

1076

1076

HARBOR

LEVEL BOOK

372

KEUFFEL & ESSER CO.
DRAWING MATERIALS
 AND
SURVEYING INSTRUMENTS.
 NEW YORK.

CHICAGO. ST. LOUIS. SAN FRANCISCO. MONTREAL.

Tables for Excavations and Embankments.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
 ROADWAY 18 FEET WIDE. SIDE SLOPES 1 TO 1.
 FOR SINGLE TRACK EXCAVATION.

"Copyright, 1895, by Keuffel & Esser Co."

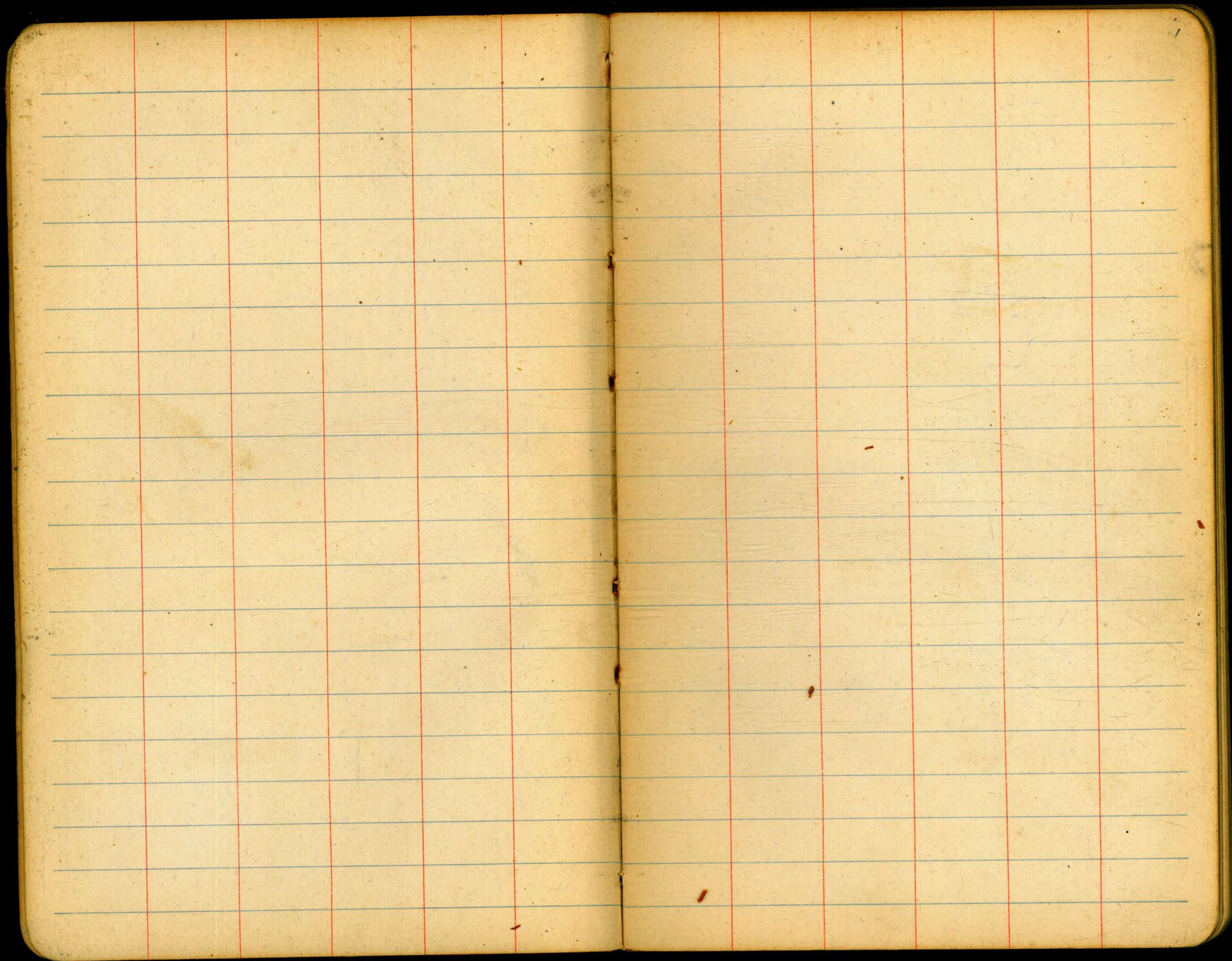
MICROFILMED
 1954
 21 1564

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

Calculated by Julien A. Hall, M. Am. Soc. C. E.

CITY O

50.77
(.98445) $\sqrt{50.0000}$
49 2225
777500
689115
883850



x Sections on proposed Dredger fill
 A to Maple, - California St West.
 See Book 1050 for location of Buildings + Sketches

Gregory
 West
 Miller
 Moore } 6/10/120

| | | | |
|------|---------|-------|---------|
| + | H.I. | - | 46.87 |
| A5 | 47.32 ✓ | 12.73 | 34.59 ✓ |
| 1.77 | 36.36 ✓ | 13.13 | 23.23 ✓ |
| 0.38 | 23.61 ✓ | 8.96 | 14.65 ✓ |
| 3.91 | 18.56 | 4.5 | 14.06 |
| | | 5.9 | 12.7 ✓ |
| | | 1.2 | 17.4 ✓ |
| | | 1.7 | 16.9 ✓ |
| | | 2.9 | 15.7 ✓ |
| | | 1.9 | 16.7 ✓ |
| | | 1.9 | 16.7 ✓ |
| | | 5.7 | 12.9 ✓ |
| | | 4.5 | 14.1 ✓ |

56.326 B.M. Brass plug Cono. Man. N.E. India + Laurel on property flush sidewalk

42.324 B.M. H.W. Cor India + Kalmia RR. gk. Pale Grnd.

44.993 Bm SW. Hawthorn - India Brass Plg. Ref.

42.474 B.M. SW. India + Date " " "

46.87 " SW " Juniper " " "

19.99 " Top Fire Plug Calif - Juniper

WRONG OK = 20.45

14.65 ← B.M. on Railroad Spike E side track E of # 41

W Edge of RR. Berm (Bottom of Ties) 4' W of W Rail. # 41 N

13' E of # 41 = 38' E of WL Calif. St

8' "

3' to A1

12' W of # 42 N (10' offset)

42

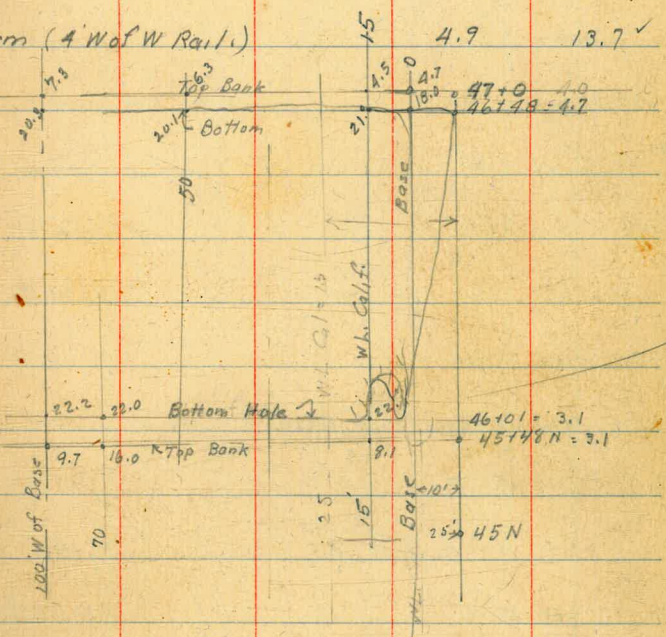
6' E of 42

14' " " "

Wedge Berm = 4' W of Rail

22.65 E of 42 (10' offset) Gauge of W Rail

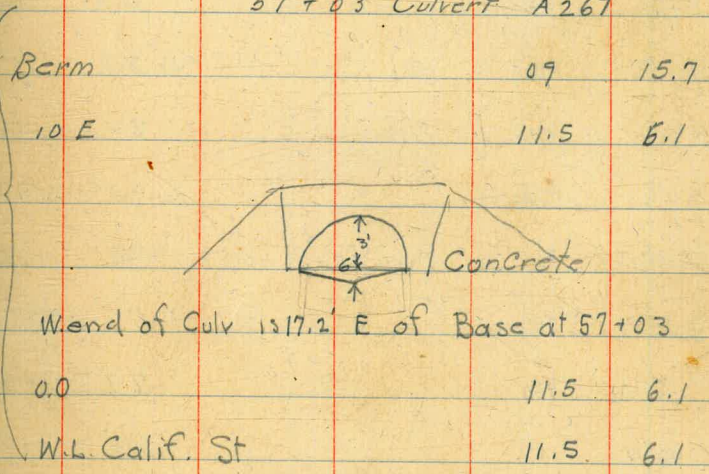
| | H.I | 18.56 | | Elev. | | H.I | |
|---|-----|---------------|--------------------|--------|-------------------------|-------|------------|
| 15' E of 43 | | | 5.2 | 13.4 ✓ | #45 N 25 W | 18.56 | 7.3 11.3 |
| 12 " " | | | 2.0 | 16.6 ✓ | " 15 W | | 2.6 16.0 |
| " 43 | | | 2.2 | 16.4 ✓ | " 0 " | | 2.2 16.4 ✓ |
| 22' N of 43 | | | 13' Below 43 = 3.4 | | " Berm (4' W of W Rail) | | 4.9 13.7 ✓ |
| 22' N + 13' W of 43 | | | 13' " " = 3.4 ✓ | | | | |
| 22' N + 18' W | | | 7.8 | 10.8 ✓ | | | |
| 22' N - 4' W of Rail | | | 4.9 | 13.7 ✓ | | | |
| 37' N " " " | | | 4.8 | 13.8 ✓ | | | |
| 37' N on line | | | 2.3 | 16.3 ✓ | | | |
| 30' W of 43 + 22 | | | 7.8 | 10.8 ✓ | | | |
| 43 + 37' N. 30' W | | 6' lower than | 9.7 | 2.9 ✓ | | | |
| " 40' W | | | 9.7 | 8.9 ✓ | | | |
| 44' N - 4' W of W Rail | | | 4.8 | 13.8 ✓ | | | |
| 44' N on line | | offset line | 2.4 | 16.2 ✓ | | | |
| 44' N - 22' W | | | 7.3 | 11.3 ✓ | 45 N Berm | | 4.8 13.8 |
| 44' N - 60' W Same elev. NW Cor Hyatt Brick Co. | | | 8.1 | 10.5 ✓ | 46 + 48 N " | | 4.4 14.2 |
| " - 110 W | | | 9.2 | 9.4 ✓ | 46 + 48 N | | 4.7 13.9 |
| 45' N " W | | | 9.3 | 9.3 ✓ | 48 N 1 Berm | | 4.2 14.4 |
| " 60' offset line | | | 8.9 | 9.9 ✓ | 48 N Base | | 5.5 13.1 ✓ |



| Sta. | T | H1 | - | EL. | | 34 50 | 14.85 | 47 10.8 | 3 |
|---------------------------------------|------|---------|------|----------------------|-------------------------------|----------|-------|------------|---|
| TP BM SW Laurel Spin Pok | | 18.56 | 5.39 | <u>BM</u> 13.17 ✓ | | | | | |
| | 1.68 | 14.85 ✓ | | | #51 Base | | 9.6 | 5.3 | |
| True Base 48 N 50 W | | | 3.0 | 11.9 | " +50' W | | 8.7 | 6.2 | |
| 100 " | | | 3.8 | 11.1 | " 75 " | | 6.2 | 8.7 | |
| 49 N 100 W Berm | | | 1.0 | 13.9 | " 100' W Top Bank (old Shore) | | 7.3 | 7.6 | |
| # 49 N 100 | | | 6.3 | 8.6 | #51 + 25-100 W Top | | 8.3 | 6.6 | |
| * 49 N 5' W | | | 2.5 | 12.4 | *51 + 27 - " Bottom | | 12.8 | 2.1 | |
| " 50 " | | | 4.2 | 10.7 | 51 + 25 60 W Top | | 5.7 | 9.2 | |
| * 50 N 100' W | | | 5.1 | 9.8 | +27 " W | | 10.7 | 4.2 | |
| * 50' N 110 W = Edge (old Shore) Bank | | | 5.0 | 9.9 | +23 50 " | | 10.4 | 4.5 | |
| " 116 W Bottom " " | | | 12.8 | 2.1 | 51 + 25 - 00 | | 10.4 | 4.5 | |
| " 150' W on Tide land fill | | | 16.4 | -1.5 | *52 N RR. Berm | | 0.2 | 14.7 | |
| " 50' W | | | 5.0 | 9.9 | " " Base 18' E | | 8.3 | 6.6 | |
| " 0 | | | 3.7 | 11.2 | " " Base | | 10.6 | 4.3 | |
| " 10' E | | | 8.0 | 6.9 | " " 50' W | | 11.6 | 13.3 | |
| " Berm | | | 0.9 | 14.0 ✓ | " " 100 " | | 13.4 | 1.5 | |
| * 51 N | | | 0.7 | 14.2 | #53 N 100' W | | 15.7 | -0.8 | |
| " 19' E | | | 7.6 | 7.3 ✓ | " 70' W | | 11.0 | 3.9 | |
| | | | | | " 50' W | | 12.2 | 2.7 | |

| | 14.85 | | | | 17.61 10.7 | | 4 |
|---------------------|-------|----------|-------|-------------|---------------|------------------------------------|----------|
| Sta 53 N Base | | | 10.6 | 4.3 | Berm | | 1.3 16.3 |
| " " 15' E | | | 8.5 | 6.4 | 10 E | | 11.2 6.4 |
| " " RR Berm | | | + 0.2 | 15.1 | 0 | | 12.4 5.2 |
| T.P. | 4.44 | 17.61 ✓ | | BM 13.17 | 10' W | | 12.3 5.3 |
| " 54 Berm | | | 2.1 | 15.5 | 20 " | | 10.4 7.2 |
| " + 10' E | | | 11.4 | 6.2 | NE Cor house | | 10.3 7.3 |
| " 54 Base | | | 13.1 | 4.5 ✓ | 50 W | | 10.6 7.0 |
| " 8' W | | | 12.9 | 4.7 | | | |
| " 15' " | | | 9.0 | 7.6 | | | |
| " 60' W | | | 10.9 | 6.7 | | | |
| " 100' W | | | 15.9 | 1.7 | | | |
| | | Sta 55 N | | | | | |
| 100 W | | 17.61 | 14.3 | 3.3 | | | |
| 50 " Between Houses | | | 10.7 | 6.9 | | | |
| 20' " | | | 10.1 | 7.5 | | | |
| 10' " | | | 12.6 | 5.0 | | | |
| 0 " | | | 12.7 | 4.9 | Sta 48 N | 136' W = Top Bank (old shore line) | |
| 10' E | | | 11.9 | 5.7 | " " | 145' " Bottom " " " " | |
| Berm | | | 1.6 | 16.0 | | | |

SF
57 + 03 Culvert A 267



Wend of Culv is 17.2' E of Base at 57+03

0.0

W.L. Calif. St

✓

| | + | HI | - | | | | | |
|------------|-------|-----------------------|-------|--------|---------------|-----------|------|----------|
| | | | | BM | 55 N - 300 W | | 5.11 | 8.1 -3.0 |
| | 1.02 | 14.19 ✓ | | 73.17 | 54 " 300 " | | | 7.7 -2.6 |
| { Sta 48 N | 136 W | Top Bank | 3.6 | 10.6 | 54 " 350 " | | | 7.7 -2.6 |
| 49 N | 138 W | " " | 4.1 | 10.1 | 55 " 350 | | | 8.0 -2.9 |
| T.P. | 3.45 | 5.11 ✓ | 12.53 | 1.66 ✓ | 55 + ? 350 | Bulkhead | | 8.3 -3.2 |
| | | | | | 55 + ? 400 | " | | 8.7 -3.6 |
| Sta 54 N | 115 W | Plank Bulkhead | 4.1 | 1.0 | 55 N " | | | 8.1 -3.0 |
| " | 117 " | Bottom " on Tide land | 6.0 | -0.9 | 54 N " | | | 7.9 -2.8 |
| " | 150 W | | 7.3 | -2.2 | 54 N 412 | | | 7.9 -2.8 |
| Sta 55 N | 118 W | Top | 3.7 | 1.4 | " 418 W | | | 6.4 -1.3 |
| " | 120 W | Bottom | 5.8 | -0.7 | " 450 | | | 6.5 -1.4 |
| " | 150 " | | 6.4 | -1.3 | 54 + 40 N " " | | | 6.9 -1.8 |
| 55 + 29 N | " " | Temp BH. SL. Mark | 7.8 | -2.7 | 55 450 | | | 6.9 -1.8 |
| 55 + 25 " | 100 " | " | 7.7 | -2.6 | " + 29 N " | Bulk head | | 8.9 -3.8 |
| 55 N | 100 " | | 7.7 | -2.6 | 55 + ? 500 | " | | 9.0 -3.9 |
| 54 N | " | | 7.7 | -2.6 | 55 N 500 | | | 8.7 -3.6 |
| 54 | 250 | | 8.1 | -3.0 | 54 + 35 " | | | 9.2 -2.1 |
| 55 | 250 | | 8.2 | -3.1 ✓ | 54 " | | | 6.1 -1.0 |
| 55 + 29 N | " | Bulkhead | 8.9 | -3.8 | 54 N 525 | | | 9.9 -2.8 |
| 55 + | 300 W | " | 8.0 | -2.9 | " 550 | | | 6.0 -0.9 |

H.1
5.11 - Elev

| St | 54 + 30 N | 550 W | | | | #55 + ? N 800' W | Bulkhead | 8.7 | -3.6 |
|----|-----------|-------|-----|----------------------|--|------------------|---------------------|------|------|
| | 55 | " | | | | 55 + 20 N | " | 5.2 | -0.1 |
| | " | + | " | NL Maple Bulkhead | | 55 N | " | 5.4 | -0.3 |
| | " | + | 600 | " | | 54 N | " | 4.6 | +0.5 |
| | 55 + 60 | " | | | | 54 N | 835' | 4.5 | +0.6 |
| | 54 + 00 | " | | | | 55 " | " | 5.1 | 0.0 |
| | " | 650 | | | | 55 + 20 | " | 6.2 | -1.1 |
| | 55 | " | | | | 55 + ? | Bulkhead | 7.9 | -2.8 |
| | 55 + 20 | " | | | | 55 + | 850 | 6.3 | -1.2 |
| | " | + | " | (NL Maple)? Bulkhead | | 55 | " | 7.3 | -2.2 |
| | 55 + ? | 700 | | " | | 54 | " | 4.4 | +0.7 |
| | 55 + 20 | " | | | | 54 N | 870' W Foot of Bank | 7.8 | -2.7 |
| | 55 | " | | | | " | 898' Bulkhead | 10.7 | -5.6 |
| | 54 | " | | | | Cor Bulkheads | Maple | 11.0 | -5.9 |
| | 54 | 750 | | | | #53 N | Bulkhead | 10.9 | -5.8 |
| | 55 | " | | | | #52 N | " | 10.4 | -5.3 |
| | 55 + 20 | " | | | | 51 N | " | 9.9 | -4.8 |
| | 55 + 29 | | | Bulkhead. | | ? | | 8.7 | +3.6 |

| Sta N. | W | + | HI | - | Elev | Sta N | W | Elev |
|--------|-------|----------|------|-----|------|-------|-----|----------|
| # 51 N | 885 W | Bot Bank | 5.11 | 7.7 | -2.6 | 53 | 600 | 6.0 -0.9 |
| 51 | 875 " | Top " | | 2.7 | +2.4 | 52 | " | 5.2 -0.1 |
| " | 850 " | | | 1.7 | +3.4 | 51 | " | 5.1 0.0 |
| 52 | 850 | | | 2.6 | 2.5 | 51 | 550 | 5.9 -0.8 |
| 52 N | 873 | Top | | 3.8 | 1.3 | 52 | " | 6.3 -1.2 |
| " | 882 | Bot | | 7.0 | -1.9 | 53 | " | 6.1 -1.0 |
| 53 | 850 | | | 3.8 | 1.3 | 53 | 525 | 7.0 -1.9 |
| 53 | 800 | | | 4.1 | 1.0 | 52 | " | 5.6 -0.5 |
| 52 | " | | | 3.1 | 2.0 | 51 | 500 | 5.4 -0.3 |
| 51 | " | | | 2.4 | 2.7 | 52 | " | 5.6 -0.5 |
| 51 | 750 | | | 3.3 | 1.8 | 53 | " | 5.8 -0.7 |
| 52 | 750 | | | 3.8 | 1.3 | 53 | 450 | 5.8 -0.7 |
| 53 | 750 | | | 4.3 | 0.8 | 52 | " | 5.4 -0.3 |
| 53 | 700 | | | 4.6 | 0.5 | 51 | " | 5.1 -0.0 |
| 52 | " | | | 4.3 | 0.8 | 51 | 400 | 5.2 -0.1 |
| 51 | " | | | 4.0 | 1.1 | 51 | 375 | 5.3 -0.2 |
| 51 | 650 | | | 4.5 | 0.6 | 51 | 385 | 6.9 -1.8 |
| 52 | " | | | 4.9 | 0.2 | 52 | 400 | 5.4 -0.3 |
| 53 | " | | | 6.1 | -1.0 | 52 | 385 | 5.2 -0.1 |

| Sta N | 'W | H1 | - | Elev | Sta N | 'W | - | H1 | - | Elev |
|-------|-----|------|-----|------|---------|---------------|------|-----|------|------|
| 52 | 378 | 5.11 | 7.2 | -2.2 | 50 | 150 | 5.11 | 6.6 | -1.5 | 8 |
| 53 | 400 | | 5.5 | -0.4 | 49 | " | | 6.3 | -1.2 | |
| " | 385 | | 7.6 | -2.5 | 48 | " | | 5.9 | -0.8 | |
| 53 | 350 | | 7.6 | -2.5 | " | 145 Bat. Bank | | 5.9 | -0.8 | |
| 52 | " | | 7.3 | -2.2 | 48 | 200 | | 6.5 | -1.4 | |
| 51 | " | | 6.9 | -1.8 | 49 | " | | 6.5 | -1.4 | |
| 51 | 300 | | 6.8 | -1.7 | 50 | " | | 6.8 | -1.7 | |
| 52 | " | | 7.0 | -1.9 | 50 | 250 | | 6.6 | -1.5 | |
| 53 | " | | 7.5 | -2.4 | 49 | " | | 6.2 | -1.1 | |
| 53 | 250 | | 7.7 | -2.6 | 48 | " | | 5.9 | -0.8 | |
| 52 | " | | 7.5 | -2.4 | 48 | 300 | | 6.1 | -1.0 | |
| 51 | " | | 7.5 | -2.4 | 49 | " | | 6.3 | -1.2 | |
| 51 | 200 | | 7.1 | -2.0 | 50 | " | | 6.5 | -1.4 | |
| 52 | " | | 7.4 | -2.3 | 50 | 350 | | 6.6 | -1.5 | |
| 53 | " | | 7.4 | -2.3 | 49 | " | | 6.0 | -0.9 | |
| 53 | 150 | | 7.3 | -2.2 | 48 | " | | 5.9 | -0.8 | |
| 52 | " | | 7.2 | -2.1 | 48 | 400 | | 5.8 | -0.7 | |
| 51 | " | | 6.9 | -1.8 | 49 | " | | 6.1 | -1.0 | |
| | | | | | 49 + 35 | " | | 6.3 | -1.2 | |

✓

| Sta N | W | H1 | - | | Sta N | W | H1 | - | |
|-------|-----|------|-----|-------|-------|-----|----|-----|-----|
| 50 | 400 | 5.11 | 4.8 | + 0.3 | 49 | 600 | | 4.4 | 0.7 |
| 50 | 375 | | 5.0 | 0.1 | 48 | " | | 4.0 | 1.1 |
| " | 370 | | 6.3 | -1.2 | 48 | 650 | | 3.8 | 1.3 |
| 50 | 430 | | 5.1 | 0.0 | 49 | " | | 4.0 | 1.1 |
| 49+25 | " | | 4.9 | 0.2 | 50 | " | | 4.3 | 0.8 |
| 49+15 | " | | 6.1 | -1.0 | 50 | 700 | | 3.5 | 1.6 |
| 49 | " | | 6.2 | -1.1 | 49 | " | | 3.3 | 1.8 |
| 48 | " | | 5.9 | -0.8 | 48 | " | | 3.0 | 2.1 |
| 48 | 450 | | 4.9 | 0.2 | 48 | 750 | | 1.2 | 3.9 |
| 49 | " | | 4.8 | 0.3 | 49 | " | | 2.2 | 2.9 |
| 50 | " | | 5.0 | 0.1 | 50 | " | | 2.6 | 2.5 |
| 50 | 500 | | 4.8 | 0.3 | 50 | 800 | | 0.9 | 4.2 |
| 49 | " | | 4.7 | 0.4 | 49 | " | | 1.3 | 3.8 |
| 48 | " | | 4.6 | 0.5 | 48 | " | | 1.2 | 3.9 |
| 48 | 550 | | 4.4 | 0.7 | 48 | 835 | | 0.7 | 4.4 |
| 49 | " | | 4.6 | 0.5 | 49 | " | | 0.5 | 4.6 |
| 50 | " | | 5.0 | 0.1 | 50 | " | | 1.0 | 4.1 |
| 50 | 600 | | 4.7 | 0.4 | 50 | 850 | | 2.5 | 2.6 |
| | | | | | 49 | " | | 2.8 | 2.3 |
| | | | | | 48 | " | | 2.5 | 2.6 |

| Sta. N | W | H.I | | |
|--------|-----------------------|------|------|------|
| 48 | 860 | 5.11 | 7.8 | -2.7 |
| 49 | " | | 7.1 | -2.0 |
| 50 | " | | 7.5 | -2.4 |
| 50 | Bulkhead | | 10.0 | -4.9 |
| 49 | " | | 10.3 | -5.2 |
| 48 | " | | 10.4 | -5.3 |
| | BM Top Fire Plug | 1.54 | 3.57 | |
| | Belt St. + Laurel St. | | | |

Gregory Shaw }
 Moore Miller } 6/11/20
 West

10

| Sta. N | W | H.I | | |
|--------|--|------|-------|-------|
| | BM Spk in tie opp #41 | | | 14.65 |
| | | 1.95 | 16.60 | 1.95 |
| | 40+25 Berm 4' W of W rail | | 2.6 | 14.0 |
| | " 20E (True Base) | | 5.1 | 11.5 |
| | " 00 ↓ | | 4.6 | 12.0 |
| | " 10'W | | 6.8 | 9.8 ✓ |
| | 41 10W | | 6.8 | 9.8 ✓ |
| | " 50 W | | 6.8 | 9.8 |
| | " 100 100' | | 7.5 | 9.1 |
| | 42 100 | | 7.6 | 9.0 |
| | " 50 | | 6.9 | 7.7 |
| | " 10 | | 6.5 | 10.1 |
| | 43 00 | | 5.3 | 11.3 |
| | " 50 W ^{some} oil tank Platform | | 6.8 | 9.8 |
| | " 100 W | | 7.5 | 9.1 |
| | 40 Berm | | 2.1 | 14.5 |
| | " 10'E | | 9.4 | 7.2 |
| | " 00 | | 6.8 | 9.9 |

| Sta N | | 16.60 | | |
|---|------------------------|-------|------|------|
| 40 | 50 W | | 6.9 | 9.7 |
| " | 100 | | 7.7 | 8.9 |
| Santa Fe Culvert B 267 under Mud NG } Must have drain to Bay W end is 13' E of 39+5 | | | | |
| 39 | 100 W | | 8.0 | 8.6 |
| " | 50 W | | 8.1 | 8.5 |
| " | 00 W | | 9.0 | 7.6 |
| " | 15 E | | 8.7 | 7.9 |
| " | Berm (4' W of W rail.) | | 2.4 | 14.2 |
| 38 | " | | 2.7 | 13.9 |
| " | 15 E | | 9.9 | 6.7 |
| " | 00 | | 10.0 | 6.6 |
| " | 50 W | | 9.5 | 7.1 |
| " | 100 W | | 10.1 | 6.5 |
| 37 | 100 W | | 10.4 | 6.2 |
| " | 50 " | | 7.8 | 8.8 |
| " | 00 | | 5.6 | 11.0 |
| " | 20 E | | 5.5 | 11.1 |
| " | Berm | | 2.2 | 14.4 |

| Sta N | | H.I. | - | Elev. |
|-------|----------------|------|------|-------|
| 36 | Berm | 16.6 | 2.2 | 14.4 |
| " | 22 E | | 5.5 | 11.1 |
| " | 00 | | 6.8 | 9.9 |
| " | 50 W | | 8.1 | 8.5 |
| " | 100 W | | 10.8 | 5.8 |
| 35 | 100 W | | 10.7 | 5.9 |
| " | 50 | | 7.6 | 9.0 |
| " | in front House | | 6.0 | 10.6 |
| " | 00 | | 5.5 | 11.1 |
| " | 10 E | | 5.2 | 11.4 |
| " | Berm | | 1.9 | 14.7 |
| 34 | " | | 1.4 | 15.2 |
| " | Base 00 | | 3.0 | 13.6 |
| " | 150 W | | 10.8 | 5.8 |
| 35 | " | | 12.1 | 4.5 |
| 36 | " | | 12.2 | 4.4 |
| 37 | " | | 11.2 | 5.4 |
| 38 ? | " | | 11.7 | 4.9 |

in front House
Elev in Book 1050
on Sketch.

| Sta ⁿ N. | | 16.6 | | Sta ⁿ N | W | | | |
|---------------------|-------|----------------|------|-----------------------------|-------|-----|--------------|----------|
| 38 | 150W | | 11.0 | 5.6 | 43 | 200 | 16.6 | 8.8 7.8 |
| 39 | " | | 11.1 | 5.5 | 43+25 | 225 | | 8.8 7.8 |
| 40 | " | | 7.8 | 8.8 | 42 | 200 | | 8.6 8.0 |
| 41 | " | | 7.4 | 9.2 | 42 | 225 | Top Bank | 9.0 7.6 |
| 42 | " | | 7.1 | 9.5 | 41 | 200 | | 8.1 8.5 |
| 43 | " | | 8.4 | 8.2 | 41 | 225 | | 9.0 7.6 |
| 44 | " | | 7.0 | 9.6 | 40 | 200 | | 8.8 7.8 |
| 45 | " | | 8.9 | 7.7 | 40 | 225 | | 9.9 6.7 |
| 46 | " | | 14.5 | 2.1 | 39 | 200 | | 10.9 5.7 |
| " | 160W | 5' Higher than | | 7.1 | 39 | 220 | | 11.3 5.3 |
| 46+35 | 150 " | | 7.0 | 9.6 | 38 | 200 | | 12.1 4.5 |
| 47 | " | ← | 7.0 | 9.6 ^{old} (9.6) | 38 | 225 | Bottom Ditch | 15.0 1.6 |
| 47 | 140 " | | 6.4 | 10.2 | 37 | 200 | | 12.6 4.0 |
| " | 200 " | | 17.8 | -1.2 | 37 | 225 | Bottom Ditch | 15.1 1.5 |
| 46 | " | | 17.8 | -1.2 | 36 | 200 | | 13.3 3.3 |
| 45 | " | | 17.0 | -0.4 | 36 | 225 | Bottom Ditch | 15.4 1.2 |
| 44 | " | | 17.0 | -0.4 | 35 | 200 | | 12.3 4.3 |
| 43+25 | " | | 17.0 | -0.4 | 35 | 225 | | 14.4 2.2 |
| | | | | | 34 | 200 | | 12.0 4.6 |

| B.M. ^{Top} Hydrant Atlantic Juniper | | H.I. | (8.95) | B.M. 7.65 | Sta. # | H.I. | Elev. | |
|--|-----------|-------|--------|-----------|--------|-------|-------|-----------|
| | | 16.60 | | | 33 | 150 W | 16.53 | 5.3 |
| Sta. No. | 8.88 | 16.53 | | | | | | |
| # 34 | 100 W | | 8.4 | 8.1 | 33+10 | " | 13.5 | 3.0 |
| " | 50 " | | 5.2 | 11.3 | 33+25 | " | 10.8 | 5.7 ✓ |
| 33+20 | Berm (RR) | | 1.4 | 15.1 | | | + | |
| | | | | | | | 2.88 | 10.53 |
| 33+10 | " | | 1.4 | 15.1 | 34 | 250 W | | 7.65 B.M. |
| 33+00 | " | | 1.4 | 15.13 | 35 | " | 5.8 | 4.7 |
| 33 | 20'E | | 2.5 | 14.0 ✓ | 36 | " | 6.2 | 4.3 |
| 33+10 | 20'E | | 6.7 | 9.8 ✓ | 37 | " | 6.5 | 4.0 |
| 33+20 | 20'E | | 1.4 | 15.1 ✓ | 38 | " | 9.3 | 1.2 |
| 33+20 | 0.0 | | 2.1 | 14.4 ✓ | 39 | " | 9.0 | 1.5 |
| 33+10 | 0.0 | | 6.8 | 9.7 ✓ | 40 | " | 9.5 | 1.0 |
| 33+00 | 00 | | 2.1 | 14.4 ✓ | 41 | " | 9.3 | 1.2 |
| 33 | 50' W | | 5.7 | 10.8 ✓ | 42 | " | 9.4 | 1.1 |
| 33+10 | " | | 7.1 | 9.4 ✓ | 43 | " | 10.3 | 0.2 |
| 33+20 | " | | 5.1 | 11.4 ✓ | 44 | " | 10.4 | 0.1 |
| 33+20 | 100' W | | 8.0 | 8.5 ✓ | 45 | " | 10.7 | -0.2 |
| 33+10 | " | | 11.7 | 4.8 ✓ | 46 | " | 10.2 | 0.3 |
| 33 | " | | 8.3 | 8.2 | 47 | " | 10.6 | -0.1 |
| | | | | | 47 | 300 | 11.1 | -0.6 |
| | | | | | | | 10.7 | -0.2 |

| Sta. N | W | 10.53 | | Sta N | W | + | H/ | - | Elev |
|---------|------|-------|------|-------|----|-----|-------|------|------|
| 46 | 300 | | 10.0 | 0.5 | 36 | 300 | 10.53 | 5.8 | 4.7 |
| 45 | " | | 10.4 | 0.1 | 35 | " | | 5.8 | 4.7 |
| 44 | " | | 10.2 | 0.3 | 34 | " | | 5.3 | 5.2 |
| 43 +10 | " | | 8.9 | 2.1 | 34 | 350 | | 4.4 | 6.1 |
| 43 | " | | 11.0 | -0.5 | 35 | " | | 5.3 | 5.2 |
| 42 | " | | 10.1 | 0.4 | 36 | " | | 5.6 | 4.9 |
| 42 | 320 | | 10.6 | -0.1 | 37 | " | | 5.2 | 5.3 |
| 42 | 327 | | 11.7 | 2.8 | 38 | " | | 6.0 | 4.5 |
| 41 | 300 | | 10.0 | 0.53 | 39 | " | | 6.0 | 4.5 |
| 41 | 320 | | 10.3 | 0.2 | 40 | " | | 6.8 | 3.7 |
| 41 | 3.27 | | 7.3 | 3.2 | 41 | " | | 7.2 | 3.3 |
| 40 | 300 | | 9.9 | 0.6 | 42 | " | | 7.5 | 3.0 |
| 40 | 313 | | 9.8 | 0.7 | 43 | " | | 9.3 | 1.2 |
| 40 | 318 | | 7.0 | 3.5 | 44 | " | | 9.4 | 1.1 |
| 39 | 300 | | 9.6 | 0.9 | 45 | " | | 9.8 | 0.7 |
| 39 | 303 | | 6.5 | 4.0 | 46 | " | | 10.3 | 0.2 |
| 38 + 38 | 300 | | 6.4 | 4.1 | 47 | " | | 10.5 | 0.0 |
| 38 | " | | 6.2 | 4.3 | 47 | 400 | | 10.7 | -0.2 |
| 37 | " | | 5.8 | 4.7 | 46 | " | | 10.2 | 0.3 |

| Sta N | W | 10.53 | | Sta N | W | 10.53 | |
|-------|---|-------|------|--|-----|-------|------|
| 45 | 400 | 9.5 | 1.0 | 40 | 450 | 6.0 | 4.5 |
| 44 | " | 9.3 | 1.2 | 41 | " | 6.4 | 4.1 |
| 43 | " | 8.0 | 2.5 | Top Manhole ^(Nelson) N. Ivy + Belt | | 4.30 | 6.2 |
| 42 | " | 7.1 | 3.4 | 42 | 450 | 7.5 | 3.0 |
| 41 | " | 6.8 | 3.7 | 43 | 450 | 8.4 | 2.1 |
| 40 | " | 6.4 | 4.1 | 44 | " | 9.0 | 1.5 |
| 39 | " | 6.4 | 4.1 | 45 | " | 9.1 | 1.4 |
| 38 | " | 6.6 | 3.9 | 46 | " | 9.1 | 1.4 |
| 37 | " | 5.5 | 5.0 | 47 | " | 9.5 | 1.0 |
| 36 | " | 5.2 | 5.3 | BM ^{Fire Plug} Laurel + Belt | | 6.90 | 3.63 |
| | Floor Satio Rest | 3.8 | 6.7 | 47 | 500 | 9.3 | 1.2 |
| 34 | 450 | 4.4 | 6.1 | 46 | " | 8.8 | 1.7 |
| | BM ^{Fire Plug} NE Cor Belt + Juniper | 2.05 | 8.43 | 45 | " | 8.2 | 2.3 |
| 34 | 450 | 4.0 | 6.5 | 44 | " | 6.4 | 4.1 |
| 35 | " | 4.6 | 5.9 | 43 | " | 6.0 | 4.5 |
| 36 | " | 5.6 | 4.9 | 42 | " | 5.3 | 5.2 |
| 37 | " | 5.8 | 4.7 | Floor ^N Main Bldg ^{N 207} Arrow Pkg Co | | 3.97 | 6.56 |
| 38 | " | 5.8 | 4.7 | 41 | | 4.8 | 5.7 |
| 39 | " | 5.5 | 5.0 | 40 | | 5.0 | 5.5 |

10.53

| | | | | | | |
|----|---------------------------|------|------|-------------------------|-------------------------------------|---------|
| | floor Office Arrow Pkg Co | 4.07 | 6.46 | Fire Plug Bolt + Laurel | B.M. | 3.63 |
| 39 | 500 | 4.20 | 6.3 | | H.I. 8.91 ✓ | |
| 38 | " | 4.2 | 6.3 | Sta N | W | |
| 37 | " | 3.8 | 6.7 | 47 | 550 | 7.5 1.4 |
| | floor Steele Pkg Co | 3.00 | 7.5 | 46 | " | 7.1 1.8 |
| 36 | 500 | 4.0 | 6.5 | 45 | " | 6.9 2.0 |
| 35 | " | 3.6 | 6.9 | 44+25 | " | 5.9 3.0 |
| 34 | " | 3.7 | 6.8 | 44+19 | " | 3.7 5.2 |
| | | | | 44+2.5 | N" Side Arrow Pkg Co Bldg on ground | 3.6 6.3 |
| | | | | 44 N | 600' | 3.3 6.6 |
| | | | | 44+9 | " | 3.3 6.6 |
| | | | | 721 | " | 6.8 3.1 |
| | | | | 450 | " | 7.2 1.7 |
| | | | | 46 | " | 7.0 1.9 |
| | | | | 47 | " | 7.4 1.5 |
| | | | | 47 | 650 | 7.2 1.7 |
| | | | | 46 | " | 7.2 1.7 |
| | | | | 45 | " | 7.3 1.6 |
| | | | | 44+15 | | 6.2 2.7 |
| | | | | +07 | " | 2.6 2.3 |

| Sta# | N | W | 8.91 | | Sta# | N | W | X1 | - | Elev |
|--------|--------|--------------------|------|-----|------|---------|---------------------------|------|------|------|
| 44+1.5 | N Side | Arrow Boiler House | 2.4 | 6.5 | 47 | | 830 | 8.91 | 4.3 | 4.6 |
| # 44 | " | 700 W | 2.5 | 6.4 | 46 | | " | | 4.2 | 4.7 |
| +6 | " | | 2.7 | 6.2 | 45 | | 825 | | 3.9 | 5.0 |
| +15 | " | | 6.8 | 2.1 | 44 | | " | | 3.8 | 5.1 |
| 45 | " | | 6.5 | 2.4 | 43 | | " | | 3.4 | 5.4 |
| 46 | " | | 7.1 | 1.8 | 42 | 8+35 | Arrow Pkg Co Pier Deck | | 2.40 | 6.51 |
| 47 | " | | 6.7 | 2.2 | 42 | | 8+50W 10' Below Pier Deck | | | 4.5 |
| 47 | 750 | | 5.7 | 3.2 | 42 | | 8+50W 10' Below Pier Deck | | | -3.5 |
| 47 | " | | 5.7 | 3.2 | 43 | 8+50' W | 11.3 " " " | | | -4.8 |
| 46 | " | | 5.9 | 3.0 | 44 | | 850 | | 5.2 | 3.7 |
| 45 | " | | 6.4 | 2.5 | " | | 860' | | 12.5 | -3.6 |
| 44+08 | " | | 5.2 | 3.7 | 45 | | 850 | | 5.2 | 3.7 |
| 44+00 | " | | 2.6 | 6.3 | " | | 853 | | 10.5 | -1.6 |
| 43 | " | | 2.3 | 6.6 | 46- | | 842 | | 5.3 | 3.6 |
| 42 | 800 | | 3.8 | 5.1 | " | | 850 | | 11.5 | -2.6 |
| 43 | " | | 3.7 | 5.2 | 47 | | 845 | | 6.2 | 2.7 |
| 44 | " | | 4.4 | 4.5 | " | | 850 | | 11.0 | -2.1 |
| 45 | " | | 4.8 | 4.1 | 47 | | Bullheads | | 14.1 | -5.2 |
| 46 | " | | 5.2 | 3.7 | 46 | | " | | 14.0 | -5.1 |
| 47 | " | | 5.2 | 3.7 | | | | | | |

| Sta N | | H1 | - | Elev |
|-------|------------------------------|-------|--------|---|
| 28 | 20 E | 15.69 | 4.6 | 11.1 |
| 28 | 00 | | 6.4 | 9.3 |
| " | 50 W | | 7.5 | 8.2 |
| " | 100 W | | 10.6 | 5.1 |
| " | 150 W | | 11.8 | 3.9 |
| 27 | " | | 11.8 | 3.9 |
| " | 100 W | | 11.5 | 4.2 |
| " | 50 W | | 9.1 | 6.6 |
| 27 | 00 | | 6.7 | 9.0 |
| 27 | 20' E | | 4.5 | 11.2 |
| 26 | 15 E | | 6.8 | 8.9 |
| " | 00 | | 8.1 | 7.6 |
| " | 50 W | | 10.7 | 5.0 |
| " | 100 W | | 10.9 | 4.8 |
| " | 150 | | 11.4 | 4.3 |
| " | 200 | | 11.1 | 4.6 |
| TP | Top fire plug Atlantic + Ivy | 15.69 | 6.93 | BM 8.76 ✓ |
| | | 1.06 | 9.82 ✓ | |
| 27 | 200 | | 5.9 | 3.9 |

| Sta N | 'W | 9.82 | 19 |
|-------|------------------------|------|------------|
| 28 | 200 | 5.9 | 3.9 |
| 29 | " | 5.5 | 4.3 |
| 30 | " | 5.6 | 4.2 |
| 31 | " | 6.0 | 3.8 |
| 32 | " | 5.8 | 4.0 |
| 33 | " | 6.9 | 2.9 |
| | BM Plug Atl. + Juniper | 2.23 | 7.59 check |
| 33 | 250 | 4.5 | 5.3 |
| 32 | " | 5.4 | 4.4 |
| 31 | " | 5.5 | 4.3 |
| 30 | " | 5.2 | 4.6 |
| 29 | " | 4.5 | 5.3 |
| 28 | " | 5.6 | 4.2 |
| 27 | " | 5.6 | 4.2 |
| 26 | " | 5.7 | 4.1 |
| 26 | 300 | 5.4 | 4.4 |
| 27 | " | 5.2 | 4.6 |
| 28 | " | 5.6 | 4.2 |
| 29 | " | 5.2 | 4.2 |

| Sta N | 'W | 2.82 | - | |
|-------|-----|------|-----|-----|
| 30 | 300 | | 4.7 | 5.1 |
| 31 | " | | 4.8 | 5.0 |
| 32 | " | | 5.5 | 4.3 |
| 33 | " | | 4.5 | 5.3 |
| 33 | 350 | | 4.5 | 5.3 |
| 32 | " | | 5.2 | 4.6 |
| 31 | " | | 4.7 | 5.1 |
| 30 | " | | 4.3 | 5.5 |
| 29 | " | | 5.2 | 4.6 |
| 28 | " | | 5.1 | 4.7 |
| 27 | " | | 3.9 | 5.9 |
| 26 | " | | 5.3 | 4.5 |
| 26 | 400 | | 4.9 | 4.9 |
| 27 | " | | 3.7 | 6.1 |
| 28 | " | | 4.8 | 5.0 |
| 29 | " | | 4.5 | 5.3 |
| 30 | " | | 4.4 | 5.4 |
| 31 | " | | 5.0 | 4.8 |
| 32 | " | | 5.2 | 4.6 |
| 33 | " | | 4.3 | 5.5 |

| Sta N | 'W | | |
|-------|---|------|------|
| 33 | 450 | 3.8 | 6.0 |
| 32 | " | 5.0 | 4.8 |
| 31 | " | 5.4 | 4.4 |
| 30 | " | 4.8 | 5.0 |
| 29 | " | 4.0 | 5.8 |
| 28 | " | 3.9 | 5.9 |
| 27 | " | 4.3 | 5.5 |
| 26 | " | 4.7 | 5.1 |
| | 14'W + 8'N | 3.1 | 6.7 |
| 26 | 500 | 3.8 | 6.0 |
| 27 | " | 3.6 | 6.5 |
| 28 | " | 4.5 | 5.3 |
| 29 | " | 5.0 | 4.8 |
| 30 | " | 4.6 | 5.2 |
| 31 | " | 3.8 | 6.0 |
| 32 | " | 3.0 | 6.8 |
| 33 | " | 3.1 | 6.7 |
| | Floor Steele Pkg House 1st main Bldg | 2.50 | 7.32 |

| | | 9.82 | | | Sta N | 'W | | | |
|------------|-------------------|--------|------|--------|-------|-----|------|-----|-----|
| Con. floor | Pompeian S.F. Co. | | 2.74 | 7.08 | 23 | 400 | 9.17 | 4.4 | 4.8 |
| Con Drive | Neptune S.F. Co | | 3.48 | 6.34 | 22 | " | | 5.4 | 3.8 |
| floor | " " " | | 3.30 | 6.52 | 21 | " | | 4.6 | 4.6 |
| T.P. | | 6.17 | 3.65 | 6.17 ✓ | 20 | " | | 3.9 | 5.3 |
| | T | H.I. | | | | | | | |
| | 3.00 | 9.17 ✓ | | | 20 | 350 | | 4.0 | 5.2 |
| 25 | 500 W | | 3.4 | 5.8 | 21 | " | | 3.8 | 5.4 |
| 24 | " | | 3.4 | 5.2 | 22 | " | | 4.2 | 5.0 |
| 23 | " | | 3.8 | 5.4 | 23 | " | | 3.9 | 5.3 |
| 22 | " | | 4.1 | 5.1 | 24 | " | | 4.3 | 4.9 |
| 21 | " | | 4.1 | 5.1 | 25 | " | | 4.3 | 4.9 |
| 20 | " | | 4.2 | 5.0 | 25 | 300 | | 3.5 | 5.7 |
| 20 | 450 | | 3.9 | 5.3 | 24 | " | | 4.0 | 5.2 |
| 21 | " | | 4.6 | 4.6 | 23 | " | | 4.0 | 5.2 |
| 22 | " | | 5.1 | 4.1 | 22 | " | | 3.7 | 5.5 |
| 23 | " | | 4.4 | 4.8 | 21 | " | | 4.1 | 5.1 |
| 24 | " | | 3.5 | 5.7 | 20 | " | | 4.2 | 5.0 |
| 25 | " | | 4.0 | 5.2 | 20 | 250 | | 3.8 | 5.4 |
| 25 | 400 | | 4.0 | 5.2 | 21 | " | | 3.4 | 5.8 |
| 24 | " | | 4.3 | 4.9 | 22 | " | | 4.1 | 5.1 |

| Sta N | W | 9.17 | |
|-------|-----|------|-----|
| 23 | 250 | 3.5 | 5.7 |
| 24 | " | 3.7 | 5.5 |
| 25 | " | 3.7 | 5.5 |
| 25 | 200 | 4.2 | 5.0 |
| 24 | " | 4.5 | 4.7 |
| 23 | " | 3.9 | 5.3 |
| 22 | " | 3.4 | 5.8 |
| 21 | " | 4.3 | 4.9 |
| 20 | " | 4.2 | 5.0 |
| 20 | 150 | 4.8 | 4.4 |
| 21 | " | 4.1 | 5.1 |
| 22 | " | 4.6 | 4.6 |
| 23 | " | 4.8 | 4.4 |
| 24 | " | 5.0 | 4.2 |
| 25 | " | 4.4 | 4.8 |
| 25 | 100 | 3.6 | 5.6 |
| 24 | " | 4.6 | 4.6 |
| 23 | " | 5.2 | 4.0 |
| 22 | " | 5.2 | 4.0 |

| Sta N | W | 9.17 | |
|------------------------------------|------|------------------|--------------|
| 21 | 100 | 5.2 | 4.0 |
| 20 | 100 | 4.3 | 4.9 |
| 20 | 50 | 0.0 | 9.2 |
| 21 | 50 | 1.1 | 8.1 |
| 22 | " | 3.2 | 6.0 |
| 23 | " | 5.2 | 4.0 |
| 24 | " | 5.7 | 3.5 |
| 25 | " | 4.8 | 4.4 |
| Gregory Miller West Shaw } 6/15/20 | | | |
| B.M. SW Hawthorn + India | | 45.00 | |
| + H1 - | | 0.58 45.58 ✓ | |
| T.P. | | 12.41 | 33.17 ✓ |
| | | 0.76 33.93 ✓ | |
| T.P. | | 12.84 ✓ | 21.09 |
| | | 0.70 21.79 21.79 | |
| B.M. Spk Pole 14.05 W of Sta 19 | | 4.25 | <u>17.54</u> |
| chk Hydrant Atlantic (?) + Juniper | 13.0 | | 18.79 ✓ |
| | | | ? |

| Sta X | | H.I. | - | | Sta Y | | H.I. | - | Elev |
|-------|------------------------|-------|---|------|-------|-----------------------|-------|------|------|
| 25 | Berm = 4' W of W Rail. | 21.79 | | 6.0 | 22 | 13 W | 21.79 | 4.6 | 17.0 |
| " | 6' W of " | | | 8.3 | " | 25 W | | 13.2 | 8.6 |
| 25 | 00 | | | 8.2 | 21 | 30 " | | 12.4 | 9.4 |
| " | 18 W | | | 7.8 | " | 11 " | | 4.2 | 17.6 |
| " | 20 " | | | 16.3 | " | 00 | | 3.9 | 17.9 |
| 24+30 | 20 " | | | 17.8 | " | Berm (about top rail) | | 4.8 | 17.0 |
| " | 18 " | | | 5.8 | 20 | " | | 4.4 | 17.4 |
| " | 00 | | | 5.8 | " | 0.0 | | 4.3 | 17.5 |
| " | Berm | | | 5.8 | " | 8 W | | 4.3 | 17.5 |
| 24 | " = Top tie | | | 5.1 | " | 18 " | | 8.9 | 12.9 |
| " | 00 | | | 5.2 | 19+15 | Berm | | 4.3 | 17.5 |
| " | 13 W | | | 5.3 | " | 0.0 | | 4.0 | 17.8 |
| " | 25 " | | | 17.1 | " | 10 | | 4.2 | 17.6 |
| 28 | 23 " | | | 14.2 | " | 20 | | 8.8 | 13.0 |
| " | 14 | | | 4.9 | " | 50 | | 11.3 | 10.5 |
| " | 00 | | | 4.9 | " | 100 | | 15.5 | 6.3 |
| " | Berm | | | 4.9 | " | 150 | | 17.1 | 4.7 |
| 22 | 00 " | | | 4.7 | 19+06 | " | | 15.6 | 6.2 |
| " | 00 | | | 4.6 | " | 100 | | 11.6 | 10.2 |

| Sta N | | H.I. | | Elev | Sta N | | H.I. | | Elev |
|-------|----------------|-------|------|-------|-------|----------------------|-------|-------|---------|
| 19+06 | 50 W | 21.79 | 7.7 | 14.1 | 17 | 00 | 21.79 | 6.3 | 15.5 |
| " | 0.0 | | 4.0 | 17.8 | 17 | 15 W | | 9.0 | 12.8 |
| " | Berm | | 4.2 | 17.6 | " | 50 " | | 10.1 | 11.7 |
| 17+30 | " | | 3.9 | 17.9 | " | 100 " | | 16.3 | 5.5 |
| " | 00 | | 4.7 | 17.1 | 16 | 100 " | | 15.5 | 6.3 |
| " | 15 W | | 4.9 | 16.9 | " | 50 " | | 11.7 | 10.1 |
| " | 50 " | | 7.5 | 14.3 | " | 00 | | 6.3 | 15.5 |
| " | 100 " | | 11.5 | 10.3 | " | Berm | | 4.3 | 17.5 |
| " | 150 " | | 18.3 | 3.5 | 15 | " | | 4.1 | 17.7 |
| 17+23 | 150 | | 18.3 | 3.5 | " | 0.0 | | 4.6 | 17.2 |
| " | 100 | | 14.9 | 6.9 | " | 50 | | 10.6 | 11.2 |
| " | 50 | | 11.6 | 10.8 | " | 100 | | 13.0 | 8.8 |
| " W | Oil Tank Found | | 9.30 | 12.49 | T.P. | 15'S of Last Reading | | 12.31 | 9.48 |
| " E | " " " | | 8.80 | 13.00 | T.P. | | | 4.82 | 16.97 ✓ |
| 17+23 | 15 | | 8.8 | 13.0 | | | + | 3.07 | 20.04 ✓ |
| " | 00 | | 4.9 | 16.9 | 14 | Berm | | 1.9 | 18.1 |
| " | Berm | | 4.0 | 17.8 | " | 24'E | | 2.9 | 17.1 |
| 17 | " | | 4.0 | 17.8 | " | 20 " | | 0.7 | 19.3 |
| | | | | | " | 00 | | 2.0 | 18.0 |

| Sta N | | H.I. 20.04 | | | Sta N | | H.I. 20.04 | - | |
|-------|----------------|----------------------------|------|------|-------|-----------------|---------------|------|---------|
| 14 | Front of House | | 2.5 | 17.5 | 11+35 | 50' W | | 9.2 | 10.8 |
| 14 | 40W | } Along S Side of House | 3.9 | 16.1 | " | 22 " | | 8.3 | 11.7 |
| " | 50 " | | 6.0 | 14.0 | " | 8' W | | 2.6 | 17.4 |
| " | 60 " | | 9.2 | 10.8 | 11+29 | 0.0 W | | 2.1 | 17.9 |
| 14 | 100 | | 14.3 | 5.7 | " | 50 W | | 4.4 | 15.6 |
| 13 | " | Under Shed | 11.3 | 8.7 | " | 100 " | | 7.9 | 12.1 |
| " | 50 | | 12.0 | 8.0 | 11 | " | | 8.5 | 11.5 |
| 13 | " | front Sardine Pkg. Ho. | 7.6 | 12.4 | 11 | 50 | | 5.0 | 15.0 |
| 13 | 13 W | | 3.4 | 16.6 | 11 | 00 | | 2.3 | 17.7 |
| " | 00 | | 2.9 | 17.1 | 11 | Berm (Top Rail) | | 1.2 | 18.8 |
| " | Berm | | 2.4 | 17.6 | 10 | " | | 1.2 | 18.8 |
| 12 | " | | 1.9 | 18.1 | " | 00 | | 1.3 | 18.7 |
| " | 0.0 | | 2.6 | 17.4 | " | 50 W | | 4.4 | 15.6 |
| " | 9' W | | 2.9 | 17.1 | " | 100 " | | 8.2 | 11.8 |
| " | 20 " | | 8.9 | 11.1 | " | 150 " | | 11.8 | 8.2 |
| " | 50 " | | 9.9 | 10.1 | " | 200 " | | 14.7 | 5.3 |
| " | 100 " | | 9.4 | 10.6 | T.P. | | | 1.34 | 18.70 ✓ |
| 11+35 | 100 W | | 8.1 | 11.9 | | | + | 1.78 | 19.88 ✓ |

| Sta N | | H.I | - | | Sta N | | H.I | - | |
|-------|-------------------|--------------|------|------|-------|------|---|-------------------|---------|
| | | 19.88 | | | 8 | 62 W | | 4.3 | 15.6 |
| 9 | Berm | | 1.20 | 18.7 | " | 50 | | 3.8 | 16.1 |
| " | 00 | | 0.7 | 19.1 | " | 20 | | 1.6 | 18.3 |
| " | Front House (Gar) | | 0.3 | 19.6 | " | 00 | | 1.5 | 18.4 |
| " | 20 W | | 0.3 | 19.6 | " | Berm | | 1.9 | 18.0 |
| " | 50 W | | 3.0 | 16.9 | 7 | " | | 2.0 | 17.9 |
| " | 60 " | | 4.5 | 15.4 | " | 00 | | 1.7 | 18.2 |
| " | 65 W | } Old RR Cut | 9.2 | 10.7 | " | 50 | | 4.3 | 15.6 |
| " | 85 " | | 9.7 | 10.2 | " | 100 | } (RR Cut filled Bet Fences) Between Fences Drive to Garage | 7.0 | 12.9 |
| " | 88 " | | 6.2 | 13.7 | " | 75 | | about 1/2 of Cut. | |
| " | 100 " | | 6.6 | 13.3 | " | 150 | 10 Yard Bet Ho. & Gar. | 11.5 | 8.4 |
| " | 118 " | Near fence | 7.7 | 12.2 | " | 200 | Under House. | 14.4 | 5.6 |
| " | 122 | across fence | 10.6 | 9.3 | 6 | 150 | | 14.1 | 5.8 |
| " | 150 W | | 11.3 | 8.6 | " | 100 | | 8.2 | 11.7 |
| 8 | " | | 11.8 | 8.1 | T.P. | | 19.88 | 7.99 | 11.89 ✓ |
| " | 100 W | | 7.0 | 12.9 | | | 9.14 | 21.03 ✓ | |
| | 90 | | 6.4 | 13.5 | 6 | 85 | | 10.7 | 10.3 |
| | 85 | } RR Cut | 9.9 | 10.0 | " | 65 | | 6.9 | 14.1 |
| | 70 | | 9.5 | 10.4 | " | 50 | | 5.8 | 15.2 |

| Sta N | | 21.03 | | | Sta N | | | |
|-------|-----------------|------------------------------|------|------|-------|-----------------|------|------|
| 6 | 00 | | 3.1 | 17.9 | 3 | 50 W | 9.4 | 11.6 |
| " | Berm | | 3.3 | 17.7 | " | 100 " | 11.5 | 9.5 |
| 5 | 3.5E = Berm | 1 | 3.5 | 17.5 | 3 | 150 W | 14.5 | 6.5 |
| " | 00 | | 3.7 | 17.3 | " | 200 | 17.5 | 3.5 |
| " | +?N on Cem Walk | front House | 6.0 | 15.0 | 2 | " | 16.5 | 4.5 |
| " | 50 | Just Sof Fence | 6.8 | 14.2 | " | 150 | 15.2 | 5.8 |
| " | 100 | | 10.9 | 10.1 | " | 100 Sedge House | 12.1 | 8.9 |
| " | 150 | | 13.4 | 7.6 | " | 50 | 10.2 | 10.8 |
| " | 200 | | 17.1 | 3.9 | " | 25 | 7.9 | 13.1 |
| 4 | 200 | Bet. Houses | 17.3 | 3.7 | " | Berm = 17' W | 4.4 | 16.6 |
| 4 | 150 | | 14.5 | 6.5 | " | 00 | 3.6 | 17.4 |
| " | 100 | Under House | 11.6 | 9.4 | 1 N | 00 | 3.5 | 17.5 |
| " | 50 | | 8.5 | 12.5 | " | 25 W Berm | 4.6 | 16.4 |
| " | 30 | | 8.0 | 13.0 | " | 40 " | 10.3 | 10.7 |
| 4 | 00 | W Side Track Between Ties | 3.8 | 17.2 | " | 50 " | 10.3 | 10.7 |
| 3 | 00 | " " E Side | 3.3 | 17.7 | " | 100 | 11.2 | 9.8 |
| 3 | 9.2 W | Berm W. | 4.0 | 17.0 | " | 150 | 13.0 | 8.0 |
| 3 | 30 W | | 9.0 | 12.0 | " | 200 | 15.6 | 5.4 |

| 21.03 | | | | Sta N | W | H.I. | - | |
|-------|---|------|--------------------|-----------------------------------|-------|-------|-------------------|-----|
| TP | Hd ^{W End} Spk in S.F.C. V# A268 | 7.46 | <u>BM</u> 13.57 | 18 | 200 | 10.22 | 5.4 | 4.8 |
| | | | | 19 | " | | 4.2 | 6.0 |
| | | | | 19 | 250 | | 5.1 | 5.1 |
| | | | <u>BM</u> 9.48 | 18 | " | | 4.5 | 5.7 |
| | | 0.74 | H.I. 10.22 | Top Fire Plug Atlantic + Hawthorn | | 1.49 | <u>BM</u> 8.73 | |
| 17 N | 150 W | 6.4 | 3.8 | 17 | 250 | | 5.2 | 5.0 |
| 16 | " | 6.9 | 3.3 | 16 | " | | 6.2 | 4.0 |
| 15 | " | 6.3 | 3.9 | 15 | " | | 5.4 | 4.8 |
| 14 | " | 6.1 | 4.1 | 14 | " | | 5.8 | 4.4 |
| 13 | " | 3.0 | 7.2 | 13 | " | | 6.4 | 3.8 |
| 12 | " | 0.7 | 9.5 | 12 | " | | 5.7 | 4.5 |
| 11 | " | 2.6 | 7.6 | 11 | " | | 5.1 | 5.1 |
| 11 | 200 | 4.4 | 5.8 | Top Fire Plug Atlantic + Grape | | 2.89 | <u>BM</u> 7.33 | |
| 12 | " | 4.4 | 5.8 | 11 | 300 W | | 5.2 | 5.0 |
| 13 | " | 5.9 | 4.3 | 12 | " | | 5.8 | 4.4 |
| 14 | " | 6.6 | 6.6 | 13 | " | | 5.8 | 4.4 |
| 15 | " | 7.0 | 3.2 | 14 | " | | 5.6 | 4.6 |
| 16 | " | 6.3 | 3.9 | 15 | " | | 4.1 | 6.1 |
| 17 | " | 5.6 | 4.6 | 16 | " | | 5.9 | 4.3 |

| Sta N | 'W | 10.22 | | Sta N | 'W | H.1 | - | | |
|-------|------|-------|-----|-------|----|------|-------|-----|-----|
| 17 | 300' | | 5.8 | 4.4 | 18 | 400 | 10.22 | 5.2 | 5.0 |
| 18 | " | | 4.9 | 5.3 | 19 | " | | 4.6 | 5.6 |
| 19 | " | | 4.1 | 6.1 | 19 | 450' | | 5.6 | 4.6 |
| 19 | 350' | | 5.1 | 5.1 | 18 | " | | 5.8 | 4.4 |
| 18 | " | | 4.9 | 5.3 | 17 | " | | 6.2 | 4.0 |
| 17 | " | | 5.0 | 5.2 | 16 | " | | 5.8 | 4.4 |
| 16 | " | | 4.3 | 5.9 | 15 | " | | 5.5 | 4.7 |
| 15 | " | | 4.3 | 5.9 | 14 | " | | 5.1 | 5.1 |
| 14 | " | | 4.0 | 6.2 | 13 | " | | 5.1 | 5.1 |
| 13 | " | | 5.2 | 5.0 | 12 | " | | 5.3 | 4.9 |
| 12 | " | | 5.5 | 4.7 | 11 | " | | 5.8 | 4.4 |
| 11 | " | | 5.4 | 4.8 | 11 | 500 | | 5.3 | 4.9 |
| 11 | 400 | | 5.8 | 4.4 | 12 | " | | 4.8 | 5.4 |
| 12 | " | | 5.0 | 5.2 | 13 | " | | 4.6 | 5.6 |
| 13 | " | | 5.4 | 4.8 | 14 | " | | 5.5 | 5.7 |
| 14 | " | | 5.4 | 4.8 | 15 | " | | 5.2 | 5.0 |
| 15 | " | | 5.3 | 4.9 | 16 | " | | 5.1 | 5.1 |
| 16 | " | | 5.4 | 4.8 | 17 | " | | 5.3 | 4.9 |
| 17 | " | | 5.4 | 4.8 | 18 | " | | 5.5 | 4.7 |

| Sta N | 'W | 10.22 | | |
|-------|-------|-------|-----|-----|
| 19 | 500 | | 5.2 | 5.0 |
| 19 | 550 | 10.22 | 6.2 | 4.0 |
| 18 | " | | 4.8 | 5.4 |
| 17 | " | | 6.1 | 4.1 |
| 16 | " | | 5.8 | 4.4 |
| 15 | " | | 5.7 | 4.5 |
| 14 | " | | 5.6 | 4.6 |
| 13 | " | | 5.8 | 4.4 |
| 12 | " | | 5.7 | 4.5 |
| 11 | " | | 5.8 | 4.4 |
| 11 | 5.75' | | 6.1 | 4.1 |
| 12 | " | | 5.8 | 4.4 |
| 13 | " | | 5.7 | 4.5 |
| 14 | " | | 5.4 | 4.8 |
| 15 | " | | 6.0 | 4.2 |
| 16 | " | | 6.7 | 3.5 |
| 17 | " | | 6.9 | 3.3 |
| 18 | " | | 7.4 | 2.8 |

| Sta N | 'W | 10.22 | | |
|-------|--------------|---|------|-------|
| 19 | 575' | | 6.6 | 3.6 |
| 20 | " | | 8.1 | 2.1 |
| 21 | " | (fill runs to B.H. Sample) about 4' East B.H. | 7.5 | 2.7 |
| 22 | " | ^{10'S of} Corner of Bulkheads | 7.0 | 3.2 |
| | | Cement Walks + Court Neptune | | |
| | | S.F. Co | 4.75 | 5.47 |
| | | at Bulkhead on S. line of Neptune | | |
| | | Improvements | 8.3 | 1.9 |
| 20 | Bulkhead | | 13.9 | - 3.7 |
| 19 | " | | 14.7 | - 4.5 |
| 18 | " | | 15.0 | - 4.8 |
| 17 | " | | 15.7 | - 5.3 |
| 16 | 599 Bulkhead | | 15.6 | - 5.4 |
| 15 | B.H. | | 15.1 | - 4.9 |
| 14 | Bulkhead. | | 6.3 | 3.9 |
| 13 | " | | 6.9 | 3.3 |
| 12 | " | | 6.3 | 3.9 |
| 11 | " | | 7.1 | 3.1 |

on Split of L from 0.0 Base line Temp

Bulkhead = 6.57' W.

| B.M. | H.I. | B.M. |
|------|------|------|
| 1.84 | 9.17 | 7.33 |

| Sta | N | 'W | | |
|-----|-----|----|-----|-----|
| 10. | 200 | | 3.9 | 5.3 |
| " | 250 | | 4.7 | 4.5 |
| 9 | 250 | | 4.1 | 5.1 |
| 9 | 200 | | 1.5 | 7.7 |
| 8 | 200 | | 2.1 | 7.1 |
| 8 | 250 | | 4.9 | 4.3 |
| 10 | 300 | | 4.6 | 4.6 |
| 9 | " | | 5.2 | 4.0 |
| 8 | " | | 5.2 | 4.0 |
| 7 | " | | 4.6 | 4.6 |
| 87 | 250 | | 5.0 | 4.2 |
| 6 | " | | 5.3 | 3.9 |
| 6 | 300 | | 4.6 | 4.6 |

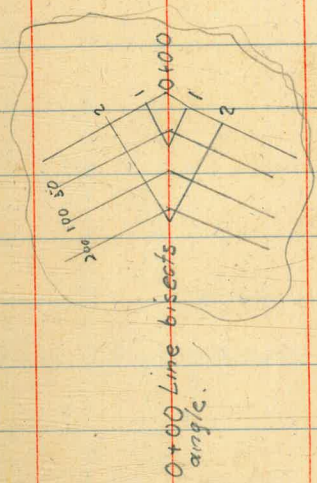
| Sta | N | 'W | | 9.17 | |
|-----|-----|----------------|--|------|-----|
| 5 | 300 | | | 4.8 | 4.4 |
| 5 | 250 | | | 5.3 | 3.9 |
| 4 | 300 | | | 5.0 | 4.2 |
| 4 | 250 | Under House | | 5.7 | 3.5 |
| 3 | " | | | 5.3 | 3.9 |
| 3 | 300 | | | 4.8 | 4.4 |
| 2 | " | | | 4.8 | 4.4 |
| 2 | 250 | in front House | | 5.1 | 4.1 |
| 0 | " | | | 4.8 | 4.4 |
| 0 | 300 | | | 5.3 | 3.9 |
| 0 | 350 | | | 4.4 | 4.8 |
| 2 | " | | | 4.8 | 4.4 |
| 3 | " | | | 4.8 | 4.4 |
| 4 | " | | | 5.1 | 4.1 |
| 5 | " | | | 4.8 | 4.4 |
| 6 | " | | | 4.8 | 4.4 |
| 7 | " | | | 4.6 | 4.6 |
| 8 | " | | | 4.6 | 4.6 |
| 9 | " | | | 5.0 | 4.2 |

| Sta N | W | 9.17 | |
|-------|-----|------|-----|
| 10 | 350 | 4.0 | 5.2 |
| 10 | 400 | 4.4 | 4.8 |
| 9 | " | 4.8 | 4.4 |
| 8 | " | 4.8 | 4.4 |
| 7 | " | 4.3 | 4.9 |
| 6 | " | 4.9 | 4.3 |
| 5 | " | 4.9 | 4.3 |

NE Cor Naylor's Boat House is
 445 N - 435 W
 N.W. Cor = 5 N - 467 W, Bldg. is 40'
 long N-S

| | | | |
|---|-----|-----|-----|
| 4 | 100 | 4.9 | 4.3 |
| 3 | " | 4.3 | 4.9 |
| 2 | " | 4.5 | 4.7 |
| 0 | " | 5.9 | 3.3 |
| 0 | 450 | 4.2 | 5.0 |
| 3 | " | 4.0 | 5.2 |
| 4 | " | 4.2 | 5.0 |
| 5 | " | 4.5 | 4.7 |

| Sta N | W | 9.17 | |
|-------|-----|------|-----|
| 6 | 450 | 4.8 | 4.4 |
| 7 | " | 4.7 | 4.5 |
| 8 | " | 4.4 | 4.8 |
| 9 | " | 4.1 | 5.1 |
| 10 | " | 4.9 | 4.3 |
| 10 | 500 | 4.4 | 4.8 |
| 9 | " | 4.3 | 4.9 |
| 8 | " | 4.4 | 4.8 |
| 7 | " | 4.2 | 5.0 |
| 6 | " | 4.1 | 5.1 |
| 8 | " | | |



| | | | |
|----|-----|--------|--------------|
| TP | | 2.91 | 6.26 ✓ |
| | | + 3.83 | H.I. 10.09 ✓ |
| 5 | 500 | 4.6 | 5.5 |
| 4 | " | 4.8 | 5.3 |
| 3 | " | 5.5 | 4.6 |
| 0 | " | 5.7 | 4.4 |
| 0 | 550 | 5.8 | 4.3 |
| 3 | " | 5.3 | 4.8 |

| Sta N | 'W | | | | Sta = N | 'W | 10.09 | | |
|-------------|------|-----------------------|-------|------|---------|---------|-----------|-----------------|------------|
| 4 | 550 | | 10.09 | 5.6 | 4.5 | 3 | 650 | 6.4 | 3.7 |
| 5 | " | | | 4.8 | 5.3 | 4 | " | At Bulkhead | 7.4, 2.7 |
| 6 | " | | | 4.9 | 5.2 | 5 | 645 | " | 11.5 - 1.4 |
| 7 | " | | | 4.6 | 5.5 | 6 | " | " | 11.8 - 1.7 |
| 8 | " | | | 4.7 | 5.4 | 7 | " | " | 12.7 - 2.6 |
| 9 | " | | | 6.0 | 4.1 | 8 | " | " | 12.9 - 2.8 |
| 10 | " | | | 5.9 | 4.2 | 9 | " | " | 13.3 - 3.2 |
| 10 | 600 | | | 5.8 | 4.3 | 10 | 623 | " 10.09 | 5.6 4.5 |
| 9 | " | | | 6.4 | 3.7 | B.M. | Fire Plug | Date + Atlantic | 3.80 6.29 |
| 8 | " | | | 5.9 | 4.2 | | | | |
| 7 | " | | | 5.9 | 4.2 | | | + 3.20 16.77 | BM. 13.57 |
| 6 | " | Under Shack | | 4.9 | 5.2 | 0.0 | 200W | | 11.4 5.4 |
| 5 | | Shack 12' E+W 14' N+S | | | | " | 150 | | 8.6 8.2 |
| 5 | 600 | | | 5.2 | 4.9 | " | 100 | | 7.3 9.5 |
| 4 | " | | | 5.5 | 4.6 | " | 50 | | 5.9 10.9 |
| 3 | " | | | 5.3 | 4.8 | " | 33' W | Berm | 0.6 16.2 |
| 0 | " | | | 5.0 | 5.1 | 00 | 00 | | +1.0 17.8 |
| 0 | 6.50 | | | 8.9 | 1.2 | Sta #15 | 0.0 | | +0.5 17.3 |
| 0 | 6.57 | Bulkhead | | 10.3 | -0.2 | " | 25' | Berm | 0.7 16.1 |
| 10' N of 00 | 650W | | | 5.3 | 4.8 | | | | |

| Sta. # | 'W | 16.77 | | Sta. # | 'W | 16.77 | |
|--------|----------------------------|-------|------|--------|--------------------------|-------|------|
| 1 S | 35 W | 5.7 | 11.1 | A. | 200 | 11.9 | 4.9 |
| " | 50 | 6.1 | 10.7 | 4. | 150 | 10.1 | 6.7 |
| " | 100 | 7.7 | 9.1 | 4 | 100 | 8.4 | 8.4 |
| 2 S | 200 W | 12.9 | 3.9 | " | 50 | 5.7 | 11.1 |
| " | 150 " | 8.5 | 8.3 | " | 15 | 5.0 | 11.8 |
| " | 100 " | 7.0 | 9.8 | 4 | 2.5' Berm | 1.1 | 15.7 |
| " | 50 | 5.6 | 11.2 | 4 | 0 | 1.1 | 15.7 |
| " | 30 | 5.4 | 11.4 | 5 S | 3.5 E Berm | 0.8 | 16.0 |
| " | 8' 16" W Berm | 0.9 | 15.8 | 5 | 00 | 1.6 | 15.2 |
| " | 0.0 | 0.3 | 16.5 | 5 | 6' W | 4.4 | 12.4 |
| 3 | 0.0 Edg of E Rail | 0.4 | 16.4 | 5 | 50 " | 5.4 | 11.4 |
| " | 9.3 W Berm | 1.1 | 15.7 | 5 | 100 " | 8.2 | 8.6 |
| " | 20 " | 4.6 | 12.2 | " | 150 | 10.8 | 6.0 |
| " | 50 " | 5.4 | 11.4 | " | 200 Under House | 11.6 | 5.2 |
| " | 100 " | 7.2 | 9.6 | 6 | " | 12.6 | 4.2 |
| " | 150 | 10.0 | 6.8 | 6 | 150 | 11.1 | 5.7 |
| " | 200 NE Cor Robbins Foundry | 12.6 | 4.2 | 6 | 100 | 8.4 | 8.4 |
| " | 250 | 12.7 | 4.1 | 6 | 40 S.E. Cor of Warehouse | 4.9 | 11.9 |
| | | | | 6 | 8' W | 4.5 | 12.3 |
| | | | | Base | | 2.6 | 14.2 |
| | | | | Berm | 9' E | 1.0 | 15.8 |

| 16.77 | | | | Sta # 5 | | | | 17.50 | |
|---------|----------------|---------------|--------------------|----------|------|----------------------|---------------------|-------|----------|
| TP | RR Spike at #6 | | 0.49 | BM 16.28 | 9 | 150 W | | 10.8 | 6.7 |
| | | | | | " | 200 " Between Houses | | 12.4 | 5.1 |
| Sta # 5 | | 1.22 | 17.50 | | 10 | Berm | | 2.8 | 14.7 |
| 7 | 13.7 E | | 2.0 | 15.5 | " | 00 | | 4.5 | 13.0 |
| 7 | 00 | | 4.8 | 12.7 | " | 15' | | 4.8 | 12.7 |
| " | 50 W | | 6.3 | 11.2 | T.P. | Spike W End Wood | Culv Cedar + CalliP | 3.51 | BM 13.99 |
| " | 100 " | | 8.6 | 8.9 | | | + 4.16 | 18.15 | |
| " | 150 | Back of House | 11.0 | 6.5 | 10 | 50 W | | 7.2 | 11.0 |
| " | 200 | Under " | 20 13.2 | 4.3 | " | 100 " | | 9.4 | 8.8 |
| 8 | " | " House | 13.5 | 4.0 | " | 150 | | 10.4 | 7.8 |
| " | 150 | | 11.8 | 5.7 | " | 200 | | 13.0 | 5.2 |
| " | 100 | | 8.9 | 8.6 | 11 | " | | 13.0 | 5.2 |
| " | 50 | | 6.8 | 10.7 | 12 | " | | 11.0 | 7.2 |
| " | 00 | | 5.3 | 12.2 | 12 | 150 | | 9.6 | 8.6 |
| " | ? E Berm | | 2.8 | 15.2 | 11 | " | | 11.1 | 7.1 |
| 9 | 21' E = Berm | | 2.7 | 14.8 | 11 | 100 | | 8.7 | 9.5 |
| " | 00 | | 5.3 | 12.2 | 12 | " | Under Bldg | 7.9 | 10.3 |
| " | 50 | S of House | 7.1 | 10.4 | 12 | 50 | " | 5.8 | 12.4 |
| " | 100 | | 8.7 | 8.8 | 11 | " | | 6.5 | 11.7 |

| Sta S | | K.I. | - | Elev | Sta S | | 18.33 | |
|-------|-------|--------------------|---------|------|---------|------|-----------------------|--------------|
| 11 | 00 | | | 4.3 | 13.9 | 16 | 150 W | 10.1 8.2 |
| " | 25.7E | Berm | | 2.4 | 15.8 | 16 | 100 | 7.4 10.9 |
| 12 | 27.3E | Berm | | 3.3 | 14.9 | 16 | 50 4' Saf Rd Fence | 5.9 12.4 |
| " | 00 | | | 4.5 | 13.7 | 16 | 00 | 5.0 13.3 |
| 13 | 28 E | Berm | | 3.7 | 14.5 | 16 | Berm | 4.7 13.6 |
| 13 | 00 | | | 4.2 | 14.0 | 17 | " | 4.8 13.5 |
| 14 | 28.5E | Berm | | 3.8 | 14.4 | " | 00 | 5.4 12.9 |
| 14 | 00 | | | 4.2 | 14.0 | | | |
| 15 | 28.5 | Berm | | 4.0 | 14.2 | " | Sill of House SE Cor. | 4.2 14.1 |
| 15 | 00 | | | 4.3 | 13.9 | " | 50 W | 7.2 11.1 |
| T.P. | | Sta 15 + 00 S | | 4.26 | 13.89 ✓ | " | 100 " | 7.9 10.4 |
| | | + 4.44 | 18.33 ✓ | | | " | 150 ' E of Shack | 10.3 8.0 |
| 14 | 50 W | S Side Conc. Bldg. | | 6.3 | 12.0 | 18 | Berm | 4.6 13.7 |
| 15 | " | | | 5.6 | 12.7 | 18 | 00 | 5.2 13.1 |
| 15 | 100 | | | 7.5 | 10.8 | T.P. | Sta 18 S 00 | 5.24 13.09 ✓ |
| 14 | " | | | 8.2 | 10.1 | | + 4.24 17.33 ✓ | |
| 15 | 150 | | | 10.3 | 8.0 | 19 | Berm | 4.3 13.0 |
| 15 | 200 | SW Cor Car Fish Co | | 10.8 | 7.5 | " | 10' E | 4.3 13.0 |
| 16 | " | | | 11.2 | 7.1 | " | 00 | 5.0 12.3 |

9th S

3/4" S

17.33

| | | | | | | | | | | |
|----|--------|--------------------------|-------|-----|------|------|--------------------------------|-----------------|------|-----|
| 20 | 28.5 E | Berm | 17.33 | 4.3 | 13.0 | 24 | 00 | 7.5 | 9.8 | |
| " | 10' E | | | 4.3 | 13.0 | " | 15 W | 7.5 | 9.8 | |
| " | 0.0 | top rail Globe Siding | | 7.0 | 10.3 | 25 | " | 7.7 | 9.6 | |
| " | 2.0 | Ground Found Grain Tanks | | 5.4 | 11.9 | " | 00 | 7.8 | 9.5 | |
| " | " | Top " " | | 1.3 | 16.0 | " | Berm | 6.0 | 11.3 | |
| 21 | 15 W | Top Conc. Platf. | | 5.5 | 13.8 | 19 | 50 W | 6.1 | 11.2 | |
| " | " | Ground " " | | 5.7 | 11.6 | 18 | 50 " | 6.5 | 10.4 | |
| 21 | 0.0 | | | 7.0 | 10.3 | " | 100 " | 10.5 | 6.8 | |
| " | 3' E | | | 4.4 | 12.9 | " | 150 " | 11.3 | 6.0 | |
| " | Berm | | | 4.0 | 13.3 | 19 | 100 | 9.6 | 7.7 | |
| 22 | " | | | 4.6 | 12.7 | 19 | 150 | 10.9 | 6.4 | |
| " | 12' E | | | 4.6 | 12.7 | 18 | 200 | 12.4 | 4.9 | |
| " | 0.0 | | | 7.2 | 10.1 | 19 | " | 12.5 | 4.8 | |
| " | 15' W | Grnd Conc. Platf. | | 7.6 | 9.9 | B.M. | Top Fire Plug Beach + Atlantic | 9.82 | 7.51 | |
| 23 | " | | | 7.6 | 9.7 | | + 6.95 | 14.46 | | |
| " | 0.0 | | | 8.1 | 9.2 | 20 | 100 | W of Globe Mill | 6.3 | 8.2 |
| " | 20' E | | | 5.5 | 11.8 | 21 | " | " | 5.3 | 9.2 |
| " | Berm | | | 5.5 | 11.8 | 22 | " | " | 4.9 | 9.6 |
| 24 | " | | | 5.8 | 11.5 | 23 | " | " | 4.6 | 9.9 |

Sta^o 3

| | | | | | | | | |
|----|--|----------------|------|------|-----|-----------------------------|--------|-----------|
| 24 | 100 W | 14.46 | 4.5 | 10.0 | | B.M. | | 7.51 |
| 25 | " | | 4.8 | 9.7 | | | + 2.63 | 10.18 ✓ |
| " | 150 | | 9.4 | 5.1 | 8 | 250 W | | 6.1 4.1 |
| " | 200 | | 10.4 | 4.1 | 7 | " | | 6.6 3.6 |
| 24 | " | | 10.8 | 3.9 | 6 | " | | 6.1 4.1 |
| " | 150 | | 9.8 | 4.7 | 5 | " | | 6.1 4.1 |
| 23 | " | | 6.5 | 8.0 | 4 | " | | 6.6 3.6 |
| " | 200 | | 10.6 | 3.9 | | Robbins foundary floor | | 5.90 4.28 |
| 22 | " | | 10.4 | 4.1 | 2 | " Shop | | 6.00 4.18 |
| " | 150 | | 6.9 | 7.7 | 3 | 250 | | 6.00 4.2 |
| | B.M. Beech - Atlantic Fire Plug + 1.47 | H.I. 8.98 ✓ | 7.51 | | 2 | " | | 6.1 4.1 |
| | | | | | | B.M. Atl + Data (Long Shot) | | 3.77 6.41 |
| 20 | 200 W | | 4.5 | 4.5 | 2 S | 300 W | | 5.9 4.3 |
| 21 | " | | 4.9 | 4.1 | 3 | " | | 6.2 4.0 |
| " | 150 | | 4.0 | 5.0 | 4 | " | | 6.6 3.6 |
| 20 | " | | 3.5 | 5.5 | 5 | " | | 6.6 3.6 |
| | | | | | 6 | " | | 5.8 4.4 |
| | | | | | 7 | " | | 6.2 4.0 |
| | | | | | 8 | " | | 6.1 4.1 |

| Sta S | 'W | H.I. | - | Elev. | Sta S | 'W | H.I. | - | Elev. |
|-------|-----|-------|-----|-------|-------|-----|---------------------------|------|-------|
| 8 | 350 | 10.18 | 5.5 | 4.7 | 3 | 450 | 10.18 | 7.6 | 2.6 |
| 7 | " | | 5.6 | 4.6 | 2 | " | | 6.0 | 4.2 |
| 6 | " | | 5.7 | 4.5 | 3 | 500 | | 8.3 | 1.9 |
| 5 | " | | 6.1 | 4.1 | 4 | " | | 5.6 | 4.6 |
| 4 | " | | 6.1 | 4.1 | 5 | " | | 5.4 | 4.8 |
| 3 | " | | 6.3 | 3.9 | 6 | " | | 5.1 | 5.1 |
| 2 | " | | 6.6 | 3.6 | 7 | " | | 4.7 | 5.5 |
| 2 | 400 | | 7.2 | 3.0 | 8 | " | | 4.7 | 5.5 |
| 3 | " | | 6.0 | 4.2 | 8 | 550 | | 4.5 | 5.7 |
| 4 | " | | 5.5 | 4.7 | 7 | " | | 4.9 | 5.3 |
| 5 | " | | 5.6 | 4.6 | 6 | " | | 5.3 | 4.9 |
| 6 | " | | 5.6 | 4.6 | 5 | " | | 5.6 | 4.6 |
| 7 | " | | 5.4 | 4.8 | 4 | " | | 5.4 | 4.8 |
| 8 | " | | 5.5 | 4.7 ✓ | 3 | " | Just S of Robbins Booths. | 10.0 | 0.2 |
| 8 | 450 | | 5.0 | 5.2 | 3 | 600 | | 10.3 | -0.1 |
| 7 | " | | 4.7 | 5.5 | 4 | " | | 6.4 | 3.8 |
| 6 | " | | 5.1 | 5.1 | 5 | " | | 5.2 | 5.0 |
| 5 | " | | 5.4 | 4.8 | 6 | " | | 5.1 | 5.1 |
| 4 | " | | 6.0 | 4.2 | 7 | " | | 4.7 | 5.5 |
| | | | | | 8 | | | 4.2 | 6.0 |

| Sta # S | 'W | 10.18 | | Sta # S | 'W | 10.18 | |
|---------|--------------------------|-------|------|---------|---------------|-------|------|
| 8 | 650 | 5.1 | 5.1 | 6 | 800 | 5.6 | 4.6 |
| 7 | " | 4.6 | 5.6 | 7 | " | 5.6 | 4.6 |
| 6 | " | 5.0 | 5.2 | 8 | " | 5.1 | 5.1 |
| 5 | " | 4.6 | 5.6 | 8 | 850 | 5.6 | 5.6 |
| | Cor Bulkheads Ground | 5.3 | 4.9 | 7 | " | 6.0 | 4.2 |
| 4 | Bulkhead | 6.3 | 3.9 | 6 | " | 5.9 | 4.3 |
| 3 | " | 11.6 | -1.4 | 5 | " | 6.1 | 4.1 |
| | 700W + on E+W Bulkhead | 5.7 | 4.5 | | 850 at E+W BH | 5.9 | 4.3 |
| 5 | 700 | 5.0 | 5.2 | | 900 " " " | 6.1 | 4.1 |
| 6 | " | 5.0 | 5.2 | 5 | " | 6.5 | 3.7 |
| 7 | " | 4.8 | 5.4 | 6 | " | 6.3 | 3.9 |
| 8 | " | 4.2 | 6.0 | 7 | " | 6.5 | 3.7 |
| 8 | 750 | 4.8 | 5.4 | 8 | " | 6.0 | 4.2 |
| 7 | " | 5.4 | 4.8 | 8 | 950 | 5.9 | 4.3 |
| 6 | " | 5.2 | 5.0 | 7 | " | 6.3 | 3.9 |
| 5 | " | 5.4 | 4.8 | 6 | " | 6.5 | 3.7 |
| 5 | ⁷⁵⁰ E+W BH | 5.0 | 5.0 | 5 | " | 13.3 | -3.1 |
| 5 | 800 on E+W BH | 5.1 | 5.1 | | " at E+W BH | 14.8 | -4.6 |
| 5 | 800 | 5.7 | 4.5 | | on Perm. BH | 5.80 | 4.38 |

| 3/4" S | W | | | | 3/4" S | W | H.I. 10.87 | | |
|--------|----------------------------------|-------|-----|-----|--------|-----|---------------|-----|-------|
| 9 | 250 | 10.18 | 5.8 | 4.4 | 26 | 250 | | 6.4 | 4.5 |
| 10 | " | | 5.6 | 4.6 | 26 | 300 | | 5.9 | 5.0 |
| 11 | " | | 5.4 | 4.8 | 25 | " | | 6.0 | 4.9 |
| 12 | " | | 5.3 | 4.9 | 24 | " | | 6.0 | 4.9 |
| BM | (S.E.) Fire Plug Cedars Atlantic | 1.88 | | | 23 | " | | 6.0 | 4.9 |
| | + 2.57 | 10.87 | | | 22 | " | | 6.0 | 4.9 |
| 13 | 250 | | 6.3 | 4.6 | 21 | " | | 5.7 | 5.2 |
| 14 | " | | 5.7 | 5.2 | 20 | " | | 5.9 | 5.0 |
| 15 | " | | 6.2 | 4.7 | 19 | " | | 6.1 | 4.8 |
| 16 | " | | 6.2 | 4.7 | 18 | " | | 5.2 | 5.7 |
| 17 | " | | 6.2 | 4.7 | 17 | " | | 5.9 | 5.0 |
| 18 | " | | 6.0 | 4.9 | 16 | " | | 5.7 | 5.2 ✓ |
| 19 | " | | 6.1 | 4.8 | 15 | " | | 5.9 | 5.0 |
| 20 | " | | 6.2 | 4.7 | 14 | " | | 5.8 | 5.1 |
| 21 | " | | 6.7 | 4.2 | 13 | " | | 6.1 | 4.8 |
| 22 | " | | 6.5 | 4.4 | 12 | " | | 6.3 | 4.6 |
| 23 | " | | 6.5 | 4.4 | 11 | " | | 6.0 | 4.9 |
| 24 | " | | 6.4 | 4.5 | 10 | " | | 6.4 | 4.5 |
| 25 | " | | 6.4 | 4.5 | 9 | " | | 6.8 | 4.1 |

BM
8.30 ✓

| Sta ⁿ 3 | 'W | + | H.I. | - | Elev | Sta ⁿ 3 | 'W | + | H.I. | - | Elev. |
|--------------------|-----|---|-------|-----|------|--------------------|-----|---|-------|-----|-------|
| 9 | 350 | | 10.87 | 5.8 | 5.1 | 26 | 400 | | 10.87 | 5.2 | 5.7 |
| 10 | " | | | 5.6 | 5.3 | 25 | " | | | 5.0 | 5.9 |
| 11 | " | | | 5.6 | 5.3 | 24 | " | | | 5.0 | 5.9 |
| 12 | " | | | 5.4 | 5.5 | 23 | " | | | 5.0 | 5.9 |
| 13 | " | | | 5.6 | 5.3 | 22 | " | | | 4.4 | 6.5 |
| 14 | " | | | 5.3 | 5.6 | 21 | " | | | 4.1 | 6.8 |
| 15 | " | | | 5.6 | 5.3 | 20 | " | | | 5.0 | 5.9 |
| 16 | " | | | 5.5 | 5.4 | 19 | " | | | 4.8 | 6.1 |
| 17 | " | | | 5.3 | 5.6 | 18 | " | | | 5.0 | 5.9 |
| 18 | " | | | 5.2 | 5.7 | 17 | " | | | 4.8 | 6.1 |
| 19 | " | | | 5.2 | 5.7 | 16 | " | | | 4.9 | 6.0 |
| 20 | " | | | 5.5 | 5.5 | 15 | " | | | 4.9 | 6.0 |
| 21 | " | | | 5.4 | 5.5 | 14 | " | | | 5.1 | 5.8 |
| 22 | " | | | 5.5 | 5.4 | 13 | " | | | 4.8 | 6.1 |
| 23 | " | | | 5.7 | 5.2 | 12 | " | | | 4.8 | 6.1 |
| 24 | " | | | 5.7 | 5.2 | 11 | " | | | 5.4 | 5.5 |
| 25 | " | | | 5.8 | 5.1 | 10 | " | | | 5.5 | 5.4 |
| 26 | " | | | 5.6 | 5.3 | 9 | " | | | 6.0 | 4.9 |

Sta. # S 'W

| | | | | |
|----|-----|-------|-----|-----|
| 9 | 450 | 10.87 | 5.2 | 5.7 |
| 10 | " | | 5.2 | 5.7 |
| 11 | " | | 5.0 | 5.9 |
| 12 | " | | 4.6 | 6.3 |
| 13 | " | | 4.1 | 6.8 |
| 14 | " | | 3.9 | 7.0 |
| 15 | " | | 4.0 | 6.9 |
| 16 | " | | 3.9 | 7.0 |
| 17 | " | | 4.3 | 6.6 |
| 18 | " | | 4.4 | 6.5 |
| 19 | " | | 4.4 | 6.5 |
| 20 | " | | 4.1 | 6.8 |
| 21 | " | | 3.9 | 7.0 |
| 22 | " | | 4.0 | 6.9 |
| 23 | " | | 3.5 | 7.4 |
| 24 | " | | 4.4 | 6.5 |
| 25 | " | | 4.5 | 6.4 |
| 26 | " | | 4.7 | 6.2 |

Sta. # S 'W

| | | | | |
|----|-----|-------|-----|-----|
| 26 | 500 | 10.87 | 4.2 | 6.7 |
| 25 | " | | 4.2 | 6.7 |
| 24 | " | | 4.4 | 6.5 |
| 23 | " | | 4.3 | 6.6 |
| 22 | " | | 4.2 | 6.7 |
| 21 | " | | 4.1 | 6.8 |
| 20 | " | | 4.6 | 6.3 |
| 19 | " | | 4.3 | 6.6 |
| 18 | " | | 4.6 | 6.3 |
| 17 | " | | 4.4 | 6.5 |
| 16 | " | | 4.2 | 6.7 |
| 15 | " | | 3.4 | 7.5 |
| 14 | " | | 3.9 | 7.0 |
| 13 | " | | 4.2 | 6.7 |
| 12 | " | | 4.4 | 6.5 |
| 11 | " | | 4.4 | 6.5 |
| 10 | " | | 4.6 | 6.3 |
| 9 | " | | 5.0 | 5.9 |

| Sta [#] S | 'W | | | | Sta [#] S | 'W | H.1 | | |
|--------------------|-----|-------|-----|-----|--------------------|-----|-------|-----|-----|
| 9 | 550 | 10.87 | 5.2 | 5.7 | 26 | 600 | 10.87 | 3.3 | 7.6 |
| 10 | " | | 4.4 | 6.5 | 25 | " | | 3.5 | 7.4 |
| 11 | " | | 3.9 | 7.0 | 24 | " | | 3.6 | 7.3 |
| 12 | " | | 4.1 | 6.8 | 23 | " | | 3.6 | 7.3 |
| 13 | " | | 4.1 | 6.8 | 22 | " | | 3.3 | 7.6 |
| 14 | " | | 4.0 | 6.9 | 21 | " | | 3.2 | 7.7 |
| 15 | " | | 4.0 | 6.9 | 20 | " | | 3.3 | 7.6 |
| 16 | " | | 4.7 | 6.2 | 19 | " | | 3.3 | 7.6 |
| 17 | " | | 4.8 | 6.1 | 18 | " | | 4.1 | 6.8 |
| 18 | " | | 4.2 | 6.7 | 17 | " | | 3.7 | 7.2 |
| 19 | " | | 4.5 | 6.4 | 16 | " | | 4.2 | 6.7 |
| 20 | " | | 4.0 | 6.9 | 15 | " | | 4.3 | 6.6 |
| 21 | " | | 4.4 | 6.5 | 14 | " | | 4.2 | 6.7 |
| 22 | " | | 4.0 | 6.9 | 13 | " | | 4.0 | 6.9 |
| 23 | " | | 3.1 | 7.8 | 12 | " | | 3.9 | 7.0 |
| 24 | " | | 3.6 | 7.3 | 11 | " | | 4.2 | 6.7 |
| 25 | " | | 4.1 | 6.8 | 10 | " | | 4.8 | 6.1 |
| 26 | " | | 4.2 | 6.7 | 9 | " | | 5.0 | 5.9 |

| Sta # S | 'W | + | H.I. | - |
|---------|-----|---|-------|---------|
| 9 | 650 | | 10.87 | 4.8 6.4 |
| 10 | " | | | 4.4 6.5 |
| 11 | " | | | 4.4 6.5 |
| 12 | " | | | 3.8 7.1 |
| 13 | " | | | 3.8 7.1 |
| 14 | " | | | 4.4 6.5 |
| 15 | " | | | 4.0 6.9 |
| 16 | " | | | 3.8 7.1 |
| 17 | " | | | 3.2 7.7 |
| 18 | " | | | 3.5 7.4 |
| 19 | " | | | 3.4 7.5 |
| 20 | " | | | 3.3 7.6 |
| 21 | " | | | 3.2 7.7 |
| 22 | " | | | 2.6 8.3 |
| 23 | " | | | 2.6 8.3 |
| 24 | " | | | 3.0 7.9 |
| 25 | " | | | 3.1 7.8 |
| 26 | " | | | 3.7 7.2 |

45

| Sta # S | 'W | H.I. | - |
|---------|-----|-------|---------|
| 26 | 700 | 10.87 | 4.1 6.8 |
| 25 | " | | 3.5 7.4 |
| 24 | " | | 3.4 7.5 |
| 23 | " | | 3.2 7.7 |
| 22 | " | | 3.3 7.6 |
| 21 | " | | 2.9 8.0 |
| 20 | " | | 2.7 8.2 |
| 19 | " | | 3.1 7.8 |
| 18 | " | | 3.4 7.5 |
| 17 | " | | 4.3 6.6 |
| 16 | " | | 4.3 6.6 |
| 15 | " | | 4.4 6.5 |
| 14 | " | | 4.5 6.4 |
| 13 | " | | 4.1 6.8 |
| 12 | " | | 3.8 7.1 |
| 11 | " | | 4.5 6.4 |
| 10 | " | | 4.8 6.1 |
| 9 | " | | 4.7 6.2 |

| Sta # S | 'W | | | | Sta # S | 'W | | | |
|---------|--------------------------|-------|------|-------------|---------|-------------|-------|-------|-------------|
| 9 | 800 | 10.87 | 4.8 | 6.1 | | BM | +6.65 | 13.04 | <u>6.39</u> |
| 10 | " | | 4.3 | 6.6 | 26 | 200 | | 8.0 | 5.0 |
| 11 | " | | 3.9 | 7.0 | " | 150 | | 7.4 | 5.6 |
| 12 | " | | 3.9 | 7.0 | " | 100 | | 5.6 | 7.4 |
| 13 | " | | 4.3 | 6.6 | " | 50 | | 3.7 | 9.3 |
| 14 | " | | 3.9 | 7.0 | " | 00 | | 2.3 | 10.7 |
| 15 | " | | 4.3 | 6.6 | " | Berm - 285E | | 1.9 | 11.1 |
| 16 | " | | 4.0 | 6.9 | 27 | " | | 2.2 | 10.8 |
| 17 | " | | 3.9 | 7.0 | " | 00 | | 3.2 | 9.8 |
| 18 | " | | 4.0 | 6.9 | " | 50 W | | 4.9 | 8.1 |
| 19 | " | | 3.1 | 7.8 | " | 100" | | 6.4 | 6.6 |
| 20 | " | | 3.3 | 7.6 | " | 150 | | 7.6 | 5.4 |
| 21 | " | | 3.1 | 7.8 | " | 200 | | 9.1 | 3.9 |
| 22 | " | | 3.2 | 7.7 | 28 | " | | 8.4 | 4.6 |
| 23 | " | | 3.9 | 7.0 | " | 150 | | 7.6 | 5.4 |
| 24 | " | | 4.1 | 6.8 | " | 100 | | 6.1 | 6.9 |
| 25 | " | | 4.2 | 6.7 | " | 50 | | 5.5 | 7.5 |
| 26 | " | | 4.0 | 6.9 | " | 00 | | 4.5 | 8.5 |
| BM | Fire Plug Asht Atlantic' | | 4.48 | <u>6.39</u> | " | 15' E | | 2.9 | 10.1 |
| | | | | | 16 | Berm | | 2.4 | 10.6 |

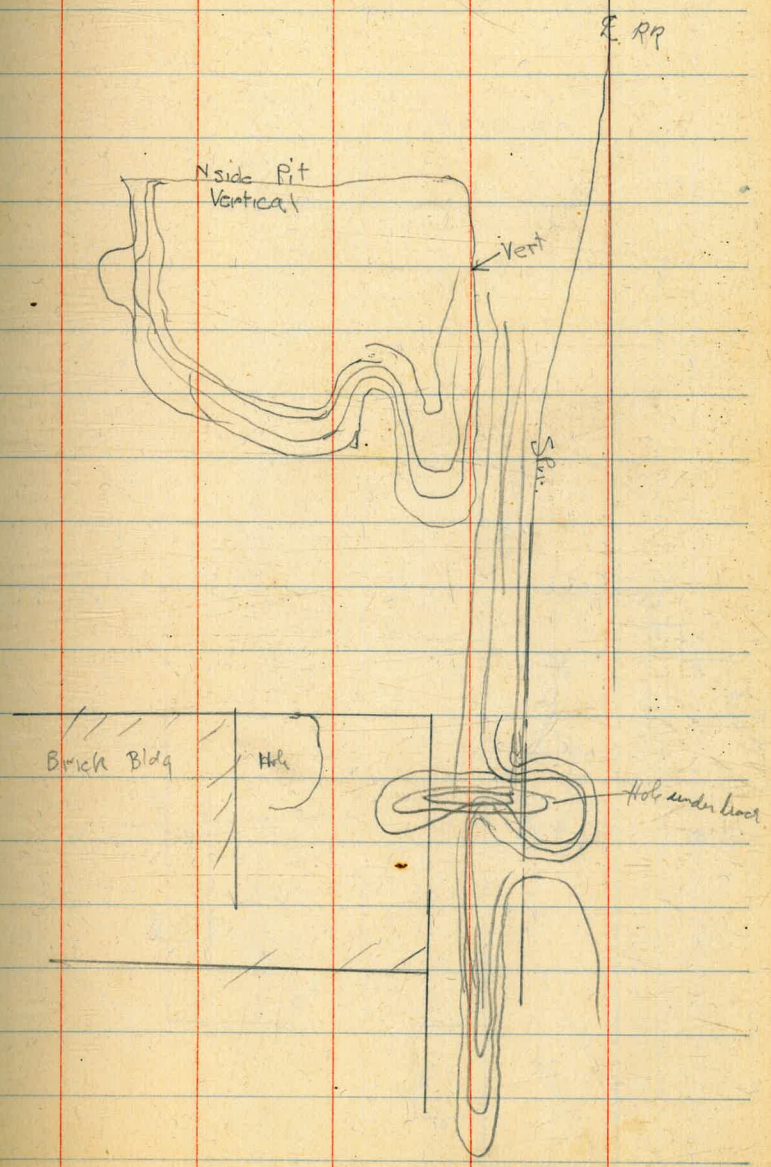
| Sta # 5 | | H.I. | - | Elev | Sta # 3 | | 18.04 | |
|---------|-------|-------|-----|------|---------|----------------------------|---------------|------|
| 29 | Berm | 13.04 | 2.8 | 10.2 | 32 | 200 | 8.8 | 4.2 |
| " | 00 | | 4.7 | 8.3 | " | 150 | 8.6 | 4.4 |
| " | 50 W | | 5.6 | 7.4 | " | 100 | 8.0 | 5.0 |
| " | 100 " | | 6.9 | 6.1 | " | 50*Back of House | 7.3 | 5.7 |
| " | 150 " | | 7.9 | 5.1 | " | 00 | 4.3 | 8.7 |
| " | 200 " | | 8.9 | 4.1 | " | Berm | 3.9 | 9.1 |
| 30 | " | | 8.7 | 4.3 | 33 | " | 4.4 | 8.6 |
| " | 150 | | 8.2 | 4.8 | " | 00 | 4.8 | 8.2 |
| " | 100 | | 7.4 | 5.6 | | Bottom of Cor Iron on Bldg | 5.0 | 8.0 |
| " | 50 | | 6.2 | 6.8 | " | 50 | 5.2 | 7.8 |
| " | 00 | | 3.8 | 9.2 | " | 100 | 7.0 | 6.0 |
| " | Berm | | 3.3 | 9.7 | " | 150 | 8.6 | 4.4 |
| 31 | " | | 3.6 | 9.4 | " | 200 | 8.9 | 4.1 |
| " | 00 | | 4.1 | 8.9 | | | | |
| " | 50' W | | 6.7 | 6.3 | BM | +5.75 | H.I. 12.14 | 6.39 |
| " | 100 " | | 8.2 | 4.8 | 270 | 250 | 7.7 | 4.4 |
| " | 150 " | | 8.4 | 4.6 | 28 | " | 7.7 | 4.4 |
| " | 200 " | | 8.8 | 4.2 | 29 | " | 7.7 | 4.4 |
| | | | | | 30 | " | 7.9 | 4.2 |

| Sta. S | W | 12.14 | | Sta # 3 | 'W | 12.14 | |
|--------|------|-------|---------|---------|------|-------|---------|
| 31 | 250 | | 7.8 4.3 | 31 | 400' | | 6.5 5.6 |
| 32 | " | | 7.8 4.3 | 30 | " | | 6.5 5.6 |
| 33 | " | | 7.8 4.3 | 29 | " | | 6.5 5.6 |
| 33 | 300 | | 7.4 4.7 | 28 | " | | 6.7 5.4 |
| 32 | " | | 7.5 4.6 | 27 | " | | 6.8 5.3 |
| 31 | " | | 7.4 4.7 | 27 | 450' | | 6.0 6.1 |
| 30 | " | | 7.3 4.8 | 28 | " | | 6.0 6.1 |
| 29 | " | | 7.2 4.9 | 29 | " | | 6.2 5.9 |
| 28 | " | | 7.1 5.0 | 30 | " | | 5.8 6.3 |
| 27 | " | | 7.2 4.9 | 31 | " | | 5.7 6.4 |
| 27 | 350 | | 7.2 4.9 | 32 | " | | 5.8 6.3 |
| 28 | " | | 7.1 5.0 | 33 | " | | 6.0 6.2 |
| 29 | " | | 7.0 5.1 | 33 | 500 | | 4.9 7.2 |
| 30 | " | | 6.9 5.2 | 32 | " | | 5.2 6.9 |
| 31 | " | | 7.1 5.0 | 31 | " | | 5.0 7.1 |
| 32 | " | | 7.1 5.0 | 30 | " | | 4.6 7.5 |
| 33 | " | | 7.1 5.0 | 29 | " | | 5.4 6.7 |
| 33 | 4.00 | | 6.5 5.6 | 28 | " | | 5.3 6.8 |
| 32 | " | | 6.5 5.6 | 27 | " | | 5.3 6.8 |

| Sta # | W | 12.14 | |
|-------|------|-------|-----|
| 27 | 550' | 5.5 | 6.6 |
| 28 | " | 5.3 | 6.8 |
| 29 | " | 5.0 | 7.1 |
| 30 | " | 4.2 | 7.9 |
| 31 | " | 4.0 | 8.1 |
| 32 | " | 4.3 | 7.8 |
| 33 | " | 4.6 | 7.5 |
| 33 | 600' | 4.1 | 8.0 |
| 32 | " | 3.8 | 8.3 |
| 31 | " | 4.4 | 7.7 |
| 30 | " | 4.5 | 7.6 |
| 29 | " | 5.0 | 7.1 |
| 28 | " | 4.8 | 7.3 |
| 27 | " | 4.4 | 7.7 |
| 27 | 650' | 4.9 | 7.2 |
| 28 | " | 4.9 | 7.2 |
| 29 | " | 4.9 | 7.2 |
| 30 | " | 4.4 | 7.7 |
| 31 | " | 4.2 | 7.9 |

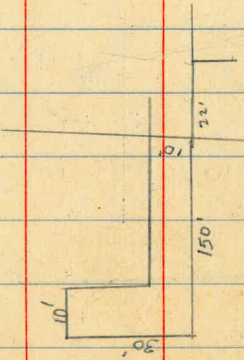
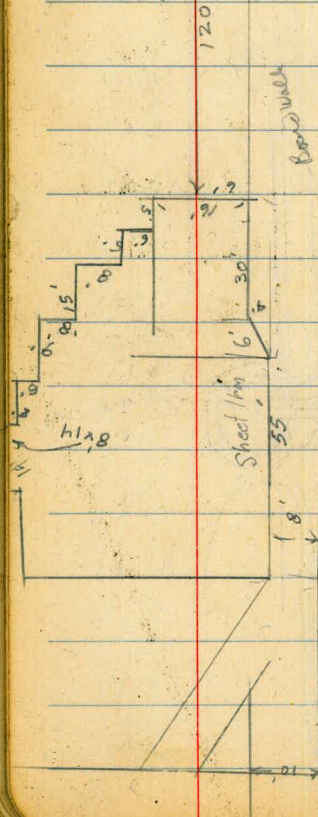
| Sta # | W | 12.14 | |
|-------|-----|-------|-----|
| 32 | 650 | 4.5 | 7.6 |
| 33 | " | 5.0 | 7.1 |
| 33 | 700 | 4.4 | 7.7 |
| 32 | " | 4.5 | 7.6 |
| 31 | " | 5.0 | 7.1 |
| 30 | " | 5.3 | 6.8 |
| 29 | " | 4.2 | 7.9 |
| 28 | " | 3.7 | 8.5 |
| 27 | " | 5.6 | 6.5 |
| 27 | 750 | 5.5 | 6.6 |
| 28 | 750 | 4.1 | 8.0 |
| 29 | " | 4.7 | 7.4 |
| 30 | " | 5.5 | 6.6 |
| 31 | " | 5.3 | 6.8 |
| 32 | " | 5.6 | 6.5 |
| 33 | " | 5.4 | 6.7 |
| 33 | 800 | 5.9 | 6.2 |
| 32 | " | 5.9 | 6.2 |
| 31 | " | 6.0 | 6.1 |

| Sta | S | W | | |
|-----|---|----------|-------|------|
| | | | 12.14 | |
| 30 | | 800 | 6.1 | 6.0 |
| 29 | | " | 5.7 | 6.4 |
| 28 | | " | 5.4 | 6.7 |
| 27 | | " | 5.2 | 6.9 |
| 27 | | Bulkhead | 7.88 | 4.26 |



Robbins

Atlantic St



12/13/20

Fill stakes Dyke N.L. GRAPE

5-V

| | 11.57 | 18.90 | 7.33 | Top H/d. HT. & GRAPE | FILL STAKES ON BELT ST. | | |
|-----------|-------|-------------------------------|------|-------------------------|-------------------------|-------------------------------|-------|
| Sta 17+76 | | | | | 429.45 | | |
| Base | | GRADE | 17.5 | ST 13 N 500W | | 8.7 | F 3.2 |
| 50' W | | | 15.8 | 15 | | 9.0 | F 2.8 |
| 100' W | | | 14.2 | F 2.1 | 17 | 7.3 | F 2.4 |
| | | 12.50 6.40 3.00 9.45 | | | | 4.70 4.75 4.00 10.79 | |
| 200' W | | | 11.0 | F 5.4 | 19 | 7.0 | F 3.0 |
| | | | | | 21 - 495 W | 6.3 | 1.4 |
| 300' W | | | 8.2 | F 3.1 | 23 - 490 W | 6.8 | 2.0 |
| | | | | | 25 - 475 | 6.4 | 2.0 |
| 400' W | | | 7.7 | F 3.0 | 27 | 5.9 | F 0.4 |
| | | | | | 29 | 5.8 | 0.0 |
| 500' W | | | 7.3 | F 1.8 | 31 | 5.7 | F 0.6 |
| | | | | | 33 | 5.6 | 0.0 |
| | | | | | | 4.34 8.44 2.32 10.76 | |
| | | | | 34 + 40 | | 6.0 | F 0.5 |
| | | | | | SW cor Fence Saito Rest | | F 0.9 |
| | | | | | SE | | F 4.0 |
| | | | | | NE | | F 3.5 |
| | | | | | NW | | F 0.8 |

Belt ST Continued

Fill stakes around Hiatt's pit

| | 10.76 | | | 2.10 | 15.27 | grade | 17.09 | 3rd ST found |
|----------------------|------------------------------------|-------|-------|-----------------|---|-------|-------|--------------|
| 131' N. of Juniper | | Grade | | | | | 13.17 | 2' cut |
| St 37 475' West Base | | 6.4 | F0.7 | St 48+00 Base | | 13.0 | | F0.8 |
| ✓ 39 | | 6.2 | F0.7 | ✓ 100' W | | 11.8 | | F1.0 |
| ✓ 41 | | 6.0 | F1.0 | ✓ 47+15 135' W | | 11.2 | | F0.8 |
| ✓ 43 | | 5.8 | F1.6 | ✓ 45 100' W | | 10.7 | | F1.3 |
| ✓ 44+03 | | 5.6 | F2.0 | ✓ 43 | | 10.8 | | F2.5 |
| ✓ 44+03 600' W | $\frac{6.07}{2.69} = 2.25$ 8.76 | 5.3 | C.0.5 | ✓ 42+20 100' W | $\frac{5.67}{2.60} = 2.18$ 4.57 17.47 | 12.1 | | F2.5 |
| ✓ 700' | | 5.1 | C1.3 | ✓ 42+20 (50' W) | | 13.1 | | F3.0 |
| ✓ 900' | | 4.1 | 0.0 | | | | | |

12/23/70

Fill around Baldwin Oil Tanks

3.69 21.23 17.54 N.Y. Co. & Hwy

Sta 17+30 - 10' W of Base Grade 17.1 0.0

✓ 100 - - - 14.6 10.7 6.6 F.H. ✓

✓ 200 - - - $\frac{12.65}{8.58}$ 12.1 11.1 1.0 F.H. ✓
 $\frac{6.43}{15.01}$

New Grade of Hydrant 3 E. Atlantic & Hawthorn 11.5

Old " " Collar " " To be raised $\frac{6.1}{5.4}$

$\frac{9.50}{5.51}$
 $\frac{8.68}{14.14}$

✓ 15+30 - 200' W of Base 12.4 -0.7

✓ " " 100 - - - 14.9 $\frac{10.5}{8.4}$

Collar of Hydrant 3 E. Atlantic & Hwy raised 4.7

✓ " " " " " " Juniper - 5.5

✓ " " " " " " Bell & Laurel 4.4

| | | | |
|------|-------|------|------------------------|
| 4.36 | 12.84 | 8.48 | Fire plug NE corner |
| ✓ | ✓ | 6.75 | |
| ✓ | ✓ | 6.14 | |
| ✓ | ✓ | 8.0 | |
| ✓ | ✓ | 4.84 | |
| ✓ | ✓ | 8.5 | |
| ✓ | ✓ | 4.34 | |
| ✓ | ✓ | 6.8 | |
| ✓ | ✓ | 6.0 | |
| ✓ | ✓ | 6.5 | |
| ✓ | ✓ | 6.34 | |
| ✓ | ✓ | 7.8 | ← Markers |
| ✓ | ✓ | 5.0 | |
| | | 8.3 | |
| | | 4.54 | |

✓ ✓ 34 N 300' W
 ✓ ✓ 33 N ✓ ✓
 ✓ ✓ ✓ 400 ✓
 ✓ ✓ 34 N 400 ✓
 ✓ ✓ 35 ✓ 300 ✓
 ✓ ✓ 36 ✓ ✓

1340

Levels & Bay Side Lane ✓

| | | |
|---------------|-----|-----|
| Alley Blk 171 | 5.5 | 7.9 |
| 30' ✓ | 5.6 | 7.8 |
| 30' ✓ | 3.9 | 9.5 |
| 60' ✓ | 5.8 | 7.6 |
| 100' ✓ | 5.3 | 8.1 |
| 150' ✓ | 5.8 | 7.6 |
| 200' ✓ | 4.8 | 8.6 |

Levels & Alley Blk 176 ✓

| | | |
|-----------------------------|------|-------------------------------------|
| E.L. Mission | 4.2 | 9.2 |
| T.P. | 8.27 | 17.69 |
| | 3.98 | 9.42 -2.58 |
| 50' E | 7.3 | 10.4 |
| 100' ✓ | 8.8 | 8.9 |
| 200' ✓ | 9.0 | 8.7 |
| 274' ✓ = d of Bay Side Lane | 9.4 | 8.3 |

Levels & Alley Blk 175

| | | |
|--------------|-----|------|
| W.L. Mission | 8.5 | 9.2 |
| 50' W | 9.0 | 8.7 |
| 100' W | 6.7 | 11.0 |
| 160' ✓ | 3.3 | 14.4 |

58

190.72 W & Strand Way 17.69 0.5 17.2 = Graded St.

Levels & Strand Way

| | | |
|-------------------------|-----|------|
| Alley Blk 175 | 0.5 | 17.2 |
| 100' S | 1.1 | 16.6 |
| 150' S | 0.8 | 16.9 |
| 160' ✓ | 0.0 | 17.7 |
| 204.34' d Alley Blk 172 | 4.6 | 15.1 |

Levels & Alley Blk 172

| | | |
|------------------------|-----|------|
| d Strand Way | 4.6 | 15.1 |
| 50' E | 3.3 | 14.4 |
| 100' ✓ | 7.3 | 10.4 |
| 174.50' = W.L. Mission | 8.3 | 9.4 |

Levels & Strand Way (again)

| | | |
|---------------|-----|------|
| Alley Blk 172 | 4.6 | 15.1 |
| 50' S | 1.5 | 16.2 |
| 100' ✓ | 3.2 | 14.5 |
| 145' ✓ | 4.6 | 15.1 |

188.57' = d Alley Blk 167 4.9 14.8

Levels & Blk 167 ✓

| | | |
|--------------|-----|------|
| d Strand Way | 4.9 | 14.8 |
|--------------|-----|------|

| | | | |
|-------------------------|-----|------|---|
| 50' E | 3.3 | 14.4 | |
| 90' - | 6.8 | 10.9 | |
| 125' - | 9.0 | 8.7 | ✓ |
| 145' - | 7.3 | 10.4 | |
| 153.75 - W.L. Mission | 8.1 | 9.6 | |
| Levels & Strand Way | | | |
| ↳ Alley Bk 167 | 4.9 | 14.8 | |
| 50' S | 4.5 | 15.2 | |
| 100' - | 4.2 | 13.5 | ✓ |
| 150' - | 2.7 | 15.0 | |
| 188.70 - ↳ Alley Bk 164 | 3.0 | 14.7 | |
| Levels & Alley Bk 164 ✓ | | | |
| ↳ Strand Way | 3.0 | 14.7 | |
| 50' E | 2.5 | 15.2 | |
| 100' - | 8.2 | 9.5 | |
| 134.58 W.L. Mission | 8.1 | 9.6 | |
| Levels & Strand Way | | | |
| ↳ Alley Bk 164 | 3.0 | 14.7 | |
| 50' S | 1.9 | 15.8 | ✓ |
| 100' - | 3.7 | 14.0 | |

| | | | |
|-------------------------|-----|------|---|
| 150' S | 3.0 | 14.7 | ✓ |
| 187.88 - ↳ Alley Bk 159 | 1.0 | 16.7 | |
| Levels & Alley Bk 159 ✓ | | | |
| ↳ Strand Way | 1.0 | 16.7 | |
| 20' E | 3.8 | 13.9 | |
| 45' - | 2.6 | 15.1 | ✓ |
| 100' - | 7.3 | 10.4 | |
| 115.45 - W.L. Mission | 7.9 | 9.8 | |

5/23/22 Gregory CROSS SECTION OF Nicatt's Pit
 Moore Laurel St and California
 Miller
 Shaw. Stations shown refer to data
 taken in 1920 on page 1 et seq. this book

Section on Sta 45+35

| | | | | |
|--------------------|------|--------------------|-------|---|
| 22.5 W. of W. rail | 1.86 | 15.03 ^v | 13.17 | spn in pole 54 Laurel shown on ps |
| Base Line | | | 3.3 | 11.7 |
| 8' W | | | 3.1 | 11.9 |
| 20' W | | | 3.1 | 9.1 |
| 60' W | | | 7.9 | 7.1 |
| 90' W | | | 5.8 | 9.2 |
| 100' ✓ | | | 5.8 | 9.2 |
| 115' ✓ | | | 6.1 | 8.9 |
| 125' ✓ | | | 13.6 | 1.4 |
| 150' ✓ | | | 13.6 | 1.4 |
| 163' ✓ | | | 9.9 | 5.1 |

Sta 45+40

| | | |
|----------------|------|-----|
| 160' W of Base | 10.3 | 4.7 |
| 150' ✓ ✓ ✓ | 13.3 | 1.7 |
| 125' ✓ ✓ ✓ | 13.4 | 1.6 |
| 115' ✓ ✓ ✓ | 5.5 | 9.5 |
| 100' ✓ ✓ ✓ | 6.2 | 8.8 |
| 75' ✓ ✓ ✓ | 11.0 | 4.0 |

60' W of Base

| | | |
|--------------------|------|--------|
| 60' W of Base | 9.0 | 6.0 |
| 25' - - - | 7.4 | 7.6 |
| 15' - - - | 3.8 | 11.2 |
| Base Line | 3.7 | 11.3 |
| Sta 46+00 | | |
| 10' E of Base Line | 4.0 | 11.0 ✓ |
| Base Line | 5.4 | 9.6 |
| 10' W | 9.5 | 5.5 |
| 50' - | 13.1 | 1.9 |
| 80' - | 14.1 | 0.9 |
| 100' ✓ | 14.3 | 0.7 |
| 125' ✓ | 13.1 | 1.9 |
| 160' - | 10.1 | 4.9 |

46+15

| | | |
|----------------|------|------|
| 160 W. of Base | 10.0 | 5.0 |
| 140' - - - | 13.0 | 2.0 |
| 100' - - - | 14.6 | 0.4 |
| 40' - - - | 13.9 | 1.1 |
| 25' - - - | 12.2 | 2.8 |
| Base Line | 6.3 | 8.7 |
| 10' E of ✓ | 3.9 | 11.1 |

Sample #3
 Taken Here.

Sta. 46+30

10' E of Base Line 3.3 11.7

Base Line 7.8 7.2

20' W 10.4 4.6

40' ✓ 13.3 1.7

100' ✓ 14.6 0.4 ✓

130' ✓ 13.4 1.6

143' ✓ 8.5 6.5

145' - 6.2 8.8

46+40

141' W. of Base 5.1 9.9

130' - - 10.6 4.4

120' - - 13.4 1.6

100' - - 14.5 0.5

40' - - 12.6 2.4

15' - - 10.2 4.8

Base Line 7.1 7.9

10' E. of - - 3.1 11.9

46+48

10' E of Base Line 1.5 13.5

Base Line 4.0 11.0

20' W. of Base 10.0 5.0

50' - - 11.3 3.7

100' - - 11.6 3.4

118' - - 10.1 4.9

127' - - 4.4 10.6

47+04

127' W. of Base 5.0 10.0

100' - - 5.3 9.7

86' - - 5.4 9.6

75' - - 9.1 5.9

50' - - 9.1 5.9

30' - - 8.8 6.2

20' - - 6.2 8.8

15' - - 1.0 14.0

Base

45' E. of - 1.2 13.8

47+07

Base

0.6 14.4

25' W 1.8 13.2

50' ✓ 3.3 11.7

sample #7
taken here

15.03

| | | | |
|-----------------|-------|------|---|
| 75' W | 41 | 10.9 | |
| 100' ✓ | 5.1 | 9.9 | ✓ |
| 130' - | 7.3 | 7.7 | |
| | 47+14 | | |
| 130' W. of Base | 87 | 6.3 | |
| 120' - - - | 10.0 | 5.0 | |
| 100' - - - | 6.3 | 8.7 | |
| 90' - - - | 4.4 | 10.6 | |
| 75' - - - | 5.2 | 9.8 | |
| 50' - - - | 3.2 | 11.8 | |
| 25' - - - | 2.5 | 12.5 | |
| Base | 0.8 | 14.2 | |
| | 47+21 | | |
| Base | 1.8 | 13.2 | |
| 8' W | 3.3 | 11.7 | |
| 75' ✓ | 8.5 | 6.5 | |
| 50' ✓ | 9.5 | 5.5 | ✓ |
| 75' ✓ | 9.0 | 6.0 | |
| 100' ✓ | 11.0 | 4.0 | |
| 120' ✓ | 11.4 | 3.6 | |

62

| | | | |
|----------------|--------|------|-------------|
| 130' W | 9.0 | 6.0 | ✓ |
| | 47+2.6 | | |
| 150' W | 6.8 | 8.2 | → Sample #2 |
| 130' W | 9.0 | 6.0 | Taken here |
| 120' ✓ | 10.6 | 4.4 | |
| 100' ✓ | 11.2 | 3.8 | |
| 50' ✓ | 11.2 | 3.8 | ✓ |
| 22' - | 8.8 | 6.2 | |
| 10' - | 3.8 | 11.2 | |
| Base | 2.5 | 12.5 | |
| | 47+38 | | |
| Base | 3.6 | 11.5 | |
| 20' W | 8.1 | 6.9 | |
| 50' ✓ | 10.8 | 4.2 | |
| 75' ✓ | 10.0 | 5.0 | ✓ |
| 100' - | 8.8 | 6.2 | |
| 130' ✓ | 8.2 | 6.8 | |
| | 47+47 | | |
| 130' W of Base | 7.7 | 7.3 | |
| 115' - | 7.6 | 7.4 | |
| 100' - | 5.7 | 9.6 | |

| | | | |
|-----------|---------|------|------|
| 75' W | 15.3 | 5.4 | 9.6 |
| 50' ✓ | | 4.6 | 10.4 |
| 25' ✓ | | 2.8 | 12.2 |
| 10' ✓ | | 2.5 | 12.5 |
| Base Line | | 3.0 | 12.0 |
| | 48+04.0 | | |
| Base Line | | 4.5 | 10.5 |
| 75' W | | 10.2 | 4.8 |
| 50' ✓ | | 12.2 | 2.8 |
| 75' ✓ | | 12.6 | 2.4 |
| 100' ✓ | | 12.4 | 2.6 |
| 115' ✓ | | 11.6 | 3.4 |
| 130' ✓ | | 7.8 | 7.2 |
| | 48+15 | | |
| 130' ✓ | ok Base | 6.5 | 8.5 |
| 100' ✓ | | 11.3 | 3.7 |
| 75' ✓ | | 12.4 | 2.6 |
| 50' ✓ | | 12.0 | 3.0 |
| 25' ✓ | | 10.5 | 4.5 |
| 10' ✓ | | 8.5 | 6.5 |

| | | |
|---------------|-------|------|
| 7' W | 57 | 9.3 |
| Base Line | 4.1 | 10.9 |
| | 48+20 | |
| Base Line | 4.0 | 11.0 |
| 5' W | 5.0 | 10.0 |
| 10' ✓ | 9.6 | 5.4 |
| 25' ✓ | 11.2 | 3.8 |
| 40' ✓ | 11.0 | 4.0 |
| 45' ✓ | 6.0 | 9.0 |
| 75' ✓ | 6.8 | 8.2 |
| 100' ✓ | 5.7 | 9.3 |
| 130' ✓ | 6.5 | 8.5 |
| | 48+30 | |
| 40' W ok Base | 7.1 | 7.9 |
| 33' ✓ | 11.7 | 3.3 |
| 13' ✓ | 10.5 | 4.5 |
| 8' ✓ | 8.5 | 6.5 |
| 4' ✓ | 5.0 | 10.0 |
| Base Line | 4.2 | 10.8 |

1583

48+45

| | | | |
|-----------|-----|------|---|
| Base Line | 2.9 | 12.1 | |
| 5' W | 4.0 | 11.0 | |
| 6' " | 4.9 | 10.1 | ✓ |
| 15' " | 8.0 | 7.0 | |
| 27' " | 9.2 | 5.8 | |
| 32' " | 7.4 | 7.6 | |

48+50 = N. end of Pit.

| | | | |
|-----------|-------|------|------|
| 30' W | 6.6 | 8.4 | |
| Base Line | 3.0 | 12.0 | ✓ |
| T.P. 457 | 11.10 | 8.50 | 6.53 |

Sections on S. Leg of S. Pit.

Sta 45+15

| | | | |
|----------------|------|-----|---|
| 153' W of Base | 6.0 | 5.1 | |
| 143' ✓ ✓ ✓ | 10.0 | 1.1 | ✓ |
| 119' ✓ ✓ ✓ | 10.0 | 1.1 | |
| 110' ✓ ✓ ✓ | 4.5 | 6.6 | |

Sta 44+40

| | | | |
|-----------------|------|-----|--|
| 109' N. of Base | 11.0 | 9.1 | |
| 109' ✓ ✓ | 4.6 | 6.5 | |

11.10

64

| | | | |
|----------------|------|-----|---|
| 118' W of Base | 9.5 | 16 | |
| 179' ✓ ✓ ✓ | 10.0 | 1.1 | |
| 137' ✓ ✓ ✓ | 9.7 | 14 | ✓ |
| 149' ✓ - - | 4.8 | 8.3 | |

Sta 44+00

| | | | |
|-----------------|-----|-----|---|
| 160' W. of Base | 3.2 | 7.9 | |
| 137' - - ✓ | 6.4 | 4.7 | |
| 133' - - - | 8.7 | 2.4 | ✓ |
| 121' - - - | 8.5 | 2.6 | |
| 115' - - - | 2.9 | 8.2 | |

Sta 43+05

| | | | |
|-----------------|-----|-----|---|
| 115' W. of Base | 1.9 | 9.2 | |
| 133' ✓ - - | 5.5 | 5.6 | ✓ |
| 155' - - - | 3.1 | 8.0 | |

Sta 43+00 = S. End

| | | | |
|-----------------|-----|-----|---|
| 155' W. of Base | 2.2 | 8.9 | |
| 153' ✓ - - | 3.2 | 7.9 | ✓ |
| 115' - - - | 2.1 | 9.0 | |

9/8/22
Gregory
Ellis
Shaw

Cross Section of Alley
Bk 205 Univ Heights
bet Kansas + Utah
University to Lincoln

357⁶

150' N

3.15

357.58

354.43

spt NE Kansas
+ Vail

E

3.7

53.9

H.L. University

E

5.45

52.13

on pavement

C

3.9

53.7

C

5.83

51.75

W

3.8

53.8

W

5.60

51.98

186' N = center double garage

25' N

1.5' W. of W.L. = edge apron

3.25

54.33 on cement

W

4.7

52.9

200' N

C

4.9

52.7

W

3.3

54.3

E

5.0

52.6

C

3.3

54.3

50' N

E

3.1

54.5

E

5.0

52.6

228' N = center double garage

C

4.8

52.8

3' W of W.L. = front of garage

2.4

55.2 dirt floor

W

4.8

52.8

250' N

100' N

E

2.3

55.3

W

4.4

53.2

C

4.5

55.1

C

4.4

53.2

W

4.5

55.1

E

4.4

53.2

T.P.

980

365.16

N.W.W

355.36

136' N

274' N

E - 1 = front of garage

3.5

354.1

on cement floor

W = front of garage

9.40

355.76

on cement floor

365.16

286' N

W = front of garage 9.25 355.91 cement floor

300' N

W 9.5 55.7

C 9.2 56.0

E 8.8 56.4

322' N

W = front of garage 8.9 56.3 dirt floor

333' N

E = edge. cement apron 8.3 56.9

350' N

E 8.3 56.9

C 8.5 56.7

W 8.6 56.6

400' N

W 7.9 57.3

C 7.7 57.5

E 7.6 57.6

365.16

67

450' N

E 6.3 58.9

C 6.3 58.9

W 6.6 58.6

470' N = center garage

W = front of garage 5.8 59.4 dirt floor

500' N

W 4.7 360.5

C 4.8 360.0

E 5.1 60.1

550' N 3.96 361.70 on nails

0.88 364.78 - state @ 550

553' N

E 4.7 67.5

C 4.8 67.4

W = front of garage 3.0 67.7 dirt floor

No curb returns on Lincoln 600' N = 5L Lincoln

W 4.4 67.6

C 4.1 68.1

E 4.4 68.0

80' Street
20' walks
10' 4s

X Section Fern St Bet S. Line Ash & N. Line A St

Curbs & walk all in on West

10/7/22

Miller
Sept
Walbruck

235.48

68

Returns in at A and Ash on East

Estimate Book 8-241

B.M. N.W. Fern & Ash

2.47

235.48

233.01

1/4

3.3

232.2 ✓

So. Line Ash

C

2.8

232.7 ✓

W.Cb.

2.47

233.01 ✓

+4

2.4

233.1 ✓

Gutter

2.8

232.7 ✓

E

2.2

233.3 ✓

1/4

2.3

233.2 ✓

E

2.8

232.7 ✓

E

2.3

233.2 ✓

C

3.4

232.1 ✓

1/4

2.2

233.3 ✓

1/4

4.1

231.4 ✓

Gutter

2.9

232.6 ✓

E

4.4

231.1 ✓

C

1.50

233.98 ✓

1/4

4.0

231.5 ✓

E

1.2

234.3 ✓

Gut

4.7

230.8 ✓

E

50' S

1.2

234.3 ✓

C

4.51

230.97 ✓

+15

1.5

234.0 ✓

200 S

W.Cb.

5.22

230.26 ✓

C

2.1

233.4 ✓

Gut

5.6

229.9 ✓

1/4

2.5

233.0 ✓

1/4

5.0

230.5 ✓

E

2.9

232.6 ✓

E

5.3

230.2 ✓

1/4

2.7

232.8 ✓

1/4

4.9

230.7 ✓

W.Cb.

3.14

232.34 ✓

C

4.4

231.1 ✓

100 S

W.Cb.

3.85

231.63 ✓

E

4.0

231.5 ✓

1/4

3.5

232.0 ✓

E

3.7

231.8 ✓

235.48

250'S

| | | |
|--------|------|----------|
| E | 5.0 | 230.5 ✓ |
| C | 5.1 | 230.4 ✓ |
| 1/4 | 5.8 | 229.7 ✓ |
| E | 4.1 | 229.4 ✓ |
| 1/4 | 5.8 | 229.7 ✓ |
| Gutter | 6.2 | 229.3 ✓ |
| W.Cb. | 5.88 | 229.60 ✓ |
| W.Pb. | 6.60 | 228.88 ✓ |
| 1/4 | 6.3 | 229.2 ✓ |
| E | 6.4 | 229.1 ✓ |
| 1/4 | 6.5 | 229.0 ✓ |
| C | 6.2 | 229.3 ✓ |
| E | 5.8 | 229.7 ✓ |
| E | 6.4 | 229.1 ✓ |
| C | 6.7 | 228.8 ✓ |
| 1/4 | 6.7 | 228.8 ✓ |
| E | 6.7 | 228.8 ✓ |
| 1/4 | 6.3 | 229.2 ✓ |
| W.Cb. | 7.04 | 228.44 ✓ |

235.48

69

| | | | |
|--------|------|-----------------|-------------|
| W.Pb | 7.59 | chk 227.89 ✓ | Grade 227.9 |
| Gutter | 7.9 | 227.6 ✓ | |
| 1/4 | 7.6 | 227.9 ✓ | |
| E | 7.5 | 228.0 ✓ | |
| 1/4 | 7.5 | 228.0 ✓ | |
| C | 7.2 | 229.3 ✓ | |
| r10 | 6.9 | 229.6 ✓ | |
| E | 7.5 | 228.0 ✓ | |

80' Street
20' Walks
10' 1/4 S

X Sec. Bancroft From N Line Ivy to S Line Juniper
Sidewalk in on E side
Spaced 2' From Prop 5'-4" Wide

0/7/22
miller
Sights
Vial break

296.85

70

| B.M. N.E. Cor Walk Ivy + Bancroft | 9.91 | 296.85 | 286.94 | | | | | |
|--------------------------------------|-------|-------------|----------|-------|--------|------|----------|--------------|
| | | N. Line Ivy | | +12.7 | | 7.47 | 289.38 ✓ | W. edge walk |
| E | | 9.3 | 287.6 ✓ | E | | 7.4 | 289.5 ✓ | |
| +7.3 | | 9.35 | 287.50 ✓ | +7.3 | | 5.6 | 291.3 ✓ | |
| E | | 10.1 | 286.8 ✓ | E | | 5.75 | 291.10 | W. edge walk |
| +1 | | 11.2 | 285.7 ✓ | +1 | | 6.1 | 290.8 ✓ | |
| 1/4 | | 10.9 | 286.0 ✓ | 1/4 | | 6.6 | 290.3 ✓ | |
| 1/4 | | 10.9 | 286.0 ✓ | 1/4 | | 6.4 | 290.5 ✓ | |
| 1/4 | | 11.1 | 285.8 ✓ | 1/4 | | 6.5 | 290.4 ✓ | |
| E | | 12.1 | 284.5 ✓ | +8 | | 7.1 | 289.8 ✓ | |
| +5 | | 11.6 | 285.3 ✓ | E | | 7.6 | 289.3 ✓ | |
| W | | 12.6 | 284.3 ✓ | W | | 7.0 | 289.9 ✓ | |
| W | 50' N | 9.5 | 287.4 ✓ | W | | 6.8 | 290.1 ✓ | |
| +17 | | 9.3 | 287.6 ✓ | W | 150' N | 5.3 | 291.6 ✓ | |
| E | | 10.0 | 286.9 ✓ | E | | 5.4 | 291.5 ✓ | |
| 1/4 | | 8.9 | 288.0 ✓ | +2 | | 5.9 | 291.0 ✓ | |
| 1/4 | | 8.7 | 288.2 ✓ | 1/4 | | 5.6 | 291.3 ✓ | |
| 1/4 | | 8.2 | 288.7 ✓ | 1/4 | | 4.9 | 292.0 ✓ | |
| +9 | | 8.1 | 288.8 ✓ | +9 | | 5.1 | 291.8 ✓ | |
| E | | 7.8 | 289.1 ✓ | +9 | | 5.3 | 291.6 ✓ | |
| | | | | E | | 4.9 | 292.0 ✓ | |
| | | | | +12.7 | | 4.74 | 292.11 ✓ | W. edge walk |
| | | | | E | | 4.6 | 292.3 ✓ | |

296.85
200'N

| | | | |
|-------|------|----------|------------|
| E | 3.7 | 293.2 ✓ | |
| +7.3 | 3.75 | 293.10 ✓ | W.edgewalk |
| E | 4.0 | 292.9 ✓ | |
| +1 | 4.5 | 294.4 ✓ | |
| 1/4 | 4.1 | 294.8 ✓ | |
| E | 4.0 | 294.9 ✓ | |
| 1/4 | 4.6 | 294.2 ✓ | |
| +9 | 5.0 | 291.9 ✓ | |
| E | 4.4 | 294.5 ✓ | |
| W | 4.2 | 294.7 ✓ | |
| W | 3.1 | 293.8 ✓ | |
| +14 | 2.9 | 294.0 ✓ | |
| E | 4.2 | 294.7 ✓ | |
| 1/4 | 3.7 | 293.4 ✓ | |
| E | 3.4 | 293.5 ✓ | |
| 1/4 | 3.6 | 293.3 ✓ | |
| +9 | 3.9 | 293.0 ✓ | |
| E | 3.4 | 293.5 ✓ | |
| +12.7 | 3.35 | 293.00 ✓ | W.edgewalk |
| E | 3.3 | 293.6 ✓ | |

296.85
300'N = S. Line Juniper

71

| | | | |
|------|------|----------|------------|
| E | 3.0 | 293.9 ✓ | |
| +7.3 | 3.11 | 293.74 ✓ | W.edgewalk |
| E | 3.2 | 293.7 ✓ | |
| +1 | 3.5 | 293.4 ✓ | |
| 1/4 | 3.1 | 293.8 ✓ | |
| E | 2.9 | 294.0 ✓ | |
| 1/4 | 2.9 | 294.0 ✓ | |
| +9 | 3.3 | 293.6 ✓ | |
| E | 2.8 | 294.1 ✓ | |
| +8 | 2.0 | 294.9 ✓ | |
| W | 2.2 | 294.7 ✓ | |

Note: for sections North see 909 Page 47:

10/31/22
Gregory

Levels on Existing Sewer & of
Arbor from M.H. center of Randolph
West

833
58
871

72

3.68 282.69

279.01

BM BP

SE Arbor
& Palmation

M.H. & of Randolph + Arbor Drive

11.63

271.06

= Flow Line

142' W of M.H.

8.91

273.78

Flow Line
= ex 6" C.P.

Data on Heatt's Pit
Foot of Laurel St.

Inspected on June 8th 1923

4 P.M. Observations

2 pools water in Laurel St pit

1 " " " Heatt's pit

damp on bottom of " "

0.14 13.31

13.17 spt in pole

Top of water in all pits 14.6 - 1.29

" 6" deep on bottom.

E. Edge of Laurel St pit is 35' W. of E. of Santa Fe at S. E. of Laurel.

E. Edge of above pit is 40' from d of Track at N. end of pit which is 20' N. of N.E. of Laurel.

Inspected June 28th 1923

9 A.M. Observations.

2 pools in Laurel St pit

2 " " Heatt's pit

Top of water - 1.14

Bottom Laurel St pit is a bog, sank into sand up to shoe tops.

Hauling sand by wheel scraper from N.E. corner of Heatt's pit. Sand is being sacked. Taking from bottom of East End of Heatt's pit

Division wall bet. H - and L - St pit gone. down to Elev. + 0.90 which is average elev. of remainder of pits, except where water stands

Area of pits same as on June 8th

Water samples taken today.

Sample #1 from Laurel St pit

" #2 " Heatt's "

" #3 " Bay.

Inspected JULY 19th 1923

Found City Pump at work pumping water from Hiatt's pit. Water in both pits at an elev. of -0.30 showing raise of $.84$ ^{since June, '25}. Water is coming thru under R.R. Embankment at N.L. of Laurel St in several streams.

Sand is being hauled from California St. East of Hiatt's pit.

Water is being pumped west onto City Filled Land.

Inspected 4 PM August 4 1923

City pump is still working. Team and Fresno hauling sand into bottom of Hiatt's pit from the sides to get water into a sump so suction pipe can act. Water at an elev. of -1.05 but water marks on sand etc. shows that recently it was at an elev. of $+0.23$.

Sand still being taken and sacked from Cal. St. No sand available in bottom of pits. Too wet. Mud 2' deep where team is working.

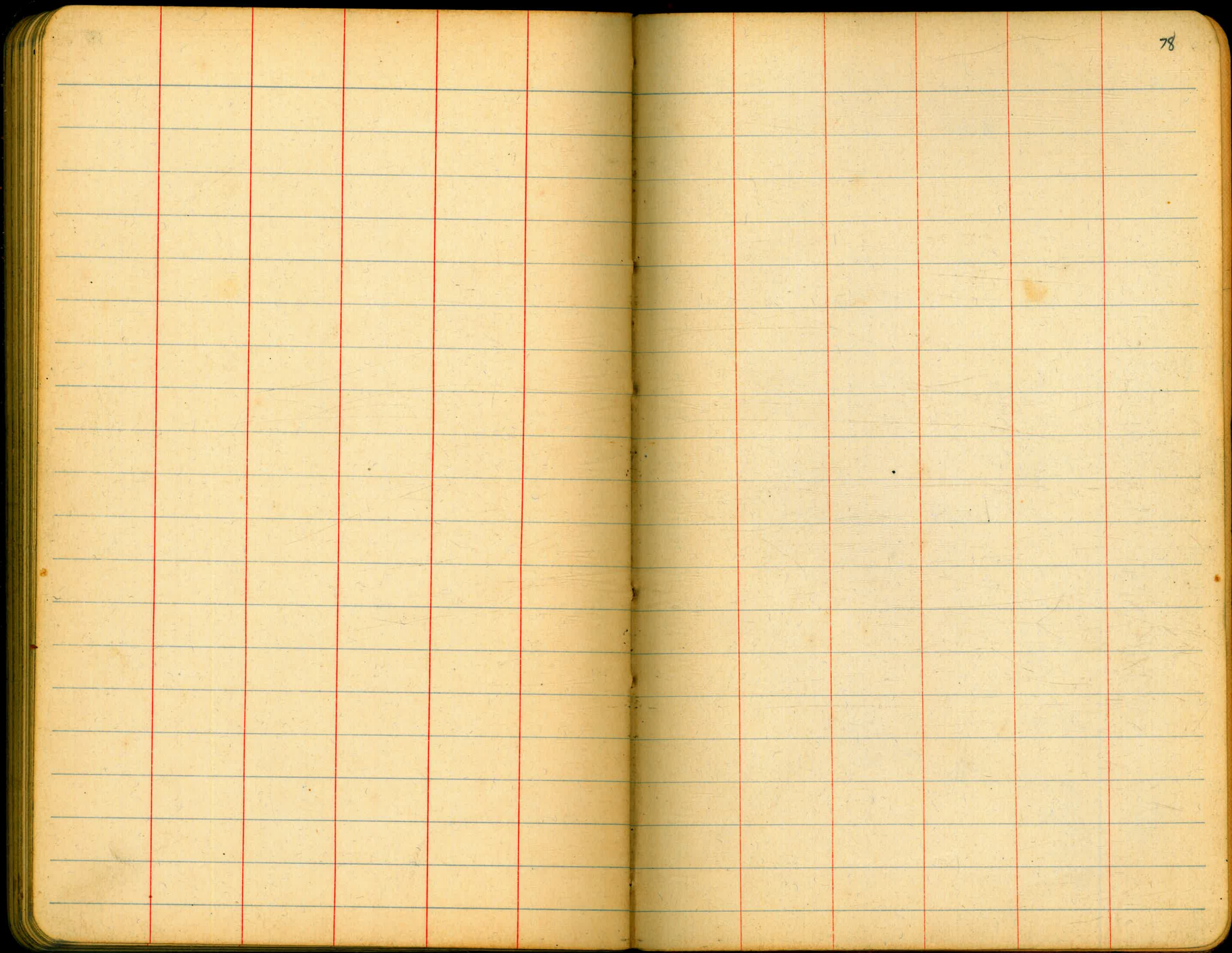
3/10/25 Gregory.

Levels on 6th St
E. of 25th

76

| | 1.05 | 173.23 | 172.18 | NW 25 th +6 |
|---|------|--------|---------------|---------------------------|
| 51' E of EL 25 th St to E of garage N Side | 4.5 | 68.7 | | |
| 107' ✓ ✓ ✓ ✓ ✓ ✓ - steps | 9.15 | 64.1 | = bottom step | |
| 140' ✓ ✓ ✓ ✓ ✓ ✓ - WL Alley | 15.8 | 57.4 | = ground | |
| 150' ✓ ✓ ✓ ✓ ✓ ✓ - 4 ✓ | 17.6 | 55.6 | = ✓ | |
| 160' ✓ ✓ ✓ ✓ ✓ ✓ - EL ✓ | 19.3 | 53.9 | = ✓ | |

8



165
4903
21403

16

2.04

16.67

14.65

3.47

BM
13.22

1.12

14.34

12.63

3.12

4.83

12.63

1.71

1.20

3.63

Dis on S.S. de Kalmia Alb. to Front 214.03

- - - - Front to First 214.74

✓ - H ✓ ✓ ✓ ✓ ✓ 214.60

✓ - - ✓ - Alb - Front 214.00

1679. yds

Oct 1919

Feb. Mar 1921

612.81

+07

55
27
82

226
51
1330
133
16
37

12
3
2
17

140
420
90

3556

180

2381

405

3261

47698

23849

8

2465

6

2521

3239

2047

3430

88

24516

12258

5

124

3012

90

2459

105

3779

28750

14370

3498

196

2230

27

180

4581

50609

25300

8.17

83

26467

36

168

2970

2439

140

40

42209

21100

14

23422

20.17

3551

186

3450

51642

25820

14

20 out 27 x 20

198 1st

400 4th

600

820

3748

29

2843

1200

4405

32899

1645

166

36

168

2970

2439

140

40

42209

3829

19614

2247

25

196

3550

51370

25685

12

2769

22926

2617

3551

186

3450

51642

2582

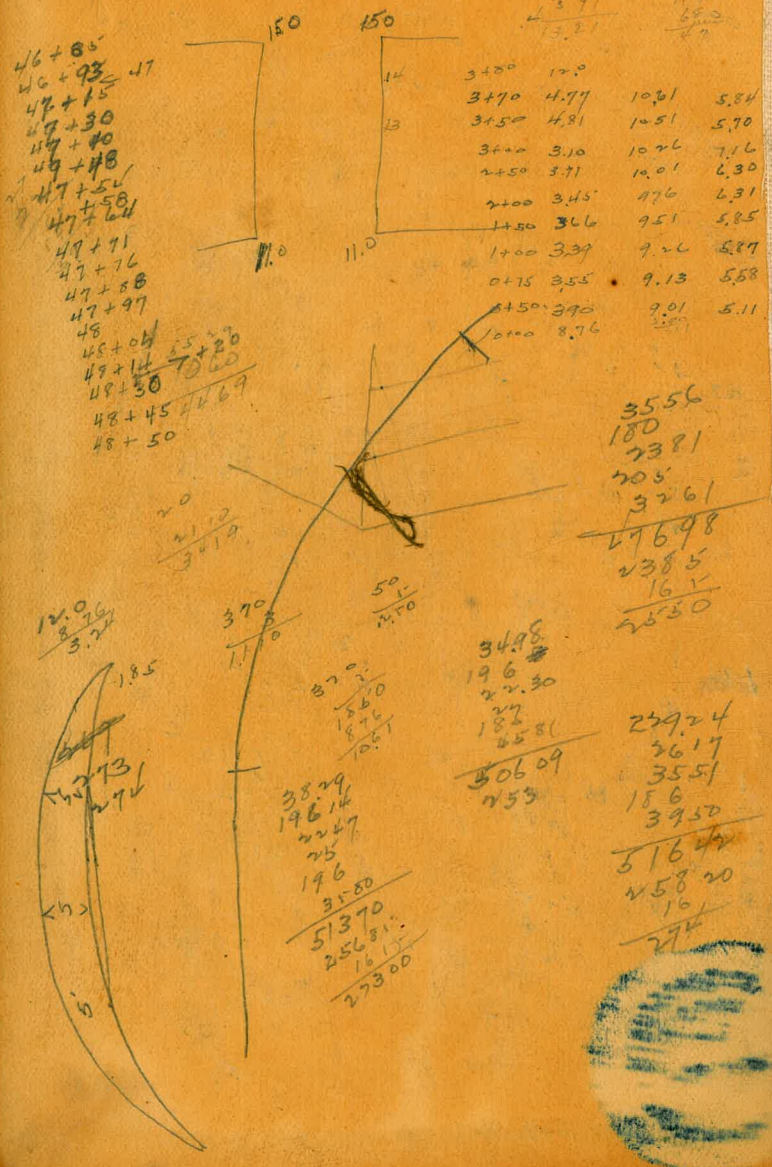
12

2722

10

500
6
3000
110

22.45 from W. Edge of W rail
To Base line at Laurel.



DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 14 FEET WIDE. SIDE SLOPES 1 1/2 TO 1.

FOR SINGLE TRACK EMBANKMENT.

| | 0 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | |
|----|------|------|------|------|------|------|------|------|------|------|----|
| 0 | 7.0 | 7.2 | 7.3 | 7.5 | 7.6 | 7.8 | 7.9 | 8.1 | 8.2 | 8.4 | 0 |
| 1 | 8.5 | 8.7 | 8.8 | 9.0 | 9.1 | 9.3 | 9.4 | 9.6 | 9.7 | 9.9 | 1 |
| 2 | 10.0 | 10.2 | 10.3 | 10.5 | 10.6 | 10.8 | 10.9 | 11.1 | 11.2 | 11.4 | 2 |
| 3 | 11.5 | 11.7 | 11.8 | 12.0 | 12.1 | 12.3 | 12.4 | 12.6 | 12.7 | 12.9 | 3 |
| 4 | 13.0 | 13.2 | 13.3 | 13.5 | 13.6 | 13.8 | 13.9 | 14.1 | 14.2 | 14.4 | 4 |
| 5 | 14.5 | 14.7 | 14.8 | 15.0 | 15.1 | 15.3 | 15.4 | 15.6 | 15.7 | 15.9 | 5 |
| 6 | 16.0 | 16.2 | 16.3 | 16.5 | 16.6 | 16.8 | 16.9 | 17.1 | 17.2 | 17.4 | 6 |
| 7 | 17.5 | 17.7 | 17.8 | 18.0 | 18.1 | 18.3 | 18.4 | 18.6 | 18.7 | 18.9 | 7 |
| 8 | 19.0 | 19.2 | 19.3 | 19.5 | 19.6 | 19.8 | 19.9 | 20.1 | 20.2 | 20.4 | 8 |
| 9 | 20.5 | 20.7 | 20.8 | 21.0 | 21.1 | 21.3 | 21.4 | 21.6 | 21.7 | 21.9 | 9 |
| 10 | 22.0 | 22.2 | 22.3 | 22.5 | 22.6 | 22.8 | 22.9 | 23.1 | 23.2 | 23.4 | 10 |
| 11 | 23.5 | 23.7 | 23.8 | 24.0 | 24.1 | 24.3 | 24.4 | 24.6 | 24.7 | 24.9 | 11 |
| 12 | 25.0 | 25.2 | 25.3 | 25.5 | 25.6 | 25.8 | 25.9 | 26.1 | 26.2 | 26.4 | 12 |
| 13 | 26.5 | 26.7 | 26.8 | 27.0 | 27.1 | 27.3 | 27.4 | 27.6 | 27.7 | 27.9 | 13 |
| 14 | 28.0 | 28.2 | 28.3 | 28.5 | 28.6 | 28.8 | 28.9 | 29.1 | 29.2 | 29.4 | 14 |
| 15 | 29.5 | 29.7 | 29.8 | 30.0 | 30.1 | 30.3 | 30.4 | 30.6 | 30.7 | 30.9 | 15 |
| 16 | 31.0 | 31.2 | 31.3 | 31.5 | 31.6 | 31.8 | 31.9 | 32.1 | 32.2 | 32.4 | 16 |
| 17 | 32.5 | 32.7 | 32.8 | 33.0 | 33.1 | 33.3 | 33.4 | 33.6 | 33.7 | 33.9 | 17 |
| 18 | 34.0 | 34.2 | 34.3 | 34.5 | 34.6 | 34.8 | 34.9 | 35.1 | 35.2 | 35.4 | 18 |
| 19 | 35.5 | 35.7 | 35.8 | 36.0 | 36.1 | 36.3 | 36.4 | 36.6 | 36.7 | 36.9 | 19 |
| 20 | 37.0 | 37.2 | 37.3 | 37.5 | 37.6 | 37.8 | 37.9 | 38.1 | 38.2 | 38.4 | 20 |
| 21 | 38.5 | 38.7 | 38.8 | 39.0 | 39.1 | 39.3 | 39.4 | 39.6 | 39.7 | 39.9 | 21 |
| 22 | 40.0 | 40.2 | 40.3 | 40.5 | 40.6 | 40.8 | 40.9 | 41.1 | 41.2 | 41.4 | 22 |
| 23 | 41.5 | 41.7 | 41.8 | 42.0 | 42.1 | 42.3 | 42.4 | 42.6 | 42.7 | 42.9 | 23 |
| 24 | 43.0 | 43.2 | 43.3 | 43.5 | 43.6 | 43.8 | 43.9 | 44.1 | 44.2 | 44.4 | 24 |
| 25 | 44.5 | 44.7 | 44.8 | 45.0 | 45.1 | 45.3 | 45.4 | 45.6 | 45.7 | 45.9 | 25 |
| 26 | 46.0 | 46.2 | 46.3 | 46.5 | 46.6 | 46.8 | 46.9 | 47.1 | 47.2 | 47.4 | 26 |
| 27 | 47.5 | 47.7 | 47.8 | 48.0 | 48.1 | 48.3 | 48.4 | 48.6 | 48.7 | 48.9 | 27 |
| 28 | 49.0 | 49.2 | 49.3 | 49.5 | 49.6 | 49.8 | 49.9 | 50.1 | 50.2 | 50.4 | 28 |
| 29 | 50.5 | 50.7 | 50.8 | 51.0 | 51.1 | 51.3 | 51.4 | 51.6 | 51.7 | 51.9 | 29 |
| 30 | 52.0 | 52.2 | 52.3 | 52.5 | 52.6 | 52.8 | 52.9 | 53.1 | 53.2 | 53.4 | 30 |
| 31 | 53.5 | 53.7 | 53.8 | 54.0 | 54.1 | 54.3 | 54.4 | 54.6 | 54.7 | 54.9 | 31 |
| 32 | 55.0 | 55.2 | 55.3 | 55.5 | 55.6 | 55.8 | 55.9 | 56.1 | 56.2 | 56.4 | 32 |
| 33 | 56.5 | 56.7 | 56.8 | 57.0 | 57.1 | 57.3 | 57.4 | 57.6 | 57.7 | 57.9 | 33 |
| 34 | 58.0 | 58.2 | 58.3 | 58.5 | 58.6 | 58.8 | 58.9 | 59.1 | 59.2 | 59.4 | 34 |
| 35 | 59.5 | 59.7 | 59.8 | 60.0 | 60.1 | 60.3 | 60.4 | 60.6 | 60.7 | 60.9 | 35 |
| 36 | 61.0 | 61.2 | 61.3 | 61.5 | 61.6 | 61.8 | 61.9 | 62.1 | 62.2 | 62.4 | 36 |

Compiled by Julien A. Hall, M. Am. Soc. C. E.

