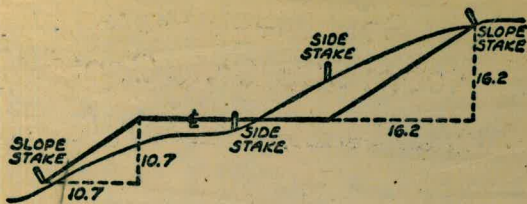


W901



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 from slope stake to 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.

HUNTINGTON: -
Locations & Elevations
of Conc. Chambers Dr
on Harbor Dr
City of Ryans.
WBEATH
FIB 901 72-74.

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 | .81 | .92 | 1.04 | 1.29 | 1.42 | 1.54 | 1.66 |
| 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 | 4.98 | 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 | .029 | .032 | .035 | .039 | .043 | .047 | .051 |
| 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 | .286 | .383 | .480 | .578 | .678 | .777 | .877 | .977 | 1.07 | 1.18 | 1.29 | 1.39 |
| 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 |

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Profile & Proposed Water Line
 Lauretta St. Goshen to Huenehme

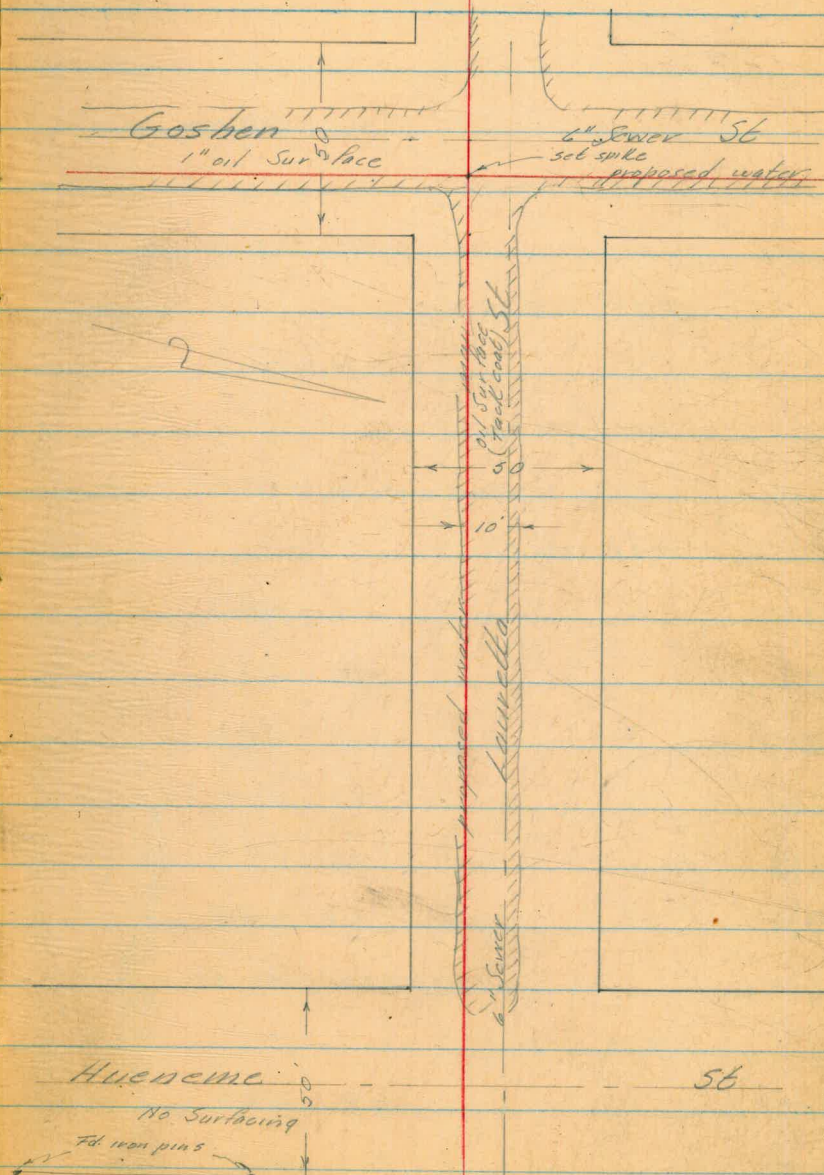
0100 W/H of Goshen
 +25 Sewer Crossing
 +35 Pl. proposed water lines
 0150 E/H of Goshen

4199.05

5199.05

E/H of Huenehme

Wert
 Kemp
 Holahan 12-29-54



Lauretta Cont

175.10

2" pipe NE. cor. Mildred & Goshen

0.29 175.39

11.84 163.55

0.49 164.04

12.39 151.65

0.17 151.82

12.59 139.23

Spike in pp SW. cor Lauretta & Goshen

7.34 146.57

0+00 6.6 140.0

W/H Goshen

+25 7.4 139.2

Sewer cross

+50 6.7 140.0

+100 4.7 142.0

+50 4.6 142.0

+200 2.3 144.3

T.P. 0.08 146.49

12.52 159.01

+250 11.7 147.3

+300 7.9 151.1

REMOVED BY H.C. BREWSTER
2-3-55

| | | | |
|--------|--------|-------|--------|
| | 159.01 | | |
| 3450 | | 4.2 | 154.8 |
| 3450 | | 4.20 | 154.8 |
| T.P. | | 0.01 | 159.00 |
| | 12.55 | | 171.55 |
| 4400 | | 10.5 | 161.1 |
| 450 | | 3.0 | 168.6 |
| T.P. | | 0.22 | 171.33 |
| | 10.09 | | 181.42 |
| 5400 | | 6.4 | 175.0 |
| 450.95 | | 1.7 | 179.7 |
| T.P. | | 3.09 | 178.33 |
| | 0.80 | | 179.13 |
| | | 10.83 | 168.30 |
| | 1.93 | | 169.73 |
| | | 9.91 | 159.82 |
| | 11.32 | | 171.14 |
| | | 8.77 | 162.37 |
| | 6.95 | | 169.32 |

REDUCED BY HENRY C. BREWSTER
 2-3-55

Sewer M.H. 10' LK

7'0 to Plow

E/L of Hueneme

spike in guy pole SE cor Lawrence &
Hueneme

city man & Riley & E/L of Hueneme

169.37

10.08 159.27

1248 171.72

2.58 169.14

826 177.40

2.27 175.13

= 175.10

12-31-54

Profile & Proposed Water Line
La Jolla Shores Dr., Camino Del Collado
North to El Paso Grande

3100 N/E of Camino de la Colina

2152 S/E of Camino de la Colina

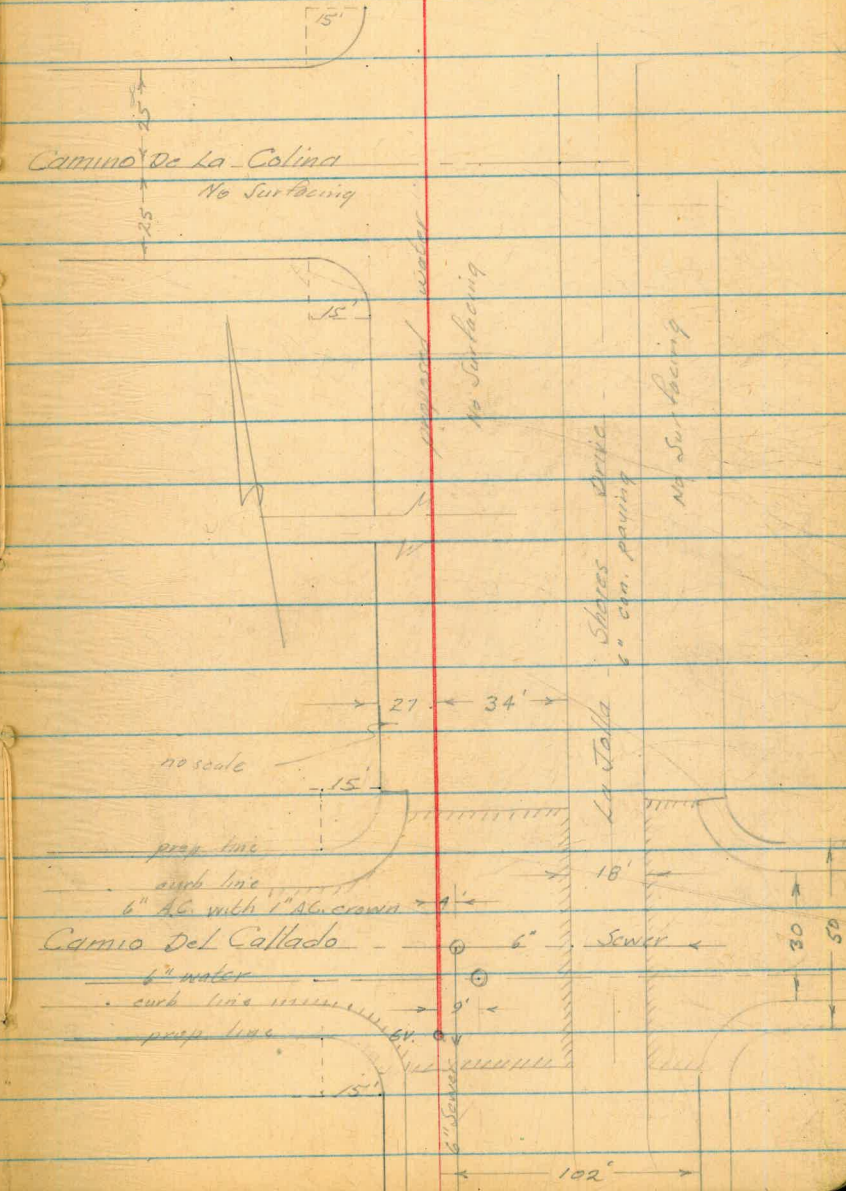
0465 End of con. curb.

0450 N/E of Camino del Collado

0425 4" 6" Sewer M.H. 4 ft.

0416 6" water

0400 S/E of Camino del Collado



La Jolla Shores Drive Cont

E.C. 7+89.24 = 7+89.61 ahead

continued page 10

6+89.61 P.I. angle point

B.C. 5+89.61

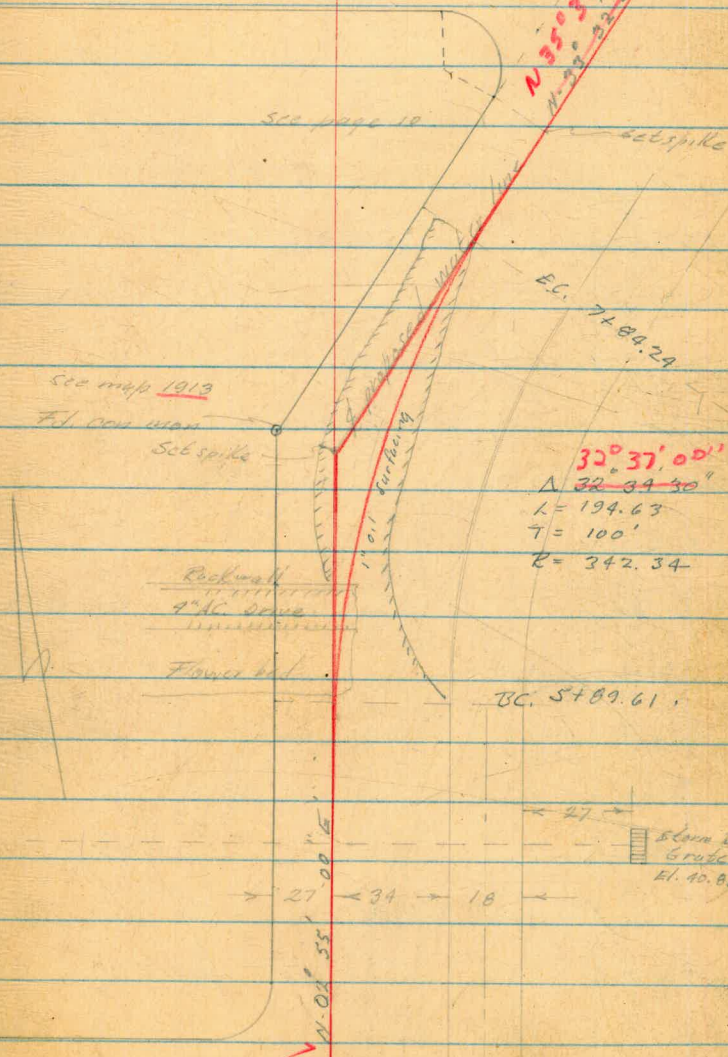
3+57

36° Storm Drain, 16.5 to Point
C.B.

3+02

N/E of Camino de la Calina

Camino De La Calina



La Jolla Shores Drive

42.98

B.M. 42.98 (city)

C. & G.S. cap La Jolla Shores
& Camino de Callado

3.40 46.38

0+00 3.2 43.18

E. & S. of Camino de Callado

+15 2.77 43.61

Valve chamber M.H.

+16 3.17 43.28

6" water crossing cut 3.6 to top pipe

+25 3.1 43.28

+25 3.01 43.37

Sewer M.H. no crossing

+50 3.3 43.08

Edge 2" A.G. paving N/W Camino Callado

1+00 4.8 41.58

+50 5.3 41.08

2+00 6.0 40.38

Top slope

+50 9.1 37.28

3+00 9.5 36.88

T.P. 9.05 37.33

6.63 43.96

3+50 7.1 36.86

+57 7.1 36.86

Storm Drain crossing

4+00

| | | | |
|------|-------|------|-------|
| | 43.96 | | |
| 4+00 | | 8.4 | 35.56 |
| +50 | | 3.5 | 40.46 |
| 5+00 | | 3.0 | 40.96 |
| +50 | | 1.4 | 42.56 |
| T.P. | | 1.00 | 42.96 |

5.81 48.77

5+97 4.16 44.61 * *So. edge of AL driveway*

6+00 4.2 44.57

6+11 4.51 44.26 *No. edge 3" AL driveway & bottom 18" rock wall*6+11 3.06 45.71 *Top rock wall*

6+50 3.9 44.87

4.8 43.97 *ridge point*

7+00 3.8 44.87

+50 3.2 45.57

8+00 2.5 46.27

T.P. 1.87 46.90

11.98 58.88

58.88

8+50

10.4

48.48

9+00

8.4

50.48

9+20

7.3

51.58

9+40

6.5

52.38

9+60

5.3

53.58

9+68

4.1

54.78

+80

3.6

55.28

9+86.31

3.4

55.48

+90.6

3.4

55.48

0.58 58.30

LE

flange

RE

edge con pave.

11.5 10.1 8.4 7.9 4.5 4.9 4.8
32 75 0 75 37 31 54

edge pave.

11.2 9.0 7.3 7.3 3.9 4.0 4.0
50 79 0 11.5 22 31 53

edge pave.

10.2 8.2 6.7 6.5 5.6 3.4 3.1 2.8
51 20 11 0 14 19 30 54

edge pave

8.5 6.1 5.3 3.1 2.6 1.4
55 75 0 70 24 53

edge pave

So edge of pave.

6.3 3.6 0.6 0.2
32 0 36 54

Can man 27' R H

N edge pave Scripps driveway

= 58.29 SW cov. 6' x 8' con Valve Chamber

See page 47 for additional X Sec.

9+36.31

angle point

F1

Paseo Grande

Set nail

set nail

1" No. Driving

9+68

23'

99° 01'

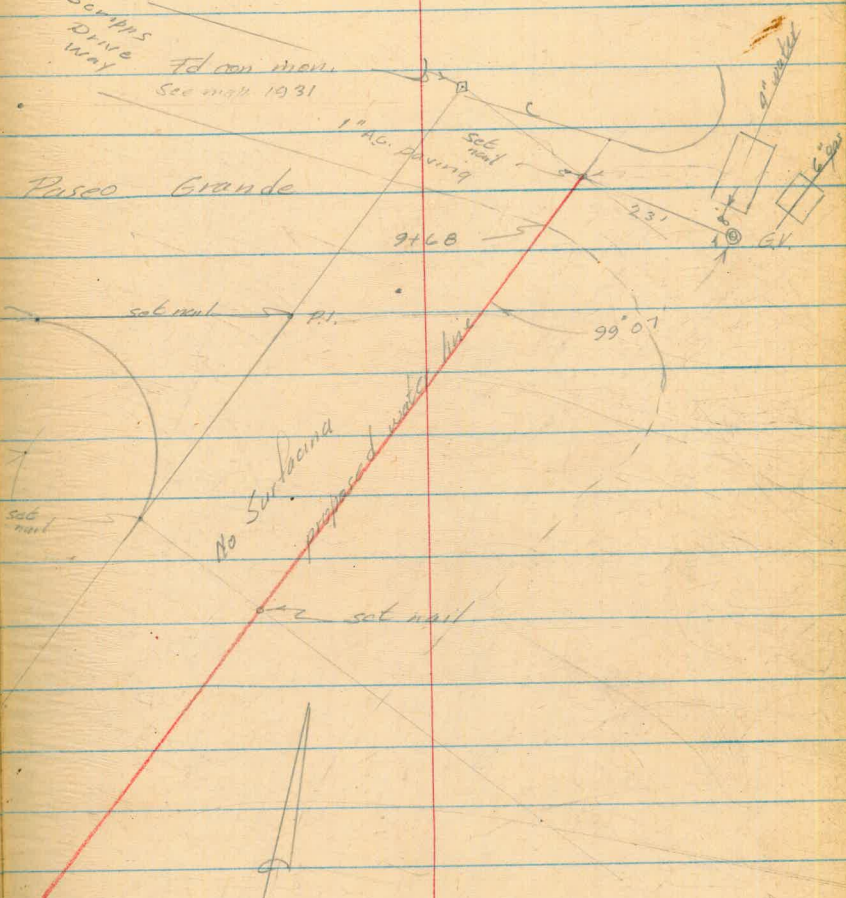
No Surface

proposed water line

set set nail

Scrim Drive Way

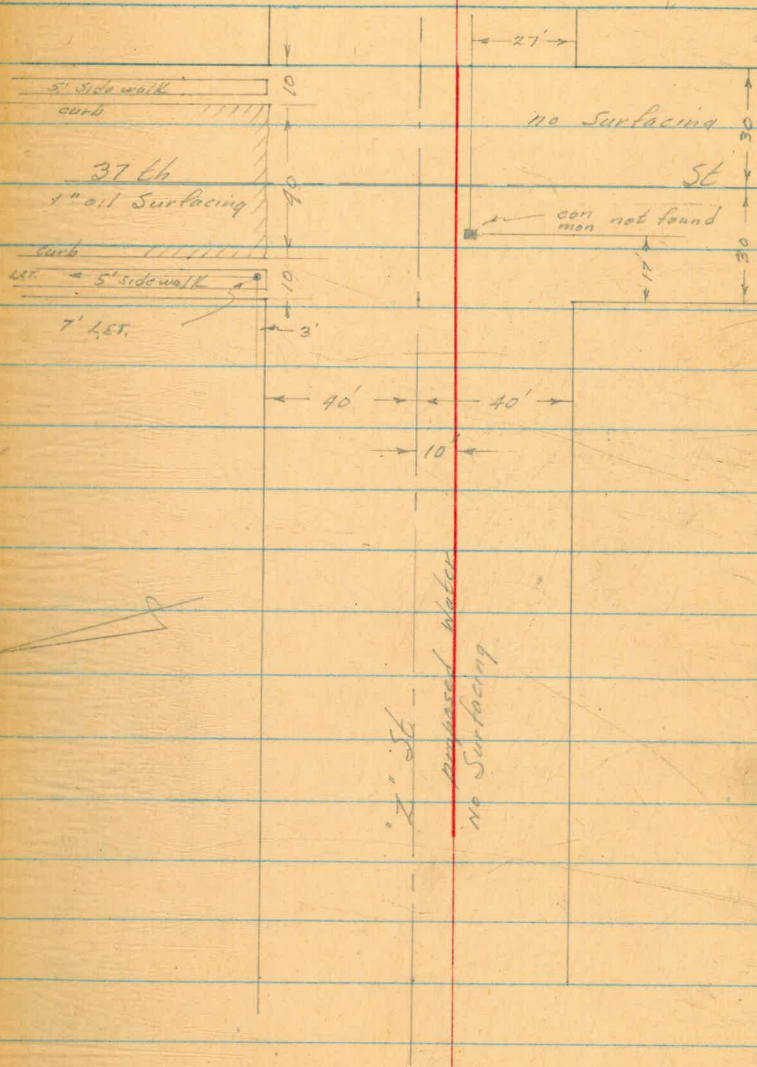
Ed con man. See map 1931



Profile of Proposed Water Line

"7" St 37th to 200' West

0+00 E/W of 37th
 +10 curb line
 +50 " "
 +60 W/W of 37



Wert
 Kemp
 Holahan

1-13-55

11

"Z" SE 37th W14

11.06

3.94 15.00

T.P. 7.94 10.00

7.20 17.26

T.P. 0.14 17.12

10.54 27.66

0.31 27.35

2.70 30.05

0+00 42 25.85

E/L of 37th

+15 5.1 24.95

dir. gutter

+43 5.6 24.45

+50 4.8 25.25

dir. gutter

1+00 4.5 25.55

+50 4.3 25.75

2+00 6.3 23.75

+50 9.6 20.45

end profile

3.87 26.18

9.89 36.07

SE.B.P. 38th & Alpha

36.07

020 35.87

9.97 45.79

9.28 36.51

5.71 42.27

3.37 38.85

0.23 39.08

12.74 26.39

0.56 26.90

12.35 14.55

2.01 16.56

5.51 11.05

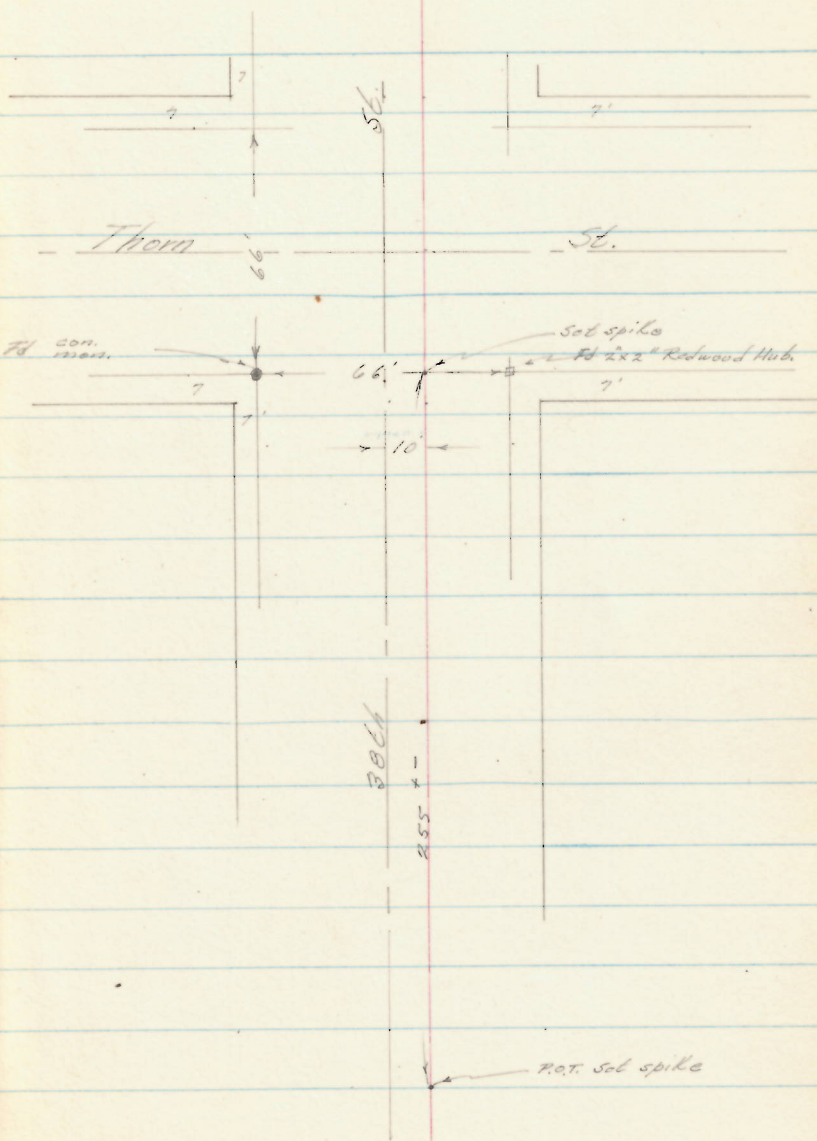
Sub 78M. SW FH. 38th & "Z" St

= 11.06 SEBP. 38th & alpha St.

Ward
Kemp
Alexander

1-25-55

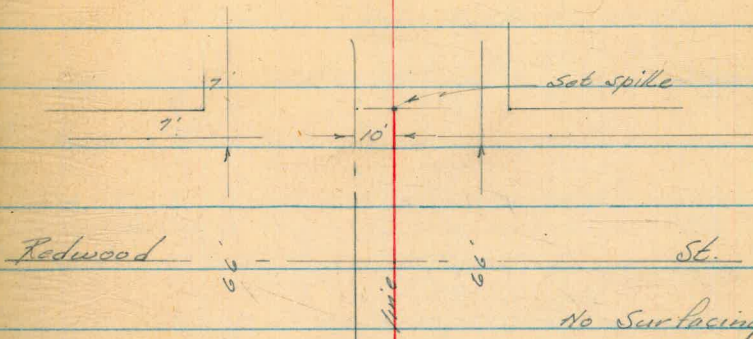
Profile of Proposed Water Line
38th St., Redwood to
Seattle St.



38th St. Cont.

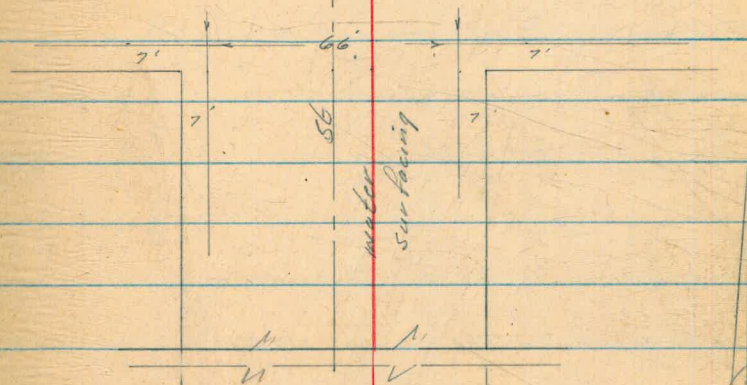
0400

N/H of Redwood St.



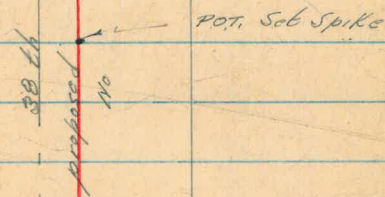
0480

S/H of Redwood St.



0500

Set ROT., Spike



0580.51

N/H of Quince

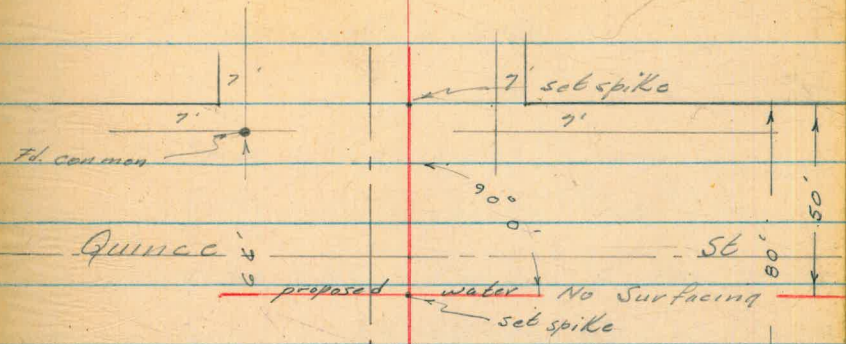
Quince

St.

38th St. Cont.

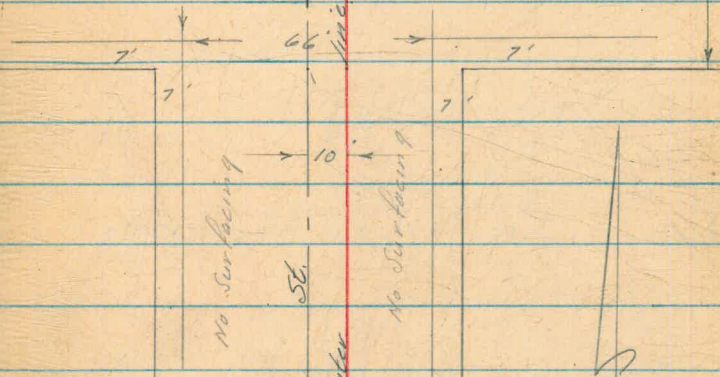
6+80.51

N/L of Quince St, set spike



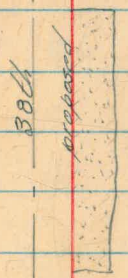
7+60.51

S/L of Quince St



8+25

No. edge 3" x 10' con. slab



8+70

So. edge " " "

38th St. Cont.

302.97

3.87 306.84

9.83 297.01

1.29 298.30

12.13 286.17

0.87 287.04

0+00

2.3 284.7

0+50

11.7 275.3

1+00

14.0 273.0

+50

12.5 274.5

T.P.

7.13 279.91

5.88 285.79

REDUCED BY H.C. BREWSTER
2-2-55

N.W. 8P. Redwood E. 40th

S.E. F.H. Alley So. of Redwood E. of 38th

water

Right

Left

| | | | | | | |
|------------------|------------------|------------------|-----------------|-----------------|-------------------|-------------------|
| $\frac{1.6}{50}$ | $\frac{3.2}{23}$ | $\frac{4.7}{17}$ | $\frac{3.2}{1}$ | $\frac{2.3}{0}$ | $\frac{+1.8}{11}$ | $\frac{+0.8}{30}$ |
|------------------|------------------|------------------|-----------------|-----------------|-------------------|-------------------|

| | | | |
|-------------------|-------------------|------------------|-------------------|
| $\frac{11.2}{50}$ | $\frac{11.3}{20}$ | $\frac{11.7}{0}$ | $\frac{11.4}{30}$ |
|-------------------|-------------------|------------------|-------------------|

| | | | | |
|-------------------|-------------------|-------------------|------------------|-------------------|
| $\frac{25.8}{50}$ | $\frac{21.8}{40}$ | $\frac{19.8}{30}$ | $\frac{14.0}{0}$ | $\frac{13.0}{30}$ |
|-------------------|-------------------|-------------------|------------------|-------------------|

| | | | | | | |
|-------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|
| $\frac{20.0}{50}$ | $\frac{14.0}{34}$ | $\frac{12.0}{30}$ | $\frac{12.8}{73}$ | $\frac{12.5}{0}$ | $\frac{12.5}{7}$ | $\frac{4.7}{30}$ |
|-------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|

38th Cont

285.79

2+00 6.2 279.6

2+50 3.7 282.1

3+00 4.0 281.79

3+50 5.0 280.8

4+00 6.0 279.8

4+50 7.0 278.8

5+00 8.3 277.5

T.P. 8.36 277.43

0.79 278.22

Right

Center

Left

| | | | | | | | |
|-----------------|-----------------|-----------------|-----------------|---------------|---------------|-----------------|-----------------|
| 10.1 | 8.2 | 5.4 | 5.9 | 6.2 | 6.5 | 1.0 | +0.1 |
| $\frac{50}{50}$ | $\frac{40}{40}$ | $\frac{76}{76}$ | $\frac{14}{14}$ | $\frac{0}{0}$ | $\frac{7}{7}$ | $\frac{18}{18}$ | $\frac{30}{30}$ |

| | | | | | |
|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|
| 7.3 | 3.7 | 3.7 | 3.8 | +1.5 | +1.7 |
| $\frac{50}{50}$ | $\frac{14}{14}$ | $\frac{0}{0}$ | $\frac{70}{70}$ | $\frac{20}{20}$ | $\frac{30}{30}$ |

| | | | | | | |
|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|
| 7.5 | 6.8 | 4.2 | 4.0 | 3.8 | +0.3 | +1.2 |
| $\frac{50}{50}$ | $\frac{32}{32}$ | $\frac{15}{15}$ | $\frac{0}{0}$ | $\frac{12}{12}$ | $\frac{20}{20}$ | $\frac{30}{30}$ |

| | | | | | | |
|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|
| 8.6 | 8.1 | 5.4 | 5.0 | 4.7 | 2.3 | 0.0 |
| $\frac{50}{50}$ | $\frac{39}{39}$ | $\frac{15}{15}$ | $\frac{0}{0}$ | $\frac{11}{11}$ | $\frac{15}{15}$ | $\frac{30}{30}$ |

| | | | | | | |
|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|
| 8.7 | 8.5 | 6.6 | 6.0 | 5.5 | 4.0 | 2.8 |
| $\frac{50}{50}$ | $\frac{30}{30}$ | $\frac{76}{76}$ | $\frac{0}{0}$ | $\frac{72}{72}$ | $\frac{77}{77}$ | $\frac{30}{30}$ |

| | | | |
|-----------------|-----------------|---------------|-----------------|
| 8.2 | 8.3 | 7.0 | 4.9 |
| $\frac{50}{50}$ | $\frac{44}{44}$ | $\frac{0}{0}$ | $\frac{30}{30}$ |

| | | | | |
|-----------------|-----------------|---------------|---------------|-----------------|
| 9.5 | 8.9 | 8.3 | 7.6 | 7.2 |
| $\frac{50}{50}$ | $\frac{45}{45}$ | $\frac{0}{0}$ | $\frac{5}{5}$ | $\frac{30}{30}$ |

REVISED BY H.C. BREWSTER
2-2-55

38th Cont

278.22

Left

5+50 3.2 275.0

$\frac{3.4}{50} \frac{3.4}{38} \frac{2.9}{27} \frac{3.4}{27} \frac{3.8}{3} \frac{3.2}{0} \frac{2.4}{2} \frac{2.4}{70} \frac{3.1}{73} \frac{2.6}{30}$

6+100 6.3 271.9

$\frac{6.1}{50} \frac{6.3}{44} \frac{6.1}{30} \frac{6.8}{7} \frac{6.3}{0} \frac{6.3}{30}$

6+50 9.4 268.8

$\frac{9.0}{50} \frac{9.1}{36} \frac{9.5}{29} \frac{9.9}{8} \frac{9.4}{0} \frac{9.8}{30}$

7+00 12.0 266.2

$\frac{12.1}{50} \frac{12.3}{39} \frac{12.0}{0} \frac{12.2}{30}$

T.P. 13.07 265.15

0.95 266.10

7+50 1.8 264.3

$\frac{1.9}{50} \frac{1.6}{70} \frac{1.8}{0} \frac{2.3}{24} \frac{3.0}{30}$

8+00 5.1 261.0

$\frac{3.6}{50} \frac{4.0}{72} \frac{5.2}{6} \frac{5.1}{0} \frac{5.8}{79} \frac{8.4}{30}$

+25 7.65 258.4

Madge 3" con. slip

8+50 10.3 255.8

$\frac{6.3}{50} \frac{6.9}{77} \frac{6.2}{76} \frac{7.5}{71} \frac{9.3}{8} \frac{10.3}{0} \frac{10.6}{70} \frac{12.0}{74} \frac{12.8}{30}$

T.P. 12.33 253.77

0.73 254.50

REDUCED BY H. C. BREWSTER
2-28-55

3864 Cont.

259.50

8+70

1.62 252.9

Right

Left

So. edge on slab

9+00

6.6 247.9

| | | | | | | | | | | |
|------|------|----|-----|-----|-----|-----|-----|-----|------|------|
| 40.3 | 37.7 | 34 | 3.5 | 2.8 | 4.0 | 6.0 | 6.6 | 7.1 | 10.4 | 10.5 |
| 50 | 45 | 36 | 19 | 16 | 11 | 8 | 6 | 14 | 23 | 30 |

9+50

11.8 242.7

| | | | | | |
|-----|------|------|------|------|------|
| 9.1 | 11.0 | 12.1 | 11.7 | 11.8 | 12.6 |
| 50 | 40 | 20 | 17 | 8 | 30 |

T.P.

12.98 241.52

T.B.M. Spike in PP 50 R6. Sta 10+00

5.19 246.71

10+00

10.4 236.31

| | | | | | |
|-----|-----|-----|------|------|-----|
| 7.6 | 8.9 | 9.6 | 10.4 | 10.6 | 8.3 |
| 50 | 42 | 10 | 8 | 17 | 30 |

0.50 246.21

12.69 258.90

0.09 258.86

12.31 271.17

0.20 270.97

13.03 284.00

0.28 283.72

13.22 296.99

REDUCED BY H.C. BREWSTER
2-28-55

38th Cont.

296.94

0.04 296.90

8.88 305.78

2.57 303.21

3.85 307.06

9.05 303.01

= 302.97

Werb
Kemp
Alexander

22

1-26-55

Profile of Proposed Water Line
Quince St., 38th to Alley East.

| | | | |
|-------|--------|--------|--------|
| | | 241.52 | |
| 18.17 | 254.69 | | |
| | | 0.28 | 254.91 |
| 12.90 | 267.31 | | |
| | | 0.75 | 266.56 |
| 0.99 | 267.55 | | |
| 0+00 | | 3.0 | 264.55 |
| +50 | | 2.3 | 265.25 |
| +75 | | 2.8 | 264.76 |
| 1+00 | | 4.4 | 263.15 |
| 1+50 | | 2.9 | 259.65 |
| 1+75 | | 2.3 | 258.25 |
| 1+90 | | 8.7 | 258.85 |
| 2+00 | | 6.3 | 261.25 |
| 2+35 | | 3.4 | 264.15 |
| | | 7.56 | 259.99 |
| 0.62 | 260.61 | | |

T.B.M. Power Pole Sta. 10+00 38th St.

S.W. power pole, spike, Quince & 38th

W/L of 38th St.

P.I. 6" water line, Alley E of 38th & Quince

Quince St cont:

260.61

10.61 250.00

0.88 250.88

9.38 241.50

= 241.52

Note for ties see pages 15, 16, 17

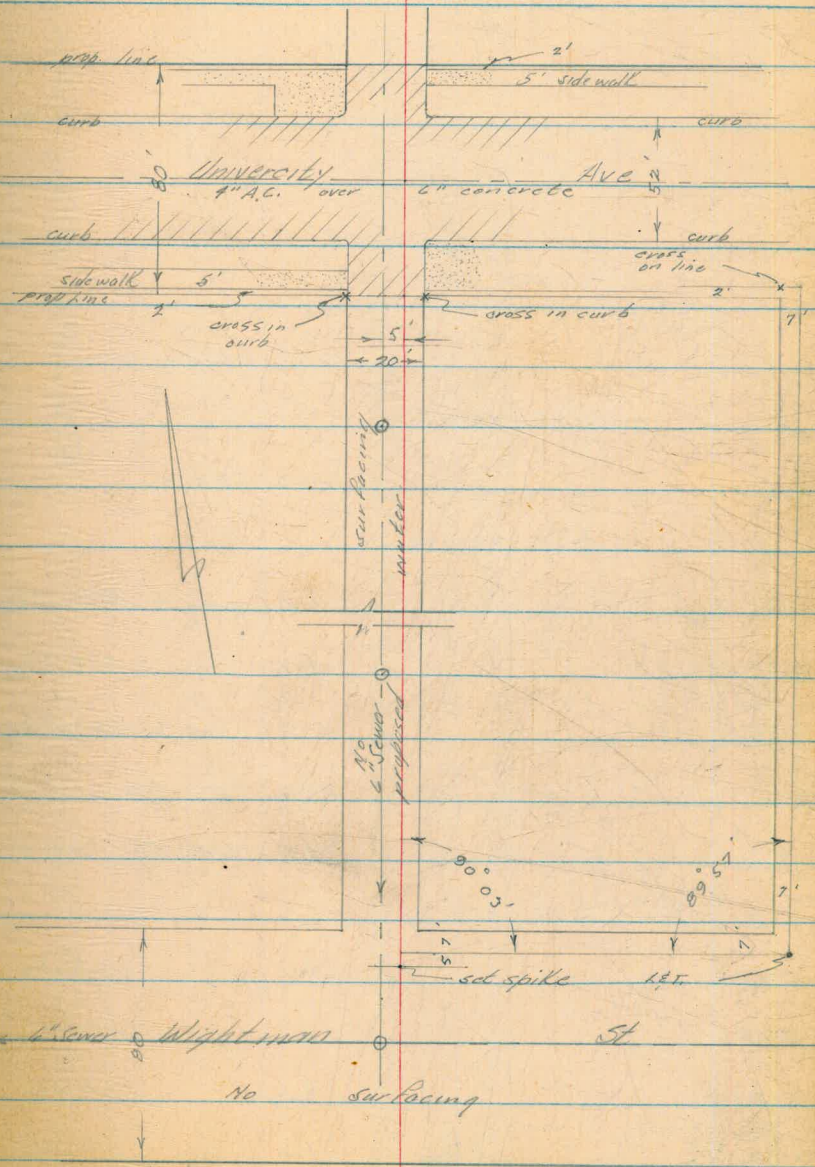
Wert
Kemp
Alexander

1-31-55

Profile & Proposed Water Line

Alley B/K 192, N of Wightman, E Wabash Ave

| | |
|---------|---------------------------------|
| 7+60.17 | N 1/2 of University |
| 7+46.17 | curb face |
| 6+94.17 | curb face |
| 6+00.17 | S 1/2 of University Ave |
| 6+61 | Sewer M.H. 5' left |
| 3+50 | Sewer M.H. 5' left |
| 0+80 | N 1/2 of Wightman |
| 0+40 | E of Wightman & Sewer M.H. left |
| 0+00 | S 1/2 of Wightman |



Alley Bill 192 Cont.

358.86

N.W. SP. Swift & University

1.17 360.03

6.94 353.99

T.B.M. end, & curb return, (see plan)

2.74 356.73

12.97 343.76

0.76 344.52

11.60 332.92

0.87 333.29

No. located by J. G. R. 2-23-55

0+00 2.2 324.09

S/L Wightman

0+24 9.1 324.19

0+40 7.5 325.99

4 Wightman

0+40 7.56 325.73

Sewer M.H. 5' left cut 7'0" to flow

T.P. 7.56 325.73

T.B.M. East Rim Sewer M.H. Sta 0+40

9.13 324.86

0+50 8.9 325.96

0+61 9.3 325.56

1+00 7.1 327.76

1+30 5.8 329.06

334.86

1+50 1.2 330.66

1+75 3.1 331.76

2+00 0.5 334.36

T.P. 0.36 334.50

11.57 336.07

2+50 9.9 336.67

3+00 6.0 340.07

3+50 2.2 348.87

3+50 2.32 343.75

Sewer M.H. 5' left cut in to flow

T.P. 0.07 346.00

11.46 352.46

4+00 9.5 347.96

4+50 6.5 350.96

5+00 5.5 351.96

5+50 3.1 354.36

6+00 2.1 355.36

6+50 2.5 354.96

6+61 2.0 354.66

Alley 192 Cont.

357.46

6+61 2.92 354.54

Sewer 194. 5' left 7.7 to flow

6+80.17 4.1 352.36

S/H of University & start of A.C. paving

6+99.17 4.3 353.16

Eo. curb face & gutter

T.P. 3.46 354.00

8.04 362.04

7+00 8.4

7+20.17 7.4

& University

7+46.17 8.1

No. curb face & gutter

7+60.17 7.4

N/L of University

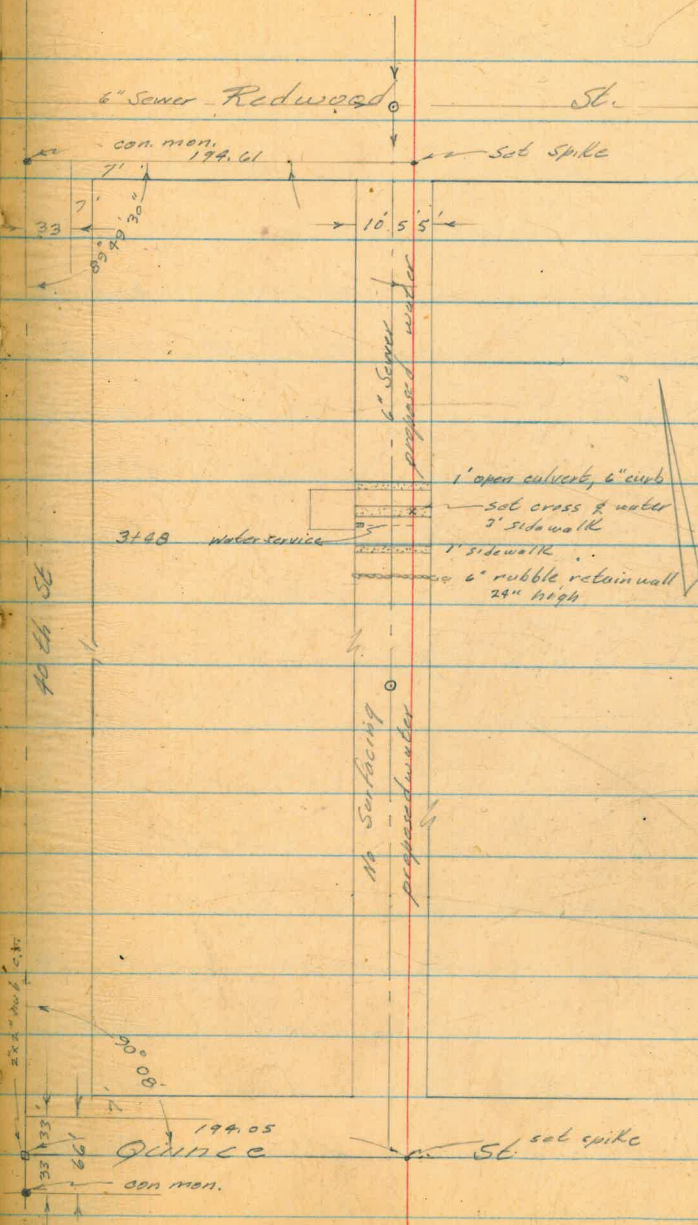
3.17 358.87

B.P. - 358.86

Wort
Kemp
Alexander

2-1-55

Profile & Proposed Water Line
Alley B/L 137. E of 40th & So. of Redwood



Alley BK 137 Cont

302.97

BP NW cor. 10th & Redwood

5.87 308.84

0+00 3.4 305.44

N/E of Redwood

0+40 3.87 304.97

Sewer MH. 5' FL. (no crossing) 10' to inlet, 14' to out

0+50 4.2 304.64

0+80 4.5 304.34

S/E of Redwood

1+00 4.6 304.24

1+50 5.4 303.44

2+00 6.3 302.54

2+50 7.4 301.44

3+00 8.7 300.14

T.P. 10.38 298.46

0.69 299.15

3+31 0.87 298.28

gutter, 1' con. open drain

3+31.3 0.30 298.85

Top of curb " "

3+41 1.10 298.05

E of 3' con sidewalk, 4" thick

3+50 1.3 297.85

3+57 1.71 297.44

E of 1' con walkway, 2" thick

299.15

3+65 1.86 297.29

Top 6" rubble retain wall

3+65.6 2.8 295.35

Bottom " " "

3+70 4.1 295.05

4+00 9.7 289.45

T.P. 12.54 286.61

11.09 297.70

4+22 12.55

Sewer M.H. 5' RL. 5.5 to flow

4+25 12.7 285.00

T.P. 12.55 285.15

T.B.M. Sewer M.H. East rim (4+22)

12.73 297.88

1.01 296.87

11.78 308.65

5.70 302.95

= 302.97

Profile & Proposed Water Line
 Gregory St, Martin to Terminus

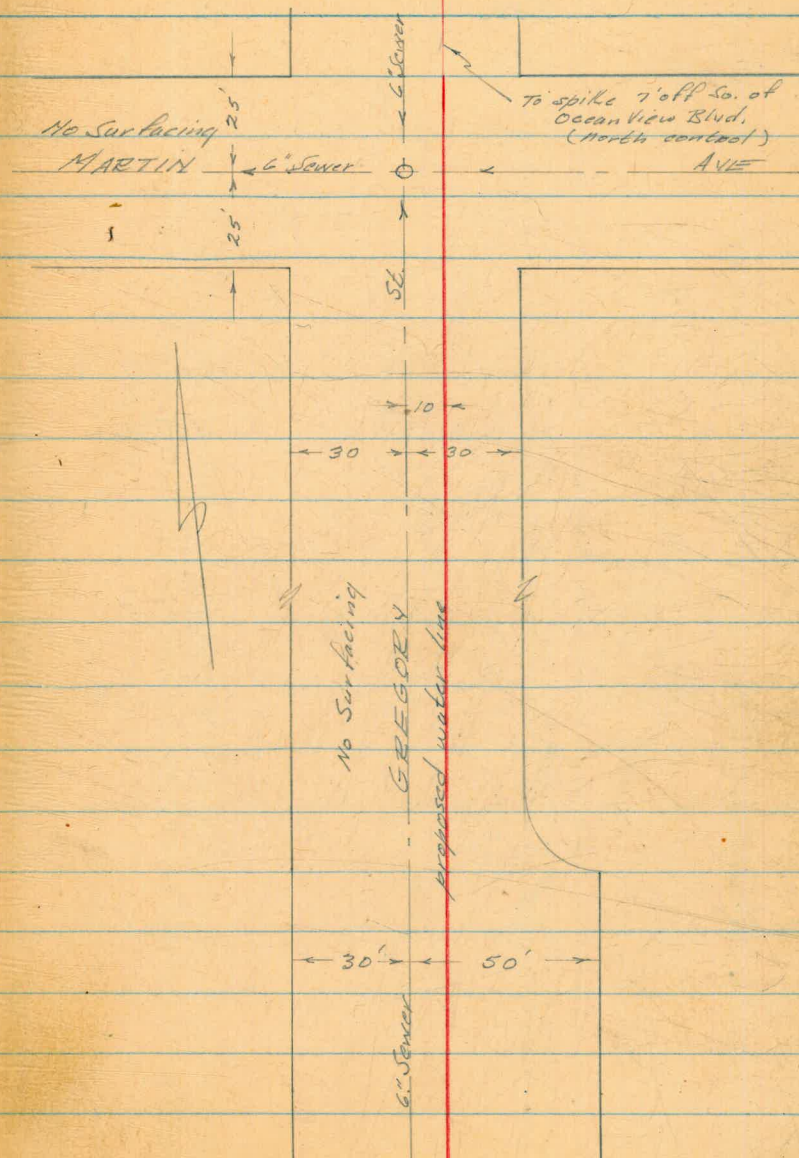
6+55.07 N/L of Martin
 6+70 Sewer M.H. 10' RL
 7+05.07 S/L of Martin

10+60.07 Start 80' width

Werb
 Kemp
 Alexander

31

2-2-55



Gregory St Cont.

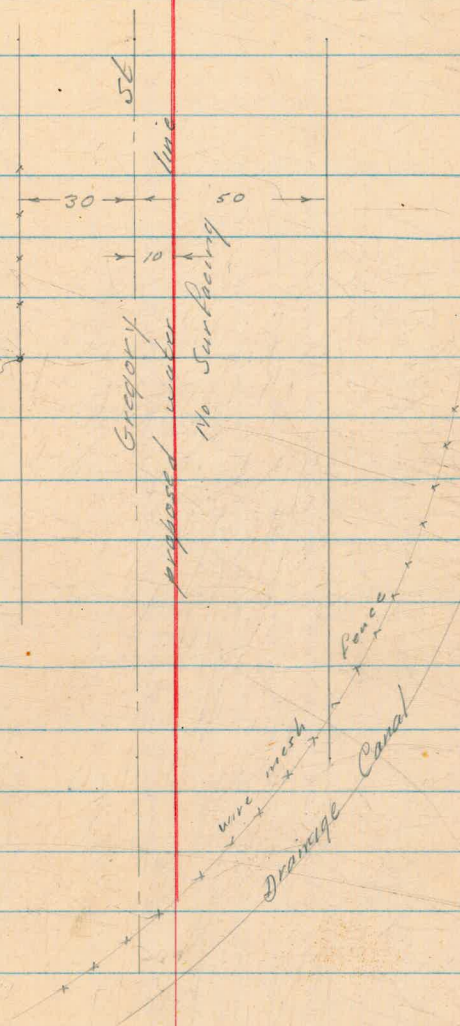
12+65

South control, $\frac{3}{4}$ " prop pipe

wire mark fence
3/4" pipe
L.S. 2341

14+87

proposed line crosses canal fence



Gregory St. Cont.

| | | 17.22 | SE. th. Ocean View Blvd & 33rd |
|------|------|-------|--------------------------------|
| | 4.17 | 26.39 | |
| 0+00 | | 5.1 | N/E of Ocean View Blvd |
| 0+03 | | 4.3 | |
| 0+06 | | 4.1 | Back sidewalk Ocean View |
| 0+11 | | 4.2 | Front " " |
| 0+15 | | 4.9 | No. gutter, 9" curb |
| 0+39 | | 4.2 | of Ocean View |
| 0+66 | | 4.9 | So. gutter |
| 0+80 | | 4.7 | S/E of Ocean View |
| 1+00 | | 5.9 | |
| 1+50 | | 8.6 | |
| T.P. | | 9.32 | 12.07 |
| | 3.13 | 15.20 | |
| 1+80 | | 3.1 | |
| 2+00 | | 3.3 | |
| 2+50 | | 3.6 | |
| 3+00 | | 4.1 | |

Beatty

Will you have 4 additional
meters staked on Suncrust Dr.

Group 101

Paul St.

July 1972

Alley BIK 253

2630

3 12-901

Group 23

514-A

Charly

12/1/72

15.20

| | | | |
|---------|------|-------|--------------------------------|
| 3+50 | 4.3 | | |
| 4+00 | 4.5 | | |
| 4+50 | 4.6 | | |
| 5+00 | 4.9 | | |
| 5+50 | 5.1 | | |
| 6+00 | 5.5 | | |
| 6+50 | 5.8 | | |
| 6+55.07 | 5.9 | 9.3 | N/E of Martin St. |
| 7+70 | 6.0 | 9.2 | Sewer crossing cut 5.2 to flow |
| 6+70 | 5.74 | 9.46 | Sewer MH. 10' DI. |
| 7+00 | 6.3 | 8.9 | |
| 7+05.07 | 6.5 | 8.7 | SE of Martin St. |
| TP | 9.15 | 11.05 | Top SE TH. Martin & Gregory |
| | 1.64 | 12.69 | |
| 7+50 | 4.1 | 8.59 | |
| 8+00 | 4.6 | 8.09 | |
| 8+50 | 4.6 | 8.09 | |
| 9+00 | 4.4 | 8.29 | |

12.69

| | | |
|-------|-----|------|
| 9+50 | 4.4 | 8.29 |
| 10+00 | 4.6 | 8.09 |
| 10+50 | 5.1 | 7.59 |
| 11+00 | 6.0 | 6.69 |
| 11+50 | 6.1 | 6.59 |
| 12+00 | 6.3 | 6.39 |
| 12+50 | 6.4 | 6.29 |
| 13+00 | 6.7 | 5.99 |
| 13+50 | 7.0 | 5.69 |
| 14+00 | 6.6 | 6.09 |

T.P. 6.45 6.24

T.B.M. 3/4" prop pipe Sta. 12+65

5.98 12.22

4.00 8.22

5.60 13.82

4.36 9.46

7.53 16.99

3.80 13.19

5.39 18.58

Gregory St Camb

18.58

1.34 17.24

= 17.27

Walt
Kemp
Alexander

37

2-7-55

Profile of Proposed Water
Alley Bk 36, N of Madison, E of Iowa

391.55

0.45 392.0

T.P. 5.72 386.28

NE. L&T. Madison E Iowa

3.61 389.89

0+00 4.9 385.0

SE of Madison

0+12 5.4 384.5

So. curb line

0+30 4.6 385.3

E. Madison

0+48 5.0 384.9

No curb line

0+50 5.0 384.9

0+57 4.6 385.3

Edge of AC paving

1+00 3.0 386.3

1+50 3.8 386.1

2+00 4.0 385.9

4+50 4.5 385.4

T.P. 4.08 385.81

4.07 389.88

Wert
Camp
Alexander

38

2-7-55

389.88

| | | |
|------|------|--------|
| 3+00 | 4.8 | 385.1 |
| 450 | 5.1 | 384.8 |
| 4+00 | 5.2 | 384.7 |
| 450 | 4.8 | 385.1 |
| 5+00 | 4.6 | 385.3 |
| 421 | 4.50 | 385.4 |
| 5+50 | 4.6 | 385.3 |
| 6+00 | 4.1 | 385.8 |
| 450 | 3.6 | 386.3 |
| 7+00 | 3.3 | 386.6 |
| 7+19 | 2.5 | 387.4 |
| 7+19 | 2.52 | 387.36 |
| T.P. | 2.52 | 387.36 |

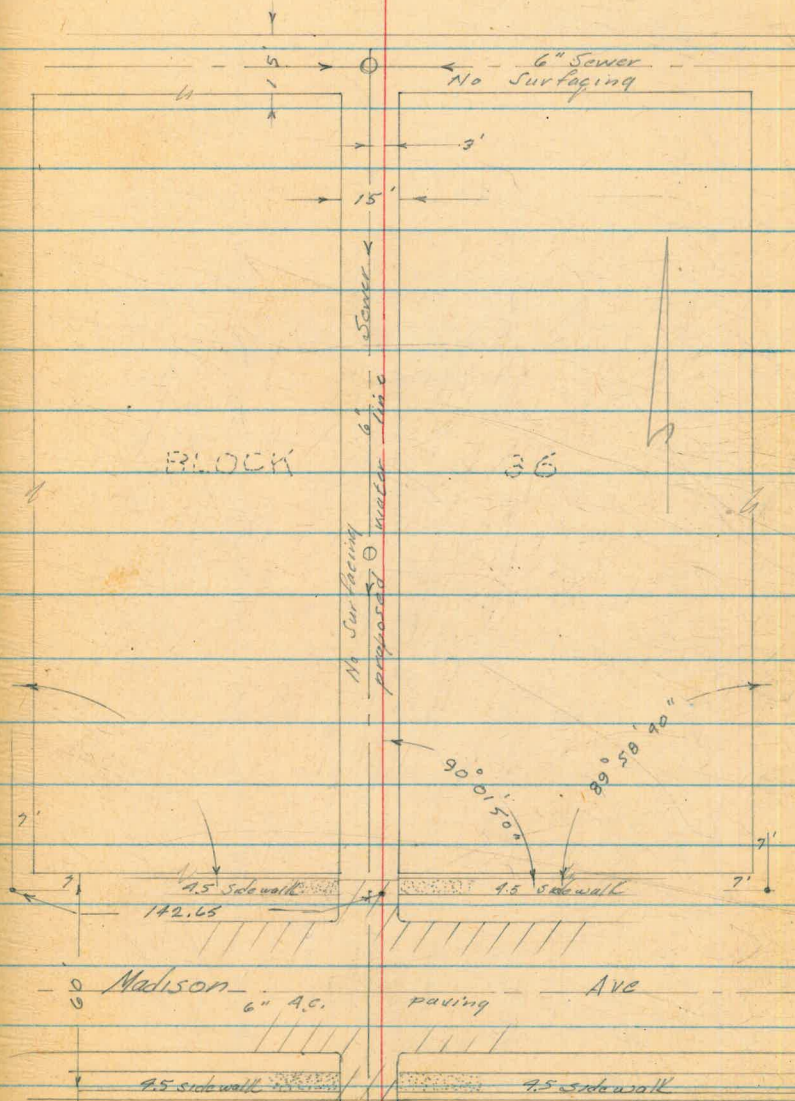
Sewer M.H. 3' ht cut 5.3 to flow line

Sewer crossing

Sewer M.H. 3' ht

T.B.M. Sewer M.H. cover East rim

Alley Bk 36 Cont.

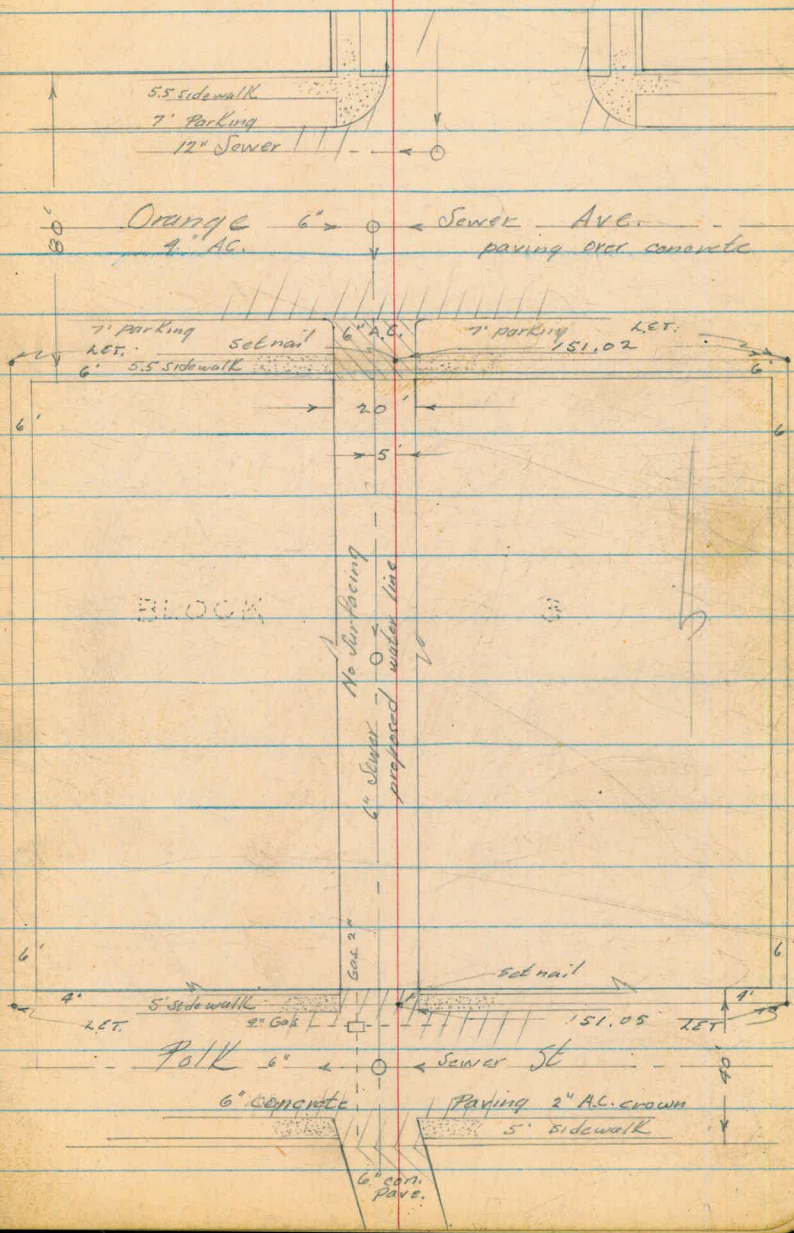


Profile & Proposed Water Line
 Alley BK 3 N Polk & E. of 33rd St

Wert
 Kemp
 Alexander

40

2-8-55



Alley B/L 3 Cont.

| | | | | |
|-------|--------|--------|--------|--|
| | | 366.66 | | N.W. B.P. Orange Ave. & 33rd St |
| 1.94 | 368.60 | | | |
| | | 7.40 | 361.20 | |
| 1.97 | 363.17 | | | |
| | | 7.80 | 355.37 | T.B.M. Spike in pole SW. cor. Alley B/L 3 & Polk St. |
| 8.13 | 363.50 | | | |
| 0+100 | | 8.8 | 354.7 | S/L of Polk |
| 0+107 | | 9.0 | 354.5 | So. curb line Polk |
| 0+20 | | 8.5 | 355.0 | Sewer crossing |
| 0+20 | | 8.46 | 355.04 | Sewer M.H. 5' H. cut 2.1 to flow line |
| 0+30 | | 8.6 | 354.9 | Gas crossing |
| 0+30 | | 8.66 | 354.84 | Gas M.H. 6' H. cut 2.6 top pipe |
| 0+34 | | 8.8 | 354.7 | No. curb line |
| 0+40 | | 8.4 | 355.1 | N/L Polk & edge 6" A.C. paving |
| 0+50 | | 7.8 | 355.7 | |
| 1+00 | | 5.7 | 357.8 | |
| 1+50 | | 4.9 | 358.6 | |

Reduced by J. Gray at 25.55

Alley Blk 3 Cont

363.50

| | | |
|------|------|--------|
| 2+00 | 4.2 | 359.3 |
| 2+50 | 3.1 | 360.4 |
| 3+00 | 2.0 | 361.5 |
| 3+00 | 2.30 | 361.2 |
| 3+50 | 1.3 | 362.2 |
| 4+00 | 0.6 | 362.9 |
| T.P. | 0.62 | 362.88 |

7.94 370.82

| | | |
|---------|------|--------|
| 4+50 | 7.5 | 363.32 |
| 5+00 | 6.3 | 364.52 |
| 5+50 | 5.0 | 365.82 |
| 6+00 | 4.9 | 365.92 |
| 6+08.50 | 5.2 | 365.62 |
| 6+23. | 5.7 | 365.12 |
| 6+40.50 | 4.3 | 366.52 |
| 6+48.50 | 3.92 | 366.90 |
| 6+69 | 4.7 | 366.12 |
| 6+69 | 4.34 | 366.48 |

Sewer M.H. 5' Lt. 7.5 to flow line

5/4 of Orange Ave.
So. curb line

1/2 of Orange Ave & Sewer crossing
Sewer M.H. 21' Rt. cut 8.9 to flow line

Sewer crossing (12")

Sewer M.H. 17' Rt. 8.0 to flow line

Alley BK 3 Cont.

370.82

67.75

4.9

365.82

No. curb line Orange Ave

T.P.

4.15

366.67

= 366.66 B.M. N.W. CP Orange & 33rd.

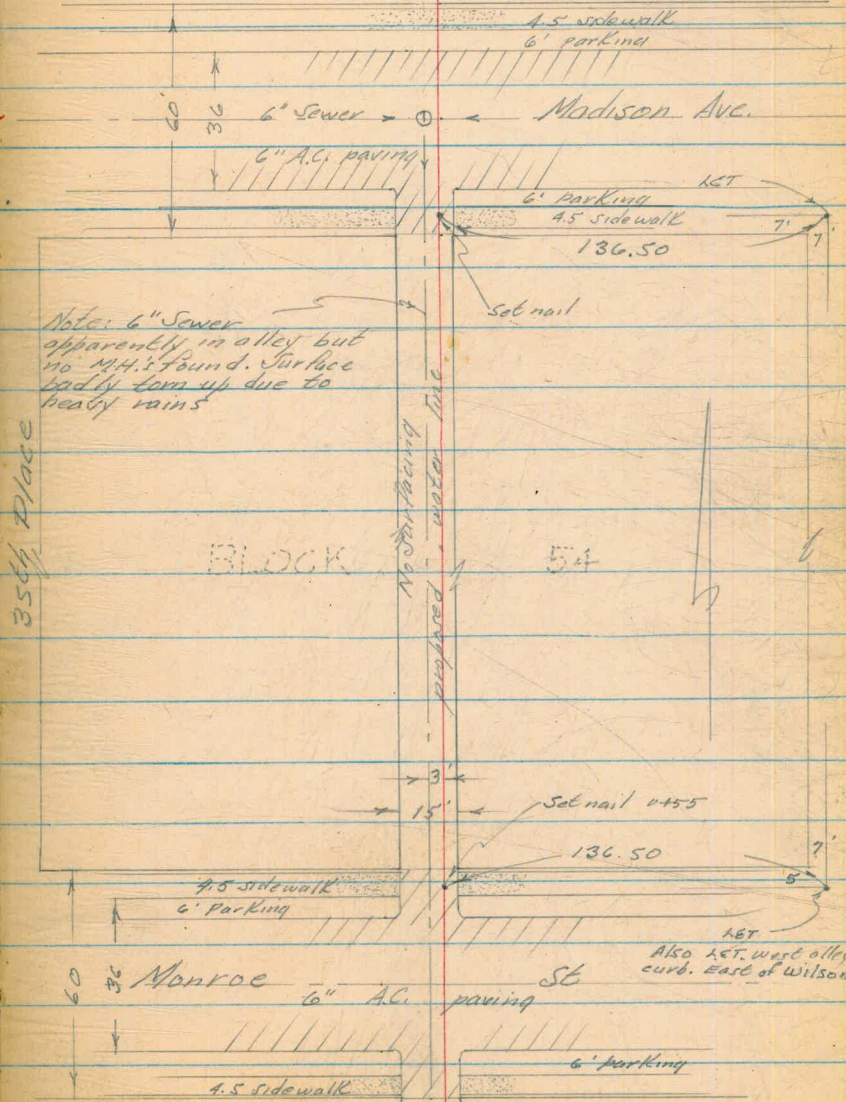
Wert
Kemp
Alexander

44

2-8-55

Profile & Proposed Water Lines

Alley Bk 54, N. Monroe, F of 35 Pl.



Note: 6" Sewer apparently in alley but no M.H.'s found. Surface badly torn up due to heavy rains

Alley B/K 54 Cont.

| | | | | |
|--------|--------|------|--------|--------------------------|
| | | | 394.22 | SE. F.H. Monroe & Wilson |
| 245 | 396.67 | | | |
| 0+00 | | 5.6 | 391.07 | S/L of Monroe St |
| 0+02.5 | | 5.0 | 391.67 | So. edge of 6" AC. apron |
| 0+12 | | 5.2 | 391.47 | So. curb line |
| 0+30 | | 4.5 | 392.14 | ¢ of Monroe |
| 0+48 | | 5.0 | 391.67 | No. curb line |
| 0+50 | | 5.0 | 391.67 | |
| 0+53 | | 5.0 | 391.67 | Gas M.H. 1.5 ft. |
| 1+00 | | 4.2 | 392.47 | |
| 1+50 | | 3.7 | 392.97 | |
| 2+00 | | 3.3 | 393.37 | |
| 2+50 | | 3.2 | 393.47 | |
| 3+00 | | 3.1 | 393.57 | |
| | | 2.20 | 394.47 | |
| 486 | 399.33 | | | |
| 3+50 | | 5.8 | 393.53 | |
| 4+00 | | 5.6 | 393.73 | |

Reduced by J Gray 2-24-55

Alley BK 54 Cont.

399.33

| | | |
|------|------|--------|
| 4+50 | 4.9 | 394.43 |
| 5+00 | 4.7 | 394.63 |
| 5+50 | 4.4 | 394.93 |
| 6+00 | 3.8 | 395.53 |
| 6+50 | 3.3 | 396.03 |
| | 4.00 | 395.33 |

338 398.71

| | | |
|------|------|--------|
| 7+00 | 4.9 | 393.81 |
| 7+15 | 5.5 | 393.21 |
| 7+33 | 4.8 | 393.91 |
| 7+51 | 5.2 | 393.51 |
| | 2.71 | 396.00 |

So curb line Madison

& Madison

No curb line

395.99 SE. FH. Madison & Wilson

La Jolla Shores Dr.
Additional X Sec. Cont. from page 9

58.29

0.34 58.63

10.98 47.65

~~5.53~~ 6.53 54.18

~~5.53~~
8+80

47.65

9+0.6 7.92 55.57

3.97 51.60

8.14 59.74

1.46 58.28

Went
Kemp
Halahan
Alexander

47

2-21-55

dist. cross S.W. cor Valve Chamber, La Jolla Shores &
Pasco Dorado

T.B.M. nail in power pole Sta 8+25

& water

| | | | | | | | |
|-----|-----|-----|-----|-----|-----|-------|-------|
| 4.9 | 3.9 | 3.4 | 1.0 | 1.0 | 0.6 | + 0.5 | + 0.6 |
| 0 | 79 | 21 | 25 | 34 | 35 | 63 | 68 |

& water

| | | | | | |
|------|-----|-----|-----|-----|-----|
| 11.1 | 2.7 | 8.4 | 7.0 | 6.5 | 4.8 |
| 780 | 75 | 30 | 25 | 17 | 0 |

cross on Valve Chamber

Profile of Proposed Water Line
 University Ave, Cartagena Dr. to Alamo Dr.

0+00

Wpk of Cartagena produced

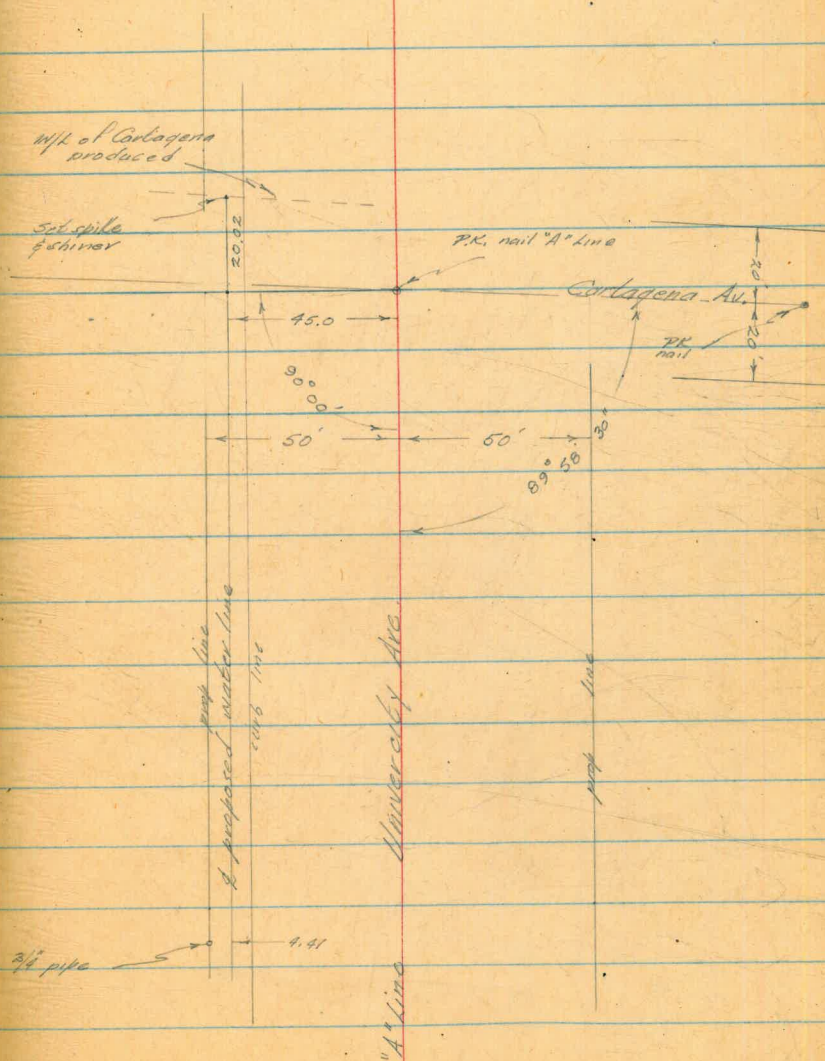
1+44

3/4" pipe L.S. 2912, 4.91 RL water line

Werb
 Kemp
 Alexander
 Holahan

48

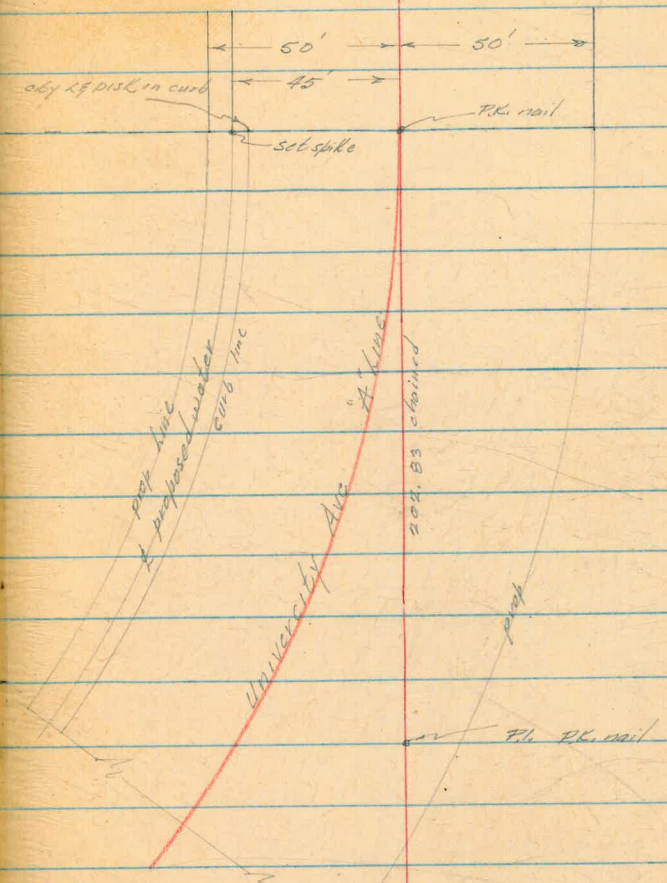
5-18-55



Rec.
19+06.15

B.C.

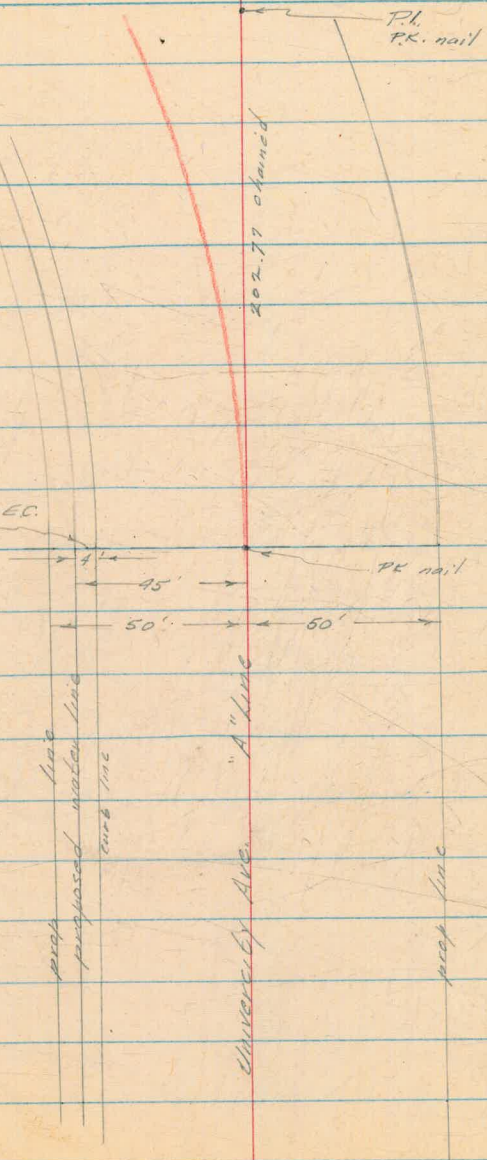
Radius $R = 955$
Angle $\Delta = 22^\circ 55' 30''$
Chord $T = 193.65$
" $L = 382.11$



Rec.
22+88.26

F.C.

city LEON & EC.
87' off



202.77 chained

Pl.
PK nail

PK nail

University Ave. "A line"

prop line

26+28.12

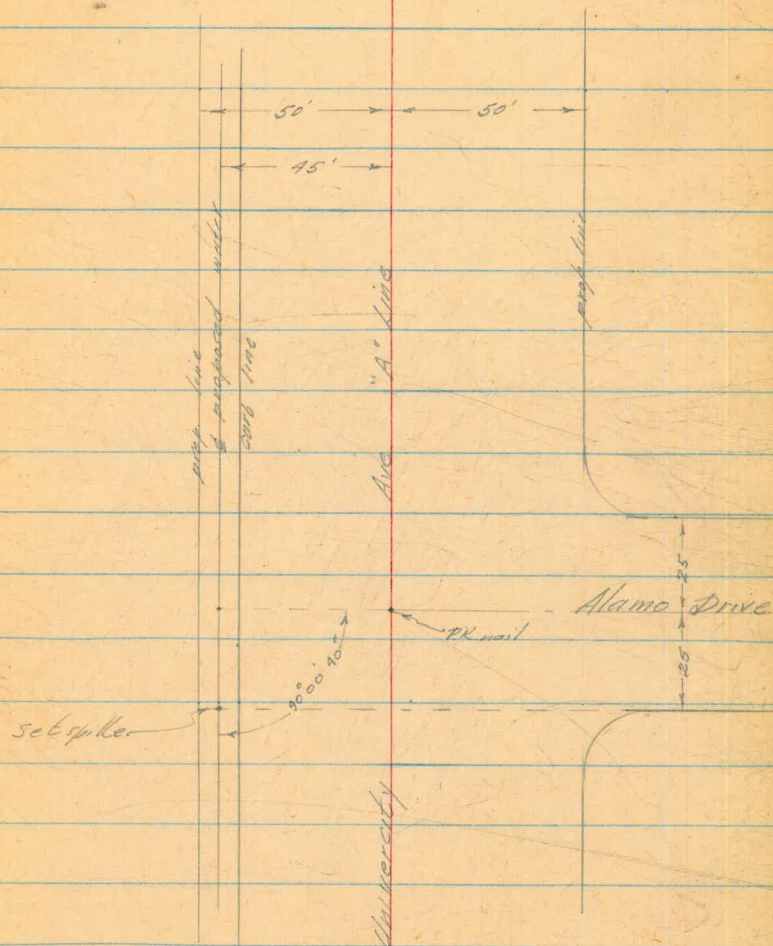
E Alamo

26+53.12

W/L of Alamo

Note Stationing: Map 1069 Sh. 3

216 diff in from EC. to E Alamo



University Ave Cont

| | | | | |
|--------|--------------------------|------|--------|--|
| | | | 322.26 | |
| 8.46 | 330.72 | | | |
| | | 0.57 | 330.15 | |
| 10.12 | 340.27 | | | |
| | | 0.87 | 339.40 | |
| 1.42 | 343.82 | | | |
| 0+00 | | 7.0 | 336.82 | |
| 0+10 | | 6.8 | 337.02 | |
| 0+10 | | 7.37 | 336.45 | |
| 0+20 | | 6.6 | 337.22 | |
| 0+20 | 0+32 E end drive A.C. | 6.40 | 337.22 | |
| 0+35 | 0+30 - A.C. dr. | 6.0 | 337.82 | |
| 0+50 | 0+65 - A.C. dr. | 5.9 | 337.92 | |
| 0+88.5 | | 5.0 | 338.82 | |
| 1+00 | 1+02 - A.C. dr. | 4.8 | 339.02 | |
| 1+43 | 1+43 - A.C. dr. | | | |

55/155
 23/155
 by J. Gray
 reduced by J. Gray

BM # 4-A Chis sq. East curb Bonillo Dr 8'
So. of alley County 358.92

NW prop disk College of University (city datum)
(water Bk. 896 - P 40)

L& disk 0+75 90' ht. Cartagena & University

W/I of Cartagena produced 6" AC paving

S.D. cross.

cut 207 to top 30" SP pipe

& Cartagena & Sewer crossing

12" Sewer M.H. 77' ht. cut B.O. to flow

End 6" AC. start 4"

PP # P-277956 2' ht

Texaco Fleet sign 6.5 ft

University Ave Cont

343.82

| | | |
|----------------------------------|------|--------|
| 1+50 | 4.0 | 339.82 |
| 1+53 - AG. dr. 1+94 - AG. dr. | | |
| 2+00 | 3.6 | 340.22 |
| 2+22 - AG. dr. | | |
| 2+50 | 3.3 | 340.52 |
| 2+52 - AG. dr. | | |
| 2+54.5 | | |
| 2+58 - AG. dr. 2+88 - AG. dr. | 2.4 | 341.42 |
| 3+22 - AG. dr. | | |
| 3+50 | 1.7 | 342.12 |
| 3+56.5 | | |
| 3+53 - AG. dr. | 1.8 | 342.02 |
| TP | 1.35 | 342.47 |

2.95 352.42

| | | |
|------|------|--------|
| 4+00 | 9.1 | 343.32 |
| 4+05 | | |
| 4+50 | 7.8 | 344.62 |
| 5+00 | 6.4 | 346.02 |
| 5+50 | 4.7 | 347.72 |
| 6+00 | 3.5 | 348.92 |
| 6+34 | 2.6 | 349.82 |
| 6+34 | 3.35 | 349.09 |

TP # 78030 2' LT

3+34 Sewer MH 21.5 LB (no crossin)
3+45 Telp. MH. 26. LB " "

End of 4" AG. Note: All AG. runs from curb to buildings)

No Surfacing

TP # 277457 2' LT

S.D. cross

Prop Inlet 6' LT 3.7 top 30" Drain

University Cont

352.42

| | | |
|---------|------|--------|
| 6+50 | 2.1 | 350.32 |
| 6+85 | 1.2 | 351.22 |
| 7+00 | 0.9 | 351.52 |
| 7+00.50 | 0.9 | 351.52 |
| 7+00.5 | 1.5 | 350.92 |
| 7+03 | 1.5 | 350.92 |
| TP | 0.88 | 351.54 |

6+68 Sewer MH 21' Lt (no crossing)
 B.C. curb return 45' Lt
 curb crossing
 gully
 Begin 4" AC paving Bonillo Dr.

6.58 358.12

| | | |
|--------|-----|--------|
| 7+06.5 | | |
| 7+15 | | |
| 7+50 | 6.2 | 351.92 |
| 7+55 | | |
| 7+66.5 | 5.8 | 352.32 |
| 7+69 | 5.9 | 352.22 |
| 7+69 | 5.2 | 352.92 |
| 7+75.5 | | |
| 7+85 | | |
| 8+00 | 4.8 | 353.32 |

PR # 277054 8' Rt
 E.C. curb return 25' Rt
 curb return 25' Rt
 End 4" AC
 gully
 Top curb & begin 4" con. sidewalk 10' wide
 Elect Union sign 10' Rt
 E.C. curb return 4.6 Lt
 7+96 Tele. MH 25' Lt.

7+75 - con. dr.

8+00 - con. dr.

University Ave Cont

358.12

| | | | |
|---------------------|------|--------|--|
| 8+50 | 3.7 | 354.42 | |
| 8+63 - con dr. | | | |
| 9+00 9+00 - con dr. | 2.7 | 355.42 | End 4" con sidewalk |
| 9+00 | | | PP # 474733 2' Lt (Tel. & power to Gas Station) |
| 9+50 | 2.1 | 358.02 | |
| 10+00 | 1.4 | 356.72 | |
| 10+01.5 | | | PP # 772459 2.5 Lt |
| 10+26.5 | | | Dead man to pole 2.5 Lt |
| T.P. | 12.9 | 356.83 | |
| 6.07 | | 362.90 | |
| 10+50 | 5.5 | 357.90 | |
| 11+00 | 5.0 | 357.90 | |
| 11+28 - A.C. dr | | | |
| 11+29.5 | 5.1 | 357.80 | Begin 4" A.C. |
| 11+50 | 5.2 | 357.70 | |
| 11+58 A.C. dr. | | | |
| 11+55 | 5.1 | 357.80 | A.C. from here to curb is 4" to 18" @ curb |
| 11+94 | | | B.C. curb return & Elect sign 9.5 Rt |
| 12+00 | 5.2 | 357.70 | |
| 12+07.4 | 5.5 | 357.40 | 12+05 Tele. M.H. 22' Lt. crosses line at 12+07 curb cross |
| 12+07.4 | 6.1 | 356.80 | gutter Begin 6" A.C. paving |

University Cont

342.90

12+21.2

E.C. curb return 23.5' Rt, curb line produced

T.P

6.53 3516.37

3.80 360.17

12+32

3.4

356.97

Gas cross.

12+50

3.7

356.47

12+59 Gas MH 23' Lt no crossing

12+61

Gas MH 23' Lt

12+63.7

RC curb return 23' Rt

12+74.8

4.2

355.97

12+69 Sewer MH 23' Lt. (no crossing)
gutter, end 6" A.C.

12+74.8

3.6

356.57

Tap curb begin 4" A.C.

12+77

Block sign 10' Rt

12+91.4

E.C. curb return 4.5' Lt

12+93

PP# 371012 2.5' Lt

13+00 con. dr

3.8

356.37

End 4" A.C. begin 6" con drive

13+35.2 con. dr

4.6

355.57

End 6" con begin 9" A.C.

13+50

4.7

355.47

13+59.5 con. dr

End 9" A.C. begin 6" con. drive

University Cont

360.17

| | | | |
|------------------|--------|--------|---|
| 13+86 | 5.1 | 355.07 | S.D. cross |
| 13+86 | 5.66 | 354.51 | S.D. M.H., 6' lt. cut 8.6 to P.L. 36" drain |
| 13+95.7 con. dr. | 4.9 | 355.29 | End 6" con. |
| 14+00 | 4.9 | 355.29 | no surfacing |
| 14+47.5 | | | PP # 471931 2.5' LK |
| 14+50 | 4.3 | 355.87 | |
| 15+00 | 3.4 | 356.77 | |
| 15+50 | 2.0 | 358.17 | |
| 16+00 | 0.7 | 359.47 | |
| | 0.70 | 359.47 | |
| 6.82 | 366.29 | | |
| 16+19.5 | | | PP # 371013 2.5' LK |
| 16+50 | 5.7 | 360.59 | |
| 17+00 | 4.9 | 361.39 | |
| 17+50 | 4.3 | 361.99 | |
| 18+00 | 3.8 | 362.49 | |
| 18+50 | 3.4 | 362.89 | 18+44 7c/6 M.H. 2c. LK no crossing |

University Cont

366.29

| | | | | |
|----------|------------------------------------|----------|--------|--|
| 19+00 | | 3.0 | 363.29 | |
| 19+06.15 | | 3.1 | 363.19 | B.C. & water |
| | | 3.04 | 363.25 | TBM. L&D disk center curb @ B.C. 4.7 ft. |
| 19+16 | 6.05 | | 369.30 | |
| 19+50 | | 5.7 | 363.60 | PP # 37101 2.5 ft. |
| 20+00 | | 5.3 | 364.0 | curb 4.6 ft. |
| 20+50 | | 5.0 | 364.3 | |
| 21+00 | | 4.7 | 364.60 | curb 4.4 ft. |
| 21+50 | | 4.4 | 364.90 | |
| 21+81.5 | | | | PP # 37101C 2.5 ft. |
| 22+00 | | 4.4 | 364.9 | curb 4' ft. |
| 22+19.6 | | 4.4 | 364.9 | Begin 4" AC. |
| 22+37.4 | con. dr. | 4.4 | 364.9 | End 4" AC., Begin 6" con drive 40 LT & 55 RT |
| 22+50 | } 9' wide dr. conc dr. | 4.8 | 364.50 | |
| 22+72 | | con. dr. | | |
| 22+88.26 | } 5' Conc Sidewlk Cont. to curb | 4.9 | 364.4 | E.C. curb 4.0 ft. |
| 22+93.2 | | | | |
| 22+100 | | 4.96 | 364.34 | TBM. L&D disk 7' off prop @ E.C. |
| | 1.99 | | 366.33 | |

University Cont

366.33

| | | | | |
|---------|----------------|------------|---------------|--------|
| 23100 | 22199 con. dr. | } 95' wide | 2.3 | 364.03 |
| 23140 | 23128 con. dr. | | } 5' cont. SW | |
| 23150 | | | | 2.8 |
| 23154.8 | | | 3.0 | 363.33 |
| 23154.8 | | | 3.6 | 362.73 |
| 23162 | | | | |
| 23163 | | | | |
| 24100 | | | 1.3 | 362.03 |
| 24104 | | | | |
| 24119 | | | 5.0 | 361.33 |
| 24119 | | | 1.4 | 361.93 |
| 24130.6 | | | | |
| 24132.5 | | | | |
| 24150 | | | 5.0 | 361.33 |
| 25100 | | | 6.1 | 360.23 |
| 25150 | | | 7.0 | 359.33 |

BC curb return, curb 3.8 ft

curb crossing

gutter, begin 6" AC paving

Gas Valve 25' LF

" " 20 16" FC curb return 20' RT

24101 27' LF Tele. MH. (no crossings)

curb return 22' RT

curb crossing (gutter) end 6" AC paving

Top curb

FC curb return 40 LF

PP # 371018 2.0 LF

Additional X Sec for University

362.90

11+50 5.2

12+00 5.2 357.70

360.17

12+50 3.7 3.5 356.67

13+00 3.8 3.9 356.27
3.5 355.67

13+50 4.7

26+68 360.33 7.6 500m Dr. Cub 2.0 to
27+00 2.6 2.9 con. Box (30") 358.73

27+50 7.3 359.03

27+78.50 1.1

28+00 6.9 359.43
359.03

16

1/2
m/sec

PL

5.2 5.7 5.2 5.0 5.0
29 4.7 6 5 7.0

5.4 5.9 5.3 5.2 5.1 5.7 5.7
24 3.7 3.7 6 5 7.0 7.5

3.4 3.7 3.7
25 7 7.0

4.2 4.5 3.9 2.8 3.6
24 4.6 4.6 7 7.0

5.0 5.5 4.9 4.7 4.6
25 4.6 4.6 7 4.4

7.7 8.0 8.4 7.7 7.6 7.3
35 24 4.1 4.1 5 5

7.2 7.6 7.9 7.3 7.3 7.1
35 24 4.1 4.1 5 5

Buy pipe on line

7.0 7.1 7.5 6.9 6.9 6.8
35 24 4.1 4.1 5 5

28+50

67

29+00

61

26

RE

$\frac{6.8}{35}$ $\frac{6.9}{24}$ $\frac{7.3}{41}$ $\frac{4.7}{41}$ $\frac{6.7}{0}$ $\frac{6.4}{5}$

$\frac{6.2}{35}$ $\frac{6.3}{24}$ $\frac{6.7}{41}$ $\frac{6.1}{41}$ $\frac{6.1}{0}$ $\frac{5.9}{5}$

Profile & Proposed Water Line
Dwight St 41st to 40th

0+00 E/L of 41st
0+14 E curb line
0+66 W curb line
0+80 W/L of 41st

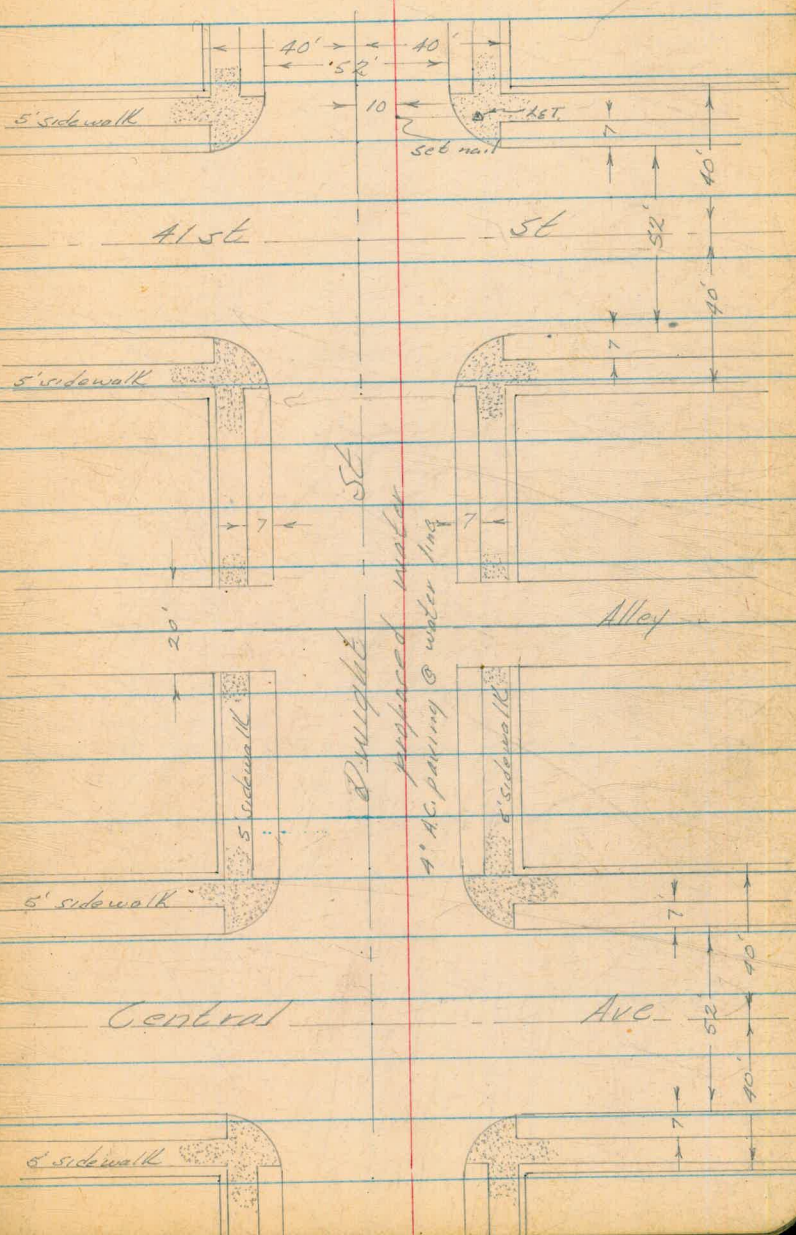
3+79.84 E/L of Central

4+59.85 W/L of Central

Went
Alexander
Holahan

5-26-55

63



Dwight Cont

6+09.09

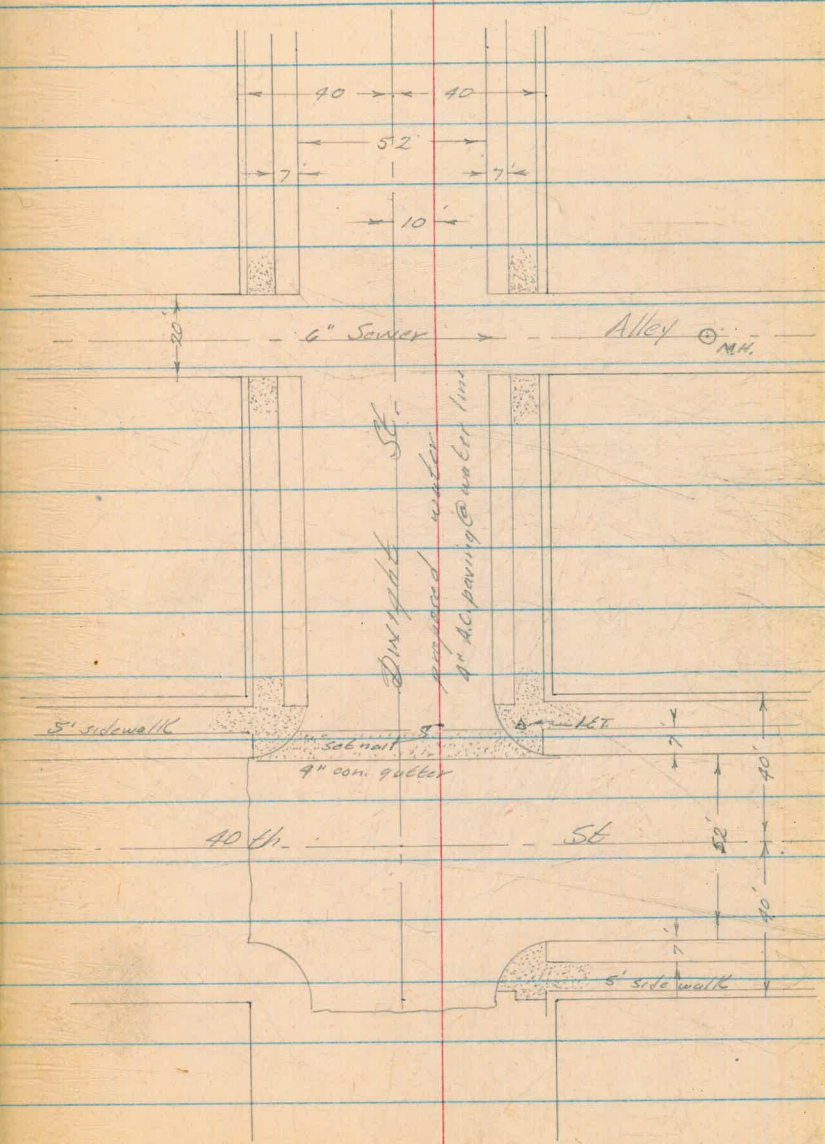
Sewer crossing

7+58.34

W/P of 40th

8+38.34

W/P of P 40th



Dwight Cont.

330.55

NWBP Dwight E 41st

489 335.44

| | | | |
|---------|-----|--------|------------------------------|
| 0+00 | 6.1 | 329.39 | E/H of 41st |
| 0+14 | 6.4 | 329.09 | E curb |
| 0+50 | 5.7 | 329.74 | |
| 0+66 | 5.8 | 329.64 | W curb |
| 1+00 | 5.3 | 330.14 | |
| 1+50 | 5.2 | 330.24 | |
| 2+00 | 5.3 | 330.14 | |
| 2+15 | | | E.H. 17' Ht |
| 2+25 | | | 2 water Gages 3' Ht. E 3' RB |
| 2+33 | 5.3 | | Gas cross |
| 2+50 | 5.3 | 330.14 | |
| 3+00 | 5.4 | 330.04 | |
| 3+50 | 5.6 | 329.84 | |
| 3+93.84 | 6.2 | 329.24 | E curb Central |
| 4+00 | 6.0 | 329.44 | |
| 4+45.84 | 6.0 | 329.44 | W curb Central |

Reduced by J. Gray 6-16-55

| | | | | |
|---------|--------|------|--------|--|
| | 335.44 | | | |
| 4+50 | | 6.0 | 329.44 | |
| 4+61 | | | | Water G.V. on line |
| T.P. | | 5.93 | 329.51 | |
| | 4.10 | | 333.61 | |
| 5+00 | | 4.1 | 329.51 | |
| 5+50 | | 4.3 | 329.31 | |
| 5+97 | | | | F.H. 37' Rt |
| 6+00 | | 4.7 | 328.91 | |
| 6+09.09 | | 4.8 | 328.81 | Sewer cross. N.H. 48' Lt Rim - 2.2' & 8.4' to flow |
| 6+50 | | 4.9 | 328.71 | |
| 7+00 | | 5.3 | 328.31 | |
| 7+50 | | 5.9 | 327.71 | |
| 7+52 | | | | Water gate 1' Lt & F.H. 17' Lt |
| 7+68.6 | | 6.3 | 327.31 | Begin con gutter |
| 7+72.34 | | 6.5 | 327.11 | E curb of 40th |
| 7+76 | | 6.4 | 327.21 | End con gutter |
| 7+85 | | | | Water G.V. 8' Lt |
| 7+86 | | | | " " 1' Rt |

Dwight Cont

333.61

7+89

7+91

7+93

8+00

5.9

327.71

8+24.24

6.3

327.31

8+38.34

5.8

327.81

8+40.34

5.5

328.11

5.98 327.63

Water GN. 19' LE

" " 8' LE

" " 1' RE

We curb 40th

W/1 of 40th

and AC pave.

= 327.53 Sw. TP. Dwight & 40th

2nd 38th to 39th

Stks for 6" AC Main

Group 20

(5) meters but 17th at

at Q pipe
+ 27th at

6-30-55

West
mantle

Varron Lake

68

| | 110 | 39 th | 38 th | 37 th |
|--------------|------|------------------|------------------|------------------|
| 0+40 | | 39.95 | 38.85 | 36.8 |
| +45 BV | | | | 33.1 |
| +50 | | | | 33.0 |
| +75 FH Tee | | | | 32.8 |
| +75 (5) Q FH | | | | 31.9 |
| 1+00 | | | | 36.7 |
| +50 | | | | 31.1 |
| 2+00 | | | | 29.6 |
| +50 | | | | 28.3 |
| +75 MS | | | | 26.9 |
| +90 MN | | | | 31.3 |
| 3+00 | | | | 31.6 |
| +10 MS | 3.26 | 31.51 | 11.70 | 28.25 |
| +15 MS | | | | 30.1 |
| +36 MS | | | | 29.5 |
| +50 | | | | 24.0 |
| +87 MS | | | | 28.7 |
| 4+00 | | | | 22.9 |

BM SW FH 38th + Z 51

C 3 ²

Begin Work

C 3 ⁶

C 3 ⁵

C 3 ⁸

~~C 4 4~~

~~C 4 4~~ to bott FH

F 0 ⁴

C 3 ^E

C 3 ⁴

C 3 ²

C 3 ³

F 3 ⁷ ✓

C 7 ⁴

C 3 ⁴

F 4 ⁸

F 3 ⁸

F 4 ⁵

F 3 ⁵

C 3 ³

F 3 ⁸

F 2 ⁹

C 3 ³

31.51

| | | | | |
|-------------------|------|-------|------|-------------------------------------|
| 4+02MS | 6.4 | 25.1 | 27.8 | F3 $\frac{7}{1}$ → F2 $\frac{2}{1}$ |
| +23MN | 1.1 | 30.4 | 28.1 | C2 $\frac{3}{1}$ |
| +50 | 6.0 | 25.5 | 22.1 | C3 $\frac{4}{1}$ |
| +75MS | 6.9 | 24.6 | 25.8 | F1 $\frac{2}{1}$ |
| 5+00 | 6.1 | 25.4 | 21.8 | C3 $\frac{6}{1}$ |
| +50 | 6.7 | 24.8 | 20.5 | C4 $\frac{3}{1}$ |
| 6+00 | 7.6 | 23.9 | 19.2 | C1 $\frac{7}{1}$ |
| +25 | 8.3 | 23.2 | 18.5 | C4 $\frac{7}{1}$ |
| +40 BV | 9.0 | 22.5 | 17.9 | C4 $\frac{6}{1}$ |
| +12 MN | 10.0 | 21.5 | 22.3 | F0 $\frac{8}{1}$ |
| +50 | 10.5 | 21.0 | 17.5 | C3 $\frac{5}{1}$ |
| 6+45 FH JCC | 9.6 | 21.9 | 17.7 | C4 $\frac{2}{1}$ |
| +45 ② FH | 10.1 | 21.4 | 21.5 | F0 $\frac{1}{1}$ |
| 6+55 | 12.8 | 18.7 | 15.9 | C2 $\frac{8}{1}$ |
| | 11.7 | 20.34 | = | 20.91 |

~~C3~~
C3 to 130 ft of E11

end of work

TBM on poles

2nd 37th to 180 West

Stks for 6" A.C.

Group 20 meters from & Pipe Set 17521 + 22500

| | 413 | 37.78 | | 33.65 | |
|---------|------|-------|------|---------------|------|
| 0+20 | 5.84 | 30.75 | 1289 | 24.89 | 22.4 |
| +50 | | | 5.6 | 25.2 | 20.9 |
| +72 m.s | | | 6.05 | 24.7 | 24.8 |
| +100 | | | 5.5 | 25.3 | 20.4 |
| +37 m.s | | | 6.1 | 24.7 | 23.9 |
| +38 m.N | | | 4.9 | 25.9 | 24.4 |
| +50 | | | 5.5 | 25.3 | 20.0 |
| +80 | | | 6.6 | 24.2 | 19.7 |
| | 2.17 | 32.72 | 0.20 | 30.55 | |
| | | | 4.68 | 33.64 = 33.65 | |

West
near full
Varonfaks

70

4-30-65

BM 97th + Boston SW (51) HT

C 2 ⁵

C 4 ³

F 0 ¹

C 4 ⁹

C 0 ⁸

C 1 ⁵

C 5 ³

C 4 ⁵

end of work

Roosevelt St

Lamont to Crown Pt Dr
Check Depth of existing Man

4.20 24.93 20.73

~~0+0~~

0+04 6.91 18.02

1+14 8.17 16.76

4.20 20.73 = 20.73

20.59

24.93
4.20
20.59

71

28040 Roosevelt
end of existing Ob SE cor Lamont +

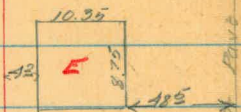
0+00 Fly prop line Lamont St

Top 8" of water

" " " "

Harbor Dr
Sta of Conc Chambers

25+86.00 = 358+76.09 FC
(FD CONC MON LET SO PL Harbor DR.)
21+57.92 = (363+04.22 Hwy STA.)



17+92.32 = (366+69.77 Hwy STA.)

1+91.3 = (379+70.19 Hwy STA.)

3+60.22 = West end of 11.32 x 13.93 Conc Chamber
= (381+01.89 Hwy STA.)

1+99 = West end of 5.50 sq Conc Chamber
(382+68.09 Hwy STA.)

0+00 = 381+62.09 BA Harbor St. State Hwy
(FD CONC MON LET SO PL Harbor DR.)

West
markt
Varionfokus

49.60 72
14.60.32
330.00
17.922R



39.60 19.80 32 21+57.92

6-30-35

57.1 17.492.32



17.45 10.35 5.3 1+91.3



49.6 11.2 2.2 3+60.22



49.45 5.50 12.2 1+99

North edge Harbor Dr
South edge of Base Harbor Dr

60 FC
859+71.89
20 25 86.00

FC Sta 387+80.93
A = 3' 34" 65.
R = 61.00'
L = 317.84 @ length?

| | |
|-----------|-------------------|
| 387+80.93 | 387+80.93 |
| - 3 18.89 | - 3 18.89 |
| 38462.09 | 38462.09 |
| 25.86.00 | 14+62.32 |
| 35876.09 | 376406.03 pot Mon |

Elev of Core Chambers

Harbor Dr

| | | | |
|------------|-----|-------|-------------------|
| 1+94 Box A | 373 | 18.11 | 14.38 |
| SW Cor | 370 | | 14.41 |
| SE Cor | 370 | | 14.41 |
| NE Cor | 375 | | 14.36 |
| | 394 | | <u>14.17</u> Pave |

3+60 Box B

| | | | |
|--------|-----|--|------------|
| NW Cor | 361 | | 14.50 |
| SW Cor | 371 | | 14.40 |
| SE Cor | 369 | | 14.42 |
| NE Cor | 359 | | 14.52 |
| | 365 | | 14.46 Pave |

A+91 Box C

| | | | |
|--------|-----|--|------------|
| NW Cor | 388 | | 14.23 |
| SW Cor | 392 | | 14.19 |
| SE Cor | 369 | | 14.43 |
| NE Cor | 369 | | 14.42 |
| | 396 | | 14.65 Pave |

| | | | |
|------|-------|-----|-------|
| 3.03 | 17.87 | 327 | 14.84 |
|------|-------|-----|-------|

| | | | |
|------|-------|-----|-------|
| 5.51 | 17.09 | 369 | 12.18 |
|------|-------|-----|-------|

17+92 Box D

| | | | |
|--------|-----|--|-------|
| NW Cor | 398 | | 14.21 |
|--------|-----|--|-------|

West
Martell
Varonakis

73

7-1-55

Datum

 311 NW Cor chamber 1+94 11585

edge core pave 14.41

- 49.6 ft edge core pave

47.4 ft edge core pave

7-1-55

17.69

Boyd

SW cor

3.44 14.25

SE cor

3.43 14.26

NE cor

3.48 14.21

4.46 ~~14.23~~ 13.23Hank
Wada
7/55

PAVE

571 ft edge core pave

Box E

17792

NW cor

5.18 12.51

SW cor

5.12 12.57

SE cor

5.14 12.55

NE cor

5.19 12.50

4.41 13.28 PAVE

North edge of North Lane pave

Box F.

21257

NW cor

3.79 13.90

SW cor

3.50 14.19

SE cor

3.50 14.19

NE cor

3.74 13.95

A.70

18.61

3.78

13.91

5.97 12.64 PAVE

39 1/2 ft edge of core pave

513

17.51

6.23

12.38

579

18.58

4.22

13.29

4.20

14.38 = 19.58

LA JOLLA SHOES DR.

6" A.C. MAIN

GRD. STKS

B.M. 1.98 44.97 42.99

7/5/55

SHOREY
ALEXANDER
KELLHOFER
HOLOMANS.W. USGS DISC. CAMINO DEL CALLADO 5
LA JOLLA SHOES

75

| | | | | | | |
|------|----------|--------------|------|-------|-------------------------------|----|
| 0+50 | BEGIN | Work By City | 42.9 | 39.1 | C38 [±] (not marked) | 29 |
| 1+00 | | | 35 | 41.5 | C33 | 34 |
| 1+25 | | | 38 | 41.2 | C35 | 37 |
| 1+50 | | | 42 | 40.8 | C34 | 39 |
| 2+00 | | | 46 | 40.4 | C36 | 44 |
| 2+38 | F.H. TEE | | 93 | 35.7 | C12 | 78 |
| | Ⓢ F.H. | | 43 | 40.7 | C0 ⁰ C12 TO F.H. | |
| 2+50 | | | 90 | 36.0 | C23 | 79 |
| 2+62 | G.V. | | 91 | 35.9 | C22 | 82 |
| 2+67 | 6" TEE | | 93 | 35.7 | C20 | 81 |
| 3+00 | | | 88 | 36.2 | C22 | 81 |
| 3+50 | | | 88 | 36.2 | C28 | 86 |
| 4+00 | | | 87 | 36.3 | C36 | 84 |
| 4+25 | | | 72 | 37.8 | C46 | 70 |
| 4+50 | | | 51 | 39.9 | C39 | 48 |
| 4+75 | | | 49 | 40.1 | C31 | 45 |
| 5+00 | | | 43 | 40.7 | C31 | 42 |
| 5+17 | 11.79 | 52.35 | 34 | 41.56 | | 42 |
| 5+50 | | | 10.2 | 42.2 | C32 | 99 |
| 5+89 | 6" B.C. | | 84 | 44.0 | C34 | 80 |
| 6+00 | | | 83 | 44.1 | C31 | 77 |

LA JOLLA SHORES DE.
6" A.C. MAIN
⑤ 5 STRS

52.35

7/5/55
SHOREY
ALEXANDER
KELLHOFER
HOLAHAN

76

| | | | | | |
|--------------------------------|------|-------|------|--|------|
| 6+25 | 25 | 44.9 | 41.1 | C3 ⁸ | 72 |
| | | | | | X |
| 6+50 | 27 | 44.7 | 41.2 | C3 ⁵ | 75 |
| | | | | | X |
| 6+75 | 29 | 44.5 | 41.2 | C3 ³ | 77 |
| | | | | | X |
| 7+00 | 27 | 44.7 | 41.3 | C3 ⁴ | 74 |
| | | | | | X |
| 7+25 | 24 | 45.0 | 41.8 | C3 ² | 72 |
| | | | | | X |
| 7+50 | 21 | 45.3 | 42.1 | C3 ² | 69 |
| | | | | | X |
| 7+75 | 68 | 45.6 | 42.4 | C3 ² | 69 |
| | | | | | X |
| 7+84 ^{2A} E.C. | 68 | 45.6 | 42.6 | C3 ⁰ | 63 |
| | | | | | X |
| 8+00 | 66 | 45.8 | 42.8 | C3 ⁰ | 59 |
| | | | | | X |
| 8+50 | 45 | 47.9 | 44.7 | C3 ² | 37 |
| | | | | | X |
| 8+75 | 35 | 48.9 | 45.6 | C3 ³ | 31 |
| | | | | | X |
| 8+75 F.H. TEE TP 7.81 56.89 | 35 | 48.9 | 45.6 | C3 ³ | 31 |
| | 5.27 | 49.08 | | | X |
| ⑤ F.H. | 3.8 | 53.1 | 54.0 | F1 ² C7 ⁵ TO ELL | |
| 8+80 6' X 6' TEE | 28 | 49.1 | 45.6 | C3 ⁵ | 70 |
| 8+85 G.V. | 25 | 49.4 | 45.6 | C3 ⁸ | 70 |
| | | | | | X |
| 9+00 | 63 | 50.6 | 45.5 | C5 ^L | 62 |
| | | | | | X |
| 9+06 ± 90° BEND | 61 | 50.8 | 45.5 | C5 ³ | 57 |
| | | | | | X |
| 9+50 | 94 | 47.5 | 43.9 | C3 ⁶ | 32 |
| | | | | | X |
| 9+72 ⁷ 2" B.O. | 10.5 | 46.4 | 42.6 | C3 ⁸ | 10.5 |
| | | | | | X |

LA JOLLA SHORES
(CONT'D)

56.89

8480 GOING EAST TO G.V. 78 49.1 45.6

9410 38 53.1 47.8

9435 END 34 53.5 49.7

6.44 59.31

7.02 52.87

1.01 58.30 = 58.29

WAT. METS.

44.97

1460 W 41 40.9 40.7

52.35

5488 W 10.2 42.2 42.2

7445 W 7.7 44.7 44.7

7/5/55
SHORLEY
ALEXANDER
KELLMOFFER
HOLAHAN

77

C 3⁵

C 5³

C 3⁸ (not marked)

S.W. 6' x 8' CONC. VAULT (SEE PG. 9)

C 0²

8516

C 0²

C 0²

8582

Richmond St
 Myrtle to Cypress Ave
 Stks for 8" AC Group 2)

| | 1.23 | 281.27 | 280.04 |
|---------|------|--------|------------------|
| 0+20 | 22 | 279.1 | 275.4 |
| +50 | 3.0 | 278.3 | 274.6 |
| 1+00 | 4.4 | 276.9 | 273.4 |
| 0+90 NW | 4.0 | 277.3 | 277.6 |
| 1+30 NE | 5.1 | 276.2 | 276.2 |
| 1+50 | 6.6 | 274.7 | 271.1 |
| 2+00 | 9.1 | 272.2 | 268.3 268.8 |
| +50 | 10.3 | 271.0 | 267.0 267.8 |
| +75 | 9.7 | 271.6 | 267.7 268.0 |
| 3+00 | 9.0 | 272.3 | 268.6 |
| +50 | 6.0 | 275.3 | 271.4 |
| +95 | 3.5 | 277.8 | 274.6 |
| 4+00 | 3.4 | 277.9 | |
| +45 | 2.4 | 278.9 | |
| +50 | 0.35 | 279.24 | 238 278.89 275.5 |
| 5+00 | 1.6 | 277.6 | 273.6 |
| +25 | 3.3 | 275.9 | 272.4 |
| +50 | 5.3 | 273.9 | 270.4 |

West
 Williams
 Varonfakis
 Kellhofer

11/7/05

78

SE BP Myrtle + Richmond

Begin Work

C3²
 C3⁵
 F0³
 C0⁰
 C3⁶
 C3⁴ C3⁹
 C3² C4⁰
 C3⁶ C3⁹
 C3⁷
 C3⁹
 C3²
 C3⁴
 C4⁰
 C3⁵
 C3⁵

end of work Reducer
 ↓

Begin Work

279.24

5+56 ME 4.9 274.3 2745

L+00 10.2 269.0 265.7

+25 1.78 268.33 12.69 266.55 2634

+50 4.1 264.2 260

7+00 6.8 261.5 258

+50 7.9 260.4 256

+75 7.8 260.5 257

8+00 7.0 261.3 258

FH Tee + End of World

+30 5.1 263.2 260

QFH

+30 3.6 264.7 263

13.16 281.04 -0.45 267.88

10.76 291.43 0.37 280.67

6.08 297.38 0.13 291.30

3.30 294.08 =

4+28⁵⁸

6+95⁰⁵
14+62³²

21 57 87
4 29 58

25 86 45

60
36
24

0000
5312
46.54

F0²

C3³

C3²

C3⁴

C3⁵

C3⁴ C4⁰

C3¹ C3²

C2⁶ C3³

C2⁸ C3⁶

C1³

34+68³⁵

25 86 45

58 81 90

75 62

3+76 02

12.5
7
132
7.5
139.5
3

53
20
33

384+68.35
25 86 25
410 54 60

294.05

1917 SW BP Robinson + Robinson

31784
31058
628

Please Return to
 City of San Diego Water Dept.
 Room 903 Civic Center

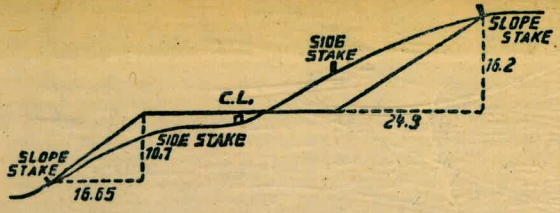
358.92
 0.12
 365.04

3.11
 3.20

19 06.15
 3+82.11
 22+88.23
 22+88.26

5+49.05
 50
 4+99.05

51
 15
 30
 33
 18
 51
 15
 18
 33
 13
 46
 12
 8



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 |

THE NATIONAL BLANK BOOK COMPANY
 HOLYOKE MASSACHUSETTS
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