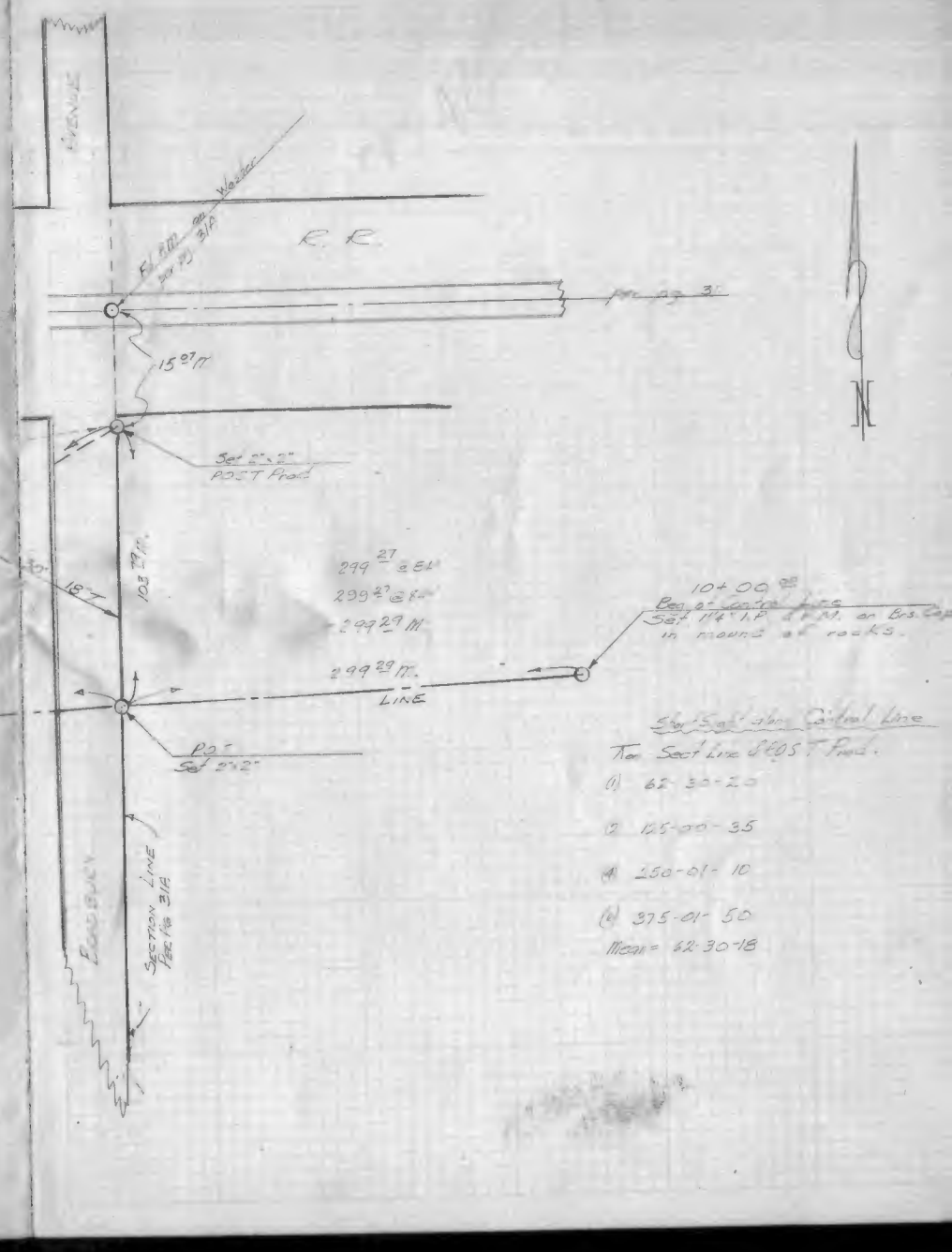


Ten PI No 1

Note 1- This angle may not be accurate
Set up of instrument not rigid & short sights

(1) 23-56-00
(2) 47-52-20
(4) 95-45-05
(6) 143-38-00
Mean = 23°56'20"±



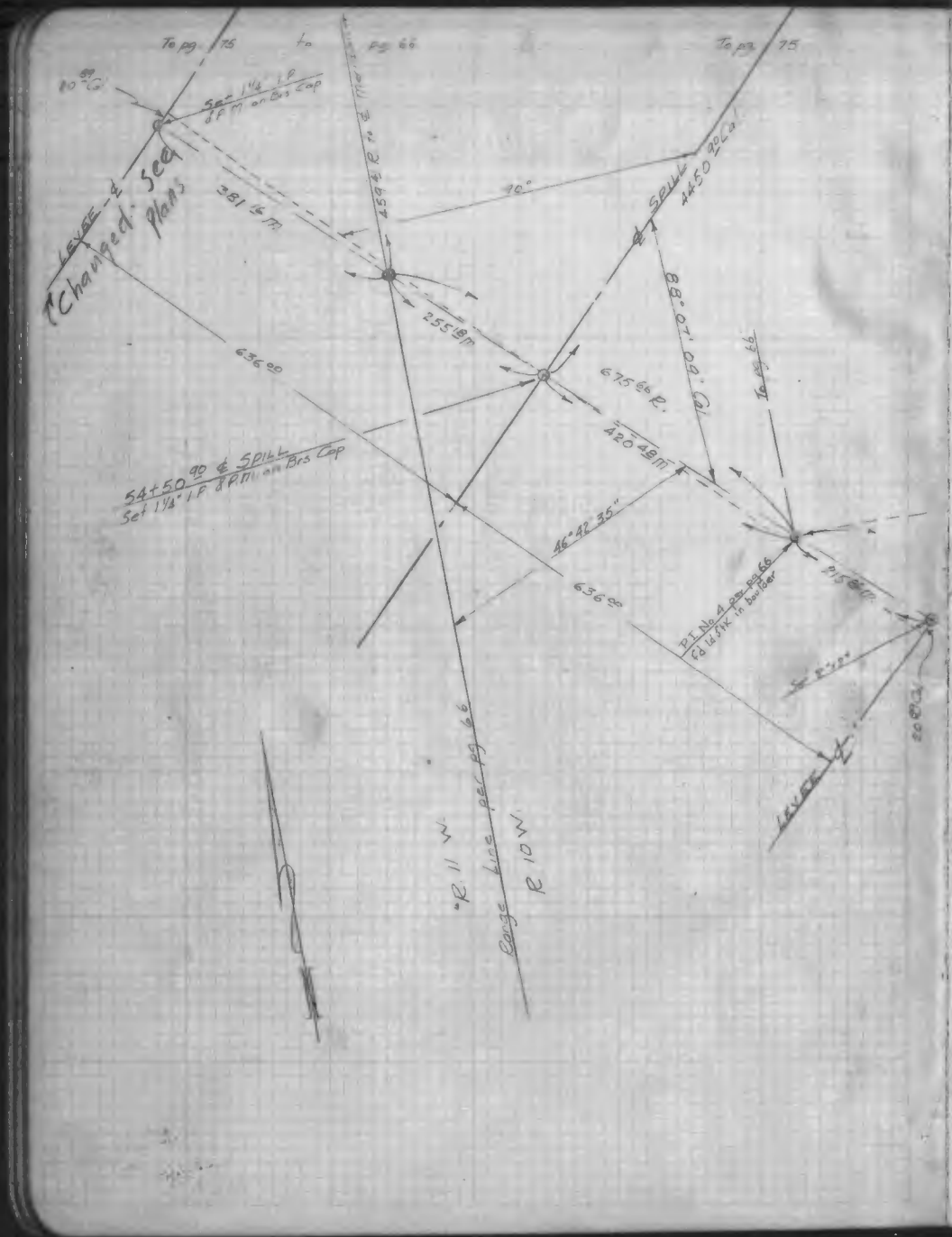



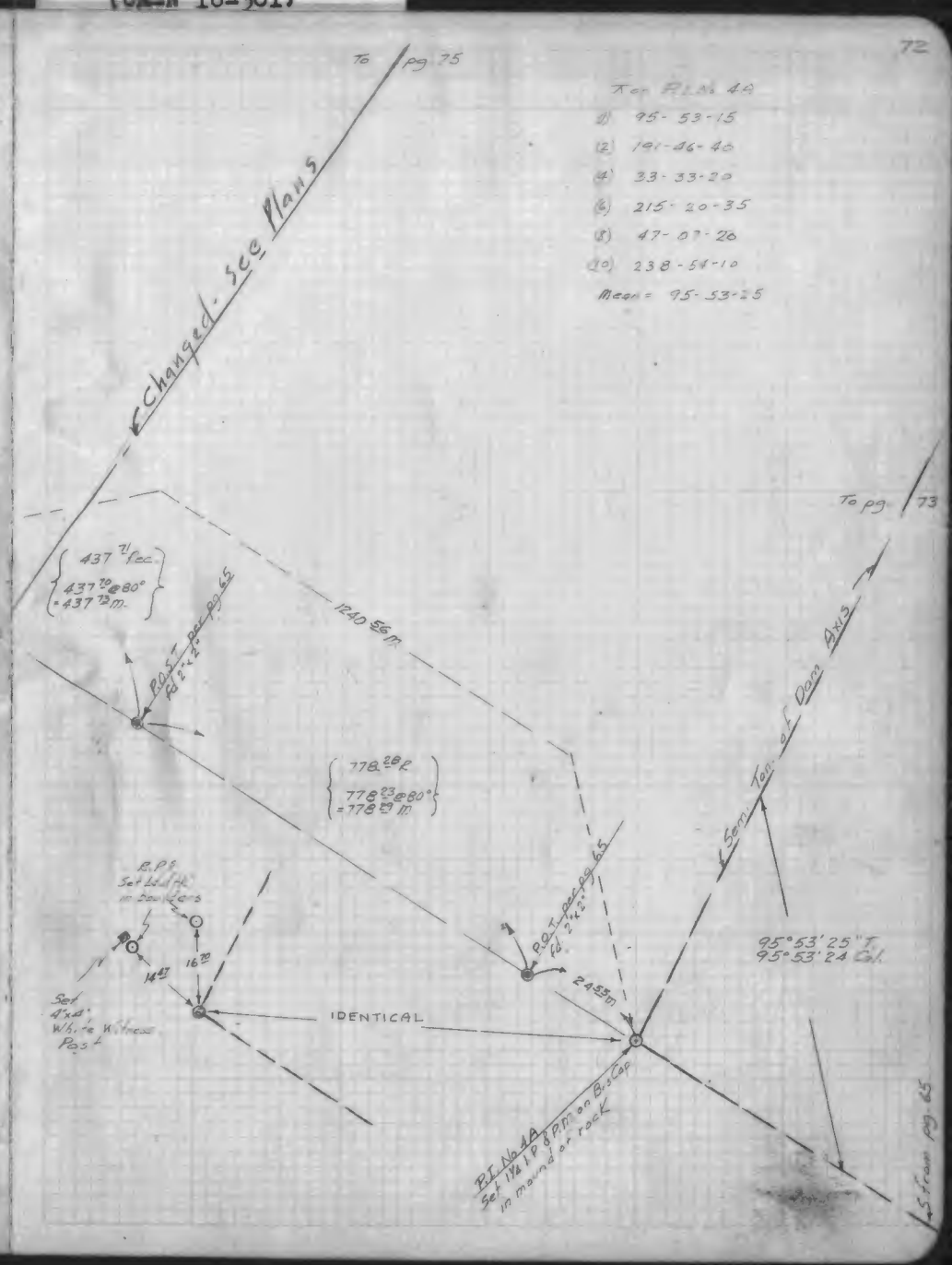

Shot Sect Line Control Line

Ten Sect Line S of POST Prod.

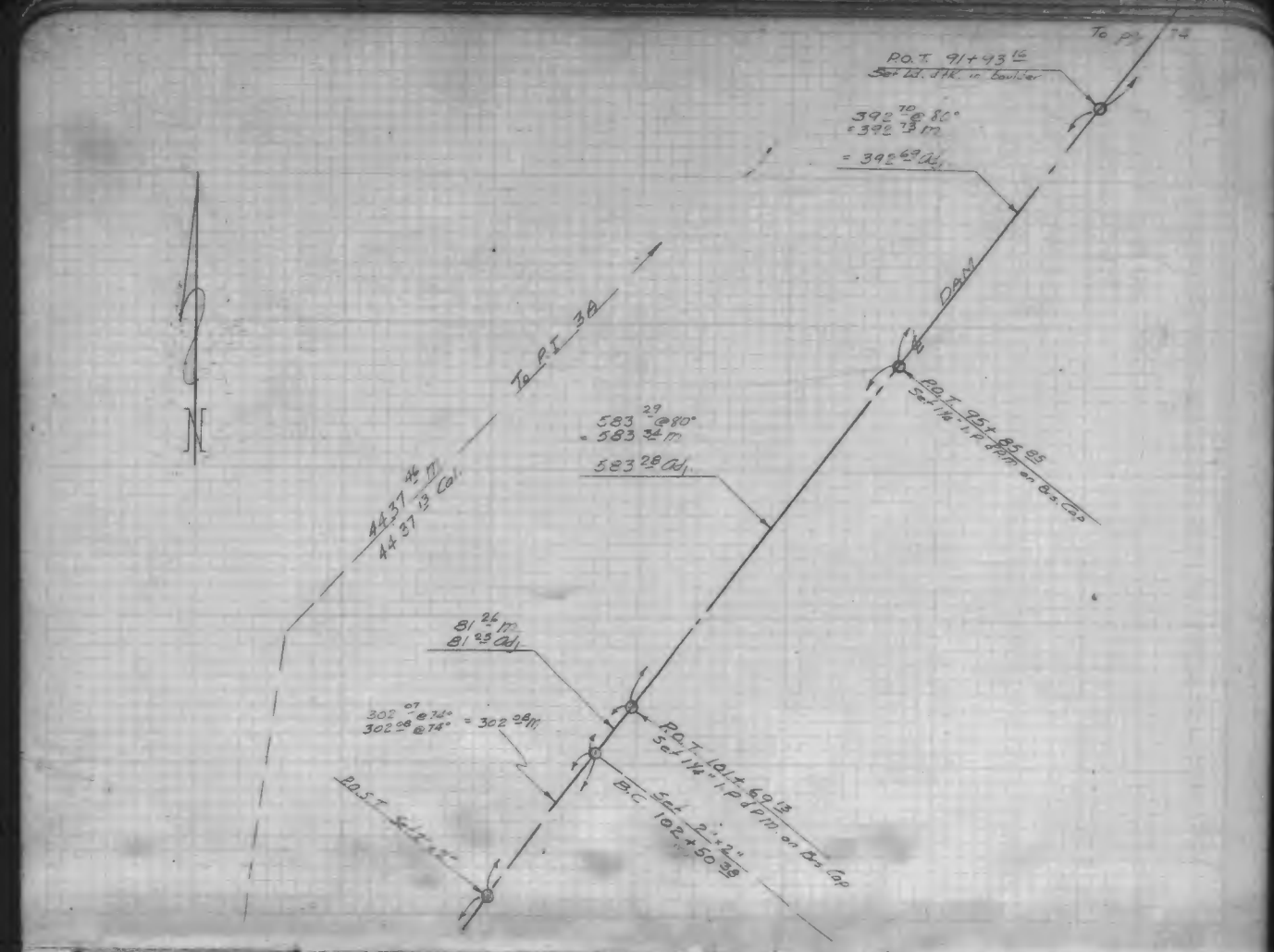
(1) 62-30-20
(2) 125-00-35
(4) 250-01-10
(6) 375-01-50
Mean = 62-30-18

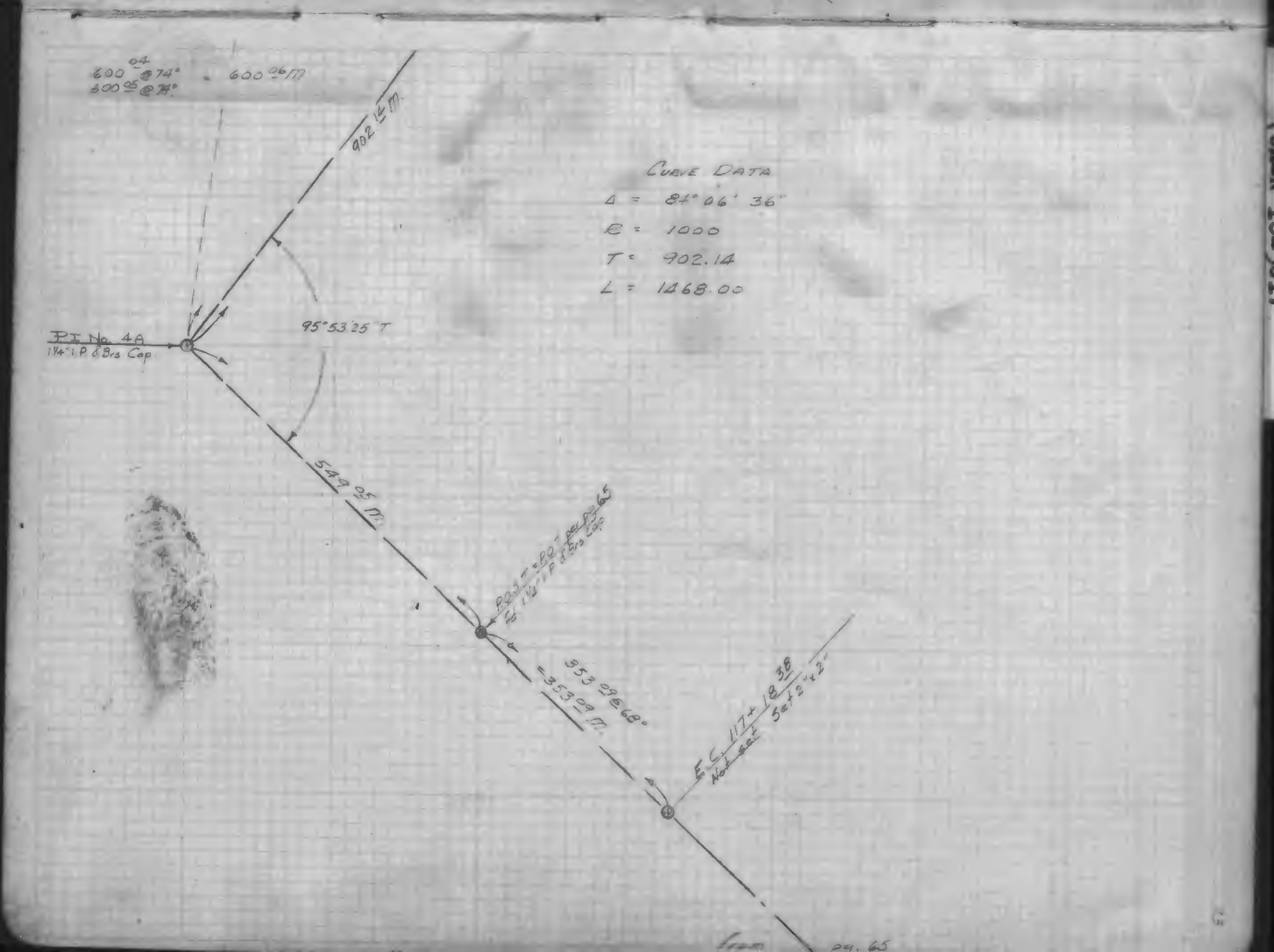
U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)



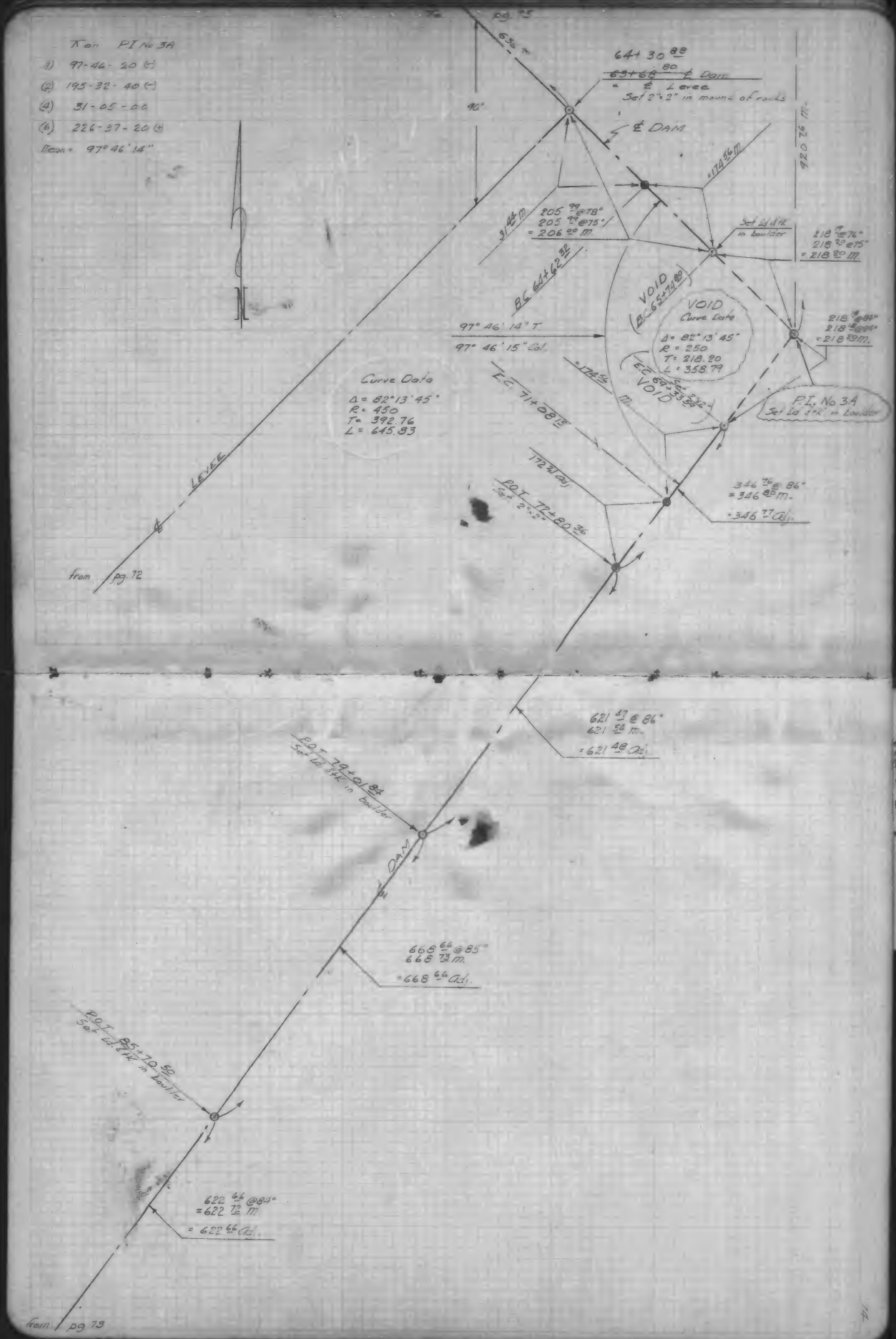
F.B.1048-51




U.S. ENGRS.F.B.-S.F. 61
(CA_N 16_301)

F.B.1048-




U.S. ENGRS. F.B.-S.F. 61
(CAN 16-301)

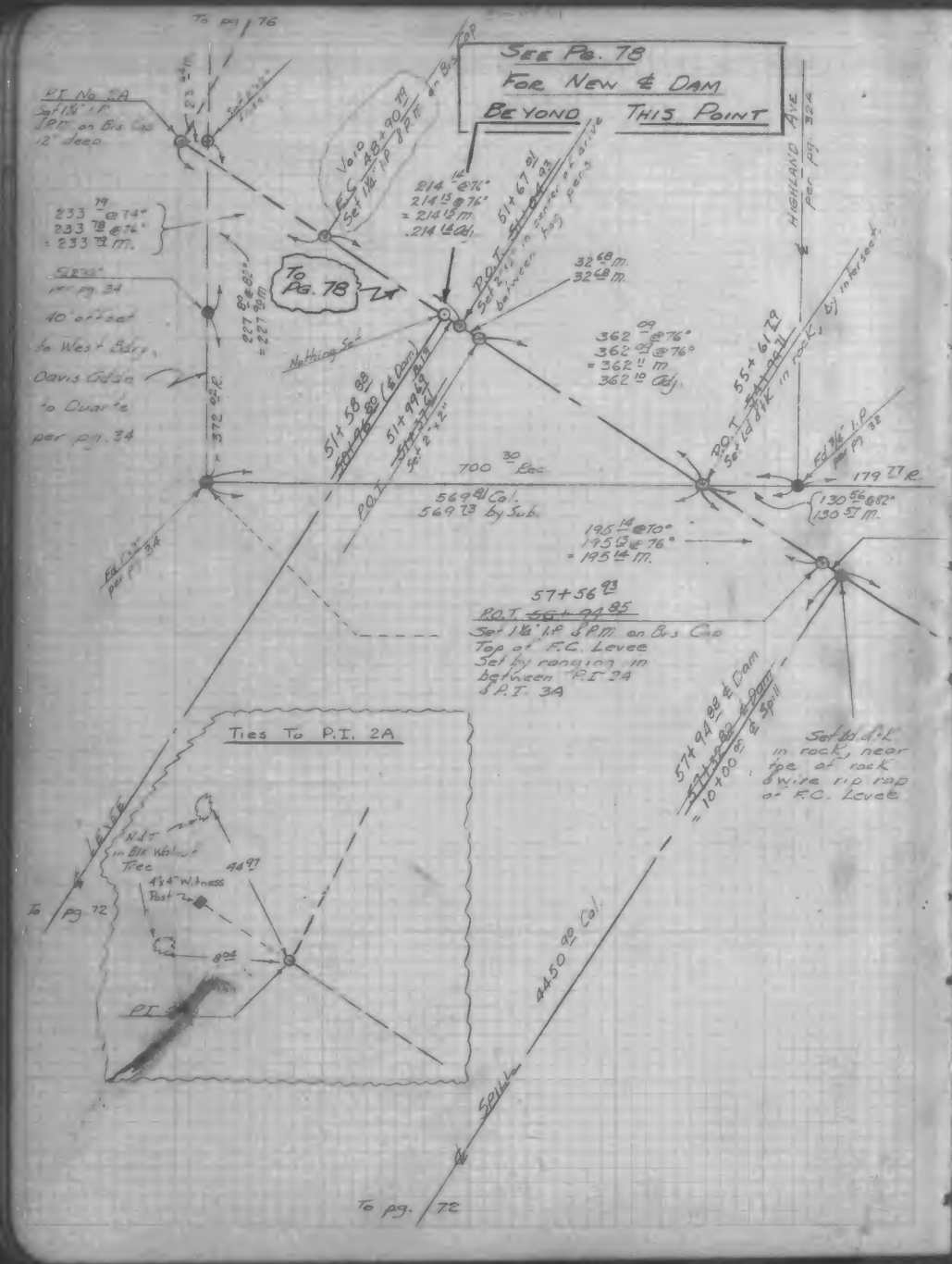
FB.1048-53

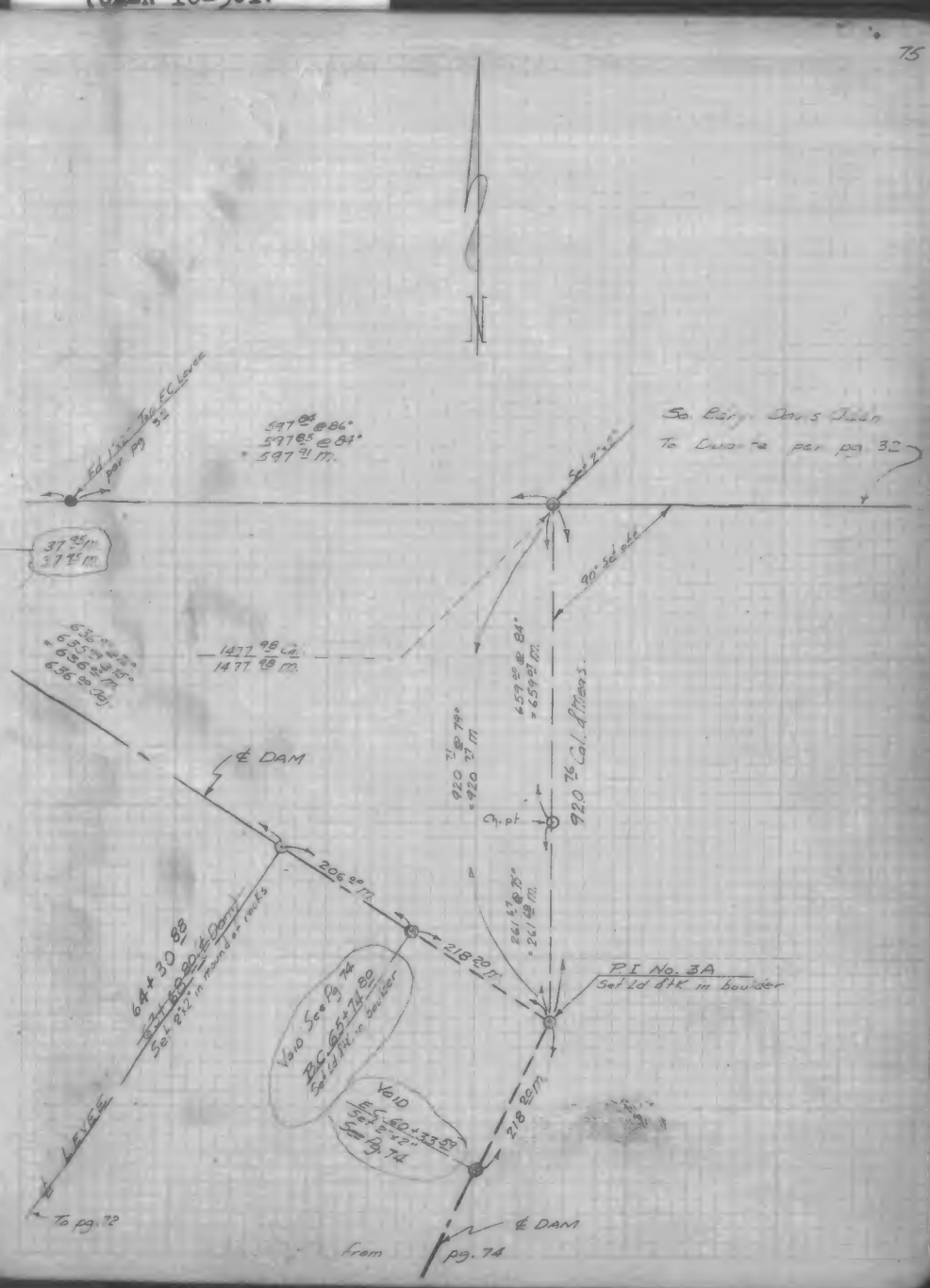
FB.1048-53

F.B. 1048-5

U.S. ENGRS. F.B.-S.F. 61
(CA-N 16-301)





FB.1048-

U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)

A. T. and S. F.

℄ per pg. 32

Fd. 2"x2" per pg. 34

Fd. Spk. Tkly per Pg 32A

P.I. No 1A
Set 1¼" I.P. & Brs Cap 3' deep

Set 4"x4" White Witness Post

Fd 1"x1" per pg. 34

124 ⁹⁄₁₆° = 124.32 m

280 m

48°

18 m

134°58'53" Cal
134°58'30" T

Curve Data
Δ = 45°01'07"
R = 300
T = 124.32
L = 235.12

Void
P.C. 39+61 76
Set 2"x2"

Fd ¾" I.P. per Pg. 32A

77°41'02"

Set 2"x2"

664 ⁵⁰⁄₁₀₀ Cal from offset
664 ⁷⁸⁄₁₀₀ Adj.
664 ⁵⁰⁄₁₀₀ Cal WJL
℄ DAM

48 m Cal.

MAIN ST
℄ per Pg. 32

664 ⁵⁰⁄₁₀₀ Cal

289 ⁸⁶⁄₁₀₀ = 289 ⁸⁶⁄₁₀₀ m.

Set 2"x2"

Set 2"x2"

℄ DAM 664 ⁵⁰⁄₁₀₀ Cal

48' offset

3° Cu

Curve Data
Δ = 86°09'43"
R = 250
T = 233.79
L = 375.95

93°50'17" Cal
93°50'30" T

Void
P.C. 48+09 75
per Pg 77

E.C. 50+75 84
Set 2"x2"
See Pg. 78

To Pg 78

℄ DAM

HIGHLAND AVE
℄ per Pg. 32

Fd 1"x1" per pg 34

40' offset to West Bdy. Davis Addn. To Duarte per pg. 34

π on PI 2A

(1) = 93°50'40"

(2) = 187-41-00

(4) = 15-22-00 (+)

(6) = 203-03-00 (-)

Mean = 93°50'30"

from pg. 75

π on offset PI 1A

(1) = 134°58'40" (-)

(2) = 269°57'10"

(4) = 179°54'00"

(6) = 89 51-00

Mean = 134°58'30"

π on ℄ Highland & 48 offset to Dam Cyl.

(1) 93-41-10

(2) = 187-22-10

(4) = 14-44-00

(6) = 202-06-10

Mean = 93°41'02"

Short Sights!
(1) 93-33-30
(2) 187-06-50
(4) 14-14-10
(6) 201-21-10
Mean: 93-33-32

R.R.

P.O.T. 21+13 76
Set 1¼" I.P. & Brs Cap
Top FC Levee

Set 1¼" I.P. & Brs Cap

Calc WJL

65
47 Adj. WJL
1083 ⁶²⁄₁₀₀ Cal
1083 ⁶²⁄₁₀₀ Cal from Meas. Dist

Calc WJL

℄ DAM
for offset

Set 2"x2"
by intersect

STREET

375 ⁴⁸⁄₁₀₀ Cal
375 ⁴⁸⁄₁₀₀ m.

48' offset line
Est. offset line from Cal. points on ℄ Highland and Sect on Line

93°41'30"

1014 ⁷⁶⁄₁₀₀ Cal
= 1014 ⁷⁶⁄₁₀₀ m.

℄ per Pg 32

DUARTE AVE
℄ per Pg 32A

Fd 3/4" per Pg 32A

Fd 3/4" per Pg 32

Fd 3/4" per Pg 32

Fd 3/4" per Pg 31A

Set 1¼" I.P. & Brs Cap in mound of rocks

Bdy. of Dam
10+55 59

Fd 2"x2" per Pg. 71

93°33'32" T

18+64 58
P.O.T. 18+10 88

Set 2"x2"
33°41'20" T

318 23 60"
= 318 21 m

MAIN ST
℄ per Pg 32

Set 2"x2" Top FC Levee

Fd 3/4" I.P. per Pg 32

℄ Dam

48 offset

3° Cu

π on ℄ Duarte & 48 offset to ℄ Dam

(1) = 93-41-40

(2) 187-23-20

(4) 14-46-00

(6) 202-09-10

Mean = 93°41-32
Used 93 41-30

East Bdy. Davis Addn. To Duarte

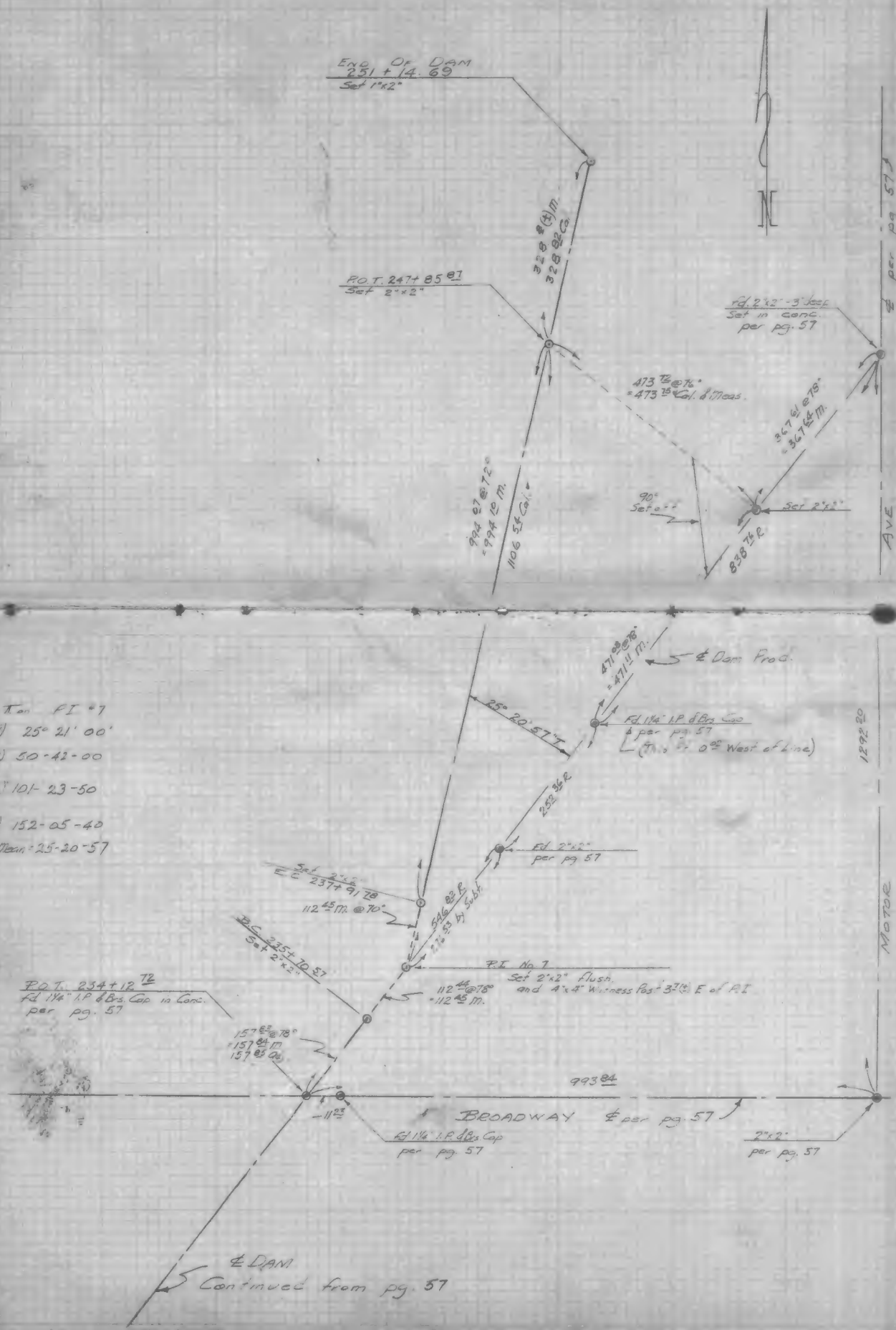
Sect Line of East Bdy. Davis Addn. To Duarte per Pgs 31A, 32 & 71

SEE PG 78
FOR NEW ℄ DAM
FROM ℄ HIGHLAND
TO E.C 50+75 84

Penman
Jones π
Brown
Jolly
Richards

12/4/40
Warm - Clear

FB.1048-59



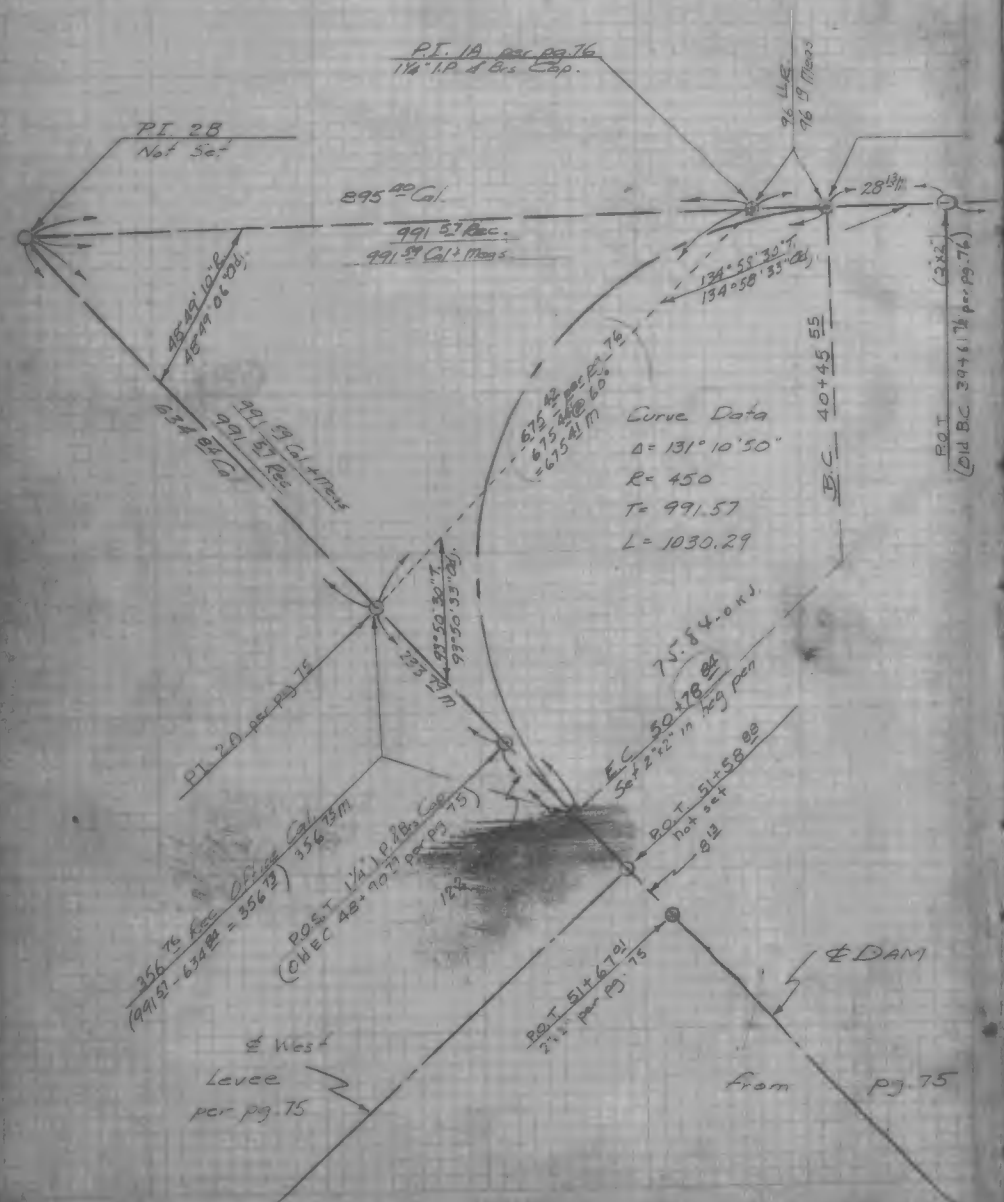

Tan PI #7
(1) 25° 21' 00"
(2) 50-42-00
(4) 101-23-50
(6) 152-05-40
Mean = 25-20-57

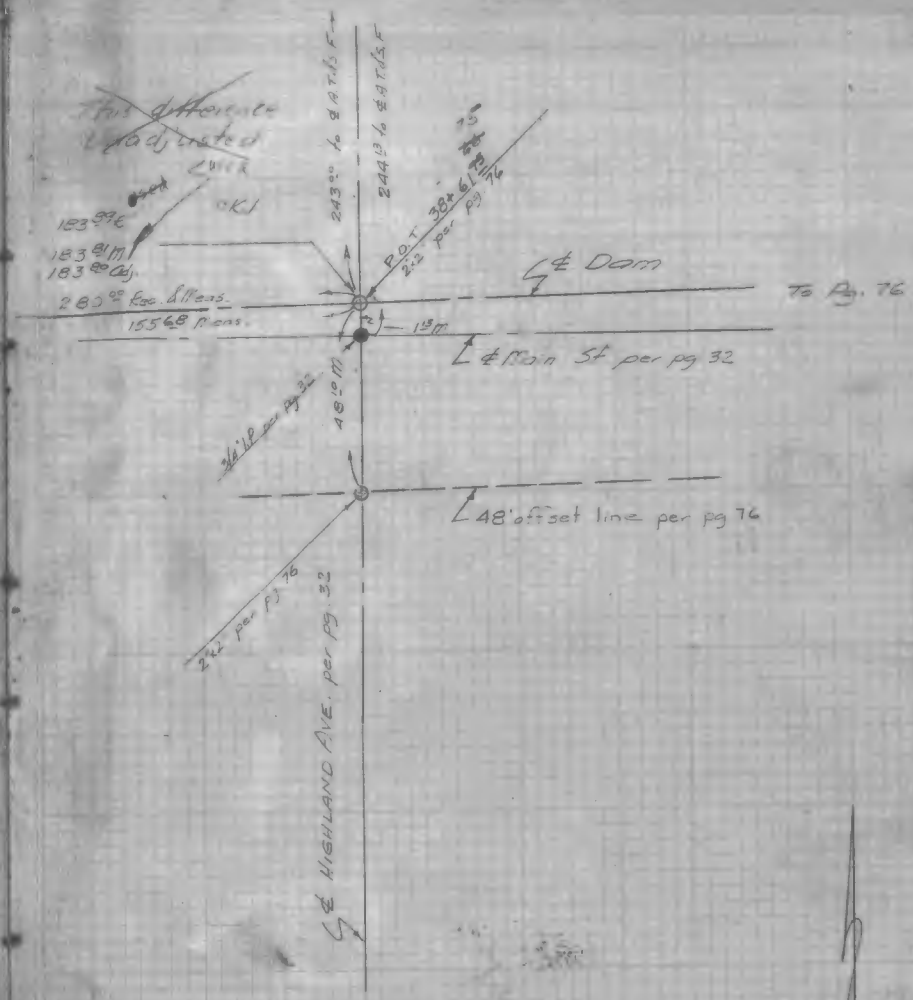
U.S. ENGRS. F.B.-S.F. 61
(CA-N 16-301)

FB.1048

U.S. ENGRS.F.B.-S.F. 61
(CA-N 16-301)





F.B.1048-63

F.B.1048-64

U.S.ENGRS.F.B.-S.F.62
(CA- N 16 -302)

Right of Way Survey
for
Santa Fe Dam

Legend
● = Points Found
● = Points Set
Street

Tape Std. for Temp. of 68°
A.O.E transit # 69322.

1-13-41 to 2-4-41
Battle - Notes
St. Jean - T
Maynard - HE
Richards - HE
Stout - HE

U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)

To Bottom pg 14A

To B.C.L.P.

1427.25 @ 67° = 1427.24
1427.24 @ 70° = 1427.24
Mean = 1427.25

Section

2

36

8

Old ℄ Duarte Road

20' 20'

Fd. nothing - Set 2"x2" Redwood hub with nail flush with pavement - See C.S. F.B. 521 - pg. 164 - by inter section

1-89° 38' 20"
2-179° 17' 00"
4-358° 34' 00"
6-177° 50' 40"
Mean - 89° 38' 20"
30

1-270° 21' 40"
2-180° 43' 00"
4- 1° 26' 20"
6-182° 08' 50"
Mean: 270° 21' 28"
30

Buena Vista St

Fd. 2"x2" hub with nail - see Bk CA-N16-301 - Santa Fe Dam R/W - pg 34A

℄ of Duarte & Buena Vista St.
Fd. 3/4" I.P. - see C.S.F.B. 521 - pg. 170.
see detail - Bk. CA-N16-301 - Santa Fe Dam - R/W - pg 34A.

Tie to Section Corner from ℄ Pt. in Buena Vista

Fd. spike, tin & washer C.S. Map # 81-1 - Removed spike & fd. 6" pointed granite stone 15" deep which had indications of being an orig. real Section Corner - Reset 2"x2" Redwood hub with tack flush with pavement

Section Corner
25 30
36 31
No Monument

Central Ave

1-1320.71 @ 62° = 1320.66
2-1320.70 @ 58° = 1320.62
Mean = 1320.6

1-179° 58' 20"
2-359° 57' 00"
4-359° 53' 20"
6-359° 50' 20"
Mean - 179° 58' 31"
26

1-180° 01' 20"
2-360° 03' 00"
4-360° 06' 00"
6-360° 08' 50"
Mean - 180° 01' 31"
34

A. T. & S. F. R.R.

Apt. is here on Lot Line. See C.S. F.B. 521-166 O.K.J.

Duarte Road

℄ Buena Vista St. Produced For detail of this area see Bk. CA-N16-301 - Santa Fe Dam R/W - pg 34A

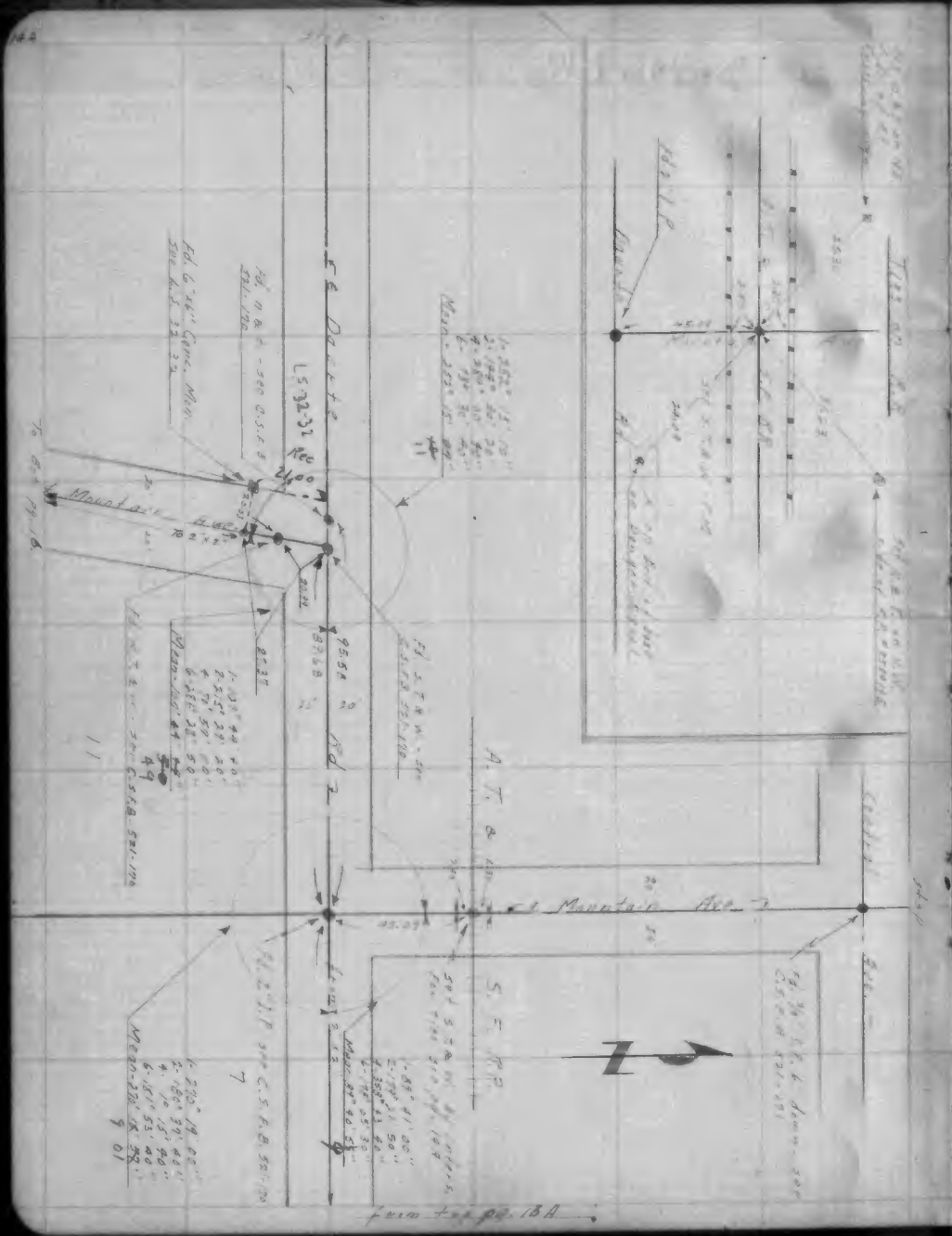
℄ Pt. in Buena Vista St.
Fd. 4"x4" post 6" under surface - No tack - Set nail, tin & brass washer - Also set 2"x2" hub with nail, tin & brass washer flush with pavement - See Bk. CA-N16-301 - Santa Fe Dam R/W pg. 34A

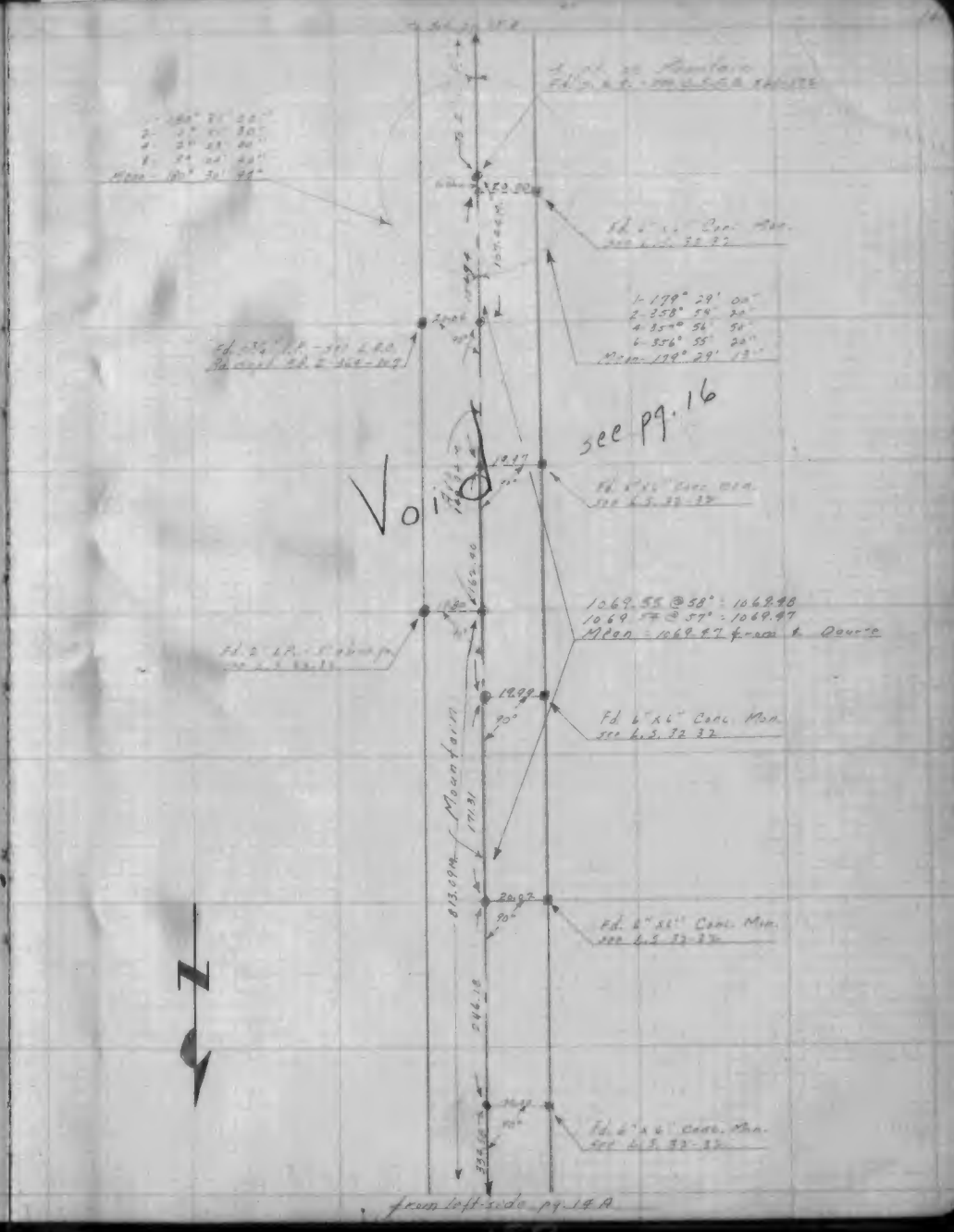
℄ Duarte Rd. & Buena Vista St.
Fd. 3/4" I.P. See Bk. CA-N16-301 Santa Fe Dam R/W - pg. 34A

Buena

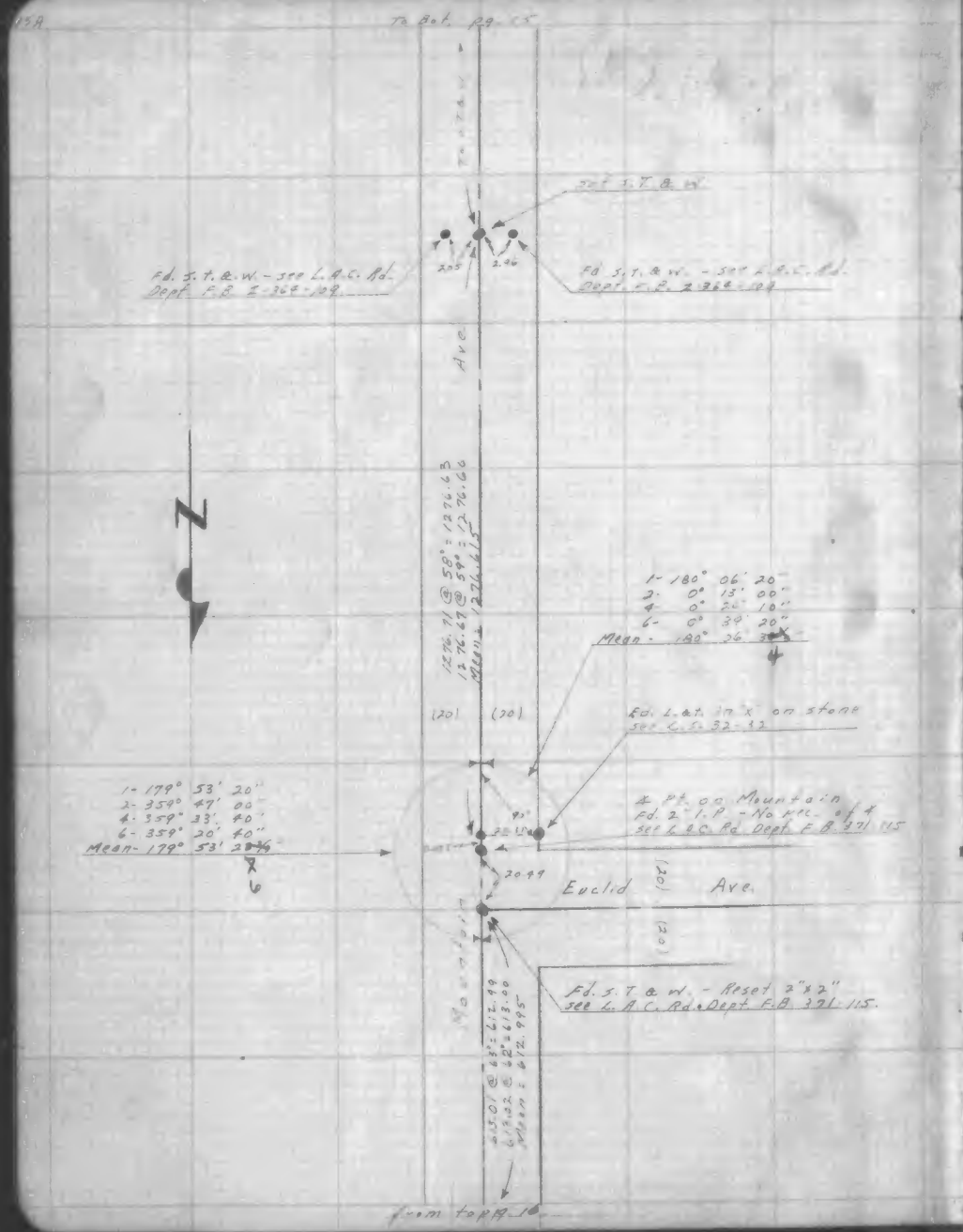
Fd. 2"x2" hub with nail - See Bk. CA-N16-301 - Santa Fe Dam R/W - pg 34A

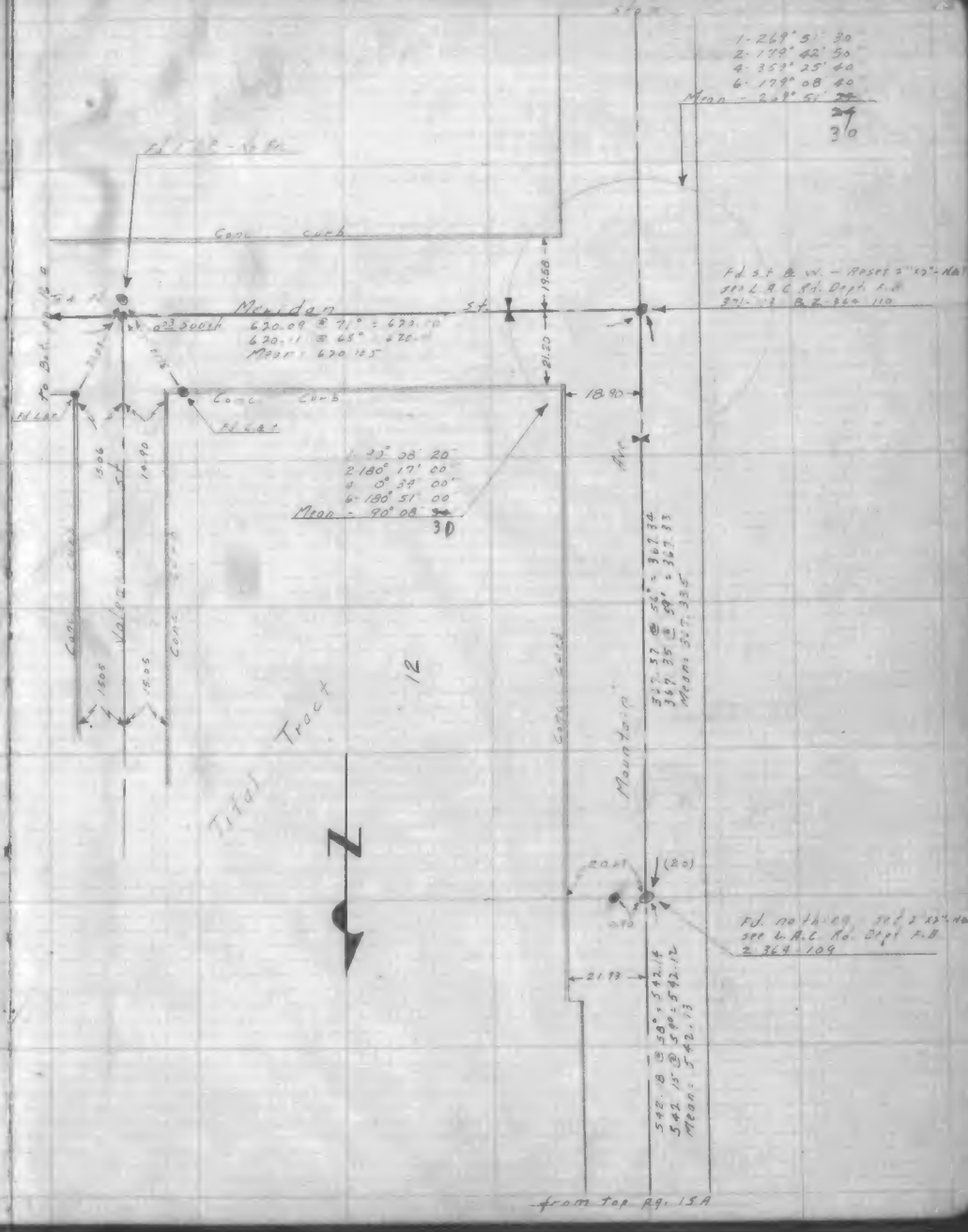
U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)



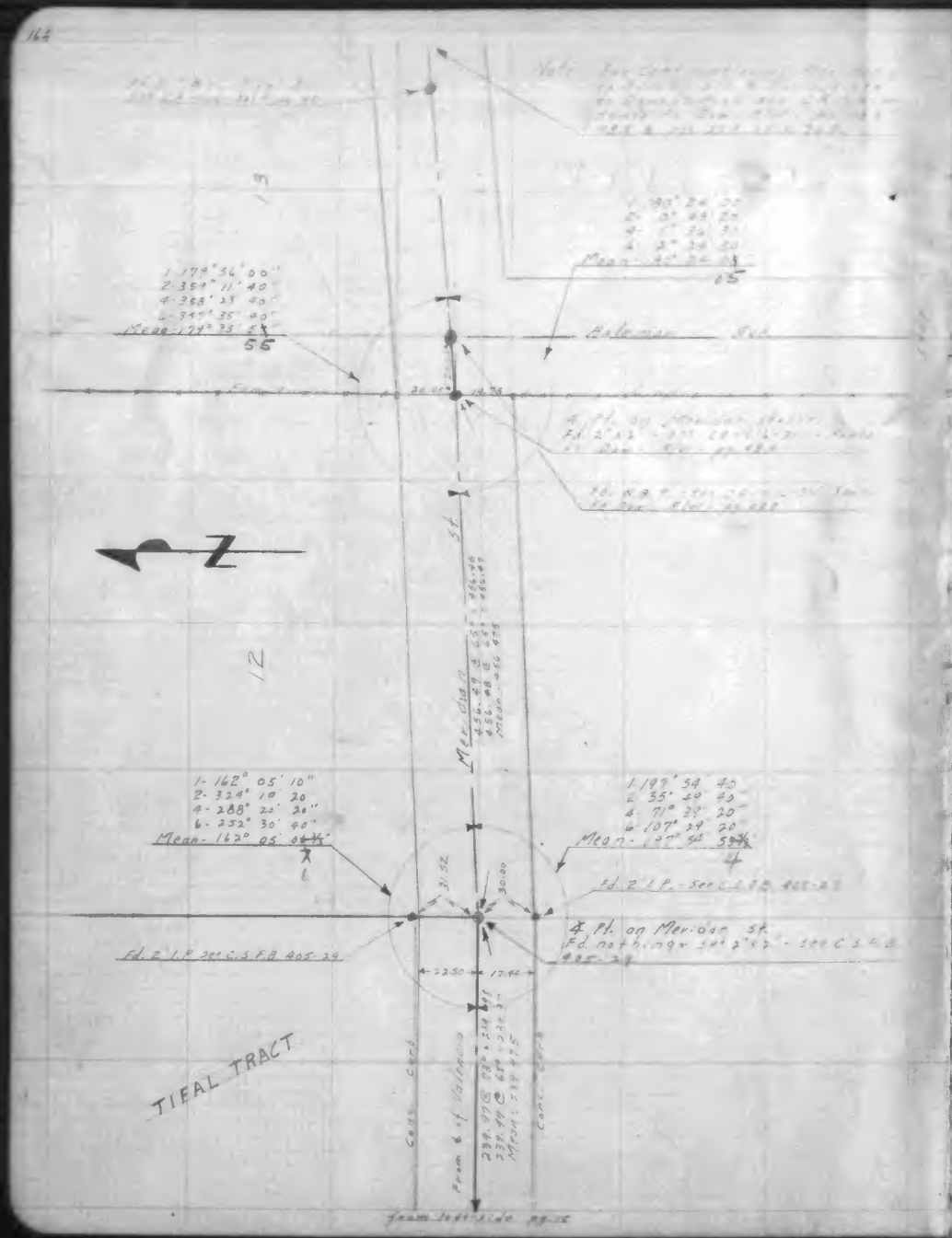
U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)

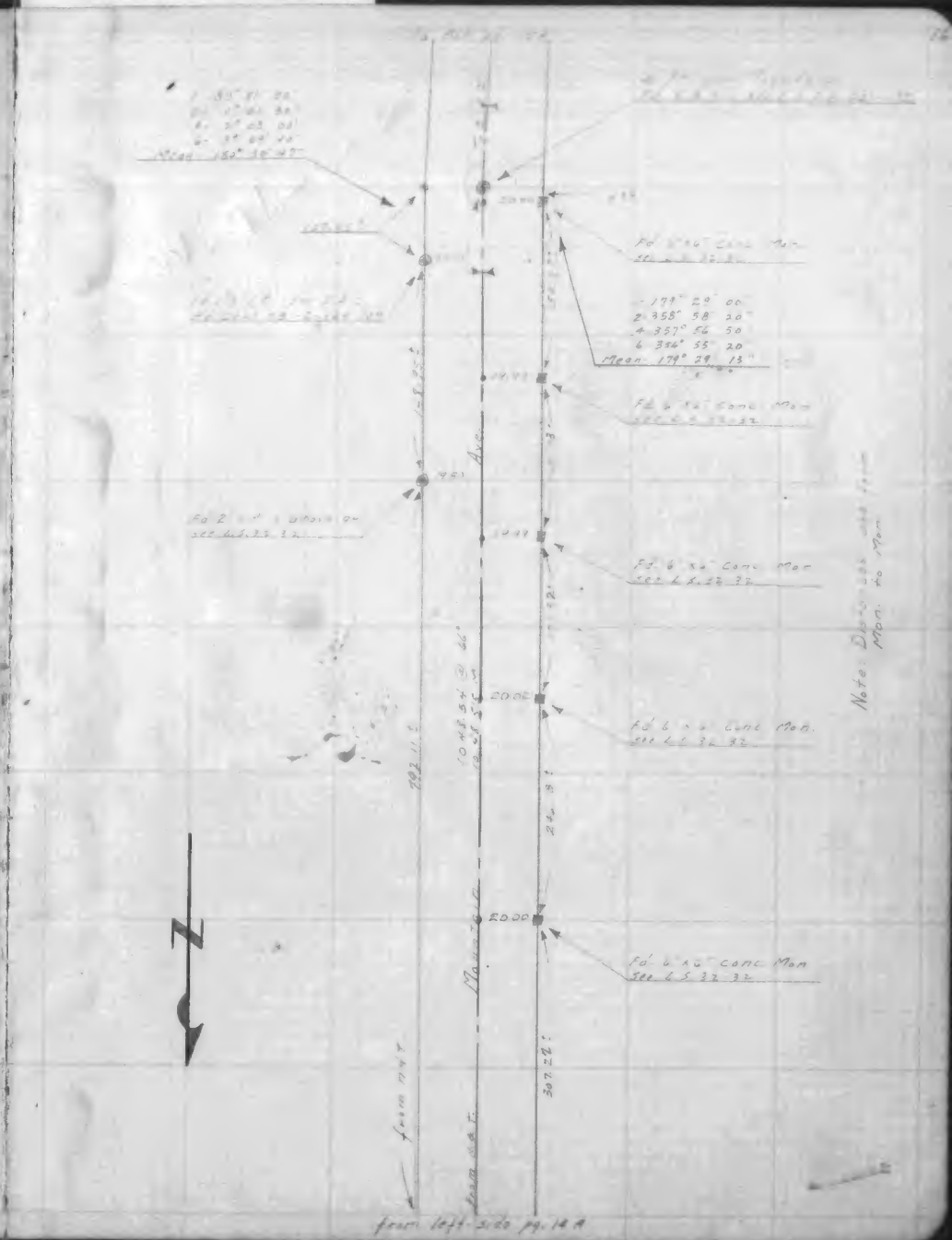


U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)



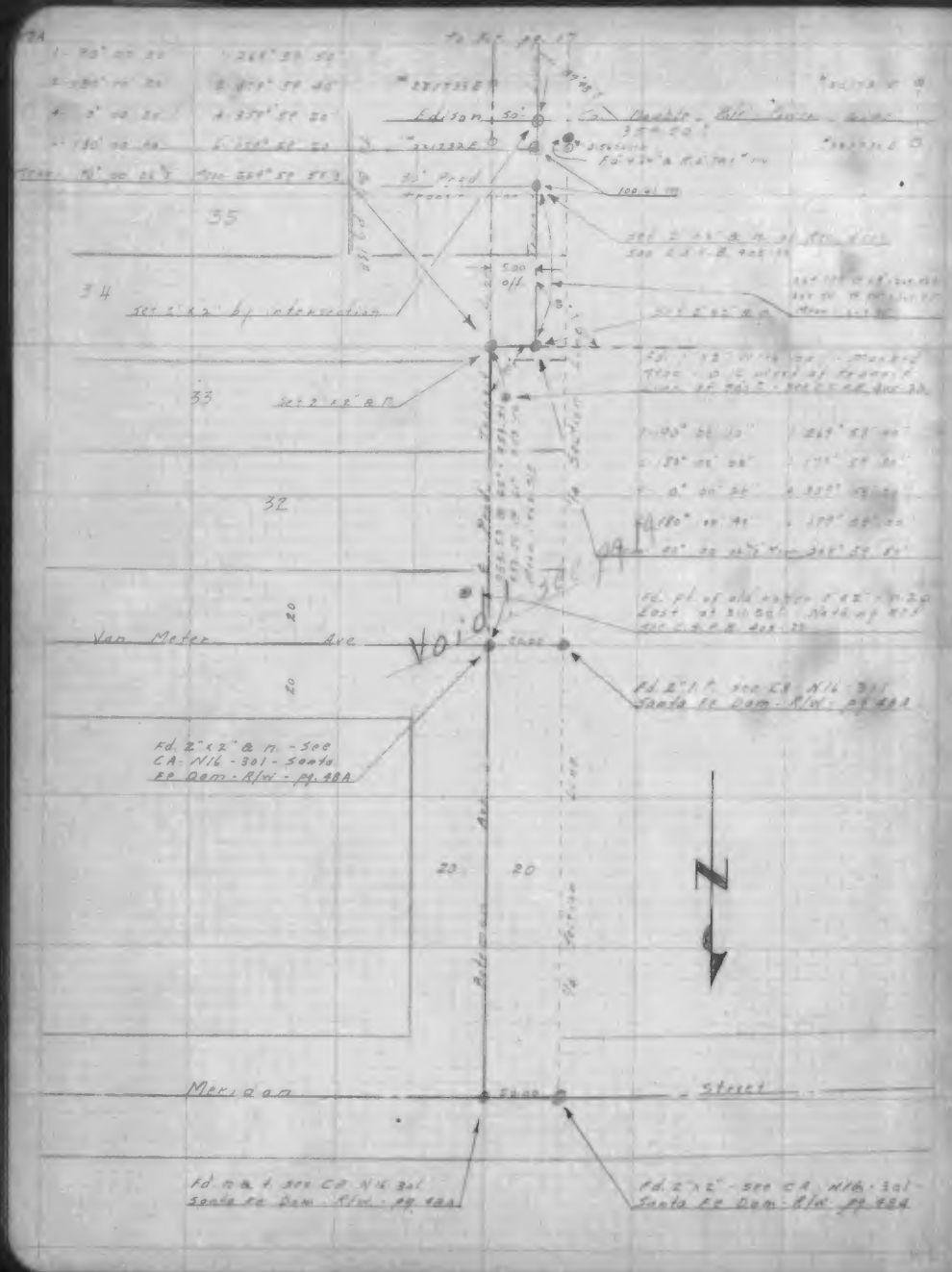


FB.1048-73

FB.1048-

U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)



FB.1048-75

FB.1048-

U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)

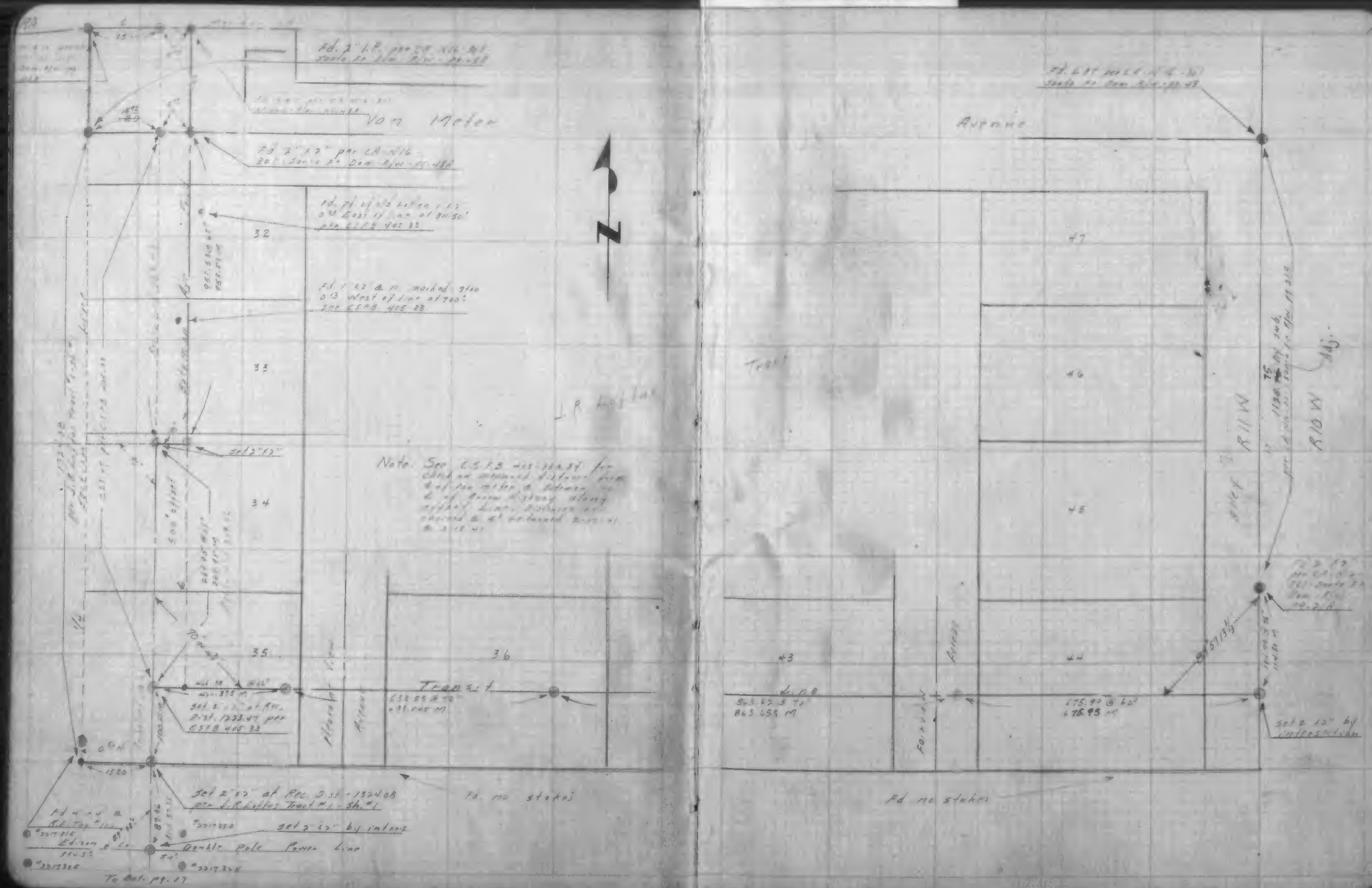
Void! See p. 19

Void! See p. 18

FB.1048-77

FB.1048-

U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)



FB.1048-79

FB.104

U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)

Angle Pile Jps for Pg. 19 & 19A

| π @ E Potomac Ave Prod. | | π @ 5' offset | |
|---|---|---|---|
| 1 90° 00' 20" | 1 269° 59' 50" | 1 90° 00' 10" | 1 269° 59' 40" |
| 2 180° 00' 20" | 2 179° 59' 40" | 2 180° 00' 00" | 2 179° 59' 30" |
| 4 0° 00' 20" | 4 359° 59' 20" | 4 0° 00' 20" | 4 359° 59' 20" |
| 6 180° 00' 40" | 6 179° 59' 20" | 6 180° 00' 40" | 6 179° 59' 00" |
| Mean - 90° 00' 06 2/3" | Mean - 269° 59' 53 1/3" | Mean - 90° 00' 06 2/3" | Mean 269° 59' 50" |

| π on 5' offset line 70 ng East | | π @ Intersection of Alley - 5' off | |
|---|---|---|---|
| 1 90° 00' 00" | 1 270° 00' 00" | 1 89° 59' 10" | 1 270° 02' 50" |
| 2 180° 00' 20" | 2 179° 59' 40" | 2 179° 54' 20" | 2 180° 05' 30" |
| 4 0° 00' 20" | 4 359° 59' 20" | 4 359° 49' 00" | 4 0° 11' 00" |
| 6 180° 00' 40" | 6 179° 59' 20" | 6 179° 43' 20" | 6 180° 16' 30" |
| Mean - 90° 00' 06 2/3" | Mean - 269° 59' 53 1/3" | Mean - 89° 59' 13 2/3" | Mean 270° 02' 46 2/3" |

| π @ Intersection of offset line & Arcola Highway | |
|---|---|
| 1 66° 38' 20" | 1 293° 21' 40" |
| 2 138° 16' 40" | 2 226° 43' 20" |
| 4 266° 33' 00" | 4 93° 27' 00" |
| 6 39° 49' 40" | 6 320° 10' 20" |
| Mean 66° 38' 16 2/3" | Mean 293° 21' 43 1/3" |

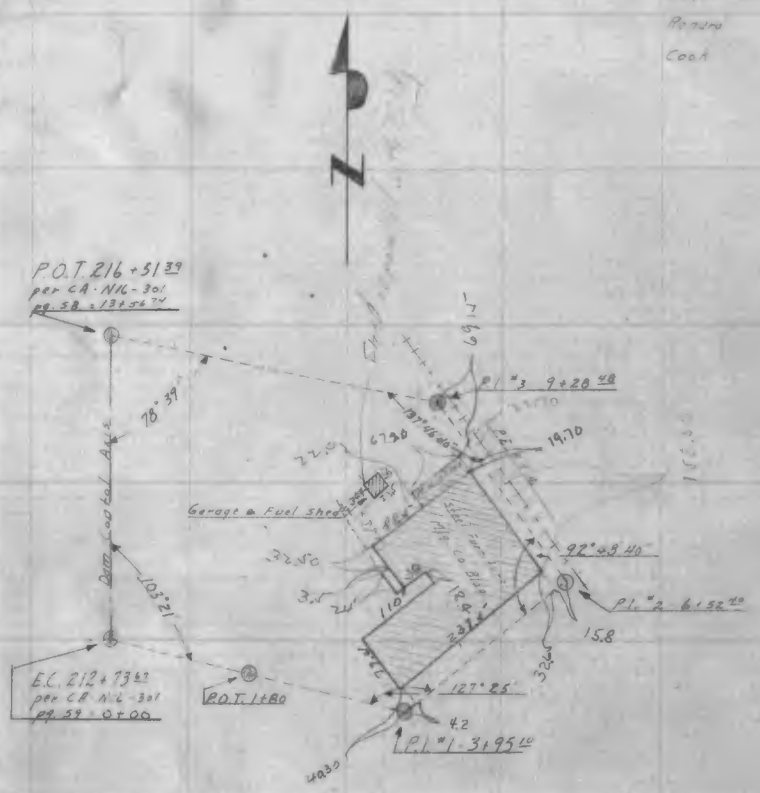
## Furniture Factory Ties 3/19/41

| | | P/L & π offset | | |
|---|---|---|---|---|
| So. side | Pl #1 | 4.2 + | 40.30 to C of | Sta 3+99.30 |
| | Pl #2 | 15.8 − | 22.35 | " 6+36.60 |
| E side | Pl #2 | 32.65 + | 16.50 | " 6+85.05 |
| | Pl #3 | 69.65 − | 19.70 | " 8+59.33 |

CA N-16-302

Location of Buildings of
Steel Furniture Mfg Co.

3-0 Ft
Bittle C & Notes
Davis - π
Snider - chain
Hays - chain
Ponzo
Cook



F.B. 1048-81

FB. 1048-81

U.S. ENGRS. F.B. - S.F. 62
(CA- N 16 -302)

8/11/41

Location Hog Ranch in Duarte

Base of this survey is ℄ Main & ℄ Duarte as shown in F.B. 801 P 32

T @ 0+00
to Pl #1 Dist 456.22

T @ Pl #1 BS on 0+00
To Pl #2 73°31'-40" 76.95

| | | | |
|---|---|---|---|
| 1. R | 136-09' | 43.0 | Bar Hook |
| 2. R | 158-32 | 78.0 | " " |
| 3. R | 178-36 | 51.0 | " " |
| 4. R | 105-44 | 30.0 | " " |
| 5. R | 132-17 | 81 | " " |
| 6. R | 75-41 | 28.7 | " Stake |

T @ Pl. #2 BS on Pl. #1

| | | | |
|---|---|---|---|
| 7 L | 46-05 | 73' | |
| 8 L | 69-58 | 99 | |
| 9 L | 81-08 | 68 | |
| 10 L | 96-52 | 67 | |
| 11 L | 40-38 | 8 | Fence Cor |
| 12 L | 157-30 | 12 | Cor Stake |
| 13 L | 166-33 | 19 | " " |
| 14 L | 172-32 | 32 | " Pen |
| 15 L | 118-54 | 74 | " " |
| 16 L | 104-39 | 69 | " Pen |
| 17 L | 179-33 | 40 | " Pen |
| 18 L | 102-14 | 204 | |
| 19 L | 168-25 | 225 | Jog in Fence |
| 20 R | 11-00 | 29 | Cor. Pen |
| 21 R | 46-12 | 51 | " " |
| 22 R | 164-11 | 205 | " " |
| 23 R | 145-25 | 225 | Cor Pen |
| 24 L | 178-50 | 52 | |
| 25 L | 137-42 | 95 | Jog " |
| 26 L | 132-20 | 117 | Cor " |

To Pl #3 R165-21-50 344.14

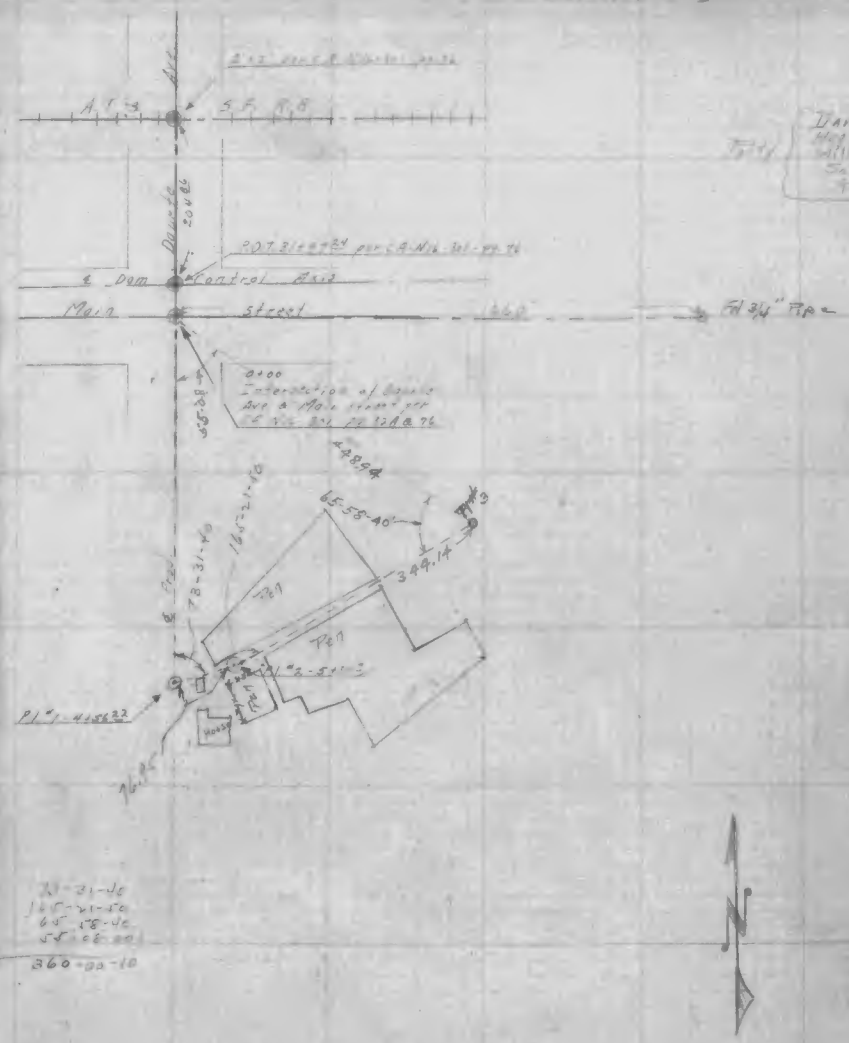
T @ Pl #3 BS on Pl. #2

| | | | |
|---|---|---|---|
| 27 L | 53-25 | 124 | Angle in Pen |
| 28 L | 62-15 | 168 | " " " |
| 29 L | 33-23 | 304 | " " " |
| 30 L | 23-22 | 270 | " " |

To 0+00 65-58-40 448.94

T @ 0+00 BS on Pl. #3
To Pl #1 55°-08'

CA N-16-302




73-31-40
165-21-50
65-58-40
55-08-00
360-00-10

U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)

3/14/61

Location Hog Ranch in Duarte
Base of Control for this survey is Sum Tangent of Dam & Curve from E.C. 50+76.84 to Pt. #2A.
See F.B. 301 P 76

Party: Davis - Notes, Hughes - T., Williams - Chain, Spider, Hays

N at Post 0-00-00 looking Ahead on Tan. at E.C.

| | | | | |
|---|---|---|---|---|
| 1 | L | 17°-55 | 120 | |
| 2 | L | 42°-35 | 176 | |
| 3 | L | 29-00 | 202 | |
| 4 | L | 93-46 | 330 | |
| 5 | L | 43-51 | 355 | |
| A | R | 26-06 | 179.75 | |

1 26-06-20
2 50-12
M 50-20

N at Pt. A'

| | | | | |
|---|---|---|---|---|
| PASS. T to "B" | | 89-02 | 359.96 | |
| 6 | R | 21-38 | 28 | Fence Cor |
| 7 | R | 84-47 | 58 | " " |
| 8 | R | 93-36 | 32 | " " |
| 9 | R | 161-47 | 43 | " " |
| 10 | R | 124-16 | 26 | " " |
| 11 | R | 95-05 | 71 | |

1 89-42
2 179-32
M 89-36

T @ "B" B.T on "A"

| | | | | |
|---|---|---|---|---|
| 12 | R | 0-55 | 46 | |
| 13 | R | 19-30 | 24 | Ang in Fence |
| 14 | R | 65-46 | 69 | Chain on Cor |
| 15 | L | 3-03 | 108 | Fence Cor |
| 16 | L | 17-32 | 178 | Ang in Fence |
| 17 | L | 22-56 | 67 | Fence Cor |
| 18 | L | 11-49 | 58 | " " |
| 19 | R | 130-53 | 95 | House Cor |
| 20 | R | 118-37 | 80 | " " |
| 21 | R | 121-00 | 75 | Shed " |
| 22 | R | 81-13 | 61 | " " |
| 23 | R | 81-52 | 79 | " " |

To Pt. 2A 41-08-25 609.80

T @ Pt. 2A ∠ to Post

1 22-59-00
2 47-59-10
M 22-59-05

CA-N-16-302

Dam
Dam
Dam

FB.1048-85

FB.1048-86

U.S. ENGRS. F.B.-S.F.62
(CA- N 16 -302)

CA-N-16-302

R/W SURVEY
PARCELS 16, 17, 19

Void

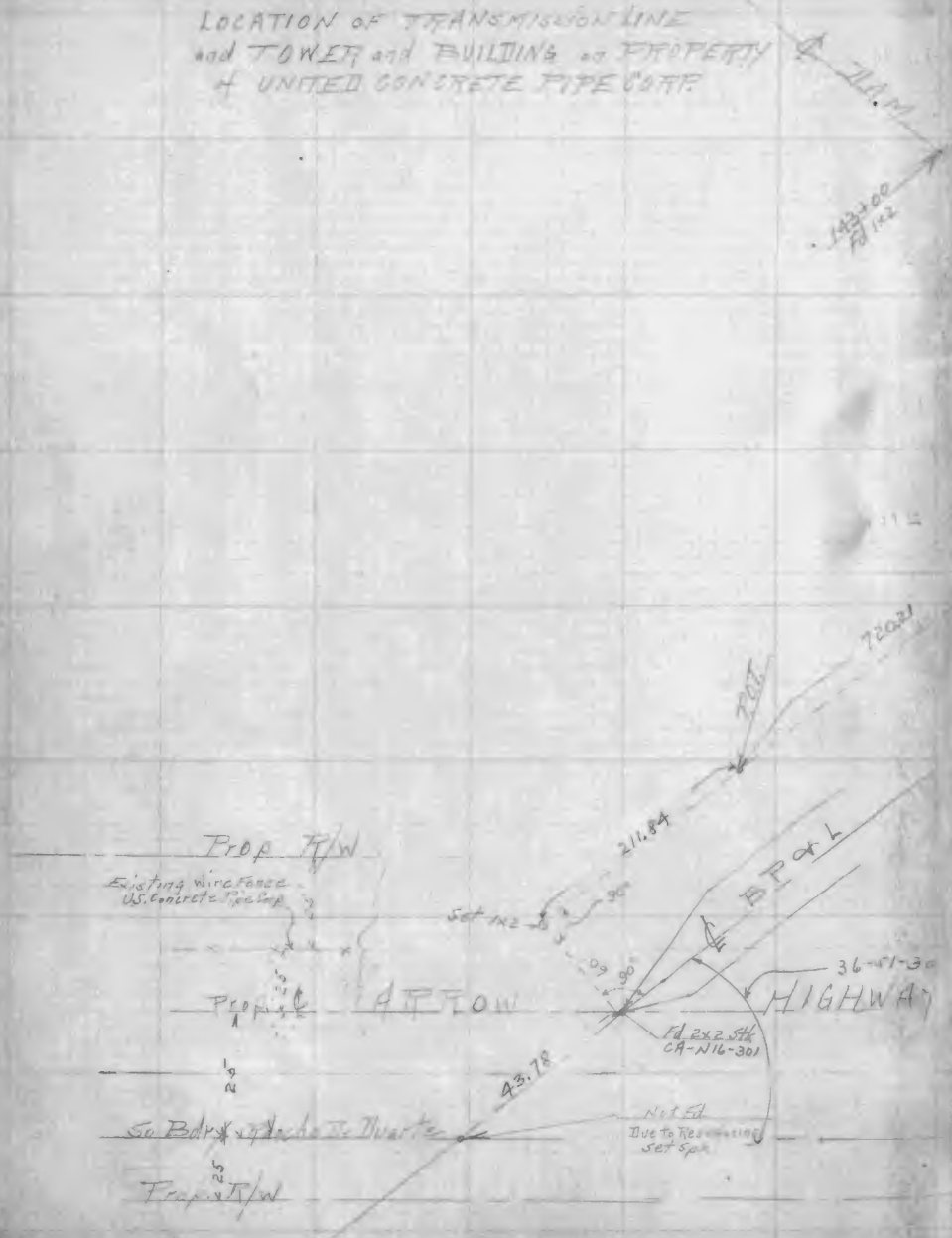
See P. 78

U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)

March 17, 1941

CA-N-16-302

LOCATION OF TRANSMISSION LINE
and TOWER and BUILDING on PROPERTY
of UNITED CONCRETE PIPE CORP.



U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)

CA-N-16-302

LOCATION OF BUILDING & TOWER #244-IIA
on Property of UNITED CONS. PIPE CORP.

N

Tie @ Sta "A"

| | Angle | Dist to Secs. of Tower |
|---|---|---|
| Cor. A | 116-28 | 86.85 |
| " B | 132-19 | 57.30 |
| " C | 110-21 | 85.36 |
| " D | 133-41 | 107.45 |

Turned to Right from Ant. Line

FB.1048-91

FB.1048-92

U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)

March 22, 1921

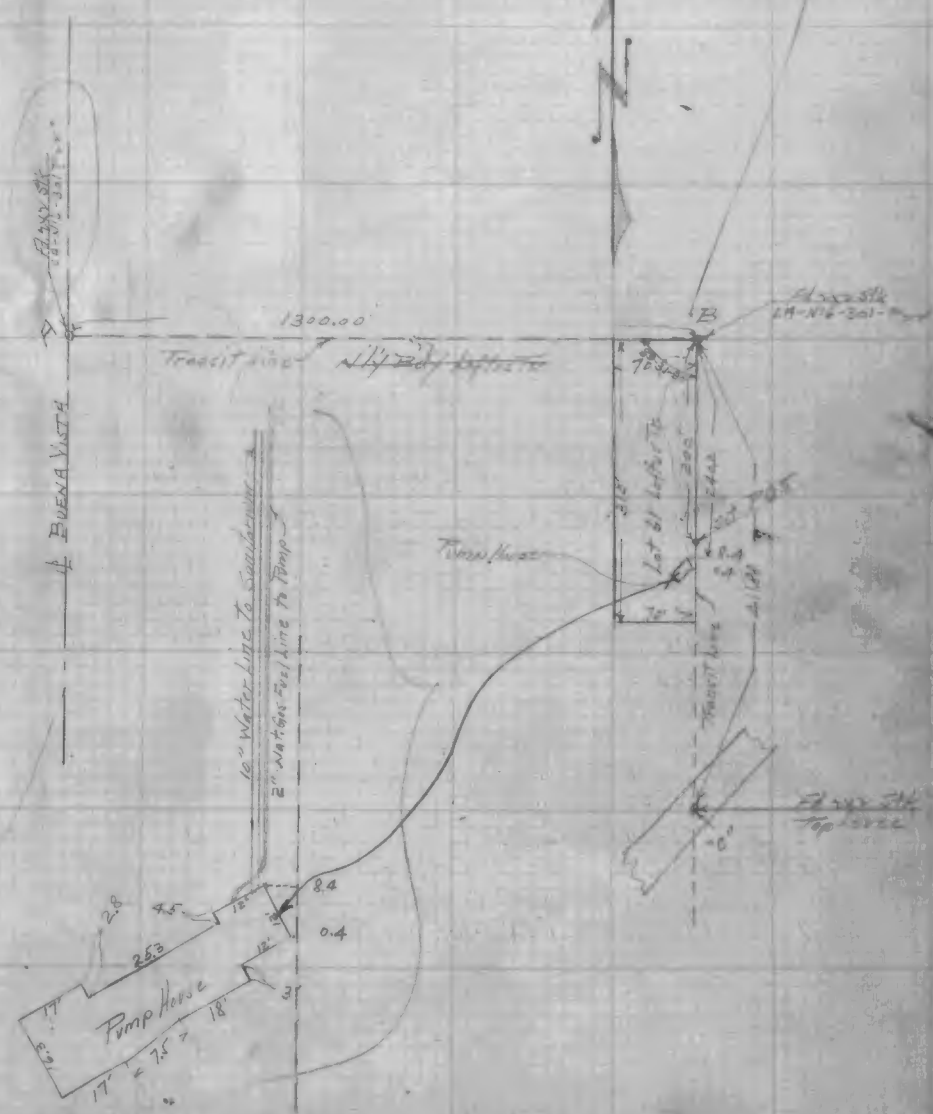
Location of Pump House & Pipe Line
and Lot 61 of Lertus Tr. No. 1
Being Parcel No. 14 on T/W

Party { Davis, Williams, Kane, Kelly }

| Dist. | Angle | |
|---|---|---|
| | | ∠ A to B (a) 89-31-30 (b) 174-02-40 (c) 64-31-30 |
| | | ⊼ @ "B" B.S. "A" |
| 463 | 97-10 R | Inspection Hole 12" concrete line |
| 280 | 96-45 R | Pipe Line |
| 115 | 94-00 R | " " |
| 16 | 84-55 R | " " |
| 11 | 78-33 L | Center of 2'x2' Concrete Base of Steel Pipe } 8" Tile Stand Pipe is 24' high. |
| 32 | 66-51 L | 10" Outlet from Weir |
| 31.5 | 71-48 L | N/E Cor Weir } |
| 40 | 74-41 L | S/E " " } Weir in Concrete structure |
| 46 | 56-00 L | S/W " " } 14.6 x 8.8 45° Degs |
| 38 | 48-57 L | N/W " " } |
| 41 | 72-10 L | 10" Inlet to Weir |
| 46 | 74-00 L | Saight of 10" Steel Line to Tile Line |
| 157 | 75-38 L | 10" Steel Pipe |
| 200 | 89-31-30 L | To POT |
| | | ⊼ @ POT B.S. on B |
| 11 | 98-18 L | 10" Steel Line |
| 44 | 168-05 L | N/E Cor Pump House |
| 95 | 149-48 L | N/W Cor " " |
| Plus | Offset | from "B" to Pump House |
| 240.2 | 8.4 | to N/E Cor " " |
| 251.5 | 0.4 | to S/E " " " |
| | | ⊼ @ "B" Brg't from "C" |
| 405 | 39-00 R | Outlet of 10" tile line from N/W Cor of Weir |
| 259 | 84-00 R | Shot on pipe line to show direction |
| 700 | 87-45 R | Stand Pipe Irrigation Line continues West |
| 960 | 88-10 R | Stand Pipe " " turns 90° going South |

Note: This line is in poor condition & apparently abandoned





U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)

March 21, 1941

LOCATION of SEWAGE DISPOSAL
JEWISH SANITORIUM in DUARTE Cal.

T @ POT ∠ A to B (1) 78-12-40 (2) 56-38-20 (M) 69-12-40

Party: David, Williams, Kayle, Karlsen

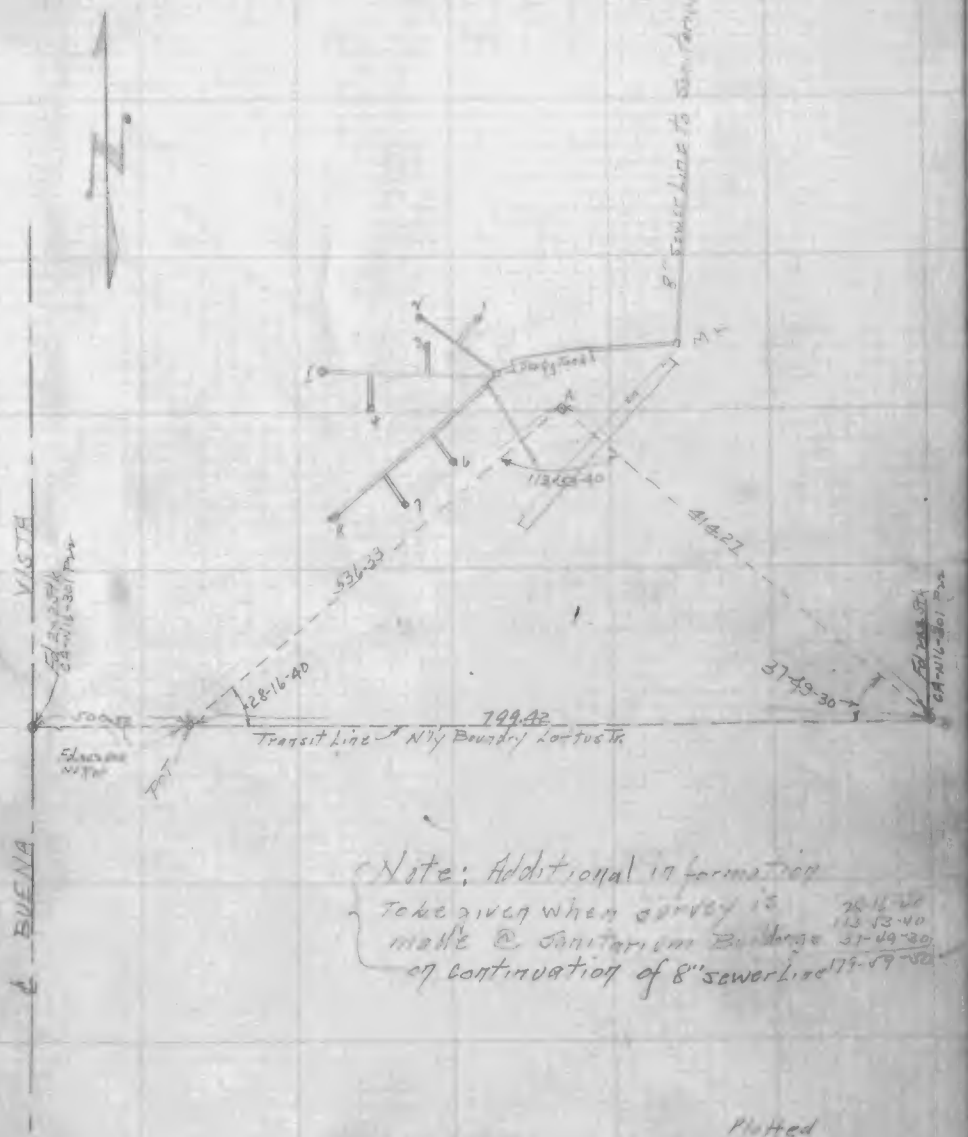
T @ A BS on POT All angles and Azimuths

| | Dist | Angle | |
|---|---|---|---|
| 1 | 57 | 62°55 | S/W Cor Septic Tank |
| 2 | 66 | 69-19 | N/W Cor " " |
| 3 | 71 | 143-23 | N/E " " " |
| 4 | 62 | 149-42 | S/E " " " |
| 5 | 70 | 57-27 | Center Conc. Diversion Box Box is 4'x4' |
| 6 | 70 | 56-06 | Outlet of Drain running S. from Div. Box |
| 7 | 84 | 46-08 | 2'x2' Inspection Hole & Junction of Lateral running East |
| 8 | 243 | 6-38 | Cess Pool #8 |
| 9 | 174 | 32-54 | " " #4 |
| 10 | 72 | 56-17 | Outlet from Diversion Box |
| 11 | 138 | 55-10 | Cess Pool #3 |
| 12 | 230 | 39-34 | Cess Pool #5 |
| 13 | 111 | 13-05 | Cess Pool #6 Lateral from line to #9 |
| 14 | 173 | 4-52 | Cess Pool #7 " " " " 8 |
| 15 | 121 | 76-49 | Cess Pool #1 |
| 16 | 164 | 62-21 | Cess Pool #2 |
| 17 | 159 | 330-24 | S'ly end of Main Drain or Sump (400x10x8 Rock Sides + Bottom Filled with Gravel) |
| 18 | 90 | 316-03 | Junct. of Lateral + Main Drain |
| 19 | 70 | 232-20 | Main Drain |
| 20 | 245 | 181-41 | N'ly end |
| 21 | 146 | 331-13 | Inspection Hole in Main Drain |
| 22 | 90 | 315-29 | " " " " " |
| 23 | 138 | 184-22 | " " " " " |
| 24 | 236 | 180-59 | " " " " " |
| 25 | 430 | 150-37 | 8" Tile Sewer Line to Sanitorium |
| 26 | 355 | 158-52 | " " " " " " |
| 27 | 287 | 178-11 | 4'x4' Conc. Man Hole angles to Septic Tank |

T @ B ∠ A to POT
(1) 37-49-30
(2) 75-39-00
(M) 37-49-30

T @ A ∠ B to POT
(1) 113-53-40
(2) 227-07-20
(M) 113-53-46






Note: Additional information
Take given when survey is
made @ Sanitorium Buildings
or continuation of 8" sewer line

28-16-40
113-53-40
37-49-30
179-07-50

Plotted
5-27-41
Eng 9.

FB.1048-95

FB.1048-9

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(CA- N 16 -302)

PROPOSED TAKING LINE
across West½ Sec. 31 T. 1 N.
Embracing PARCELS 16, 17, 19.
DUARTE CAL.

Revised - See P. 79+30

A.T. of

S.E. B.T.

Pl#1
7+80.36

Pl#4
7+70.99

Pl#6
25+29.82

2648.50 to ¼ cor (Center Sec. 31)

BUENA VISTA

Spillway

Inaccessable line

5' offset line established from graphically located as shown

739.83

539.47

717.48

140-14-00
Calc

S 89-37-25 W

N 45°-01-28 E

44°-36-

45-11-28

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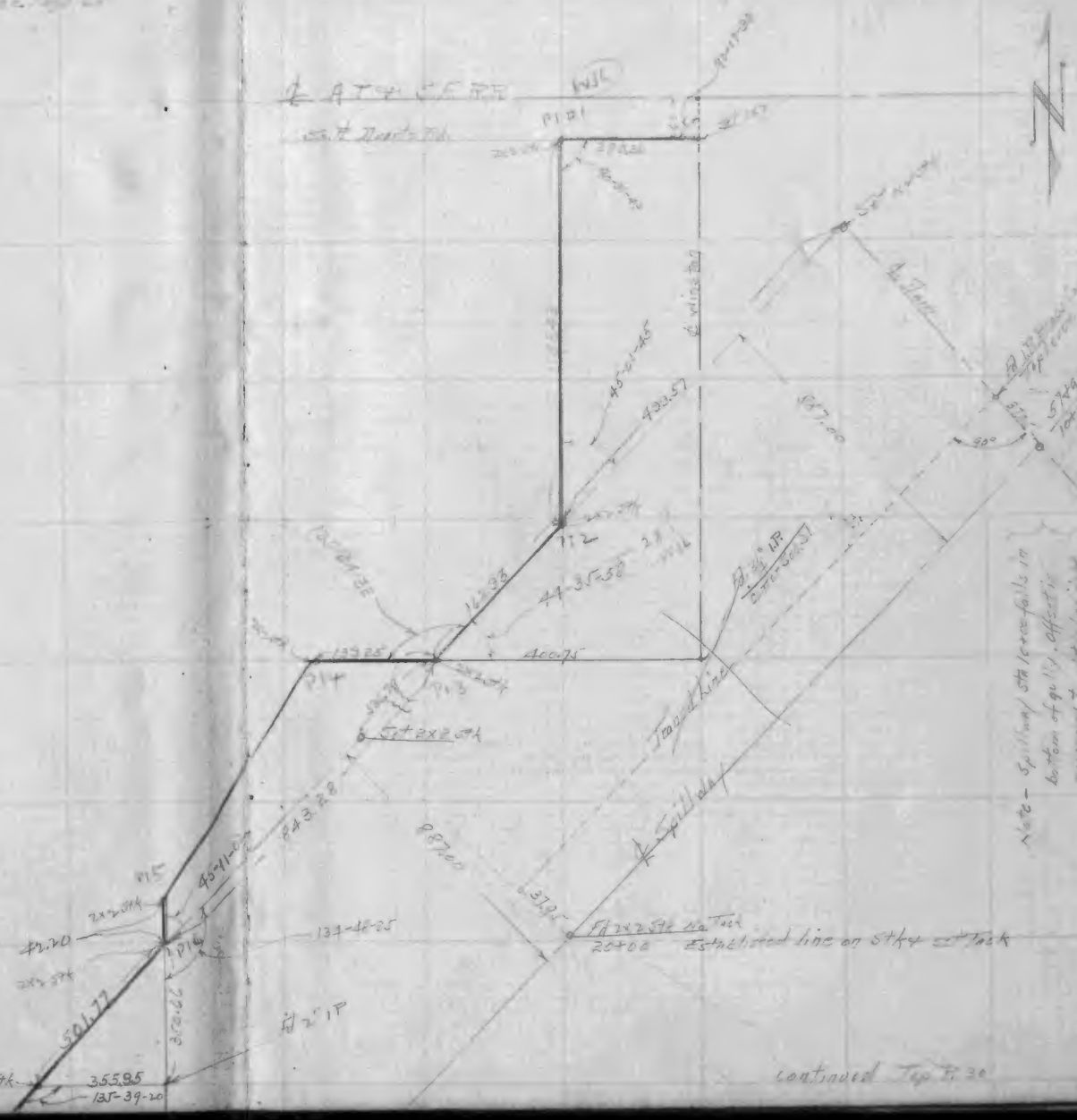
(CA- N 16 -302)

REVISED SURVEY
of
TAKING LINE



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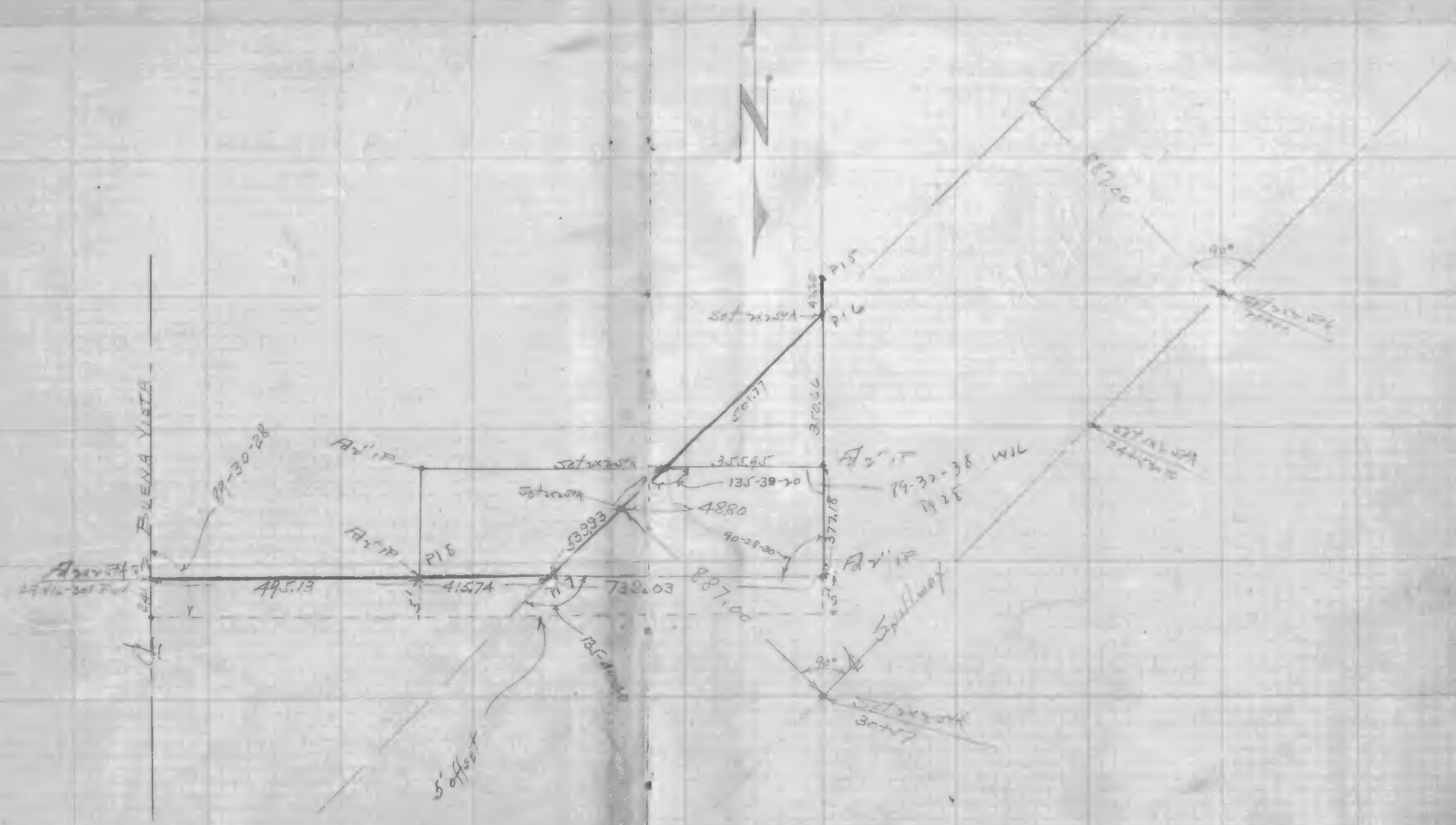
(CA- N 16 -302)



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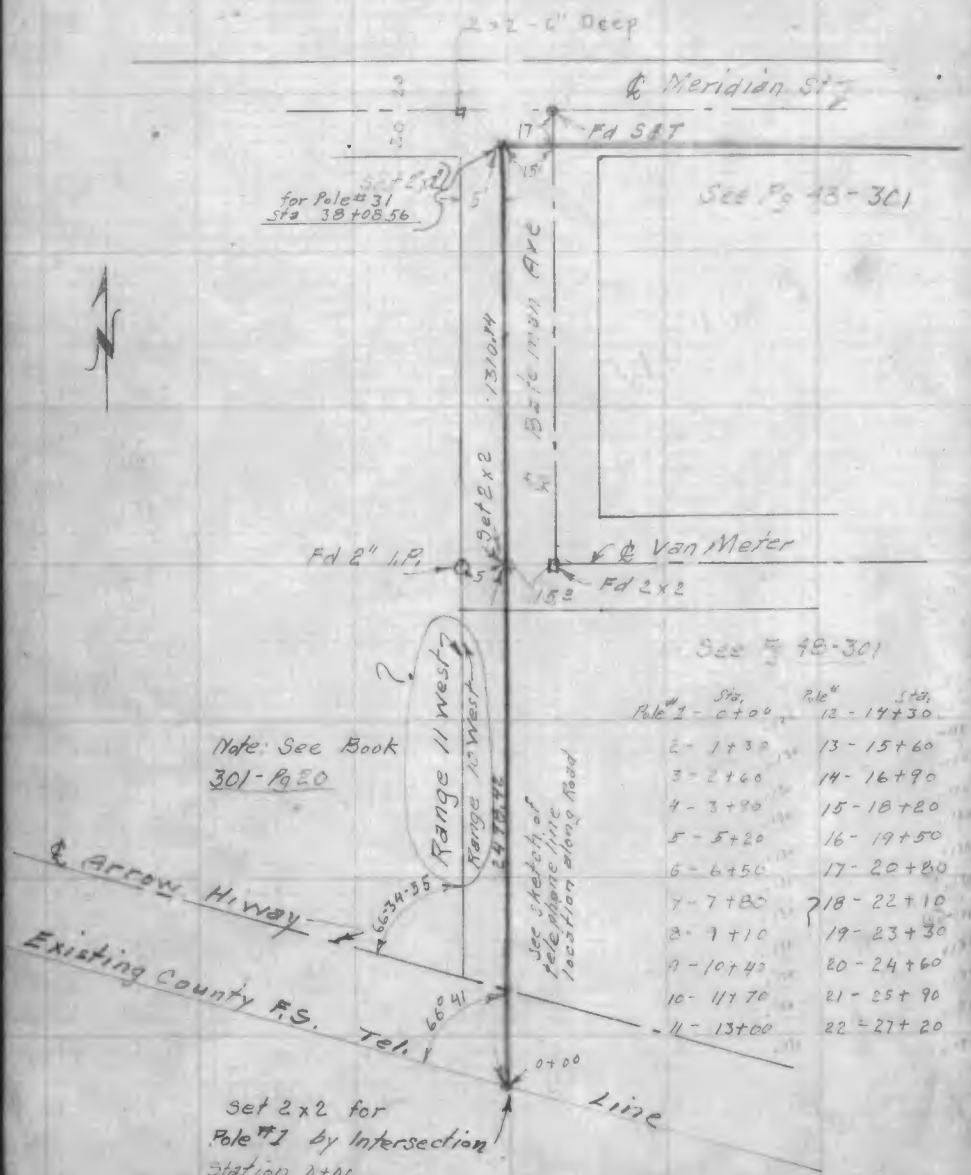
(CA- N 16 -302)

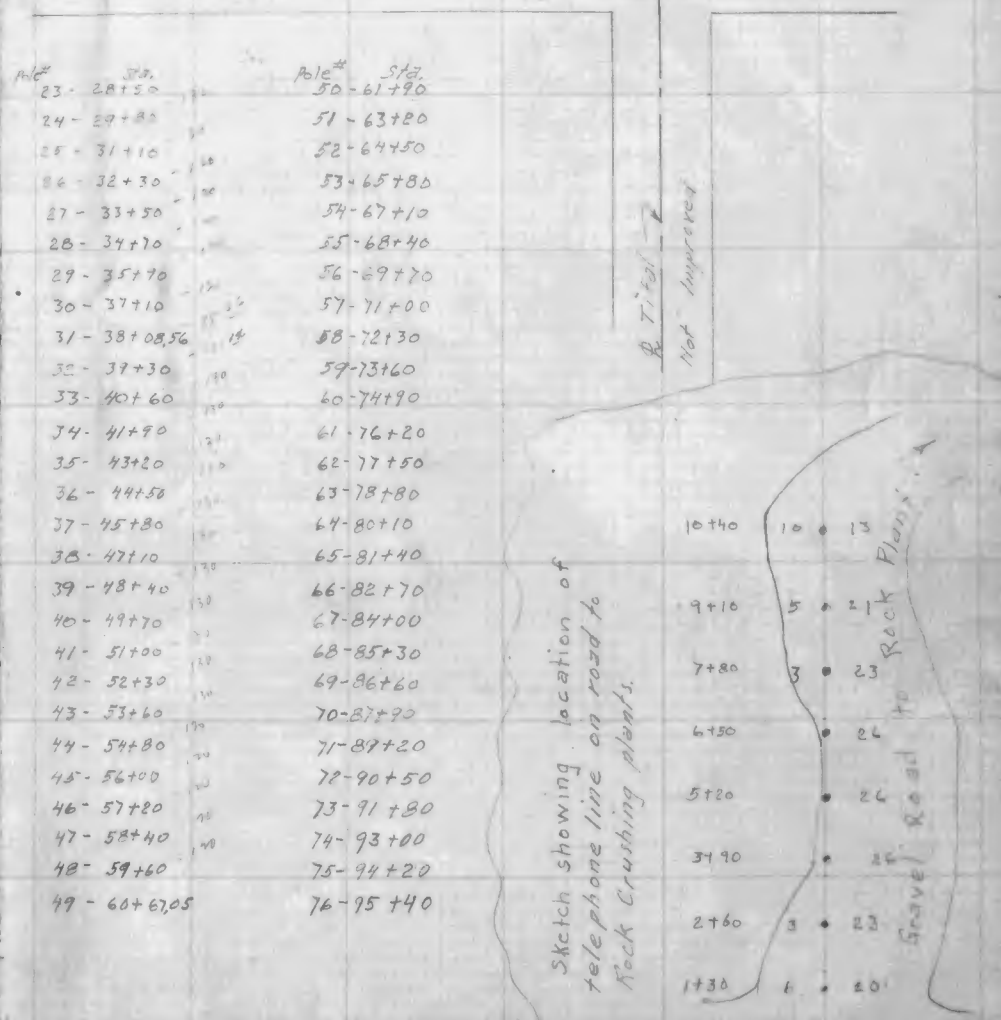
32A Re-location of County Forestry Telephone Line along W'ly & N'ly Sides of Santa Fe Dam

Nov-21-41




| Pole # | Sta. | Pole # | Sta. |
|---|---|---|---|
| 1 | 0+00 | 12 | 14+30 |
| 2 | 1+30 | 13 | 15+60 |
| 3 | 2+60 | 14 | 16+90 |
| 4 | 3+90 | 15 | 18+20 |
| 5 | 5+20 | 16 | 19+50 |
| 6 | 6+50 | 17 | 20+80 |
| 7 | 7+80 | 18 | 22+10 |
| 8 | 9+10 | 19 | 23+30 |
| 9 | 10+40 | 20 | 24+60 |
| 10 | 11+70 | 21 | 25+90 |
| 11 | 13+00 | 22 | 27+20 |

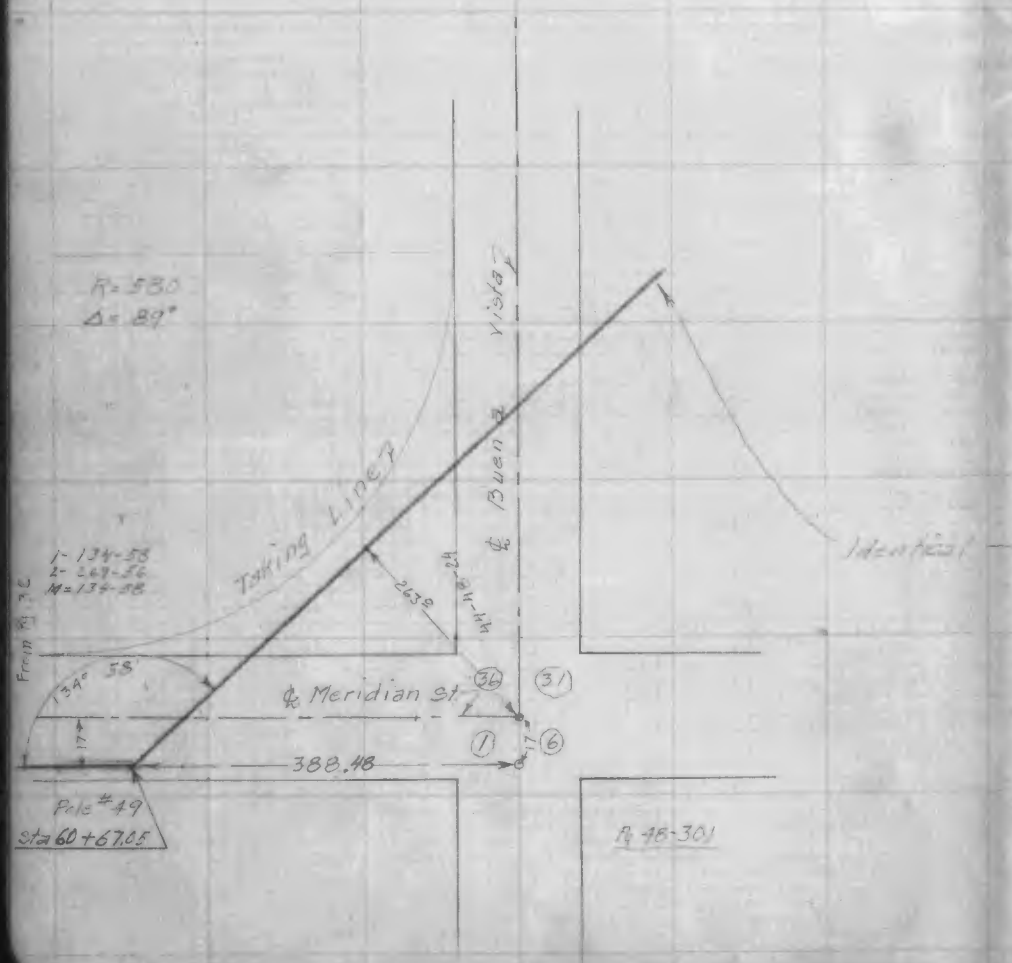
| Pole # | Sta. | Pole # | Sta. |
|---|---|---|---|
| 23 | 28+50 | 50 | 61+90 |
| 24 | 29+80 | 51 | 63+20 |
| 25 | 31+10 | 52 | 64+50 |
| 26 | 32+30 | 53 | 65+80 |
| 27 | 33+50 | 54 | 67+10 |
| 28 | 34+70 | 55 | 68+40 |
| 29 | 35+90 | 56 | 69+70 |
| 30 | 37+10 | 57 | 71+00 |
| 31 | 38+08.56 | 58 | 72+30 |
| 32 | 39+30 | 59 | 73+60 |
| 33 | 40+60 | 60 | 74+90 |
| 34 | 41+90 | 61 | 76+20 |
| 35 | 43+20 | 62 | 77+50 |
| 36 | 44+50 | 63 | 78+80 |
| 37 | 45+80 | 64 | 80+10 |
| 38 | 47+10 | 65 | 81+40 |
| 39 | 48+40 | 66 | 82+70 |
| 40 | 49+70 | 67 | 84+00 |
| 41 | 51+00 | 68 | 85+30 |
| 42 | 52+30 | 69 | 86+60 |
| 43 | 53+60 | 70 | 87+90 |
| 44 | 54+80 | 71 | 89+20 |
| 45 | 56+00 | 72 | 90+50 |
| 46 | 57+20 | 73 | 91+80 |
| 47 | 58+40 | 74 | 93+00 |
| 48 | 59+60 | 75 | 94+20 |
| 49 | 60+67.05 | 76 | 95+40 |

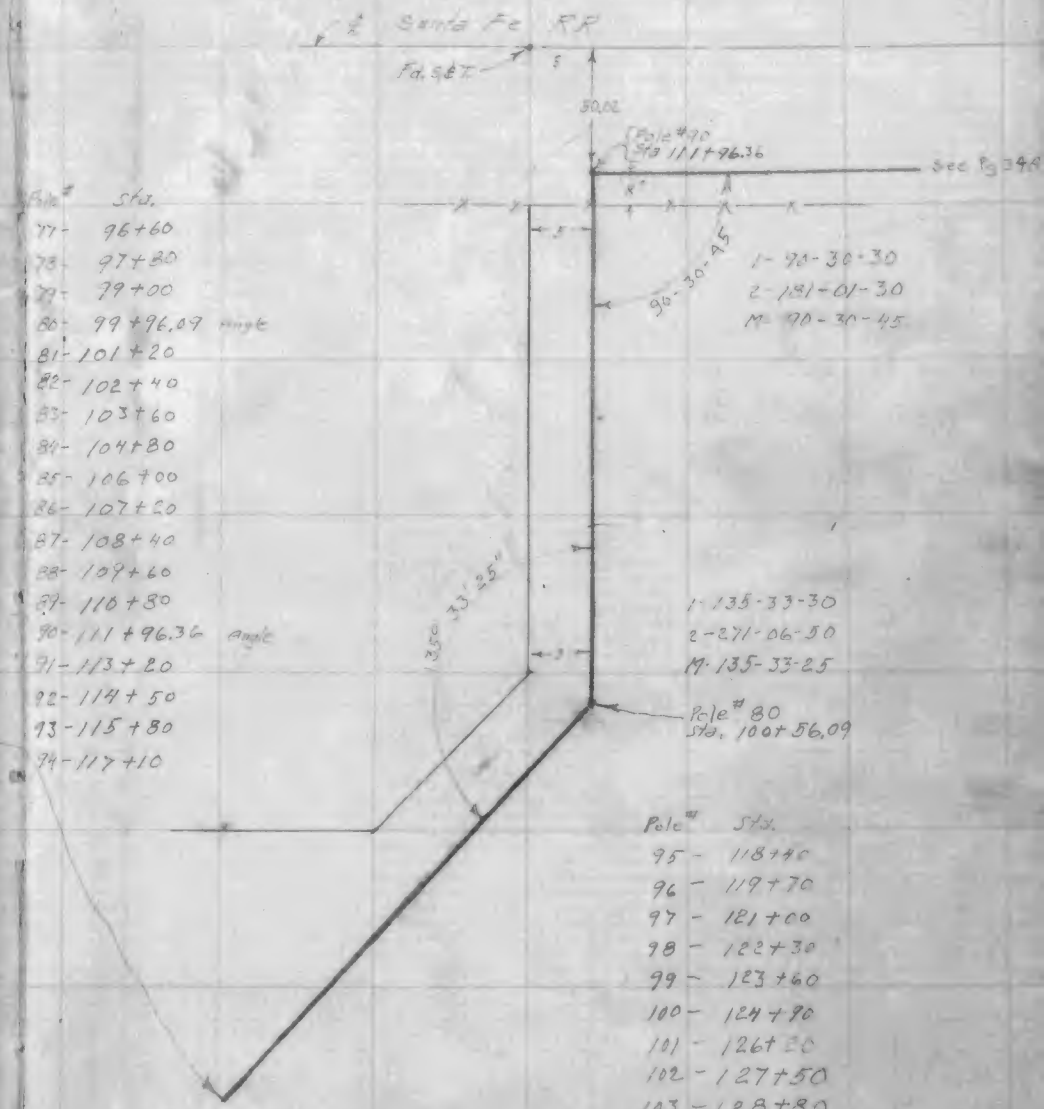



Sketch showing location of telephone line on road to Rock Crushing plants.

U.S. ENGRS. F.B.-S.F.62
(CA- N 16 -302)

33A Re-location of County Forestry Telephone Line Along W'ly & E'ly Sides of Santa Fe Dam




| Pole # | Sta. |
|---|---|
| 77 - | 96+60 |
| 78 - | 97+80 |
| 79 - | 99+00 |
| 80 - | 99+96.09 Angle |
| 81 - | 101+20 |
| 82 - | 102+40 |
| 83 - | 103+60 |
| 84 - | 104+80 |
| 85 - | 106+00 |
| 86 - | 107+20 |
| 87 - | 108+40 |
| 88 - | 109+60 |
| 89 - | 110+80 |
| 90 - | 111+96.36 Angle |
| 91 - | 113+20 |
| 92 - | 114+50 |
| 93 - | 115+80 |
| 94 - | 117+10 |

| Pole # | Sta. |
|---|---|
| 95 - | 118+40 |
| 96 - | 119+70 |
| 97 - | 121+00 |
| 98 - | 122+30 |
| 99 - | 123+60 |
| 100 - | 124+80 |
| 101 - | 126+20 |
| 102 - | 127+50 |
| 103 - | 128+80 |

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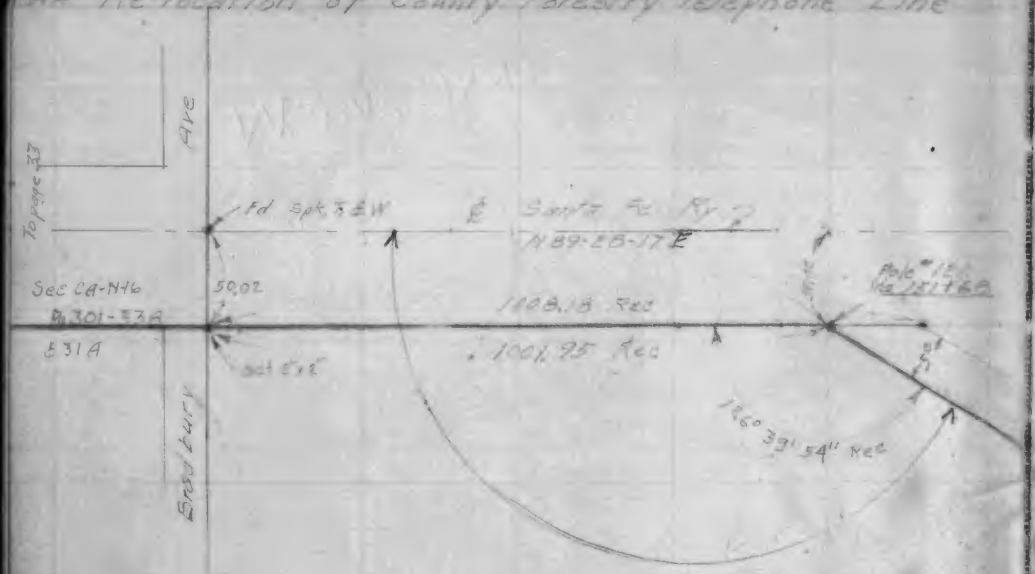
Re-location of County Forestry Telephone Line




| Pole # | Sta. |
|---|---|
| 104 - | 130+10 |
| 105 - | 131+40 |
| 106 - | 132+70 |
| 107 - | 134+00 |
| 108 - | 135+30 |
| 109 - | 136+60 |
| 110 - | 137+90 |
| 111 - | 139+20 |
| 112 - | 140+50 |
| 113 - | 141+80 |
| 114 - | 143+10 |
| 115 - | 144+30 |
| 116 - | 145+50 |
| 117 - | 146+70 |
| 118 - | 147+90 |
| 119 - | 149+10 |
| 120 - | 150+~~40~~ 30 |

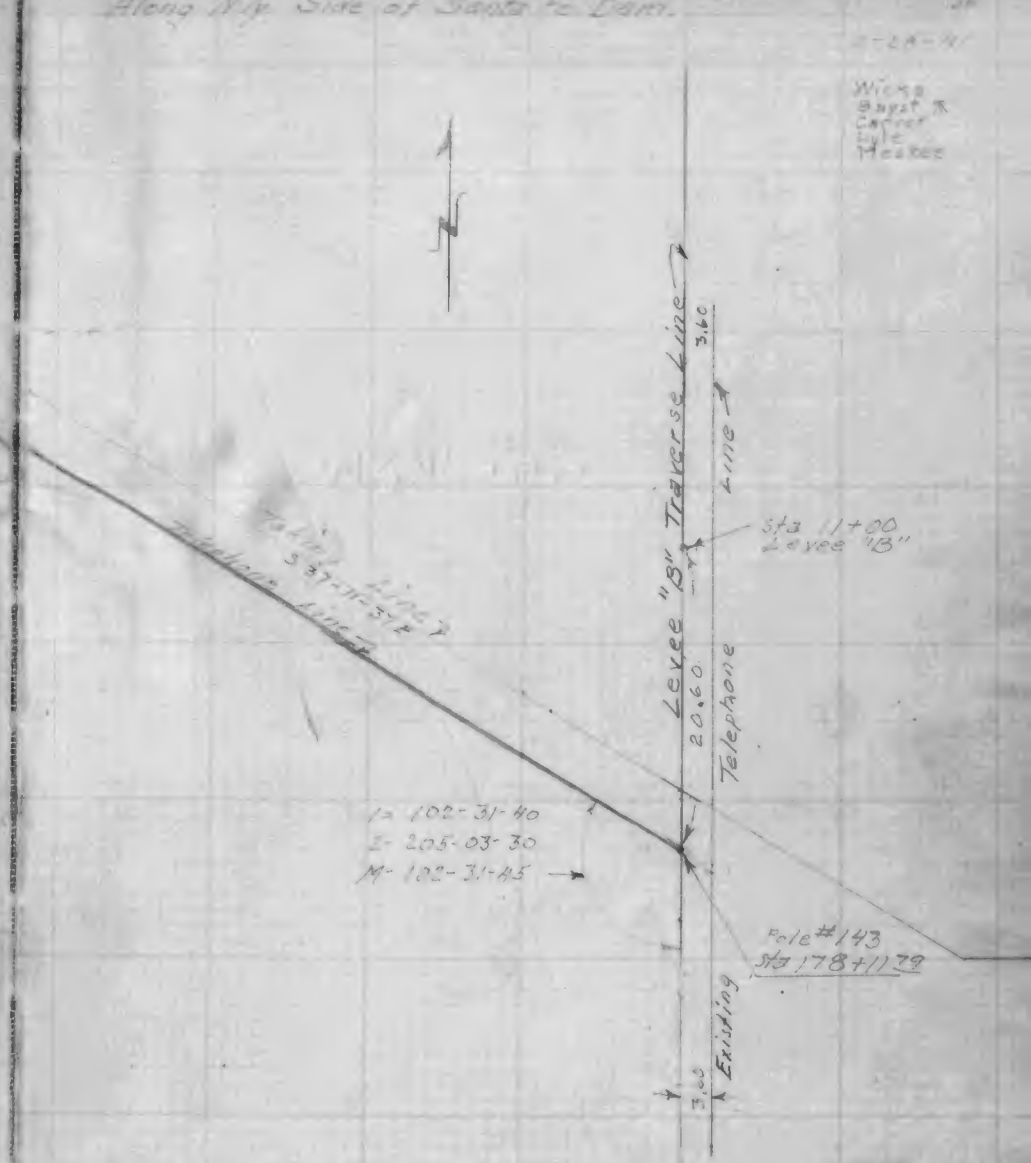
Turnside

| Pole # | Sta |
|---|---|
| 121 - | 151+~~68~~ 43.65 |
| 122 - | 152+90 |
| 123 - | 154+20 |
| 124 - | 155+50 |
| 125 - | 156+80 |
| 126 - | 158+10 |
| 127 - | 159+40 |
| 128 - | 160+70 |
| 129 - | 162+00 |
| 130 - | 163+30 |
| 131 - | 164+60 |
| 132 - | 165+90 |
| 133 - | 167+20 |
| 134 - | 168+40 |
| 135 - | 169+60 |
| 136 - | 170+80 |
| 137 - | 172+00 |
| 138 - | 173+20 |

Turnside

| Pole # | Sta. |
|---|---|
| 139 - | 174+40 |
| 140 - | 175+60 |
| 141 - | 176+80 |
| 142 - | 177+00 |
| 143 - | 178+11.79 End |

Along N'ly Side of Santa Fe Dam.



U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)



# RECHECK SURVEY of LOCATION of COUNTY FORESTRY TELEPHONE LINE along ENTIRE TRAVERSE SANTA FE FLOOD CONTROL BASIN

LEGEND

POINTS FOUND ●
POINTS SET ●
TAKING LINE
℄ RAILROAD
TELEPHONE

Ref. S.F. Dam B/M CA-N16-301
Parcel & sheet Layout

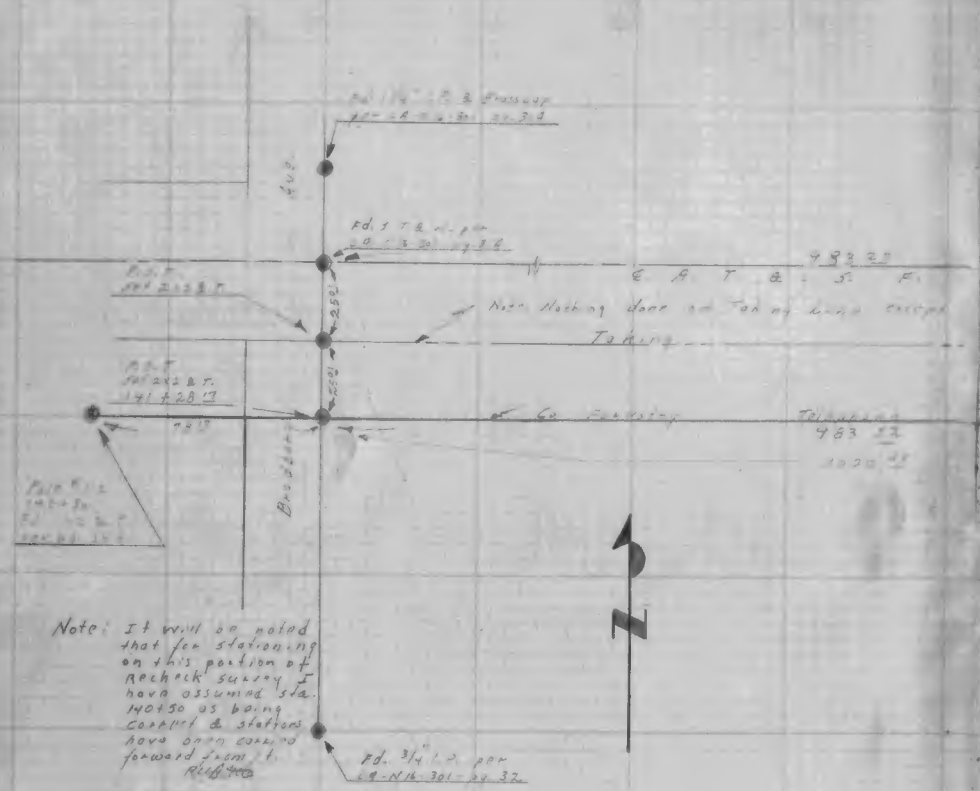
Transit Berger # 2613

Party

| | |
|---|---|
| Bittle | Ch. Pty & Notes |
| Carver | π |
| Addington | Hd Ch |
| Patterson | A Ch |

Completed 12-11-41

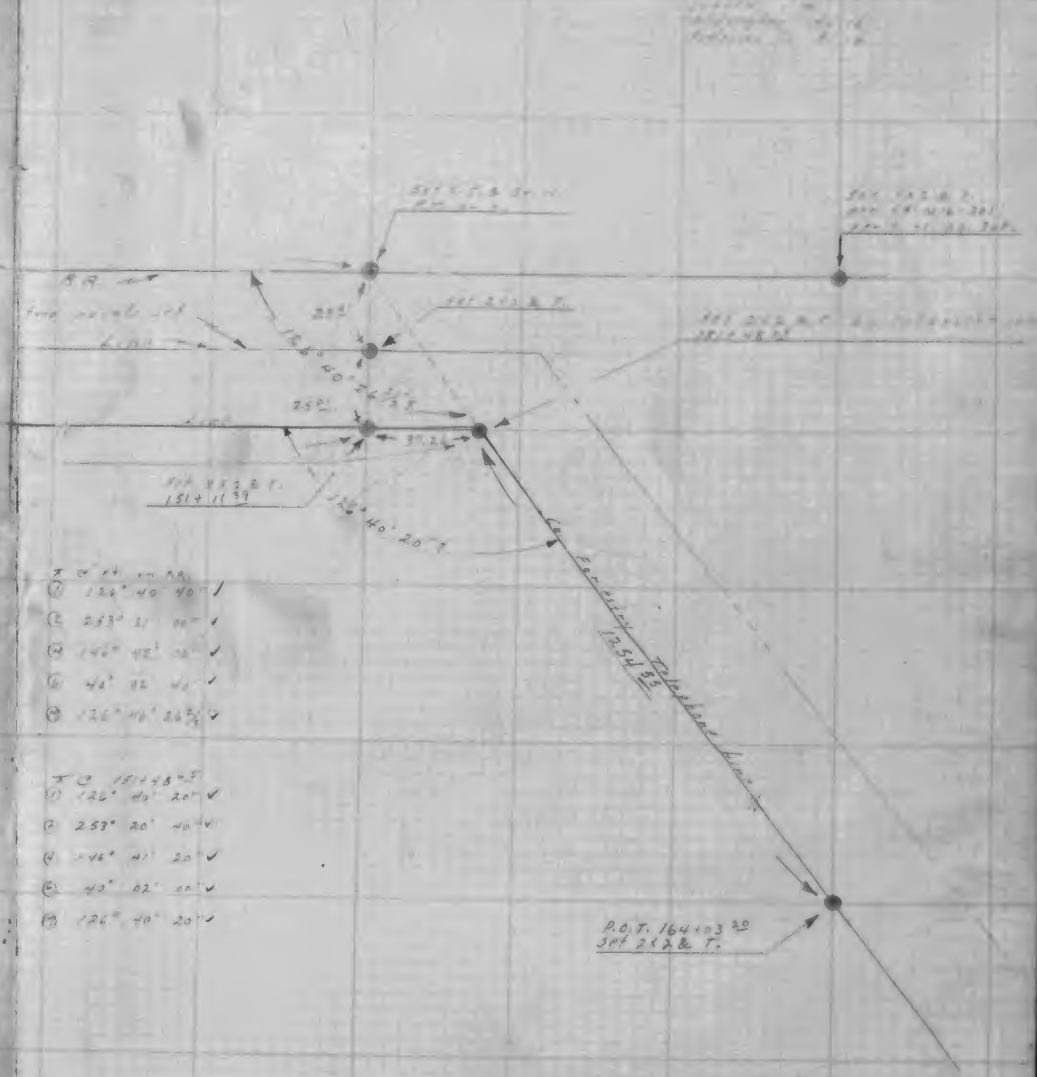
U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)




Note: It will be noted that for stationing on this portion of Rechek survey I have assumed sta. 140+50 as being correct & stations have been carried forward from it.
Rich Co

The following Pole No's & stations have been reset with 1x2 & T. —

| Pole # | sta. | Pole # | sta. |
|---|---|---|---|
| 112 | 140+50 | 122 | 152+68 |
| 113 | 141+80 | 123 | 153+98 |
| 114 | 143+10 | 124 | 155+28 |
| 115 | 144+30 | 125 | 156+58 |
| 116 | 145+50 | 126 | 157+88 |
| 117 | 146+70 | 127 | 159+18 |
| 118 | 147+90 | 128 | 160+48 |
| 119 | 149+10 | 129 | 161+78 |
| 120 | 150+30 | 130 | 163+08 |
| 121 | 151+48.65 | | |




Cont'd top pg. 37A

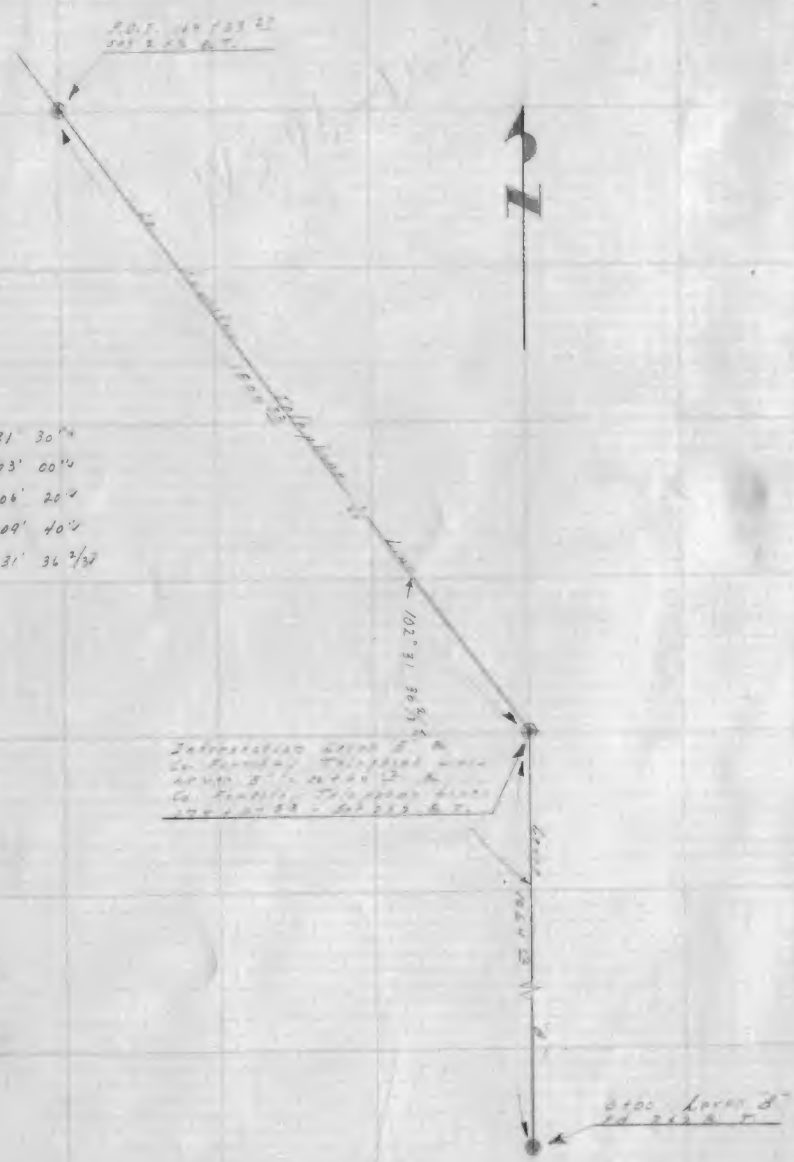
FB.1048-111

FB.1048-

U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)



Cont'd from Bot. pg. 36



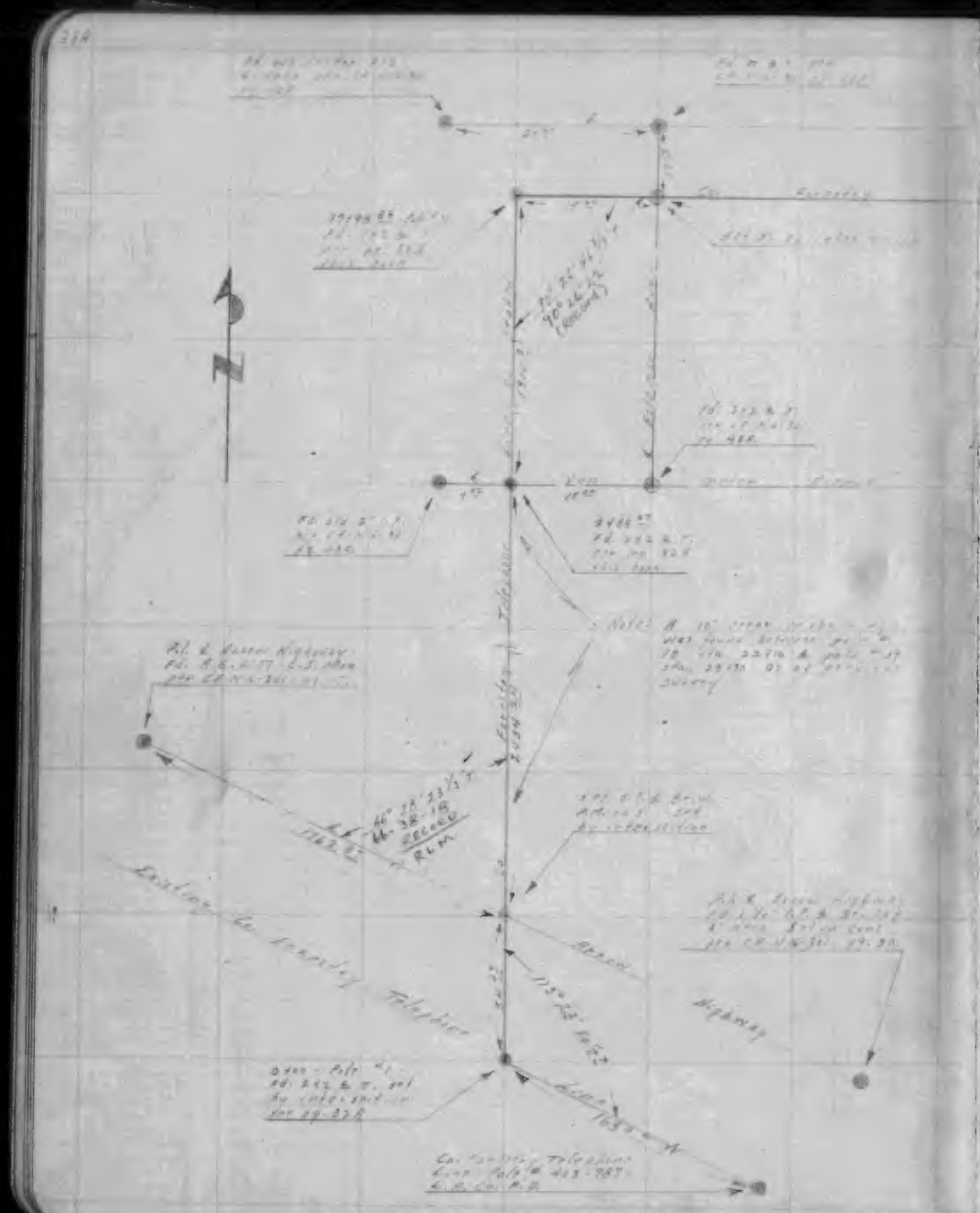

① 102° 31' 30"
② 205° 03' 00"
③ 50° 06' 20"
④ 255° 09' 40"
⑤ 102° 31' 36 2/3"



The following Pole Nos. & stations have been reset with 1/2 & T.

| Pole # | Sta |
|---|---|
| 131 | 164+38 |
| 132 | 165+68 |
| 133 | 166+98 |
| 134 | 168+18 |
| 135 | 169+39 |
| 136 | 170+58 |
| 137 | 171+78 |
| 138 | 172+98 |
| 139 | 174+18 |
| 140 | 175+38 |
| 141 | 176+58 |
| 142 | 177+78 |
| 143 | 179+07.53 = End |

U.S. ENGRS. F.B.-S.F. 62
(CA- N 16 -302)




| | | | |
|---|---|---|---|
| | 1 | 0+00 | |
| | 2 | 1+10 | |
| | 3 | 2+60 | |
| | 4 | 3+70 | |
| | 5 | 5+20 | |
| | 6 | 6+50 | |
| | 7 | 7+50 | |
| | 8 | 9+10 | |
| | 9 | 10+40 | |
| | 10 | 11+90 | |
| | 11 | 13+00 | |
| | 12 | 14+30 | |
| | 13 | 15+60 | |
| | 14 | 16+90 | |
| | 15 | 18+20 | |
| | 16 | 19+50 | |
| | 17 | 20+80 | |
| | 18 | 22+10 | |
| | 19 | 23+40 | |
| | 20 | 24+70 | |
| | 21 | 26+00 | |
| | 22 | 27+30 | |
| | 23 | 28+60 | |
| | 24 | 29+90 | |
| | 25 | 31+20 | |
| | 26 | 32+40 | |
| | 27 | 33+60 | |
| | 28 | 34+80 | |
| | 29 | 36+00 | |
| | 30 | 37+20 | |
| | 31 | 37+98.58 | |
| | 32 | 39+20 | |
| | 33 | 40+50 | |
| | 34 | 41+80 | |
| | 35 | 43+10 | |
| | 36 | 44+40 | |
| | 37 | 45+70 | |
| | 38 | 47+00 | |
| | 39 | 48+30 | |
| | 40 | 49+60 | |
| | 41 | 50+90 | |
| | 42 | 52+20 | |
| | 43 | 53+50 | |
| | 44 | 54+70 | |
| | 45 | 55+90 | |
| | 46 | 57+10 | |
| | 47 | 58+30 | |
| | 48 | 59+50 | |
| | 49 | 60+58.18 | |