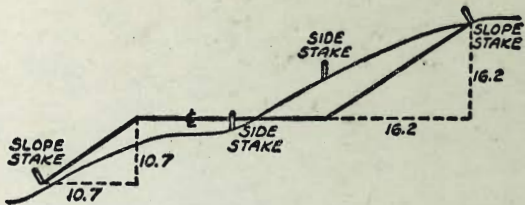


G-351



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

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

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

507
432

939

4.70

MICROFILMED

APR 16 1965

DIRECTIONS FOR USE OF TABLES

TABLE No. XIV

Distance of slope stake from side of shoulder
stake for any width roadway, slope 1 1/2 to 1.
If ground is nearly level, the cut or fill at stake

IMPROVED TABLES
AND
INFORMATION

TABLE No. XIII

To find tangent and distance for curve of
any other degree divide by degree of curve and
add correction listed in column of correction
Degree of curvature is given below in table
by dividing tangent (or constant) opposite by
given tangent (or constant)
The distance from a point on the tangent to
the curve is very nearly the square of the tangent
length divided by twice the radius

PAGES	INDEX	DATE
1-9	SEWER GRADES QUIVERA BASIN LEASE	2-01-56
10-14	GRADES ALLEY BLK. 34, OCEAN BEACH	2-03-56
15-20	GRADES ALLEY BLK 247- PACIFIC BEACH	2-03-56
21	CURB GRADES MERLIN DR. SLY OF BROOKLYN AVE	2-07-56
22-30	GRADES GILMORE ST, 36-TH. TO 37-TH. ST.	2-16-56
31-37	GRADES OLIVEWOOD TERRACE OCEAN VIEW TO GILMORE	2-20-56
38-45	GRADES SOUTHLOOK AVE, OLIVEWOOD TERR. TO GILMORE	2-20-56
46	CHECK ON H ₂ O VALVES NOYES & BALBOA	2-17-56
47-49	CURB GRADES SLY SIDE HAWTHORNE; JACOT LANE FLY	2-23-56
50-57	CURB GRADES W. SIDE INGRAHAM; DIAMOND TO GARNET	
58-75	GRADES GARNET ST. MORRELL TO QUINCY	
76-78	STORM DRAIN GRADES GARNET ST. (DRAINS Cont'd 117 G-363)	

Ref F.B. M.B. No 86
 " DW9 3262-D 2-01-56
 Note: Stakes Set 8' Lt.
 = downstream

Stamp
 Huffman
 Blunt
 Kelley

SEWER GRADES QUIVER BASIN LEASE AREA

1+00 C 4.05 L
 3.66 L
 - 0.39

0+75 C 3.01 L
 2.68 L
 - 0.33

0+50 C 3.37 L
 3.11 L
 - 0.26

0+25 C 3.33 L
 3.13 L
 - 0.20

Top F.H.W. W/4 Side Access
 TBM. Rd. Sta. 1+05-60' Lt. M.B. 86
 22 4.74 C 3.06 L C 3.20 L
 2.92 L 3.06 L
 0+00 = ϕ M.H. No 12 - 0.14 - 0.14
 15' RP

TBM. 4.99 ~ 5.02 P.K. P.P. No 614267-H 5/4 Side Ventura Blvd
 & W/4 Side Access Rd. M.B. No 86
 21

TP. 4.44

TP. 5.80

B.M. 3.60

A 1/2

SEWER GRADES QUIVERA BASIN LEASE AREA

2+50

C 3.48 ✓
2.72 ✓
-0.76

2+25

C 3.35 ✓
2.65 ✓
-0.70

2+00

C 3.26 ✓
2.62 ✓
-0.64

1+75

C 3.27 ✓
2.69 ✓
-0.58

1+50

C 3.36 ✓
3.05 ✓
-0.51

1+25

C 3.96 ✓
3.51 ✓
-0.45

SEWER GRADES QUIVERA BASIN LEASE AREA

4+00

C 3.82 ✓
2.69 ✓
- 1.13 ✓

3+75

C 3.30 ✓
2.23 ✓
- 1.07 ✓

28'

C 2.74 ✓ C 3.10 ✓
1.74 ✓ 2.10 ✓
- 1.00 ✓ - 1.00 ✓
15' RD

3+47 = E.M.H. N° 11

22

C 2.50 ✓
2.55 ✓
- 0.95 ✓

3+25

C 3.28 ✓
2.39 ✓
- 0.89 ✓

3+00

C 3.85 ✓
3.02 ✓
- 0.83 ✓

2+75

SEWER GRADES QUIVERA BASIN LEASE AREA

5+25

C 4.820
3.37 ✓
-1.45

15.37

5+09.63 = M.H. N^o 10

T.P.

29.5

C 5.07^{LV} C 4.36^{LV}
3.66 2.93 ✓
-1.41 -1.41
15' RP

5+00

C 4.40 ✓
3.06 ✓
-1.38

4+75

C 4.50 ✓
3.18 ✓
-1.32 ✓

4+50

C 4.37 ✓
3.11 ✓
-1.26

4+25

C 4.06 ✓
2.86 ✓
-1.20

SEWER GRADES QUIVERA BASIN LEASE AREA

6+75

C 5.84
4.02 ✓
-1.82

6+50

C 5.97
4.21 ✓
-1.76

6+25

C 6.25
4.56 ✓
-1.69

6+00

C 5.43 ✓
3.80 ✓
-1.63

5+75

C 5.47 ✓
3.90 ✓
-1.57

5+50

C 5.32 ✓
3.81 ✓
-1.51

SEWER GRADES QUIVERA BASIN LEASE AREA

8+25

C 5.18
2.98
-2.20 ✓

8+00

C 5.17
3.04 ✓
-2.13

24.49

C 4.89 C 5.19
2.82 ✓ 3.12
-2.07 -2.07 ✓
13.29

7+75.5) = E.M.H. No 9

25.51

C 5.19
3.18 ✓
-2.01

7+50

C 5.22
3.28 ✓
-1.94

7+25

C 5.21 ✓
3.33
-1.88

7+00

SEWER GRADES QUIVERA BASIN LEASE AREA

9+75

C 5.63
3.06
-2.57 ✓

9+50

C 5.44
2.93 ✓
-2.51

9+25

C 5.13
2.69 ✓
-2.44

9+00

C 5.05
2.67 ✓
-2.38

8+75

C 5.17
2.85 ✓
-2.32

8+50

C 5.45
3.19 ✓
-2.26

SEWER GRADES QUIVERIA BASIN LEASE AREA

11+00

C 6.23
3.35 ✓
- 2.88

10+75

C 5.68
2.86 ✓
- 2.82

17

C 5.62
2.84 ✓
- 2.78

10+58

16.61

C 5.91 ✓ C 5.62 ✓
3.17 ✓ 2.88 ✓
- 2.74 - 2.74
15' R.P.

10+41.39 = M.H. N° 8

16.39

C 5.67 ✓
2.97 ✓
- 2.70

10+25

C 5.73 ✓
3.10 ✓
- 2.63

10+00

2-01-56

③

SEWER GRADES QUILVERA BASIN LEASE AREA

B.M.

4.99 ~ 4.99 (see pg 1.)

TP.

4.74 ~ 4.74

11 + 24.63 = End @ Lease Bdy.

24.63'

6.27
3.33
- 2.94

GRADES ALLEY BLK 34, OCEAN BEACH

W.O. 32520

1+20

0+60

0+40

0+20

0+00 = Ely line Sunset Cliffs Blvd

B.M

32.10

DW 911999-L

FB. 2219-47

2-03-56

4

4

Stamper
Huffman
Blunt
Kelley

(10)

Rt

C 0.16

1.58^v
31.42

C 0.24^v

1.38^v
31.14

C 0.47

1.28^v
30.81

C 1.00

1.11^v
30.11

C 0.26

1.98^v
31.22

C 0.44

1.88^v
31.44

C 0.40

1.49^v
31.09

C 1.57

1.90^v
30.33
chis! ⊕

29.03

28.87

29.15

Set Blue Top

SEBP Sunset Cliffs & Naragansett

ALLEY BLK 34

2+50

2+00

1+80

T.P.

1+60

1+40

1+20

2.76

L+

←

R+

①

C0⁰⁵

4.11
34.06

C1³⁴

4.34
33.00
0.05
bk.

C0²⁰

2.76 ✓
32.56

C1.12 ✓

3.29
32.17
1.03 bk.

C0.36

2.20 ✓
31.84

C0²¹

1.91 ✓
31.70

C1¹⁰

5.46
34.36

C0⁷⁰

4.00
33.30

C0.76

3.62
32.86

C0.29

2.76 ✓
32.47

C0¹⁴

2.28 ✓
32.14

C0.46

2.36 ✓
31.90

ALLEY BLK 34

4+00

3+80

TBM. PK. Pole No A4742

3+60

3+46

3+20

3+00

37.87

LT

±

RT

(12)

F0.12

9.11
39.23

F0.31

784 ✓
38.15
3.00
66

C1.60

867 ✓
37.07 ✓
0.13
66

C1.00

7.28
36.28

C0.21

84 ✓
35.63 ✓

C0.40

5.54 ✓
35.14

C0.29

9.54
39.30

C0.81

9.11 ✓
38.30

C1.27

864 ✓
37.37

C0.24

682 ✓
36.58
Chis1 ⊕

C0.86

6.79 ✓
35.93
Chis1 ⊕

C0.11

3.55 ✓
35.44

ALLEY BLK 34

5+70

C 0 96
 4.34 ✓
 53.38
 0.30 P.K. Wall
 bk

C 0.91
 4.59
 53.68
 0.34 ✓
 bk

5+50

C 1.58
 2.28 ✓
 50.70
 0.29 P.K. Wall
 bk

F 0.19
 50.81 ✓
 51.00

5+30

C 2 00
 9.60
 47.60
 0.25 P.K. Wall
 bk

F 0.13
 7.77
 47.90

TP

46.77

5+10

C 1 30
 6.60
 45.30
 0.23 P.K. Wall
 bk

F 0 05
 5.28
 45.33

4+90

C 0 49
 4.59
 44.10

C 0 28
 4.08
 43.80

4+45

C 0.29
 1.95
 41.66

C 0.70
 2.23 ✓
 41.55

Lt E Rt

ALLEY BLK 34

B.M.

55.20 ~ 55.20 SEBP Ebers & Niagara 2219
60

TP.

54.34

5+98.65 = Wly Line Ebers

55.80

55.75

55.68
(Set Blue Top)

56.13

5+90

60.70

5.91 v

55.21
0.5' Chis! ⊕ Top Wall

61.13

6.65 ✓

55.52
0.16 PK. Wall
bk

5+80

GRADES ALLEY BIK 247 PAC. BEACH

W.O. 32474

1+05-10' Lt = Sewer Lat N^o 2 5' bk

1+00

0+75

0+50

0+27 = Sewer Lat NO 1-10' Rt. (Met Existing Trench)

0+25

0+00 = Ely Line Morrell St.

B.M.

36.50

Ref F.B. 2236 2-03-56

17
DWG. 11854-L

ct.

€

Stampel
Hoffman
Blunt
Kelley
Rt

(15)

C 5.06

6.06

31.00

5' bk & lat

C 0.23

6.06

35.83

5' bk & lat

F 0.11

5.50

35.61

F 0.19

5.47

35.66

F 0.36

5.13

35.51

F 0.38

5.11

35.49

3' bk & Rt.

F 1.23

4.19

35.42

C 6.60

34.97

27.97

F 0.90

4.10' bk

7.42

Lat. @ blk

35.32

C 0.30

5.62

35.32

0.18

bk.

5.25

35.15

34.78

5.25

35.22

N.W. Prop Pipe Thomas & Morrell 2236

18

Lt. E Rt

GRADES ALLEY BLK. 247 PAL. BEACH

2+50

C 1.56
3.99
32.43
0.506k

C 0.31
2.44
32.13

2+10

C 0.46
4.75
34.29

F 0.28
3.71
33.99

1+90

C 0.65
5.75
35.10

F 0.33 ✓
4.47
34.80

1+70

C 0.33
5.98
35.65

F 0.67 ✓
4.68
35.35

1+50

F 0.17
5.80
35.97

F 0.67
5.00
35.67

1+30

C 0.11
6.14
36.03
0.35'bk

C 0.49
6.22
35.73
0.35'bk

GRADES ALLEY, BLK 247 PAC. BEACH

			C 0.19	F 0.32
			8.16	7.40
3+80			28.02	27.72

3+71.60-3'RT = 4" Type "D" Catch Basin			C 0.36	F 0.47
			8.44	7.31
3+70			28.08	27.78

3+30-10'RT = Sewer Lat No 3 ^{Installed} OMIT.			C 0.35	24.82 F 0.75
			8.79	7.47
3+50			28.44	28.22

			C 1.48	F 0.75
			0.44	7.91
3+30.			28.96	28.66

			C 1.48	F 0.68
			1.12	8.66
3+10			29.64	29.34

7P.		31.12		
-----	--	-------	--	--

			C 1.52	F 0.25
			2.56	0.49
2+80			31.04	30.74

GRADES ALLEY BLK. 247 PAC. BEACH

B.M.

4+99.60 = Wly Line Noyes St.

4+80

4+60

4+40

4+10

Lt

E

Rt

(18)

2-03-56

F0 15

0 68

30.83

30.40

F0 09

0 51

30.60

C0 22

0 27

30.05

F0 29

9 46

29.75

C0.85

9 93

29.08

F0 08

8 70

28.78

C0.50

9 12

28.62

F0 37

7 95

28.32

C0.56

8 88

28.32

F0.16

7 86

28.02

Ref DWG 11854-L
See Sketch P9, 20

Stamp
Hoffman
Blunt
Kelley

(19)

GRADES 18" STORM DRAIN ALLEY BLK. 34
PACIFIC BEACH. W032427

NOTE: Set Stakes 5' Lt. of C

1+00

C 4 27
6 62
22. 33
Stub 5' Lt

0+75

C 4 50
5 97
21. 47
Chis 1 @ 5' Lt

0+50

↑
3.53 %

C 4 67
5 25
20. 58
Chis 1 @ 5' Lt

0+25

C 5 05
4 75
19. 70
Chis 1 @

0+00 = Nly Line Thomas Ave
128' Wly. of N.W. Cor.
Noyes & Thomas Ave

C 5 47
4 29
18. 82
Stub 5' Lt

B.M.

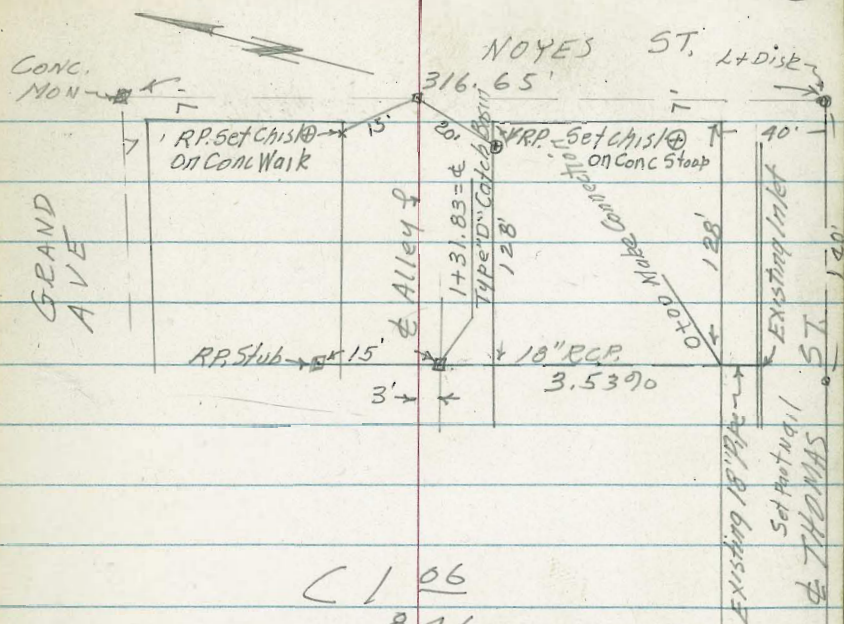
18" STORM DRAIN GRADES

B.M.

1+31.83

1+31.83 = E Type "D" C.B.
= 3+71.60 E ALLEY STA.

1+15



C 1 06

8.46

27.40

TOP C.B.

R.P. 15' W/4 E

TYPE "D" C.B.

C 5 00 MORRELL ST.

8.46

23.46

F. L.

R.P. 15' W/4 E

TYPE "D" C.B.

C 4 10

6.98

22.88

STUB 5' LT

CURB GRADES ELY. SIDE MERLIN DRIVE
 SLY OF BROOKLYN AVE W.O. 32474

2-07-56
 Ref F B B-27
 " DWG 11971-L
 " Profile Sheet #652
 Merlin Drive

Stampfer
 Hoffmann
 Blunt
 Kelley
 BROOKLYN AVE

1+00 NOTE: Stakes Set 3' bk cb face

0+75

0+50

0+25

0+00 = End Existing Cb. on RA. 239.93

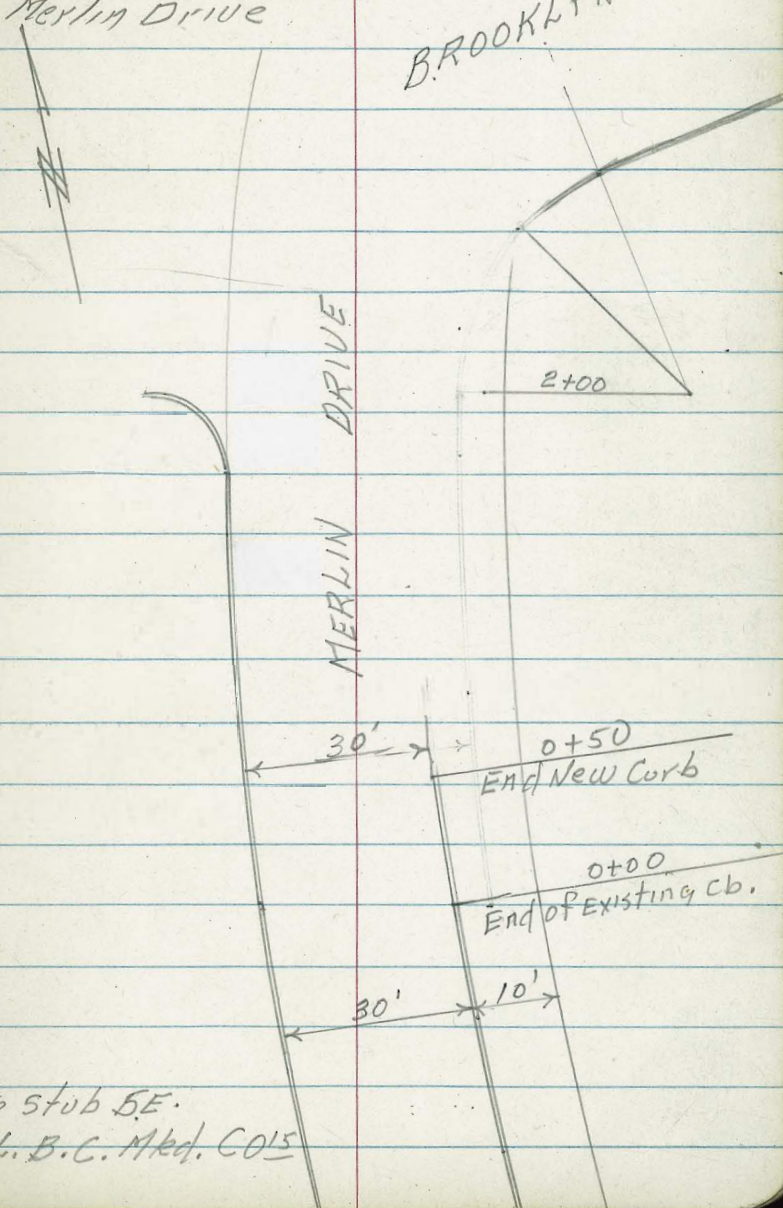
B.M.

CO⁰¹
 2.40
 242.33

FO⁰⁶
 41.07
 241.13

252.26

Top Stub SE.
 P.L.B.C. Mkd. CO¹⁵



Cbs. 38' wide
R = 58'

2-16-56

(22)

PAVING GRADES GILMORE ST, 36-TH TO 37-TH.

LT

Rt

Rt.
Gutter Curb

W.O. 31836 Curb Gutter

Handwritten note: 31.07

0+75	CO.31 2.09 91.78	91.78	FO.12 1.68 91.80
------	------------------------	-------	------------------------

0+50	CO.40 2.92 92.52	92.43	FO.02 2.35 92.37
------	------------------------	-------	------------------------

0+25	CO.45 3.71 93.26	93.08	CO.17 3.10 92.93
------	------------------------	-------	------------------------

0+10 = E.C. Cb. Refs. Lt & Rt.	CO.16 3.86 93.70	93.47	CO.14 3.38 93.27
--------------------------------	------------------------	-------	------------------------

0+00 = E. Line 36-TH St	94.00 (Meet)	93.53	93.50 (Meet)
-------------------------	-----------------	-------	-----------------

B.M. 94.34

N^o 3601
Nail in P.P. @ S.E. Cor. 36-TH & Gilmore Sts. 2304
41

GRADES GILMORE ST.

Curb Gutter

Lt

+

Rt,
Gutter Curb

B.C. Alley

00.07
0.32
90.25

05 Cb. R=2'
1+47.72 = E.C. N.E. Alley Cb. Ret

00.13
0.32
90.19

90.17

FD.48
0.70
90.18

E.C. + 8' = N.W. R.

00.81 C1.31
1.50 1.50
90.69 90.19

E.C. Alley

00.45
0.98
90.53

05 Cb. R=2'
1+23.72 = B.C. N. W. Alley Cb. Ret.

00.45
0.98
90.53

90.60

FD.60
0.12
90.72

0 + 99.50

00.67
1.73
91.06

91.14

FD.30
0.95
91.25

GRADES GILMORE ST. Lt E Rt

Curb Gutter Gutter Curb

E.C. 88.33 88.83

check
88.845
8.83
88.83

P.O.C. 1/2 88.42 89.00

FO 13
8.87
89.00

0 Cb.R = 10'
1+99.67 = B.C.S.W. Cb. Ret.
South Look S'ly.

FO 07
9.60
89.67 89.17 89.05 88.50 FO 14
8.86
89.00

1+79.50 FO 14
9.73
89.87 89.64 FO 37
9.08
89.45

1+59.50 FO 06
0.01
90.07 89.97 FO 44
9.46
89.90

N.E.
B.C. + 8' = R. & Alley

FO 03 C.O. 27
0.38 0.38
90.41 90.11

LT

±

RT

GRADES GILMORE ST.

Curb Gutter

Gutter Curb

E.C.S. Look

0.92
90.93 90.31
(Meet)

S. Look →
South East
Ret

89.32 89.94
(Exist)

P.O.C. 1/2

F0.84
0.46
90.80 90.25

S. Look South →
East
Ret.

89.41 90.00
(Exist)

10 Cb.R=10'
2+70.25=B.C.N.W.Cb.Ret.
S. Look Nly.

F0.27
0.43
90.70 90.20

90.25

89.37 89.87

20.58'

0 Cb.R=10'
2+49.67=E.C.S.E.Cb.Ret
South look Sly.

F0.06
0.44
90.50

90.14

89.50 90.09
(Existing)

2+19

C0.07
9.81
89.74 89.24

89.10

88.87

7P.

88.83

2+09=± Gutter 6" Conc.

C0.11 C0.75
9.77 9.77
89.66 89.02

88.80
88.30
5et

88.42
87.92

ct. £

rt

GRADES GILMORE ST.

Curb Gutter

Gutter Curb

	FO 28				FO 13
	645				625
3+75	86.73		86.54		86.38

20.4	FO 01				CO 10
	821				787
3+54.60 Begin Cb on Rt.	88.22		87.98		87.77

24.5'

N.E. B.C. S. Look	0.39				
	90.39	89.94			
	(meet)				

P.O.C. 1/2	FO 26				
	004				
	90.30	89.80			

10 Cb.R=10'	FO 22				
3+30.25 = E.C. N.E. Cb. Rt. Nly.	978				
South look	90.00	89.50	89.57	88.68	89.18

10					
3+00.25 = £ S. Look Nly		90.50	90.32	89.18	89.68

lt. † rt

GRADES GILMORE ST.

Curb Gutter

Gutter Curb

E.C. S.W. Cb. Ret Olive Wood Terrace

80.38
(M.eet) ^{.86}
80.88

P.O. C. 2

^{FO⁰⁵}
0.98
80.53 81.03

F

67 Cb. R = 10'
4+49.94 = B.C. S.W. Cb. Ret
Olive Wood Terrace Sly.

~~1.34~~
81.40 80.90

81.33

^{CO²⁶}
1.56
80.80 81.30

10.07

^{CO⁰⁸}
2.08
82.00

4+39.60

81.97

^{FO⁵²}
1.46
81.98

14.6'

^{FO³⁰}
2.80
83.10

4+25

83.00

^{FO⁶²}
2.35
82.97

TP

84.30

^{FO⁶²}
4.30
84.92

4+00

84.77

^{FO⁵²}
4.16
84.68

Lt.

±

Rt.

Gutter Curb

GRADES GILMORE ST.

Curb Gutter

B.C. Alley

F0⁵⁷
0.09
80.66

690
4+77.4 = E.C. NE. Alley Cb. Ret

F0⁴⁸
0.09
80.57

67
4+74.9 = ϕ Olive Wood Terrace
5'4"

80.64

80.20

E.C. + 8' = N.W. ϕ
& Alley

C0.31 C0.81
1.73 1.73
81.42 80.92

E.C. Alley

C0⁰⁸
1.34
81.26

2.90 Cb. R = 2'
4+53.4 = B.C. N.W. Alley Cb. Ret

C0⁰⁵
1.34
81.29

Lt

±

Rt

GRADES GILMORE ST.

Corb Gutter

Gutter Corb

5+50
5.74
75.62
()
75.12

75.48

5.02
74.62
()
75.12

—
5+25
77.52
()
77.02

77.64

.25
76.89
()
77.39

25, 33

B.C. Olivewood Terrace

.62
79.13
()
79.63

P.O.C. 1/2

.65
79.28
()
79.78

cb.R = 10' = End New cb
4+99.67 = E.C. SE. Cb. Ret. on Lt. + Rt
Olivewood Terrace
80.00
(Meet)
79.32

79.70

.68
79.20
()
79.70

B.C. + 8' = N.E. #
& Alley
C 0.63 C 0.73
1.45 1.45
80.82 80.72
Nail 1.30'
B.R. End. Cb.

Lt.

±

Rt

GRADES GILMORE ST.

Curb

Gutter

Gutter

Curb

5+99.69 = W.L. 37-H. St.
= End Foot. of Cbs.

^{1.81}
71.85 71.35^v

71.00

70.10

^{0.68}
70.60^v
()

5+75

^{3 69}
73.72 73.22^v

73.32

72.34^v 72.84⁷³
()

T.P.

75.96

Lt

E

Rt

2-21-56

PAVING GRADES OLIVE WOOD TERRACE

W.O. 31836 Curb Gutter

Gutter Curb

1/2 Conc. Gutter
0+15.80 P.O.C. Def 4 = 2° 21' 54"

0.6
49.00

6.80

0+09 P.O.C. Def 4 = 1° 54' 33" 48.72 48.05
V

Def 4 = 1° 18' 21"
0+00 = N.L. Ocean View
(set L + Disk)

Def 4 = 0° 39' 45"
0+09.60 = 1/2 Conc. Gutter. 48.26 47.43
.67

9.88'

4 = 38° 25' 12" L = 286.56
0-19.48 = B.C. Lt. & R = 427.34
(set P.H. Nail) d = 4.022261

15.26 17.1
18.1

B.M.

49.15

P.K. P.P. N.W. Cor. Olive Wood & Ocean View

Lt E Rt

GRADES OLIVEWOOD TERRACE

Curb Gutter

Gutter Curb

④ P.O.C. Cb. Ret $\Delta = 98^{\circ}12'36''$

8.68'

③ P.O.C. Cb. Ret $\Delta = 74^{\circ}56'16''$

8.68

② P.O.C. Cb. Ret $\Delta = 51^{\circ}39'55''$

9.63

① P.O.C. Cb. Ret $\Delta = 25^{\circ}50'46''$

9.64

$\Delta = 121^{\circ}28'05''$ $d = 80.433944 \times 2 = 160.86788$
Cb. P = 21.37' L = 45.31' set stub @ cty.
~~D + 32.51 = E.C. N.E. Cb. Ret. Def $\Delta = 3^{\circ}29'07''$~~
31.66 25'42

8.61

D + 23.90 = P.C.C. Def $\Delta = 2^{\circ}54'29''$
(= 0+00.500 ft / 100 ft. W 1/2.)(set stub)

8.10

F0.85

50.80 51.30

Part nail 3' out

F0.86

50.60 51.10

0.24 v

3' out
chisel

F0.35

50.35 50.85

0.50

F0.29

50.20 50.70

0.44

F0.18

50.05 50.55

0.37 v

lt. e rt

GRADES OLIVEWOOD TERRACE

Curb Gutter

Gutter Curb

		51.42 ✓ S.G. 1.42 ✓ 52.00 3' b b. EP						
0+97.14 P.O.C. Def 4 = 7° 49' 04"				37 51.35 Fin. Gr. 50.77 ✓				.26 50.70 51.20
18.89								
0+81.09 = End New Cb. on Rt.								3' A head End. New Cb. CO 23 0.83
0+78.25 P.O.C. Def 4 = 6° 33' 06"		51.10 50.52 ✓		50.70 50.12 ✓				50.30 50.80 Chis. 1 ⊕
18.89								FD 23
0+59.36 P.O.C. Def 4 = 5° 17' 10"				50.15 49.57 ✓				032 ✓ 50.05 50.55
18.89								
0+40.97 P.O.C. Def 4 = 4° 01' 08" C Conc. Gutt on Rt.				49.60 49.02				CO 38 FD 22 028 0.28 49.90 50.50
7.96								
End New Cb.								51.70 51.09 51.70
9.50 EC. + 6.50'								
⑤ F.C. Ch. Ref. 4121° 28' 05"								FO. 72 078 51.00 51.50 Paut Nail 3' 004
8.68'								

Lt. E Rt

GRADES OLIVEWOOD TERRACE

Curb Gutter

Gutter Curb

2+13.98 P.O.C. Def Δ = 15° 39' 02"
= 4' Grate Cb. Inlet

56.86
6.28

10.83
6.78 6.78
55.95 56.78
Top Grate

22.39

1+91.59 P.O.C. Def Δ = 14° 09' 00"

55.50
4.92 ✓
Set

54.70 5.20
55.30
▽

18.89

1+72.70 P.O.C. Def Δ = 12° 53' 00"

54.45
3.87 ✓

53.50 54.00
▽

18.89'

1+53.81 P.O.C. Def Δ = 11° 37' 01"

54.53
3.95

53.40 ✓
2.82 ✓

52.20 2.18 ✓
52.70
Stub 3' bk

TP

55.76

18.89'

1+34.92 P.O.C. Def Δ = 10° 21' 02"

53.75
3.17 ✓

52.70 ✓
2.12 ✓

51.45 92
51.95
▽

18.89

1+16.03 P.O.C. Def Δ = 9° 05' 03"

52.87
52.29 ✓

52.00 ✓
1.42 ✓

F0.11
0.97
51.08 51.58
Drive Drive

18.89'

Lt

E

Rt

GRADES OLIVEWOOD TERRACE

Corb Gutter

Gutter Corb

3+76.36

70.90 70.40
↓

70.37

69.54 70.04⁰⁷
↓

T.P. 6900

38.36

3+38

67.42⁴⁵ 66.92
↓

66.93

66.14 66.64⁶⁵
↓

3+00

63.98⁹² 63.48
↓

63.53

62.78 63.28³¹
↓

2+87.08 = W. Lat. 21' Lt.

32.92

2+67.08 F.C. Def 4 = 19° 12' 36"

61.00 60.50
↓

60.59

59.87 60.37⁰³⁷
↓

T.P. W/4 3' C.T. @ E.C. 61.01

18.82

2+48.26 P.O.C. Def 4 = 17° 56' 55"

59.06
8.48

58.53 59.20⁰⁷
↓

18.89

C 0.60

2+29.37 P.O.C. Def 4 = 16° 40' 56"

57.80
7.22

7.83 7.83
57.23 57.90
3' bc. Chris/⊕ 3' bc

15.39

GRADES OLIVEWOOD TERRACE

		Curb Gutter		Lt	±	Rt	Gutter Curb	
4+96.36		^{.98} 77.98	77.48 ↓		77.29		76.30 ↓	⁷⁷ 76.80
4+76.36		77.45 (Drive)	76.95		76.78		75.80 ↓	²⁵ 76.30
4+56.36		^{.73} 76.70	76.20 ↓		76.13		75.25 ↓	^{.70} 75.75
4+36.36		^{.77} 75.70	75.20 ↓		75.15		74.30 ↓	^{4 62} 74.80
4+16.36		^{.44} 74.35	73.85 ↓		73.80		72.95 ↓	^{.32} 73.45
3+96.36		^{2.72} 72.70	72.20 ↓		72.14		71.29 ↓	^{.73} 71.79

LT

±

RT

GRADES OLIVEWOOD TERRACE

Curb Gutter

Gutter Curb

B.M.

6+16.43 = S.L. Gilmore	80.88	80. ^{.45} 38	80.16	79. ^{.19} 13	79.63
------------------------	-------	-----------------------	-------	-----------------------	-------

6+00	80. ^{.59} 48	79.98 ↓	79.77	78.74 ↓	79. ^{.24} 24
------	-----------------------	------------	-------	------------	-----------------------

5+75	79. ^{.98} 88	79.38 ↓	79.17	78.15 ↓	78. ^{.76} 65
------	-----------------------	------------	-------	------------	-----------------------

5+50	79. ^{.38} 27	78.77 ↓	78.57	77.56 ↓	78. ^{.25} 06
------	-----------------------	------------	-------	------------	-----------------------

5+25	78. ^{.68} 67	78.17 ↓	77.97	76.97 ↓	77. ^{.53} 47
------	-----------------------	------------	-------	------------	-----------------------

T.P. 77.85

28.64

Lt.

±

Rt.

(38)

2-21-56

GRADES SOUTHL OOK AVE

Curb

Gutter

Gutter

Curb

W.O. 3/1836

± 6' Curb, Gutter 15' Lt.

0+75.10 P.O.C. Def $\Delta = 31^{\circ}26'58''$

52.05

51.55
v

52.00

51.42

set.

23.73 C = 23.61

0+51.37 P.O.C. Def $\Delta = 21^{\circ}30'45''$ 51.05
Drive50.55
0.46

50.95

50.37

23.73 C = 23.61

0+27.64 P.O.C. Def $\Delta = 11^{\circ}34'29''$

50.05

49.55
v

50.18

49.60

23.66 C = 23.54

0+03.98 P.O.C. Def $\Delta = 1^{\circ}40'$

49.15

48.65
v

3.98

d = 25.126054 2-R = 136.82

 $\Delta = 122^{\circ}36'12''$ E R = 68.41' L = 146.32'

0+00 = 0+23.90

Olive Wood Terrace Def $\Delta = 2^{\circ}54'29''$

B.M.

49.15

2304
26

Set P.H. PP. N.W. Cor. Ocean View & Olive Wood Terrace

GRADES SOUTHLOOK AVE

Corb Gutter

1+84 POC Def $\phi = 8^{\circ} 38' 57''$ ^{.45}
57.42 56.92
↓

15.73' C = 15.70'

1+68.27 POC def $\phi = 5^{\circ} 02' 15''$ ^{.83}
56.80 56.30
↓

21.98' C = 21.95'

d = 13.750987

$\phi = 90^{\circ} \epsilon R = 125' \epsilon L = 196.27'$
1+46.79 = P.R.C. Def $\phi = 61^{\circ} 18' 06''$ ^{5.96}
55.96 55.46
↓

23.73' C = 23.61'

1+22.56 P.O.C. Def $\phi = 51^{\circ} 19' 27''$ ^{.70}
54.55 54.05
↓

23.73' C = 23.61'

CO.60

0+98.83 POC Def $\phi = 41^{\circ} 23' 13''$ ^{3.35}
53.25 52.75
TO

5.93'

± 6' Conc. Gutter

0+92.90 P.O.C. Def $\phi = 38^{\circ} 54' 13''$

17.80 C = 17.75

Lt - E

Rt

(39)

Gutter Corb

57.62 58.02 58.72^{.75}
↓

56.98 57.36 58.05^{7.95}
↓

56.06 56.44 57.11^{7.10}
8
↓

54.80
53.22

53.54
2.96
set

53.12
2.54

LT. E RT
 2-21-56

(40)

GRADES SOUTHLOOK AVE

Curb Gutter

Gutter Curb

3+02.45 P.O.C. Defl = 35°47'21"	62.00 (Drive)	61.50 Meet	62.45	62.98 ↓	63.79 ^{.72}
TP 20' C = 19.98'	63.28				
2+82.45 P.O.C. Defl = 31°12'20"	61.28 ^{.09}	60.78 ↓	61.61	62.14 ↓	62.93 ^{.91}
20' C = 19.98'					
2+62.45 P.O.C. Defl = 26°37'19"	60.50 ^{.25}	60.00 ↓	60.80	61.31 ↓	62.08 ^{.01}
12.45' C = 12.44'					
2+50 P.O.C. Defl = 23°46'07"	60.01 ^{9.85}	59.51 ↓	60.29	60.78 ↓	61.54 ^{.43}
C = 24.96'					
2+25 P.O.C. Defl = 18°02'20"	59.03 ^{8.97}	58.53 ↓	59.28	59.74 ↓	60.48 ^{.38}
C = 24.96'					
2+00 P.O.C. Defl = 12°18'34"	58.05 ^{.10}	57.55 ↓	58.27	58.69 ↓	59.41 ^{.35}
16' C = 15.96'					

Lt.

€

Rt.

(71)

GRADES SOUTHLOOK AVE

Curb

Gutter

Gutter Curb

5+00

^{.32}
75.37

74.87
↓

75.85

^{.01}
76.04

76.54
(drive)

4+50

71.86
(drive)

^{.31}
71.36

72.34

^{.54}
72.53

73.03
(drive)

TP

68.25

4+22.56 = W. Lat. 21' Lt. ~~FEET~~

4+00

^{.32}
68.35

67.85
↓

68.83

^{.51}
69.03
↓

69.53

3+70

^{.21}
66.24

65.74
↓

66.73

^{.38}
66.92
↓

67.42

27.44

3+42.56 EG. Def A = 45° 00'

^{.30}
64.32

63.82
↓

64.80

^{.45}
65.00
↓

65.50

20.11' C = 20.09'

3+22.45 P.C. Def A = 40° 22' 22"

^{2.99}
63.10

62.60
↓

63.50

^{9.39}
63.83
↓

64.64

20' C = 19.98'

Lt

±

Rt

GRADES SOUTH LARK AVE

Curb Gutter

Gutter Curb

6+91.89 = S.L. Gilmore St.

88.83 88.33
↓

89.00

89.32 90.00

6+81.9

^{.24}
88.12 87.62
↓

88.62

^{.28}
88.80 89.30
↓

31.9'

6+50

^{.95}
85.89 85.39
↓

86.38

^{.08}
86.56 87.06
↓

TP

83.69

6+00

^{.41}
82.38 81.88
↓

82.87

^{.37}
83.05 83.55
↓

5+50

^{.42}
78.87 78.37
(Drive)

79.36

^{.39}
79.55 80.05
(Drive)

5+22.56-21' Lt. = W. Lat.

TP

C 3.91

5+12.56-25' Lt. =

Sewer Lat. No 1

76.63
72.72
PROP.
Set 5' sub. 5' to R.

71.30

F.L.

PAVING GRADES NLY LOOP SOUTHLOOK TO
OLIVE WOOD TERRACE WD. 31836

Lt

€

Rt

2-20-56

Gutter Curb

Curb Gutter

Def 4 = 14° 19' 26"

0+62.50 = € Conc. Gutter
@ Cb. on Lt.

.74
55.71 55.10
v

9.90' c = 9.90'

Def 4 = 12° 03' 18"

0+52.50 = € Conc. Gutter on €

55.11

54.80
4.22
set

2.60

0+50 = P.O.C. Def 4 = 11° 27' 33"

4.87'

d = 13.750987

0+45.13 = P.O.C. Def 4 = 10° 20' 35"
= € Conc. Gutter 15' Rt.

20.13' c = 20.11'

0+25 P.O.C. Def 4 = 5° 43' 47"

5.84
55.84 55.17
v

54.80

54.05

55.10
4.52

c = 24.96

4 = 90° € R = 125' € L =

0+00 = P.R.C. Sta. 1+46.29

57.11 56.44

56.06

55.46 55.96

B.M.

LT - E RT

GRADES NLY LOOP

Curb Gutter

Gutley Curb

1+75 P.O.C. Def 4 = 40° 06' 25"	3 9.42 59.65	59.15 ↓			
---------------------------------	--------------------	------------	--	--	--

25' c = 24.96'

1+50 P.O.C. Def 4 = 34° 22' 39"	7.89 57.91	57.24 ↓		57.40	
---------------------------------	---------------	------------	--	-------	--

12.10 c = 12.10'

1+37.90 P.O.C. Def 4 = 31° 36' 15"		70.82 735.			
E Grate 15' Lt.					

2.22' def 4 = 31° 05' 44"					
1+35.68 = Water Lat. 21 Lt.					

10.68' (Line to N. Side E. Grate) C = 10.68'	6.84				
1+25 P.O.C. Def 4 = 28° 38' 52"	56.82	56.28		56.30	

25' c = 24.96

1+00 P.O.C. Def 4 = 22° 55' 06"	56.14	55.64 ↓		55.50 4.92	54.90
---------------------------------	-------	------------	--	---------------	-------

25' c = 24.96'

0+75 P.O.C. Def 4 = 17° 11' 19"	5.74 55.75	55.25 ↓		55.10 4.52	54.60
---------------------------------	---------------	------------	--	---------------	-------

12.50 c = 12.49'

Lt

€

Rt

GRADES NLY LOOP

Curb

Gutter

Gutter Curb

1+96.35 = E.C.D. $\theta = 45^{\circ}00'$

^{0.97} 61.00 60.50

60.59

59.87 60.37

21.35 c = 21.32'

LOCATION & GRADE OF WATER VALVES IN
NOYES ST. BALBOA AVE & HORN BLEND ST.

3+01.5 6" RT = \pm W. Valve Hornblendst

C100	3.34
46.56	6.56
45.56	49.90
6.6	6.6
TOP	TOP
G.V.	6" Pipe
Stem	

\pm Balboa = 2+11.09

TBM.

44.76
G-363
4

50' RP. Disk Wly of N. of T. Hub Noyes & Balboa

CURB GRADES ON SOUTH SIDE OF
 HAWTHORNE ST. FROM JACOT LANE
 TO END OF STREET 190' E W020007

E.C. $\phi = 87^{\circ} 08' 34''$ Fd. $\frac{3}{4}$ " Pipe
 & City Disk

T.P. 242.94

$\frac{3}{4}$ $\phi = 65^{\circ} 21' 25''$

$\frac{1}{2}$ $\phi = 43^{\circ} 34' 17''$

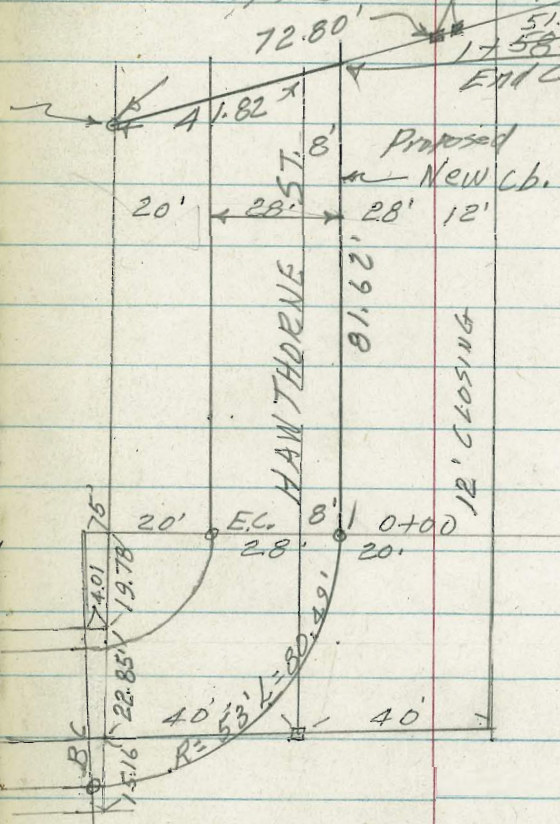
$\frac{1}{4}$ P.O.C. $\phi = 21^{\circ} 47' 08''$

$\phi = 87^{\circ} 08' 34''$ Cb. R=53'
 B.C. NE Cb. Ref

B.M. 247.46

Ref Green Street & Stampen Rt (47)
 Hawthorne St. Hoffman 2-17-56
 DWG 3156-D Blunt Kelley City Curb

NOTE: Set stakes 3' bk.
 of cb. face.



C 4.00
 46.90
 242.90

C 4.11
 48.41
 244.30

C 2.94
 48.79
 245.85

C 3.14
 50.39
 247.25

Chris D SE Cor. Cox Parch House No 2105
 Pentucket Ave

CURB GRADES S. SIDE HAWTHORNE ST.

1+20

1+00

0+77

0+57

0+37

20'

0+17

12'

Lt - C

Rt (48)

curb

C 0.95
6.58 ✓
235.63

C 0.60
6.98 ✓
236.38 ✓

C 0.44
7.68 ✓
237.24

C 0.34
8.44 ✓
238.10

C 0.19
9.29 ✓
239.10

F 0.39
39.91 ✓
240.30

5.736%

3.40%

→

CURB GRADES S. SIDE HAWTHORNE ST.

Lt-

E

Rt

(49)

2-17-56

Curb

74 40

B. M.

222.77

222.76 = E Hub Hawthorne & E. Bdy.
(1+90.88 Loose leaf x-secs.)
Index I-21

1.40
~~1+58.60~~ = END

F 12.66
21.80 ✓
234.46

1+40

F 5.46
29.43 ✓
234.89

TR-

234.01

Ref DWg 12326-A-L

TP. 1619, 1629

FB. 1739 2-23-56

LT.

Stamper

Huffman

Blunt

Kelley

(50)

GRADE STAKES W. SIDE INGRAHAM FROM

DIAMOND TO GARNET ST. W.O. 62916

Curb Gutter

B.C. Garnet $90^{\circ}38'10''$

.17
63.19 62.95
(Meet.)

$\frac{2}{3}$ P.O.C. $60^{\circ}25'27''$

~~CO⁰⁹ 60.43~~
328 3.28
63.19 62.85
⊕ 6'bk

$\frac{1}{3}$ P.O.C. $30^{\circ}12'43''$

CO⁰⁵ 60.53
32 3.32
63.27 62.79
⊕ 6'bk

Ch. E = 20' \angle = $90^{\circ}38'10''$

0+06 = E.C. N.W. Ch. Ret.

CO⁰⁶ 60.68
48 3.48
63.42 62.80

Tied out $7 \times 7'$ C.T. ^{N.W.} Set Chis/⊕ 20' Nly & 20' Wly. Garnet
& Ingraham

3' PK.

0+00 = S.L. Garnet St.

B.M.

67.21

S.W. $7 \times 7'$ Disk Ingraham & Felspar

LT

CURB GRADES INGRAHAM ST.

Curb Gutter Edge
New Pavt.

Existing \pm

E.C. Alley

CO⁰⁵
5.12
65.07 64.47

Ch. E = 3'
1+22 = B.C. Alley S.W. Ret.

CO¹³
5.12
64.99 64.32
P.K. 3' b.b.

1+00 Begin Jack Cost.

CO¹² CO⁵⁰
CO⁶³
4.81 4.81
64.69 64.02 ~~64.18~~ 64.16 64.65
3' Nail LI 64.30 64.65

0+75

CO¹⁰
4.45
64.35 Meet
Nail 3' b.b.

0+50

CO¹⁰
4.11
64.01
Pavt Nail
3' b.b.

0+25

CO¹⁰
3.78
63.68
P.K. 3'

LT. E

CURB GRADES INGRAHAM S.T.

Curb	Gutter	Edge New Part	Existing	E
------	--------	---------------	----------	---

CO. 17	CO. 71 60.84	7.31 ✓ 66.47		
		Stub 10' bk 66.60		

P.O.C. $\frac{1}{3} \Delta = 29^\circ 27' 17''$

Ch. R = 20' $\Delta = 89^\circ 21' 50''$
2+70 = B.C.S.W. Ch. Ret Fel. spar St.

Tied out 7'x7' s.w. Dist 15 sly 15' Wly. Chisl. Crosses

CO. 26	CO. 71 60.93	7.26 ✓ 66.33		
		Stub 10' bk 66.55		

~~CO. 40~~
~~CO. 58~~

2+50

66.29	6.83 ✓ 66.25	66.18	66.72
LIP	4' bk ⊕ 66.43		

~~CO. 43~~
~~CO. 66~~

2+00

65.63	6.22 ✓ 65.56 ✓	65.42	66.00
LIP	4' bk Chisl ⊕ 65.79		

~~CO. 45~~
~~CO. 73 ✓~~

1+50

65.07	5.60 ✓ 64.87	64.75	65.34
LIP	chisl ⊕ 4' bk 65.15		

EC. + 1.40 = End Curb.

65.09
(Meet)

LT

CURB GRADES INGRAHAM ST.

Curb Gutter Edge
New Part Existing ±

1+00

CO.36 ✓
026
69.67 69.90⁴ 69.70 ✓ 70.39
LIP

0+50

CO.34 ✓
9.11⁴
68.47 68.77⁴ 68.58 ✓ 69.20
LIP

3+50=0+00=Nly Line Fels par

CO.46
816 o.k. ✓
67.49 67.70⁴ 67.47 68.08
LIP ⊕ 3'bk

3+00

~~FO.23~~
~~FO.09~~
6.84⁴
~~66.93~~ 66.75 67.40
3'bk Nail
Cb 67.07

F.C. Feld's par

CO.14 CO.77
49 7.49⁴
7.39⁴ -67.35⁴ 66.72⁴ ✓
(meet)

POC 2/3 4 = 58° 54' 34"

CO.12 CO.72
CO.79
738 738⁴
67.26 66.59⁴
Stub 10'bk. 66.66

LT

CURB GRADES INGRAHAM ST.

Curb Gutter Edge
New Part Existing ±

1+00

~~C0.36~~ ✓
026
69.67 69.90^v 69.70 ✓ 70.39
LIP

0+50

~~C0.34~~ ✓
9.11^v
68.47 68.77^v 68.58 ✓ 69.20
LIP

3+50=0+00=Nly Line Feldspar

~~C0.46~~
816 o.k. ✓
67.49 67.70^v 67.47 68.08
LIP ⊕ 3'bk

3+00

~~F0.23~~
~~F0.09~~
6.84^v
~~66.93~~ 66.75 67.40
3'bk Nail
Cb ~~67.07~~

E.C. Feldspar

~~C0.14~~ ~~C0.77~~
49 7.49^v
7.39 -67.35^v 66.72^v
(meet)

Poc. 2/3 4 = 58° 54' 34"

~~C0.12~~ ~~C0.72~~
~~C0.79~~
738 738^v
67.26 66.59^v
Stub 10'bk. 66.66

CURB GRADES INGRAHAM ST.

Curb Gutter

2+35

Stub 10' bk. cb.

C0.48
3.81
73.33

2+00

Stub 10' bk. cb.

C0.50
3.02
72.52

1+75

Stub 10' bk. cb.

C0.22
2.16
71.94

NW R. & Alley

Stub 3' Nly @ H.

F0.49
0.95 ✓ 0.95
71.44 70.94

BC+7'

B.C. Alley

F0.21
1.06 ✓
71.27 ✓

1+48 = E.C. N.W. Alley ch. set
Set Line Hub Wly
Set Part-Nail Fly

Stub 30' bk.
Offsets from here
Nly are 10' bk. of
Curb.

F0.22
1.06
71.28

CURB GRADES INGRAHAM ST.

Curb Gutters

5+00 Chis 1 @ 4° bk. cb.

CO 21
989
79.68 ✓

4+50 Chis 1 @ 4° bk. cb.

CO 13
8.59
78.46 ✓

4+00 Chis 1 @ 4° bk. cb.

CO 14
7.37
77.23 ✓

3+50 Chis 1 @ 4° bk. cb.

CO 19
6.19
76.00 ✓

3+10 Chis 1 @ 10' bk. cb.

CO 49
5.56
75.07 ✓

2+70 Stub. 10' bk. cb.

CO 36
4.50
74.14 ✓

T.P.

74.50

LT
Curb Gutter
CO⁰³ CO⁷⁰

CURB GRADES INGRAHAM ST.

P.O.C. ^{3/5} Δ = 54° 00' Stub 6° bk cb

2.53 2.53
82.50 81.83

9.44'

P.O.C. ^{2/5} Δ = 36° 00' Stub 8° bk.

CO¹² CO⁷⁹
2.68 2.68
82.56 81.89

9.42'

P.O.C. ^{1/5} Δ = 18° 00' Stub 8° bk cb.

CO⁰⁵ CO⁷²
2.65 2.65
82.60 81.93

TP. 82.27
9.42

CO¹⁵ CO⁸²
2.54 2.54
82.39 81.72

cb. R=30' Δ = 90° Chis 1 @ 4° bk cb.
6+10 = BC SW Ch. Ret Diamond St.
Set. 2x2 Hub & C.T. @ Center

5+80 Chis 1 @ 4° bk cb.

CO¹⁵
1.80
81.65

5+50 Chis 1 @ 4° bk cb

CO¹⁵
81.06
80.91

2-23-56

Lt.

±

CURB GRADES INGRAHAM ST.

Curb Gutter

B.M. 85.33 ~ 85.26 N.E. Mon. Diamond & Ingraham

F.C. $\Delta = 90^{\circ}00'$ (Meet Existing)

82.10¹⁵ 81.49
(meet)

$\frac{4}{5}$
P.O.C $\Delta = 72^{\circ}00'$ θ -bk. Ch.

CO¹⁶ CO⁸⁰
246 246
82.30 81.66

F.B. 2162

GRADES GARNET ST MORRELL TO QUINCY

Lt G CB RT

W.O. 32472

Curb G

Note Stakes Set 3" bk. of G Curb
 = Curb face

0+50

CO 13
 4.66
 64.53

FO 11
 4.14
 64.25

CO 09
 4.34
 64.25
 00+

Set 35' RP PK. 35' N.W.
 " " " " " 5' W.

CO 05
 4.71
 64.66

0+25

Curb

Grade
 4.55
 64.38
 Meet

def Lt = 36° 16' 57"
 4.95
 65.00
 Meet
 R.

CO 04 CO 70
 4.98 4.98
 64.88 64.28
 94

CO 59 Meet
 4.49 4.49
 63.90 64.48

P.O.C. R Rt def Rt = 30° 00' 31"

10.47 Rt.
 8.44' Lt.

CO 04 CO 83
 4.98 4.98
 64.82 64.15
 94

CO 58 FO 07 CO 90 CO 04
 4.44 4.44 4.76 4.76
 63.86 64.51 63.86 64.51
 00+ 4.12

P.O.C. def Lt 12° 06' 13"
 def Rt 15° 00' 41"

10.48' Rt. Ch. 3' 66' cb = 8.81'
 8.45' Lt. Ch. 3' 66' cb = 7.13'
 Ch. R = 20' d = 85.94367
 = B.C. cb. Ret. Lt + Rt.

CO 78 CO 85
 4.98 4.98
 64.80 64.13
 89

CO 29 FO 39 CO 76 CO 08
 4.12 4.12 4.59 4.59
 63.83 64.51 63.83 64.51
 00+

0+00 = E. Line Morrell St 80' St.
 56' cb's. = 26' Lt. & 30' Rt. &

4 Lt = 72° 33' 54"
 4 Rt = 60° 01' 02"

B.M.

63.17

N.W. Cor Carl Wall set P.K. Nail Noyes

B.M.

62.17

N.W. 7'x7' C.T. Transferred Bench Noyes

B.M.

62.02

N.W. BP Noyes & Garnet

GRADES GARNET ST.

curb

Lt.

±

curb

Rt

curb

2+00

FO⁰⁴
368
6372

CO⁰⁵
354
6349

1+75

FO.13
368
6385

CO¹⁰
371
6361

1+50

F~~FO~~⁰⁹
390
6399

CO.11
385
6374

1+40 = W. Lat on Rt

1+25

CO⁰⁴
408
6412

FO⁰¹
386
6387

1+00

CO⁰⁴
430
6426

CO⁰⁸
408
6400

0+75

CO⁰⁴
444
6440

CO¹⁵
428
6413

CO⁰³
422
6413

GRADES GARNET ST.

		LT.	€	RT	(20)
		curb			curb
3+50		CO ¹⁴ 3.05 ✓ 62.91			FO ⁰⁴ 2.68 62.72
3+25		CO ¹⁹ 3.23 ✓ 63.04			FO ⁰⁷ 2.78 62.85
3+00	3.38	CO ²² 3.40 63.18			CO ⁰² 2.99 62.97
2+75		CO ⁰⁷ 3.38 63.31			CO ⁰³ 3.13 63.10
2+50		FO ⁰² 3.43 ✓ 63.45			CO ⁰³ 3.26 63.23
2+40 = W. Lat on RT.		FO ⁴⁸ 3.10 ✓ 63.58			Grade 3.36 63.36
2+25					

Lt.

±

Rt

(61)

GRADES GARNET ST.

curb

curb

= B.C. 20' cb Ret's Lt + Rt.
5+00 = W. Line Noyes St.

FO⁰² CO⁶⁵
208 208
62.10 61.43

CO⁷³ CO⁰⁶
201 201
61.28 61.95

4+75

CO⁰⁴
227
62.23 ✓

FO⁰³
205
62.08

4+50

CO⁰⁶
243
62.37 ✓

FO⁰¹
220
62.21

4+25

CO¹⁰
260
62.50

FO⁰³
230
62.33

4+00

CO²⁴
288
62.64 ✓

CO⁰³
249
62.46

3+75

CO²²
299 ✓
62.77

FO⁰³
258
62.59

curb	G	cb	Gut			RT	
						G	curb

GRADES GARNET ST.

CO⁰¹	CO⁵⁹	FO ¹³	LO.47			CO.63	
0.19	0.19	0.07	0.07			0.30	0.30
P.O.C.	60.20	59.60	60.20	59.60		59.67	60.30

= E.C. 20' cb Ret's. Lt + Rt.
 5+80 = E. Line Noyes St.
 = 0+00 Ahead = Begin Type
 B-2 Inlet

CO ²⁶	CO ⁰⁸					CO.75	CO ⁰⁸
0.16	0.16					0.28	0.28
59.90	59.07	51.50				59.53	60.20
		F.L. 18"					
		R.C.P.					

5+40 = E Noyes St.

60.33	60.40
-------	-------

P.O.C.

Lt. (Meet)

FO ³⁰	CO ²⁰
1.68	1.68
61.98	61.40

P.O.C.

et Meet

CO ¹⁴	CO ⁷⁷					CO.92	CO.39
2.09	2.09					1.74	1.74
61.95	61.32					60.82	61.35

P.O.C.

CO ¹¹	CO.49					CO ⁸⁶	CO ²⁶
2.12	2.12					1.96	1.96
62.01	61.63					61.10	61.70

Lt.

E

RT

(23)

Curb

Cb

Gut

G

Curb

GRADES GARNET ST.

CO⁰⁶686
56.80

1+00

CO¹⁴664
56.50FO⁰⁸767
57.75

0+75

CO¹⁷759
57.42CO²¹856
58.35

0+50

CO¹⁰845
58.35CO⁰⁶918
59.12

0+25

CO¹⁰937
59.27CO⁰⁶949
59.43

0+15 = End Type B-2 Inlet

CO⁸⁹949
58.60FO¹⁴CO²¹

P.O.C. R.L.

(Meet)

CO²⁵

60.59

CO⁸⁰

60.84

0.45
60.590.45
60.04FO⁰⁴038
60.42

P.O.C. R.L.

CO⁵⁰038
59.88FO¹³029
60.42CO⁴¹029
59.88CI⁰²0.52
59.50CO⁵¹0.52
60.01

Lt.

±

Rt

(69)

Curb G

G

Curb

GRADES GARNET ST.

		FO ⁰²				CO ¹⁴
		3.18				268
2+20		53.20				52.54
		FO ⁰⁶				CO ¹⁷
		3.72				330
2+00		53.78				53.13 ^v
		FO ²⁵				CO ¹²
		4.12				387
1+80		54.37				53.75
		CO ⁰⁷				CO ⁰⁷
		5.04				447
1+60		54.97	✓		4.41	54.40
TP	55.16					
		FO ⁰²				CO ⁰⁹
		5.50				516
1+40		55.57				55.07
		CO ⁰⁸				CO ¹⁷
		6.26 ^v				394
1+20		56.18				55.77

GRADES GARNET ST.

cb G

lt.

t

rt

(65)

G

cb

3+75	FO ⁰⁸ 864 48.72						CO ⁰⁸ 812 48.04
3+50	CO ⁰⁶ 950 49.44						CO ¹¹ 887 48.76
3+25	CO ¹⁴ 030 50.16						CO ¹³ 962 49.49
3+00	CO ¹⁹ 1.08 50.89						CO ¹² 034 50.22
2+75	FO ⁰⁶ 1.35 51.61						CO ¹³ 107 50.94
2+50	FO ⁰² 231 52.33						CO ¹² 179 51.67

Corb G

Lt.

¢

Rt

G

Curb

GRADES GARNET ST.

		CO ⁰⁷	CO ⁷⁰				CO ⁰³	CO ³⁹
		4.87	487				440	4.40
P.O.C.		44.80	44.17				4337	44.01

8.45' Lt.								
10.48' Rt.		CO ⁰⁷	CO ⁷⁴				CO ⁸⁰	CO ¹³
= B.C.S. W. Cb. Ref. 20' Cb. P.		517	517				4.53	4.53
5+00 = W. Line Olive St.		45.10	44.43				43.73	44.40

		CO ⁰⁹						CO ⁸⁶
		591						319
4+75		45.82						45.13

TP	46.73	CO ¹⁸						CO ¹⁰
		46.73						596
4+50		46.55						45.86

		CO ¹²						CO ⁰⁷
		739						6.65
4+25		47.27						46.58

		CO ¹³						CO ⁰⁶
		813						737
4+00		48.00						47.31

GRADES GARNET ST.

LT. G

LT. G

G Curb

		FO.36	CO ¹⁸			CO.68	CO ⁴
		2.59	2.59			2.51	2.51
P.O.C. R Rt.		42.25	42.41 ^v			41.83	42.40
8.44' Lt.		(meet)					
10.47' Rt.		CO ⁰⁶	CO ⁶⁰			CO.39	FO.26
		2.91	2.91			2.19	2.19
P.O.C.		42.85	42.31			41.80	42.45
8.45' Lt.		(meet)					
10.48' Rt.		FO.32	CO.35			CO.86	CO ¹⁹
= E.C. S.E. 20' Cb. Ret.		2.48	2.48 ^v			2.59 ^v	2.59 ^v
5+80 = E. Line Olney = 0+00 Ahead		42.80	42.13			41.73	42.40
		(meet)					
5+40 = G Olney St.			43.28			42.73	
				cb	Gut		
		CO⁰¹	CO ⁵³	FO ⁰⁹	CO ⁴⁸		
		4.61	4.61	4.56	4.56		
P.O.C. R Lt. N.W.		44.60	44.08	44.60	44.08		
		(Meet)					
8.44'		CO ⁰⁵	CO ⁶⁵	FO.21	CO.39	CO.33	CO.76
		4.67	4.67	4.41	4.41	4.38	4.38
P.O.C. R. S.W.		44.62	44.02	44.62	44.02	(Meet) 43.05	43.62 ^v
8.44' Lt.							
10.47' Rt.	T.B.M.		23 44.38	(settled) Set P.K. R.P. N 2 535576-H.		NE Cor Olney & Garnet	
B.M.			45.07	NW BR Olney & Garnet		(OUT)	

LT.

E

RT

(68)

Curb G

G Curb

GRADES GARNET ST.

CO²⁰

242

42.22

1+25

CO⁰⁶

1.64

41.58

CO⁰⁷

241

42.34

1+00

FO.13

1.61

41.74

FO²⁵

220

42.45

0+75

CO.14

2.05

41.91

CO.13

270

42.57

0+50

CO¹⁹

226

42.07

CO.18

2.86

42.68

0+25

CO²²

2.45

42.23

FO.41 CO⁰⁹

2.69

43.10

2.69

42.60

P.O.C. # LT.

8.44 LT.

GRADES GARNET ST.

Curb G

LT

RT

RT

G

Curb

(69)

2+60

CO.48
2.02
41.54

CO.09
0.74
40.65

2+40

CO.49
2.18
41.69

CO.12
0.94
40.82

2+20

CO.38
2.17
41.79

CO.09
1.04
40.95

2+00

CO.23
2.11
41.88

CO.12
1.20
41.08

1+75

CO.35
2.34
41.99

CO.10
1.35
41.25

1+50

CO.10
2.21
42.11

CO.16
1.57
41.41

GRADES GARNET ST.

Curb G

Lt

€

Rt

(70)

G

Curb

4+00

C0.34
9.11
38.77

C0.05
807
38.02

3+75

C0.28
962
39.34

C0.13
868
38.55

3+50

F0.02
989
39.91

C0.09
916
39.07

3+20

C0.01
060
40.59

C0.10
981
39.71

3+00

F0.09
0.91
41.00

C0.14
0.24
40.10

2+80

C0.58
1.90
41.32

C0.09
0.50
40.41

GRADES GARNET ST.

Curb G

Lt. ♀
cb Gut ♀ cb

Rt. (71)
G Curb

CO.08 CO.61
693 693
36.85 36.32

CO.05 CO.42
545 545
34.40 34.98

P.O.C. # Rt.

8.44' Lt.

10.47 Rt.

FO.05 CO.44
650 650
36.55 36.06

CO.91 CO.31
579 579
34.88 35.48

P.O.C.

8.45' Lt.

10.48 Rt.

CO.40 CO.23 FO.15 CO.68 CO.89 CO.06 CO.90 CO.07
6.90 6.90 6.33 6.33 5.96 5.96 5.97 5.97
5+00 = W. Line Pendleton 36.50 35.67 36.50 35.67 35.07 35.90 35.07 35.90

= B.C. NW. & SW. 20' Cb. Rets

5+00 = W. Line Pendleton

CO.43 CO.26
7.18 7.18
36.75 35.92

CO.90 CO.07
6.20 6.20
35.30 36.13

4+89 = NW Type A-2 Inlet
SW Type B-2 Inlet

CO.19
7.26
37.07

CO.05
6.48
36.43

4+75

CO.32
7.96
37.64

CO.04
TP- 7.00
36.96

4+50

CO.35
8.55
38.20

CO.02
7.51
37.49

4+25

B.M.
B.M.

37.72
36.65

20' RP. TO NW 7x7' C.T. Nly Chrisl Cross
NWBP Pendleton & Garnet

GRADES GARNET ST.

curb G

Lt

E

Rt

(72)

G curb

	CO ⁰³	CO ⁶²		CO ⁶⁹	CO ¹⁹
	640	640 ^v		469	469
P.O.C. P. Rt.	36.37	35.78		34.00	34.50
8.44' Lt.					
10.47' Rt.	CO ³³	CO ²⁹		CO ⁴⁸	FO ¹⁰
	636	636		490	490
P.O.C.	36.03	35.37		34.42	35.00
8.45' Lt.					
10.48' Rt.	CO ⁹¹	CO ¹⁵⁸		CO ⁷¹	CO ⁰⁴
= E.C. NE + SE 20' cb. Ref's.	6.61	6.61		5.19 ^v	5.19 ^v
5+80 = E. line Pendleton = 0+00	35.70	35.03		34.48	35.15
	85 ^b				
	cb.				
= SW 7/110					
5+60 = N.W. 7/110					
5+40 = E. Pendleton St.		35.43		34.85	
E.C. N.W. $\angle = 90^\circ$	37.35	36.85			
	CO ²⁸	CO ⁸⁴			
	747 ^v	747 ^v			
P.O.C. P. Lt.	37.19	36.63 ^v			
8.44					

GRADES GARNET ST.

d = 3.437746

L = 68.23'

Δ = 70° 49' 06" R = 500'

1 + 0.5 = B.C. Chet on Lt.

	Curb G	Lt. Std 6" Curb	€	Rt Curb G 3° bk.	Curb Rough
	C 2.88	C 2.27		C 0.21	F 2.05
	5.18	5.18		2.52	0.26
	32.30	32.91		32.31	32.31
	C 1.31	C 0.70		F 0.02	F 2.38
0 + 75	4.58	4.58		3.21	0.85
	33.27	33.88		33.23	33.23
	C 1.11	C 0.50		C 0.03	F 2.55
0 + 50 Begin 6" Std. Cb. on Lt.	5.19	5.19		4.03	1.45
	34.08	34.69		34.00	34.00
	C 1.01			C 0.05	
0 + 25	3.98			4.62	
	34.89			34.57	34.57
	F 0.05	C 0.62			
BC + 16' - N. End of PE B-2 Inlet	7.53	7.53			
	37.58	36.91			
	F 0.09	C 0.63			
B.C.	6.90	6.90			
	36.94	36.27			
6.09'	F 0.07	C 0.48			
	6.63	6.63			
P.O.C. #	36.70	36.15			

GRADES GARNET ST

	Curb G	6" Std Curb		Rt	Curb G	Curb Rough
$d = 2.565482$ $\Delta = 6^\circ 11' 57''$ $L = 72.49'$ $2 + 21 = B.C. \text{ on Lt. } Ch. R. = 670'$	C 3.48 2.03 28.55	C 2.87 2.03 29.16		F 1.48 6.77 28.25 G		
$2 + 00$	C 3.29 2.52 29.23	C 2.68 2.52 29.84		F 1.72 7.10 28.82 G		
$1 + 75.64 = \text{E. End of Inlet } def \Delta = 4^\circ 02' 50''$						
$def \Delta = 3^\circ 54' 33''$ $C = 68.17'$ $1 + 73.64 = P.O.C. \text{ End of Inlet on Rt.}$		C 2.82 C 2.21		F 1.31 8.89 30.20 RR 8' BK		F 1.87 8.33 30.20
$1 + 81 = 12' \text{ E. of Inlet on Lt.}$	C 0.47 30.32 29.85	C 1.14 30.32 29.18		F 1.16 28.10 29.26		F 1.99 28.10 30.09
$1 + 69 = \text{Type K Inlet on Lt.}$ $1 = 3^\circ 51' 33''$	30.23 C 0.01 30.63 30.62	29.40 C 0.68 30.63 29.95	30.84	P.O.C. $def \Delta = 4^\circ 26' 54''$ $1 + 82.64$ RR 5' E. of E. End of Inlet 19' P.O.C. $Def \Delta = 3^\circ 21' 55''$ $1 + 63.64$ $C = 58.61$ RR 12' W. of Inlet	F 0.36 29.46 29.82	F 1.09 29.46 30.49
$1 + 57 = 12' \text{ W. of Inlet on Lt.}$	C 3.37 4.21 30.84	C 2.76 4.21 31.45		F 0.92 30.93		F 1.77 9.16 30.93
$def \Delta = 2^\circ 34' 42''$ $1 + 50 = P.O.C. \text{ on Rt.}$						
$def \Delta = 1^\circ 08' 45''$ $1 + 25 = P.O.C. \text{ on Rt.}$	C 3.13 4.78 31.65	C 2.52 4.78 32.26 3' BK		C 0.10 1.79 31.69		F 1.93 9.76 31.69 5' BK Prob

Lt.

±

Rt

(75)

GOT

Curb

GRADES GARNET ST.

00yb

G

6" 5th Ch.

C4.96
1.16
26.20

C4.35
1.16 ✓ 1.15
26.81

F0.79
5.32
26.41
26.04

P.O.C. def $\Delta = 3^{\circ}06'$
2 + 93.49 = End Ch on Lt.

3+00

C4.52
1.32
26.80

C3.91
1.32 ✓
27.41

F1.02
5.77 ✓
26.79

2 + 75 P.O.C. def $\Delta = 2^{\circ}18'32''$

C3.51
1.12
27.61

C2.90
1.12
28.22

F1.19
6.27 ✓
27.46

2 + 50 P.O.C. def $\Delta = 1^{\circ}14'24''$

14

C3.21
1.77
28.06

C3.10
1.77 ✓
28.67

27.84

2 + 36 POC def $\Delta = 0^{\circ}38'30''$

15'

3-15-56

Stamper
Huffman
Blunt
Kelley

30" RCP DRAIN S. SIDE GARNET FROM W.
SIDE PENDLETON, THENCE ELY.

1+00
25'

C 7.34
35.01 ✓
27.67
10' Et

0+75

C 7.12
34.99
27.87
9' Et. chisled

17

0+58 = 6 Type "F" C.O. = Sect. 30" RCP
To N.

FO ⁴⁷	C4 ³³	C5 ⁸³
33.83	33.83	33.83
34.30	29.50	28.00
Top C.O.	Inlet 18"	Outlet 30"

0+29

C4⁶¹
4.67
30.00
9' Et

0+00 = B.C.S.W. Ch. Ret. Pendleton & Garnet

FO ⁰⁸	CO ⁷⁵	C5 ³⁶
35.86	35.86	35.86
35.94	35.11	30.50
cb.	G.	F.L.

T.B.M.
B.M.

37.72
36.65

chisled 20' R.P. to 17' C.T. N 1/4 of N.W. Cor. of Pendleton & Garnet
N.W. B.P. Pendleton & Garnet

30" RCP DRAIN

53.6
 2+52 = 4 Type K. Ch. Inlet
 = Jct. 18" RCP N14 = 0+00.5

2+26

TP. 30.17

2+00

1+85 = 4 Rt Line Only

1+75

1+50

1+25

	44	61	C129	C129
	F2.63	F1.80	27.79	27.79
	27.79	27.79	26.50	26.50
	30.42	29.59		
	23	40		
	Top. Ch	Gut	Inlet	Inlet
		BR10'et.	30"	18"
	RR20'et.		C2.44	
	Line Only		9.14	
			26.70	
			10'et.	
			C3.17	
			30.07	
			26.90	
			10'et.	
			C3.76	
			30.86	
			27.10	
			10'et.	
			C4.09	
			31.38	
			27.29	
			P.K. 10'et.	
			C7.42	
			34.90	
			27.48	
			10'	

60'-18" R.C.P. NLY FROM "TYPE" K"
INLET.

NOTE: Drains Contd. in G-363
2

65' ±
0+60 = 1+69 N. cb. Sta.

44
0+40

22
0+20

0+00 = "TYPE" K." C.O. = 1+76¹⁴ cb. Sta.
slg. cb. Line Garret.

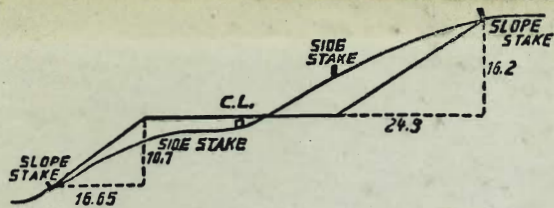
50 33
~~C 3.69~~ C 4.52 C 6.82
33.92 33.92 33.92 ✓
30.43 ✓ 29.50 ✓ 27.10 ✓
Top cb. Gut = FL. 18"
EPID

C 2.84
9.74 ✓
26.90

0.92590

C 2.86
9.56 ✓
26.70
10'R

26.50
Inlet 18"



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

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

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