1715

EUGENE DIETZGEN CO.

DRAWING MATERIALS, MATHEMATICAL and SURVEYING INSTRUMENTS

Chicago New York San Francisco New Orleans Pittsburg Toronto

Distances from Center of Roadway for Cross-Sectioning
Roadway 16 feet wide. Side Slopes 1 on 1.
For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	0
1	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	1
2	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	2
3	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	3
4	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	4
5	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	5
6	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	6
7	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	7
8	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	8
9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	9
10	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	10
11	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	11
12	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	12
13	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	13
14	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	14
15	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	15
16	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	16
17	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	17
18	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	18
19	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	19
20	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	20
21	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	21
22	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	22
23	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	23
24	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	24
25	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	25
26	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	26
27	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	27
28	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	28
29	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	29
30	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	30
31	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	31
32	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	32
33	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	33
34	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	34
35	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	35
36	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	36
37	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	37
38	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	38
39	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	39
40	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be 30.6+(20—16)÷2 or 2 ft. added to 30.6 =32.6. For slopes of 1 on 1½ see inside of back cover.

1715

CITY ENGINEER'S OFFICE

Completely

This Field Book is manufactured of a High Grade 50% Rag Paper having a WATER RESISTING SURFACE, and is sewed with Bing Special Enamel Waterproof thread.

Made in U. S. A.

Tang. Reduced = Baseline = # Frontier

Xsec Hornblend to Graham to Jewett 41

Proposed drain in Hornet Tr.
South of Bird Rock add. — 47

Proposed Sewer El Cajon Blvd. East of 73rd St 67-68

Xsec Landis, 47th to Euclid 69

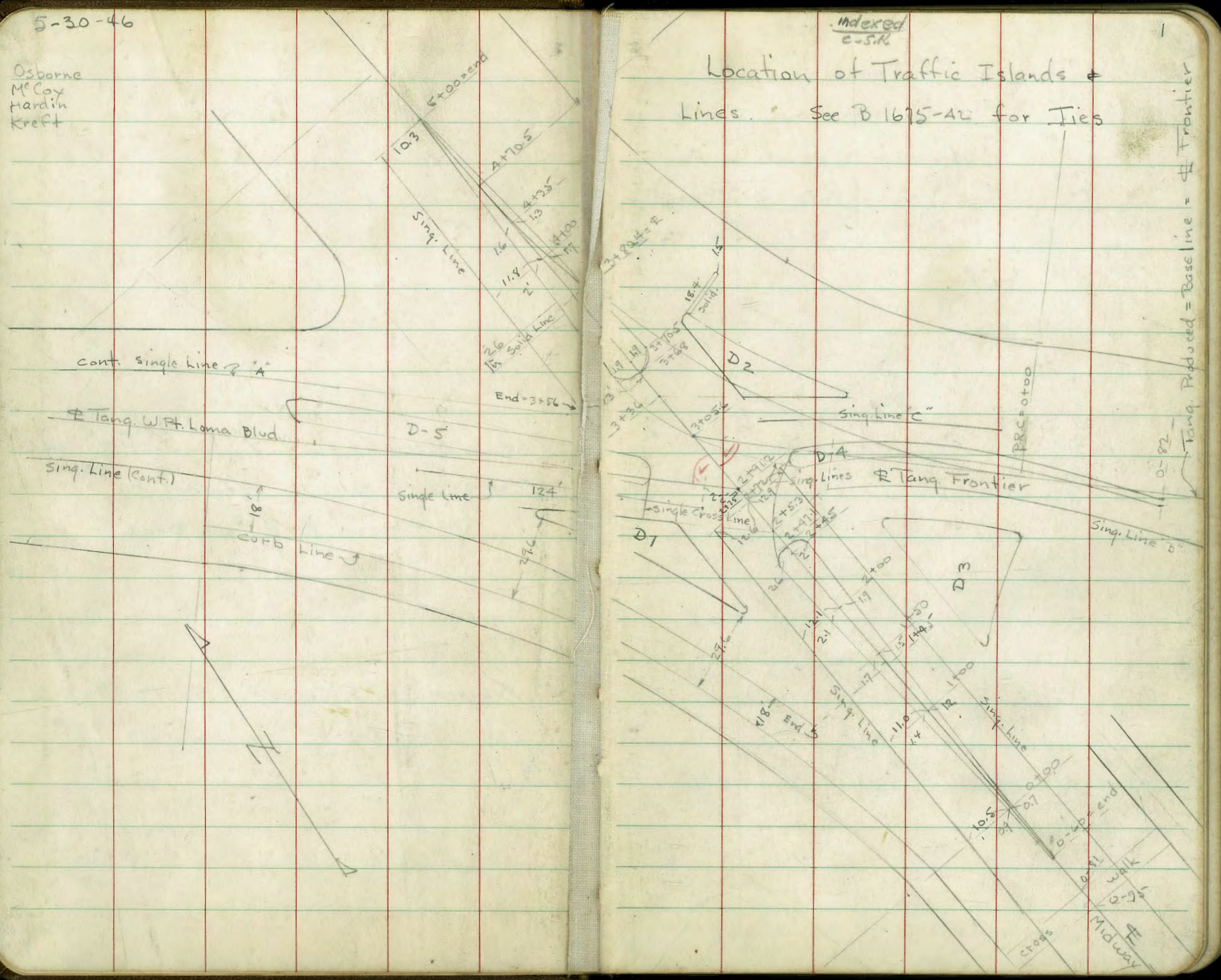
5-30-46

Osborne
McCoy
Hardin
Kreft

Indexed
C.S.K.

1

Location of Traffic Islands & Lines. See B 1675-42 for Ties



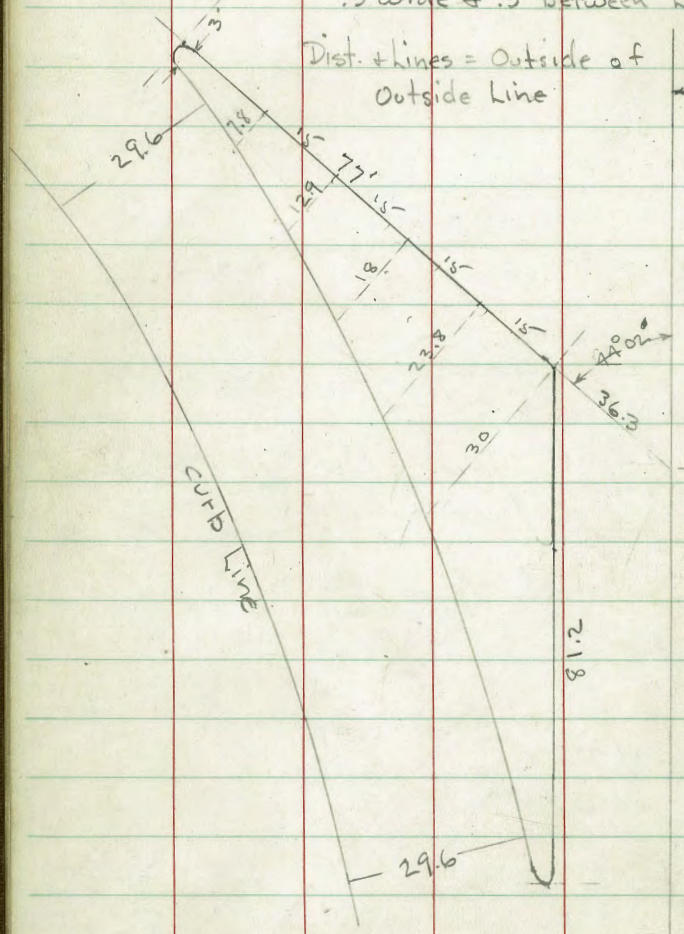
Detail - for Loc. of Islands

D-1 - See P. 1

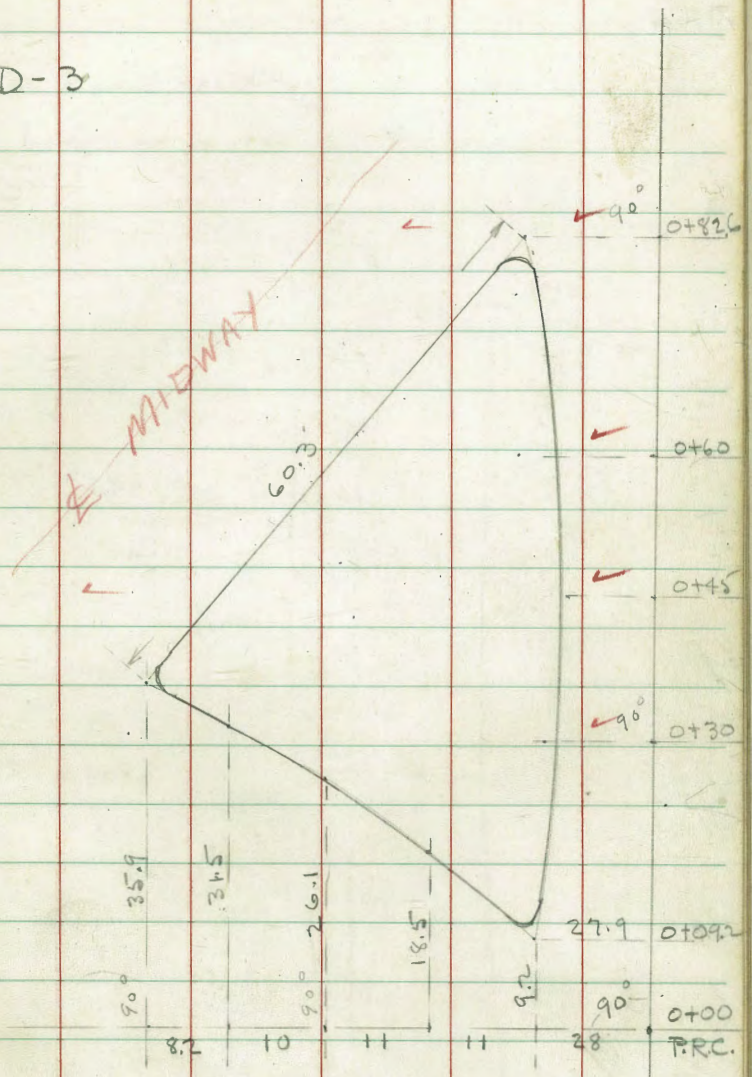
Islands Have Double lines .3 wide & .3 between lines

Dist. & lines = Outside of Outside Line

Base Line & Midway

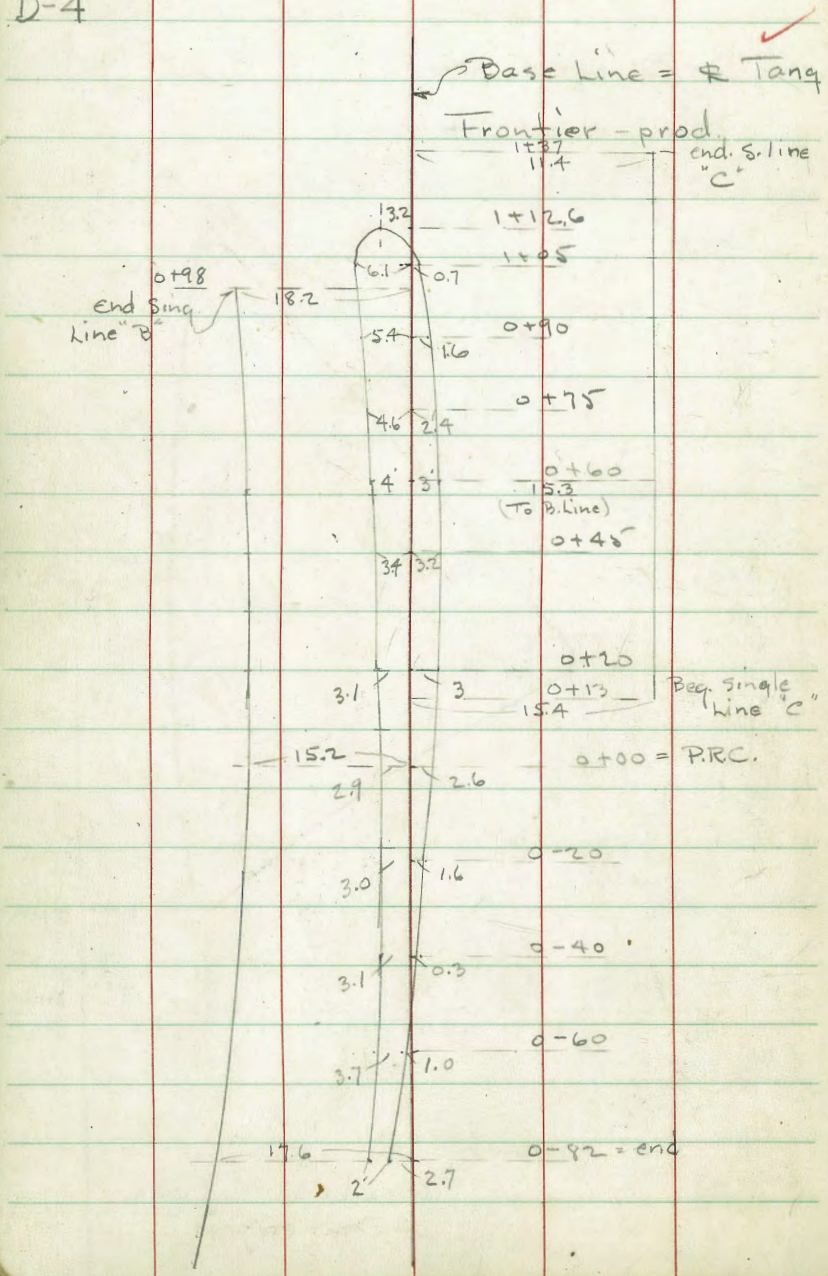


D-3

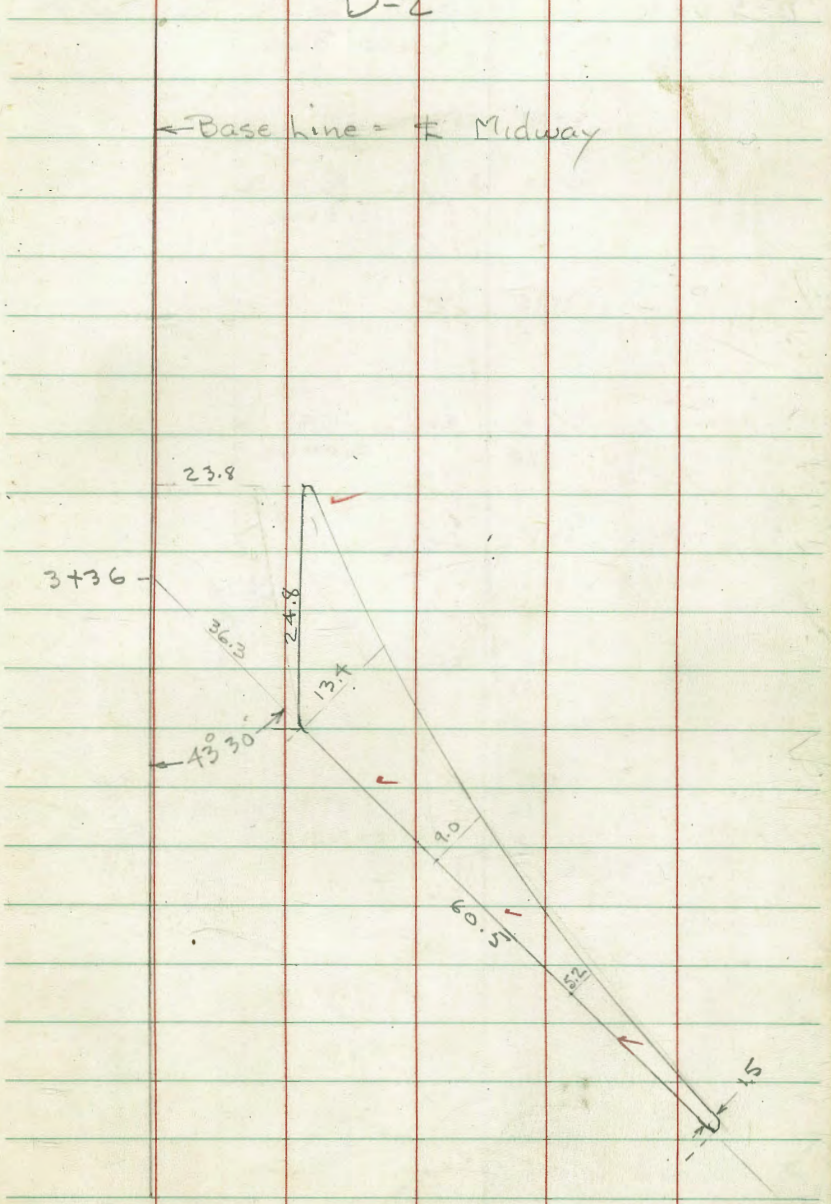


Base line = ℄ Tang. of Frontier prod.

D-4

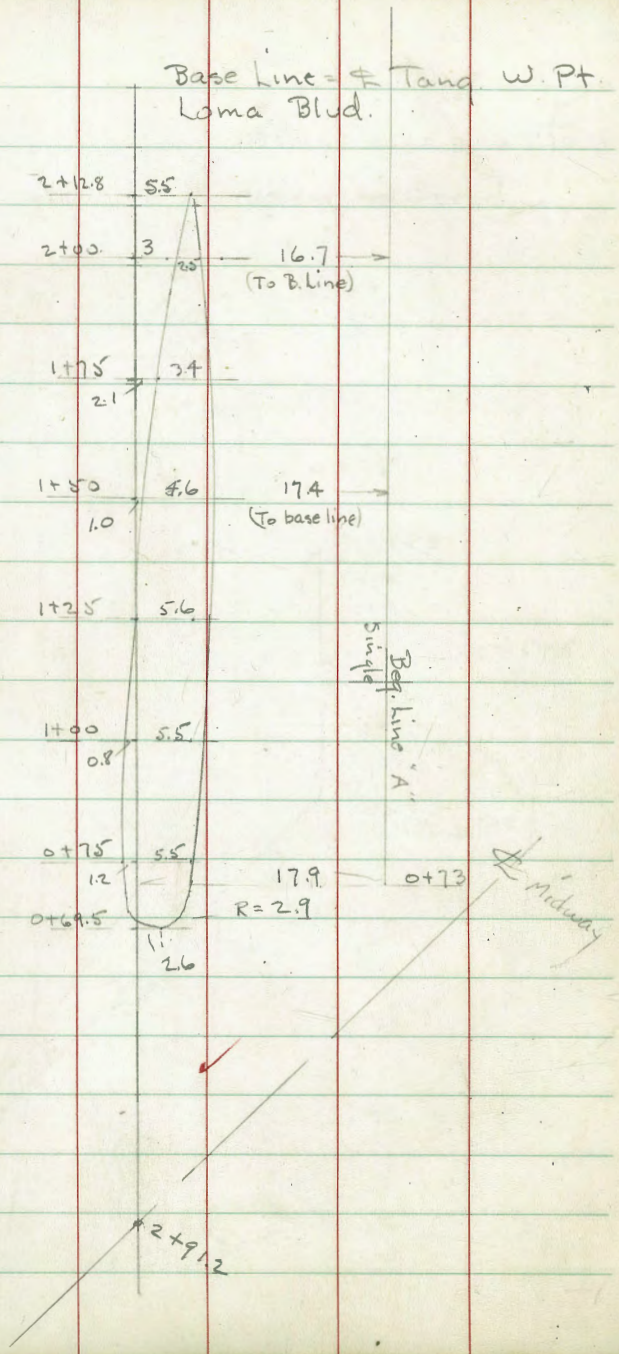

Base Line = ℄ Tang
Frontier - prod.
1+37
11.4
end. S. line "C"
13.2
1+12.6
1+05
6.1
0.7
0+98
end Sing Line "B"
18.2
0+90
5.4
1.6
0+75
4.6
2.4
0+60
4'
3'
15.3
(To B. Line)
0+45
3.4
3.2
0+20
3.1
3
0+13
Beg. Single Line "C"
15.4
15.2
0+00 = P.R.C.
2.9
2.6
0-20
3.0
1.6
0-40
3.1
0.3
0-60
3.7
1.0
17.6
0-82 = end
2'
2.7

D-2


Base line = ℄ Midway
23.8
3+36
24.8
36.3
13.1
43° 30'
9.0
6.0.5
0.72
1.5

D-5

Base Line = ℄ Tang. W. Pt. Loma Blvd.



Indexed
C.S.A.

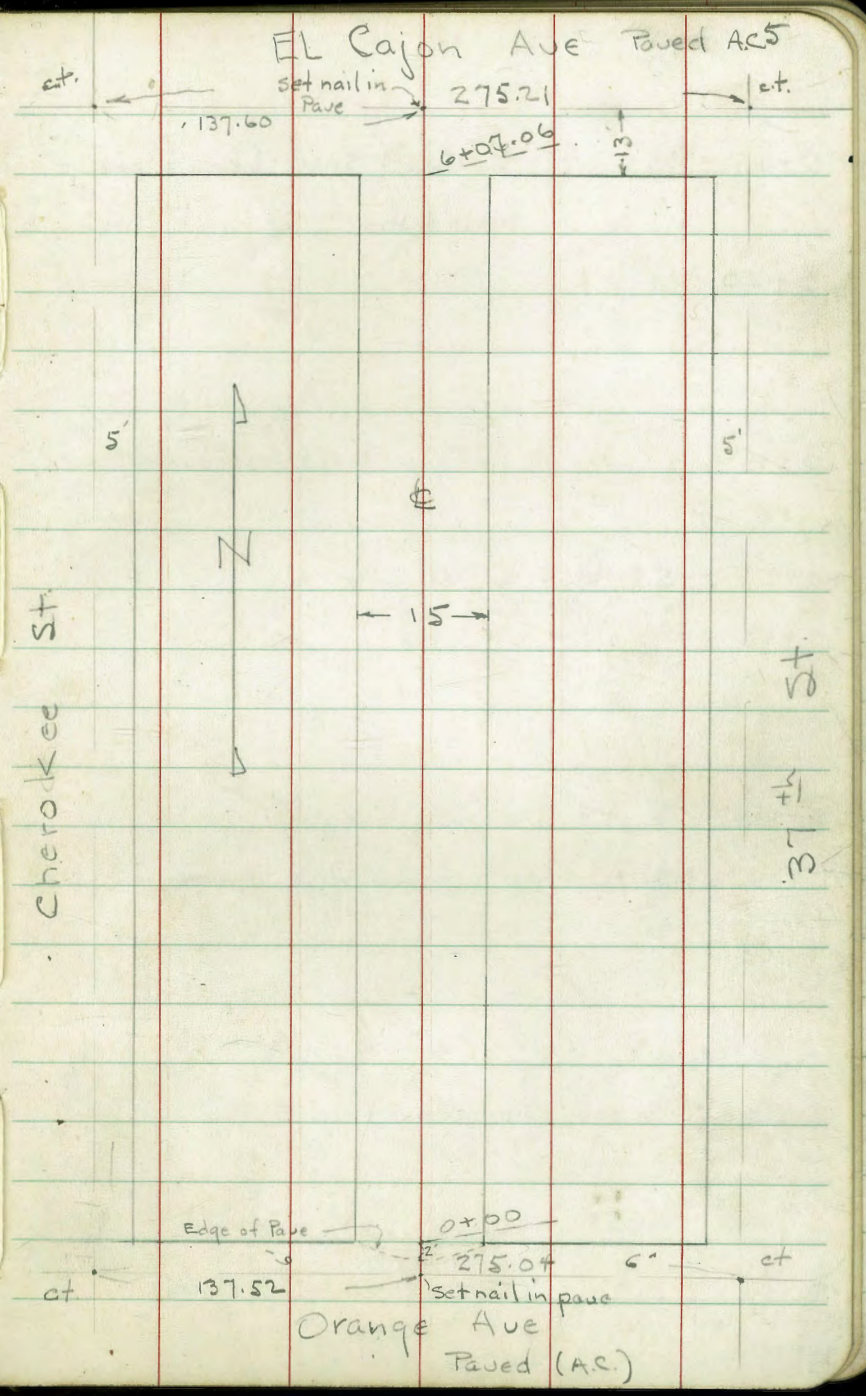
X-Sect. 15' Alley in Blk. 33

Terralta. Ties B. 23-P. 13

Sub. H&I

6-6-46

Osborne
McCoy
Hardin



0+67	30.2 Lt.	℄ 12'x9' shed - Conc. floor + Wash tubs			
0+50					
0+39	8' Lt.	℄ 3.5' Conc. Porch for back door			
0+24	5.8 Lt.	℄ Tel. pole			
0+12					
0+08	6' Lt.	= Dead man for guy			
0+00	N.L. Orange	℄ Beg. Wire fence	7.1 Lt.		
0-14	N. cb. line Orange				
	3.54	376.67	7.89	373.13	
B.M.	3.97	381.02		377.05	

N.W. B.P. Wilson + Orange

372.73

30.2 on Conc floor shed

W Lt.		℄		E. Rt.	
372.57		372.59		372.47	372.27
4.1		4.1		4.2	4.4
7.5				7.5	3.0
372.73	372.79				
3.94	2.88				
Top Conc walk along house	8 Top of conc. porch				
373.07		371.87		371.97	
4.6		4.8		4.7	
7.5				7.5	
371.18	370.71	370.59	370.5	370.97	
5.49	5.96	6.14	5.87	5.70	
7.1	7.1		7.5	7.5	
Top cb end ret.	gut	on edge of Pave 2.5. See sketch	gut	Top cb end ret.	
371.56	370.69	370.93	370.35	370.22	370.17	370.86	370.47	369.96
5.31	5.98	5.74	6.32	6.45	6.50	5.81	6.20	6.71
60	60	7.5	7.5		7.5	7.5	60	60
Top cb	gut	Top cb Alley Ret. 2' Rad.	gut	on Pave	gut	Top cb	Top cb	gut

376.67

	Lt.	℄	Rt.	
2+06 = ℄ Single gar. on Rt. Dirt floor				
T.P.	5.32	378.29	3.70	372.97
1+75				
1+50 - 7.2 Lt. = end board fence				
1+03 - 7.2 Lt. edge of post - board fence (angle in fence				
1+01 - 6' Lt. = ℄ P. pole				
1+00				
0+88 - 5.7 Lt. = dead man for guy				
0+75 = 7' Lt. = end wire fence - 7.5 Lt. = beg. board fence				
0+65 = ℄ Single gar. on Rt. Conc. floor & apron				

372.99 5.3 7.5 | 373.09 5.2 | 372.89 5.4 7.5 | 372.69 5.6 12.4 = Floor Gar.

378.29

372.87 3.8 30' | 372.77 3.9 10 | 373.17 3.5 7.5 | 372.97 3.7 | 373.17 3.5 7.5 | 372.47 4.2 10. | 372.27 4.4 50.

373.07 3.6 7.5 | 372.67 4.0 | 372.67 4.0 7.5

373.47 3.2 20 | 372.97 3.7 7.5 | 372.67 4.0 | 372.57 4.1 7.5 | 372.17 4.5 25

372.31 4.36 8 edge Apron | 372.57 4.10 20 floor

376.67

3+50

3+05 = ℄ Gar. on Rt Conc. floor + apron

Note - using drive to 37th thru another gar.

3+00

2+83 = ℄ Single gar. on Rt. Conc. floor (not used)

2+58 = ℄ Single Gar. on Rt. - Conc. floor (not used)

2+50 - 6' Lt. = ℄ P. pole

Lt.		℄		Rt.	
373.19				373.19	373.29
5.0	373.29	373.39		5.10	5.0
1.5	4.9	4.9		7.5	1.5
	7.5				

			Rt.	
			373.19	373.29
			5.10	5.00
			9.6	15.7
			edge Apron	Conc. floor

373.29	373.19	373.39	373.19	373.29
5.0	5.1	4.9	5.1	5.5
1.5	7.5		7.5	8.0

372.97
5.32
16.6 = Conc. floor gar.

373.06
5.23
16.4 = Floor gar. on conc.

373.19	373.59	373.29	372.89	372.59
5.1	4.7	5.0	5.4	5.7
2.0	7.5		7.5	2.5

378.29

4+19 - on Conc. slab

4+12 = Approx. beg of Rough irregular Conc. slab in Alley

4+04 = S. end 3 car Gar. on Lt. - Conc. floor

? 4+03 = ℄ 4' Rough Conc. walk on Lt.

4+00 - 6' Lt = ℄ P. pole

3+91 = ℄ Single Gar. on Lt. - Conc. floor (not used)

3+60 = ℄ Single Gar. - Conc. floor - on Lt. (not used)

℄

Lt. 374.19 — 374.09 — Rt. 374.29

4.1 — 4.2 — 4.0

12 = W. edge — 8 = E. edge

373.99 — 374.09 — 374.09

4.3 — 4.2 — 4.2

W. edge 2 — 8 = E. edge

374.21

4.08

15.8

Floor Gar.

374.07

4.22

6.4 = edge of walk

373.49 — 373.79 — 373.79 — 373.69 — 373.49

4.8 — 4.5 — 4.5 — 4.6 — 4.8

20 — 7.5 — 7.5 — 20

373.79

4.50

14.7

Floor Gar.

373.60

4.69

12.6

Floor Gar.

378.29

5+25 - 7.2 Lt = ℄ P. pole

5+10

5+02 - 7.7 Lt = end wire fence - beg board fence

5+00.5 7.7 Rt = Beg. Conc. Bld. on Rt.

4+93 -6.8 Lt = wire fence

4+75

4+70 - 10.5 Rt = ℄ 2' Conc. walk

4+52 - 7.6 Lt - beg. wire fence

4+40 = End. Conc. Slab.

4+34 - on slab.

4+32 = N. end of Gar. on Lt. Conc. floor

	Lt.	℄		Rt.
	375.39	374.29	374.59	374.59
	2.9	4.0	3.7	3.7
	10	7.5		7.5
	375.59	373.49	374.09	374.59 / 374.09
	4.4	4.3	4.2	3.7 / 4.2 / 374.32
	15	7.5		7.5 / 20 / 4.07
				10.5 = on walk
	373.69	374.19	374.19	374.19 / 374.29 / 374.09
	4.6	4.1	4.1	4.1 / 4.0 / 4.2
	16	7.5 = W. edge	on Conc.	5 = E. edge / 7.5 / 20
	374.39			
	3.9			
	W. edge 12			
	374.19			
	4.10			
	15.9			
	Floor Gar.			

378.29

check B.M.			3.17	377.07	377.05
	8.21	380.24	7.21	372.03	
T.P.	2.75	379.24	3.34	376.49	S.W. B.P. Cherokee + El Cajon

6+27.06 = S. cb. Line El Cajon

6+07.06 = S.L. El Cajon - 7.5 Lt. = end Stucco Bld
7.6 Rt. = end Conc. Bld

T.P.	5.17	379.83	3.63	374.66	

5+85

5+70 - 7.4 Lt. = end board fence - beg. Stucco Bld.

5+50

5+31

℄

Lt.					Rt.			
375.16	374.79	374.92	374.53	374.43	374.37	374.73	373.79	374.42
4.67	5.04	4.91	5.30	5.40	5.46	5.11	6.04	5.41
4.5	4.5	7.5	7.5		7.5	7.5	7.0	7.0
Top cb.	gut.	Top cb.	gut.		gut	Top cb. Alley Ret 2' Rad.	gut	Top cb.
375.23	375.13			374.77	374.72	374.92		
4.60	4.70			5.06	5.11	4.91		
7.5	7.5				7.6	7.6		
					gut.	Top cb. end of Alley Ret.		

379.83

375.29		375.39	375.39
3.0		2.9	2.9
7.4			7.5
375.19	374.79	374.79	374.79
3.1	3.5	3.5	3.5
12	7.5		7.5
375.59	374.89	375.09	374.99
2.7	3.4	3.2	3.3
10	7.5		7.5

378.29

Indexed
C.S.K.

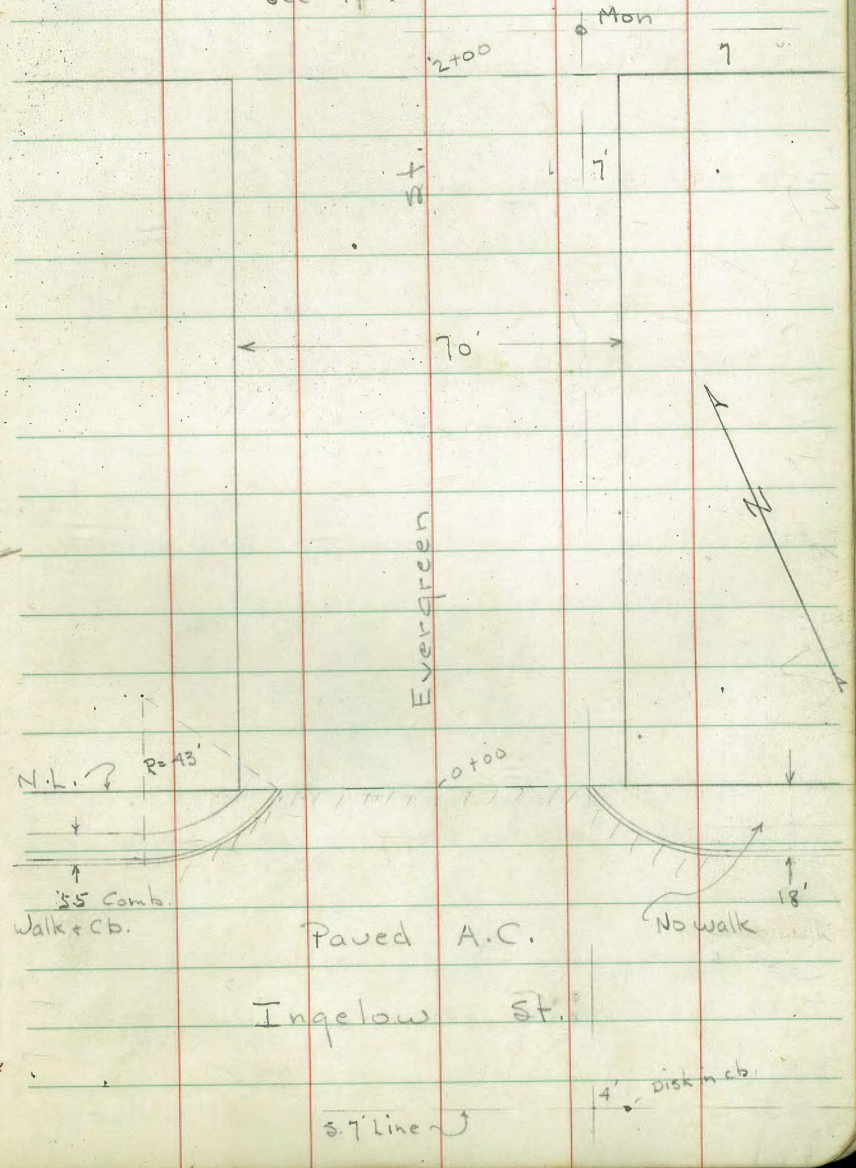
12

X-Sect Evergreen + from Jarvis to Ingelow

9-25-46
Osborne
Hardin
Worrell

Jarvis St. - Dirt - Graded

See 1728 - 21



X-Sect. of Evergreen - 70' st. 18' cbs
from Ingelow to Jarvis

0+90 = ℄ Doub. Gar. on Lt. Conc. floor + Apron

0+74 - 34.4 Lt. = ℄ 15' Conc. walls

0+70

0+50 - 25' Lt. = ℄ P. pole

0+30

0+10 - 39.3 Lt. = ℄ Sing. Gar. & Conc. floor & Apron

0+05

+27' Lt. = E. end 12" Rock wall - 2' High - along N.L. of Ingelow

0+00 = N.L. Ingelow = edge of A.C paving

0-18 = N. cb. line of Ingelow

B.M. 8.29 31.14 ✓ 22.85 S.E. ⅞ Mon. Jarvis & Evergreen 1728

℄

Lt. = W. Rt. = E

27.99 3.20 39.3 = Floor gar. 27.36 3.78 33 = Apron

27.78 3.36 34.4

27.7 3.4 35 | 26.9 4.2 17 | 26.8 4.7 | 26.1 5.0 12 | 26.3 4.8 17 | 25.✓ 5.9 35

27.9 3.2 35 | 27.1 4.0 17 | 26.3 4.8 | 26.0 5.1 10 | 26.3 4.8 17 | 25.✓ 5.9 35

28.97 2.17 39.3 Floor 28.58 2.56 35.3 = apron

28.0 3.1 35 | 27.5 3.6 23 | 25.7 5.4 17 | 25.1 6.0 | 24.5 6.6 17 | 25.3 5.8 25 | 24.9 6.2 35

26.2 4.9 35 | 26.04 5.10 32.5 | 25.97 5.17 25 Top cb. end. Ret. | 25.47 5.67 25 gut. | 25.36 5.78 17 | 25.14 6.00 9 | 24.83 6.31 | 24.59 6.55 9 | 24.28 6.86 17 | 23.83 7.31 25 gut | 23.34 6.80 25 Top cb. end Ret. | 23.3 6.8 35

Back of walk

27.47 3.67 60 Top cb PC Ret. | 27.01 4.13 60 gut | 26.07 5.07 35 | 25.41 5.73 17 | 24.86 6.28 | 24.23 6.91 17 | 23.59 7.55 35 | 22.85 8.69 60 gut. | 22.95 8.19 60 Top cb PC. Ret 43' Rad.

31.14 ✓

2+00 = S.L. Jarvis = end.

1+90 - 34.6 Lt. = end fence

1+58 - 34.7 Lt. = Beg Lath fence

1+50

1+40 34.6 Lt. = end fence

1+00 - 34.6 = Lt. = Beg. picket fence

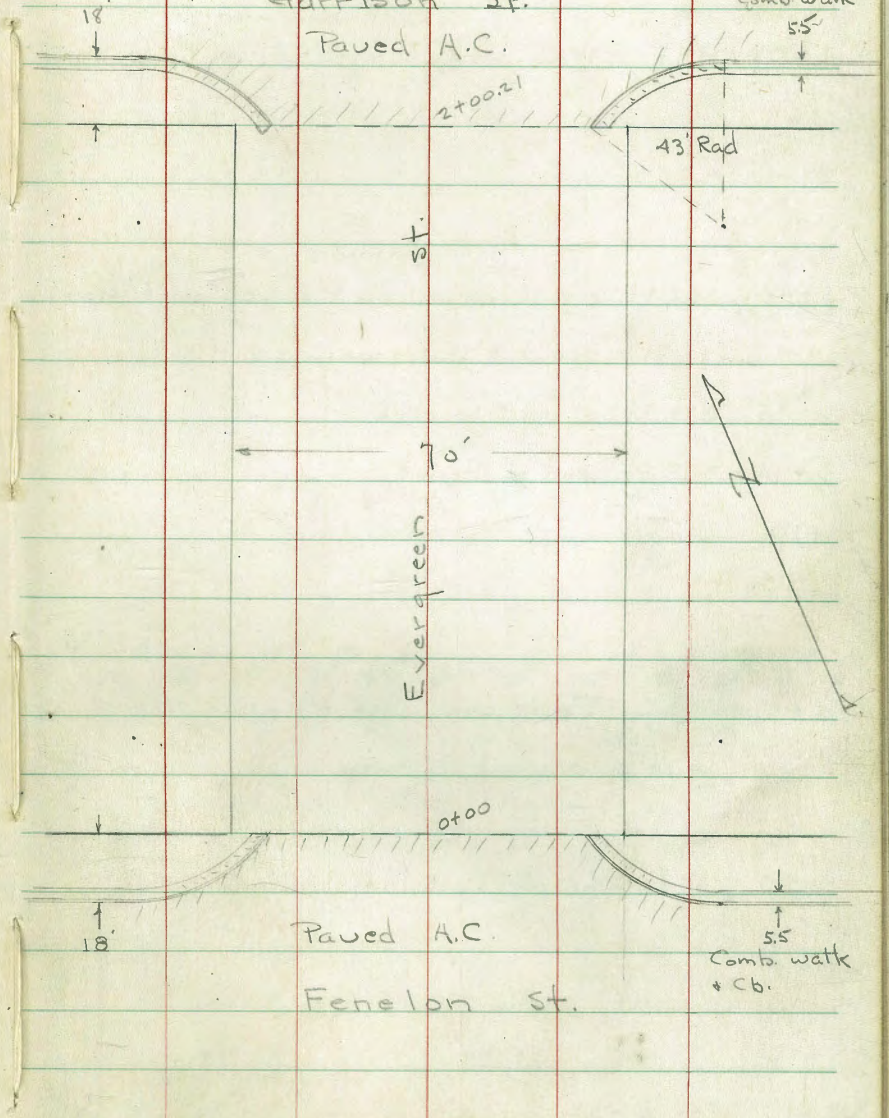
℄

Lt.				Rt.	
26.1	25.0	24.6	24.2	23.1	
5.0	6.1	6.5	6.9	8.0	
35	17		17	35	
27.1	26.8	25.2	24.7	23.5	22.9
4.0	5.3	5.9	6.4	7.6	8.2
35	17		17	35	50
27.2	26.5	26.0	25.6	26.1	25.7	24.9
3.9	4.6	5.1	5.5	5.0	5.9	6.7
35	17		10	17	35	50

31.14

X-Sect. Evergreen - Fenelon to Garrison

Osborne - 9-25-46



X-Sect. Evergreen - 70' st. - 18' cbs.

Lt. = W. ℄ Rt. = E.

with basement

0+57 - 31' Lt. = ℄ 3' Conc. walk - + 3.94 Lt. = Side of large house

0+50

House

0+40 - 34.2 Rt. = end Stucco wall - + 37.8 Rt. = S.W. Cor. of offset in

0+18 - 34' Rt. = Second 8" Stucco wall - 5.5' High

0+15 - 33.8 Rt. = ℄ 1.5' Conc. Walk

0+14 - 31.7 Rt. = end of Hedge

0+10

0+00 = N.L. Fenelon = edge of pave

0-01 = 31.7 Rt. = beg. W. edge of 1.5' Hedge - 2' High

0-18 = N. cb. line of Fenelon

	4.37	32.47 ✓	4.19	28.10	
T.P.	5.51	32.29 ✓	4.36	26.78	
B.M.	8.29	31.14 ✓		22.85	P. 13

32.47 ✓

30.1 29.4 28.5 28.0 27.5 27.1 ✓ 26.1 ✓ 30.45 2.02 3.9.9 ✓ +1.95 26.79 5.68

2.4 3.1 4.0 4.5 5.0 5.3 6.3 3 1 on walk 39.4 39.4

35 27 23 17 17 35

Floor elev of House

elev. floor basement

27.2 ✓

5.25

37.8 = Floor of House

26.2 ✓

6.25

39.8 on walk

29.2 29.0 26.4 26.1 25.9 25.5 25.7 25.0

3.3 3.5 6.1 6.4 6.6 7.0 6.8 6.5

35 30 22 17 10 17 35

26.5 26.29 26.14 25.60 25.52 ✓ 25.42 25.31 25.28 24.94 24.69 25.33 25.38 25.5

6.0 6.18 6.33 6.87 6.95 7.05 7.16 7.29 7.50 7.78 7.14 7.09 7.0

35 30.5 25 25 17 8 8 17 24.8 24.8 30.8 35

Back edge walk Top end Ret. gut. gut. Top end Ret. Back edge of walk

27.95 27.41 25.87 25.09 24.64 24.33 24.13 23.38 25.00

4.52 5.06 6.60 7.38 7.83 8.14 8.34 9.09 8.47

60 60 35 17 17 35 60 60

Top cb. P.C. Ret. gut. gut. top cb. P.C. Ret.

Lt. ℄ Rt.

1+50

30.6 30.0 28.4 27.9 27.8 26.8 26.0
1.9 2.5 4.3 4.6 4.7 5.7 6.5
35 26 17 17 35 50

1+20 27.5 Lt. = N. side apron + 39.4 Lt. = floor of Gar.

31.39 30.00
1.08 2.47
39.4 27.5 = apron
floor

Doub. Gar. conc. floor

1+05 24.9 Lt. = N. side of slab. + 27' Lt. = S. side Conc. apron to

30.06 29.81
2.41 2.66
27. 24.9 = N. side slab
S. side apron

1+00

30.38 29.69 28.3 28.0 27.4 26.8 25.6
2.09 2.83 4.2 4.5 5.1 5.7 6.9
35 24.8 17 17 35 50
on slab. edge slab

Aprons to gararges

29.61 29.25
2.86 3.22
24.8 24.8 = edge
Top at s. side at N. side
of slab. apron

0+99 = 24.8 Lt. = N. side of apron + S. side of slab walk between

30.00 29.75 26.40
2.47 3.22 6.07
39.3 25 = edge 37.8
floor gar. Apron Floor

0+87 = 25' Lt. = S. side of 12' Conc. apron to Sing gar. - Conc. floor

0+92 37.8' Rt. = ℄ Double gar - Conc. floor

0+60 - 37.7' Rt. = ℄ 2' Conc. walk along N. edge of House

26.49
6.00
37.7
walk

32.47

Lt. ℄ Rt.

check B.M.			8.82	22.83	22.85 P. 13
T.P	4.03	31.65	4.85	27.62	

2+18.21 = S.cb. Line Garrison = end.

29.91	29.34	28.02	27.52	27.18	26.85	26.25	25.12	25.68
2.56	3.13	4.42	4.95	5.29	5.62	6.22	7.35	6.79
60	68	35	17		17	35	60	60
Top-P.C. 43 Rad. Ret.	gut.						Gut	Top-P.C Ret.

2+00.21 = S.L. of Garrison - edge of pave

29.1	28.34	28.10	27.52	27.41	27.42	27.34	27.17	26.87	26.58	27.17	27.22	27.2
3.4	4.13	4.37	4.95	5.06	5.05	5.13	5.30	5.60	5.89	5.30	5.25	5.3
35	30.8	24.4	24.4	17	8		8	17	25.4	25.4	31.9	35
		Toedo gut. end Ret.							gut.	Top end Ret.		

Back of walk

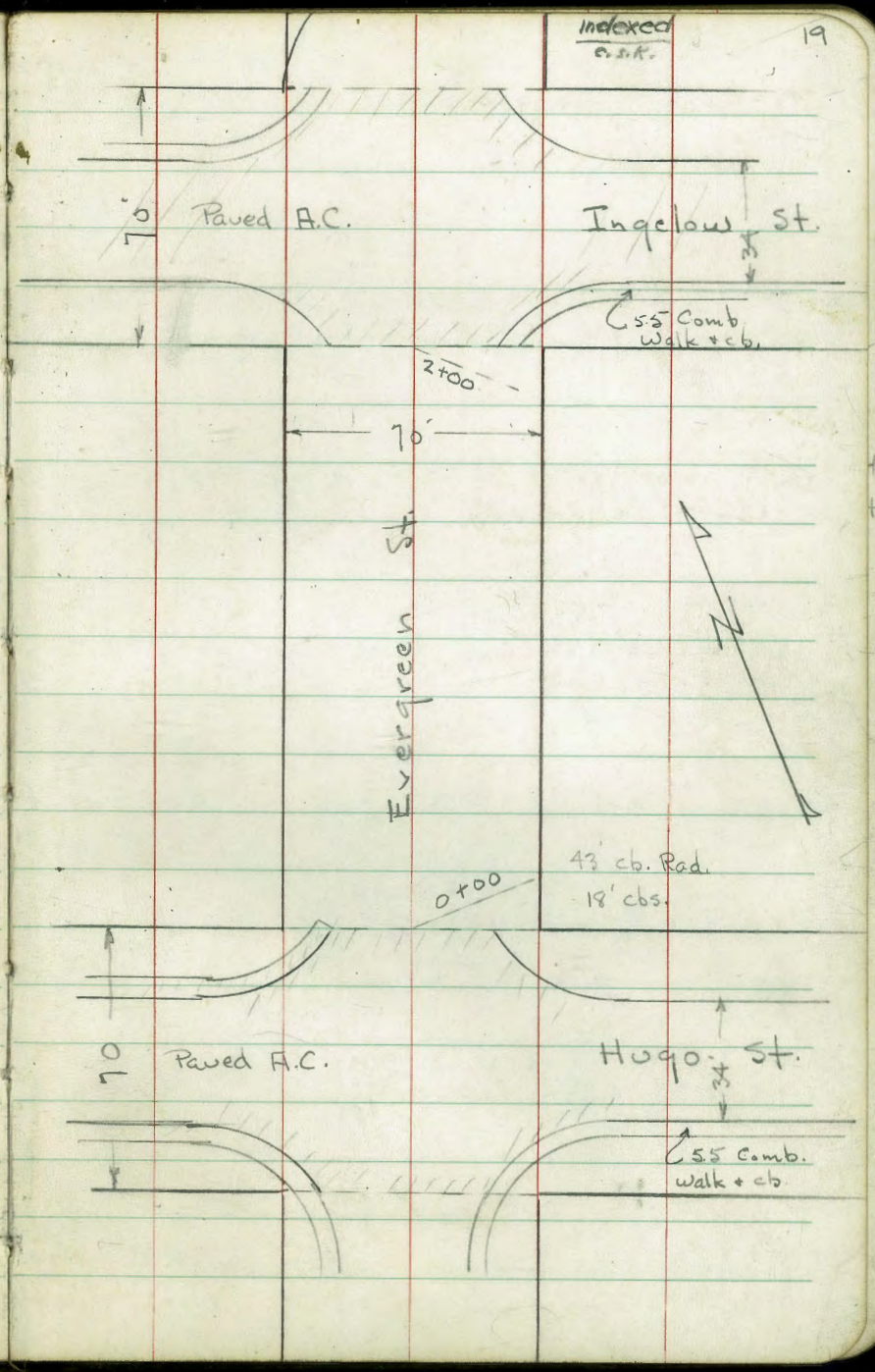
	30.7	29.6	28.3	28.0	27.7	28.0	27.3	26.4
1+80	1.8	2.9	4.2	4.5	4.8	4.5	5.2	6.1
	35	23	17		17	19	35	50

32.47

X-Sect. Evergreen - 70' st. 18' cbs.
from S.L. Hugo to N.L. Ingelow.

603
W.O. 1283

11-4-46
Osborne
Hardin
Worrell
Smith



X-Sect. Evergreen

0+00 = N.L. Hugo = edge of A.C. pave

0-18 = N. cb. line Hugo

0-35 = ℄ Hugo

0-53 = S. cb. line Hugo

0-70 = S.L. Hugo - on A.C. pave.

T.P.	4.41	31.88	3.79	27.47	
B.M.	8.41	31.26		22.85	S.E. ⊥ Mon. Jarvis & Evergreen

Lt. = W. ℄ Rt. = E

27.4	27.30	26.72	26.54	26.26	25.96	25.65	25.30	24.89	25.43	26.1
A.S	4.58	5.16	5.34	5.62	5.92	6.23	6.58	6.99	6.45	5.8
35	25	25	17	8		8	17	25	25	35
	Top cb. end ret.	gut.						gut.	Top cb. end ret.	

28.54	27.94	27.05	26.30	25.74	25.12	24.48	23.42	23.94
3.34	3.94	4.83	5.58	6.14	6.76	7.40	8.46	7.94
60	60	35	18		18	35	60	60
Top cb. P.C. 43' Rad Ret.	gut							

28.16	27.09	26.45	25.81	25.22	24.61	23.58	
3.77	4.79	5.43	6.07	6.66	7.27	8.30	
60	35	18	on M.H. Top	18	35	60	

31.88

			26.06	25.45	24.83				
3.01	3.54	4.44	5.20	5.81	6.43	7.06	9.10	8.63	
60	60	35	18		18	35	60	60	
Top P.C. Ret. 43' Rad	gut.						gut	Top. cb.	

26.78	26.09	25.51	24.89	24.96	
4.48	5.17	5.75	6.87	6.30	
24.7	24.7		24.7	24.7	
Top.	gut		gut	Top	

31.26

+26.9 Lt. = end picket fence

1+31 - Doub. gar. on Rt. - Conc. floor & apron

1+21 - 27.6 Rt. = end picketf fence

1+18 - 31.6 Lt. = nearest edge of Conc. slab. for barbecue Patio

1+12 - 32' Lt. = Nly. Cor. Barbecue - wing wings 2' High - stack 6' High

1+05 - 34.8 Lt. = Sly. Cor. Barbecue oven - Brick

1+00 - 27.4' Rt. = beg. picket fence

0+81 - 26.1 Lt. = beg picket fence

0+75 = ± Sing. Gar on Lt. - Conc. floor & apron

0+70 - 33.8 Lt. = N.E. Cor Tile

0+70 - 26.8' Lt. = end Hedge

0+53 - = ± Single gar. on Rt - Conc. floor + Apron

0+53 - 33.8 Lt. = S.E. Cor. Tile patio

0+53 - 27.3 Lt. = beg. 2' Hedge - 4' High

0+50

0+15

31.9

Lt.	℄	Rt.
		25.41 / 6.47 / 44 = edge apron
		25.62 / 6.26 / 46.3 Floor

28.84
3.04
31.6 = Top slab.

28.5	28.0	27.1	26.7	26.2	26.6	26.1	25.4
3.4	3.9	4.8	5.2	5.7	5.3	5.8	6.5
35	17	13		14	17	35	50

29.94
1.94
49.6 = floor gav.

29.26
2.62
34.4 = edge apron

29.39
2.49
33.8

26.13 / 5.75 / 36.3 edge apron

26.17 / 5.71 / 38.7 = floor

29.35
2.53
33.8
on Tile

28.8	27.8	27.3	26.8	26.3	26.7	25.4
3.1	4.1	4.6	5.1	5.6	5.2	6.5
35	17	14		13	17	35

28.7	27.5	27.1	26.7	26.1	26.6	26.5
3.2	4.4	4.8	5.2	5.8	5.3	5.4
35	17	15		16	17	35
on lawn						on lawn

31.88

2+18 = S. cb. Line Ingelow

= S.L. Ingelow + edge A.C. pave

2+00 = 28.3' - Lt. = end picket fence

1+97

1+84 - 27.9 Lt. = end rock wall + Beg picket fence

1+80

1+65 - 27.8 Lt. = ± 4' Conc. walk

1+50

around good lawn.

1+46 - 26.6 Lt. = N. side drive + beg. low rock wall

1+38 - Doub. gar. on Lt. - Conc. floor + 17' Conc. Drive

T.P. 2.67 31.40 3.15 28.73

31.40

28.04 27.45 26.28 25.55 24.98 24.44 23.90 22.98 23.45
3.36 3.95 5.12 5.85 6.42 6.96 7.50 8.42 7.95
60 60 35 17 17 35 60 60
Top P.C. Ret. 43' Rad. 9ut. 9ut. Top cb P.C. Ret

28.1 26.40 25.85 25.65 25.30 24.80 24.34 24.74 24.7
3.3 5.00 5.55 5.75 6.10 6.80 7.06 6.66 6.7
35 24.7 24.7 17 17 25.3 25.3 35
Top cb end Ret. 9ut Top-end Ret.

28.3 28.0 26.3 25.8 25.6 25.0 25.1 25.6 25.5
3.1 3.4 5.1 5.6 5.8 6.4 6.3 5.8 5.9
35 26 23 17 13 17 25 35

28.7 27.5 26.8 26.3 25.6 26.2 25.4
2.7 3.9 4.6 5.1 5.8 5.2 6.0
35 17 13 12 17 35
28.29
3.11
27.8 = edge walk

28.9 27.6 27.1 26.8 26.1 26.2 25.6
2.5 3.8 4.3 4.6 5.3 5.2 5.8
35 17 12 14 17 35

28.15
3.25
26.6

40.14 28.21 27.69
1.26 3.19 3.71
61.8 26.6 25.6 = edge of rough Conc. slab. out side of dr.
Floor gar. edge of Rear dr.

31.40

check B.M. 8.54 22.86 ✓

2+70 - N.L. Ingelow = edge A.C. pave

2+53 - N. cb. Line

2+35 = ℄

31.40

25.97	25.47	25.34	24.74	24.43	23.83	24.34	
5.43	5.93	6.06	6.66	6.97	7.57	7.06	
25	25	17		17	25	25	
Top-end Ret.	gut.				gut.	Top-end Ret.	

27.48	27.01	26.06	25.42	24.86	24.26	23.59	22.48	22.97
3.92	4.39	5.34	5.98	6.54	7.14	7.81	8.92	8.43
60	60	35	17		17	35	60	60
Top P.C. Ret.	gut.						gut	Top. R.C. Ret.

27.56	26.26	25.52	24.90	24.35	23.83	23.01	
3.84	5.14	5.88	6.50	7.05	7.57	8.39	
60	35	17	on M.H. Lid.	17	35	60	

31.40

Indexed
C.S.K.

X-Sect Evergreen - Jarvis to Keats

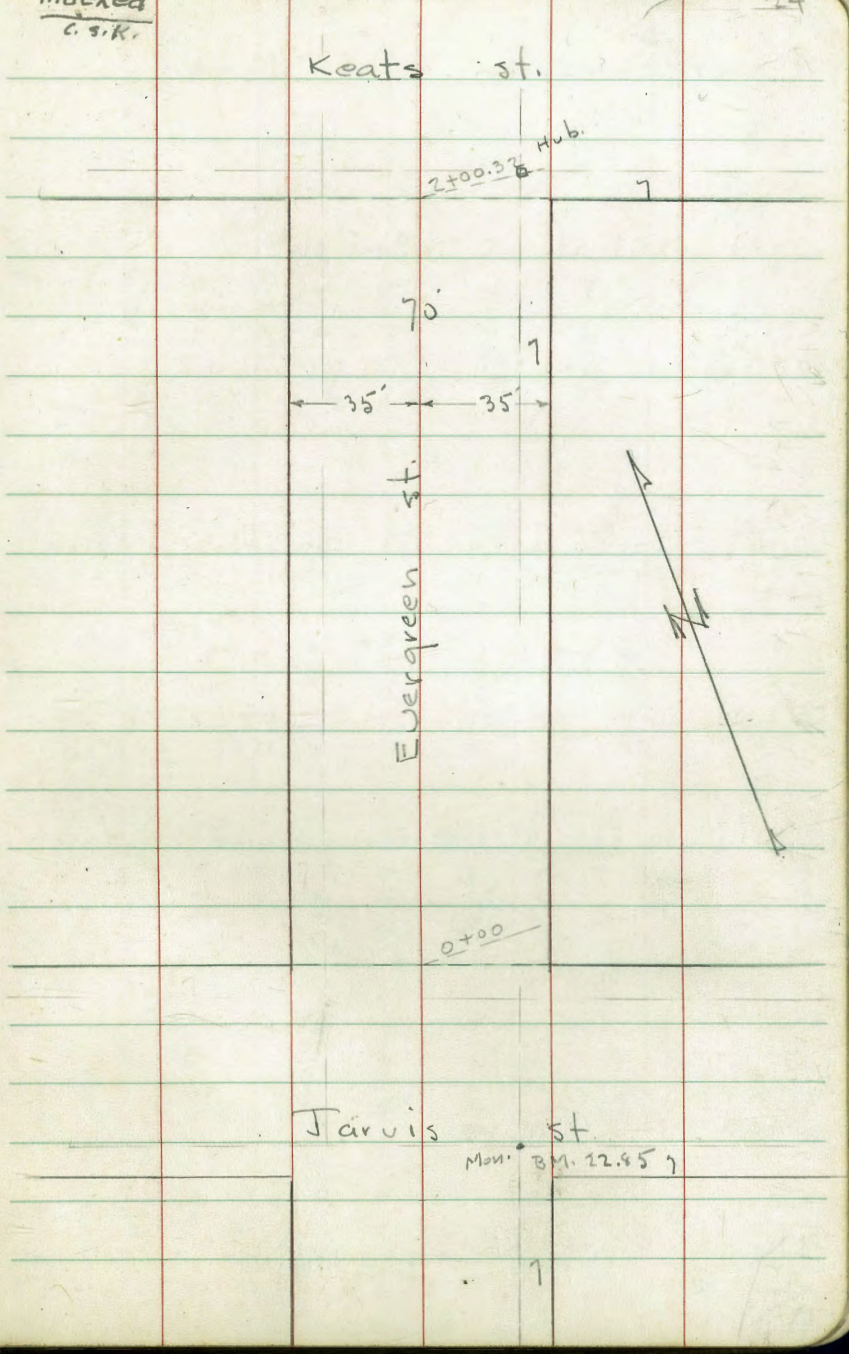
70' st. 18' obs.

11-18-46

Osborne
Hardin
Woodell
Smith

630

W.O. 1283



X-Sect Evergreen

Lt = W ℄ Rt. = E

0+83 - 35.8 Lt = ℄ 7' Conc. slab

0+75

0+69 - Double Gar on Rt Conc. floor + Apron

0+50

0+31 - 40' Rt = ℄ Med. Stucco House

0+25

0+00 = N.L. Jarvis

B.M. 5.24 28.09 22.85 S.E. 7' Mon. Jarvis ℄ Evergreen

28.09

3.85 3.82 3.86 Top slab.

24.0 23.0 22.5 21.1 20.9 20.2 19.3

4.1 5.1 5.6 7.0 7.2 7.9 8.8

3 5 1 7 = 8 17 35

19.37 / 8.82 = 36.5 + apron

18.29 / 8.80 = 40.2 = Floor

28.9 24.4 23.1 22.7 21.9 21.6 20.6 19.4 18.9

3.2 3.7 5.0 5.4 6.2 6.5 7.5 8.7 9.2

45 35 17 11 9 17 35 50

24.4 23.5 23.3 22.7 22.5 21.6 22.1 22.0 21.5 20.0

3.5 4.6 4.8 5.4 5.6 6.5 6.0 6.1 6.6 8.1

35 17 11 10 12 14 17 25 35

24.7 24.0 23.1 22.7 22.6 21.0

3.4 4.1 5.0 5.4 5.5 7.1

35 47 17 21 35

+179 / 6.90 = 40 Floor Elev

check B.M.	5.24	22.85

2+00.32 = S.L. Keats

1+72 = 38.8 Rt. = ⊥ Med. Stucco House

1+60

1+59 - 34.9 Rt. = end fence

1+30

1+00 - 35.2 Rt. = Beg. picket fence

Lt.							Rt.	
			24.0	23.1	22.1	21.6	20.6	
			4.1	5.0	6.0	6.5	7.7	
			35	17		17	35	
24.3	24.1	23.4	22.5	21.9	21.3	21.2	20.1	19.5
4.8	4.0	4.7	5.6	6.2	6.8	6.9	8.0	8.6
50	35	31	17	11	9		35	50
	24.9	23.6	22.3	21.6	20.7	20.8	19.2	
	3.2	4.5	5.8	6.5	7.4	7.3	8.9	
	35	31	17	10	8		35	
25.5	24.2		22.6	21.9	20.8	20.7	19.3	19.0
2.6	3.9		5.5	6.2	7.3	7.4	8.8	9.1
50	35		17	10	9		35	50

28.09

6.32 1.70
6.39
38.8
Floor

Indexed
C. S. H.

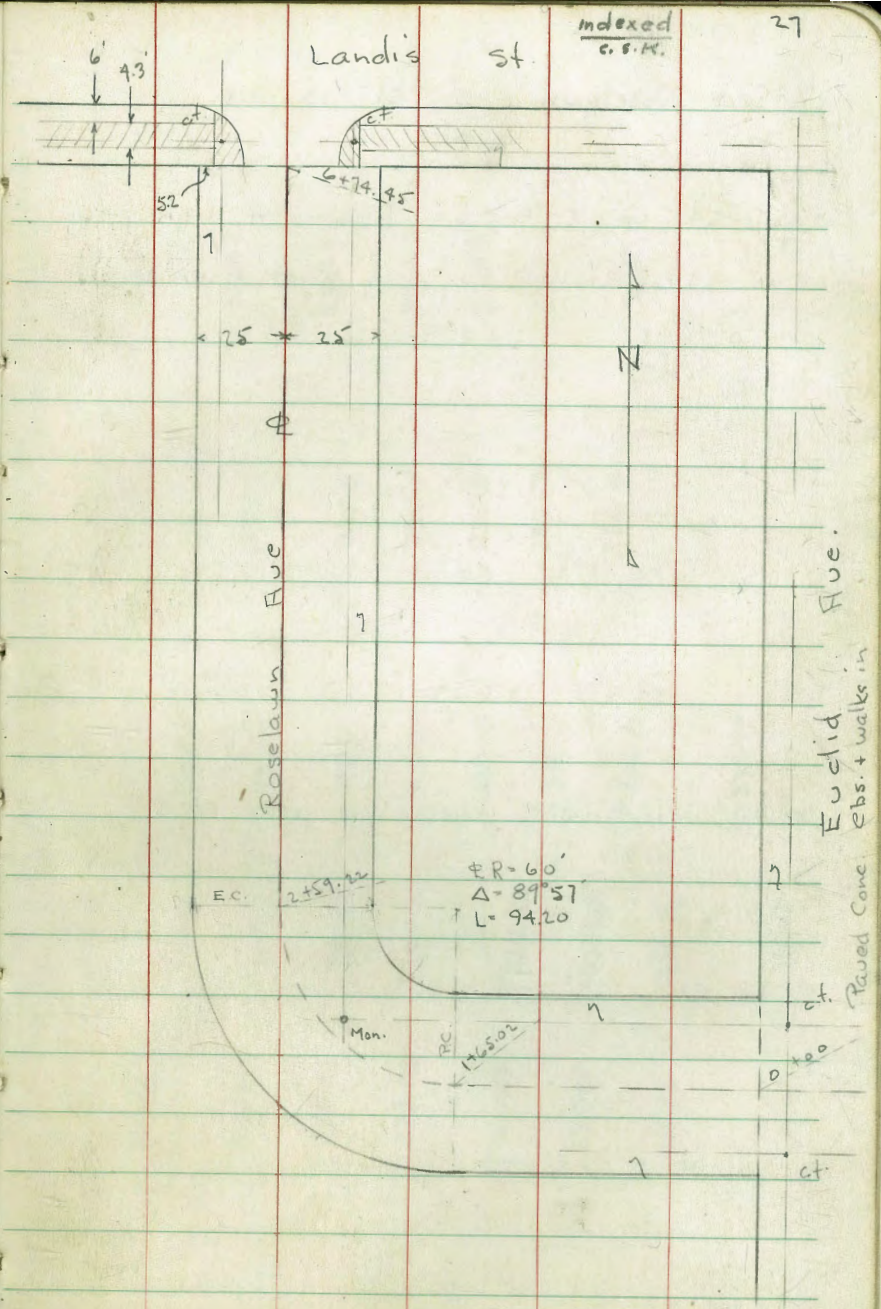
X-Sect. Roselawn - Euclid to Landis

11-29-46

Osborne
Hardin
Worrell
Smith

652

W.O. 230



X-Sect Roselawn - 50' St. 10' cbs

Lt = S ℄ Rt = N

0+67 - 24.5' Lt = ℄ beg of 3' Hedge - 4' High

0+65 - 44.5' Rt = ℄ Sing. Gar. Dirt floor

0+50

334.9	335.2	335.4	335.5	335.0	335.2	335.9	336.1
2.7	2.4	2.2	2.1	2.6	2.4	1.7	1.5
40	25	15		13	15	25	44.5 - floor

0+25

335.7	335.8	335.8	335.3	335.7	336.4
1.9	1.8	1.8	2.3	1.9	1.2
25	15		13	15	25

T.P. 2.02 337.62 3.75 335.60

337.62

0+00 = W.L. Euclid - edge of Conc. pave 0.3 W

335.56	335.39	335.15	335.21	335.36	335.44	335.51	335.81	335.99
3.79	3.96	4.20	4.14	3.99	3.91	3.84	3.54	3.36
25	14.5	14.5	7.5		7.5	14.7	14.7	25
on cor. Ret.	Top. end Ret	gut.				gut.	Top end Ret	on cor. Ret.

0-12 = W. cb. Line Euclid

339.43	338.37	339.89	335.02	335.20	335.33	335.37	335.82	335.87
4.92	3.98	4.46	4.33	4.15	4.02	3.98	3.53	3.48
50	25.2	25.2	15		15	25.2	25.2	50
gut.	Top. P.C. to Rad. Ret.	gut.				gut	Top-P.C. Ret	gut.

0-30 = ℄ Euclid = Conc. pave

334.82	335.23	335.36	335.59	335.84	335.98	336.35
4.53	4.12	3.99	3.76	3.51	3.37	3.00
50	25	15	on Sewer M.H.	15	28	50

6.54 339.35 332.81 N.W. B.P. Dwight + Euclid

339.35

1+96.42 (on curve) Sect. Radial

1+97 - along Tangent Prod. = 20.5 Lt. = ℄ of end Rock wall

1+65.02 = P.C. - 23.4 Lt = ℄ Rock wall

1+61 - 60 Lt. = ℄ Small House

1+55 - 23.8 Rt. = S side of beg. 5" Conc. wall - flush with ground

1+50 - 24.6 Lt. = beg. ℄ of 2' pile of rocks for wall (no Conc.)

1+49 - 24.4 = end of N+S 1' Conc. wall

1+47 - 20.6 Rt. = ℄ 2' Conc. walk

1+30 - 25.1 Lt. = W. edge walk + (C.or.)

1+27 = 25.3 Lt. = end wall - 25.1 Lt. = E side of 3' Conc. walk

1+16 - 58' Lt. = ℄ Med House

1+00 - 24.5 = ℄ end of Hedge + 25.6 Lt. = beg. 6" Conc. wall (W. edge)

0+84 - 59 Lt. = ℄ Small House

Lt. ℄ Rt.

332.7 (14.9 / 60) · 330.0 (7.6 / 40) · 333.0 (4.6 / 30, edge of bank) · 332.9 (4.7 / 25) · 332.9 (4.7 / 15) · 332.9 (4.7) · 333.1 (4.5 / 15) · 333.90 (3.72 / 19.8 = Top S wall) · 334.2 (3.4 / 25)

332.62 (5.00 / 60 floor) · 332.0 (5.6 / 40) · 332.6 (5.0 / 25) · 333.0 (4.6 / 15) · 333.3 (4.3) · 333.4 (4.2 / 15) · 334.3 (3.3 / 20) · 334.53 (3.09 / 23.7 Top S wall) · 334.6 (3.0 / 25) · 334.6 (3.0 / 26.3 along wing of House) · 336.87 (0.75 / 26.3 floor) · 334.81 (2.81 / 23.8 - Top wall)

333.0 (4.6 / 40) · 333.5 (4.1 / 25) · 333.3 (4.3 / 15) · 333.6 (4.0) · 333.6 (4.0 / 15) · 334.5 (3.1 / 20) · 334.8 (2.8 / 25)

334.01 (3.61 / 24.4 = Top wall) · 334.59 (3.03 / 20.6 edge walk) · 334.82 (2.80 / 25 on walk)

333.79 (3.83 / 25.1 walk)

335.34 (2.28 / 58 floor) · 334.16 (3.46 / 25.3 Top wall) · 333.80 (3.82 / 25.1 on walk)

334.92 (2.70 / 59 floor) · 334.48 (3.14 / 25.6 Top of wall) · 334.2 (3.4 / 25) · 334.2 (3.4 / 15) · 334.4 (3.2) · 334.3 (3.3 / 15) · 335.2 (2.4 / 25)

337.62

2+95 - 25' Lt. = ℄ 4' Conc. walk & ℄ Small House

2+92 - 25.5 Rt. = ℄ 3' Conc. walk

T.P.	7.54	341.00	4.16	333.46

2+74 - 24.5 Lt. = beg. Ely. 4" Conc. wall - flush with gr.

31' S. - 38.2 Lt. = ℄ Sing. Gar. - Conc. floor

41' S. - 36.9 Lt. = ℄ Sing. Gar. - Wood floor used for chickens

53' S. of E.C. - 35.4 Lt. = ℄ Sing. Gar. - wood floor

Note - for accuracy & ease of plotting will show Garages on W. side of Curve - from Tangent prod. back from E.C.

2+59.22 = E.C. - end of wall on Rt.

to House - E. & W.

2+31 - 21 Rt = edge of wall opp. ℄ of 2.5 Conc. walk

2+27.82

335.00
6.00
41
floor House

339.32
3.30
24.5

332.62
5.00
35.4 floor

333.69
3.93
48 =
floor. small House

332.8
4.8
40

339.35 Lt.
6.65
25

332.65
4.97
36.9 floor

333.2
4.4
40

332.9
4.7
25

333.5
4.1
25

341.00

332.55
5.07
38.2 floor

333.4
4.2
15

333.1
4.5
15

333.3
4.3

333.1
4.5

333.4
4.2
13

333.0
4.6
13

333.7
3.9
15

333.4
4.2
15

Rt.

334.72
2.90
25.3 = Top end + W. side wall

333.96
3.66
20.2 = Top S. wall

335.29
5.71
25.5 = walk

339.9
2.7
40

339.05
3.57
21
Top wall

339.23
3.39
25
on walk

339.8
2.8
40

337.62

4+24.2 - 0.1 Rt. - ℄ Sewer MH.

4+11 - 23.5' Lt. = ℄ 2.5' Brick walk

4+01 - 25' Lt. = ℄ 2-2' Conc. Strip Drive

4+00

3+64 - 24.8 Rt. = ℄ 2.5' Conc. walk

3+63 - 27' Rt. = ℄ 3' Conc. walk

3+56 - 56' Lt. = ℄ Small House

3+50

3+35 - 26.6 Rt. = ℄ 8' Conc Dr.

3+31 40' Lt. = ℄ Sing. Gar. Cond floor

3+18 - 46' Lt. = ℄ Sing Gar. Conc. floor

3+14 - 25' Lt. = end wall

3+00

Lt. ℄ Rt.

335.25 (Dr. 5.75 .25)

335.44 (5.5 23.9)

335.0 (6.0 40)

335.2 (5.8 25)

334.9 (6.1 15)

335.0 (6.0)

335.0 (6.0 11)

335.39 (5.6 0.1 = Rim MH)

335.2 (5.8 15)

335.8 (5.2 25)

336.22 (4.78 27 walk)

334.65 (6.35 24.8)

335.36 (5.44)

334.3 (6.7 40)

334.5 (6.5 25)

334.3 (6.7 15)

334.7 (6.3)

334.6 (6.4 10)

335.1 (5.9 15)

335.8 (5.2 21)

335.9 (5.1 25)

336.16 (4.84 26.6 Top conc.)

334.53 (6.47 25 Top wall)

334.92 (6.08 25 on wall)

333.7 (7.3 15)

334.1 (6.9 8)

334.2 (6.8)

334.1 (6.9 6)

334.6 (6.4 15)

335.1 (5.9 25)

333.98 (7.02 46 floor)

333.97 (7.03 46 = floor)

341.00

31

5+62 - 27.8 Rt. 23.5 Lt. = ℄ - 2.8' Conc. walk

5+54 = Δ ℄ Drive - 2 - 17' Conc. strips

5+50

5+41 - 17.9 Lt. = beg. 2" wood curb.

5+40 - 24.8 Rt. = ℄ of 2.3' Conc. Step to Conc. walk

5+36 - 8' Lt. = ℄ Sing. Gar. - Dirt floor (Prop. Conc.)

5+25 - 17.9 - Lt. - end wood curb

5+25 - 24.9 Rt. = W. end of 6" Conc. wall

5+09 - 25' Lt. = ℄ 3' Conc. walk

5+06 - 29.8 Rt. = ℄ 3' Conc. walk

5+00

4+90 - 18' Lt. = beg 2" Wood curb.

T.P.	4.51	344.45	1.06	339.94	S.W. 7' ct. Landis + Rose lawn

4+50

Lt. ℄ Rt.

338.47 — 5.98 — 23.5

337.82 — 6.63 — 17.9 = Top cb.

337.8 — 6.6 — 8.1 Floor

337.69 — 6.81 — 17.9 = Top end.

337.75 — 6.70 — 25 = walk

338.2 — 6.2 — 25

338.0 — 6.4 — 18

337.3 — 7.1 — 15

337.7 — 6.7

337.6 — 6.8 — 15

338.5 — 5.9 — 25

338.90 — 5.05 — 24.8 Top step

339.69 — 4.76 — 24.9 = Top wall

339.49 — 4.96 — 27.8 Top Dr.

339.45 — 5.00 — 26.6 Top walk

339.09 — 5.36 — 29.8 = walk

337.3 — 7.1 — 25

337.05 — 7.40 — 18'

337.2 — 7.2 — 18

336.3 — 8.1 — 15

336.7 — 7.7

336.6 — 7.8 — 12

336.8 — 7.6 — 15

337.8 — 6.6 — 25

344.45

336.2 — 4.8 — 40

336.3 — 4.7 — 25

336.0 — 5.0 — 18

335.5 — 5.5 — 15

335.7 — 5.3

335.8 — 5.2 — 11

336.2 — 4.8 — 15

336.8 — 4.2 — 20

337.0 — 4.0 — 25

341.00

Station	Description
7+06.45	= ℄ Landis
6+86.48	= S. curb line Landis
6+74.45	= S.L. Landis
6+50	
6+38	- 24.8 Lt. - end fence
6+14	= ℄ Sing. Gar. on Rt. - Conc. floor + 2 Conc. strips (1.7 + 2.5 wide)
6+07	- 25.4 Lt. - beg. lath fence
6+00	
5+99	- 41.8 Lt. = ℄ Sing. Gar. - wood floor
5+89	- 23' - Rt. = ℄ 2 - 1.7' Conc. strips - Dr.
5+80	- 17.8 Lt. = end wood cb.

Lt. ℄ Rt. = E

7+06.45: 339.4 (5.0, 50); 339.8 (4.6, 25); 339.9 (4.5, 15); 340.1 (4.3); 340.2 (4.2, 15); 340.4 (4.0, 25); 340.8 (3.6, 50)

6+86.48: 339.51 (4.94, 50, Top cb.); 338.9 (5.5, 50, gut.); 339.85 (4.60, 25, Top cb. PC); 339.3 (5.1, 25, gut.); 339.4 (5.0, 15); 340.1 (4.3); 339.7 (4.5, 15); 340.0 (4.4, 25, gut.); 340.41 (4.04, 25, Top PC Ret.); 340.5 (3.9, 50); 340.77 (3.68, 50)

6+74.45: 340.0 (4.4, 25); 339.99 (4.46, 19.8, Cor. Ret.); 339.87 (4.58, 14.9, Top cb. end Ret.); 339.5 (4.9, 14.9, gut.); 339.4 (5.0, 10); 339.8 (4.6); 339.5 (4.9, 15.1, gut.); 340.43 (4.02, 15.1, Top cb. end Ret.); 340.47 (3.98, 19.8, Cor. Ret., 10' Rad.); 340.4 (4.0, 25)

6+50: 339.8 (4.6, 25); 339.5 (4.9, 15); 339.2 (5.2, 11); 339.2 (5.2); 339.0 (5.4, 13); 340.2 (4.2, 15); 340.3 (4.1, 25)

6+14: 340.03 (4.42, 25.2 = Top end of strip); 340.65 (3.80, 35, floor Gar.)

6+00: 338.9 (5.5, 25); 338.5 (5.9, 15); 338.4 (6.0, 11); 338.6 (5.8); 338.3 (6.1, 12); 338.5 (5.9, 15); 339.5 (4.9, 25)

5+99: 340.09 (4.41, 41.8, floor)

5+89: 339.08 (5.37, 23 = Top end); 339.93 (4.52, 29.3, Brk. in Drive)

5+80: 339.50 (5.95, 17.8 - Top cb.)

344.45

X-Sect. 47th - Dwight to Landis

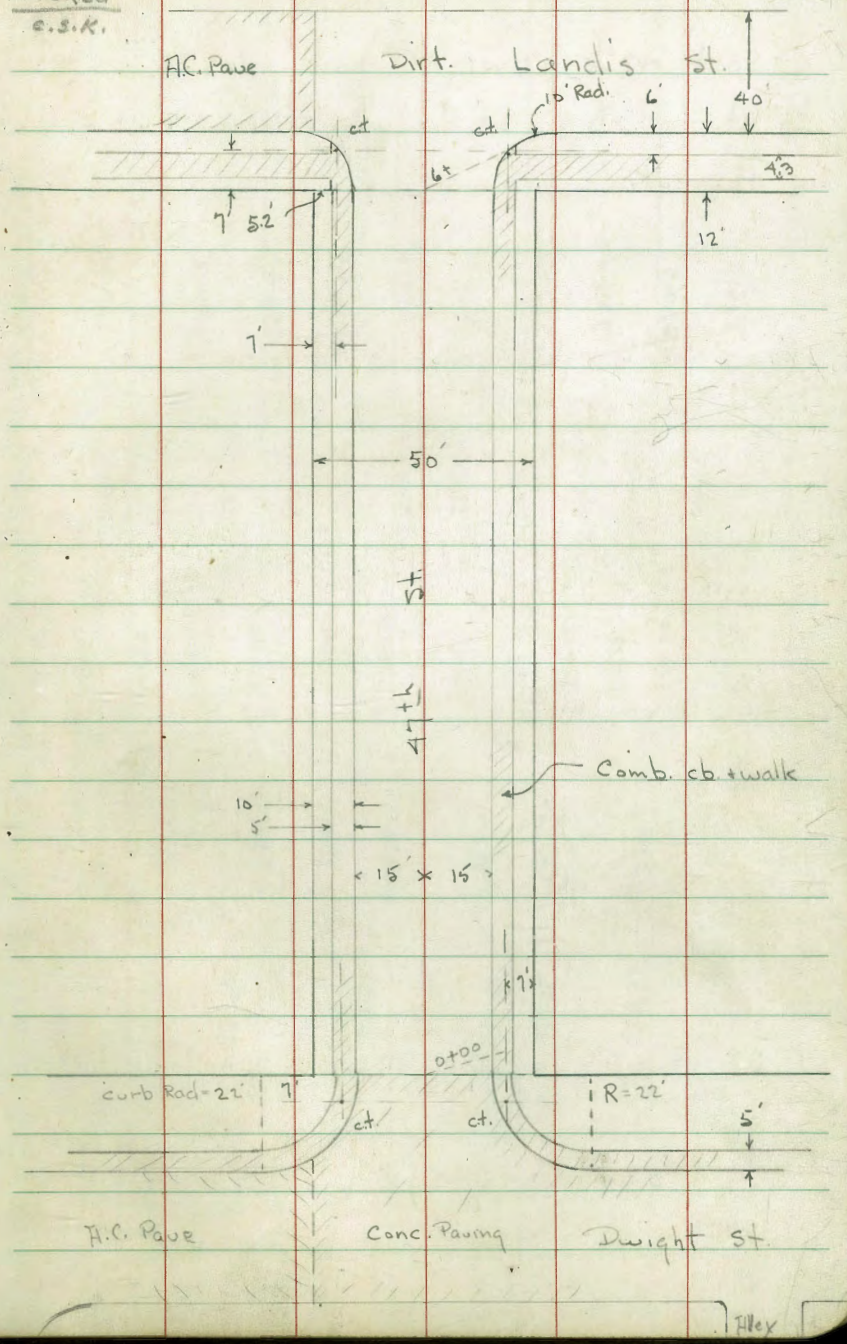
12-2-46

Osborne
Hardin
Worrell
Smith

656

W.O. 1139

Indexed
C.S.K.



X-Sect. 47th - Dwight to Landis

50' st. - 10' cb.s 30' Roadway - Comb. 5' cb + walks in thruout.

Lt = W ℄ Rt. = E.

0+00 = N.L. Dwight = edge of Conc. pave

Elev.	340.3	340.21	340.13	339.54	339.88	339.95	339.86	339.55	340.05	340.23	340.43
Rod	5.1	5.22	5.30	5.89	5.55	5.48	5.57	5.88	5.38	5.20	5.0
Dist.	25	20	15	15	7.5		7.5	15	15	20	25
Note		edge walk	Top-P.C. Ret.	gut.				gut	Top P.C. Ret.	edge walk	

0-11

Elev.	340.1	340.18	340.13	339.46	339.57	339.80	339.86	339.75	339.55	339.54	340.12	340.25	340.2
Rod	5.3	5.25	5.30	5.97	5.86	5.63	5.57	5.68	5.88	5.89	5.31	5.18	5.2
Dist.	25	23.8	17.9	17.9	15	7.5		7.5	15	18	18	23.8 = edge walk	25
Note		edge walk	Top-on. Ret.	gut.						gut.	Top-Ret.		

0-22 = N. cb Line

Elev.	339.40	338.76	339.82	339.22	339.34	339.55	339.70	339.67	339.67	339.61	339.49	339.35	340.08	339.07	339.23
Rod	6.03	6.67	5.61	6.21	6.09	5.88	5.73	5.76	5.76	5.82	5.94	6.08	5.35	6.36	5.70
Dist.	65	65	37	37	25	15	7.5		7.5	15	25	37	37	50	50
Note	Top.	gut.	Top P.C. Ret.	gut								gut	Top P.C. Ret.	gut.	Top.

0-40 = ℄ Dwight

Elev.	338.77	339.21	339.18	339.25	339.33	339.39	339.14
Rod	6.66	6.22	6.25	6.18	6.10	6.04	6.29
Dist.	65	25	15		15	25	50
Note		end Conc.					

0-58 = S. curb of Dwight

Elev.	338.12	337.53	338.60	337.97	338.80	338.25	338.50	338.07	338.37	339.12
Rod	7.31	7.90	6.83	7.46	6.63	7.18	6.93	6.36	7.06	6.31
Dist.	65	65	25	25			25	25	50	50 = Top cb 3' Rad. Alley Ret. - W. L.! Alley.
Note	Top-P.C. Ret. SE Menlo	gut.	Top end Conc. & beg. A.C. pave	gut.	Top cb.	gut.	gut.	Top	gut.	

5.34	345.43	2.42	340.09	N.W. B.P. Dwight & 47th 339.97 = Book.
9.70	342.51		332.81	N.W. B.P. Dwight & Euclid

345.43

Station	Lt side	Lt side	Lt=W			℄			Rt=E	Rt side	Rt side
2+00			341.56 3.87 15 Top	341.2 4.2 15 gut	341.1 4.3 7.5	341.1 4.3	341.0 4.4 7.5	340.8 4.6 15 gut.	342.20 3.23 15 Top ?		
1+93 – ℄ 10' Dr. on Lt	341.53 3.90 18 walk	341.03 4.40 15 Dr.									
1+82 – ℄ 10' Dr. on Rt.										340.43 5.00 15 Dr.	341.18 4.25 17.5 walk
1+75			341.37 4.06 15 Top	341.0 4.4 15 gut	340.8 4.6 7.5	340.9 4.5	340.9 4.5 7.5	340.8 4.6 15 gut.	341.07 4.36 15 Top		
1+50			341.18 4.25 15 Top	340.8 4.6 15 gut.	340.8 4.6 7.5	340.7 4.7	340.7 4.7 7.5	340.7 4.7 15 gut. Dirt	340.28 5.15 15 on Dr.		340.90 4.53 17.5 walk
1+49 – ℄ 9' Dr. on Rt										340.27 5.16 15 Dr.	340.90 4.53 17.5 walk
1											
1+36 = ℄ of 10' Dr. on Lt.	341.13 4.30 17.5 walk	340.43 5.00 15 Dr.									
1+15 = ℄ of 9' Dr. on Rt.										340.01 5.42 15 Dr.	340.73 4.70 17.5 walk
1+00			340.78 4.65 15 Top	340.3 5.1 15 gut	340.3 5.1 7.5	340.4 5.0	340.4 5.0 7.5	340.3 5.1 15 gut.	340.63 4.80 15 Top		
0+83 = ℄ 9' Dr. on Rt.										339.83 5.60 15 Dr.	340.56 4.87 17.5 walk
0+74 = ℄ 10' Dr. on Lt.	340.65 4.78 17.5 Top Dr. at walk	339.97 5.46 15 Bot Dr.									
0+50			340.44 4.99 15 Top	340.0 5.4 15 gut	340.2 5.2 7.5	340.2 5.2	340.1 5.3 7.5	339.9 5.5 15 gut.	340.30 5.13 15 Top		

345.43

3+50				
3+39 - ℄ 11' Dr. on Lt.				
3+32 - ℄ 10' Dr. on Rt.				
3+25				
T.P.	3.84	343.69	5.58	339.85
3+00				
2+84 = ℄ 10' Dr. on Rt.				
2+82 = ℄ 10' Dr. on Lt.				
2+75				
2+50				
2+48 - ℄ 10' Dr. on Rt.				
2+38 - ℄ 10' Dr. on Lt.				
2+25				
2+16 - ℄ 10' Dr. on Rt.				

		Lt.			℄		Rt.		
339.77 3.92 17.5 walk	339.06 4.63 15 Dr.	339.29 4.40 15	338.7 5.0 15	338.8 4.9 7.5	338.8 4.9	338.6 5.1 7.5	338.2 5.5 15 gut.	338.83 4.86 15 Top	
		340.10 3.59 15 Top	339.4 4.3 15 gut.	339.7 4.0 7.5	339.6 4.1	339.5 4.2 7.5	339.0 4.7 15 gut	339.66 4.03 15 Top	339.86 4.43 15 Dr. · 339.51 4.18 17.5 walk
				343.69					
341.36 4.07 17.5 walk	340.63 4.80 15 Dr.	340.91 4.52 15 Top	340.1 5.3 15 gut.	340.4 5.0 7.5	340.4 5.0	340.3 5.1 7.5	340.0 5.4 15 gut	340.43 5.00 15 Top	340.12 5.31 15 Dr. · 340.87 4.56 17.5 walk
		341.43 4.00 15 Top	340.8 4.6 15 gut.	340.8 4.6 7.5	340.9 4.5	340.7 4.7 7.5	340.4 5.0 15 gut.	340.97 4.46 15 Top	
		340.71 4.72 15 Top	341.1 4.3 15 gut.	341.0 4.4 7.5	341.0 4.4	340.9 4.5 7.5	340.8 4.6 15 gut on dirt	340.60 4.83 15 on Dr.	341.32 4.10 17.5 walk
341.79 3.64 17.5 walk	341.13 4.31 15 Dr.								340.59 4.84 15 Dr. · 341.33 4.10 17.5 walk
		341.71 3.72 15 Top	341.3 4.1 15 gut.	341.2 4.2 7.5	341.2 4.2	341.1 4.3 7.5	341.1 4.3 15 gut	341.35 4.08 15 Top	340.65 4.78 15 Dr. · 341.33 4.10 17.5 walk

345.43

T.P.	6.24	341.03	8.90	334.79

4+77.5 = ℄ inlet on Lt. = Same Dimensions

16" R.C. Culvert across Road and to East. along curb.

4+76 = ℄ of inlet on Rt.=E - 2'x2.5' box + grate + 6' opening

4+75

4+50

4+39 = ℄ 9' wood Dr. on Lt. - curb not broken - wood in st.

4+38 = ℄ 8' Dr. on Rt.

4+27 = ℄ 10' Dr. on Lt. = Not used - High wall at prop.

4+25

4+21 = ℄ 11' Dr on Rt.

4+00

3+83 = ℄ 9' Wood Dr. on Lt. - curb not broken - wood in st.

3+75

Lt.=W   ℄   Rt.=E

4+77.5: 334.99 / 8.70 / 15 Top cb. — 332.35 / 11.34 / 15 F.L. Box — 334.18 / 9.51 / 15 Top grate — 334.39 / 9.30 / 12.5 = edge grate

4+76: 333.89 / 9.80 / 12.5 = edge Grate — 333.66 / 10.03 / 15 gut. = Top Grate — 331.78 / 11.91 / 15 = F.L. of Box — 334.51 / 9.18 / 15 = Top cb

4+75: 335.04 / 8.65 / 15 Top — 334.3 / 9.4 / 15 gut. — 334.8 / 8.9 / 7.5 — 334.7 / 9.0 — 334.6 / 9.1 / 7.5 — 333.71 / 9.98 / 15 gut on conc. Lip of inlet — 334.56 / 9.13 / 15 Top cb.

4+50: 335.87 / 7.82 / 15 Top — 335.4 / 8.3 / 15 gut. — 335.4 / 8.3 / 7.5 — 335.3 / 8.4 — 335.1 / 8.6 / 7.5 — 334.7 / 9.0 / 15 gut. — 335.31 / 8.38 / 15

4+39: 336.69 / 7.00 / 17.5 walk — 336.03 / 7.66 / 15 Dr.

4+38: 335.37 / 8.32 / 15 Dr. — 335.74 / 7.95 / 17 walk

4+25: 336.77 / 6.92 / 17.5 walk — 336.08 / 7.61 / 15 gut. on Dr. — 336.2 / 7.5 / 7.5 — 336.2 / 7.5 — 336.0 / 7.7 / 7.5 — 335.69 / 8.00 / 15 gut. in Dr. — 336.24 / 7.45 / 17.5 walk

4+21: 335.76 / 7.93 / 15 Dr. — 336.37 / 7.32 / 17.5 walk

4+00: 337.60 / 6.09 / 15 Top — 336.8 / 6.9 / 15 gut. — 337.1 / 6.6 / 7.5 — 337.1 / 6.6 — 336.9 / 6.8 / 7.5 — 336.5 / 7.2 / 15 gut. — 337.10 / 6.59 / 15 Top

3+75: 338.41 / 5.28 / 15 Top — 338.1 / 5.6 / 15 gut. — 338.0 / 5.7 / 7.5 — 338.0 / 5.7 — 337.8 / 5.9 / 7.5 — 337.4 / 6.3 / 15 gut. — 337.94 / 5.75 / 15 Top

343.69

6+35.32 = opp S. end of 3.4 Conc. gut. on Lt. (poor Cond)

6+27.32 = ℄ Landis

6+00

5+67 = ℄ 10' Dr. on Rt.

5+62 = ℄ 11' Dr. on Lt.

5+50

5+21 = ℄ 10' Dr. on Lt.

5+00

4+84 = ℄ 10' Dr. on Rt.

	Lt.				℄			Rt.		
	335.88	335.38	335.29							
	5.15	5.65	5.64							
	16.7	16.7	13.5							
	Top cb. Ret.	gut.	outside gut.							
	336.11		336.01	335.3	335.4	336.2	335.9	335.7	336.50	336.65
	4.92		5.02	5.1	5.6	4.8	5.1	5.3	4.53	4.38
	20		15	15	15		15	15	15	20
	edge walk		Top. PC. Ret	gut.				gut.	Top	0 = edge walk
			335.80	335.2	335.2	335.5	335.6	335.5	336.13	
			5.23	5.8	7.5	5.5	5.4	5.5	4.90	
			15	15			7.5	15	15	
			Top	gut.				gut.	Top	
	335.56	334.95								335.02
	5.47	6.08								6.01
	7.5	15								15
	walk	Dr.								Dr.
			335.46	334.7	334.8	335.0	335.0	334.8	335.33	335.71
			5.57	6.3	6.2	6.0	6.0	6.2	5.70	5.32
			15	15	7.5		7.5	15	15	20
			Top	gut.				gut.	Top	on walk
	335.22	334.61								334.13
	5.81	6.42								6.90
	17.5	15								15
	walk	Dr.								Dr.
			335.08	334.3	334.7	334.77	334.4	334.2	334.69	334.57
			5.95	6.7	6.3	6.26	6.6	6.8	6.34	6.46
			15	15	7.5		7.5	15	15	17.5
			Top	gut.				gut.	Top	walk

341.03

check 'J' tack - S.W. Roselawn & Landis	1.07	339.96	P. 32 339.94

Lt. ℄ Rt.

6+79.32 = N. cb Line Landis
336.18 4.15 50 Top; 336.16 4.87 50 gut.; 337.14 3.89 24.2 Top; 336.49 4.54 24.2 gut. = edge A.C.; 337.24 3.79 15; 336.6 4.4 15; 337.33 3.70 Top; 336.7 4.3 gut; 336.8 4.2 15 gut; 337.48 3.55 15 Top; 337.0 4.0 25 gut; 337.57 3.46 25 Top; 337.0 4.0 50 gut; 337.79 3.24 50 = Top cb. 2' Rad. Ret. = W. L. Alley

6+69.32
336.19 4.84 50; 336.73 4.30 24.5 edge A.C.; 336.6 4.4 15; 336.6 4.4; 336.8 4.2 15; 336.9 4.1 25; 337.1 3.9 50

6+59.32 = ℄
336.13 4.90 50; 336.52 4.51 24.7 edge A.C.; 336.6 4.4 15; 336.7 4.3; 336.8 4.2 15; 336.8 4.2 25; 337.1 3.9 50

6+49.32
335.85 5.18 50; 336.06 4.97 25 edge A.C.; 336.4 4.6 15; 336.7 4.3; 336.5 4.5 15; 336.5 4.6 25; 336.7 4.3 50

6+39.32 = S. cb. Line
336.50 4.53 50 Top; 335.68 5.35 50 gut.; 336.01 5.02 25 Top cb. P.C. Ret.; 335.39 5.64 25 gut. + edge of A.C. pave; 335.43 5.60 16.3 edge Conc. gut.; 335.4 5.6 15; 336.1 4.9 7.5; 336.6 4.4; 336.3 4.7 7.5; 335.9 5.1 15; 336.0 5.0 25 gut; 336.46 4.57 25 Top P.C. Ret.; 336.2 4.8 50 gut.; 336.77 4.26 50 Top

341.03

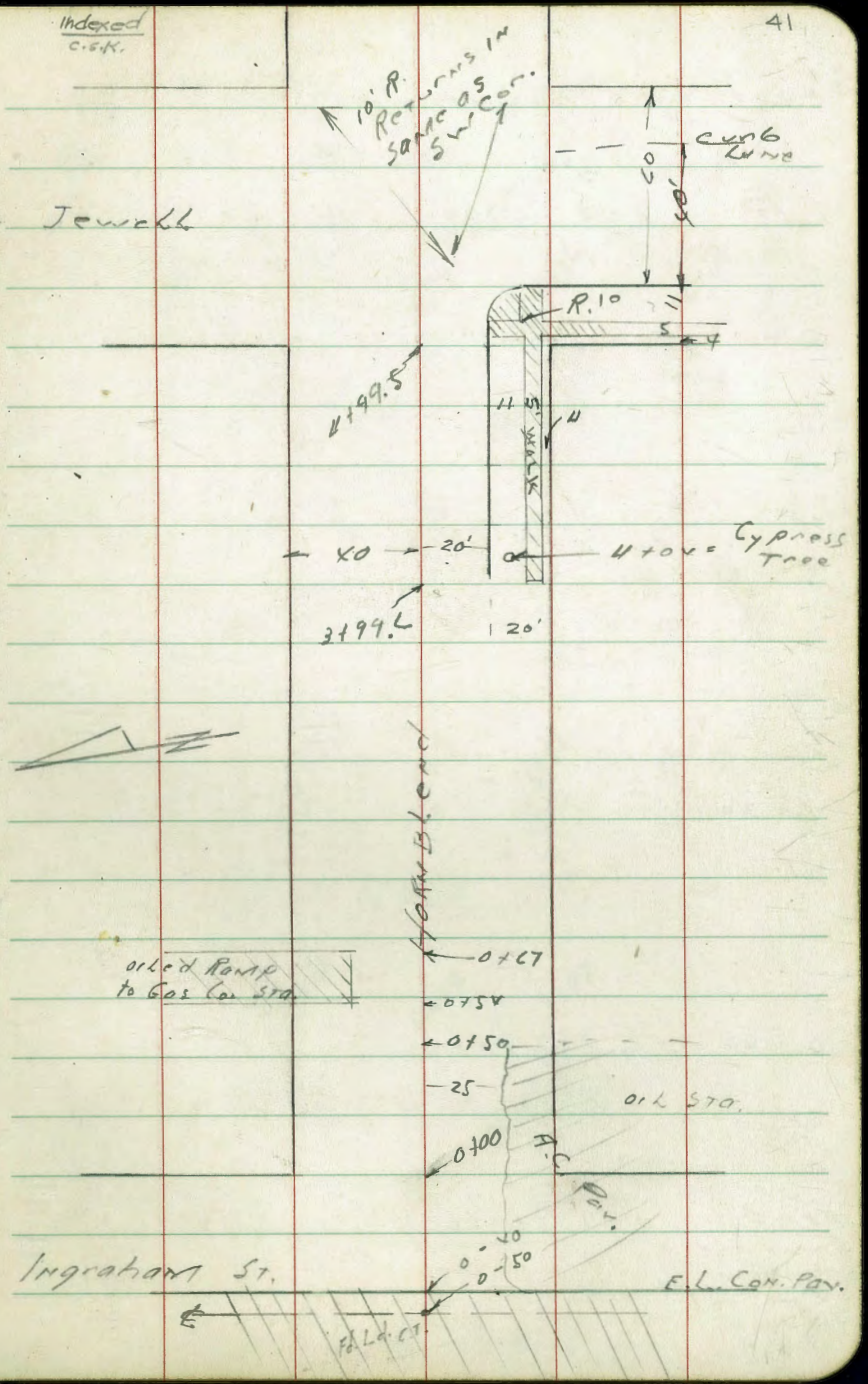
Cross Sec. Hornblend
Ingraham to Jewell
to establish grade.

C. Mann
Begg
Greer
Reeves

W.O. # 270

2-20-47

Indexed
C.S.K.



0+00 = E.L. Ingrahaim

T.P.	8.68	69.44	2.70	60.76
0 - 06				
0 - 20				
0 - 30				
0 - 40 = E.L. Cen. Pav.				
NEB.P Grand and Ingraham	7.61	63.46		55.85

LT. = North

6.0 / 40	8.4 / 33	9.7 / 16	9.7	9.59 / 20 edge Pav	9.32 / 40 Pav
63.4	61.0	59.7	59.7	59.85	60.12

69.44

60.6 / 2.8 / 40	60.0 / 3.4 / 20	59.9 / 3.5	59.96 / 3.50 / 20 edge Pav	60.08 / 3.38 / 40 Pav.
59.9 / 3.5 / 40	59.6 / 3.8	59.79 / 3.67 / 20 Pav edge	59.96 / 3.50 / 40 Pav.	
59.9 / 3.5 / 40 dirt	59.9 / 3.5	59.75 / 3.71 / 20 AC. Pav. edge	59.62 / 3.84 / 40 AC Pav	
60.38 / 3.08 / 40	60.12 / 3.34	59.87 / 3.59 / 40		

63.46

0+72

0+67

0+54

0+50

0+46

69.44

64.4	63.7	63.2	62.1	62.1	61.6	62.8	63.7
5.0	5.7	6.2	7.3	7.3	7.8	6.6	5.7
40	38	20	11		17	24	40

	63.6	62.2	61.9
	5.8	7.2	7.5
	40	20	
	oil	oil	

	63.5	61.9	61.6
	5.9	7.5	7.8
	40	20	
	oil	oil	

			61.44	60.92	61.84	62.46	63.54
			8.0	8.57	7.60	6.98	5.90
				17	22	38	40
				edge Pav			Top Bag Rock Wall

65.0	62.8	62.44	61.1	61.3	60.83	61.60	61.12	60.54
4.4	6.6	7.0	8.3	8.1	8.61	7.84	8.32	8.90
40	30	21	13		13 edge	24	34	40

69.44

69.44

2+00

1+91 25 LT 14" dia. Pep. Tree

1+76 26 RT 18" dia. Pep. Tree

1+55 25 LT 14" dia. Pep. Tree

1+50

1+46 26 RT 14" dia. Pep. Tree

1+16 24 LT 16" dia. Pep. Tree

1+05 25 RT P.P.

1+00

0+91 24 LT Olive Tree

0+77 E 18" Brick Walk

L9+44

68.7 65.8 65.5 65.9 64.9 64.8 64.1 64.3 65.5
0.7 3.6 3.9 3.5 4.5 4.6 5.3 4.5 3.9
40 35 20 15 10 17 21 40

64.0 63.6 63.5 64.0 63.9 63.3 63.1 63.4
2.4 4.0 3.9 5.4 5.5 6.1 5.3 4.0
40 37 20 11 18 24 40

65.6 64.3 64.2 62.9 62.8 62.4 62.4 62.7
3.8 5.1 5.2 6.5 6.6 7.0 6.0 5.7
40 38 20 11 18 29 40

62.8
5.0
41

L9+44

3 + 50

3 + 48 25 Lt 12" dia. Pop tree

3 + 00

+ 75 25 Lt 12" dia Pop tree

+ 70 25' Rt 12" Pop. tree

T.P. 3.44 66.97 5.91 63.53

2 + 50 2.4 / 40

+ 35 25 Rt 12" dia Pop. tree

2 + 33 25 Lt 10" dia. Pop. tree

2 + 06 25' Rt 15" dia Pop. tree

69.44

65.0 / 1.9 / 40 — 64.2 / 3.7 / 38 — 63.7 / 3.2 / 14 — 62.6 / 4.3 / 10 — 62.2 / 4.7 — 61.4 / 5.5 / 18 — 62.3 / 4.6 / 24 — 62.4 / 4.5 / 40

65.8 / 1.1 / 40 — 64.7 / 2.2 / 32 — 64.3 / 2.6 / 20 — 63.8 / 3.1 / 11 — 63.4 / 3.5 — 62.2 / 4.7 / 18 — 63.2 / 3.7 / 27 — 63.6 / 3.3 / 40

66.97

66.3 / 3.1 / 36 — 64.9 / 4.5 / 20 — 65.0 / 4.4 / 15 — 64.2 / 5.2 / 11 — 64.2 / 5.2 — 63.3 / 6.1 / 17 — 64.1 / 5.3 / 35 — 64.6 / 4.8 / 40

69.44

Check to BM BP NW Cor. Grand & Jewell — 8.91 — 51.8x — 51.84 / 0.00

T.P. — 1.58 — 60.75 — 7.80 — 59.17

E.L. Jewell

E. c6 Line Jewell

Jewell = 40' betw. curbs

5+19.5 W. c6 Line Jewell

4+99.5 W.L. Jewell

+53 26 Lt. 30" di. Fan Palm

4+50

4+16 26 Lt 30" Fan Palm

3+99.6 Beg old curb & walk on Rt

Lt

61.85		
5.12 / 20 Top Curb		
5.1x / 40 Top c6 Ret.		
62.3	61.9	60.8
4.6 / 40	5.0 / 20	6.1 / 11
63.1	62.3	61.4
3.8 / 40	4.6 / 20	5.x / 9
63.9	63.4	63.3
3.0 / 40	3.5 / 38	3.6 / 15

Cl

60.9		
6.7		
60.2	59.6	
6.4 / 20	7.4 / 20	
61.0	60.0	
5.9	6.9 / 20	
62.1	61.6	
4.8 / 11	5.3 / 20	

Rt

59.1	59.9		
7.8 / 20	7.0 / 20 Top c6		
59.8			
7.09 / 40 Top c6 Ret.			
59.99			
6.98 / 40 Top c6 Ret.			
59.6	60.00	60.2	
7.4 / 20	6.97 / 20 Top curb	6.7 / 40	
60.0	60.62	60.9	
6.9 / 20	6.31 / 20 Top Curb	6.0 / 40	
61.4	61.79	61.9	
6.3 / 20	5.63 / 20 Top c6	5.x / 40	

6.97

6.97

Survey for drain
South of Bird Rock Add.
Ocean to La Jolla Mesa Dr.
South of Colima Ave.

MOORE
BF99
GREER
ROBERTS
5-21-47

W.O. 900 41

La Jolla Blvd

Ed. Glen Mora
S. by Bird Rock

wash
wash
wash

2+58
Δ = 64° Rt.
2x2

0+73.6
2x2

0+41.2

0+00

Top of bank

Bottom

M.H.

Indexed
C.S.K.

47

E. Curb

W. Curb

9+31

158

Fl. Inlet
El. Fl. 47.99

Flat Box
Con. drain

1+3

13' Cb. Inlets

20.3

El. Fl. C5.78

20'

Ed. L.d. C.T.

90° 0' 45"

Chord & Cross

22.5 ft

8+91
0° 0' 45" Rt.

500'

C+31
Δ = 28° 30' Lt
2x2" Hub

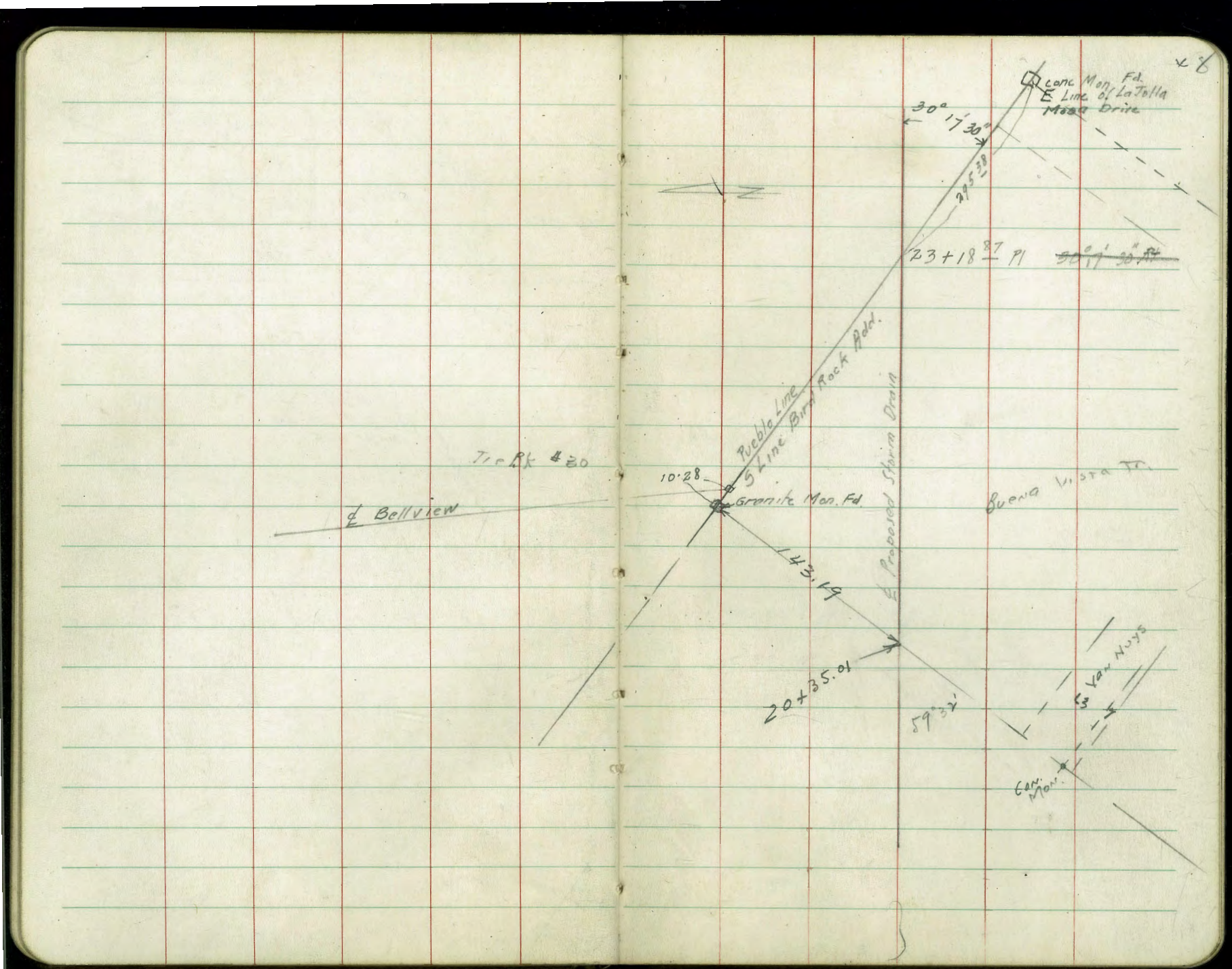
Proposed drain

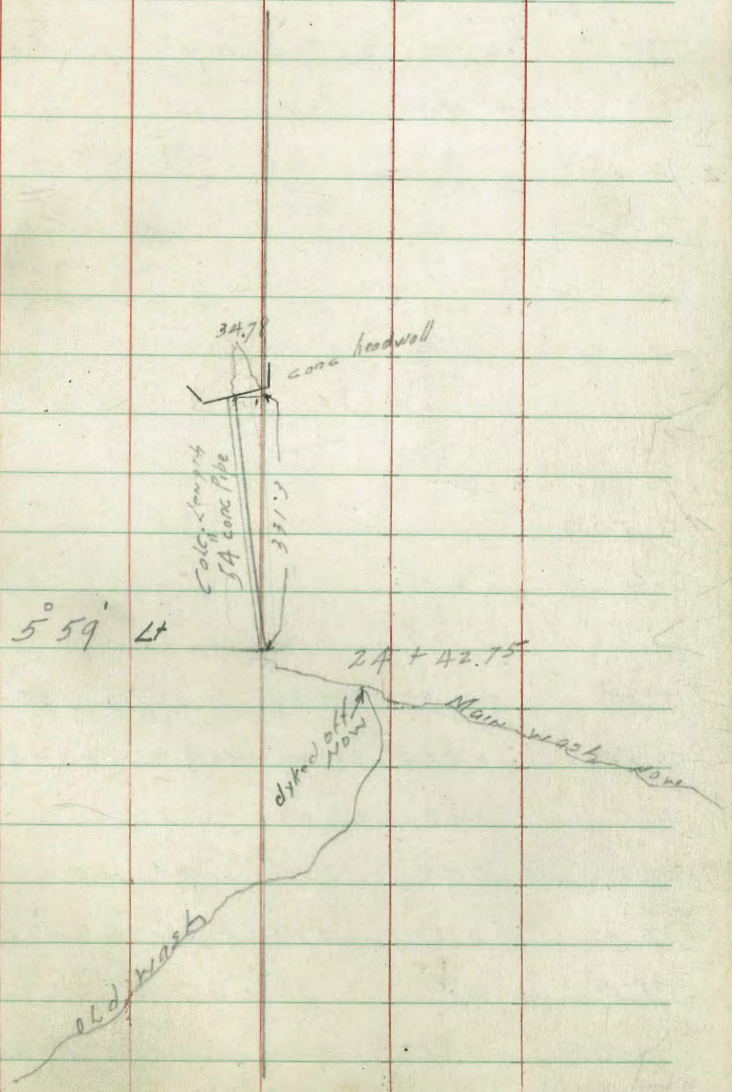
Prop. Horiz. Apb
Tract

73.99
8.21
C 5.78 outlet

73.99
C.02
C 7.97 Inlet

2+58
Δ = 64° Rt.


conc Mon. Fd.
℄ Line of La Jolla Mesa Drive
30° 17' 30"
215.38
23+18.87 PI
Pueblo Line
5 Line Bird Rock Rd.
℄ Proposed Sierra Drive
Buena Vista Tr.
Tr. Rk #20
10.28
Granite Mon. Fd.
℄ Bellview
143.19
20+35.01
59° 32'
Yan Nuys
43
Conc. Mon.


34.78
conc headwall
Calc. length
54" conc pipe
5° 59' Lt
24+42.75
Main wash flow
dyked off flow
old wash

Drain Levels.

0+73.6					
T.P.	2.10	26.70 ✓	0.44	24.60	
0+41					
0+20					
0+00	Sec. at 90°				
T.P.	2.19	25.04 ✓	11.95	22.85	
T.P.	0.86	34.80 ✓	12.55	33.94	
T.P.	1.48	46.59 ✓	12.39	45.11	
T.P.	0.25	57.50 ✓	12.54	57.25	
T.P.	0.42	69.79 ✓	4.34	69.37	✓
T.P.	4.14	73.71 ✓	8.77	69.59	
SW BP	0.38	78.36 ✓		77.98	old City datum

℄ = N 24° W ℄

38.8	36.7	39.3	29.2	29.6	13.6	-0.8	-6.5
+12.1	+10.0	+3.6	0.5	2.1	13.1	27.1	33.2
81	50	32		7	25	46 Toe Cliff Mouth of wash	96
Fence							

26.70 ✓

28.0	17.0	0.9	-3.0	
+3.0	8.0	24.1	28.0	
93	50	Base Cl. Ft	80	
Top Cl. Ft Fence				
1.2	0.4	-3.2	-6.0	
29.8	24.6	28.2	31.0	
78	50		100	
Base Cl. Ft				
-2.4	-3.8	-4.4	-7.5	
27.4	28.8	29.4	32.5	
100	50		100	

25.04 ✓

Top Cb. N. of 8+91

La Jolla Blvd & Colima.

1+90												
1+67												
T.P.	10.60	35.20 ✓	2.10	24.60								
1+45												41.2 +14.5 100
1+28	This wash is to be filled up, Jim told.											
1+05												
0+85		26.70										

93.1	92.6	38.6	27.2	16.1	16.2	25.7	28.6	32.1	25.8		
+7.9	+7.4	0.6	8.0	19.1	19.0	9.5	6.6	3.1	9.8		
100	42	24		15	21 Wash	38	63	76	112		
41.7	42.9	42.8	30.7	29.3	21.8	14.1	13.1	15.0	22.8	32.6	
+6.5	+7.7	+7.2	4.5	5.9	13.8	21.1	22.1	20.2	12.8	2.6	
70	43 Fence	40	17		25	35	40 wash	50	80	100	
				35.20 ✓							
41.7	42.2	31.9	30.2	29.0	20.3	14.3	11.5	28.3	22.7		
+15.0	+15.5	+4.7	+3.5	2.7	6.4	15.8	15.5	+1.6	4.0		
57 Fence	36	16		35	46	72	77 wash	83	107 Top cliff		
40.9	41.8	41.8	30.2	28.5	24.5	14.9	6.6	6.6	16.9	-0.3	
+14.3	+15.1	+15.1	+3.5	+1.8	2.2	11.8	20.1	20.1	6.0	9.8	27.0
100	70 Fence	39	14		17	33	42 wash	49	68	90 Top cliff	100
40.7	41.1	39.8	29.7	26.7	9.2	8.2	15.0	9.2	-0.8		
+14.0	+14.4	+12.7	+3.0	0.0	22.5	22.5	11.7	17.5	27.1		
100	82	33	15		28 wash	37	27	78 Top cliff	82 Beach		
39.8	38.8	30.5	26.7	18.9	2.2	-0.3	-0.5	-5.3			
+13.1	+12.1	+3.8	0.0	8.3	24.5	27.0	27.2	32.0			
100	81	37	17		16	37 wash	50 Top cliff on	65 Beach	100		
Fence S.C. Navy Gun School				26.70 ✓							

3+07								
3+07								
2+93								
2+87								
2+80	Sec. 90°							
2+58 A	64° Rt.	Sec. on Spl. 7 A						
T.P.	11.9	45.9 ✓	1.18	34.0				
2+30	Sec. 90°							
		35.20						

Lt			℄			Rt		
							36.7	
							9.2	
							C5	
36.6	31.6	27.2	31.7	27.9	22.8	27.7	36.9	39.2
9.3	14.3	18.7	14.2	18.0	23.1	18.2	9.5	6.7
87	57	xx Wash	33		8 Sly Wash	14	38	50
	47.9	23.7	20.8	21.9	38.8	39.6	35.6	
	+2.0	22.2	25.1	24.5	11.1	6.3	10.3	
	87	33	Wash	15	35	52	70	
47.7	45.3	23.7	20.9	19.8	32.6	38.5	35.2	
+1.8	0.6	22.2	25.0	26.1	13.3	7.4	10.7	
87	C3	22	Wash	16	34	52	71	
47.9	48.0	33.9	28.8	19.9	30.8			
+2.0	1.9	12.5	17.1	26.5	15.1			
100	46	16		20	32			
	45.9	45.3	39.9	19.2	19.2	31.7	36.9	
	0.0	0.6	10.0	26.7	26.7	14.2	9.0	
	100	16		28	33	41	C7	
				Wash				
			45.9 ✓					
49.6	49.7	49.2	28.7	17.6	17.5	30.9	38.8	
+9.4	+9.5	+9.0	6.5	17.6	17.7	4.8	0.8	
100	57	26		17	20	32	45	
				Wash				
			35.20 ✓					

	LT							
4+50								
4+20								
3+80								
T.F.	7.16	51.8 ✓	1.9	44.0 ✓				
3+58								
3+30								
3+16								
		45.9 ✓						

	℄							
	51.0	49.6	49.8	43.8	43.8			
	0.2 / 100	1.6 / 50	1.8	7.4 / 50	7.4 / 90			
	48.8	47.8	49.3	45.9	46.8	42.8	38.9	39.0
	2.4 / 100	3.8 / 92	1.8 / 50	5.3	4.8 / 34	6.4 / 50	12.3 / 62	12.2 / 100
	49.0	38.8	46.3	43.9	42.3	42.8		
	2.2 / 100	12.8 / 73 sly wash	4.9 / 50	7.3	8.9 / 50	8.4 / 80		
			51.8 ✓					
	47.7	45.2	38.2	37.0	39.9	41.8	41.3	39.3	38.7
	11.8 / 100	0.7 / 76	11.7 / 44 wash	8.9 / 41	6.0 / 24	4.1	4.6 / 35	6.6 / 50	7.7 / 76
	42.8	43.9	39.7	28.8	32.6	33.5	38.3	37.8	36.6
	1.5 / 66	2.0 / 56	11.2 / 27	17.1 / 18 wash	13.3 / 12	12.4	7.6 / 30	8.1 / 50	9.3 / 76
	30.9	30.3	37.1	29.2	25.8	30.1	37.9	39.2	36.6
	15.0 / 100 sly wash	15.6 / 78 wash	8.8 / 45	16.7 / 11	20.5 wash	15.8 / 6	8.0 / 37	6.7 / 50	9.3 / 63
			45.9 ✓					

39.3
6.6 / 100

7+00

6+50

6+31 Δ 28°30' Lt Section split

6+00

T.P.	9.20	46.32 ✓	0.85	57.17

5+50

5+00

T.P.	2.73	57.97 ✓	0.94	50.24
		51.18		

Lt		℄		Rt
60.2	60.3	60.6	60.2	59.7
6.1 / 100	6.0 / 50	5.7	6.1 / 50	6.6 / 100
57.7	57.9	58.2	58.0	57.8
8.6 / 100	8.4 / 50	8.1	8.3 / 50	8.5 / 100
58.1	57.8	57.5	56.5	55.9
8.2 / 100	8.5 / 50	8.8	9.8 / 50	10.4 / 100
58.1	57.1	56.3	54.8	53.7
8.2 / 100	9.2 / 50	10.0	11.5 / 50	12.6 / 100

66.32 ✓

56.8	58.7	59.2	52.9	52.2
1.7 / 100	3.3 / 50	3.8	5.1 / 50	5.8 / 96
55.2	53.5	52.8	50.9	48.1	43.6
2.8 / 100	4.5 / 50	5.6 / 25	7.1	9.9 / 50	14.4 / 92

57.97 ✓

					Lt.	℄	Rt.			
8+91	W'ly quarter ∠ 0°04'45" Rt	La Jolla Blvd.								
					65.20	67.80	68.98	68.99	69.06	69.15
					8.79	6.09	5.05	5.00	4.93	4.84
					472.9	472.9	100	50		50
					F.L. Box	grate				
8+91	W'ly C&G Line	La Jolla Blvd.			68.85	69.33	69.37	69.25	69.55	69.62
					5.14	4.66	4.62	4.54	4.44	437
					472.9	100	50		50	100
					CTR. IN Lot TOP Curb					
8+61	W'ly	La Jolla Blvd.			66.8	66.6	66.8	67.0	66.7	
					7.2	7.4	7.2	7.0	7.3	
					100	50		50	100	
8+50					66.2	66.1	66.3	66.7	65.9	
					7.8	7.9	7.7	7.3	8.1	
					100	50		50	100	
T.P.	277	73.99 ✓	0.10	66.22			73.99 ✓			
8+00					68.5	68.2	68.2	68.6	68.5	
					1.8	2.1	2.1	1.7	1.8	
					100	50		50	100	
7+50					62.2	62.2	62.5	62.8	61.9	
					4.1	4.1	3.8	3.9	4.4	
					100	50		50	100	
		66.37					66.37 ✓			

9+61 E.L. La Jolla Blvd.
9+41 C & Rt 8" d. Encak.
9+37.6 14' Lt P.P. 132 C & Rt P.P. 131

Check to T.P. Top curb
P. 50 ✓

	Lt	℄	Rt
	71.6	71.3	71.1	71.7	72.0
	2.4	2.7	2.9	2.3	2.0
	100	50		50	100

	4 Lt	℄				
	69.87	69.99	70.01	70.10	70.21	70.28
	4.12	4.00	3.98	3.89	3.78	3.51
	100	50		50	100	225.2 Top c6.

9+31 Ely Curb La Jolla Blvd.

	69.35					
	4.04					
	472.9 CTR. INLET Top c6.					

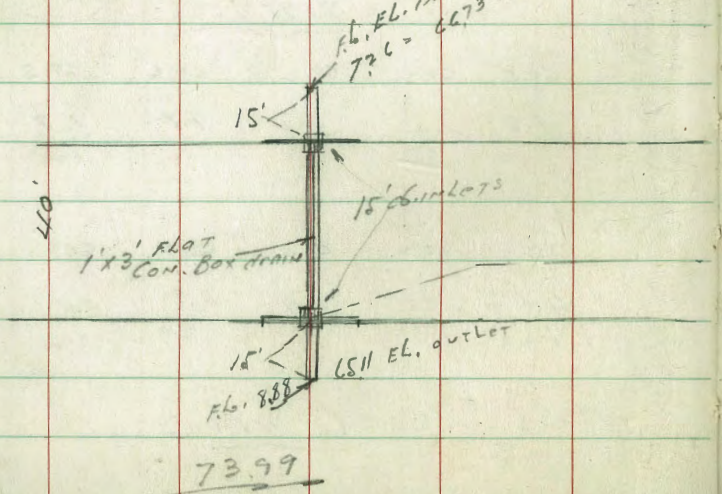
	4 Lt	℄					
	69.19	69.16	69.29	69.27	69.36	69.55	69.89
	4.85	4.83	4.75	4.72	4.63	4.44	6.10
	100	50		50	100	225.2 grate	225.2 FL. Box

9+31 ℄ Blvd.

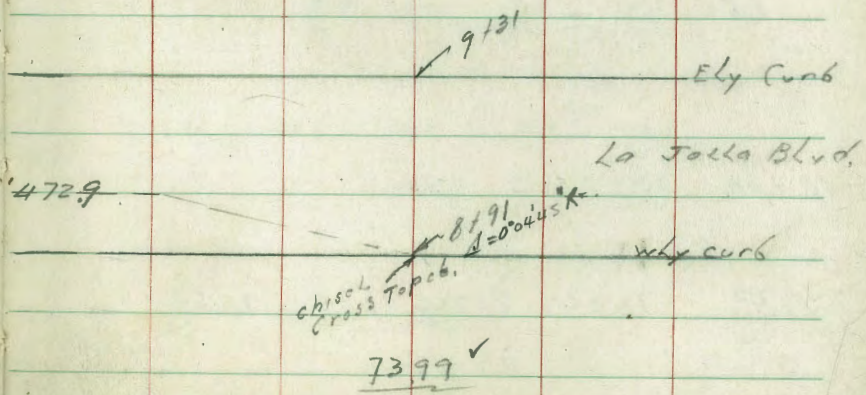
	66.78	68.54				
	7.28	5.45				
	472.9 F.L. Box	472.9 grate				

	69.61	69.65	69.73	69.82	69.92
	4.38	4.34	4.26	4.17	4.05
	100	50		50	100

9+11 La Jolla ℄ Blvd.



73.99



73.99 ✓

								Lt		℄		Rt							
								89.5	89.3	89.2	89.6	83.8	78.9	79.0	89.8				
12 + 50								11.1 / 100	11.3 / 50	11.2	11.0 / 50	11.8 / 93	14.7 / 95	16.6 / 99 ditch	11.2 / 100				
T.P.	12.31	95.59 ✓	0.58	83.28						95.59 ✓									
12 + 35	12.1 Rt P.P. J.R. 5308 33 Lt P.P. J.R. 5318.							80.8	80.6	80.7	81.0	84.6	76.2	77.7	81.8				
12								3.1 / 100	3.3 / 50	3.2	2.9 / 50	2.3 / 90	7.7 / 92	6.2 / 99 ditch	2.5 / 100				
+ 50								78.5	78.5	78.5	78.7	78.7							
								5.2 / 100	5.2 / 50	5.2	5.2 / 50	5.2 / 100							
11								76.8	76.8	76.2	76.7	76.7							
								7.2 / 100	7.5 / 50	7.7	7.2 / 50	7.2 / 100							
+ 50								75.2	74.2	74.8	74.9	75.0							
								8.7 / 100	9.7 / 50	9.5	9.0 / 50	8.9 / 100							
10 + 00								73.1	72.5	72.2	72.9	73.3							
								10.8 / 100	11.2 / 50	11.7	11.0 / 50	10.6 / 100							
T.P.	12.36	83.86 ✓	2.49	71.50						83.86 ✓									
		73.99																	

						L		¢		Rt			
						101.3	100.2	99.4	99.0	98.3			
+50						5.7 / 100	6.8 / 50	7.6	8.0 / 50	8.7 / 100			
						97.5	97.4	96.8	96.2	95.4			
+5						9.5 / 100	9.6 / 50	10.2	10.8 / 50	11.6 / 100			
T.P.	12.56	107.02 ✓	1.13	94.46			107.02 ✓						
						95.4	94.6	93.8	93.3	92.8			
+50						0.2 / 100	1.0 / 50	1.8	2.3 / 50	2.8 / 100			
						91.3	91.1	90.5	90.3	90.9			
14						4.3 / 100	4.5 / 50	5.1	5.3 / 50	4.7 / 100			
						89.2	88.8	88.4	88.3	88.3			
+50						6.4 / 100	6.8 / 50	7.2	7.3 / 50	7.3 / 100			
						86.4	86.3	86.0	86.0	86.2	86.5	81.0	86.3
13						9.2 / 100	9.3 / 50	9.6	9.6 / 50	9.4 / 100	9.1 / 120	14.6 / 124	9.3 / 127
		95.59					95.59						

↑ ditch goes Sly from here

±50				
T.P.	12.36	128.91 ✓	0.17	116.55
1.8				
±50				
47				
T.P.	10.89	116.72 ✓	1.19	105.83
±50				
16				
		107.0N		

L7 8 TP

116.6	116.8	116.5	116.9	116.3
12.3 / 100	12.5 / 50	12.4	12.0 / 50	12.6 / 100

128.91 ✓

113.6	113.N	113.6	113.7	113.0
3.4 / 100	3.5 / 50	3.1	3.0 / 50	3.7 / 100

110.5	110.6	110.7	110.3	109.9
6.2 / 100	6.1 / 50	6.0	6.4 / 50	6.8 / 100

108.3	108.N	108.0	107.9	106.8
8.4 / 100	8.5 / 50	8.7	9.3 / 50	9.9 / 100

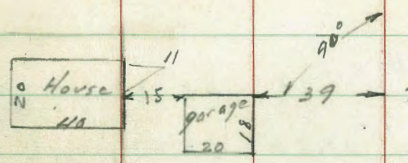
116.72 ✓

106.8	105.8	105.1	104.7	103.0
0.6 / 100	1.2 / 50	1.9	2.3 / 50	3.0 / 100

103.9	102.8	102.3	101.6	100.9
3.1 / 100	4.2 / 50	4.7	5.4 / 50	6.1 / 100

107.0N

						Lt					℄		Rt
+50					130.5 8.1/100	130.4 8.2/93 old wash	128.6 10.0/88	128.3 10.3/83	131.6 7.0/75	132.5 6.1/50	133.4 5.2	133.2 5.4/50	133.3 5.3/100
21								129.5 9.1/100	130.4 8.2/50		130.5 8.1	130.1 8.5/50	130.6 8.0/100
T.P.	9.87	138.59 ✓	0.19	128.72							138.59 ✓		
+50								127.6 1.3/100	127.7 1.2/50		127.3 1.6	127.3 1.6/50	127.5 1.4/100
20								125.0 3.9/100	125.2 3.7/50		124.7 4.2	125.1 3.8/50	125.4 3.5/100
+50								121.8 7.1/100	122.1 6.8/50		121.9 7.0	121.8 7.1/50	121.1 7.8/100
19								119.7 9.2/100	119.2 9.7/50		119.0 9.9	118.9 10.0/50	118.3 10.6/100
		128.91									128.91 ✓		



	140.6	141.0	140.4	138.4	140.9	141.9	
	6.7	6.3	7.1	9.1	6.4	5.4	
	40		43	53	65	100	
				ditch			
140.5	136.9	137.0	139.7	138.5	139.8		
6.8	10.4	10.3	12.6	8.8	7.9		
70	50		13	40	100		
			ditch				
135.7	135.9	136.1	138.8	137.8	137.9	138.3	
11.6	11.4	11.2	12.9	9.9	9.4	9.0	
83	50	13	ditch	12	50	100	
135.0	135.1	135.3	134.0	136.4	137.8	137.9	137.8
12.3	12.2	12.0	13.3	11.1	9.5	9.4	9.5
100	50	19	10		22	50	100
			ditch				
133.9	133.9	132.9	131.7	133.6	134.9	135.8	135.7	136.3
13.4	13.4	14.4	15.6	13.7	12.4	11.5	11.6	11.0
100	50	29	25	10	6		50	100
			ditch					

147.29 ✓

23

38

28

22

I.P.	11.23	147.29 ✓	2.53	136.06
		138.59 ✓		

over

check to Mon. E.6. Mission Bad. S 7' of Hacker St.		12.44	123.06	123.28	0.22
T.P.	0.79	135.50	12.68	135.21	
T.P.	0.64	147.89	12.64	147.25	
T.P.	0.70	159.89	13.04	159.19	
Inlet of 54" Con. Pipe			11.01	161.22	INVERT
T.P.	3.62	172.23	1.82	168.61	
T.P.	12.72	170.43	0.70	157.71	
24 + 42.75	outlet Ex. 54" Con. Pipe		11.22	147.19	INVERT
#15					
24					
T.P.	11.74	158.41	0.62	146.67	
23 + 50					
		147.29			

152.6	152.9	148.5	149.8	149.9	153.0	
5.8 / 30	5.5 / 15	9.9 dirt filled	8.6 / 3	8.5 / 13	5.4 / 29	
150.0	151.0	148.8	148.8	148.2	147.7	
8.4 / 50	7.4	14.0 / 50 New wash	15.0 / 82	13.2 / 85	10.7 / 100	
148.7	149.3	149.9	149.2	149.3	148.7	
9.7 / 50	9.1	13.5 / 50	16.2 / 75 New wash	14.1 / 84	14.7 / 100	
158.41						
149.1	149.8	149.0	149.2	149.3	148.3	
3.7 / 50	2.9	3.3 / 27	6.1 / 42 old ditch end	5.0 / 46	4.0 / 100	
147.29						

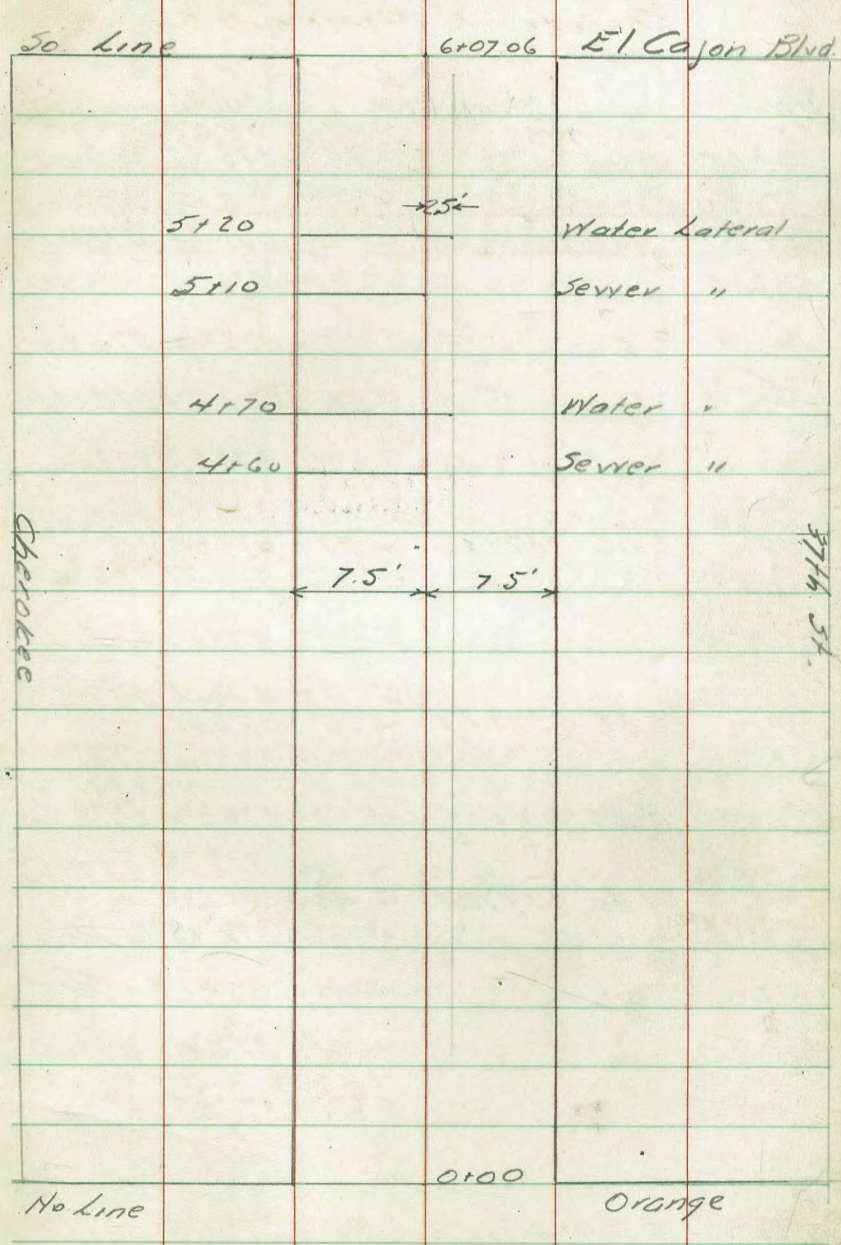
		135.50 ✓			
T.P.	2.34	126.85 ✓	10.99	124.51	
T.P.	2.14	116.95 ✓	12.04	114.81	
T.P.	0.61	104.75 ✓	12.81	104.14	
T.P.	0.55	94.72 ✓	10.58	94.17	
T.P.	2.65	86.75 ✓	10.62	84.10	
T.P.	5.56	80.15 ✓	12.16	74.59	
check to orig. BM.			2.15	78.00 ✓	77.98

Notes Revised Pg. 50 to 63 JE. 6-2-87

July 17, 47 Construction Grades Alley
Hendricks Between 37th & Cherokee and
Moore Orange & El Cajon
Sherman
WO#31115

Block 33
Rmb. Bl. #1 & 2
Tenelta

INDEXED



Grades Alley Between 37th St. & Cherokee & Orange & El Cajon

Sta	+	H.I	Lt. −	Elev. Stakes	Elev. Grade Lt	Cut Lt	Rod Rt.	Elev. Stakes Rt	Elev. Grade Rt	Cuts Rt.
CK W CB So.	L El Cajon		4.49	374.87	(374.92 XP 11)					
6+00			3.77	375.59	375.04	0.55	3.80	375.56	374.65	0.91
5+50			4.28	375.08	374.45	0.63	3.53	375.83	374.16	1.67
5+20			4.03	375.33	374.10	1.23	3.39	375.97	373.86	2.11
5+00			5.19	374.17	373.90	0.27	3.92	375.44	373.69	1.75
4+80	Brk		5.48	373.88	373.78	0.10	4.71	374.65	373.58	1.07
4+50			5.52	373.84	373.66	0.18	5.09	374.27	373.46	0.81
4+00			5.54	373.82	373.46	0.36	5.91	373.45	373.26	0.19
3+50			6.02	373.34	373.26	0.08	6.06	373.30	373.06	0.24
T.P.	6.06	379.36	4.97	373.30						
3+00			5.36	372.91	373.06	F 0.15	5.22	373.05	372.86	0.19
2+50			5.14	373.13	372.86	C 0.27	5.38	372.89	372.66	0.23
2+00			5.19	373.08	372.66	0.42	5.38	372.89	372.46	0.43
T.P.	5.32	378.27	4.55	372.95						
1+50			4.04	373.46	372.46	1.00	4.55	372.95	372.26	0.69
1+00	Brk.		4.17	373.33	372.26	1.07	4.95	372.55	372.06	0.49
0+80			4.24	373.26	372.13	1.13	5.10	372.40	371.94	0.46
T.P.	4.90	377.50	4.43	372.60						
0+60			4.28	372.75	371.91	0.84	4.43	372.60	371.76	0.84
0+40			4.41	372.62	371.59	1.03	4.51	372.52	371.50	1.02
0+20			4.61	372.42	371.17	1.25	4.84	372.19	371.17	1.02
0+00			5.68	371.35	370.71	0.64	5.88	371.15	370.80	0.35
T.P.	3.30	377.03	6.92	373.73						
B.M.	3.60	380.65		377.05						

NW B.P. Wilson & Orange

Stake out Laterals.
Alley Block 33 Teralta

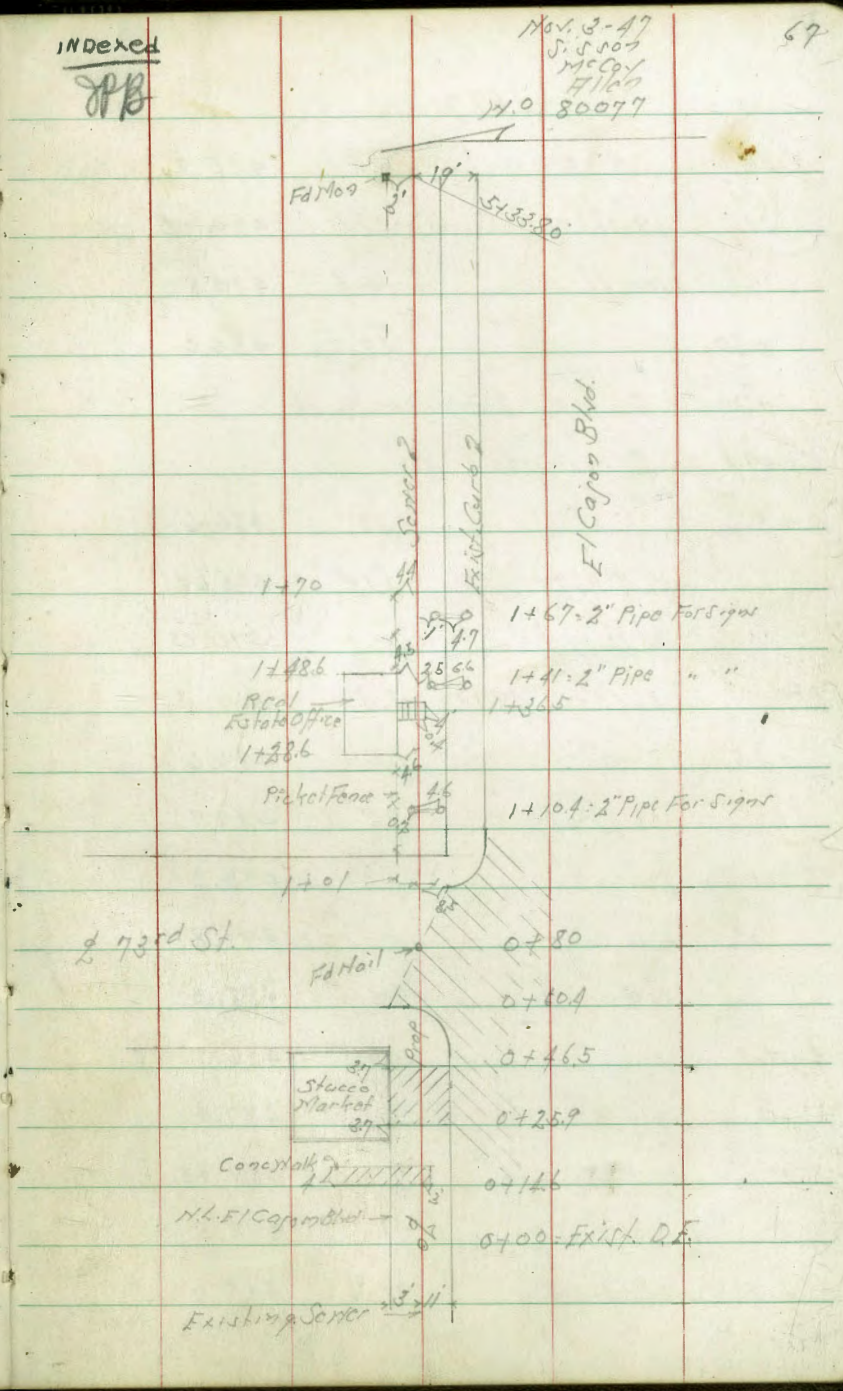
Sta	+	H.I.	-	Stake Elev ℄	~~2-50 Below~~ Elev Grade FL	Cut.	-	Stake Elev. ℄	Elev. Grade ℄	Cut
5+20	Water Lateral		4.03	375.33	371.60	3.73 ✓ 2.50 Below Finish grade	4.63	374.73	371.23	3.50 ✓
5+10	Sewer Lateral		4.24	375.12	369.00	6.12 ✓ 5' Below	4.77	374.59	368.85	5.74 ✓
4+70	Water Lateral		5.44	373.92	371.24	2.68 ✓ 2.5 Below	5.15	374.21	370.89	3.32 ✓
4+60	Sewer Lateral		5.23	374.13	368.70	5.43 ✓ 5.0 Below	5.27	374.09	368.55	5.54 ✓
B.M.	6.06	37936		373.30		Grade Stake 2' Rt 3+50		Page 65 This Book		

Rmvd H & T

Proposed Sewer El Cajon Blvd. East of 73rd St.
To Serve Lot 5 La Mesa Colony

INDexed

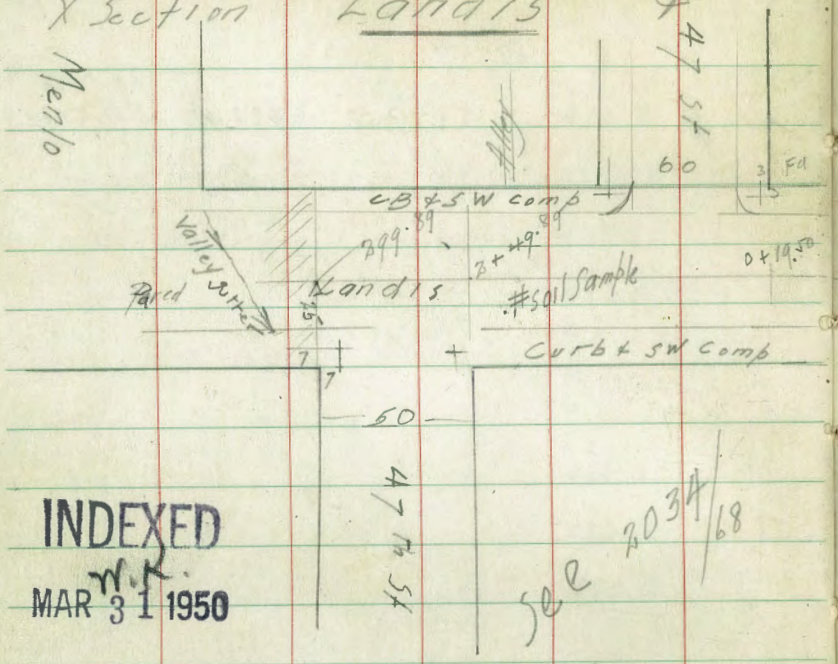
B.M.	9.41	189.76		180.35	SW B.P. El Cajon Blvd. +73rd St.
0+0	= Existing DE		10.4	479.4	
+14.6	= W'ly 4' Conc. Walk		10.02	479.74	
+35.9	= W'ly Conc. Slab		9.61	480.15	
+46.5	= E'ly " "		9.25	480.51	
+60.4	= Curb Top		9.25	480.51	
"	= Gutter		9.73	480.03	
+80	= ℄ 73rd St.		9.07	480.69	on Nail
1+0			8.1	481.7	
"	8.5 Rt of ℄ = W'ly Co. Ref.		8.24	481.52	
+31.5	4.6 Lt of ℄ = Real Est.		4.8	485.08	office on Floor
+50			6.6	483.2	
+77			6.0	483.8	
2+0			4.8	485.0	
"	19' Rt of ℄ = Curb		6.76	483.00	
"	100' Lt " "		0.5	489.3	
+16	2' Lt of ℄ = Cluster Grove Bushes				
+50			4.4	485.4	
4+55	2' Lt of ℄ = 3" Pine Tree				
+77	℄ = ℄ 12' Diam. Century Plant				



		489.76			
3+0			4.6	485.2	
"	19' Rt of ℄ Curb		4.84	484.92	Top
"	100' Lt " "		+0.4	489.80	
+50			3.8	486.0	
+70	2.2' Lt of ℄ 2-3" Goose Bush				
+94	2' " " ℄ 4' "				
4+0			3.2	486.6	
"	19' Rt of ℄ Curb		3.14	486.62	
"	100' Lt of ℄		+0.2	490.0	
TP	11.14	497.59	3.31	486.45	
+25			11.0	486.6	
"	100' Lt of ℄		7.7	489.9	
"	200' " " "		4.3	493.3	
"	250' " " "		5.8	491.8	
"	300' " " "		9.3	488.3	
4+50			10.9	486.7	
5+0			10.2	487.4	
"	19' Rt of ℄ Curb		9.16	488.43	
"	100' Lt of ℄		9.1	488.5	
+33.8	= Ely Lot S		9.6	488.0	

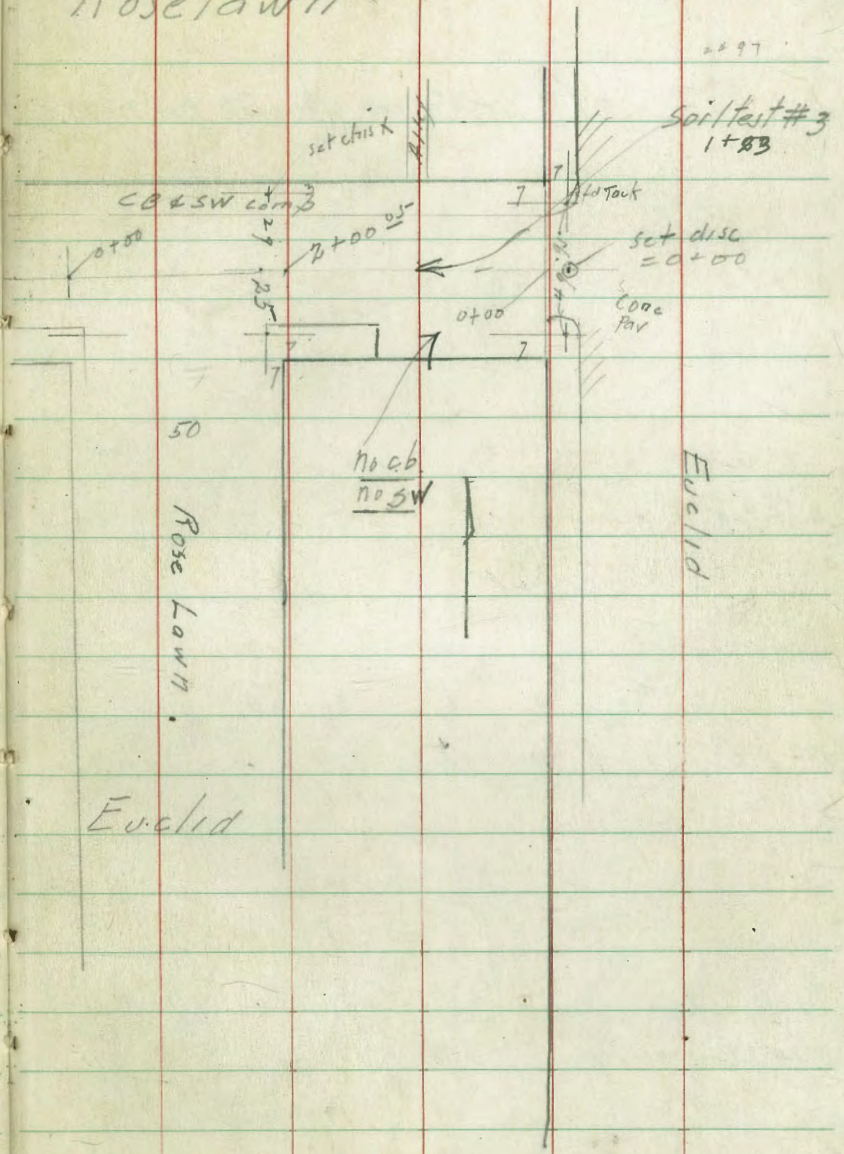
		497.59			
B.M.			9.52	488.07	07 Mon 3' Lt 5733.8

X Section Landis



Moore Landis 47 & Euclid
Begg Roselawn Landis &
Sherman 3/28/50 WO 31830
Crawford

Roselawn



0+99 21.3 Lt NW cor Bell Toll Box 3.2×1.7

0+50 343.1 343.2 343.5 343.8 343.42 (343.24)
5.5 5.4 5.1 5.8 5.19
30 20 19.5 cb

0+30 343.7 343.8 343.2 343.7 343.4 343.95 (343.7)
4.9 4.8 5.4 4.9 5.2 4.66
30 20 19 19.5 19.5 cb

0+00 343.5 343.42 343.03 343.60 343.93 344.32 344.00 Est.
5.19 5.58 5.01 4.68 4.29
cb .9 19.5 cb
20.4
conc

Reduced by Lawrence
4-5-57

0-12 cb Inc Euclid 342.46
6.15
cb

342.06 343.35 342.93 343.09 343.41 343.63 343.67 344.15 342.99 342.19
6.55 5.26 5.68 5.52 5.20 4.98 4.94 4.46 5.82 5.32
82.4 3.2 cb 4 9 20.4 19.5 9 cb 9 cb
BC 32.6 82.6

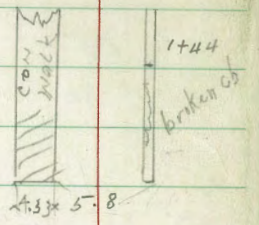
348.61

8 15 348.61 340.46 Lantana Dr & Euclid NE BP

1+44 beg curb Lt

broken curb ℄ gar 1+40

1+35 beg sidewalk Lt



1+34 MH

1+25 EC ℄ 21 line of alley to Rt

1+13 BC ℄ cb Rt

TP 2.23 344.37 6.47 343.14

1+00

348.61

341.19 340.8 341.2

3.18 3.5 3.1

30.5 9

341.54 341.48 ℄

2.83 2.89

30.63 26.3

341.80

2.57

342.21 342.43

2.16 1.94

20.1 3.14

341.6 341.7 341.8 341.8 341.5 342.19 (342.13)

2.7 2.6 3.1 2.5 2.8 3.18

30 21 19 19.6 19.6

344.37

Top of Hydrant Rose lawn & Landis

342.3 342.2 342.0 342.5 341.9 342.56 (342.48)

6.3 6.4 6.6 6.1 6.7 6.05

30 20 ~~18~~ 19.6 CB

19.6

348.61

1.81 343.95 2.23 342.14 Rt

7+00.05 Rose lawn

1+83 ℄ driveway 6' wide

1+47 EC cb

1+45 line of Alley To R

344 37

343.95

340.37 339.8 340.2 339.9 340.91
4.00 4.5 4.1 4.4 3.46
cb 20.3 9 19.8 cb
20.3

340.60 340.1 340.5 340.5 340.60 341.33
3.77 4.2 3.8 3.8 3.77 2.04
20.3 19.8 conc 25.7
19.8

341.74
2.63
19.6
cb

341.10 340.8 341.2 341.1 341.85 342.03
3.27 3.5 3.1 3.7 2.52 2.33
cb 20.5 19.6 21.6 31.6
9 cb

344 37

= 0 + 00 0S-

25+50 0S- Rosslown W Line

2+40

2+25 0S- ℄ Rose lown

2+10 0S- cb Line

343.95

339.84 339.2 339.7 339.5 340.20

4.11 4.7 4.2 4.6 3.75-

20.2 20.2 19.9 19.9

cb g g cb

339.85 339.2 339.4 339.8 339.5 340.31

4.10 4.7 4.5 4.1 4.4 3.64

cb 20.2 20 19.9 cb

33.2 19.9

339.7 339.9 339.9 339.7 340.56

4.2 4.0 4.0 4.2 3.39

30 20 19.9 cb

340.41 339.6 339.8 340.1 339.9 340.75

3.54 4.3 4.1 3.8 4.0 3.20

cb 30.4 20 19.8 cb

E g 19.8

343.95

0+34 cont'd

340.83
3.12
cb
86.7

340.22
3.73
86.7
9

0+34

339.33 338.7 339.2 339.2 339.38 339.89
4.62 5.2 4.7 4.7 4.57 4.06
cb 5 19.9 3.1.7 cb
20.2 cd. of Rv. 31.7

0+24 BC curb on 47th

339.50 338.7 339.3 339.2 339.87
4.45 5.2 4.6 4.7 4.08
cb 20.2 19.9 cb

0+195 E line 47 to North

339.54 338.8 339.3 339.1 339.94
4.41 5.1 4.6 4.8 4.01
cb 20.2 19.9 cb
9

343 95

343 95

0+64.5 cont

0+64.5 curb line

0+49.5 ℄ 47 ft N

0+48.5 ℄ driveway 7 wide

343 95

340.17 339.61
3.78 4.34
106 87 9

338.93 338.44 338.9 338.3 338.61 339.07
5.02 5.5 5.0 5.6 5.34 4.88
CB 20.2 20.2 20 9 CB
20.2 32

338.59 338.9 339.2 339.31 340.33
5.36 5.0 4.7 4.64 3.62
20.2 20 32 87
edge of
Pav

339.36 338.59
4.60 5.36
26.2 20.2

343 95

1+49	Driveway Rt.			338.0		337.87		338.51	
				5.9		6.08		5.74	
						19.8		25.7	
1+40		337.91	337.4	338.0		337.7		338.50	
		6.04	6.5	5.9		6.2		5.45	
		cb	20.2			19.8		cb	
								19.8	
1+23	MH			338.4					
				5.5					
1+00		338.47	337.8	338.4		338.0		336.82	
		5.48	6.1	5.5		5.9		5.13	
		cb	20.2						
						19.8			
0+79.5	W Inc #7 St to N	338.93	338.20	338.7		338.3		339.04	
	8' Drive to Left	5.02	5.75	5.2		5.6		4.91	
		26.2	20.2			19.8		cb	
			driveway					19.8	
	343.95		343.95						

Station	Description						
2+49.89	E line 47 to S	336.40 5.02 cb	336.0 5.4 9 20.2	336.7 4.7	336.7 4.7 9 19.9	337.51 3.91 cb	
2+25	W Line Alley to N	336.73 4.69 cb	336.1 5.3 20.2	337.0 4.4	336.9 4.5 20	337.74 3.68 cb ret	337.92 3.50 32 · 337.82 3.60 dirt 32+
2+50	MH			337.4 4.0			
2+05	East line Alley to N — 7' driveway to Lt	337.17 4.25 26.2	336.47 4.95 20.2 on drive	337.3 4.1	337.2 4.2 19.8	337.95 3.47 22 cb.	338.20 3.22 3.2 cb dirt
	333 341.42 5.86 338.09			341.42			
1+63	Driveway on Lt 7' wide	337.75 6.20 26.2	337.10 6.85 20.2	337.8 6.1	337.5 6.4 9 19.8	338.33 5.62 cb	
	343.95			343.95			

3+15 on Paving.

	336.38	335.62	335.87	336.22	336.34	336.30	336.96	
	5.04 cb	5.80 g	5.55	5.20	5.08	5.12	4.46 cb	
		20.2	10		10	19.8	19.8	

2+99 89 W Line 47 to S

	335.98	335.38	335.98	336.47	336.68	336.45	337.10	
	5.44 cb	6.04 g	5.44	4.95	4.74	4.97 g	4.32 cb	
		20.2	10		10	19.8	19.9	

edge of Paving

2+89 89 cb line 47 to S

335.81	335.38	335.98	335.47	335.6	336.5	336.3	337.18	
5.61 cb	6.04 g	5.44 cb	5.95	5.8	4.9	5.1	4.24 cb	
		32	32	20		19.9		
			Pav					

2+74 89 ℄ 47 to S

	335.70	336.03	336.1	336.6	336.5	337.29		
	5.70	5.39	5.3	4.8	4.9	4.13 cb		
	50	32	20		19.9			

2+59 89 E cb line 47 to S

336.18	335.10	336.43	335.95	335.8	336.7	336.7	337.41	
5.24 cb	5.72 g	4.99 cb	5.47	5.6	4.7	4.7	4.01 cb	
50	50		32	20		19.9		
			edge Pav					

341.46

341.42

			7.67	340.45	340.46	Lanton & Euclid
TP	9.55	348.12	285	338.57		
		341.42.				

379.36
4.49
374.87

379.35
4.21
375.14

379.35
4.71
374.64

379.26
4.96
374.30

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

Roadway 16 feet wide. Side Slopes 1 on 1½

For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	0
1	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.9	1
2	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.4	2
3	12.5	12.7	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.9	3
4	14.0	14.2	14.3	14.5	14.6	14.8	14.9	15.1	15.2	15.4	4
5	15.5	15.7	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.9	5
6	17.0	17.2	17.3	17.5	17.6	17.8	17.9	18.1	18.2	18.4	6
7	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.6	19.7	19.9	7
8	20.0	20.2	20.3	20.5	20.6	20.8	20.9	21.1	21.2	21.4	8
9	21.5	21.7	21.8	22.0	22.1	22.3	22.4	22.6	22.7	22.9	9
10	23.0	23.2	23.3	23.5	23.6	23.8	23.9	24.1	24.2	24.4	10
11	24.5	24.7	24.8	25.0	25.1	25.3	25.4	25.6	25.7	25.9	11
12	26.0	26.2	26.3	26.5	26.6	26.8	26.9	27.1	27.2	27.4	12
13	27.5	27.7	27.8	28.0	28.1	28.3	28.4	28.6	28.7	28.9	13
14	29.0	29.2	29.3	29.5	29.6	29.8	29.9	30.1	30.2	30.4	14
15	30.5	30.7	30.8	31.0	31.1	31.3	31.4	31.6	31.7	31.9	15
16	32.0	32.2	32.3	32.5	32.6	32.8	32.9	33.1	33.2	33.4	16
17	33.5	33.7	33.8	34.0	34.1	34.3	34.4	34.6	34.7	34.9	17
18	35.0	35.2	35.3	35.5	35.6	35.8	35.9	36.1	36.2	36.4	18
19	36.5	36.7	36.8	37.0	37.1	37.3	37.4	37.6	37.7	37.9	19
20	38.0	38.2	38.3	38.5	38.6	38.8	38.9	39.1	39.2	39.4	20
21	39.5	39.7	39.8	40.0	40.1	40.3	40.4	40.6	40.7	40.9	21
22	41.0	41.2	41.3	41.5	41.6	41.8	41.9	42.1	42.2	42.4	22
23	42.5	42.7	42.8	43.0	43.1	43.3	43.4	43.6	43.7	43.9	23
24	44.0	44.2	44.3	44.5	44.6	44.8	44.9	45.1	45.2	45.4	24
25	45.5	45.7	45.8	46.0	46.1	46.3	46.4	46.6	46.7	46.9	25
26	47.0	47.2	47.3	47.5	47.6	47.8	47.9	48.1	48.2	48.4	26
27	48.5	48.7	48.8	49.0	49.1	49.3	49.4	49.6	49.7	49.9	27
28	50.0	50.2	50.3	50.5	50.6	50.8	50.9	51.1	51.2	51.4	28
29	51.5	51.7	51.8	52.0	52.1	52.3	52.4	52.6	52.7	52.9	29
30	53.0	53.2	53.3	53.5	53.6	53.8	53.9	54.1	54.2	54.4	30
31	54.5	54.7	54.8	55.0	55.1	55.3	55.4	55.6	55.7	55.9	31
32	56.0	56.2	56.3	56.5	56.6	56.8	56.9	57.1	57.2	57.4	32
33	57.5	57.7	57.8	58.0	58.1	58.3	58.4	58.6	58.7	58.9	33
34	59.0	59.2	59.3	59.5	59.6	59.8	59.9	60.1	60.2	60.4	34
35	60.5	60.7	60.8	61.0	61.1	61.3	61.4	61.6	61.7	61.9	35
36	62.0	62.2	62.3	62.5	62.6	62.8	62.9	63.1	63.2	63.4	36
37	63.5	63.7	63.8	64.0	64.1	64.3	64.4	64.6	64.7	64.9	37
38	65.0	65.2	65.3	65.5	65.6	65.8	65.9	66.1	66.2	66.4	38
39	66.5	66.7	66.8	67.0	67.1	67.3	67.4	67.6	67.7	67.9	39
40	68.0	68.2	68.3	68.5	68.6	68.8	68.9	69.1	69.2	69.4	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 41.9. For same slopes but other widths of roadbed correct above figures by one-half difference in width of roadbed; thus in example above for 20 ft. roadbed distance will be 41.9 + (20—16) ÷ 2 or 2 ft. added to 41.9 = 43.9. For slopes of 1 on 1 see inside of front cover.