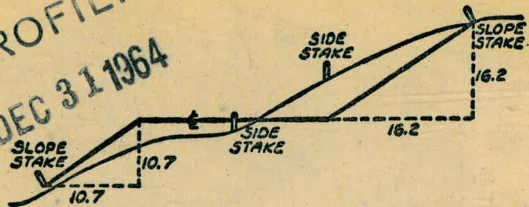


2026

TRAVEL BOOK



MICROFILMED  
DEC 31 1964



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING  
SLOPE 1 TO 1. ROADWAY OF ANY WIDTH

|    | 0     | .1    | .2    | .3    | .4    | .5    | .6    | .7    | .8    | 9     |    |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 0  | 0.00  | 0.10  | 0.20  | 0.30  | 0.40  | 0.50  | 0.60  | 0.70  | 0.80  | 0.90  | 0  |
| 1  | 1.00  | 1.10  | 1.20  | 1.30  | 1.40  | 1.50  | 1.60  | 1.70  | 1.80  | 1.90  | 1  |
| 2  | 2.00  | 2.10  | 2.20  | 2.30  | 2.40  | 2.50  | 2.60  | 2.70  | 2.80  | 2.90  | 2  |
| 3  | 3.00  | 3.10  | 3.20  | 3.30  | 3.40  | 3.50  | 3.60  | 3.70  | 3.80  | 3.90  | 3  |
| 4  | 4.00  | 4.10  | 4.20  | 4.30  | 4.40  | 4.50  | 4.60  | 4.70  | 4.80  | 4.90  | 4  |
| 5  | 5.00  | 5.10  | 5.20  | 5.30  | 5.40  | 5.50  | 5.60  | 5.70  | 5.80  | 5.90  | 5  |
| 6  | 6.00  | 6.10  | 6.20  | 6.30  | 6.40  | 6.50  | 6.60  | 6.70  | 6.80  | 6.90  | 6  |
| 7  | 7.00  | 7.10  | 7.20  | 7.30  | 7.40  | 7.50  | 7.60  | 7.70  | 7.80  | 7.90  | 7  |
| 8  | 8.00  | 8.10  | 8.20  | 8.30  | 8.40  | 8.50  | 8.60  | 8.70  | 8.80  | 8.90  | 8  |
| 9  | 9.00  | 9.10  | 9.20  | 9.30  | 9.40  | 9.50  | 9.60  | 9.70  | 9.80  | 9.90  | 9  |
| 10 | 10.00 | 10.10 | 10.20 | 10.30 | 10.40 | 10.50 | 10.60 | 10.70 | 10.80 | 10.90 | 10 |
| 11 | 11.00 | 11.10 | 11.20 | 11.30 | 11.40 | 11.50 | 11.60 | 11.70 | 11.80 | 11.90 | 11 |
| 12 | 12.00 | 12.10 | 12.20 | 12.30 | 12.40 | 12.50 | 12.60 | 12.70 | 12.80 | 12.90 | 12 |
| 13 | 13.00 | 13.10 | 13.20 | 13.30 | 13.40 | 13.50 | 13.60 | 13.70 | 13.80 | 13.90 | 13 |
| 14 | 14.00 | 14.10 | 14.20 | 14.30 | 14.40 | 14.50 | 14.60 | 14.70 | 14.80 | 14.90 | 14 |
| 15 | 15.00 | 15.10 | 15.20 | 15.30 | 15.40 | 15.50 | 15.60 | 15.70 | 15.80 | 15.90 | 15 |
| 16 | 16.00 | 16.10 | 16.20 | 16.30 | 16.40 | 16.50 | 16.60 | 16.70 | 16.80 | 16.90 | 16 |
| 17 | 17.00 | 17.10 | 17.20 | 17.30 | 17.40 | 17.50 | 17.60 | 17.70 | 17.80 | 17.90 | 17 |
| 18 | 18.00 | 18.10 | 18.20 | 18.30 | 18.40 | 18.50 | 18.60 | 18.70 | 18.80 | 18.90 | 18 |
| 19 | 19.00 | 19.10 | 19.20 | 19.30 | 19.40 | 19.50 | 19.60 | 19.70 | 19.80 | 19.90 | 19 |
| 20 | 20.00 | 20.10 | 20.20 | 20.30 | 20.40 | 20.50 | 20.60 | 20.70 | 20.80 | 20.90 | 20 |
| 21 | 21.00 | 21.10 | 21.20 | 21.30 | 21.40 | 21.50 | 21.60 | 21.70 | 21.80 | 21.90 | 21 |
| 22 | 22.00 | 22.10 | 22.20 | 22.30 | 22.40 | 22.50 | 22.60 | 22.70 | 22.80 | 22.90 | 22 |
| 23 | 23.00 | 23.10 | 23.20 | 23.30 | 23.40 | 23.50 | 23.60 | 23.70 | 23.80 | 23.90 | 23 |
| 24 | 24.00 | 24.10 | 24.20 | 24.30 | 24.40 | 24.50 | 24.60 | 24.70 | 24.80 | 24.90 | 24 |
| 25 | 25.00 | 25.10 | 25.20 | 25.30 | 25.40 | 25.50 | 25.60 | 25.70 | 25.80 | 25.90 | 25 |
| 26 | 26.00 | 26.10 | 26.20 | 26.30 | 26.40 | 26.50 | 26.60 | 26.70 | 26.80 | 26.90 | 26 |
| 27 | 27.00 | 27.10 | 27.20 | 27.30 | 27.40 | 27.50 | 27.60 | 27.70 | 27.80 | 27.90 | 27 |
| 28 | 28.00 | 28.10 | 28.20 | 28.30 | 28.40 | 28.50 | 28.60 | 28.70 | 28.80 | 28.90 | 28 |
| 29 | 29.00 | 29.10 | 29.20 | 29.30 | 29.40 | 29.50 | 29.60 | 29.70 | 29.80 | 29.90 | 29 |
| 30 | 30.00 | 30.10 | 30.20 | 30.30 | 30.40 | 30.50 | 30.60 | 30.70 | 30.80 | 30.90 | 30 |
| 31 | 31.00 | 31.10 | 31.20 | 31.30 | 31.40 | 31.50 | 31.60 | 31.70 | 31.80 | 31.90 | 31 |
| 32 | 32.00 | 32.10 | 32.20 | 32.30 | 32.40 | 32.50 | 32.60 | 32.70 | 32.80 | 32.90 | 32 |
| 33 | 33.00 | 33.10 | 33.20 | 33.30 | 33.40 | 33.50 | 33.60 | 33.70 | 33.80 | 33.90 | 33 |
| 34 | 34.00 | 34.10 | 34.20 | 34.30 | 34.40 | 34.50 | 34.60 | 34.70 | 34.80 | 34.90 | 34 |
| 35 | 35.00 | 35.10 | 35.20 | 35.30 | 35.40 | 35.50 | 35.60 | 35.70 | 35.80 | 35.90 | 35 |
| 36 | 36.00 | 36.10 | 36.20 | 36.30 | 36.40 | 36.50 | 36.60 | 36.70 | 36.80 | 36.90 | 36 |
| 37 | 37.00 | 37.10 | 37.20 | 37.30 | 37.40 | 37.50 | 37.60 | 37.70 | 37.80 | 37.90 | 37 |
| 38 | 38.00 | 38.10 | 38.20 | 38.30 | 38.40 | 38.50 | 38.60 | 38.70 | 38.80 | 38.90 | 38 |
| 39 | 39.00 | 39.10 | 39.20 | 39.30 | 39.40 | 39.50 | 39.60 | 39.70 | 39.80 | 39.90 | 39 |
| 40 | 40.00 | 40.10 | 40.20 | 40.30 | 40.40 | 40.50 | 40.60 | 40.70 | 40.80 | 40.90 | 40 |
| 41 | 41.00 | 41.10 | 41.20 | 41.30 | 41.40 | 41.50 | 41.60 | 41.70 | 41.80 | 41.90 | 41 |
| 42 | 42.00 | 42.10 | 42.20 | 42.30 | 42.40 | 42.50 | 42.60 | 42.70 | 42.80 | 42.90 | 42 |
| 43 | 43.00 | 43.10 | 43.20 | 43.30 | 43.40 | 43.50 | 43.60 | 43.70 | 43.80 | 43.90 | 43 |
| 44 | 44.00 | 44.10 | 44.20 | 44.30 | 44.40 | 44.50 | 44.60 | 44.70 | 44.80 | 44.90 | 44 |
| 45 | 45.00 | 45.10 | 45.20 | 45.30 | 45.40 | 45.50 | 45.60 | 45.70 | 45.80 | 45.90 | 45 |
| 46 | 46.00 | 46.10 | 46.20 | 46.30 | 46.40 | 46.50 | 46.60 | 46.70 | 46.80 | 46.90 | 46 |
| 47 | 47.00 | 47.10 | 47.20 | 47.30 | 47.40 | 47.50 | 47.60 | 47.70 | 47.80 | 47.90 | 47 |
| 48 | 48.00 | 48.10 | 48.20 | 48.30 | 48.40 | 48.50 | 48.60 | 48.70 | 48.80 | 48.90 | 48 |
| 49 | 49.00 | 49.10 | 49.20 | 49.30 | 49.40 | 49.50 | 49.60 | 49.70 | 49.80 | 49.90 | 49 |
| 50 | 50.00 | 50.10 | 50.20 | 50.30 | 50.40 | 50.50 | 50.60 | 50.70 | 50.80 | 50.90 | 50 |

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

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TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

These corrections are to be added to the approximate values, found by dividing the tangent, or external, for a 1° curve (Table VIII) by the degree of curve, in order to obtain the true tangents, or externals. Intermediate values may be obtained by interpolation.

FOR TANGENTS ADD

| Central Angle | DEGREE OF CURVE |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|               | 5°              | 10°  | 15°  | 20°  | 25°  | 30°  | 35°  | 40°  | 45°  | 50°  | 55°  | 60°  | 65°  | 70°  |
| 10°           | .03             | .06  | .09  | .13  | .16  | .19  | .22  | .25  | .28  | .31  | .34  | .38  | .42  | .46  |
| 15°           | .04             | .10  | .14  | .19  | .24  | .29  | .34  | .39  | .45  | .51  | .53  | .58  | .63  | .68  |
| 20°           | .06             | .13  | .19  | .26  | .32  | .39  | .45  | .51  | .58  | .65  | .72  | .79  | .84  | .90  |
| 25°           | .08             | .16  | .24  | .33  | .40  | .49  | .58  | .67  | .75  | .83  | .90  | .99  | 1.06 | 1.14 |
| 30°           | .10             | .19  | .29  | .39  | .49  | .59  | .69  | .79  | .89  | .99  | 1.09 | 1.20 | 1.29 | 1.39 |
| 35°           | .11             | .22  | .34  | .47  | .58  | .69  | .79  | .89  | .99  | 1.09 | 1.20 | 1.31 | 1.42 | 1.54 |
| 40°           | .13             | .26  | .40  | .53  | .67  | .80  | .93  | 1.06 | 1.20 | 1.34 | 1.49 | 1.64 | 1.79 | 1.94 |
| 45°           | .15             | .30  | .44  | .60  | .76  | .91  | 1.06 | 1.21 | 1.37 | 1.52 | 1.70 | 1.87 | 2.04 | 2.21 |
| 50°           | .17             | .34  | .51  | .68  | .85  | 1.02 | 1.19 | 1.36 | 1.54 | 1.72 | 1.91 | 2.10 | 2.29 | 2.48 |
| 55°           | .19             | .38  | .57  | .76  | .95  | 1.14 | 1.32 | 1.52 | 1.72 | 1.92 | 2.14 | 2.35 | 2.56 | 2.77 |
| 60°           | .21             | .42  | .63  | .84  | 1.05 | 1.27 | 1.49 | 1.71 | 1.94 | 2.17 | 2.38 | 2.60 | 2.83 | 3.07 |
| 65°           | .23             | .46  | .69  | .93  | 1.16 | 1.40 | 1.64 | 1.88 | 2.13 | 2.38 | 2.63 | 2.88 | 3.13 | 3.39 |
| 70°           | .25             | .51  | .76  | 1.02 | 1.28 | 1.54 | 1.80 | 2.06 | 2.33 | 2.60 | 2.88 | 3.16 | 3.44 | 3.72 |
| 75°           | .27             | .56  | .83  | 1.12 | 1.40 | 1.69 | 1.98 | 2.27 | 2.57 | 2.87 | 3.16 | 3.47 | 3.78 | 4.09 |
| 80°           | .30             | .61  | .91  | 1.22 | 1.53 | 1.84 | 2.15 | 2.46 | 2.78 | 3.10 | 3.44 | 3.78 | 4.12 | 4.46 |
| 85°           | .33             | .66  | 1.00 | 1.33 | 1.68 | 2.02 | 2.36 | 2.70 | 3.05 | 3.40 | 3.77 | 4.14 | 4.55 | 4.89 |
| 90°           | .36             | .72  | 1.09 | 1.45 | 1.83 | 2.20 | 2.57 | 2.94 | 3.32 | 3.70 | 4.10 | 4.50 | 4.91 | 5.32 |
| 95°           | .39             | .79  | 1.19 | 1.55 | 2.00 | 2.40 | 2.80 | 3.20 | 3.61 | 4.02 | 4.40 | 4.85 | 5.38 | 5.83 |
| 100°          | .43             | .86  | 1.30 | 1.74 | 2.18 | 2.62 | 3.06 | 3.50 | 3.95 | 4.40 | 4.88 | 5.37 | 5.85 | 6.34 |
| 110°          | .51             | 1.03 | 1.56 | 2.08 | 2.61 | 3.14 | 3.67 | 4.21 | 4.76 | 5.31 | 5.86 | 6.43 | 7.01 | 7.60 |
| 120°          | .62             | 1.25 | 1.93 | 2.52 | 3.16 | 3.81 | 4.45 | 5.11 | 5.77 | 6.44 | 7.12 | 7.80 | 8.50 | 9.22 |

FOR EXTERNALS ADD

| Central Angle | DEGREE OF CURVE |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|               | 5°              | 10°  | 15°  | 20°  | 25°  | 30°  | 35°  | 40°  | 45°  | 50°  | 55°  | 60°  | 65°  | 70°  |
| 10°           | .001            | .003 | .004 | .006 | .007 | .008 | .009 | .011 | .012 | .014 | .015 | .017 | .018 | .020 |
| 15°           | .003            | .007 | .010 | .014 | .018 | .023 | .027 | .032 | .037 | .043 | .049 | .053 | .057 | .061 |
| 20°           | .006            | .011 | .017 | .022 | .028 | .034 | .038 | .045 | .051 | .057 | .063 | .070 | .076 | .083 |
| 25°           | .009            | .018 | .027 | .036 | .046 | .056 | .065 | .074 | .083 | .093 | .106 | .120 | .127 | .135 |
| 30°           | .013            | .025 | .038 | .051 | .065 | .078 | .090 | .103 | .116 | .129 | .149 | .170 | .179 | .188 |
| 35°           | .018            | .035 | .054 | .072 | .086 | .109 | .131 | .153 | .175 | .197 | .213 | .230 | .247 | .264 |
| 40°           | .023            | .046 | .070 | .093 | .117 | .141 | .172 | .203 | .234 | .265 | .277 | .290 | .315 | .341 |
| 45°           | .030            | .060 | .093 | .119 | .153 | .184 | .216 | .254 | .289 | .325 | .351 | .378 | .411 | .445 |
| 50°           | .037            | .075 | .116 | .151 | .189 | .227 | .266 | .305 | .345 | .384 | .425 | .467 | .508 | .550 |
| 55°           | .046            | .093 | .142 | .188 | .236 | .283 | .332 | .381 | .420 | .479 | .530 | .582 | .641 | .700 |
| 60°           | .056            | .112 | .168 | .225 | .283 | .340 | .398 | .457 | .516 | .575 | .636 | .697 | .774 | .851 |
| 65°           | .067            | .135 | .204 | .273 | .343 | .412 | .483 | .554 | .625 | .697 | .771 | .845 | .922 | 1.01 |
| 70°           | .080            | .159 | .240 | .321 | .403 | .485 | .568 | .652 | .735 | .819 | .906 | .994 | 1.08 | 1.17 |
| 75°           | .095            | .182 | .266 | .353 | .440 | .528 | .618 | .707 | .797 | .887 | .977 | 1.07 | 1.18 | 1.30 |
| 80°           | .110            | .220 | .332 | .445 | .558 | .671 | .787 | .903 | 1.02 | 1.13 | 1.25 | 1.38 | 1.50 | 1.62 |
| 85°           | .128            | .259 | .391 | .524 | .657 | .790 | .926 | 1.06 | 1.20 | 1.34 | 1.47 | 1.62 | 1.76 | 1.91 |
| 90°           | .149            | .299 | .450 | .603 | .756 | .910 | 1.07 | 1.22 | 1.38 | 1.54 | 1.70 | 1.87 | 2.03 | 2.20 |
| 95°           | .174            | .350 | .522 | .706 | .885 | 1.06 | 1.25 | 1.43 | 1.62 | 1.80 | 1.99 | 2.18 | 2.38 | 2.58 |
| 100°          | .200            | .401 | .604 | .809 | 1.01 | 1.22 | 1.43 | 1.64 | 1.85 | 2.06 | 2.28 | 2.50 | 2.73 | 2.96 |
| 110°          | .268            | .536 | .806 | 1.08 | 1.35 | 1.63 | 1.91 | 2.20 | 2.48 | 2.76 | 3.05 | 3.35 | 3.66 | 3.96 |
| 120°          | .360            | .721 | 1.08 | 1.45 | 1.82 | 2.19 | 2.57 | 2.95 | 3.33 | 3.72 | 4.11 | 4.50 | 4.91 | 5.32 |

Index

X sec Horton Ave. Sassafras to Upas. 1

Storm Drain Survey, Boundary & Wightman

& Continuation of North Park Drain. 2-40.

is Wightman St to East of Nile St

Alley Bk. D. Plumosa Park 56-

Survey Block 2 College Park Unit #1

79



X sec. HORTON Ave.

Sassatras to Upas

Noone  
Begg  
Sherman  
D. Sisson  
6-7-49.

25020  
W.O. 2500+

INDEXED

WK

JUL 8 1949

THORN

3481.27

Fd. Man. 2' deep 1

40

3441.27

Ave.

37.5

37.5

2473.30

2454.2 Set Ld. disk

53°57'

40

1474.22

40

1406.4

HORTON

54

1515

0+40

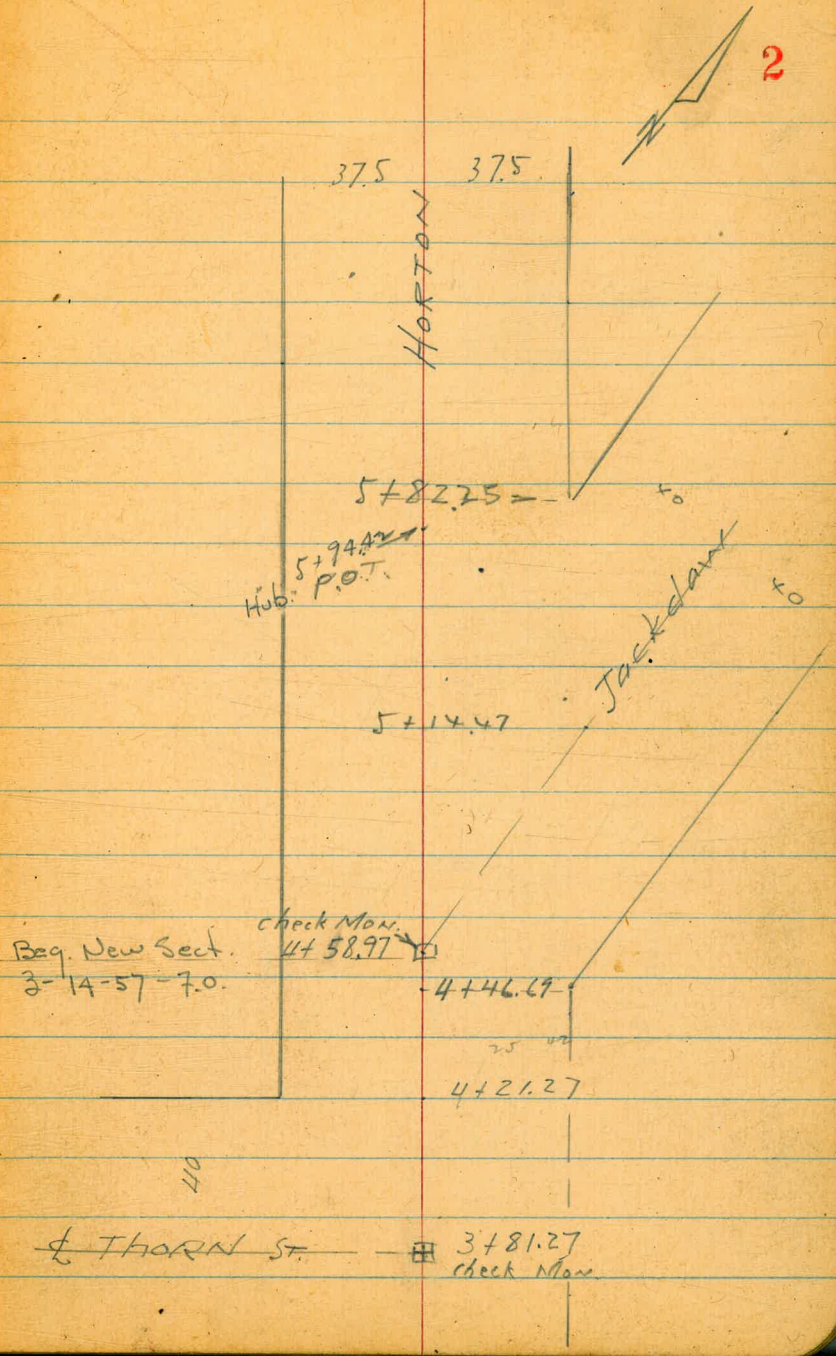
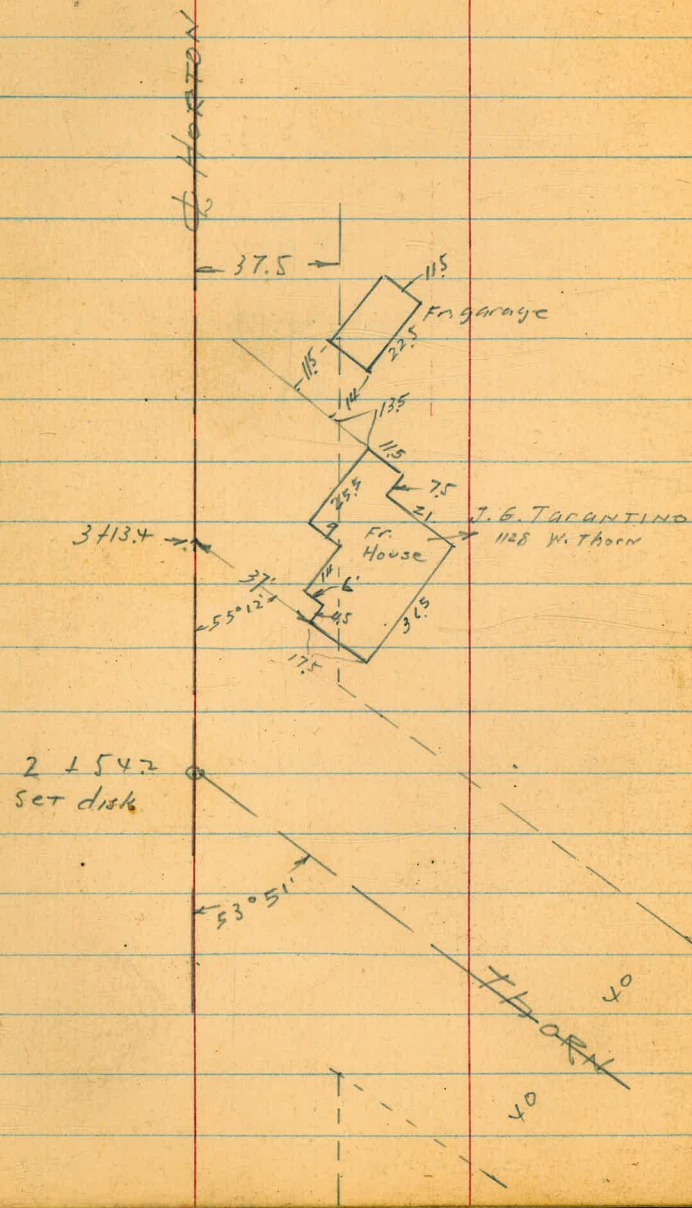
36°07'30"

40

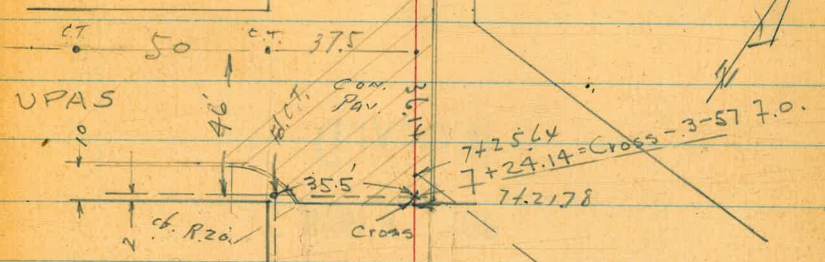
Sassatras 0+00

Fd. Con. Man.

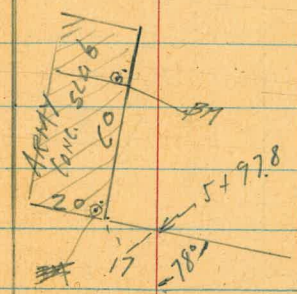








145.66



5+97.8

375

375

Horton Ave



199.02  
 37.50  
 236.52

to establish  
 grade

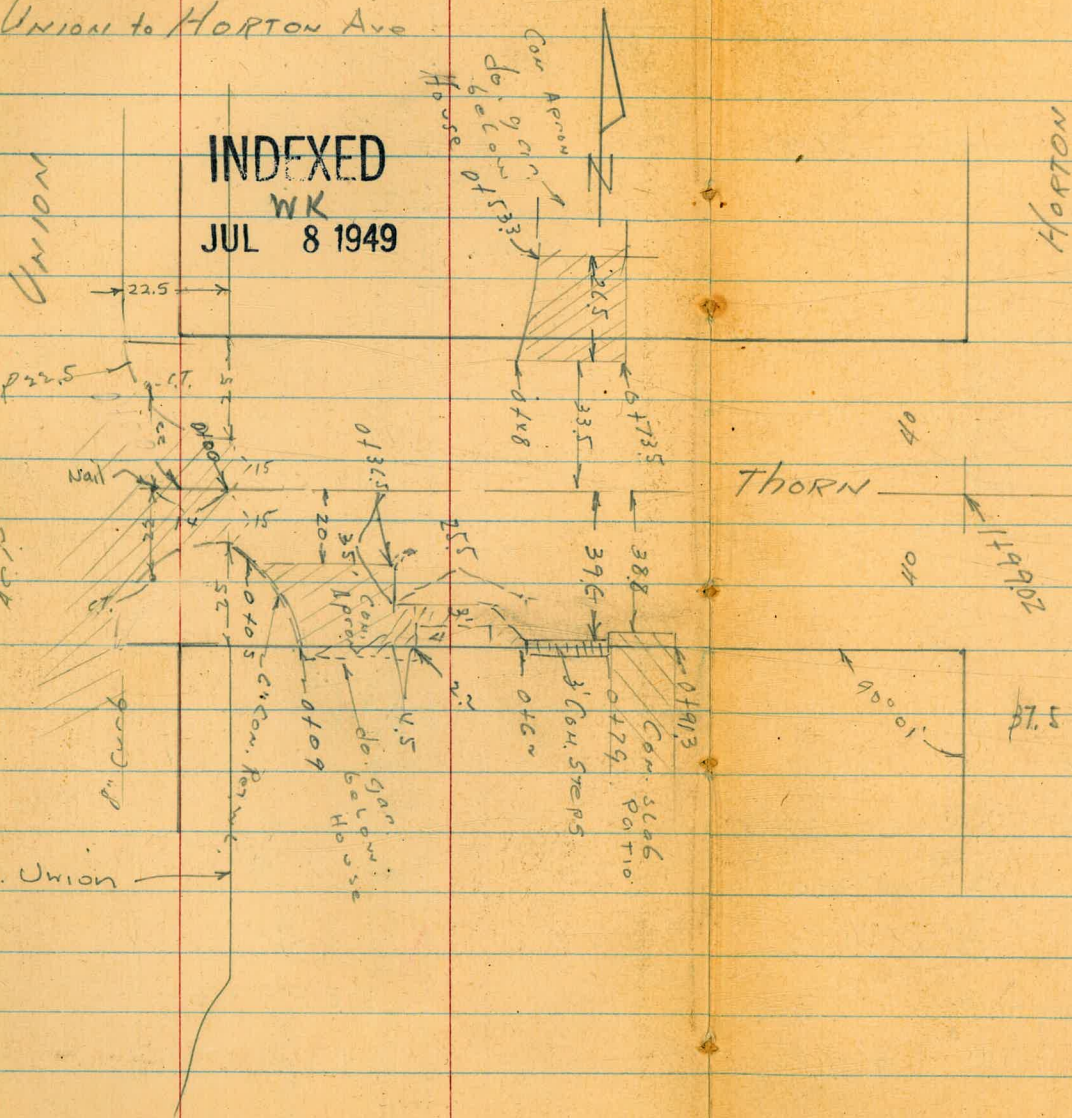
xsec. THORN ST.

UNION to HORTON Ave

**INDEXED**

WK

JUL 8 1949



THORN

HORTON

Mon.

57.5

E.L. Union



Xsec Horton Ave.  
Sassafras to Upas.  
Sketch Pl.

5

0+40

176  
50

123.3  
11.4  
37.5

9.0  
30

8.0  
20

130.5

131  
20

139.2  
37.5

T.P. 0.99 140.92 1005 139.93

0+20

18.8  
37.5

13.12  
20

17.2  
20

140.92  
1513.9

3.1  
24

147.9  
37.5

0+05

19.2  
37.5

132.8  
15

5.8  
20

150.8  
20

156.0  
37.5

0+00 of Sassafras

129.9  
20.1  
37.5

131.9  
18.1  
24

142.6  
7.9  
11

145.1  
4.9  
20

152.5  
+2.5  
20

158.0  
+8.0  
37.5

T.P. 10.58 149.98 044 139.40

T.P. 12.02 139.84 014 127.82

✓ T.P. Set B.M. 7.95 127.96 425 120.01

T.P. 9.73 124.26 095 114.53

T.P. 7.81 115.48 1.3 107.67

T.P. 12.35 109.30 141 96.95

SEBP. 12.36 98.36 86.00

✓ Spruce  
India

Brass Plug  
SW Con. Sassafras and 1615

149.98



2+00

|                     |                     |                     |                     |                     |                     |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| $\frac{128.6}{7.7}$ | $\frac{126.5}{9.8}$ | $\frac{127.0}{9.3}$ | $\frac{124.5}{8.6}$ | $\frac{128.1}{8.7}$ | $\frac{128.5}{7.8}$ |
| $\frac{50}{20}$     | $\frac{37.5}{20}$   | $\frac{20}{20}$     | $\frac{20}{20}$     | $\frac{20}{20}$     | $\frac{37.5}{20}$   |

1+74.7

|                      |                      |                     |                     |                     |                     |
|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|
| $\frac{125.1}{11.2}$ | $\frac{125.8}{10.5}$ | $\frac{126.6}{9.7}$ | $\frac{127.1}{9.2}$ | $\frac{128.3}{8.9}$ | $\frac{128.6}{7.7}$ |
| $\frac{50}{20}$      | $\frac{37.5}{20}$    | $\frac{20}{20}$     | $\frac{20}{20}$     | $\frac{20}{20}$     | $\frac{37.5}{20}$   |

1+50

|                      |                      |                      |                     |                     |                     |
|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|
| $\frac{124.3}{11.0}$ | $\frac{124.7}{11.5}$ | $\frac{126.0}{10.3}$ | $\frac{126.5}{9.8}$ | $\frac{128.3}{8.0}$ | $\frac{131.8}{8.5}$ |
| $\frac{50}{20}$      | $\frac{37.5}{20}$    | $\frac{20}{20}$      | $\frac{20}{20}$     | $\frac{20}{20}$     | $\frac{37.5}{20}$   |

1+064

|                      |                      |                      |                     |                     |                     |
|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|
| $\frac{124.6}{11.7}$ | $\frac{124.5}{11.8}$ | $\frac{124.1}{12.2}$ | $\frac{126.4}{9.9}$ | $\frac{130.4}{5.9}$ | $\frac{134.6}{1.7}$ |
| $\frac{50}{20}$      | $\frac{37.5}{20}$    | $\frac{20}{20}$      | $\frac{20}{20}$     | $\frac{20}{20}$     | $\frac{37.5}{20}$   |

T.P. 148 136.31 609 134.83

|                      |                      |                      |                        |                     |
|----------------------|----------------------|----------------------|------------------------|---------------------|
| $\frac{124.4}{16.5}$ | $\frac{123.9}{17.0}$ | $\frac{124.9}{16.0}$ | $\frac{136.31}{126.8}$ | $\frac{132.4}{1.5}$ |
| $\frac{50}{20}$      | $\frac{37.5}{20}$    | $\frac{20}{20}$      | $\frac{141}{20}$       | $\frac{37.5}{20}$   |

0+85

|                      |                      |                      |                     |                     |                     |
|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|
| $\frac{120.2}{20.7}$ | $\frac{121.4}{19.5}$ | $\frac{126.6}{14.3}$ | $\frac{137.0}{3.9}$ | $\frac{138.9}{2.0}$ | $\frac{140.9}{0.0}$ |
| $\frac{50}{20}$      | $\frac{37.5}{20}$    | $\frac{20}{20}$      | $\frac{20}{20}$     | $\frac{20}{20}$     | $\frac{37.5}{20}$   |

0+60

140.92

140.92



Horton

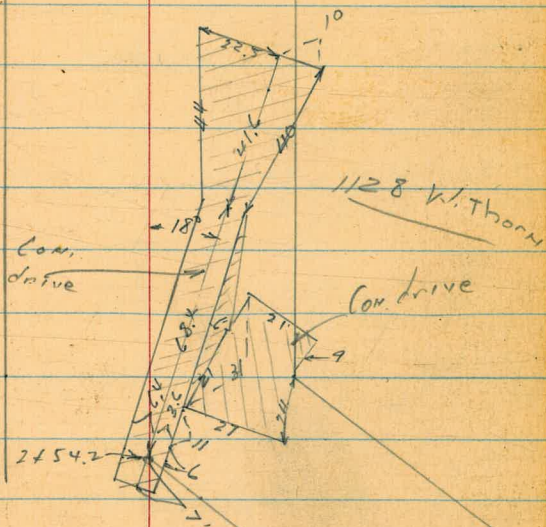
LT

Horton

R

7

Sketch showing con. drives  
in Horton Ave



disk = 2454.2

TP disk  
 $2 \times 54.2$     10.91    1 \times 2.54    468    131.63

2 + 25

136.31

|          |          |     |        |       |       |        |
|----------|----------|-----|--------|-------|-------|--------|
| 2,3134.0 | 5,4130.9 | 7.7 | 7128.9 | 129.0 | 129.3 | Thorne |
| 37.5     | 20       | 15  | x      | 2.3   | 70.   |        |
|          |          |     |        | 20    | 56.5  |        |

136.31



T.P 13.24 16320 367 149.96

374127 SL Thorn to West

3725

T.P 1170 153.63 0.61 141.93

370021

2785

2775

2754.2

142.54

|             |           |           |          |      |
|-------------|-----------|-----------|----------|------|
| 161.6       | 156.6     | 153.6     | 150.2    | 49.9 |
| + 8.0       | + 3.0     | 0.0       | 3.2      | 37   |
| <u>37.5</u> | <u>20</u> | <u>13</u> | <u>8</u> |      |

|             |           |           |      |
|-------------|-----------|-----------|------|
| 157.1       | 152.8     | 148.3     | 47.2 |
| + 3.5       | 0.8       | 5.3       | 0.2  |
| <u>37.5</u> | <u>20</u> | <u>10</u> |      |

|             |           |        |
|-------------|-----------|--------|
| 150.5       | 147.0     | 153.63 |
| + 8.0       | + 4.5     |        |
| <u>37.5</u> | <u>20</u> |        |

|             |           |
|-------------|-----------|
| 148.0       | 145.0     |
| + 5.5       | + 3.0     |
| <u>37.5</u> | <u>20</u> |

|             |           |
|-------------|-----------|
| 147.0       | 143.0     |
| + 4.5       | + 2.5     |
| <u>37.5</u> | <u>20</u> |

|             |           |          |       |
|-------------|-----------|----------|-------|
| 140.8       | 138.2     | 131.9    | 131.6 |
| 1.7         | 5.3       | 10.6     | 109   |
| <u>37.5</u> | <u>13</u> | <u>8</u> |       |

|           |           |             |
|-----------|-----------|-------------|
| 147.5     | 140.8     | 141.2       |
| 6.1       | 12.8      | 12.4        |
| <u>12</u> | <u>13</u> | <u>37.5</u> |

|           |           |             |
|-----------|-----------|-------------|
| 144.6     | 140.0     | 140.6       |
| 9.0       | 13.6      | 13          |
| <u>14</u> | <u>15</u> | <u>37.5</u> |

|          |          |           |           |
|----------|----------|-----------|-----------|
| 141.4    | 136.3    | 136.3     | 131.7     |
| 1.1      | 6.2      | 6.2       | 10.8      |
| <u>4</u> | <u>7</u> | <u>18</u> | <u>32</u> |

|          |           |             |           |
|----------|-----------|-------------|-----------|
| 134.5    | 134.7     | 131.8       | 130.5     |
| 8.0      | 8.8       | 10.7        | 11.9      |
| <u>2</u> | <u>15</u> | <u>15.1</u> | <u>36</u> |

|          |           |             |           |
|----------|-----------|-------------|-----------|
| 133.6    | 132.8     | 131.6       | 130.3     |
| 8.9      | 9.7       | 10.9        | 12.2      |
| <u>3</u> | <u>12</u> | <u>12.1</u> | <u>39</u> |

|          |           |             |
|----------|-----------|-------------|
| 131.6    | 130.5     | 130.2       |
| 10.9     | 12.0      | 12.3        |
| <u>8</u> | <u>20</u> | <u>37.5</u> |

142.54



5 + 14.47

4 + 70

TP 12.85 184.55 0.20 171.704 + 46<sup>69</sup> seasketch p2 Jackdaw

4 + 21 27 N Line of Thorn

TP 9.58 171.90 0.88 162.32

348127 E Thorn

16320

$$\begin{array}{r} 88.0 \\ + 3.4 \\ \hline 37.5 \end{array}$$

$$\begin{array}{r} 187.6 \\ + 3.0 \\ \hline 37.5 \end{array}$$

$$\begin{array}{r} 8.9 \\ + 10.0 \\ \hline 37.5 \end{array}$$

$$\begin{array}{r} 174.6 \\ + 2.7 \\ \hline 37.5 \end{array}$$

$$\begin{array}{r} 169.5 \\ + 5.3 \\ \hline 37.5 \end{array}$$

$$\begin{array}{r} 186.1 \\ + 1.5 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 180.4 \\ + 2.2 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 146.9 \\ + 5.0 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 167.5 \\ + 4.4 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 159.7 \\ 35 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 159.2 \\ 6.0 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 80.3 \\ + 4.3 \\ \hline \end{array}$$

$$\begin{array}{r} 173.6 \\ + 11.0 \\ \hline \end{array}$$

$$\begin{array}{r} 184.55 \\ + 4.0 \\ \hline 167.9 \end{array}$$

$$\begin{array}{r} 160.2 \\ + 11.7 \\ \hline \end{array}$$

$$\begin{array}{r} 171.90 \\ + 7.6 \\ \hline 155.6 \end{array}$$

16320

$$\begin{array}{r} 171.2 \\ + 13.7 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 168.1 \\ + 16.5 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 164.3 \\ + 7.6 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 153.4 \\ + 18.5 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 152.6 \\ 10.6 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 150.1 \\ 13.1 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 166.0 \\ + 18.6 \\ \hline 37.5 \end{array}$$

$$\begin{array}{r} 161.4 \\ + 23.2 \\ \hline 37.5 \end{array}$$

$$\begin{array}{r} 160.7 \\ + 11.2 \\ \hline 37.5 \end{array}$$

$$\begin{array}{r} 151.4 \\ + 20.5 \\ \hline 37.5 \end{array}$$

$$\begin{array}{r} 149.6 \\ 13.6 \\ \hline 37.5 \end{array}$$



+

H1

Horton  
1 Elev

6+60

|                  |                    |                   |                   |                   |                     |                   |
|------------------|--------------------|-------------------|-------------------|-------------------|---------------------|-------------------|
| $\frac{2.8}{45}$ | $\frac{3.9}{37.5}$ | $\frac{12.1}{20}$ | $\frac{13.0}{20}$ | $\frac{14.1}{20}$ | $\frac{14.2}{37.5}$ | $\frac{14.1}{50}$ |
| 214.3            | 212.2              | 205.0             | 204.1             | 203.0             | 202.9               | 203.0             |

6+45.6

|                  |                    |                   |                   |                     |                   |
|------------------|--------------------|-------------------|-------------------|---------------------|-------------------|
| $\frac{4.9}{45}$ | $\frac{5.7}{37.5}$ | $\frac{12.4}{25}$ | $\frac{15.5}{20}$ | $\frac{15.4}{37.5}$ | $\frac{20.1}{50}$ |
| 212.2            | 211.4              | 204.7             | 201.6             | 201.7               | 196.7             |

6+00

|                   |                     |                   |                   |                   |                   |                     |                   |
|-------------------|---------------------|-------------------|-------------------|-------------------|-------------------|---------------------|-------------------|
| $\frac{12.1}{40}$ | $\frac{15.8}{37.5}$ | $\frac{16.6}{20}$ | $\frac{16.8}{20}$ | $\frac{17.0}{20}$ | $\frac{23.1}{30}$ | $\frac{24.6}{37.5}$ | $\frac{27.2}{50}$ |
| 205.0             | 201.3               | 200.5             | 200.3             | 200.1             | 194.0             | 192.5               | 189.9             |

TP 13.07 217.09 0.87 204.02

on bolt sec map p3 217.09

5+82 <sup>25</sup> sec sketch p2 Jack dow

|                    |                  |                  |                   |                     |
|--------------------|------------------|------------------|-------------------|---------------------|
| $\frac{4.3}{37.5}$ | $\frac{5.3}{20}$ | $\frac{5.9}{20}$ | $\frac{13.7}{20}$ | $\frac{19.0}{37.5}$ |
| 200.6              | 199.6            | 199.0            | 191.2             | 185.9               |

TP 11.73 204.89 0.43 193.16

204.89

TP 11.36 193.59 2.22 182.33

193.59

5+55

184.55

|                     |                   |                  |                  |                    |
|---------------------|-------------------|------------------|------------------|--------------------|
| $\frac{+7.5}{37.5}$ | $\frac{+3.8}{20}$ | $\frac{1.1}{20}$ | $\frac{6.5}{20}$ | $\frac{7.6}{37.5}$ |
| 192.1               | 188.4             | 183.4            | 178.1            | 175.0              |

184.55



Horton Ave.

check to BM BP on Curb 256 235.14

T.P. 1025 237.70 266 227.45

7+46.8

7+31.78

7+21.78 56 Upas to West  
S. edge Con Pav.

7+00

T.P. 774 230.11 217 222.37

C+75

T.P. 800 224.54 0.55 216.54

217.09

20.1  
14.3  
15.8

L R

FB 1177-L

11

235.09 F.C.B. Kite, 100' W of UPAS  
005

|        |        |        |        |        |        |       |
|--------|--------|--------|--------|--------|--------|-------|
| 224.98 | 225.45 | 226.29 | 226.32 | 226.32 | 226.86 | 226.7 |
| 5.13   | 4.66   | 3.82   | 3.79   | 3.79   | 3.25   | 3.4   |
| 50     | 37.5   | 15     |        | 2.5    | 2.5    | 15    |
|        |        |        |        | 97     | 06     |       |

|        |        |        |        |       |        |        |       |       |       |
|--------|--------|--------|--------|-------|--------|--------|-------|-------|-------|
| 225.02 | 224.57 | 225.03 | 225.93 | 226.0 | 226.01 | 226.36 | 222.6 | 219.7 | 214.7 |
| 5.09   | 5.54   | 5.08   | 4.18   | 4.11  | 4.10   | 3.75   | 7.5   | 10.4  | 15.4  |
| 50     | 50     | 37.5   | 15     | 4.11  | 2.5    | 2.5    | 20    | 37.5  | 50    |
| 06     | 97     |        |        |       | 97     | 06     |       |       |       |

|        |        |        |        |        |        |        |       |       |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 225.28 | 225.14 | 224.67 | 225.44 | 225.61 | 225.61 | 224.89 | 225.8 | 214.7 |
| 4.83   | 4.97   | 5.44   | 4.67   | 4.50   | 4.50   | 4.22   | 4.3   | 15.4  |
| 37.5   | 30.5   | 30.5   | 15     | 4.50   | 2.5    | 2.5    | 37.5  | 50    |
| Con.   | 06     | 97     |        |        | 97     | 06     | 06    |       |

|       |       |       |       |       |       |        |
|-------|-------|-------|-------|-------|-------|--------|
| 220.7 | 221.9 | 221.4 | 224.8 | 223.0 | 210.6 | 220.81 |
| 9.4   | 8.3   | 5.7   | 5.3   | 7.1   | 19.5  | 22.0   |
| 50    | 37.5  | 20    |       | 20    | 37.5  | 50     |

|       |        |       |       |       |
|-------|--------|-------|-------|-------|
| 217.9 | 230.11 | 204.0 | 203.4 | 203.3 |
| 6.6   | 8.2    | 20.5  | 21.1  | 21.2  |
| 37.5  | 20     | 2.5   | 37.5  | 50    |



xsec THORN  
UNION to HORTON  
P. 4

0+09

|        |   |       |       |   |        |        |        |
|--------|---|-------|-------|---|--------|--------|--------|
| 0210.3 | ✓ | 207.2 | 207.9 | ✓ | 205.77 | 204.13 | 205.77 |
| 40     | 5 | 21    | 15    | 3 | 5      | 20     | 42.2   |
|        |   |       |       |   | Con.   | Con.   | Top    |
|        |   |       |       |   | dr.    | dr.    | Wall   |

0+05

|       |       |       |       |        |        |       |
|-------|-------|-------|-------|--------|--------|-------|
| 210.4 | 208.4 | 208.0 | 207.6 | 206.03 | 207.05 | 206.0 |
| 40    | 22    | 15    | 3     | 4      | 2      | 4     |
|       |       |       |       | Con    | Top    | Wall  |
|       |       |       |       | drive  | Wall   |       |

0+00

|       |       |        |       |       |        |       |
|-------|-------|--------|-------|-------|--------|-------|
| 210.2 | 208.1 | 208.08 | 207.5 | 206.6 | 206.87 | 206.8 |
| 40    | 24    | 15     | 3     | 4     | 15     | 4     |
|       |       |        | dirt  | dirt  | end    | end   |

0-225 Ely Club Union

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 208.10 | 207.66 | 207.45 | 207.17 | 206.50 | 205.82 | 206.01 |
| 2.67   | 3.12   | 3.32   | 3.60   | 4.77   | 5.35   | 4.76   |
| 375    | 375    | 15     |        | 15     | 375    | 375    |
| 66 BC. | 97     |        |        |        | 97     | 66 BC  |

BM 305 210.77 207.72

210.77

Fd. BM. BP NW of <sup>Thorn</sup> and <sub>Union</sub> 976 207.72

No Record. Look up in some xsec BK.  
in this vicinity

T.P 574 217.48 1304 211.74

T.P 149 224.78 1202 223.29

BM BP 017 235.31 235.14

E of Kite, 100' N of Upas

12



Thorn

← = North

↻

↑

13

0+79 - Not for ground - Conc. Same

1.0 201.4  
x0

1.0 203.4  
x25

3x 201.1

8.3 196.1  
15

93.16

117.8 193.15

92.59

385  
PATIO at Bot. Gar. steps

T.P.

1.81 204.43

1.15 202.62

0+73.5

6.75 204.02  
50  
CON  
gar.

6.98 203.79  
40  
CON  
fr.

6.82 202.95  
33.5  
CON  
do

6.72 202.76  
20 15 11  
0.22

6.90 202.66  
9.2  
CON  
fr.

6.98 202.44  
10 15  
CON  
fr.

6.96 202.25  
20 39.5  
CON  
fr.

6.94 202.06  
40  
CON  
fr.

0+62 - Conc. Same - No yardage

6.70 204.07  
50  
CON  
gar.

6.70 204.07  
40  
CON  
fr.

6.70 204.07  
33.5  
CON  
do

6.70 204.07  
20 15 11  
CON  
do

6.70 204.07  
9.2  
CON  
fr.

6.70 204.07  
10 15  
CON  
fr.

6.70 204.07  
20 39.5  
CON  
fr.

6.70 204.07  
40  
CON  
fr.

0+53.3

6.70 204.07  
50  
CON  
gar.

6.60 204.47  
40  
CON  
fr.

6.30 204.47  
33.5  
CON  
do

6.20 204.47  
20 15 11  
CON  
do

6.20 204.47  
9.2  
CON  
fr.

6.20 204.47  
10 15  
CON  
fr.

6.20 204.47  
20 39.5  
CON  
fr.

6.20 204.47  
40  
CON  
fr.

0+53 - 23 Rt. = end of Hedge

0+48

6.16 204.61  
33.5  
CON  
fr.

0+38 - 23 Rt. = Beg. of 4' Hedge - 5' High

1.8 203.9  
x0

1.8 203.9  
x20

1.8 203.9  
x9

1.8 203.94

1.8 204.14

0+34.5

1.83 20  
CON  
fr.

1.63 42.2  
CON  
fr.

1.63 42.2  
CON  
fr.

1.63 42.2  
CON  
fr.

21077

210.77

floor of Gar.



1+9902 w/c Horton - same - usc

1+75 = Ave. Top of fill

T.P. sov 179.10 1285 1790.8

1+59 = Ave top of fill

1+30 - Rt = New fill for House

~~1+25~~

1+10

T.P. 0.39 191.93 1289 1915.4

1+00 - Beg. New Sect. - P. 72

OK to Here 3-57'-7.0

0+97.5 - 12.2 Rt. = E P. pole # 1221 = BM. 193.61 = spike

0+91.3 - Just Conc.

0+95.8 - 34.5' Lt. = end of Battered 8" Conc. wall = wing  
From end shown above

20443

x.4  
40  
174.7

92.2  
40

81.5  
20

10.6

79.0  
20

17.4  
40

161.7

71.9  
40

59.4  
50  
192.8  
40  
40

99.0  
40  
196.8  
25  
20

179.10  
40  
179.10  
20  
20

86.3  
20  
11.4  
25  
40

86.2  
40  
13.1  
50  
85.8

92.8  
50

194.9  
40  
194.9  
25  
20

92.1  
40  
190.3  
20  
191.0

90.2  
20  
191.0  
10  
10

86.5  
10  
197.4  
25  
20

86.1  
20  
196.4  
50  
40.3

85.8  
40  
195.8  
44.1  
86.41

11' top wall

96.22 = Dr.

96.22  
40.6  
197.2  
7.2  
40

92.9  
20  
199.8  
9.6  
20

91.6  
15  
191.93  
10.3  
20

96.2  
15  
191.6  
12.8  
20

85.0  
40  
188.2  
16.2  
40

97.25  
50  
on Dr.

40.4 = Sly. Conc. wall

1/2 Wly. of 10 Conc.

Dr. 190.7  
40  
25

196.2  
8.8  
25

195.6  
10.3  
20

90.3  
11.37  
38.8

92.4  
50  
Con. E.L. Porro.

00.70  
Top =

96.0  
34.5 = gr.

204.43

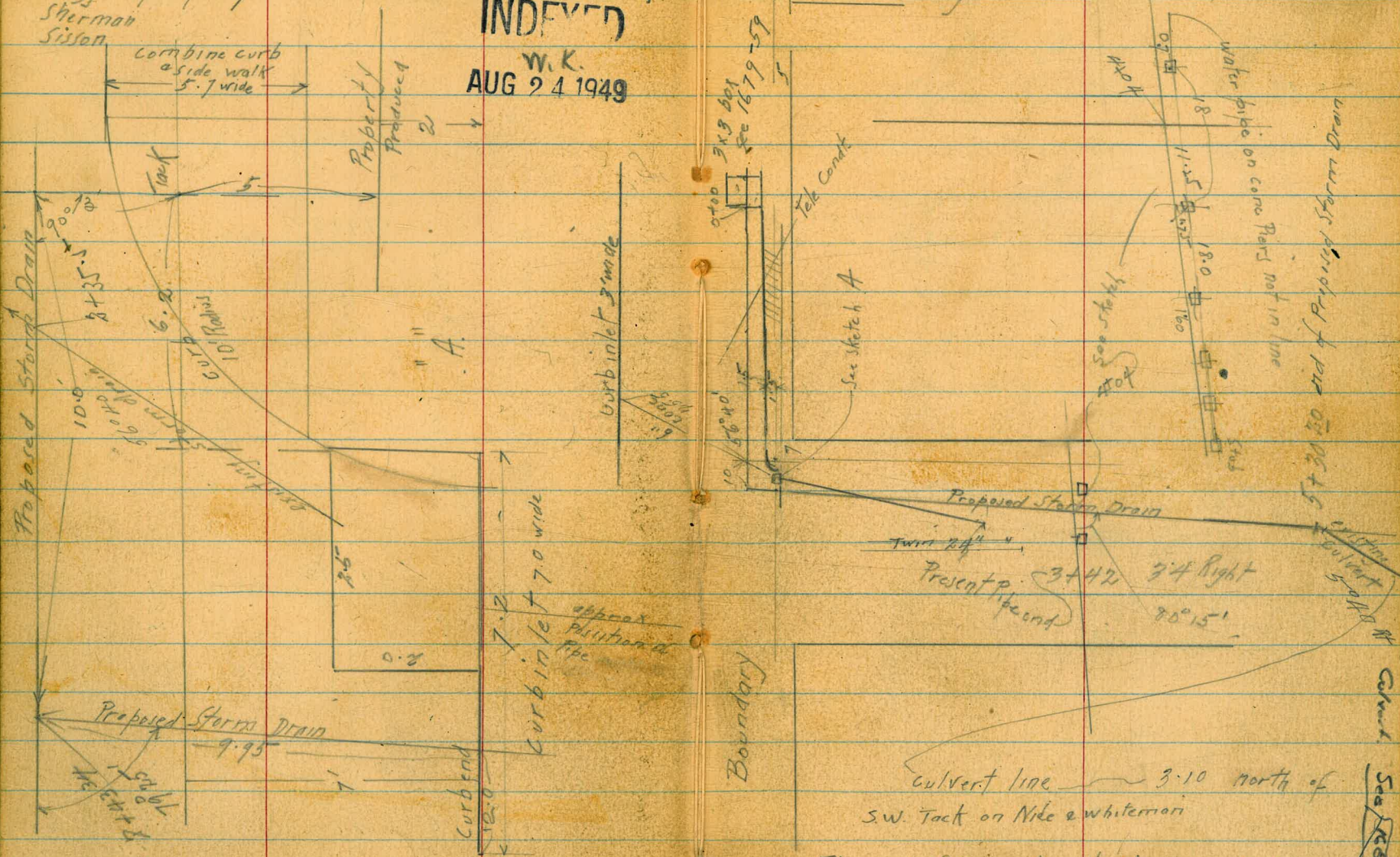


Storm Drain Whiteman  
from Boundary to Nile WO 20568

See Pg. 22 & 23

Beag Sherman Sisson  
8/23/49

INDEXED  
W.K.  
AUG 24 1949



Culvert line 3-10 north of  
SW Tack on Nile & Whiteman  
The end of this culvert is covered up

Culvert  
See 1480-2



7+30 34 BC of curb

7+00

1+50

1+00

+85

Telephone Conduit  
crosses storm drain on line // to right

0+50

0+00

490 330.07

325.16 324.49 324.57 324.61 16

4.91 5.58 5.58 5.46

325.03 1.5 4

5.04 5.56 5.43 5.20

325.14 324.52 324.70 324.97

4.93 5.55 5.37 5.10

325.22 324.73 324.91 325.20

4.85 5.34 5.30 4.87

325.14 324.93 5.14

325.16 325.02 325.11 325.39

4.46 5.05 4.96 4.68

326.07 325.34 325.35 325.63

4.00 4.75 4.69 4.44

325.07 325.34 325.35 325.63

330.07

1679 - 59  
325.17 NE Tack  
Whitman & Bndry



3+33

3+00

2+76

16.2 R. Power Pole P3306

2+60

2+53 24

2+43 34

L. Lt. 79° 25'

2+35 line cross exist. Storm Sewer

330.07  
          

324.2  
5.9  
7

324.7  
5.4  
7

323.6  
6.5

324.7  
5.4

322.3  
7.8  
20

324.3  
5.8  
20

17

325.5  
4.6  
7

326.0  
4.1

326.0  
4.1  
7

325.4  
4.7  
20

323.07  
flow time 7.0  
6" pipe  
also bottom of curb inlet  
324.34  
5.75 grate  
3.5  
L

324.37  
5.70  
L

325.28  
4.79 curb  
L

324.70  
5.37

324.53  
5.54

330.07 ✓  
          

323.39  
6.68 to flow line 6"  
85.5 along pipe R



3+95

5 Lt. JP 3805

18

3+85 end of Twin 24" Pipes "Steel"

These pipes seem to be // to Whitman  
and are almost completely Rotten

3+80

TP.

235 314.57 12.44 312.22

3+60

3+52

TP

6.26 324.66 954 318.40

TP

2.77 327.94 4.90 325.17

3+42

330.07

|       |       |       |       |
|-------|-------|-------|-------|
| 308.2 | 305.2 | 303.2 | 300.3 |
| 6.4   | 9.4   | 11.4  | 14.3  |
| 7     |       | 7     | 20    |

75 ft.  
24" Pipe

|       |       |       |       |
|-------|-------|-------|-------|
| 309.9 | 306.5 | 304.6 | 302.9 |
| 4.7   | 8.1   | 10.0  | 11.7  |
| 7     |       | 7     | 20    |

|       |        |       |       |       |
|-------|--------|-------|-------|-------|
| 317.7 | 314.57 | 314.3 | 310.7 | 306.7 |
| 7.0   | 10.4   | 14.0  | 18.0  |       |
| 7     |        | 7     | 20    |       |

|       |       |       |       |
|-------|-------|-------|-------|
| 323.2 | 322.4 | 311.0 | 311.7 |
| 1.5   | 12.3  | 13.7  | 13.0  |
| 7     |       | 7     | 20    |

324.66

|       |       |       |       |
|-------|-------|-------|-------|
| 323.8 | 318.1 | 320.1 | 317.8 |
| 6.3   | 12.0  | 10.0  | 12.3  |
| 6     |       | 34    | 20    |

Inv't  
end of Pipe

330.07



5+15

|                         |   |                         |                         |                         |           |
|-------------------------|---|-------------------------|-------------------------|-------------------------|-----------|
| <sup>299.6</sup><br>5.2 | 7 | <sup>297.4</sup><br>7.4 | <sup>299.1</sup><br>5.7 | <sup>288.0</sup><br>6.8 | <b>19</b> |
| 7                       |   |                         | 6                       | 20                      |           |

5+0

|                         |   |                         |                         |                         |
|-------------------------|---|-------------------------|-------------------------|-------------------------|
| <sup>299.4</sup><br>5.4 | 7 | <sup>288.3</sup><br>6.5 | <sup>299.1</sup><br>5.7 | <sup>299.2</sup><br>5.6 |
| 7                       |   |                         | 7                       | 20                      |

A+50

|                         |   |                         |                         |                         |
|-------------------------|---|-------------------------|-------------------------|-------------------------|
| <sup>301.0</sup><br>3.8 | 7 | <sup>298.5</sup><br>6.3 | <sup>299.8</sup><br>6.0 | <sup>299.5</sup><br>5.3 |
| 7                       |   |                         | 7                       | 20                      |

H+27

|                         |   |                         |                         |                         |
|-------------------------|---|-------------------------|-------------------------|-------------------------|
| <sup>301.3</sup><br>3.5 | 7 | <sup>299.7</sup><br>5.1 | <sup>299.2</sup><br>5.6 | <sup>299.5</sup><br>5.3 |
| 7                       |   |                         | 7                       | 20                      |

TP 0.56 304.82 10.31 304.26

304.82

H+05 4" Pipe water Main on Piers

|                         |   |                          |                          |                          |
|-------------------------|---|--------------------------|--------------------------|--------------------------|
| <sup>305.6</sup><br>9.0 | 7 | <sup>303.1</sup><br>11.5 | <sup>300.7</sup><br>13.9 | <sup>300.3</sup><br>14.3 |
| 7                       |   |                          | 7                        |                          |
|                         |   | 1.50 Top of Pipe 12" CI  |                          |                          |
|                         |   | 33.17                    |                          |                          |

H+04 see sketch for Piers

314.57

314.6 N  
312.4 S  
2.2  
312.9 = 41.60

314.57



Notes Reduced - 8-26-09

|      |       |        |        |      |        |          |
|------|-------|--------|--------|------|--------|----------|
|      |       | 2.39   | 325.16 | + 01 | 325.17 | See p 16 |
| T.P. | 12.56 | 327.55 | 1.00   |      | 314.99 |          |
| T.P. | 11.42 | 315.99 | 0.25   |      | 304.57 |          |

5 + 30.20 Beginning 30" Pipe conc.  
 The east end of this pipe is plugged up by  
 a fill on the east side of Nile

304.82

|       |        |       |
|-------|--------|-------|
| 301.3 | 294.57 | 299.8 |
| 3.5   | 10.15  | 5.0   |
| 7     | Invert | 5     |

304.82 ✓



Crim

20"

Line  
9+56 = P.I. on old  
st.

Wightman

curb.

10'

17'

H.C. Pave

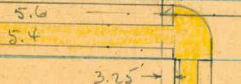
st.

31<sup>st</sup>

st.



Herman  
Prop. Drain to Inlets



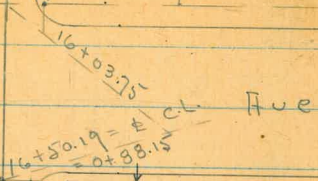
17+91  
17+95

M.H. 13' rt.  
I.E. Elev. 342.00

32<sup>nd</sup>

21

7' ct.



16+50.19 =  
= 0+88.15

Gas Main  
± 6" Sewer

17'

Wightman

H.C. Pave

st.

21+21

21+255

M.H.

Gas Main  
± 6" Sewer



Boundary

st.

Bancroft

23+15.89 st.

7' ct.

Wightman St.

Gas Main

17" F. 6" Sewer

24+5.15  
24+5.5

F.C. Race

st.

Wightman

Fd. ct.

ct.

33rd

25+95.04

7'

7'

See P. 23 for Detail

± A Line

26+51.79  
1+03.05

13° 44' 30"  
103.05

26+55.01 = S Line

129.44  
90° 09' 30"  
7+5' ct.

Boundary



Detail of Inlets at Boundary & Wightman See P. 38- for Notes

See P. 15

INDEXED  
M.K.  
JAN 17 1950

2 opening - 4 High  
3' x 1' Box

H.C. Pave

Boundary

6" Conc Pipe

P. 15

Set Disk

5.7 Comb.

6.7 opening - 8' High

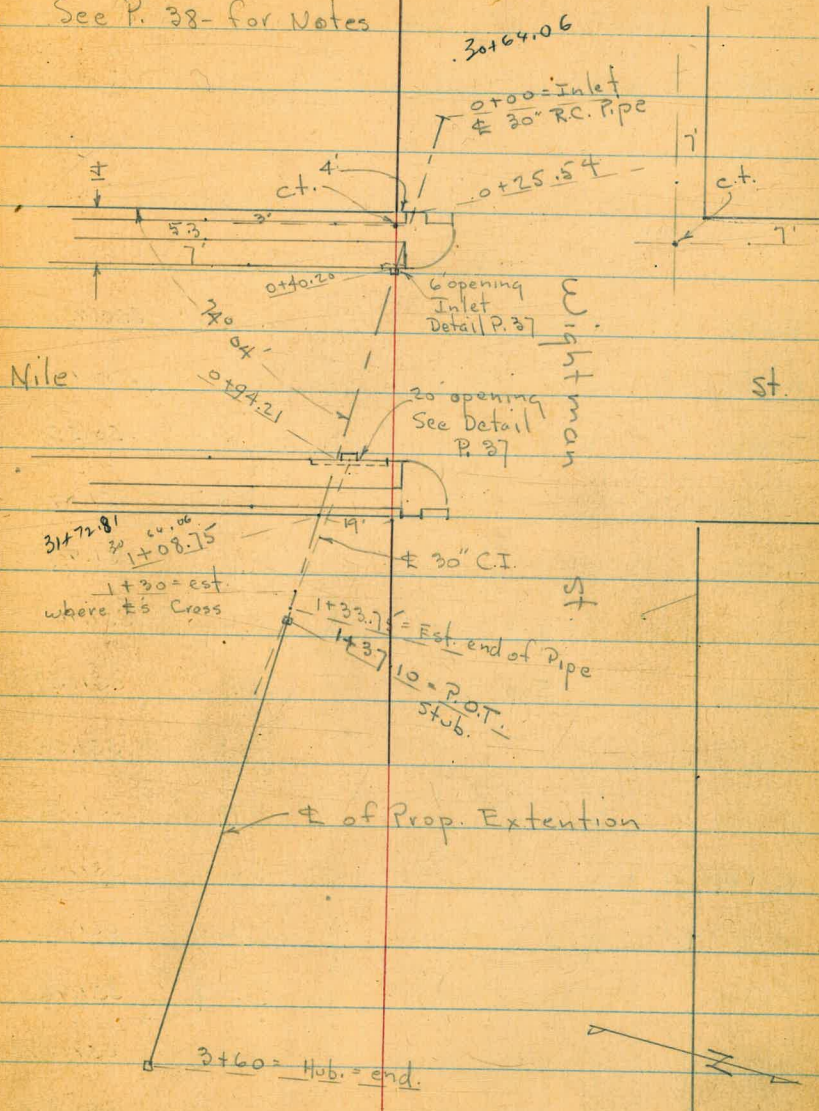
2.5 x 2 Box  
+ Grate

24" Steel pipe

Nile

Wightman

st.



3+164.06

0+00 = Inlet  
# 30" RC. Pipe

0+25.54

ct. 4'

5.3'

0+40.20

30' 04'

0+94.21

Opening Inlet Detail P. 37

20 opening See Detail P. 37

3+72.81

1+08.75

1+30 = est. where #5 Cross

# 30" C.I.

1+33.75 = Est. end of Pipe

1+37.10 = P.O.T. stub.

# of Prop. Extension

3+60 = Hub. = end.



W.O. 20441

Osborne  
Hardin  
Hatch  
Shepard

1-13-50

357.35 ✓

24

Levels along  $\Phi$  of Prop Drain in Wightman

Grim to Boundary - Sec B 2024 - for Start.

sw 7' ct.

B.M.  
Wightman + Grim

6.80

357.35 ✓

350.55 - P.32

B-2024

13+00

No Cross gut.

4.63

352.72

13+22

E

4.92

352.83

17' Lt. = in gut.

5.39

351.96

67' Lt. = " "

4.72

352.63

9+56 = P.I. on old line

6.60

350.75

13+50 - E

4.43

352.92

9+89 = Cross gut

6.87

350.88

6.8' Lt. = gut.

5.74

351.61

10+00

6.80

350.55

" Top

5.18

352.17

+50

6.28

351.07

10' Rt.

5.20

352.15

11+00 - E

5.92

351.93

14+00

5.86

351.89

6.8' Lt. = gut

6.19

351.16

T.P. 3.88 355.05 ✓

6.18

351.17

" Top cb.

5.76

351.59

14+50

4.06

350.99

10' Rt.

5.83

351.52

15+00 E

4.54

350.51

11+50

5.77

351.58

6.8' Lt. = gut.

4.76

352.29

12+00 - E

5.50

351.85

" Top

4.24

350.81

6.8' Lt. = gut.

5.63

351.72

10' Rt.

4.32

350.73

Top

5.37

351.98

15+50

5.08

349.97

10' Rt.

5.46

351.89

NW 7' ct.

Set B.M. on - Herman

5.08

349.97 ✓

12+50

(Flows South)

5.31

352.08

15+97

flows S.

5.53

349.52

12+77 - Cross gut.

5.40

351.95

16+10 - Cross gut.

5.63

349.92

Cont. on P. 27



355.05 ✓

355.05

25

|  |       |      |                      |   |      |        |        |
|--|-------|------|----------------------|---|------|--------|--------|
| Levels on S.W. Return - Herman +         |       |      | 10' E. of 20' P.C. = | Top   | 5.60 | 349.95 |        |
| Wright man - for Prop. Inlets + 20' Rad. |       |      | P.C. of 10' Rad.     | gut.  | 6.12 | 348.93 |        |
| Using cb.s as Base line                  |       |      | 5' out               |   | 5.97 | 349.08 |        |
| 20' S. of 20' Rad. P.C.                  | - Top | 5.91 | 349.14               | 7' E. = W.L.  | Top  | 5.69   | 349.37 |
|  | gut.  | 6.45 | 348.60               |   | gut. | 6.09   | 348.96 |
| 20' Rad. P.C.                            | Top   | 5.75 | 349.30               | 2.7' in - walk                                      |      | 5.56   | 349.49 |
| 3.7' N. + 2.8' in = $\Phi$ 12" Palm      | gut.  | 6.30 | 348.75               | 8' in "   |      | 5.47   | 349.58 |
| 5' out                                   |       | 6.14 | 348.91               | 20' Rad. P.C.                                       | Top  | 5.58   | 349.47 |
| 5.6' in = walk                           |       | 5.60 | 349.95               |   | gut. | 6.04   | 349.01 |
| 11' in = "                               |       | 5.45 | 349.60               | 5' out  |      | 5.85   | 349.20 |
| 10' N. = 10' Rad. P.C.                   | Top   | 5.54 | 349.51               | 2.7' in = walk                                      |      | 5.51   | 349.59 |
|  | gut.  | 6.13 | 348.92               | 8' in = "   |      | 5.43   | 349.62 |
| 5' out                                   |       | 6.01 | 349.09               | 20' W. of 20' P.C.                                  | Top  | 5.44   | 349.61 |
| 5.6' in = walk                           |       | 5.52 | 349.53               |   | gut. | 5.90   | 349.15 |
| 11' in = walk - beg Private walk         |       | 5.36 | 349.69               | 6.4' E. of W. 20' P.C. + 0.6' in = $\Phi$ P. Pole # |      | 3149   |        |
| 13' on Private walk                      |       | 5.41 | 349.62               |   |      |        |        |
| $\Phi$ of Returns - Top                  |       | 5.54 | 349.51               |   |      |        |        |
|  | gut.  | 6.06 | 348.99               |   |      |        |        |
| 5' out                                   |       | 5.98 | 349.07               |   |      |        |        |
| 4.2' in = 20' Rad                        |       | 5.47 | 349.58               |   |      |        |        |



355.05 ✓

|                                 |      |      |        |
|---------------------------------|------|------|--------|
| S.E. Return - Herman + Wightman |      |      |        |
| 20' S. of 20' P.C.              | Top  | 6.39 | 348.66 |
|                                 | gut. | 6.87 | 348.18 |
| 20' Rad. P.C.                   | Top  | 6.20 | 348.85 |
|                                 | gut  | 6.74 | 348.31 |
| 5' out                          |      | 6.37 | 348.68 |
| 5.6 in = walk                   |      | 6.00 | 349.05 |
| 11' in "                        |      | 5.79 | 349.26 |
| 10' N. = 10' P.C. = S.L.        | Top  | 6.03 | 349.02 |
|                                 | gut  | 6.54 | 348.51 |
| 5' out                          |      | 6.24 | 348.81 |
| 5.6 in = walk                   |      | 5.92 | 349.13 |
| 11' in - "                      |      | 5.89 | 349.16 |
| ♀ - Return                      | Top  | 6.04 | 349.01 |
|                                 | gut  | 6.39 | 348.66 |
| 5' out                          |      | 6.35 | 348.70 |
| 4.1' in = 20' Rad.              |      | 5.96 | 349.09 |
| 10' W. of 20' P.C. = 10' P.C.   | Top  | 6.09 | 348.96 |
|                                 | gut  | 6.44 | 348.61 |
| 5' out                          |      | 6.19 | 348.86 |

355.05 ✓

26

|   |       |      |        |
|---|-------|------|--------|
| 7' W. of 20' P.C. = E.L.                      | - Top | 6.02 | 349.03 |
|   | gut   | 6.44 | 348.61 |
| 27 in = walk                                  |       | 5.96 | 349.09 |
| 8 in  |       | 5.92 | 349.13 |
| 20' P.C.                                      | Top   | 6.24 | 348.81 |
|   | gut   | 6.61 | 348.44 |
| 5' out  |       | 6.28 | 348.77 |
| 27 in = walk                                  |       | 6.06 | 348.99 |
| 8 in = "                                      |       | 6.01 | 349.09 |
| 20' E. of 20' P.C.                            | - Top | 6.35 | 348.70 |
|   | gut   | 6.82 | 348.23 |
| ± Levels on Connecting Culverts Bet. inlets + |       |      |        |
| Clean out on Main Line - See sketch - P. 21   |       |      |        |
| S.W. Inlet                                    |       |      |        |
| 0+00 = ± Box at = on grass                    |       | 5.6  | 349.4  |
| 0+21 = ± St.                                  |       | 5.91 | 349.18 |
| 0+41.93 = ± Box at S.E. inlet                 |       | 6.0  | 349.0  |
| 0+70  |       | 6.18 | 348.87 |
| 0+88.15 = ± Clean out =                       |       | 6.00 | 349.05 |
| 16+50.19 on St. Drain                         |       |      |        |



Cont. from P. 24.

355.05 ✓

|                       |      |        |
|-----------------------|------|--------|
| 16+30 = ±             | 5.38 | 389.67 |
| in gut. (flows S.)    |      |        |
| 16+50.19 = ± Cleanout | 6.00 | 389.05 |
| 17+00 = ±             | 6.14 | 388.91 |
| 6.7' Lt. = gut.       | 6.38 | 388.67 |
| " = Top               | 5.84 | 389.21 |
| 10' Rt.               | 6.12 | 388.93 |
| 17+50                 | 6.85 | 388.20 |
| 18+00                 | 7.37 | 387.68 |
| 18+50                 | 7.77 | 387.28 |
| 19+00 = ±             | 8.27 | 386.78 |
| 6.8' Lt. = gut.       | 8.51 | 386.54 |
| " = Top               | 8.01 | 387.04 |
| 10' Rt.               | 8.18 | 386.87 |
| flows S.              |      |        |
| 19+38 = cross gut.    | 8.81 | 386.20 |
| 19+60 = ±             | 8.39 | 386.66 |
| flows S.              |      |        |
| 19+82 = Cross gut.    | 9.13 | 385.92 |
| 20+00                 | 8.89 | 386.16 |
| 6.8' Lt. = gut.       | 9.05 | 386.00 |
| " = Top               | 8.65 | 386.40 |
| 10' Rt.               | 8.84 | 386.21 |

355.05 ✓

27

Book

|   |       |             |
|---|-------|-------------|
| = SW.B.P. - 3rd + Wightman                | 8.71  | 346.34 - 40 |
| T.P. 4.73 351.07 ✓                        |       |             |
| 20+50                                     | 5.19  | 385.88      |
| 21+00                                     | 5.39  | 385.68      |
| 6.8' Lt. = gut.                           | 5.52  | 385.55      |
| " = Top                                   | 5.06  | 386.01      |
| 10' Rt.                                   | 5.39  | 385.68      |
| 21+25.5 - 9.8 Rt = P Sewer M.H. - N. + S. |       |             |
| Top Rim                                   | 5.52  | 385.55      |
| I.F.                                      | 11.07 | 380.00      |
| 21+50                                     | 5.61  | 385.96      |
| 22+00                                     | 5.78  | 385.29      |
| 6.8' Lt. = gut.                           | 5.94  | 385.13      |
| " = Top                                   | 5.48  | 385.59      |
| 10' Rt.                                   | 5.81  | 385.26      |
| 22+50 - No gutter                         | 5.82  | 385.25      |
| Water flows N. around                     |       | N.W. Ret.   |
| " " S. "                                  |       | S.W. Ret.   |
| " " S "                                   |       | S.E. "      |
| " " N+E "                                 |       | N.E. "      |
| 22+90                                     | 5.82  | 385.25      |
| 23+23 -                                   | 5.97  | 385.10      |
| over                                      |       |             |



351.07 ✓

338.91 ✓

28

23+23 Cont.

6.8 Lt. =

gut.

6.25

329.82

"

Top

5.75

325.32

10' Rt.

5.87

325.20

23+50

6.47

329.60

24+00

7.09

323.98

6.8' Lt. = gut.

7.23

323.82

"

= Top

6.68

322.39

10' Rt.

6.94

322.09

24+50

8.83

322.22

24+51.5 = Cross Gas Line

24+55 - 9.3' Rt. = E Sewer M.H.

Top = Rim

8.74

322.33

I.E.

24.62

326.25

24+65 = Brk.

9.46

321.61

T.P. 0.34

338.91 ✓

12.50

328.57

25+00

1.18

337.73

7' Lt. = gut.

1.45

337.26

Top

1.04

337.87

10' Rt.

0.97

337.92

25+50

6.97

331.99

Conc. Pavc

25+88 = end H.C. + Beg.

11.33

327.58

6.8' Lt. = gut.

11.74

327.17

Top

11.15

327.76

10' Rt.

11.10

327.81

26+29 = end Conc + Beg H.C.

12.78

326.13

T.P. 3.92

329.89 ✓

12.94

325.97

26+51.79 = 1+03.05 on "A" Line along Boundary

± = Nail

5.15

324.72

check B.M. N.E. ct. - Boundary + Wightman

325.17 = P. 16

4.83

325.06 ✓

.11 diff.

Add Rods on Exist. Inlet at N.E. Cor.

Boundary + Wightman - See sketch - P. 23

end of cb. Ret. = E.L.

Top

4.84

325.05

gut = grate

5.69

329.20

2' E. = Top of Inlet

4.72

325.17

gut = grate

5.70

329.19

72'S. = S. end.

- Top

4.70

325.19

(over):

gut = Bot. of opening

5.63

329.26



329.89 ✓

|  |      |        |
|--|------|--------|
| 18' W. of S. end = on Pavc (A.C.)                                  | 5.40 | 329.89 |
| I.E. of 24" Iron Pipe - Bottom of Box slopes down to Inlet of Pipe |      |        |
| I.E. of Pipe   | 7.51 | 322.38 |
| I.E. of 6" pipe + Box =  | 6.95 | 322.94 |

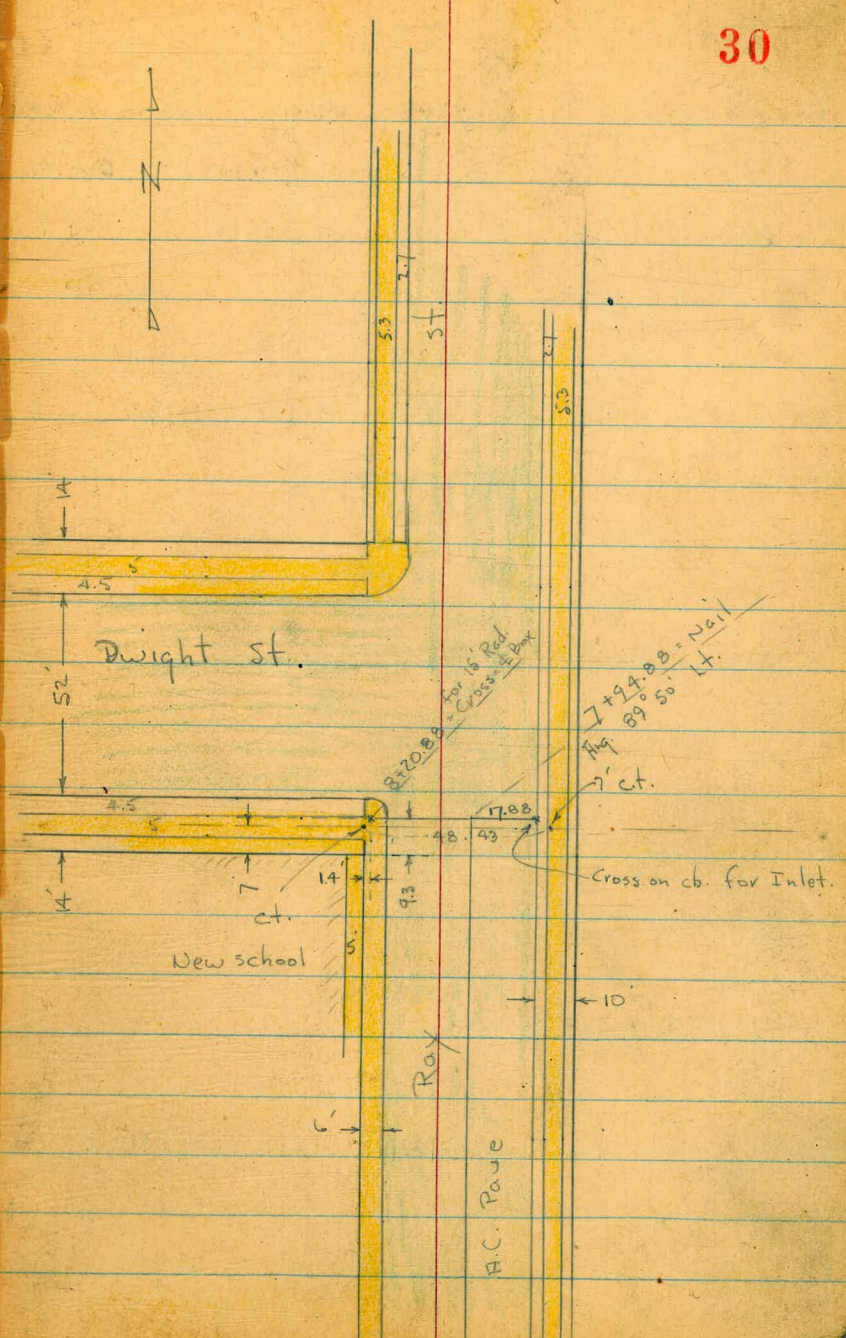
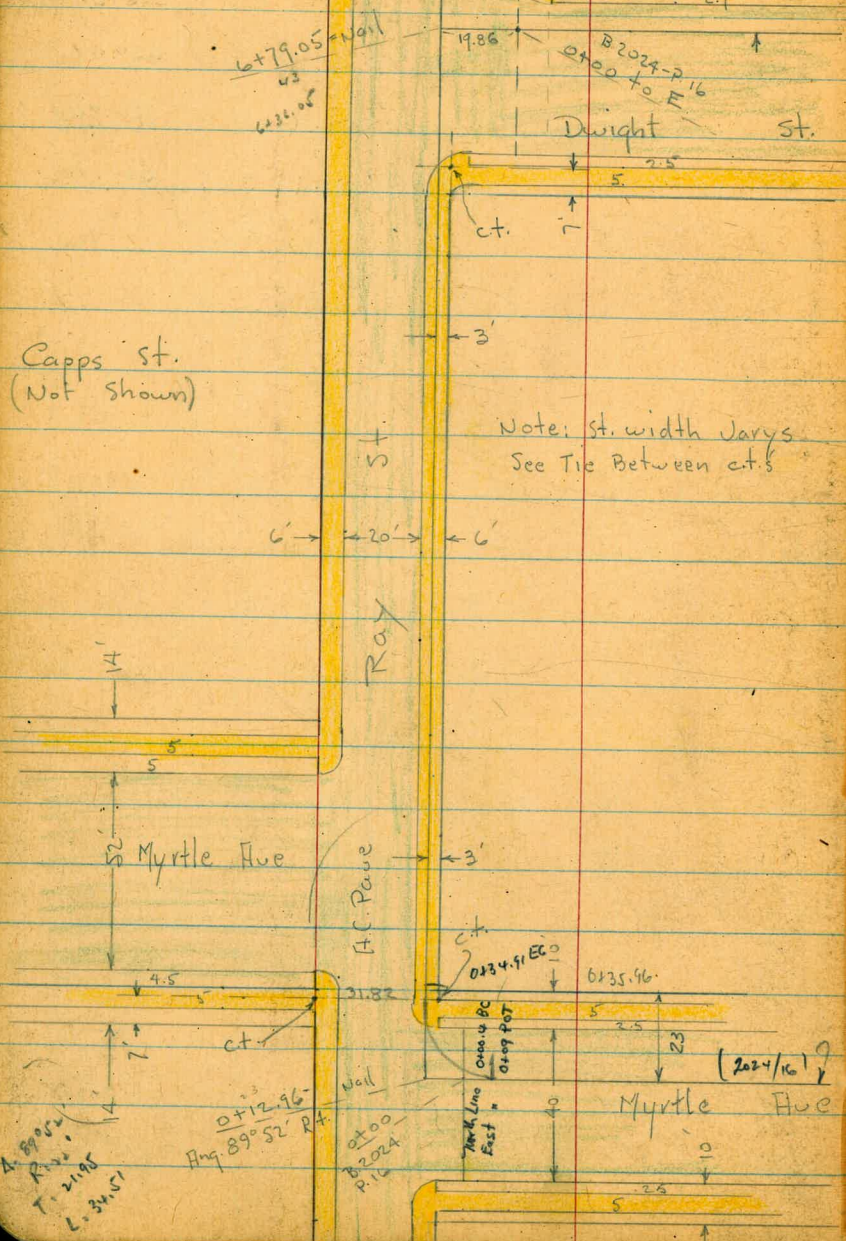
Add Rods about 3' opening inlet on W. cb. of Boundary - Seems this inlet is not essential as gutter across st. would carry water to Inlet on E.

|  |      |        |
|--|------|--------|
| Int. of 6" Pipe + W. cb. = 6" of inlet |      |        |
| Bottom of opening                      | 5.10 | 329.79 |
| I.E. of 6" Pipe + Bottom of Box        | 6.36 | 323.53 |
| 11.5' N. - (along cb. line)            |      |        |
| Top cb.                                | 4.37 | 325.62 |
| gut.                                   | 5.02 | 328.87 |
| 10' N. of 6"                           |      |        |
| Top                                    | 4.25 | 325.68 |
| gut.                                   | 4.87 | 325.02 |
| 15' S. of 6"                           |      |        |
| Top                                    | 4.40 | 325.89 |
| gut.                                   | 5.08 | 328.81 |

29

|              |      |      |        |
|--------------|------|------|--------|
| 15' N. of 6" | Top  | 4.50 | 325.39 |
|              | gut. | 5.08 | 328.81 |
| 20' N.       | Top  | 4.41 | 325.98 |
|              | gut. | 4.99 | 329.90 |







Levels along  $\pm$  of Prop. Drain along  
 E. side of Ray St. - from Myrtle to Dwight.  
 See sketch - P. 30 - See 0+00 on Myrtle - B. 2024 - P. 16

W.O. 20441 Osborne 1-16-50

Hardin  
 Hatch  
 Shepard

0+84 - 2' Lt. -  $\pm$  W.M. = (Water Meter)

0+70

**INDEXED**  
 W.K.  
 JAN 17 1950

0+35.96 = N.L. Myrtle to E.

0+26.6 = Cross cb. on Rt.

0+12.96 = Ang.  $89^{\circ} 52'$  Rt.

0+00 = 0+00 to E. on Myrtle Line - See B. 2024

B.M. 870

335.59

326.89 = s.w. 7' at  
 Myrtle + Grim  
 B. 2024 - P. 32

335.59

Lt. = W.

Rt. = E.

31

329.33 328.78 329.11 329.26 329.41  
 6.26 6.81 6.48 6.33 6.18  
 10 3 2 3  
 9' + Top edge

329.19 328.67 328.91 329.10 329.25  
 6.40 6.92 6.68 6.49 6.34  
 10 3 3 2.9  
 9' + Top edge walk

329.20 328.64 328.94 328.55 328.95 328.53  
 6.39 6.95 6.65 7.04 6.64 7.06  
 10 2 Top 9' + 2 = Top 9' +  
 cb. on cb. P.S. 6' Rad.

329.01  
 6.58  
 Nail

6.64 328.95



4+00

3+99 - 1.4 Lt. =  $\Phi$  W.M.

3+68 - 1.4 Lt. =  $\Phi$  W.M.

3+50

TP 7:33 337.32 ✓ 5.60 329.99 337.32 ✓

3+00

2+98 - 1.3 Lt. =  $\Phi$  of 1.8 x 1.8 W.M. Box

2+50

2+43 - 1.5 Lt. =  $\Phi$  W.M.

2+00

1+86 - 1.5 Lt. =  $\Phi$  W.M.

1+50

1+25 - 2.1 Lt. =  $\Phi$  W.M.

1+00

331.34 Lt 5.98 6.56 6.63 6.98 6.67 6.60 6.50  
 22.2 22.2 10 2.9 2.9 2.1  
 Top gut gut Top edge

330.81 Lt 6.81 7.22 6.91 6.76 6.71  
 10 2.9 2.9 3.1  
 gut Top edge

330.29 Lt 5.30 5.68 5.37 5.26 5.18  
 10 3 3 3  
 gut Top edge

330.05 Lt 5.54 5.95 5.61 5.52 5.44  
 10 2.9 2.9 3.1  
 gut Top edge

331.03 Lt 5.56 5.35 5.49 5.69 6.14 5.85 5.78 5.68  
 22.5 22.5 15 10 3 3 3  
 Top gut gut Top edge

329.70 Lt 5.89 6.40 6.11 6.04 5.97  
 10 3 3 3  
 gut Top edge

329.51 Lt 6.08 6.64 6.34 6.17 6.02  
 10 3.1 3.1 2.9  
 gut Top 335.59 ✓ edge



6 + 46.05 = S. cb. Line

6 + 43.2 = cross cb on Ret.

6 + 36.05 = S.L. Dwight to E.

6 + 00

5 + 59 - 1.5 Lt = £ W.M.

5 + 50

5 + 26 - 1' Lt = £ W.M.

5 + 00

4 + 68 - 1.3 Lt = £ 1.8 x 1.8 W.M. Box

4 + 50

Lt      Rt

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| 332.13 | 331.86 | 331.93 | 331.81 | 332.0v | 331.70 |
| 5.19   | 5.46   | 5.39   | 5.51   | 5.30   | 5.62   |
| 10     |        | 7      | 7      | 15     | 15     |
|        |        | Top    | gut.   | Top    | gut.   |

|        |        |
|--------|--------|
| 331.95 | 331.77 |
| 5.37   | 5.55   |
| Top    | gut.   |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 332.00 | 331.7v | 331.99 | 332.10 | 332.19 |
| 5.32   | 5.60   | 5.33   | 5.22   | 5.13   |
| 10     | 2.9    | 7.9    |        | 3      |
|        |        | Top    |        |        |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 332.53 | 331.78 | 331.66 | 331.43 | 331.7v | 331.8v | 331.9v |
| 4.79   | 5.54   | 5.66   | 5.89   | 5.60   | 5.50   | 5.40   |
| 21.8   | 21.8   | 10     | 3      | 3      |        | 3      |
| Top    | gut.   |        | gut.   | Top    |        | edge   |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 331.37 | 331.1v | 331.45 | 331.58 | 331.67 |
| 5.95   | 6.20   | 5.87   | 5.74   | 5.65   |
| 10     | 3      | 3      |        | 3      |
|        | gut.   | Top    |        | edge   |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 331.87 | 331.11 | 331.14 | 330.85 | 331.19 | 331.25 | 331.31 |
| 5.45   | 6.21   | 6.18   | 6.47   | 6.13   | 6.07   | 6.01   |
| 22     | 22     | 10     | 2.9    | 2.9    |        | 3.1    |
| Top    | gut.   |        | gut.   | Top    |        | edge   |

|        |        |        |          |        |
|--------|--------|--------|----------|--------|
| 330.95 | 330.6v | 330.91 | 330.96   | 331.03 |
| 6.37   | 6.70   | 6.41   | 6.36     | 6.29   |
| 10     | 2.9    | 2.9    |          | 3.1    |
|        | gut.   | Top    | 337.32 ✓ | edge   |



8+16.6 = Gross cb on Ret.

Lt. E Rt.  
333.24  
7.24 6.69  
9.4 Top

8+05

333.63  
6.45 6.75 6.61  
10 10

Intet on E. cb.  
7+94.88 = Ang. 89° 50' Lt - 17.88 Rt. = Conn. to Prop.

333.91 333.78 333.40 333.98  
6.57 6.70 7.08 6.60  
Wall 10 17.88 17.88  
9.4 Top = Cross  
in cb.

7+50

333.39 332.90 333.33  
7.09 7.58 7.15 7.07 7.32 7.68 7.48  
21.5 21.5 10 10 18 18  
Top 9.4 9.4 Top

7+00

333.09 332.56 332.92 332.85 332.48 332.05 332.25  
7.39 7.92 7.56 7.63 8.00 8.43 8.23  
21.7 21.7 10 10 14 14  
Top 9.4 9.4 Top

Prod. w.  
6+79.05 = Int. with E Prop. Drain along Dwight

332.64 332.48 331.98 332.06  
7.84 8.00 8.50 8.42  
10 17- 19.86 = 0+00  
Wall Cross 9.4 Top = E.

T.P. 8.11 340.48 4.95 332.37 340.48

6+66 = ± st

332.43 332.26 331.91 332.02  
4.89 5.06 5.41 5.30  
10 13 20  
337.32 in Cross 9.4



Lt + Rt

|                        |             |        |        |        |                   |
|------------------------|-------------|--------|--------|--------|-------------------|
| check BM - s.w. 7' ct. | Grim Dwight | 4.34   | 334.02 | 334.01 | - B. 2024 - P. 32 |
| T.P.                   | 5.99        | 338.36 | 8.11   | 332.37 |                   |

8 + 20.88 = Cross = end at  $\Phi$  of Box of Prop  
 inlet. in 15' Rad. Return.

6.54 <sup>333.94</sup>  
 on Cross.

340.48 ✓



Rods around S.W. Ret. - Dwight + Ray  
for Prop. 15' Rad Ret + Inlet - use cb. line  
as base line - as before ✓

|   |                 |        |  |
|---|-----------------|--------|--|
| on w. cb. Ray.                                | 340.48 - P. 35' |        |  |
| 20' S. of Prop. 15' Rad. P.C. - Top           | 6.96            | 333.52 |  |
| gut.  | 7.46            | 333.02 |  |
| 6' in = wlk = walk                            | 6.71            | 333.77 |  |
| P.C. 15' Rad. - Top                           | 6.76            | 333.72 |  |
| gut.  | 7.35            | 333.13 |  |
| 5' out  | 7.16            | 333.32 |  |
| 6' in = walk                                  | 6.47            | 339.01 |  |
| 9' N. = P.C. 6' Rad. - Top                    | 6.72            | 333.76 |  |
| gut.  | 7.22            | 333.26 |  |
| 5' out  | 7.08            | 333.40 |  |
| on S. cb. Dwight.                             |                 |        |  |
| 9' E. of P.C. 15' Rad. - P.C. - 6' Rad. - Top | 6.69            | 333.79 |  |
| gut.  | 7.02            | 333.46 |  |
| 5' out  | 6.86            | 333.62 |  |
| P.C. 15' Rad. - Top                           | 6.68            | 333.80 |  |
| gut.  | 7.02            | 333.46 |  |
| 5' out  | 6.78            | 333.70 |  |
| 4.5' in = walk                                | 6.56            | 333.92 |  |

INDEXED  
W.K.  
JAN 17 1950

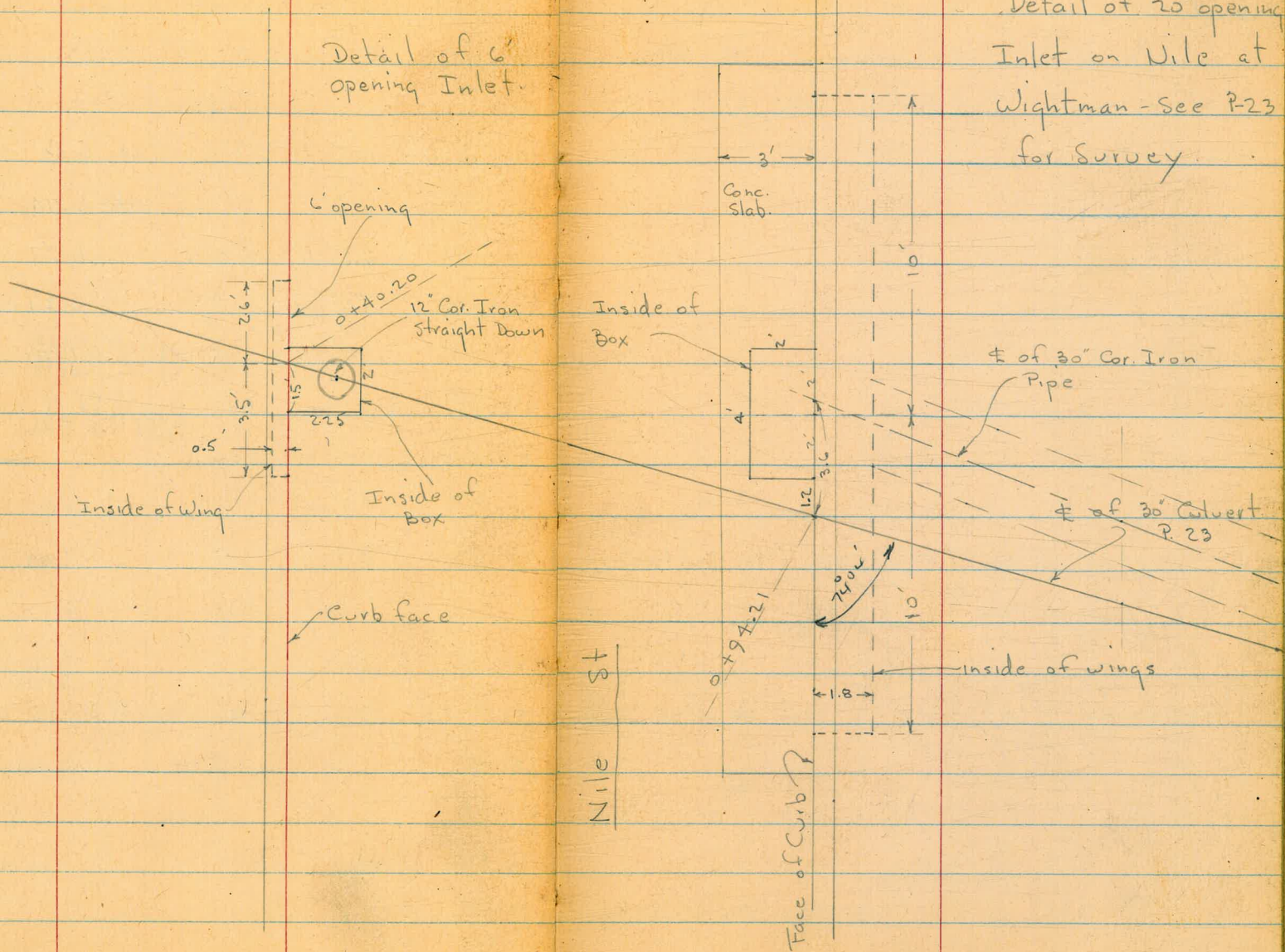
|  |      |        |  |
|--|------|--------|--|
| 9.5' in = walk                               | 6.44 | 339.02 |  |
| 14' "  | 6.32 | 339.16 |  |
| 20' W of P.C. - Top                          | 6.43 | 339.05 |  |
| gut.   | 6.74 | 333.74 |  |
| 4.5' in = walk                               | 6.27 | 339.21 |  |
| 9.5' in = "                                  | 6.27 | 339.21 |  |
| 14' in = "                                   | 6.06 | 339.92 |  |
| Levels along cb. - by Prop Inlet on E. cb. - |      |        |  |
| Both ways from Cross.                        |      |        |  |
| 15' S. - Top                                 | 6.92 | 333.56 |  |
| gut.   | 7.31 | 333.17 |  |
| 15' N. - Top                                 | 6.43 | 339.05 |  |
| gut.   | 6.90 | 333.58 |  |
| 5' out                                       | 6.65 | 333.83 |  |
| 16' N. = Sly of Conc. Dr. - (not used)       |      |        |  |
| 30' N. - Top                                 | 6.21 | 339.27 |  |
| gut.   | 6.67 | 333.81 |  |

Notes Red. ed.  
1-17-50



Detail of 20' opening  
Inlet on Nile at  
Wightman - See P. 23  
for Survey

Detail of 6'  
opening Inlet.





Levels along  $\pm$  of Existing 30"  
 Culvert + Prop. extension. - at Nile  
 + Wightman. - See sketch - P-23 + 37

W.O. 20441

1-26-50 - 7.0.

1+07.1 = Ely. of walk

1+01.5 = wly. of walk

31.50  
 5.67  
 walk  
 31.77  
 5.60  
 walk

0+94.21 =  $\pm$  at face of E. cb on 20' opening

|        |        |                                     |         |                    |         |                |                 |            |        |
|--------|--------|-------------------------------------|---------|--------------------|---------|----------------|-----------------|------------|--------|
| 307.70 | 311.60 | 312.64                              | 307.05  | 311.67             | 312.73  | 311.73         | 312.79          | 311.81     | 308.64 |
| 10.77  | 6.87   | 5.85                                | 11.42   | 6.80               | 5.74    | 6.74           | 5.68            | 6.66       | 9.66   |
| FL Box | gut    | along cb. = Top cb. Nly. of opening | FL. Box | $\pm$ Box pt-grate | Top cb. | gut. = opening | 6.8 = Top cb. = | 6.8 = gut. | 6.8    |
|        |        |                                     |         |                    |         |                | Sly. of opening | FL. of Box |        |

0+40.20 =  $\pm$  at face of W. cb. - on Inlet.

|         |          |                           |         |         |        |          |         |
|---------|----------|---------------------------|---------|---------|--------|----------|---------|
| 311.71  | 311.95   | 298.76                    | 310.10  | 312.81  | 311.94 | 312.06   | 312.86  |
| 5.70    | 6.52     | 24.71                     | 8.37    | 5.66    | 6.53   | 6.41     | 5.61    |
| 2.6 Top | 2.6 gut. | FL. of 30" Thru Vert. 12" | FL. Box | Top cb. | grate  | 3.5 gut. | 3.5 Top |

0+00 = Inlet of 30" RC. Culvert. see P. 20 for Elev.

318.47

3.45 318.47 12.50 315.02 = NW Tct. Nile + Wightman

B.M. 2.38 327.52 325.17 = N.E. 7.5 c.t. Wightman + Boundary - P. 16



2+69 = Cross 2" Water Pipe 8.57 288.57 = Top pipe

2+70

2+67- 9.6 Rt. = Sewer M.H. 1.96 292.15 = Cross on Rim

T.P. 0.33 294.11 12.74 293.78

2+40

T.P. 0.36 306.52 12.31 306.16

2+05 = Toe of New fill

1+70

1+40

1+20

Lt. Rt.

290.1 289.4 286.2 286.4 289.3  
4.0 4.7 7.9 7.7 4.8 2.8 71.3  
20 5 8 10 20

294.11

298.4 292.3 291.4 287.7 287.7 287.7 297.9  
8.1 14.2 15.1 18.8 18.8 18.8 8.6  
20 10 5 2 5 20

306.52

313.1 298.5 290.2 294.4  
5.4 20.0 28.3 24.1 6.7 311.1  
40 18 old slope 10 35

316.1 317.7 305.0 303.5 315.2 315.9  
2.4 0.8 12.5 15.0 3.3 2.6  
35 22 Top 7 30 40

315.3 315.8 314.7 313.7 314.3 314.8 314.1  
3.2 2.7 3.8 4.8 4.2 3.7 4.4  
20 20 10 10 20 30

315.6 314.0 313.5 313.4  
2.9 4.5 5.0 5.1  
15 10 30

318.47



H.

4

Rt.

40

3+60 = Hub = end

3+30

3+10

Notes Reduced. 1-25-50

|     |         |        |      |      |     |
|-----|---------|--------|------|------|-----|
| 8.1 | 11.6    | 10.2   | 10.4 | 11.5 | 7.0 |
| 19  | 12      | 6      | 13.  | 20   |     |
|     | ± Creek |        |      |      |     |
|     | 9.5     | 10.0   | 8.9  | 9.6  | 7.4 |
|     | 25      | 15     | 8    | 8    | 20  |
|     |         | ± Main |      |      |     |
|     |         | Creek  |      |      |     |
| 6.6 | 6.3     | 8.6    | 9.0  | 8.6  | 6.7 |
| 15  | 6       | 3      | 7    | 10   | 20  |

294.11 ✓



Roberts  
Garber  
Moore  
Clark  
W.O. 2006  
4-15-50

X-Section Jarvis St.  
For Rough Grade  
Scott to Shafter  
Shafter to Harbor Dr.

T.P. 704

INDEXED  
N.R.  
APR 17 1950

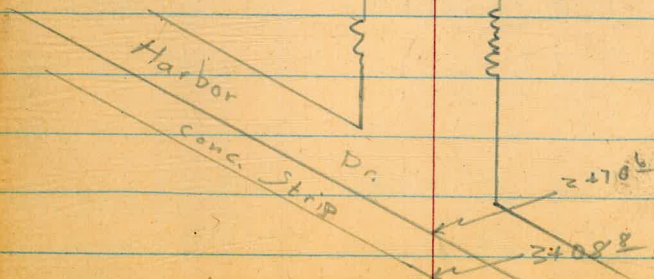
REDUCED 4-25-50  
PALMER SMITH

Scott

SE 41

Fd. 25' 15" Ed dCT in  
NW. Cor. Jarvis & Scott  
Fla 25' 47" Ed dCT in  
NW. Cor. Jarvis & Pasocrans.  
See T.P. 704

shafter





1750 18<sup>2</sup> Lt. to Center T. Pole # 511359H

|               |               |               |               |               |                  |                  |
|---------------|---------------|---------------|---------------|---------------|------------------|------------------|
| $\frac{2}{1}$ | $\frac{5}{1}$ | $\frac{2}{1}$ | $\frac{2}{1}$ | $\frac{2}{0}$ | $\frac{2}{-0.2}$ | $\frac{2}{-0.2}$ |
| 5.4           | 5.1           | 5.4           | 5.4           | 6.4           | 6.8              | 6.8              |
| 50            | 35            | 17            |               | 20            | 35               | 50               |

1700

|               |               |               |               |               |
|---------------|---------------|---------------|---------------|---------------|
| $\frac{2}{2}$ | $\frac{2}{2}$ | $\frac{9}{1}$ | $\frac{2}{2}$ | $\frac{2}{2}$ |
| 4.4           | 4.4           | 4.7           | 4.4           | 4.4           |
| 50            | 35            |               | 35            | 50            |

0750

|               |               |               |               |               |               |
|---------------|---------------|---------------|---------------|---------------|---------------|
| $\frac{2}{3}$ | $\frac{4}{3}$ | $\frac{9}{2}$ | $\frac{1}{3}$ | $\frac{8}{2}$ | $\frac{3}{2}$ |
| 3.4           | 3.2           | 3.7           | 3.5           | 3.8           | 4.3           |
| 50            | 35            |               | 30            | 35            | 50            |

0749<sup>2</sup> 17<sup>2</sup> Lt to Center T. Pole # 511360H

|               |               |               |               |               |               |               |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| $\frac{6}{2}$ | $\frac{3}{3}$ | $\frac{3}{3}$ | $\frac{3}{3}$ | $\frac{4}{3}$ | $\frac{1}{3}$ | $\frac{8}{3}$ |
| 4.0           | 3.3           | 3.3           | 3.3           | 3.2           | 2.9           | 2.8           |
| 100           | 50            | 35            |               | 35            | 50            | 70            |

0700 N. Line Shafter

0-35 # Shafter

|               |               |               |               |               |
|---------------|---------------|---------------|---------------|---------------|
| $\frac{5}{2}$ | $\frac{1}{3}$ | $\frac{2}{3}$ | $\frac{3}{3}$ | $\frac{1}{3}$ |
| 4.1           | 3.5           | 3.4           | 3.3           | 2.9           |
| 100           | 50            |               | 50            | 100           |

T.P. 3.58 6.64 3.26 3.06  
 BM 6.36 6.32 -0.04

NW Scott &  
 Ingleton  
 Navg BM 59  
 See FB 1632 pg 67

6.64



check

5.61 - 0.04 = -0.04 Start. BM

3+35

R

Scott

|                                 |                                |          |                                |                                 |
|---------------------------------|--------------------------------|----------|--------------------------------|---------------------------------|
| 0 <sup>6</sup> / <sub>100</sub> | 0 <sup>0</sup> / <sub>50</sub> | 1.58     | 0 <sup>2</sup> / <sub>50</sub> | 0 <sup>6</sup> / <sub>100</sub> |
| 6.0                             | 5.6                            | 5.06     | 5.7                            | 6.0                             |
|                                 |                                | Rm<br>44 |                                |                                 |

TR

5.06

5.57

6.13

0.51

5.57

3+00

S. Line Scott

|                                 |                 |                                |                                 |                                 |                                |                                |                                |                                |                                |
|---------------------------------|-----------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 0 <sup>3</sup> / <sub>100</sub> | 1.21            | 0 <sup>2</sup> / <sub>50</sub> | 0 <sup>6</sup> / <sub>100</sub> | 0 <sup>6</sup> / <sub>100</sub> | 0 <sup>0</sup> / <sub>50</sub> | 0 <sup>1</sup> / <sub>50</sub> | 0 <sup>2</sup> / <sub>50</sub> | 0 <sup>0</sup> / <sub>50</sub> | 0 <sup>1</sup> / <sub>50</sub> |
| 6.3                             | 5.43            | 5.6                            | 6.0                             | 6.0                             | 6.6                            | 5.9                            | 6.4                            | 6.6                            | 6.7                            |
| 100                             | 40 <sup>2</sup> | 35                             | 20                              |                                 | 14                             | 17                             | 35                             | 50                             | 100                            |
|                                 | Edge<br>walk    |                                |                                 |                                 |                                |                                |                                |                                |                                |

2+75

18<sup>2</sup> Lt to Center T. Pole # 5113584

2+50

|                        |                                |                                 |                                |                                |                                |                                |
|------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 1.19                   | 0 <sup>1</sup> / <sub>50</sub> | 0 <sup>6</sup> / <sub>100</sub> | 0 <sup>2</sup> / <sub>50</sub> | 0 <sup>2</sup> / <sub>50</sub> | 0 <sup>2</sup> / <sub>50</sub> | 0 <sup>3</sup> / <sub>50</sub> |
| 5.45                   | 5.6                            | 6.0                             | 5.9                            | 6.4                            | 6.4                            | 6.3                            |
| 40 <sup>2</sup>        | 35                             | 17                              |                                | 18                             | 35                             | 50                             |
| Edge<br>walk<br>T Pole |                                |                                 |                                |                                |                                |                                |

2+04

23<sup>9</sup> Lt to Edge 8185' Conc. Slab for trash barrels

2+00

|                                 |                                |                                 |                                 |                                |                                |                                |
|---------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 0 <sup>6</sup> / <sub>100</sub> | 0 <sup>4</sup> / <sub>50</sub> | 0 <sup>8</sup> / <sub>100</sub> | 0 <sup>9</sup> / <sub>100</sub> | 0 <sup>2</sup> / <sub>50</sub> | 0 <sup>2</sup> / <sub>50</sub> | 0 <sup>3</sup> / <sub>50</sub> |
| 5.0                             | 5.2                            | 5.8                             | 5.7                             | 6.4                            | 6.4                            | 6.3                            |
| 50                              | 35                             | 20                              |                                 | 20                             | 35                             | 50                             |

6.64

6.64



Weather:-  
Cold!  
Rain! 5-3-50

Cont'd From Page 43

H

E

RE

1412

|     |     |     |            |     |     |     |     |
|-----|-----|-----|------------|-----|-----|-----|-----|
| 2.9 | 2.9 | 3.0 | 3.4        | 2.4 | 2.1 | 0.8 | 44  |
| 4.9 | 4.9 | 4.8 | 4.4        | 5.4 | 7.9 | 8.6 | 1.5 |
| 60  | 35  |     | 20         | 35  | 38  | 58  | 63  |
|     |     |     | Edge Ditch |     |     |     | 70  |

1400

Top Ditch

|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| 2.9 | 2.8 | 3.1 | 1.1 | 1.5 | 1.6 |
| 4.9 | 5.0 | 4.7 | 6.1 | 6.3 | 6.2 |
| 60  | 35  |     | 20  | 35  | 60  |

0+80

Bottom Ditch

|     |            |     |      |      |                           |      |     |                   |      |
|-----|------------|-----|------|------|---------------------------|------|-----|-------------------|------|
| 2.9 | 3.0        | 0.2 | 2.2  | 2.6  | 0.67                      | 2.4  | 1.5 | 1.1               | 3.1  |
| 4.9 | 4.8        | 7.6 | 10.0 | 10.4 | 8.45                      | 10.2 | 9.3 | 8.9               | 10.9 |
| 75  | 55         | 35  | 14   |      | 10                        | 15   | 35  | 50                | 56   |
|     | T.P. Ditch |     |      |      | 6" Sewer line on top pipe |      |     | Bottom Ditch 4 ft |      |

0+58

Edge Ditch

|              |     |     |            |     |     |            |     |           |
|--------------|-----|-----|------------|-----|-----|------------|-----|-----------|
| 2.7          | 1.4 | 1.9 | 3.6        | 3.6 | 3.3 | 2.6        | 1.7 | 1.5       |
| 10.5         | 7.4 | 5.9 | 4.2        | 4.2 | 4.5 | 5.2        | 6.1 | 10.3      |
| 65           | 35  | 24  | 70         | 25  | 35  | 62         | 75  | 78        |
| Bottom Ditch |     |     | T.P. Ditch |     |     | Edge Ditch |     | Sand Bags |

0+50

|              |     |            |     |     |     |
|--------------|-----|------------|-----|-----|-----|
| 2.5          | 2.1 | 3.8        | 3.2 | 2.8 | 2.8 |
| 10.3         | 5.7 | 4.0        | 4.6 | 5.0 | 5.0 |
| 90           | 50  | 35         |     | 35  | 50  |
| Bottom Ditch |     | T.P. Ditch |     |     |     |

0+00

Sly Line Shafter

|     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|
| 3.3 | 3.3 | 3.3 | 2.9 | 2.9 | 2.7 | 2.6 |
| 4.5 | 4.5 | 4.5 | 4.9 | 4.9 | 5.1 | 5.2 |
| 75  | 50  | 33  | 35  | 50  | 75  |     |

TP

3.90 7.78 4.15 3.88

Nail in Pit 21548

BM

8.07 8.03 -0.04

Navy BM 59

7.78



3+08<sup>8</sup> Sly Edge Conc Pav. Strip

↙ Harbor Drive ↗

2+70<sup>6</sup> Nly Edge Conc Pav. Strip

2+50

2+00

1+69

Edge Ditch

1+52

30' RT to Center P. Pole # 2766

14' RL to Deadman

1+50

|     |     |           |           |     |                       |
|-----|-----|-----------|-----------|-----|-----------------------|
| 2.2 | 2.4 | 2.43      | 2.68      | 1.9 | 2.68                  |
| 5.6 | 5.4 | 5.35      | 5.0       | 5.9 | 5.10                  |
| 50  | 35  | 30.3      | Edge Conc | 20  | 40                    |
|     |     | Edge Conc |           |     | Nly Edge of Sly Strip |

|     |     |      |           |
|-----|-----|------|-----------|
| 1.0 | 1.6 | 2.31 | 2.40      |
| 6.8 | 6.2 | 5.47 | 5.38      |
| 50  | 35  |      | 30.3      |
|     |     |      | Edge Conc |

|     |     |     |     |     |     |           |           |
|-----|-----|-----|-----|-----|-----|-----------|-----------|
| 3.4 | 0.3 | 1.1 | 1.1 | 1.1 | 2.2 | 2.3       | 2.1       |
| 4.4 | 7.5 | 6.7 | 6.7 | 6.1 | 5.6 | 5.47      | 5.37      |
| 67  | 62  | 35  | 28  | 16  |     | 17.3      | 4.8       |
|     |     |     |     |     |     | Edge Conc | Edge Conc |

|     |     |     |     |     |     |     |     |           |
|-----|-----|-----|-----|-----|-----|-----|-----|-----------|
| 3.0 | 3.6 | 2.9 | 0.3 | 0.1 | 0.3 | 1.4 | 1.9 | 2.25      |
| 4.8 | 4.2 | 4.9 | 7.5 | 7.9 | 7.5 | 6.4 | 5.9 | 5.53      |
| 60  | 35  | 23  | 21  | 10  |     | 15  | 35  | 55        |
|     |     |     |     |     |     |     |     | Edge Conc |

|     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 8   | 0   | 3   | 9   | 0.1 | 0.2 | 0.3 | 1.6 | 9   |
| 2.1 | 2.1 | 3.3 | 4.9 | 7.9 | 8.0 | 7.5 | 6.3 | 6.0 |
| 5.0 | 4.8 | 4.5 | 4.9 | 7.9 | 8.0 | 7.5 | 6.3 | 6.0 |
| 60  | 35  | 14  |     | 1   | 12  | 35  | 40  | 60  |

|     |     |     |           |     |     |     |     |
|-----|-----|-----|-----------|-----|-----|-----|-----|
| 8   | 8   | 2   | 2.8       | 0.3 | 0.1 | 1.2 | 1.4 |
| 2.1 | 2.1 | 3.2 | 2.8       | 0.3 | 0.1 | 1.2 | 1.4 |
| 5.0 | 5.0 | 4.6 | 5.0       | 8.1 | 7.9 | 6.6 | 5.9 |
| 60  | 35  |     | 13        | 15  | 35  | 50  | 75  |
|     |     |     | TOP DITCH |     |     |     |     |

7.78

7.78



Roberts  
Clark  
Hatch  
Lockhead  
8-28-50  
wp. 62194

P.O. Sect Alley B1K1  
North Highland Park  
33rd to Boundary  
Between E. Rajan & Bramson

see FB 1548 pg 64

44

Q

R

46

0+99.5

72' Rt to Conc. Bldg. <sup>Begin</sup> 71' Rt to End Bldg.

5.5  
72  
Foot

370.4  
4.9  
72  
Grd

0+73

56' Lt to center P. Pole #A3288

0+50

60' Lt to Deadman

0+45

65' Rt to Center T. Pole #P36196T

0+23

65' Rt to Deadman

0+15

INDEXED

AUG 29 1950

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| 372.9  | 372.9  | 372.9  | 373.4  |        |        |
| 3.0    | 3.0    | 3.0    | 2.5    |        |        |
| 108    | 72     |        | 72     |        |        |
| 372.52 | 372.45 | 372.27 | 372.69 | 372.67 | 372.67 |
| 3.38   | 3.45   | 3.63   | 3.31   | 3.23   | 3.23   |
| 72     | 72     |        | 72     | 72     | 72     |
| cb     | cutt   |        | cutt   | cb     | 72     |

0+00

W Line 33rd 72' Rt <sup>Edge Pav. (AC)</sup> Begin Bldg.

T.P.

3.79 375.90  $\pi$  7.00 372.11

375.90  $\pi$

BM

4.86 379.11 374.25 SW BP

33rd & Elgin



2+03 7° Rt Begin Ret. Wall

2+00 7 1/2' Rt & 3' Ramp. to Parking Lot

1+99 7 1/2' Rt End Conkling Bakery Bldg.

1+98 6 3/4' Lt to Center P Pole # A3266

1+75 11 1/2' Lt & 4' Opening Parking Lot

1+51 6 1/2' Rt to Center T. Pole # P36197T

T.P. 2.57 374.68 372.11

1+00

375.90

5.0  
15  
5.1  
7 1/2  
369.2  
369.6  
369.9

4.20  
11 1/2  
A.C.  
4.3  
5 1/2  
Edge A.C.  
Rough  
370.48  
370.4

5.6  
15  
5.5  
7 1/2  
4.6  
5  
371.2  
371.2  
371.0  
4.9  
7 1/2

375.90

6.1  
368.6  
4.52  
7 1/2  
conc  
Found. is even deeper  
0.16  
2 1/2  
conc  
374.52  
370.0  
47  
370.0  
47  
370.0  
47  
370.0  
47  
370.0

5.7  
7 1/2  
Foundation is even deeper  
369.0  
4.3  
7 1/2  
43  
7 1/2  
43  
370.4

374.68



Contd From Page 47

48

- 3+75
- 3+72 73' Rt Begin Bldg
- 3+65 73' Rt to 15' Conc. Drive
- 3+57 73' Rt End Ret. Wall
- 3+51 { 7' Rt End Bldg Begin Ret Wall  
68' Rt to Center T. Pole P36199T
- 3+23 61' Lt to Center P. Pole # A3254
- 3+00 75' Rt to Loading Door 125' wide
- 2+89 65' Rt to 4" Sewer Cleanout
- 2+51 73' Rt Begin Bldg
- 2+50 69' Rt to Center T. Pole # P36198T
- 2+49 73' Rt End Conc. Ret. Wall

Lt      Rt

368.2      368.6      368.8      369.4

6.5      6.1      5.9      5.3

20      73      73      73

569.72      372.40

4.96      2.26

73      2.50

conc      conc.

368.7      369.2      369.2

6.0      5.4      5.5

15      73      73

372.56      368.2      369.6

2.12      6.5      5.1

7.5      7.8      7.5

Floor      Found. is      Grd

even deeper

4.35

62

Top

37468T

37468T



Cont'd From Pg. 48

5+50 72' Rt to Center T. Pole #7

5+41 80' Rt & 3' Doorway

5+00

4+74 70' Lt to Center P. Pole #A3240

4+60

4+50 72' Rt to Center T. Pole #P36200T

4+47 { 34' Lt & 5' Car Garage Dirt Floor  
76' Rt End Bldg

T.P. 9.09 375.87A 790 366.78

4+00

374.68A

Lt

Rt

Rt

49

368.2  
7.7  
15

368.7  
7.2  
15

368.6  
7.3  
15

368.8  
7.1  
15

370.17  
5.70  
82  
Floor

368.1  
7.2  
15

367.0  
8.9  
15

367.4  
8.5  
15

367.2  
8.7  
15

367.4  
8.5  
15

367.7  
8.2  
15

368.7  
7.2  
15

366.5  
9.4  
342  
Floor  
Dirt

367.65  
8.22  
76  
Foot

766.9  
9.0  
76  
Grd.

375.87A

367.2  
7.5  
20

366.8  
7.9  
15

366.8  
7.9  
15

367.4  
7.3  
15

374.68A



Cont'd From Pg. 49

Lt

C

Rt

50

|      |   |           |           |       |  |                                  |
|------|---|-----------|-----------|-------|--|----------------------------------|
| 7+28 | 7 <sup>2</sup> ' Lt to Center P. Pole #A3210          | 371.6     | 371.9     | 371.8 | 372.0                                  | 372.2                            |
| 7+00 |   | 4.3<br>15 | 4.0<br>75 | 4.1   | 3.9<br>75                              | 3.7<br>20                        |
| 6+95 | 8 <sup>0</sup> ' Rt & IIAC Drive                      |           |           |       | 371.84<br>4.03<br>82<br>20<br>20<br>20 | 372.13<br>3.74<br>20<br>20<br>20 |
| 6+50 | 7 <sup>6</sup> ' Rt to Center T. Pole PA3221          |           |           |       |  |                                  |
| 6+01 | 6 <sup>5</sup> ' Lt to Center P. Pole #A3228          | 370.0     | 370.7     | 370.7 | 370.7                                  | 370.9                            |
| 6+00 |   | 5.9<br>15 | 5.2<br>75 | 5.2   | 5.2<br>75                              | 5.0<br>15                        |
| 7+83 | 8 <sup>2</sup> ' Rt End Conc. Slab                    |           |           |       | 370.69<br>5.18<br>82<br>conc           | 370.75<br>5.12<br>15<br>conc     |
| 7+69 | 8 <sup>0</sup> ' Rt Begin Conc. Slab At Load Platform |           |           |       | 370.75<br>5.15<br>80<br>conc           | 370.77<br>5.10<br>15<br>conc     |
|      | 375.87A   |           |           |       |  | 375.87A                          |



8+87 7<sup>5</sup> Lt to Deadman

8+82 7<sup>0</sup> Lt to Deadman

8+70 7<sup>0</sup> Lt to Center P. Pole #?

8+50

|       |                |       |                |       |
|-------|----------------|-------|----------------|-------|
| 372.9 | 373.8          | 372.9 | 374.0          | 374.0 |
| 5.8   | 4.9            | 4.8   | 4.7            | 4.7   |
| 15    | 7 <sup>5</sup> |       | 7 <sup>5</sup> | 15    |

8+26 7<sup>5</sup> Lt to center 14" x 18" conc. for 2-6" Conduit Ground Entry

8+24 7<sup>5</sup> Lt to center P. Pole # A3206

T.P. 5.46 378.73 2.60 378.27

378.73

8+00

|       |                |       |                |       |
|-------|----------------|-------|----------------|-------|
| 372.6 | 373.0          | 373.2 | 373.4          | 372.8 |
| 3.3   | 2.9            | 2.7   | 2.5            | 3.1   |
| 15    | 7 <sup>5</sup> |       | 7 <sup>5</sup> | 15    |

7+76 6<sup>5</sup> Rt to Center T. Pole #?

375.87

375.87



9+19.95 Pav. Edge E Line Boundary (Levels on Line of Street)  
 9+16 6' R+ to Dead man  
 9+00 58' R+ to Center T. Pole 5163984

378.737

|                |        |        |        |        |        |
|----------------|--------|--------|--------|--------|--------|
| Check          | 573.46 | 573.52 | 573.56 | 573.76 | 573.97 |
| 378.49         |        |        |        |        |        |
| FB 1548 = 5.29 |        | 5.20   | 5.17   | 4.97   | 4.76   |
| Pg. 69         | 5.2    | 5.2    |        | 7.5    | 7.5    |
| → cb           |        | Gutt   |        | Gutt   | cb     |

This is OK.

378.737



NO #25020  
12-5-50  
Hendricks  
Sherman  
Shepard  
Crawford

X-Section Portion of Alley  
Block 157 Univ. Hts.  
for Drainage Purpose

POIK

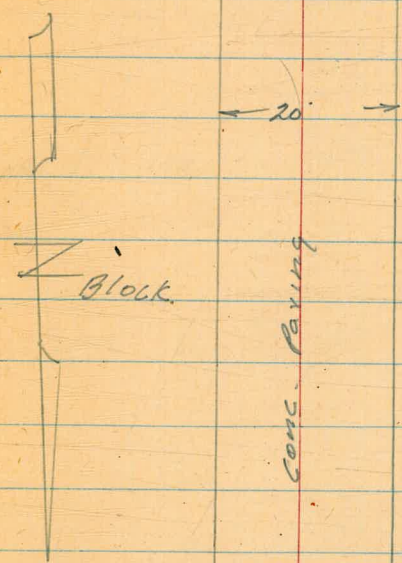
Ave

53

INDEXED  
MK  
DEC 6 1950

54

10 1/2



157

57

ILLINOIS

Howard

Ave



Levels Alley Block 157  
Univ. Hts

54

1+34 Beg. Garage on Lt.

359<sup>4</sup> 359<sup>48</sup> 360<sup>14</sup> 359<sup>97</sup> 360<sup>31</sup>  
40 14.4 10 10

1+10

359<sup>6</sup> 359<sup>9</sup> 359<sup>21</sup> 359<sup>43</sup> 360<sup>17</sup> (2) (17)  
40 14 10 10

1+05

360<sup>0</sup> 360<sup>0</sup> 359<sup>7</sup> 360<sup>20</sup> 359<sup>42</sup> 360<sup>24</sup>  
40 14 11 10 10

1+00

360<sup>03</sup> 359<sup>42</sup> 360<sup>20</sup>  
10 10

0+89

360<sup>13</sup> 359<sup>41</sup> 360<sup>22</sup>  
10 10

0+50

360<sup>10</sup> 359<sup>80</sup> 360<sup>11</sup>  
10 10

0+00

359<sup>84</sup> 359<sup>65</sup> 360<sup>07</sup>  
10 10

364.407 SEBP Howard & Ohio



2100 Beg. conc. Berm on Lt.  
End 4" conc. Ret. Wall Lt.

360<sup>26</sup> - 360<sup>03</sup> 360<sup>05</sup> 360<sup>41</sup>  
10 10 10  
Wall Pay

1176 Beg. 4" conc. Ret. Wall on Lt.  
57  
87

360<sup>39</sup> 360<sup>01</sup> 359<sup>97</sup> 360<sup>35</sup>  
10 10 10  
Wall Pay

1150

360<sup>2</sup> 360<sup>2</sup> 360<sup>24</sup> 360<sup>02</sup> 360<sup>33</sup>  
19 14 10

1148 End Garage on Lt.

359<sup>44</sup> 360<sup>23</sup> 360<sup>01</sup> 360<sup>34</sup>  
14.5 10 10  
+1



Alley Blk. "D" Plumosa Park

X-sec. for Grade Est. 12/28/50  
N.O. 25020

Sommermeyer  
Begg  
Allen

T.P. sheet # 640  
Map 1820  
" 2721

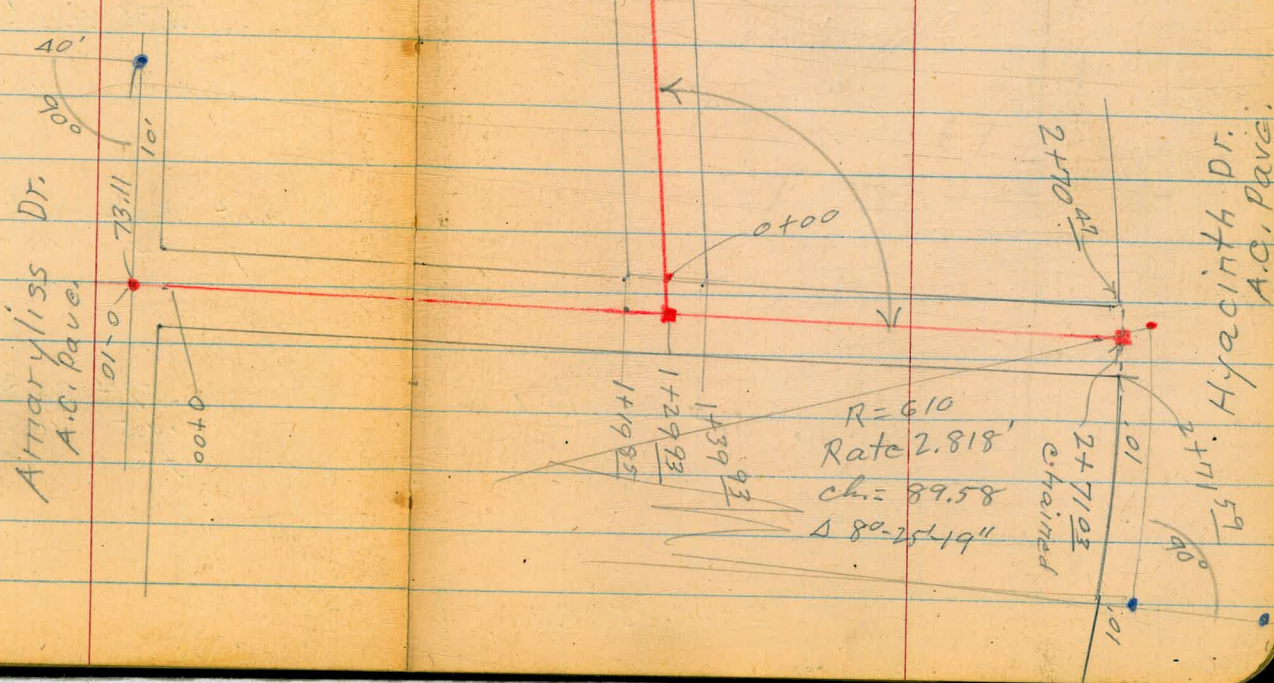
- = Fd. Lvt.
- o = Fd 3/4" pipe
- = set 1/2" disk
- = set stub
- = set nail
- n = Fd. 1x1 stub

INDEXED  
JAN 2 1951

Stationing =  $\neq$  Stations

Alley laid out to fit recent surveys.

Notes Reduced  
P.E.P.  
1-2-51





5+24.73  
 $\Delta 22^\circ 52' \text{ Lt.}$

$\Delta 54^\circ 29' - 43'$   
 $R = 47.60$   
 $L = 45.17$   
 $Ch = 44.41$

2+89.22

2+43.45 = P.C.C.

AMARYLISS DR.  
A.C. Pave.

$\Delta 53^\circ - 10'$   
 $R = 60$   
 $Ch = 53.70$   
MAP

$\Delta 52^\circ 27'$   
 $R = 60.51$

See Page 71

P.O.T. 7+10<sup>20</sup>

8+61.33 = E.C.  
at 50'  $\Delta 0^\circ - 36' \text{ Lt.}$   
to  $\Delta$  1107

8+05.94 = B.C.

Plumosa Park  
Map 1820  
Sub division line

Plumosa Manor  
Map 2721

5+24.73  
 $\Delta 22^\circ 52' \text{ Lt.}$

57

(21)

(20)

(22)

(19)



Alley BIK.D. Plumosa Park  
Levels (Top of "T")

58

0+30-103 Rt. = start Conc. Apron to double & ar.

|        |        |        |        |             |
|--------|--------|--------|--------|-------------|
| 133.51 | 133.31 | 133.51 | 133.09 | 133.26      |
| 7.1    | 7.3    | 7.1    | 7.53   | 7.35        |
| 10     |        | 10     | 103    | 183         |
|        |        |        | Apron  | & ar. floor |

T.W. = Top of wall  
B.W. = base of wall

0+12 End Wall 10 ft

|        |        |
|--------|--------|
| 136.21 | 135.41 |
| A.A    | 5.2    |
| 10     | 10     |
| T.W.   | B.W.   |

0+00 = { end A.C. Pauc. + Alley curbs  
Ely. line Amaryllis Dr.  
beg Wall 6" wide 10 ft

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 137.04 | 136.88 | 136.66 | 137.12 | 137.51 |
| 3.57   | 3.73   | 3.95   | 3.49   | 3.10   |
| 10     | 10     |        | 10     | 10     |
| cl     | G      |        | G      | cl     |

0-10 - { 10' Lt } = E.C. 3' Rad cl. Ret.  
10' Rt.

|          |        |        |        |          |
|----------|--------|--------|--------|----------|
| 136.81   | 136.54 | 136.56 | 136.92 | 137.31   |
| 3.80     | 4.07   | 4.05   | 3.69   | 3.30     |
| 10       | 10     |        | G      | 10       |
| cl. E.C. | G      |        | 10     | cl. E.C. |

0-13 = Ely. cl. line Amaryllis Dr.

|          |        |        |        |        |        |          |
|----------|--------|--------|--------|--------|--------|----------|
| 136.76   | 136.29 | 136.38 | 136.55 | 136.76 | 136.80 | 137.28   |
| 3.85     | 4.32   | 4.23   | 4.06   | 3.85   | 3.81   | 3.33     |
| 13       | 13     | 10     | 140.61 | 10     | 13     | 13       |
| cl. B.C. | G      |        |        | G      | G      | cl. B.C. |

BM#2 4.05 140.61 11.27 136.56

Nail 0-10 of Alley. (Top of "T") Amaryllis

T.P. 0.55 147.83 4.87 147.28

T.P. 2.87 152.15 8.80 149.28

BM#1 0.94 157.08 - 157.14

S.W.B.P. Narcissus + Elliott



Alley Bk. D. Plumosa Park

Top. of "T"

T.P. on  $\frac{1}{2}$ " = B.M. #3

Alley  $\pm$

Int. 2.57 130.46 127.2 127.89

1+07<sup>E</sup> - 10' Lt. = end 2 story stucco Bldg.

129.31  
11.3  
10  
End

1+00

129.21 129.11 129.81  
11.4 11.5 10.8  
10 10

0+88 - 10' Lt. = end wall start 2 story Bldg.

136.31 129.31 129.91  
10.3 11.3<sup>t</sup> 10.7  
12 10 10  
in Patio Bldg. End.

0+75 - 10' Rt. = end conc. drive

130.89 131.31  
9.72 9.3  
10 53  
drive Car. floor

0+72 - 10' Lt. = start 8' wall

129.61<sup>t</sup> 130.91  
11<sup>t</sup> 9.7  
10 10  
B.W. End.

0+67 - 10' Rt. = start conc. drive

131.11 130.71 130.95 131.31  
9.5 9.9 9.66 9.3  
10 10 53  
End 40'. Car. floor

0+51 - 10<sup>2</sup> Rt. = end Conc. Apron.

132.44 133.17  
8.17 7.44  
10<sup>2</sup> 18<sup>2</sup>  
Apron Car. floor

140.61



Alley Bk. D.  
Plumosa Park.  
Top of "T"

60

2+18 11<sup>1</sup>/<sub>2</sub> Rt. = start 5' high brick wall

|               |                                |        |
|---------------|--------------------------------|--------|
|               | 124.79                         | 122.99 |
|               | 3.5                            | 5.3    |
|               | 11 <sup>1</sup> / <sub>2</sub> | 7.15   |
|               | 6                              | B.W.   |
| <u>128.29</u> |                                |        |

T.P. 0.40 128.29 2.57 127.89  
B.M. #3 - Page 59

2+00

|        |        |        |
|--------|--------|--------|
| 124.86 | 124.86 | 125.26 |
| 5.6    | 5.6    | 5.2    |
| 10     |        | 10     |

1+79 - 10' Rt. = end Conc. Apron.

|        |        |
|--------|--------|
| 126.91 | 127.58 |
| 3.55   | 2.85   |
| 10     | 16     |
| Apron  | Floor  |

1+63 - 10' Rt. = start Conc. Apron to double <sup>Bar.</sup>

|        |        |
|--------|--------|
| 127.26 | 127.60 |
| 3.20   | 2.86   |
| 10     | 16     |
| Apron  | Floor  |

1+60

|        |        |        |
|--------|--------|--------|
| 126.56 | 126.66 | 127.26 |
| 3.9    | 3.8    | 3.2    |
| 10     |        | 10     |

1+29<sup>93</sup> =  $\pm$  N. + S. Alley produced

|        |        |        |
|--------|--------|--------|
| 128.26 | 128.06 | 128.66 |
| 2.2    | 2.4    | 1.8    |
| 10     |        | 10     |

130.46



Alley BIK D.

Top of "T"

T.P. 5.30 133.19 0.40 127.89

2+84  $\left. \begin{matrix} 12\frac{1}{2} L. \\ 13\frac{1}{2} R. \end{matrix} \right\}$  E.C. 3' Rad cb. Rot.

119.75 119.06 119.45 120.04 120.70  
 $\begin{matrix} 8.54 \\ 124 \\ cb \end{matrix}$   $\begin{matrix} 7.23 \\ 124 \\ G \end{matrix}$  8.84  $\begin{matrix} 8.25 \\ 135 \\ G \end{matrix}$   $\begin{matrix} 7.59 \\ 135 \\ cb \end{matrix}$

2+81  $\left. \begin{matrix} 10\frac{1}{2} R. \\ 9\frac{1}{2} L. \end{matrix} \right\}$  = B.C. 3' Rad cb. Rot.

119.79 119.34 120.17 120.69  
 $\begin{matrix} 8.50 \\ 7.3 \\ cb \end{matrix}$   $\begin{matrix} 8.95 \\ 7.5 \\ G \end{matrix}$   $\begin{matrix} 8.12 \\ 10.5 \\ G \end{matrix}$   $\begin{matrix} 7.60 \\ 10.5 \\ cb \end{matrix}$

2+71<sup>L</sup>  $\left. \begin{matrix} 10' R. \\ 10' L. \end{matrix} \right\}$  = start alley curbs.  
 = start A.C. Pave.

120.04 119.86 119.82 120.43 120.83  
 $\begin{matrix} 8.25 \\ 10 \\ cb \end{matrix}$   $\begin{matrix} 8.43 \\ 10 \\ G \end{matrix}$  8.45  $\begin{matrix} 7.86 \\ 10 \\ G \end{matrix}$   $\begin{matrix} 7.46 \\ 10 \\ cb \end{matrix}$

2+71<sup>03</sup> on  $\frac{1}{2}$  Hub.

119.72  
 8.57  
 Hub

2+51  $\left. \begin{matrix} = \text{start } 5' \text{ high brick wall} \\ 11\frac{1}{2} R. = \text{end brick garage} \end{matrix} \right\}$

122.2 121.5 122.2 122.1 121.4  
 $\begin{matrix} 6.1 \\ 10 \end{matrix}$  6.8  $\begin{matrix} 6.1 \\ 10 \end{matrix}$   $\begin{matrix} 6.2 \\ 11.5 \\ \text{Brick} \end{matrix}$   $\begin{matrix} 6.9 \\ 11.5 \\ \text{B.W.} \end{matrix}$

2+29  $\left. \begin{matrix} = \text{start brick Gar. East} \\ 11\frac{1}{2} R. = \text{end brick wall} \end{matrix} \right\}$  Front.

123.5 123.0 123.9 124.1  
 $\begin{matrix} 4.8 \\ 10 \end{matrix}$  5.3  $\begin{matrix} 4.4 \\ 10 \end{matrix}$   $\begin{matrix} 4.2 \\ 11.5 \\ \text{Brick at Bldg.} \end{matrix}$

128.29

£

61



Alley BIK. D. Plumosa Park  
shank.

±

62

T.P. 2.33 129.28 6.24 126.95

1+00

|       |       |       |
|-------|-------|-------|
| 127.6 | 126.9 | 126.7 |
| 5.6   | 6.3   | 6.5   |
| 10    |       | 10    |

0+54 10<sup>4</sup> Rt. = start 5' high Conc. wall

|       |       |
|-------|-------|
| 127.6 | 126.7 |
| 5.6   | 6.5   |
| 10    | 10.4  |
|       | B.W.  |

0+50 Rt. = ± 2<sup>5</sup> wide Conc. walk

|       |       |        |        |
|-------|-------|--------|--------|
| 128.5 | 127.9 | 127.81 | 127.64 |
| 4.7   | 5.3   | 5.5    | 5.55   |
| 10    |       | 10     | 11.0   |
|       |       |        | walk   |

0+20 - 19<sup>3</sup> Lt. = end double Gar.

129.18  
4.01  
193  
Gar. Floor

0+0A - 21' Lt. = start double Gar.  
Conc. Floor

129.19  
4.00  
21  
Gar. Floor

0+00 = N.E. line Top of "T" of alley.

|       |       |       |
|-------|-------|-------|
| 129.1 | 128.3 | 127.8 |
| 4.1   | 4.9   | 5.4   |
| 10    |       | 10    |

133.19



Alley BIK. D.

(shank)

63

T.P. 4.42 127.76 5.94 123.34

2+01<sup>75</sup> = Mid curve.

|       |       |       |
|-------|-------|-------|
| 124.2 | 123.7 | 123.7 |
| 5.1   | 5.6   | 5.6   |
| 10    |       | 10    |

1+60<sup>25</sup> = B.C. Lt. 142 Rt. = End 3 car. Gar.

|       |       |       |        |
|-------|-------|-------|--------|
| 125.3 | 125.1 | 124.6 | 124.56 |
| 4.0   | 4.2   | 4.7   | 4.72   |
|       | 10    | 142   | 142    |
|       |       | End   | Floor  |

Front entrance.

1+54 - 11' Lt. = Sly Cor. double Gar.

1+37 - 14<sup>E</sup> Rt. = start 3 car. Gar. Conc. floor

|       |                  |       |       |                 |
|-------|------------------|-------|-------|-----------------|
| 126.5 | 126 <sup>e</sup> | 125.7 | 124.7 | 124.68          |
| 2.8   | 3.3              | 3.6   | 4.6   | 4.60            |
| 10    |                  | 10    | 14    | 14 <sup>e</sup> |
|       |                  |       | End   | Floor.          |

1+30 98 Rt. = end of conc. wall

|                  |       |
|------------------|-------|
| 126 <sup>e</sup> | 124.7 |
| 3.3              | 4.6   |
| 98               | 98    |
| End.             | B.W.  |

1+09<sup>01</sup> 10' Rt. = start 5' high Conc. wall.

|       |       |
|-------|-------|
| 126.8 | 125.7 |
| 2.5   | 3.6   |
| 10    | 10    |
| End   | B.W.  |

1+09 - 10' Rt. = end conc. wall

|       |       |
|-------|-------|
| 126.8 | 125.3 |
| 2.5   | 4.0   |
| 10    | 10    |
| End   | B.W.  |

129.28



Alley Bk. D.

Shank

64

T.P. 8.20 134.89 1.07 126.69

4+00

|             |            |            |            |            |             |
|-------------|------------|------------|------------|------------|-------------|
| 127.2       | 127.7      | 126.8      | 125.8      | 118.2      | 116.7       |
| <u>10.6</u> | <u>0.1</u> | <u>1.0</u> | <u>2.0</u> | <u>7.6</u> | <u>11.1</u> |
| 20          | 10         |            | 70         | 21         | 50          |

3+50

|            |            |            |            |             |             |
|------------|------------|------------|------------|-------------|-------------|
| 126.6      | 126.2      | 125.2      | 124.5      | 117.0       | 115.7       |
| <u>1.2</u> | <u>1.8</u> | <u>2.6</u> | <u>3.3</u> | <u>10.8</u> | <u>12.1</u> |
| 20         | 10         |            | 10         | 20          | 50          |

3+00

|            |            |            |
|------------|------------|------------|
| 123.76     | 123.16     | 123.16     |
| <u>1.0</u> | <u>4.6</u> | <u>4.6</u> |
| 10         |            | 10         |

2+89.22 = E.C.

|            |            |            |            |             |             |
|------------|------------|------------|------------|-------------|-------------|
| 124.2      | 123.5      | 122.7      | 122.8      | 117.5       | 115.2       |
| <u>3.8</u> | <u>4.3</u> | <u>5.1</u> | <u>5.0</u> | <u>10.3</u> | <u>12.8</u> |
| 20         | 10         |            | 10         | 10          | 50          |

2+66.33

Mid curve

|            |            |            |             |             |
|------------|------------|------------|-------------|-------------|
| 122.8      | 122.2      | 121.8      | 117.3       | 114.7       |
| <u>5.0</u> | <u>5.6</u> | <u>6.0</u> | <u>10.5</u> | <u>13.1</u> |
| 10         |            | 10         | 20          | 50          |

2+43.45 = P.C.C.

Runs radial to curve.  
10' Rt. = end of Cor. Iron Culvert

|            |            |            |            |             |             |
|------------|------------|------------|------------|-------------|-------------|
| 123.2      | 122.7      | 122.6      | 119.9      | 117.3       | 116.4       |
| <u>4.6</u> | <u>5.1</u> | <u>5.2</u> | <u>7.9</u> | <u>10.5</u> | <u>11.4</u> |
| 10         |            | 10         | 10         | 25          | 50          |

127.76  
~~129.78~~

I.F.



Alley BIK. D.  
(shank)

65

T.P. 8.23 144.63 0.11 136.40  
South Front.  
5+68 11<sup>3</sup> Lt. = start double Gar.

135.3  
1.2  
112  
End

5+66 10<sup>4</sup> Lt. = end stone + Conc. wall

134.4 134.8  
2.1 1.7  
104 10  
B.W.

T.P. 9.82 136.51 8.20 126.69

136.51

+ Conc. wall.  
5+50 10<sup>4</sup> Lt. = start 2' high stone

133.6 134.2 132.7 131.5  
1.3 0.7 2.2 3.4  
104 10 10  
B.W.

5+24.73 = Δ 22°-52' Lt. (on split)

133.5 131.3 129.7 128.2 122.8  
1.4 3.6 5.2 11.9 12.1  
30 10 10 22 50

5+00

133.5 132.9 132.4 130.5 128.6 122.9 119.5  
1.4 2.0 2.5 4.4 6.3 12.0 15.4  
30 20 10 10 19 50

4+50

129.4 128.1 127.2  
5.5 6.8 7.9  
10 10

134.89



also start Conc. block wall  
 6+64 - 1<sup>5</sup> Lt. = end Bar-B-Q

|            |            |
|------------|------------|
| 141.4      | 142.6      |
| <u>3.2</u> | <u>2.0</u> |
| 15         | 15         |
| B.W.       |            |

out door Bar-B-Q.  
 6+53 1<sup>8</sup> Lt. = end wall + start

|            |            |
|------------|------------|
| 141.4      | 142.0      |
| <u>3.2</u> | <u>2.6</u> |
| 15         | 13         |
| B.W.       | end        |

T.W. = top of well.

6+42 8<sup>4</sup> Lt. = start 2' high Conc. block wall

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| 144.2      | 143.8      | 141.6      | 142.3      | 140.8      | 139.0      |
| <u>0.4</u> | <u>0.9</u> | <u>3.0</u> | <u>2.3</u> | <u>3.8</u> | <u>5.6</u> |
| 30         | 10         | 84         | 83         |            | 10         |
|            | T.W.       | B.W.       |            |            |            |
|            | end        |            |            |            |            |

6+26 9<sup>5</sup> Lt. = end 6' high Conc. wall

|            |            |            |            |            |             |             |
|------------|------------|------------|------------|------------|-------------|-------------|
| 140.2      | 138.9      | 140.4      | 138.9      | 138.1      | 128.7       | 127.6       |
| <u>4.4</u> | <u>5.7</u> | <u>4.2</u> | <u>5.7</u> | <u>6.5</u> | <u>15.7</u> | <u>17.0</u> |
| 20         | 95         | 95         |            | 10         | 25          | 50          |
|            | B.W.       | end        |            |            |             |             |

6+00

|            |            |            |             |             |
|------------|------------|------------|-------------|-------------|
| 138.1      | 136.5      | 135.9      | 128.6       | 126.4       |
| <u>6.5</u> | <u>8.1</u> | <u>8.7</u> | <u>16.0</u> | <u>18.5</u> |
| 10         |            | 10         | 20          | 40          |

5+86 11<sup>2</sup> Lt. = start 6' high Conc. wall.  
 = end double Bar.

|            |            |
|------------|------------|
| 137.4      | 137.5      |
| <u>7.2</u> | <u>7.1</u> |
| 11         | 11         |
| B.W.       | end        |

144.63



T.P. 8.28 155.68 3.26 147.40

Also = start improved yard.

Looks to be approx along lot line

7+38 = Cross Red wood paling fence.

7+10 Set B.M. on P.O.T.  $\frac{1}{2}$  5.44

7+00

|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| 145.7 | 145.2 | 144.8 | 143.1 | 140.6 |
| 5.0   | 5.5   | 5.9   | 7.6   | 10.1  |
| 20    | 10    |       | 10    | 49    |

Top of bank

150.66

1x1-10' at 7+10

T.P. 6.79 150.66 0.76 143.87

6+88 8' Lt. = end Garage

143.8

0.8

85

End at Gar.

6+78 1' Lt. = end lath house with Conc. floor

|       |       |
|-------|-------|
| 142.2 | 143.0 |
| 2.4   | 1.6   |
| 1     | 1     |

Floor

10' Lt. = start Gar. south front.

13' Lt. = start lath house Conc. floor

6+69 14' Lt. = end Conc. wall

|       |       |       |       |
|-------|-------|-------|-------|
| 143.8 | 143.7 | 142.2 | 142.8 |
| 0.8   | 0.9   | 2.6   | 1.8   |
| 10    | 14    | 14    | 13    |

at Gar. + floor of lath house  
T.W. B.W.

144.63



8+05 6<sup>5</sup> Lt. = Δ in walk

|                |
|----------------|
| 150.95         |
| 4.73           |
| 6 <sup>5</sup> |
| walk           |

7+98 9' Lt. = start Conc. walk

|         |       |
|---------|-------|
| 150.9   | 150.9 |
| 4.75    | 4.75  |
| 10      | 9     |
| on walk |       |

7+95 10<sup>4</sup> Rx. = start Flag stone patio  
9<sup>7</sup> Rt. = start Conc. wall 6' high

|                  |                |
|------------------|----------------|
| 150 <sup>e</sup> | 149.2          |
| 5.7              | 6.5            |
| 9 <sup>7</sup>   | 9 <sup>7</sup> |
| Onl.             | B.W.           |

7+94 11<sup>3</sup> Lt. = Jog in house7+90 12<sup>8</sup> Rx. = Sly Cor. 7'x10' play house

|       |       |                  |
|-------|-------|------------------|
| 150.9 | 150.7 | 148 <sup>e</sup> |
| 4.8   | 5.0   | 7.7              |
| 10    |       | 10               |

7+79<sup>5</sup> 25<sup>2</sup> Lt. = Jog in house.7+77 17<sup>11</sup> Lt. = Jog in house

7+57 40' Lt. = start frame house

|          |       |       |       |
|----------|-------|-------|-------|
| 151.3    | 150.9 | 150.3 | 146.7 |
| 4.4      | 4.8   | 5.4   | 9.0   |
| 40       | 10    |       | 10    |
| at house |       |       |       |

7+40

|       |       |       |
|-------|-------|-------|
| 148.3 | 146.9 | 146.3 |
| 7.4   | 8.8   | 9.4   |
| 10    |       | 10    |

155.68



8+15 11<sup>3</sup> Rt = end Garage  
 8+35 22<sup>5</sup> Lt = cor. house  
 8+30 - 11' Rt = end of wall

10' Rt = start Garage  
 also = end patio  
 (Intersect Face of wall)  
 8+27 10<sup>9</sup> - 56'-30" = Cross wall

8+25 4' Lt = Corner of wall  
 = Δ in wall

8+15 = Intersect face of wall

6<sup>5</sup> Lt = Δ in walk  
 8+1A 10<sup>3</sup> Lt = Δ in house = Off = 4<sup>0</sup>-07'

T.P. 4.67 155.96 4.39 156.29

4' Rt = face of wall  
 8+05<sup>94</sup> = B.C. 9<sup>7</sup> Lt = Δ in house

|       |                  |                  |
|-------|------------------|------------------|
| 151.4 | 150 <sup>0</sup> | 150 <sup>±</sup> |
| 4.6   | 6.0              | 5.6              |
| 10    |                  | 10               |

|          |                |
|----------|----------------|
| 151.3    | 151.3          |
| 4.7      | 4.67           |
| 102      | 6 <sup>0</sup> |
| At house | walk           |

155.96

|          |        |       |          |
|----------|--------|-------|----------|
| 150.9    | 150.64 | 150.7 | 150.2    |
| 4.8      | 5.04   | 5.0   | 5.7      |
| 92       | Hub    | 4     | 10       |
| at house |        |       | in patio |
|          | 155.68 |       |          |



Alley  
Bik D. Plumosa Park

70

Check orig B.M.  
P-58

4.26  $\overset{.02}{157.16}$  (157.14)

T.P. 6.98 161.42 1.55 154.44

T.P. 7.50 155.99 2.75 148.49

T.P. 11.03 151.24 1.25 140.21

Check B.M. # 2-P 58 4.90 136.56 (136.56)

T.P. 5.36 141.46 12.34 136.10

T.P. 1.31 148.44 883 147.13

= Ob. line Amarylliss

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 148.31 | 147.76 | 147.87 | 148.04 | 148.55 |
| 7.65   | 8.20   | 8.09   | 7.92   | 7.11   |
| 13     | 13     |        | 13     | 13     |
| Cl     | G      |        | G      | Cl     |

Start A.C. Pavé

8461.33

= N. Fly line Amarylliss

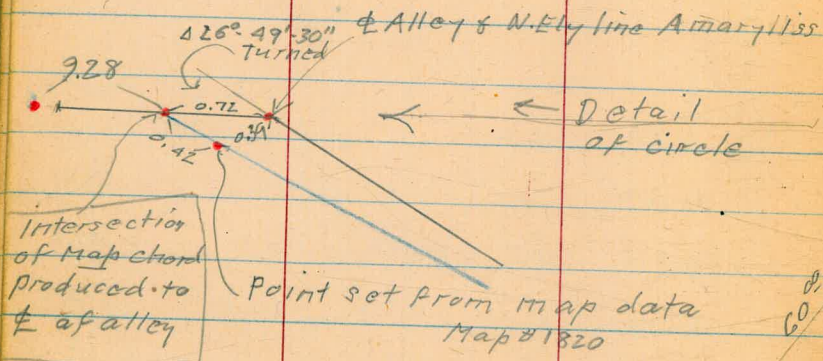
|        |        |        |        |       |
|--------|--------|--------|--------|-------|
| 148.52 | 148.34 | 148.15 | 148.49 | 148.7 |
| 7.44   | 7.62   | 7.81   | 7.47   | 7.25  |
| 10     | G      |        | 10     | 10    |
| Cl     | 10     |        | G      | Cl    |

155.96

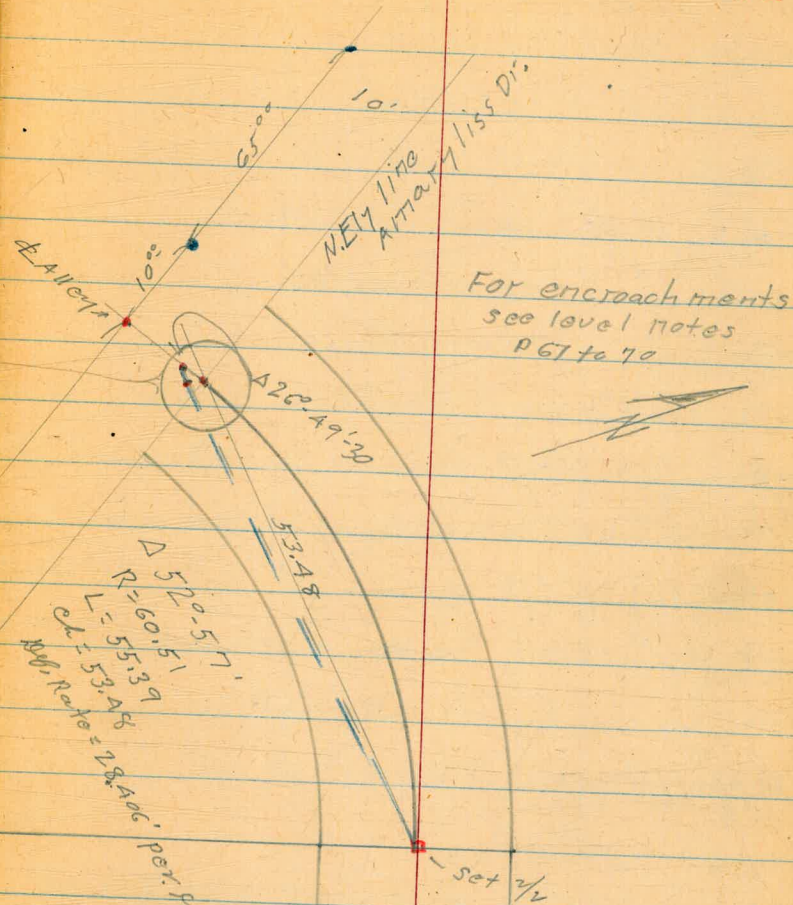


Detail of curve on Page 70  
 Alley Bk D. Plumosa Park

- = set nail
- = Ed. L+T.



8+05.94 - B.C. Lt (P57) (Det. Lt.:  $26^{\circ} 13' 30''$ )









Beq. New Sections of Horton - from  $\pm$  of Jackdaw to Upas.  
 See sketch - P. 2+3 - 3-14-57 7.0.

73

Lt.  $\pm$  Rt.

|   |                   |      |                   |               |                 |         |       |
|---|-------------------|------|-------------------|---------------|-----------------|---------|-------|
| 6+85  | 16.80             | 20.0 | 19.9              | 19.9          | 17.0            | 03.8    | 04.0  |
|   | Elev. of          | 43.8 | 37.5              | 20            |                 | 37.5    | 50    |
|   | Lower floor along |      |                   |               |                 |         |       |
|   |                   |      |                   |               |                 |         | House |
| 6+57.8 - 2.5 Lt. = N.E. Cor. Conc. Slab. - Rest Covered |                   |      | 03.79             |               |                 |         |       |
|   |                   |      | 2.5 = top Conc.   |               |                 |         |       |
| 6+50  | 17.1              | 17.0 | 03.83             | 03.83         | 03.3            | 02.8    | 02.2  |
|   | 50                | 37.5 | 18                | 4.5           | 4               |         | 02.2  |
|   |                   |      | on Conc. on Conc. |               |                 | 20      | 37.5  |
|   |                   |      | Rest Covered      |               |                 |         | 46    |
|   |                   |      |                   |               |                 |         | Top   |
| 6+33 - 36.6 Lt. = $\pm$ 4" Acacia                       |                   |      |                   |               |                 |         |       |
| 6+41.3 - 6.7 Lt. = Raise in Top of Slab                 |                   |      | 03.80             |               | 01.78           |         |       |
|   |                   |      | To N.             |               | 6.7 = Top to S. |         |       |
| 6+32.5 - 9 Lt. = Raise in top of Slab                   |                   |      | 01.74             |               | 00.86           |         |       |
|   |                   |      | To N.             |               | 9 = To S.       |         |       |
| 6+10  | 07.2              | 05.0 | 01.1              | 00.82         | 00.78           | 00.6    | 00.3  |
|   | 50                | 37.5 | 36                | 32            | 14.7            |         | 94.0  |
|   |                   |      | 9'                | edge on Conc. |                 | 20      | 37.5  |
|   |                   |      |                   | Covered.      |                 |         | 87.0  |
|   |                   |      |                   |               |                 |         | 55    |
| 5+99.3 - 17 Lt. = S.E. Cor. of 20' wide Conc. Slab.     |                   |      |                   |               |                 |         |       |
| BM. on P.O.T. Hub. = 5+94.42                            | 199.86            |      |                   |               |                 |         |       |
| 5+80  |                   |      | 03.4              | 00.7          | 99.8            | 98.3    | 87.5  |
|   |                   |      | 50-m              | 37.5          | 20              |         | 86.0  |
|   |                   |      | yard.             |               |                 | 25      | 37.5  |
| check BM. = Spike in Pole = 0+97.5                      | 193.58            |      | 61 = P. 14        |               |                 |         | 85.5  |
|   |                   |      |                   |               |                 |         | 46    |
| 5+50  |                   |      | 202.5             | 95.0          | 89.6            | 83.44   | 74.5  |
|   |                   |      | 55                | 37.5          | 25              | on P.K. | 37.5  |
|   |                   |      | Top               |               |                 |         | 72.0  |
|   |                   |      |                   |               |                 |         | 50    |
| 5+00  |                   |      | 93.2              | 90.5          | 86.0            | 79.4    | 63.5  |
|   |                   |      | 50                | 37.5          | 20              |         | 37.5  |
| 4+58.97 = Mon. $\pm$ Horton + $\pm$ Jackdaw.            |                   |      | 91.5              | 86.2          | 78.8            | 71.7    | 68.8  |
|   |                   |      | 50                | 37.5          | 20              |         | 11    |
| Set BM on Mon.  | 171.67            |      |                   |               |                 |         | 63.3  |
|   |                   |      |                   |               |                 |         | 25    |
| BM. - E.C. Hub. $\pm$ Jackdaw                           | 164.53            |      |                   |               |                 |         | 60.4  |
| Sta. 7+51.48 - B. 2195 - P. 17                          |                   |      |                   |               |                 |         | 37.5  |

Actual Elev. Shown - 100' fig. Not Noted.



E. cb. - 100' N. of Upas.

check B.M. = B.P. - P. 11

235.11

235.14 or .09 - P. 11

Set B.M. = spike in N.W. Pole

227.53

7 + 32.2 = S. cb. of Upas to W.

24.02 23.65

28.12 24.68

25.31 25.88

25.97 25.96 26.15

25.6 20.8 17.1

Top 70  
gut

TOP = 47.5  
PC. gut.

28 15

2.5 2.9  
edge Top cb.  
conc. (broken)

4 30 37.5

7 + 22.2 = Sly. of Conc. Pave - See sketch - P. 3.

25.27 25.12 24.65 25.40

25.50

25.48

25.64 25.0 23.8 14.4

37.5  
Conc. end db. gut.

30.5 15 = Conc.

2.5 2.9

Cor. of Top cb.  
conc. (broken)

4 15 37.5

Note: Sly. 11.5' of cb. is broken down -

7 + 10

25.30 25.2 25.9

25.1

23.1

11.7 08.5

43.8 =  
Ely. of 3'

37.5 20

14

37.5 50

Conc. walk























73° 46' 30" = 5 line.

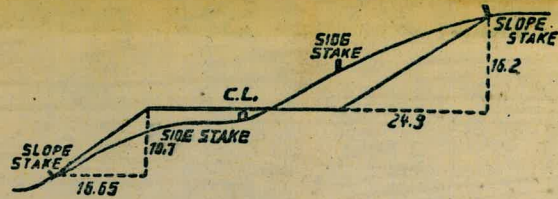
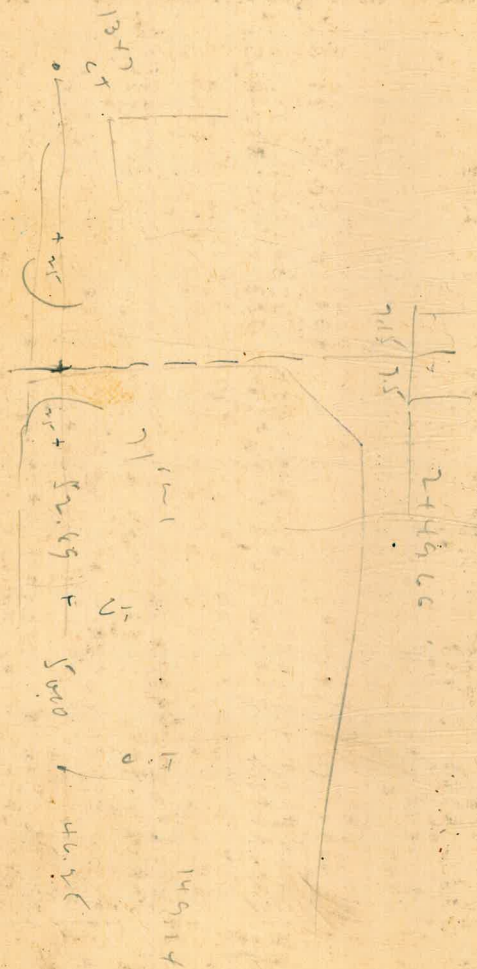
73° 44'

P 31 = PC

351.07

9.07

342.00



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.  
SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

|    | 0     | .1    | .2    | .3    | .4    | .5    | .6    | .7    | .8    | .9    |    |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 0  | 0.00  | 0.15  | 0.30  | 0.45  | 0.60  | 0.75  | 0.90  | 1.05  | 1.20  | 1.35  | 0  |
| 1  | 1.50  | 1.65  | 1.80  | 1.95  | 2.10  | 2.25  | 2.40  | 2.55  | 2.70  | 2.85  | 1  |
| 2  | 3.00  | 3.15  | 3.30  | 3.45  | 3.60  | 3.75  | 3.90  | 4.05  | 4.20  | 4.35  | 2  |
| 3  | 4.50  | 4.65  | 4.80  | 4.95  | 5.10  | 5.25  | 5.40  | 5.55  | 5.70  | 5.85  | 3  |
| 4  | 6.00  | 6.15  | 6.30  | 6.45  | 6.60  | 6.75  | 6.90  | 7.05  | 7.20  | 7.35  | 4  |
| 5  | 7.50  | 7.65  | 7.80  | 7.95  | 8.10  | 8.25  | 8.40  | 8.55  | 8.70  | 8.85  | 5  |
| 6  | 9.00  | 9.15  | 9.30  | 9.45  | 9.60  | 9.75  | 9.90  | 10.05 | 10.20 | 10.35 | 6  |
| 7  | 10.50 | 10.65 | 10.80 | 10.95 | 11.10 | 11.25 | 11.40 | 11.55 | 11.70 | 11.85 | 7  |
| 8  | 12.00 | 12.15 | 12.30 | 12.45 | 12.60 | 12.75 | 12.90 | 13.05 | 13.20 | 13.35 | 8  |
| 9  | 13.50 | 13.65 | 13.80 | 13.95 | 14.10 | 14.25 | 14.40 | 14.55 | 14.70 | 14.85 | 9  |
| 10 | 15.00 | 15.15 | 15.30 | 15.45 | 15.60 | 15.75 | 15.90 | 16.05 | 16.20 | 16.35 | 10 |
| 11 | 16.50 | 16.65 | 16.80 | 16.95 | 17.10 | 17.25 | 17.40 | 17.55 | 17.70 | 17.85 | 11 |
| 12 | 18.00 | 18.15 | 18.30 | 18.45 | 18.60 | 18.75 | 18.90 | 19.05 | 19.20 | 19.35 | 12 |
| 13 | 19.50 | 19.65 | 19.80 | 19.95 | 20.10 | 20.25 | 20.40 | 20.55 | 20.70 | 20.85 | 13 |
| 14 | 21.00 | 21.15 | 21.30 | 21.45 | 21.60 | 21.75 | 21.90 | 22.05 | 22.20 | 22.35 | 14 |
| 15 | 22.50 | 22.65 | 22.80 | 22.95 | 23.10 | 23.25 | 23.40 | 23.55 | 23.70 | 23.85 | 15 |
| 16 | 24.00 | 24.15 | 24.30 | 24.45 | 24.60 | 24.75 | 24.90 | 25.05 | 25.20 | 25.35 | 16 |
| 17 | 25.50 | 25.65 | 25.80 | 25.95 | 26.10 | 26.25 | 26.40 | 26.55 | 26.70 | 26.85 | 17 |
| 18 | 27.00 | 27.15 | 27.30 | 27.45 | 27.60 | 27.75 | 27.90 | 28.05 | 28.20 | 28.35 | 18 |
| 19 | 28.50 | 28.65 | 28.80 | 28.95 | 29.10 | 29.25 | 29.40 | 29.55 | 29.70 | 29.85 | 19 |
| 20 | 30.00 | 30.15 | 30.30 | 30.45 | 30.60 | 30.75 | 30.90 | 31.05 | 31.20 | 31.35 | 20 |
| 21 | 31.50 | 31.65 | 31.80 | 31.95 | 32.10 | 32.25 | 32.40 | 32.55 | 32.70 | 32.85 | 21 |
| 22 | 33.00 | 33.15 | 33.30 | 33.45 | 33.60 | 33.75 | 33.90 | 34.05 | 34.20 | 34.35 | 22 |
| 23 | 34.50 | 34.65 | 34.80 | 34.95 | 35.10 | 35.25 | 35.40 | 35.55 | 35.70 | 35.85 | 23 |
| 24 | 36.00 | 36.15 | 36.30 | 36.45 | 36.60 | 36.75 | 36.90 | 37.05 | 37.20 | 37.35 | 24 |
| 25 | 37.50 | 37.65 | 37.80 | 37.95 | 38.10 | 38.25 | 38.40 | 38.55 | 38.70 | 38.85 | 25 |
| 26 | 39.00 | 39.15 | 39.30 | 39.45 | 39.60 | 39.75 | 39.90 | 40.05 | 40.20 | 40.35 | 26 |
| 27 | 40.50 | 40.65 | 40.80 | 40.95 | 41.10 | 41.25 | 41.40 | 41.55 | 41.70 | 41.85 | 27 |
| 28 | 42.00 | 42.15 | 42.30 | 42.45 | 42.60 | 42.75 | 42.90 | 43.05 | 43.20 | 43.35 | 28 |
| 29 | 43.50 | 43.65 | 43.80 | 43.95 | 44.10 | 44.25 | 44.40 | 44.55 | 44.70 | 44.85 | 29 |
| 30 | 45.00 | 45.15 | 45.30 | 45.45 | 45.60 | 45.75 | 45.90 | 46.05 | 46.20 | 46.35 | 30 |
| 31 | 46.50 | 46.65 | 46.80 | 46.95 | 47.10 | 47.25 | 47.40 | 47.55 | 47.70 | 47.85 | 31 |
| 32 | 48.00 | 48.15 | 48.30 | 48.45 | 48.60 | 48.75 | 48.90 | 49.05 | 49.20 | 49.35 | 32 |
| 33 | 49.50 | 49.65 | 49.80 | 49.95 | 50.10 | 50.25 | 50.40 | 50.55 | 50.70 | 50.85 | 33 |
| 34 | 51.00 | 51.15 | 51.30 | 51.45 | 51.60 | 51.75 | 51.90 | 52.05 | 52.20 | 52.35 | 34 |
| 35 | 52.50 | 52.65 | 52.80 | 52.95 | 53.10 | 53.25 | 53.40 | 53.55 | 53.70 | 53.85 | 35 |
| 36 | 54.00 | 54.15 | 54.30 | 54.45 | 54.60 | 54.75 | 54.90 | 55.05 | 55.20 | 55.35 | 36 |
| 37 | 55.50 | 55.65 | 55.80 | 55.95 | 56.10 | 56.25 | 56.40 | 56.55 | 56.70 | 56.85 | 37 |
| 38 | 57.00 | 57.15 | 57.30 | 57.45 | 57.60 | 57.75 | 57.90 | 58.05 | 58.20 | 58.35 | 38 |
| 39 | 58.50 | 58.65 | 58.80 | 58.95 | 59.10 | 59.25 | 59.40 | 59.55 | 59.70 | 59.85 | 39 |
| 40 | 60.00 | 60.15 | 60.30 | 60.45 | 60.60 | 60.75 | 60.90 | 61.05 | 61.20 | 61.35 | 40 |
| 41 | 61.50 | 61.65 | 61.80 | 61.95 | 62.10 | 62.25 | 62.40 | 62.55 | 62.70 | 62.85 | 41 |
| 42 | 63.00 | 63.15 | 63.30 | 63.45 | 63.60 | 63.75 | 63.90 | 64.05 | 64.20 | 64.35 | 42 |
| 43 | 64.50 | 64.65 | 64.80 | 64.95 | 65.10 | 65.25 | 65.40 | 65.55 | 65.70 | 65.85 | 43 |
| 44 | 66.00 | 66.15 | 66.30 | 66.45 | 66.60 | 66.75 | 66.90 | 67.05 | 67.20 | 67.35 | 44 |
| 45 | 67.50 | 67.65 | 67.80 | 67.95 | 68.10 | 68.25 | 68.40 | 68.55 | 68.70 | 68.85 | 45 |
| 46 | 69.00 | 69.15 | 69.30 | 69.45 | 69.60 | 69.75 | 69.90 | 70.05 | 70.20 | 70.35 | 46 |
| 47 | 70.50 | 70.65 | 70.80 | 70.95 | 71.10 | 71.25 | 71.40 | 71.55 | 71.70 | 71.85 | 47 |
| 48 | 72.00 | 72.15 | 72.30 | 72.45 | 72.60 | 72.75 | 72.90 | 73.05 | 73.20 | 73.35 | 48 |
| 49 | 73.50 | 73.65 | 73.80 | 73.95 | 74.10 | 74.25 | 74.40 | 74.55 | 74.70 | 74.85 | 49 |
| 50 | 75.00 | 75.15 | 75.30 | 75.45 | 75.60 | 75.75 | 75.90 | 76.05 | 76.20 | 76.35 | 50 |

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