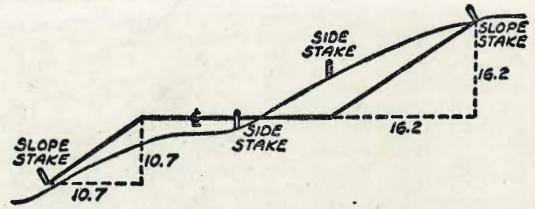
G-293

TRANSIT BOOK



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.

MICROFILMED
APR 15 1965

	0
0	0.
1	1.
2	2.
3	3.
4	4.
5	5.
6	6.
7	7.
8	8.
9	9.
10	10.
11	11.
12	12.
13	13.
14	14.
15	15.
16	16.
17	17.
18	18.
19	19.
20	20.
21	21.
22	22.
23	23.
24	24.
25	25.
26	26.
27	27.
28	28.
29	29.
30	30.
31	31.
32	32.
33	33.
34	34.
35	35.
36	36.
37	37.
38	38.
39	39.
40	40.
41	41.
42	42.
43	43.
44	44.
45	45.
46	46.
47	47.
48	48.
49	49.
50	50.

Distance
ground is ne
column and
side stake to
side stake a
cut or fill an
If it does no

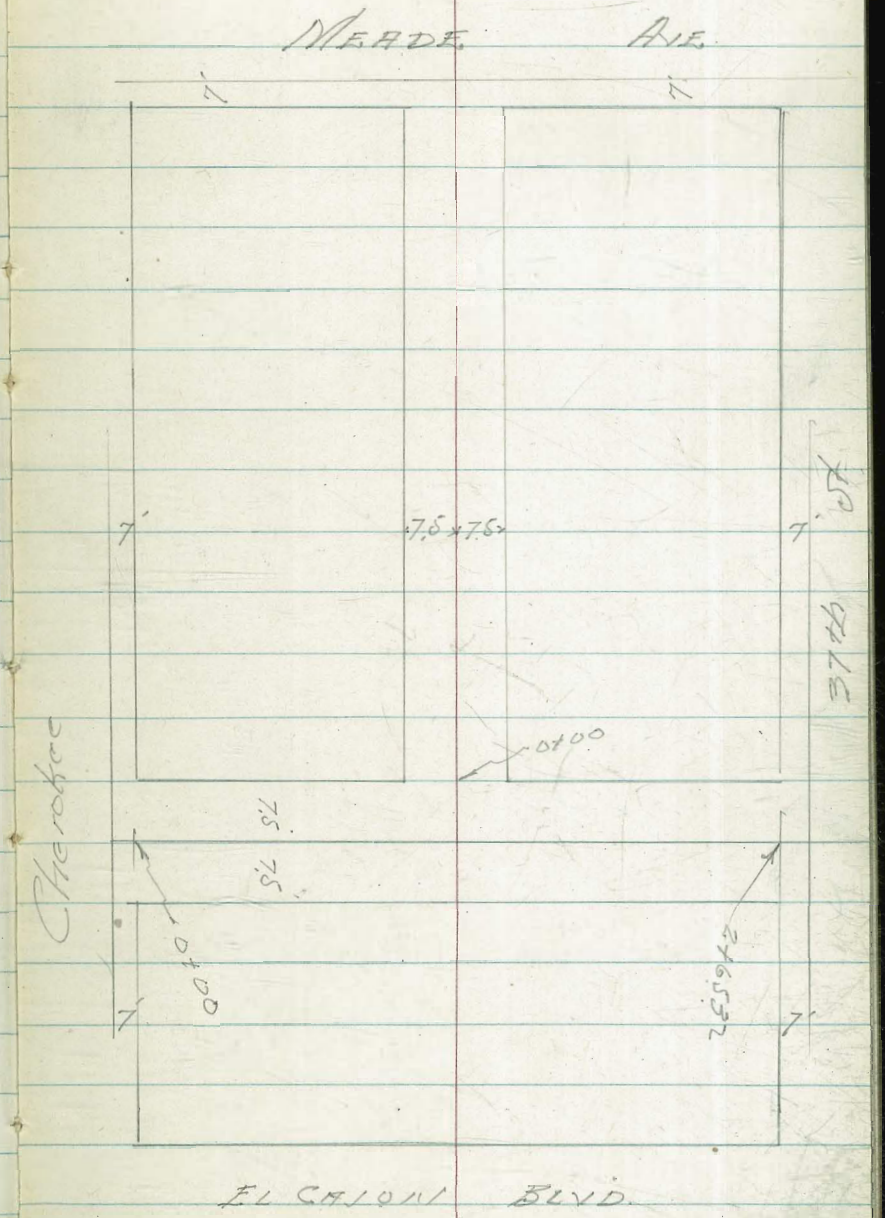
IMPROVED TABLES AND INFORMATION

INDEX.

GRADES FOR PAVING ALLEY BLK. 44
IN W.R. HERBERTS SUB.

Walker
Pope
Huffman
Presley
9-25-32

WO 31980.



Grades North & South Alley Blk. 144
Sketch P- 2

℄ Station			Left	℄	Right	
1+60			380.94 82.16 5.67' Lt C 1.22		380.91 81.28 C 0.37	2' Back
1+25			380.58 380.58 2' Lt 0.00		380.54 80.80 C 0.26	3' Rt.
0+90			380.22 80.64 2' Lt. C 0.42		380.18 81.56 C 1.38	0.62' Rt.
0+60			379.91 80.26 2' Lt. C 0.35		379.87 79.93 C 0.06	3' Rt.
0+30			379.60 79.41 1' Lt F 0.19		379.56 379.60 C 0.04	3' Rt.
0+01.					379.26 379.62 C 0.36	
0+00			379.29 80.52 1.32' Lt. C 1.23			
T.P.		379.23				

B.M. on H.b. ℄ E & W Alley & N & S Alley
Blk. 44

North And South Alley Blk 44

℄ Stations				Left	℄	Right	
Cont. P-5							
3+70.56 = P.V.C.				383.10		383.10	
				83.79		83.64	
			2' Lt.	C 0.69		C 0.54	3' Rt.
3+35				382.74		382.73	
				83.26		82.55	
			2' Lt.	C 0.52		F 0.18	3' Rt.
3+00				382.38		382.37	
				85.74		82.58	
			1' Back	C 3.36		C 0.21	4' Rt.
2+70						382.05 = 2+70	
						82.31	
2+65				382.02		C 0.26	3' Rt.
Lt of 2+48				82.73			
T.P. Nail in Pole #4367		383.56	2' Lt	C 0.71			
2+30				381.66		381.64	
				82.94		81.97	
			0.25' Lt	C 1.28		C 0.33	3' Rt.
1+97						381.29 = 1+97	
						81.74	
1+95				381.30		C 0.45	2' Rt.
				82.30			
			5.67 Lt.	C 1.00			

North & South Alley Blk. 44

Stations		Left		Right	
Note: Direct Elev. Rod used.					
	384.14	BM N.W. BR. MEADE & CHEROKEE.			
S. Line Meade Ave = 4+50.56		383.70 84.14 C 0.44		383.45 84.13 C 0.68	3' Rt
4+30.56	3'H.	383.59 84.59 C 1.00		383.45 77.92 C 0.47	3' Rt.
4+10.56	5.63'H.	383.45 84.84 C 1.39		383.39 85.98 C 0.59	3' Rt "
3+90.56	3'H	383.29 84.39 C 1.10		383.27 84.66 C 1.39	0.75' Rt

EAST & WEST ALLEY BLK. 44

PAVING GRADES

Sketch P-2 W/O 31980

℄ Stations

Cont. P-7

℄ Stations	Lt	℄	Rt.	
1+25.16 = WL of NS. Alley				
	379.29		379.29	
	Left out		379.48	
			C 0.19	0.5 Rt.
1+05.32				
	379.28		379.28	
	81.37		80.70	No. 1
0.28' Lt.	C 2.09		C 1.42	4.05 Rt.
0+85.32				
	379.22		379.22	
	79.26		80.24	
2' Lt.	C 0.04		C 1.02	4.08 Rt.
0+55				
	379.12		379.12	
	72.45		379.18	
3' Lt.	C 0.33		C 0.06	3' Rt.
0+20				
	379.00		379.00	
	79.21		78.95	
2' Lt.	C 0.21		F 0.05	2' Rt.
0+00				
	378.62		378.63	
	379.09		78.83	
2' Lt.	C 0.47		C 0.20	2' Rt.

Chk ℄ on Rt. 0+00 — 378.23 OK

FB 2157 24

EAST & WEST ALLEY BLK. 44

Stations	chk. N cb.	Lt.	chk S cb.
		377.54	7740
		77.51	
		0.03	

2+65.32 = W.L. 37th

	Lt.	℄	Rt.	
3' Lt.	377.25 77.73 C 0.48		377.17 77.53 C 0.36	2' Rt.
2' Lt.	378.08 78.89 C 0.81		378.04 78.89 C 0.85	2' Rt.
2' Back	378.63 79.45 C 0.82		378.62 80.68 C 2.06	Nail 0.2' Rt.
3' Lt.	378.91 79.51 C 0.60		378.91 80.73 C 1.82	Nail 0.94 Rt.
3' Lt.	379.05 79.71 C 0.66		379.05 79.30 C 0.25	4' Rt.
3' Lt.	379.17 379.78 C 0.61		379.17 379.36 C 0.19	3' Rt.
2' Lt.	379.24 379.60 C 0.36		379.24 379.75 C 0.51	1.50 Rt.

2+45.32

2+25.32

2+05.32

1+85.32

1+65.32

1+45.32

HURLBURT ST - SEWER GRADES

From ℄ Alley BIKE Cabrillo Hts. Map — #2839 Afton Rd
To 200' East

Plan #2412-L WO 20856

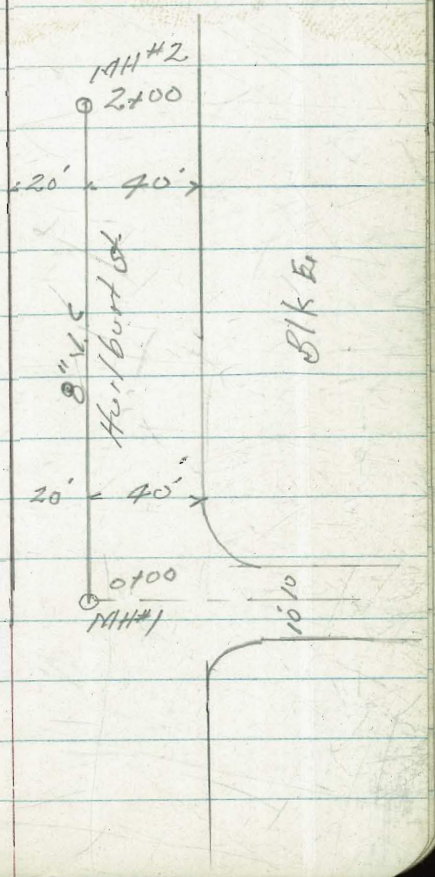
Walker
Pope
Huffman
Presley
12-3-52

Station	Elev. Stakes	Elev. Invert.	Cuts.	offsets
2+00 = ℄ MH #2	391.73	382.55	9.18	5' Rt.
1+75	391.50	382.45	9.05	"
1+50	391.33	382.35	8.98	"
1+25	391.28	382.25	9.03	"
1+00	391.46	382.15	9.31	"
0+75	391.44	382.05	9.39	"
0+50	391.47	381.95	9.52	"
0+25	391.32	381.85	9.54	"
0+00 = ℄ MH #1	391.12	381.75	9.37	"

+0.40 o/s

B.C. ℄ 15'R = Plan 391.45
Chk End curb on Rt. 391.46

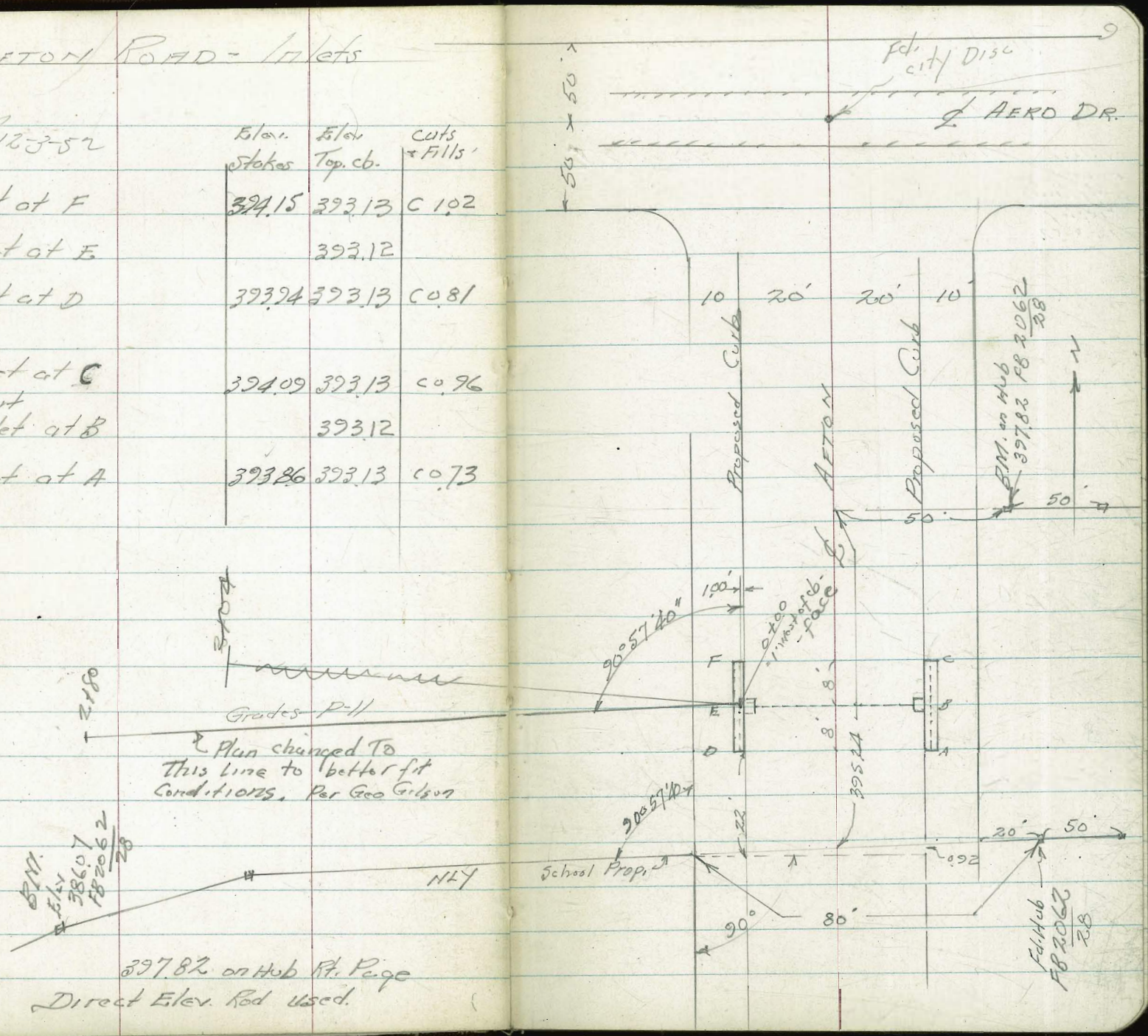
395.50



AETON ROAD - Inlets

Walker
Pope
Hoffman
Presley 12-3-52

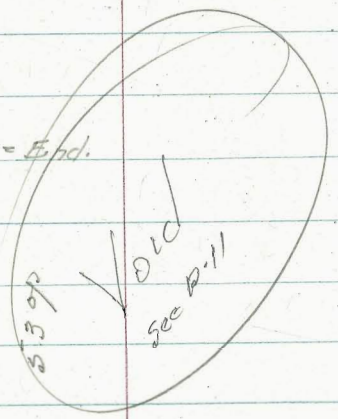
	Elev. Stakes	Elev. Top. cb.	Cuts + Fills -
cb Inlet at F	394.15	393.13	C 1.02
℄ Invert cb Inlet at E		393.12	
cb Inlet at D	393.94	393.13	C 0.81
cb Inlet at C	394.09	393.13	C 0.96
℄ Invert cb Inlet at B		393.12	
cb Inlet at A	393.86	393.13	C 0.73



B.M. 397.82 on Hub Rt. Page
Direct Elev. Rod Used.

Grades For 24" Conc. Culvert
on Afton Road And in
Lot 19 New Riverside

Walker Plan 9413-L WO 20856
Pope
Hoffmann
Presley
12-3-52



2+04.0 - End.	375.50 -.37
1+60	377.83 2.12
1+20	379.95
0+80	382.07
0+40	384.19
0+00	386.31
Invert at B - sketch P-2	386.67

GRADES - 24" Conc. Culvert
on Afton Road
and in Lot 19 - New Riverside
Location - Sketch P-9

		Elev.		
		001		
FB 2062 - 28 =		386.07		
chk B.M. school Bdry		386.06		
2+80 = End		377.45	373.70	3.75
2+40		386.73	375.50	11.23
TP	387.44			
2+00		389.04	377.30	11.74
1+60		391.19	379.10	12.09
1+20		391.34	380.90	10.44
0+80		392.25	382.70	9.55
0+40		392.76	384.50	8.26
0+00		393.14	386.31	6.83
/				
B.M. P-9	397.82			

Grades 12" Water Line Afton Road

From Aero Drive
445' Sly. To Sta. 11+65.72

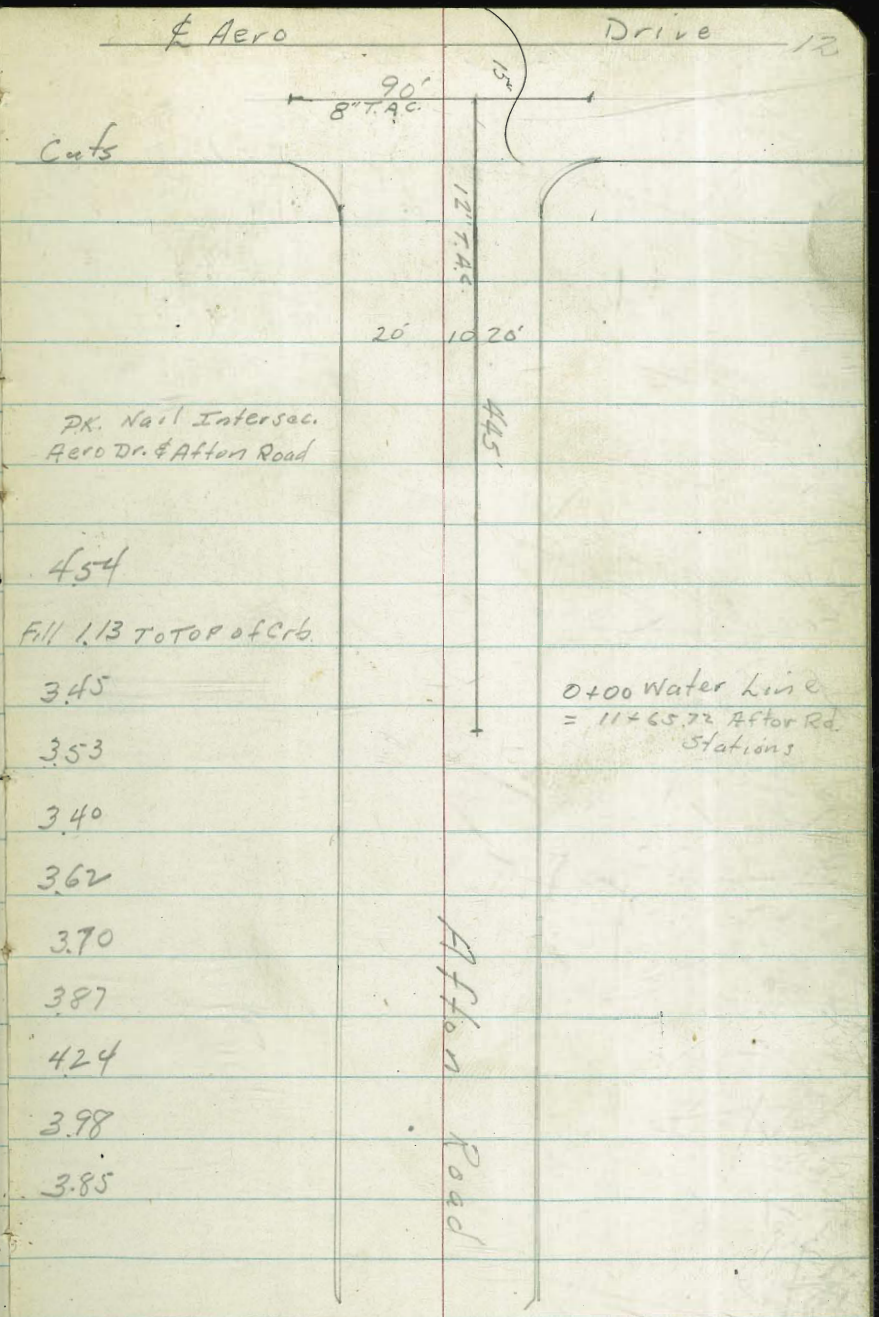
12-22-52
Pope
Huffman
Presley

W.O. 20856

		Elev. Stakes	Elev. Invert
Chk. BM.	397.47		
4+45		397.54	393.00
4+00		396.09	391.22
3+95		396.20	392.75
3+50		396.10	392.47
3+00		395.60	392.28
2+50		395.54	391.92
2+00		395.35	391.65
1+50		395.24	391.37
1+00		395.34	391.10
0+50		394.80	390.82
0+00		394.40	390.55
BM.	397.82	RP Hub. 50' Rt 11+65.72	

Direct Elev. Rod used

℄ Aero Drive 12

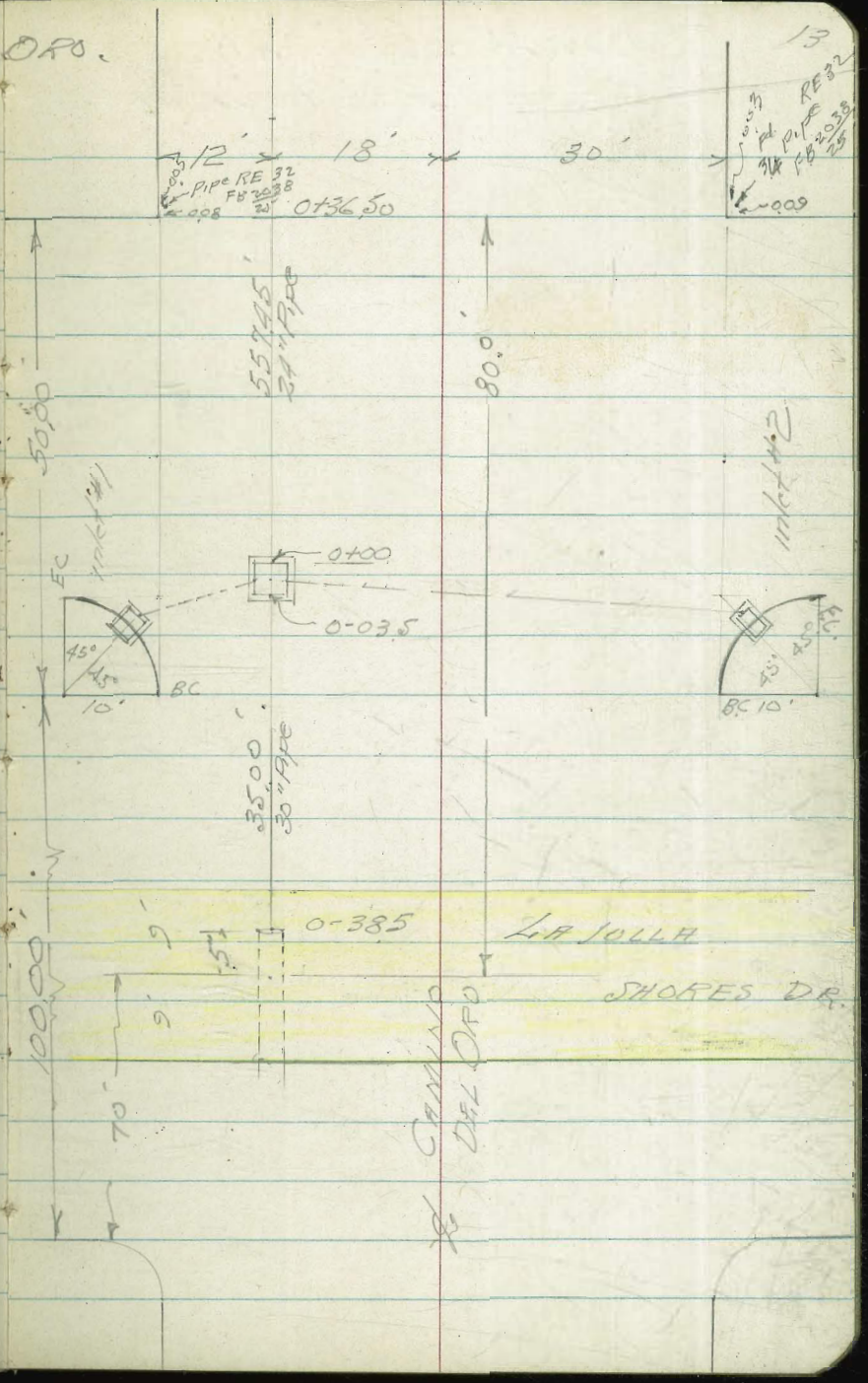


Const. Grades - Culvert - CAMINO DEL ORO.

Walker
BDG
Pullen
Whipple
8-25-53

Plan 4825-A-B
WO 20391

	offsets	Elev. Stakes	Elev. Top Curb	Cuts & Fills
inlet #2 E.C.	3' Back cb.	29.19	29.40	F 0.21
" #2 ctr. Rt.	"	29.07	29.40	F 0.33
" #2 BC	"	28.47	29.40	F 0.93
inlet #1 E.C.	"	29.05	29.03	C 0.02
inlet #1 E. Rt.	"	29.08	29.03	C 0.05
inlet #1 BC	"	29.22	29.03	C 0.19

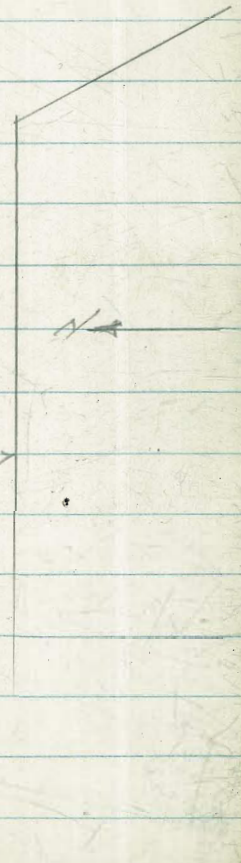


Camino Del Oro
Const. Grades - Storm Drain

Stations & Storm Drain	Elev. Stakes	Elev. Invert	Cuts	offsets
3+20	43.83	33.38	10.45	6' Lt.
3+00	42.58	31.90	10.68	"
2+80 T.P.	41.27	30.67	10.60	"
2+60	40.78	29.68	11.10	"
2+40	39.86	28.94	10.92	"
2+00	37.40	27.70	9.70	"
1+60 T.P.	35.14	26.46	8.68	"
1+20	32.95	25.22	7.73	"
0+80	31.32	23.98	7.34	"
0+40	30.22	22.74	7.48	"
0+07	29.53	21.72	7.81	"
0+00 = Beg. 24" Pipe		21.50		
0-03.5 = ℄ Cleanout Box		21.00		
0-08.5	29.32	20.73	8.59	"
0-38.5 = Beg. 30"	29.10	19.10	10.00	"
	33.09		BM on Conc. Floor, Garage 0+52 FB 2038 27	

CAMINO DEL ORO

Stations		Elev. Stakes	Elev. Invert.	Cuts	offsets
		difference = 0.09			
5+35 on Lt.	Private Engr. →	62.86			
Chk. B.M. Spike in Blk		62.95			
5+57.45		65.57	56.76	8.81	6' Lt.
5+42.45		63.60	55.80	7.80	
5+25.45 = Δ Lt. 1°16'		61.35	52.92	8.43	
T.P. 5+00		58.91	49.87	9.04	
4+67.95		55.69	46.02	9.67	
4+47.95		53.51	43.82	9.69	
4+27.95		52.11	42.02	10.09	
4+00		49.80	39.78	10.02	
3+60		46.29	36.58	9.71	



Walnut Street

Const. Grades – Storm Drain

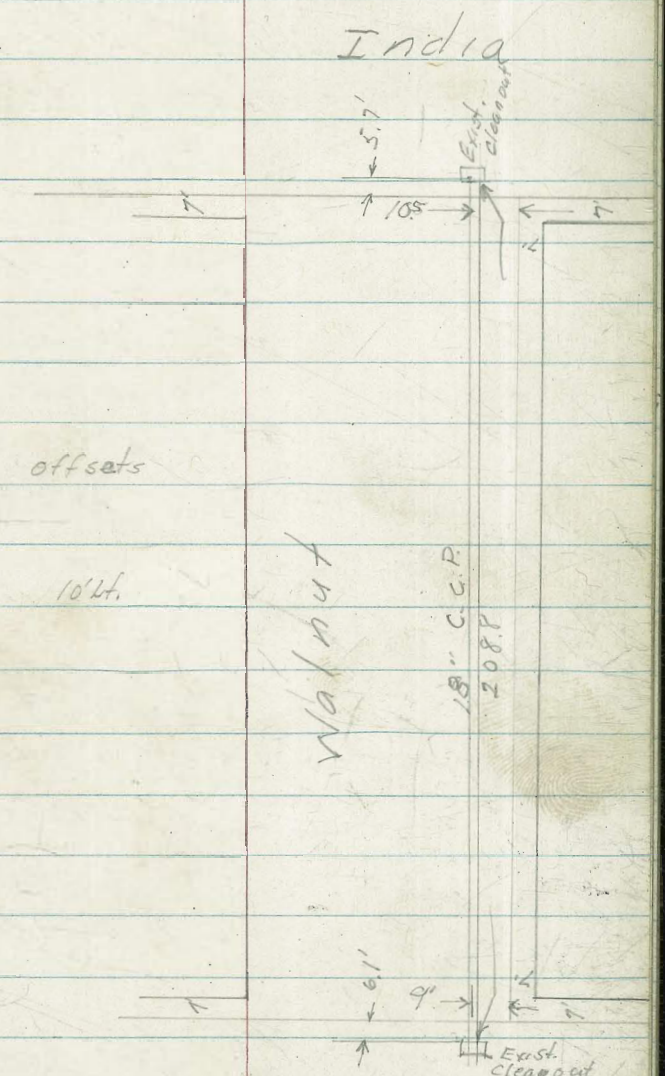
9-21-53

Plan 5050-B

W.O. 21155

Walker
Pope
Pullen
Olow

		Elev. Stakes	Elev. Invert	Cuts	offsets
2+08.8	Exist. catch Basin	70.13	63.55	6.58	10' Lt.
1+80		68.45	60.04	8.41	
1+50		63.25	56.39	6.86	
1+20		58.71	52.75	5.96	
0+90		54.14	49.11	5.03	
0+65	17.12%	50.22	46.08	4.14	
0+30		45.19	41.84	3.35	
0+00	Grade Brk.	41.52	38.20	3.32	
0-14	Exist. Cath Basin	40.68	37.90	2.78	



Const. Grades - Alley Blk. 43

Chas. Hensley's Subd.

Walker
Pope
Pullen
Olow

Plan 10520-L, No 31862

Between Imp. Bre 2nd-L-St.

9-28-53 From 26th to 27th, Paving = 19.5' wide

		Lt. 9.75'	℄	Rt. 9.75'	
1+00		66.75		66.75	
		66.68		67.75	Back
		F 0.07		C 1.00	1.09
0+75		66.70		66.70	
		67.03		66.75	
	2' Back	C 0.33		C 0.05	2' Back
0+50		66.65		66.65	
	2' Back	67.50		66.82	
		C 0.85		C 0.17	2' Back
0+25		66.60		66.60	
		67.70		66.97	
	2' Back	C 1.10		C 0.37	3' Back
0+00		66.55	66.25	66.55	
		67.41		67.06	
		C 0.86		C 0.51	
0-10 = E. ch. line 26th		66.51	66.32	66.13	
		Grade	Grade	Grade	

B.M. = N.W.B.P. Imp. Dia. 26th 63.92

Direct Elev. Rod used.

Alley Blk 43

			Lt. 9.75 Lt.		Rt. 9.75	
2+75						
T.P. Rim M.H.		66.79	67.10		67.10	
			67.80		67.10	Back
	0.64 Back		C 0.70		0.00	1.04
2+50						
			67.05		67.05	
			C 1.24		68.05	Back
	0.78 Back		C 0.94		C 1.00	0.65
2+25						
			67.00		67.00	
			67.42		68.00	Back
	0.46 Back		C 0.42		C 1.00	0.20
2+00						
			66.95		66.95	
			66.40		67.95	
	2' Back		F 0.55 ✓		C 1.00	Back 0.19
1+75						
			66.90		66.90	
			66.22		67.90	Back
	2' Back		F 0.68 ✓		C 1.00	0.16
1+50						
			66.85		66.85	
			66.24		67.85	Back
	2' Back		F 0.61 ✓		C 1.00	0.13
T.P.		66.42				
1+25						
			66.80		66.80	
			66.31		67.80	Back
	2' Back		F 0.49 ✓		C 1.00	0.13

Alley Blk 43

			Lt 9.75	℄	Rt 9.75	
4+25			67.53		67.53	
			67.73		67.71	Back
		2' Back	C 0.20		C 0.24	0.53
4+00			67.43		67.43	
TP.		68.30	68.24		66.73	
		2' Back	C 0.81		F 0.70	2' Back
3+80			67.35		67.35	
3+70 = ℄ Sewer Lot #1 on Rt.		62.30 = Invert	68.73		67.14	
		67.00	C 1.38		F 0.21	2' Back
		C 4.70				
		5' F.				
3+60			67.28		67.28	
			68.70		66.93	
		1.86 Back	C 1.42		F 0.35	2' Back
3+40			67.23		67.23	
			68.52		66.41	
		0.02' Back	C 1.29		F 0.82	2' Back
3+20			67.19		67.19	
			66.89		65.91	
		2' Back	F 0.30		F 1.28	2' Back
3+00			67.15		67.15	
			67.00		66.13	
		2' Back	F 0.15		F 1.02	2' Back

Alley Blk. 43

			Lt. 9.75'		Rt. 9.75'	
5+60			68.69		68.57	
			68.81		68.63	
	1' Back		C 0.12		C 0.06	1' Back
5+40			68.14		68.11	
			68.27		68.46	Back
	2' Back		C 0.13		C 0.35	0.42
5+20			67.91		67.91	
			67.76		67.60	
TP	2' Back	67.77	F 0.15		F 0.31	2' Back
5+00			67.83		67.83	
			68.15		68.85	
	0.63 Back		C 0.32		C 1.02	1m Alley 0.07
4+75			67.73		67.73	
			67.96		68.36	Back
	0.50' Back		C 0.23		C 0.63	0.46
4+50			67.63		67.63	
			68.71		68.00	Back
	0.72 Back		C 1.08		C 0.37	0.47

Alley Blk. 43

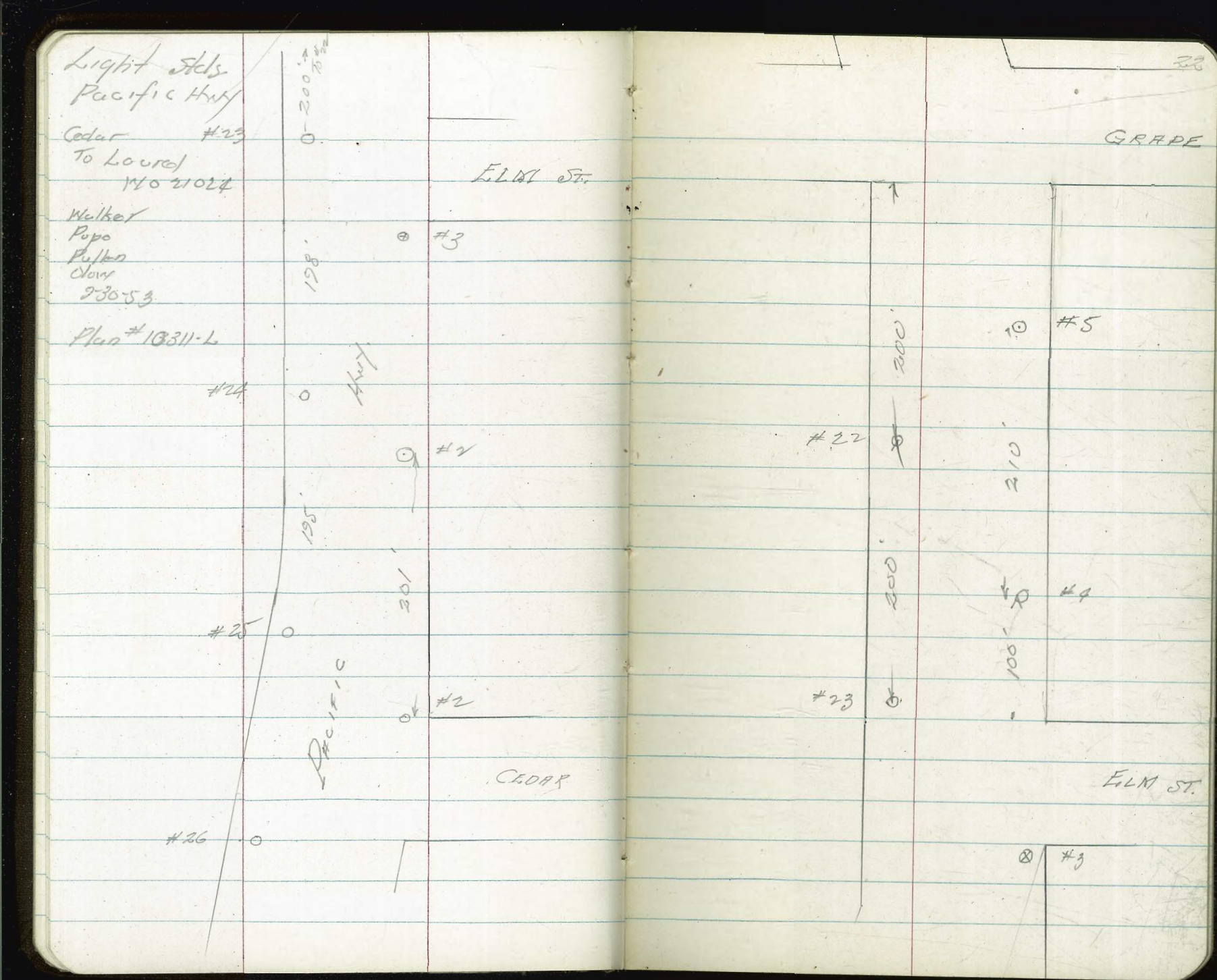
		9.75' Lt.	℄	9.75' Rt.
6+00		70.55		70.18 = Exist.
		70.50		70.18
	2' Back	F 0.05		0.00 2' Back
5+80		69.54		69.27
		69.00		69.83 Back
	1' Back	F 0.54		C 0.56 2.15

Light Stds
Pacific Hwy

Cedar #23
To Laurel
W.O. 21024

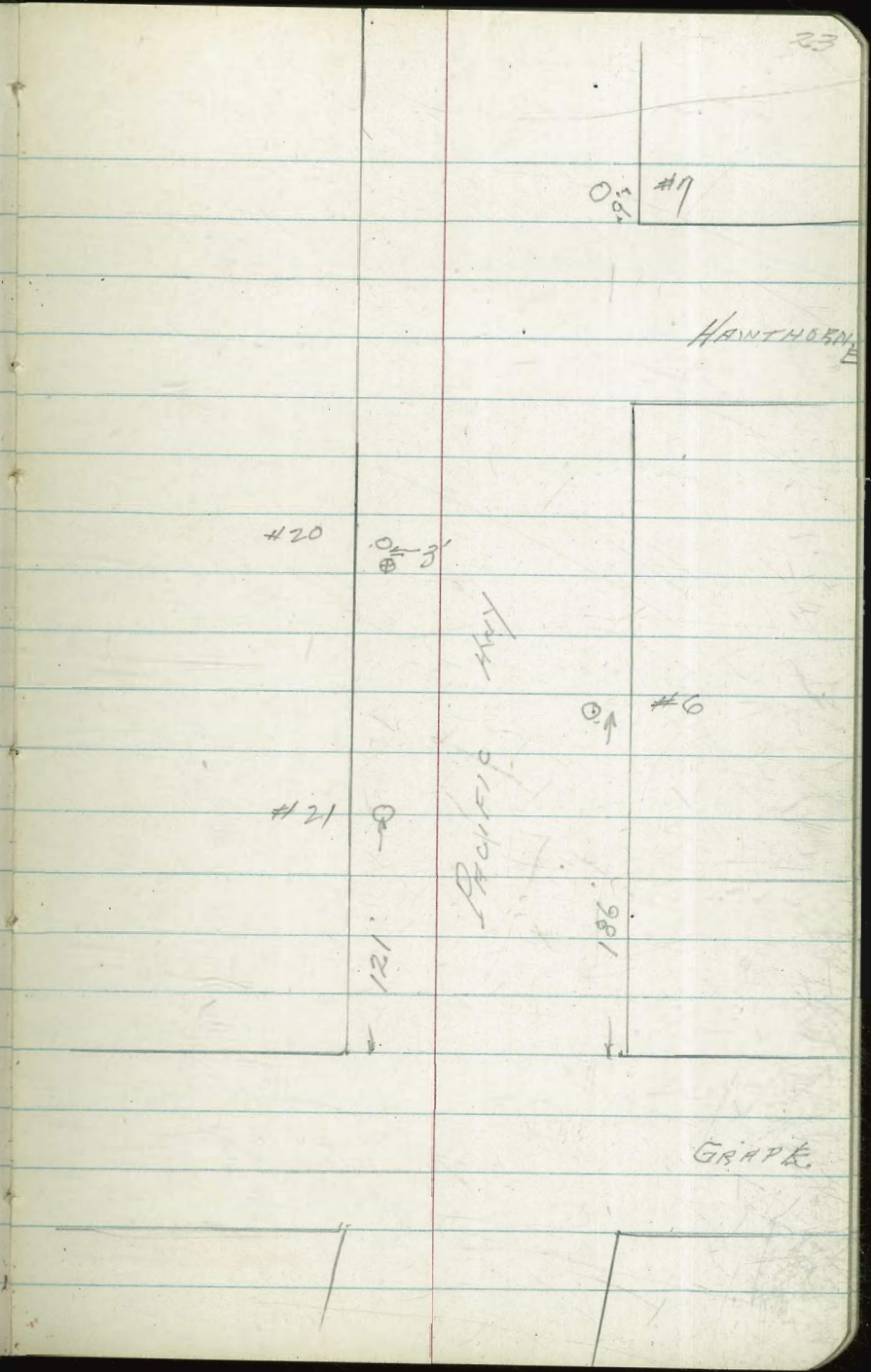
Walker
Pope
Pullen
Olson
9-30-53

Plan #10311-L



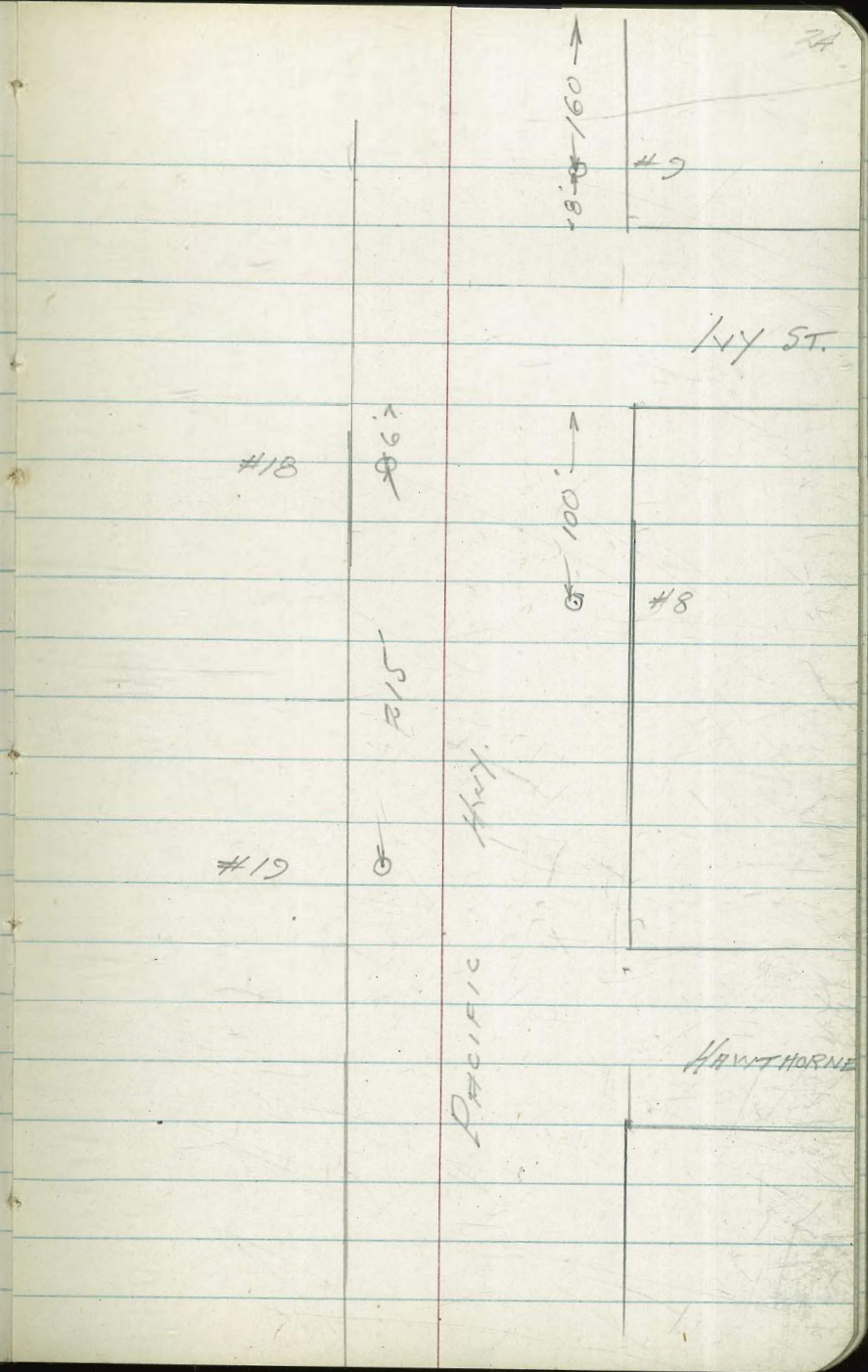
Reconstruction - Safety Lighting System

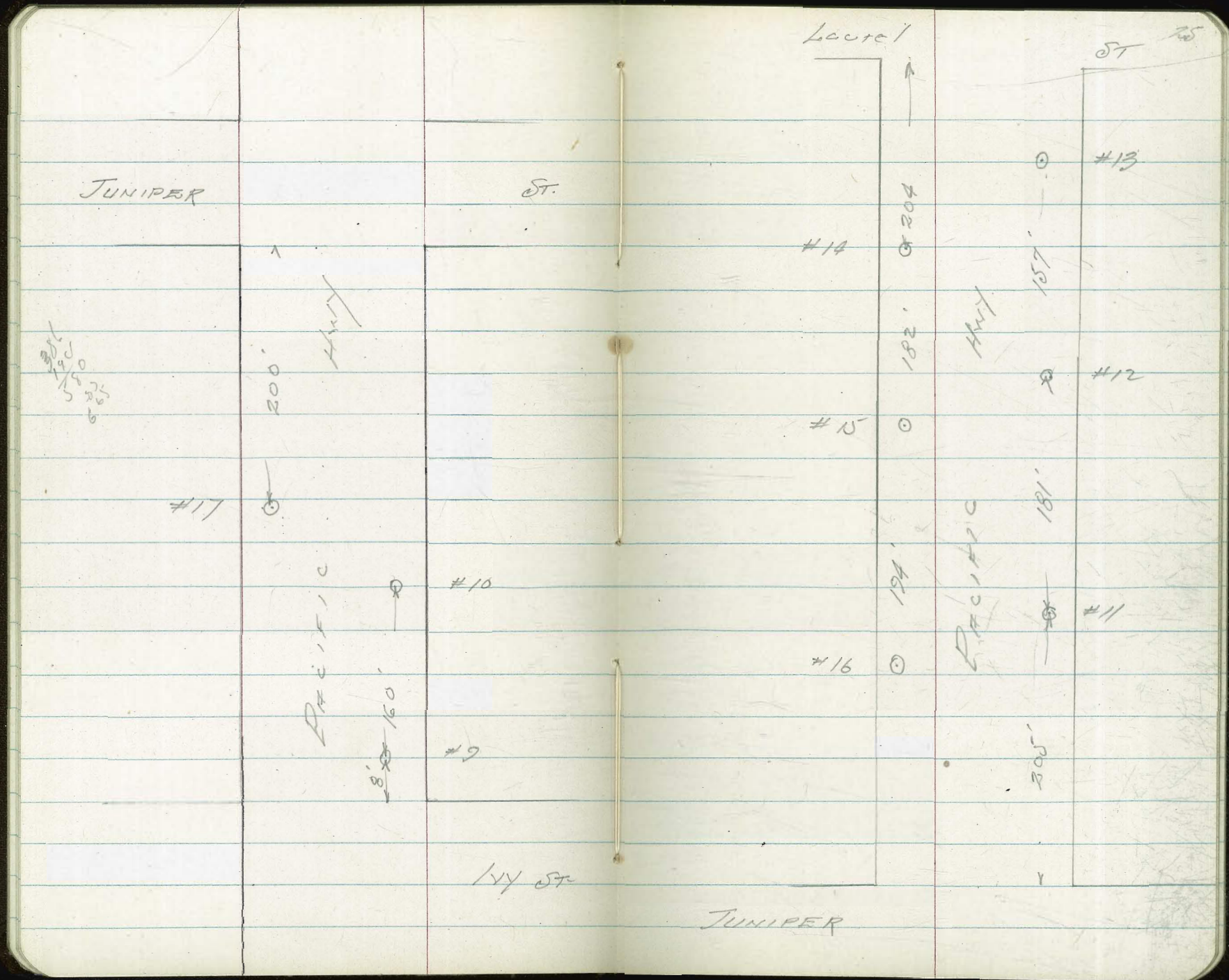
PACIFIC HWY



Re Construction
Safety Lighting System

PACIFIC Hwy




Laurel
JUNIPER
ST.
#17
#10
#9
#14
#15
#16
#13
#12
#11
204'
182'
194'
157'
181'
200'
160'
IVY ST.
JUNIPER
ST

SEWER CONST. – FLINTRIDGE ST.

FROM POTOMAC ST.

TO Plug End: 170' North

Walker Pipe Fuller O/ow 10-2-53

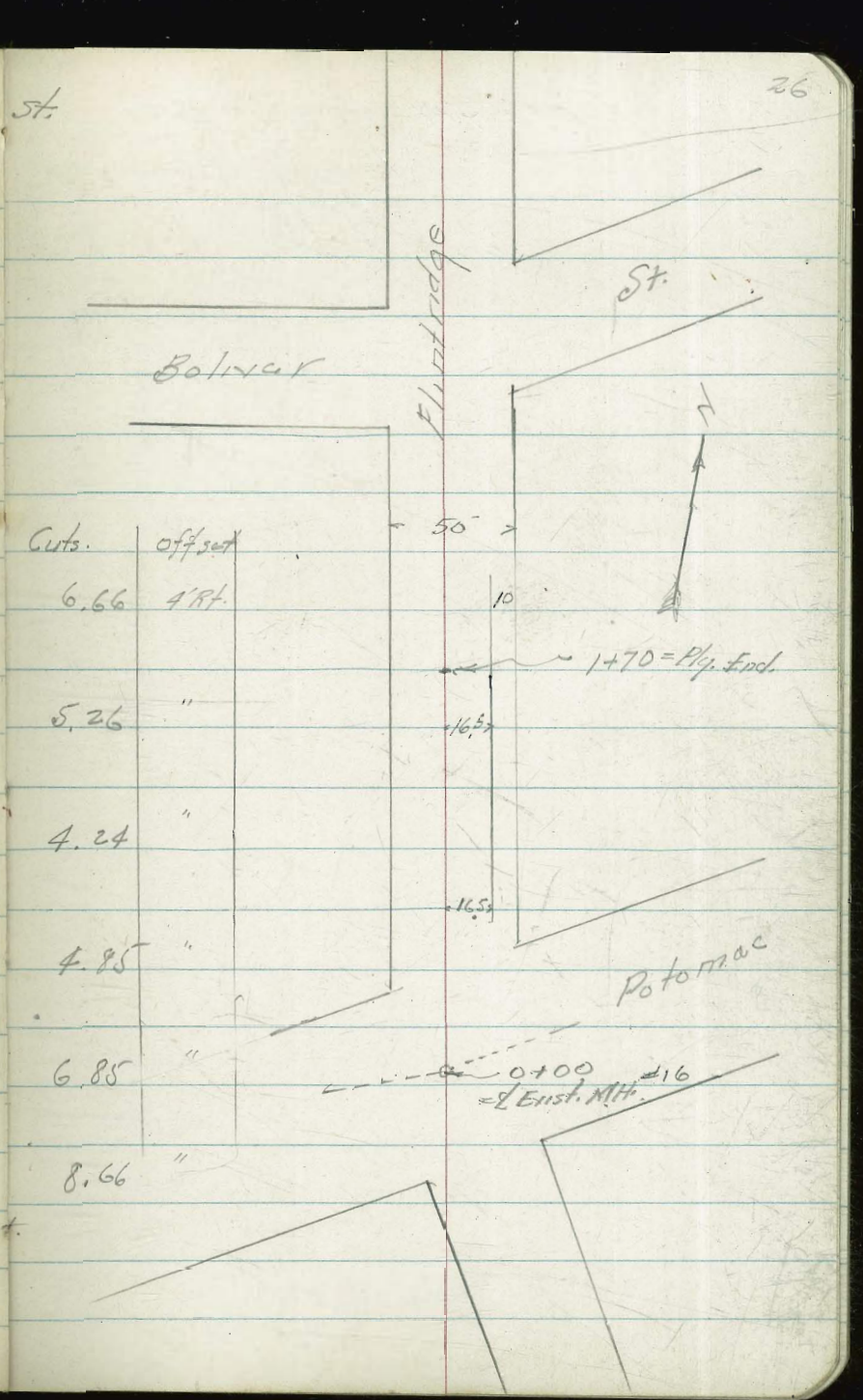
PLAN 5017-B W.O. 21143

	Elev. offsets	Elev. Invert
1+70 = Plg. End	180.56	173.90
1+35	177.41	172.15
1+00.	174.64	170.40
0+65	173.50	168.65
0+30	173.75	166.90
0+00 = ℄ Exist. MH	174.06	165.40 ~~165.15~~ 165.19 = Exist.

BM

SW BP Potomac & Flintridge 174.10

Cuts.	offset
6.66	4' Rt.
5.26	"
4.24	"
4.85	"
6.85	"
8.66	"

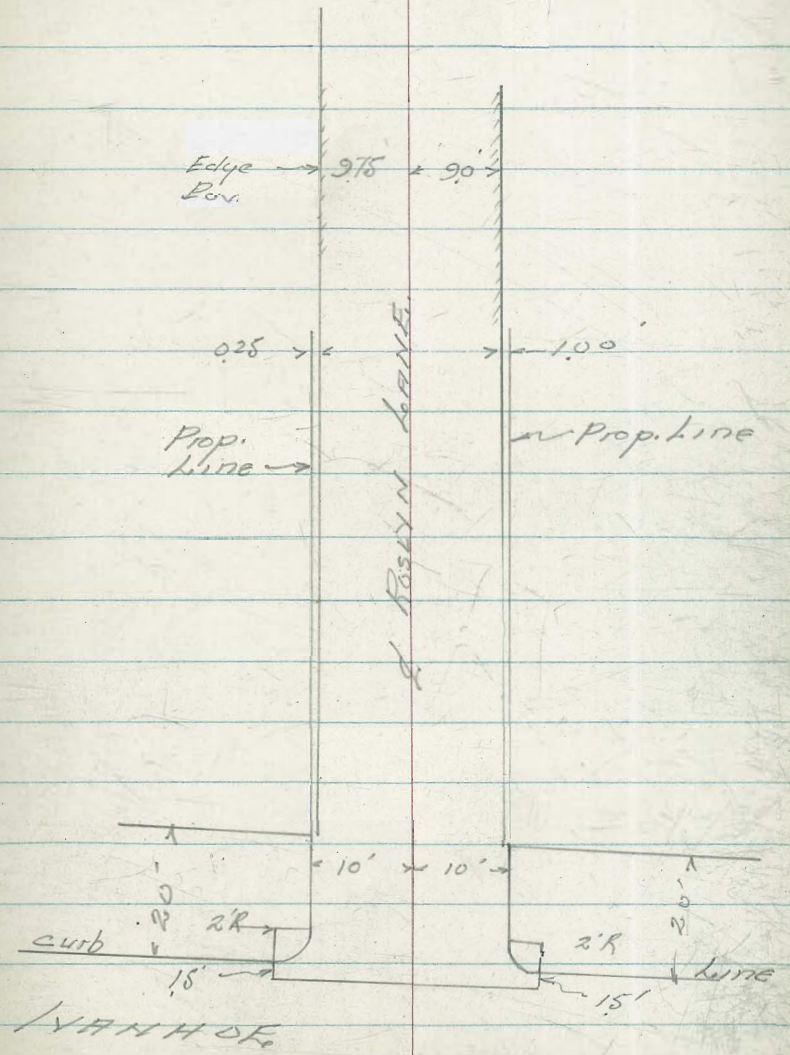


ROSLYN LANE

Const. Grades - PAVING

Walker
Pope
Pullen
D/ow
11-9-53

Plan 10750-L WO 31850



ROSLYN LANE

			Lt	℄	Rt.
1+00			1.63 Back Nail 109.39 110.56 C 1.17		109.61 2' Back 109.78 C 0.17
0+80			2' Back 109.29 110.26 C 0.97		109.50 2' Back 109.81 C 0.31
T.P.		109.42			
0+60 = Brk			2' Back 109.20 109.19 F 0.01		109.40 2' Back 109.73 C 0.33
0+30 = Brk			2' Back 108.60 109.06 C 0.46		108.80 Rt 1.54 Nail 110.46 C 1.66
0+00 = NELY Line Ivanhoe			Cb 107.05 108.32 C 1.27 = Cb 106.91 108.32 C 1.41 Gut.	106.61	107.11 108.86 C 1.75 Pav. Cb 107.25 108.86 C 1.61 = Cb.
0-20.01			106.01	106.06	106.17
		106.60	B.M. Top Cb 10' Rt 0-20 FB 2265/21		

ROSLYN LANE

			Lt.	℄	Rt
2+75			0.50' Back cross in wall	110.24 110.96 C 0.72	2' Back cross	110.52 110.75 C 0.23
2+50			0.88' Back Nail	110.12 110.49 C 0.37	3' Back Stub	110.39 110.48 C 0.09
2+25				110.00 109.89 F 0.11	2' Back cross in walk	110.26 110.33 C 0.07
2+00			2' Back	109.88 110.23 C 0.35	0.92' Back	110.13 111.02 C 0.89
1+75			3.25 Back	109.75 109.49 F 0.26	0.94 Back Nail	110.00 110.46 C 0.46
TP		109.64				
1+50			3.25 Back	109.63 109.52 F 0.11	0.9' Back = Nail	109.87 110.86 C 0.99
1+25			2' Back Chisled Cross	109.51 109.56 C 0.05	4' Back	109.74 110.~~07~~ C 0.30

ROSLYN LANE

		Lt	℄	Rt.	30
2+25		2' Back 110.96 111.05 C 0.09		0.7' Back 111.30 cross 111.62 conc. stop C 0.32	
4+00		2' Back 110.84 cross 110.99 C 0.15		1.02' Back 111.17 cross 111.65 wall C 0.48	
T.P.	110.82				
3+75		2' Back 110.72 110.90 C 0.18		1.15' Back 111.04 Nail 112.09 C 1.05	
3+50		2' Back 110.60 cross 110.62 C 0.02		0.97' Back 110.91 Nail 111.85 C 0.94	
3+25		2' Back 110.48 stub 110.31 F 0.17		0.99' Back 110.78 Nail 111.13 C 0.35	
3+00		2' Back 110.36 cross 110.53 C 0.17		2' Back 110.65 stub 110.70 C 0.05	

ROSLYN LANE

Lt. 2 RT 31

Paving - Const. Grades

		0.01		
FB 2265-21		113.11		
Chk BM NW BP Prospect & Cove		113.10		
T.P.		111.48		
4+94.6				111.66 112.66 C 1.00
4+84.7			111.24 111.21 F 0.03	
4+75			2' Back Stub 111.20 111.95 C 0.75	0.60 Back 111.56 Cross on Wall 112.30 C 0.74
4+50.			2' Back on Cross 111.09 111.25 C 0.16	0.72 Back 111.43 Cross on Wall 112.08 C 0.65

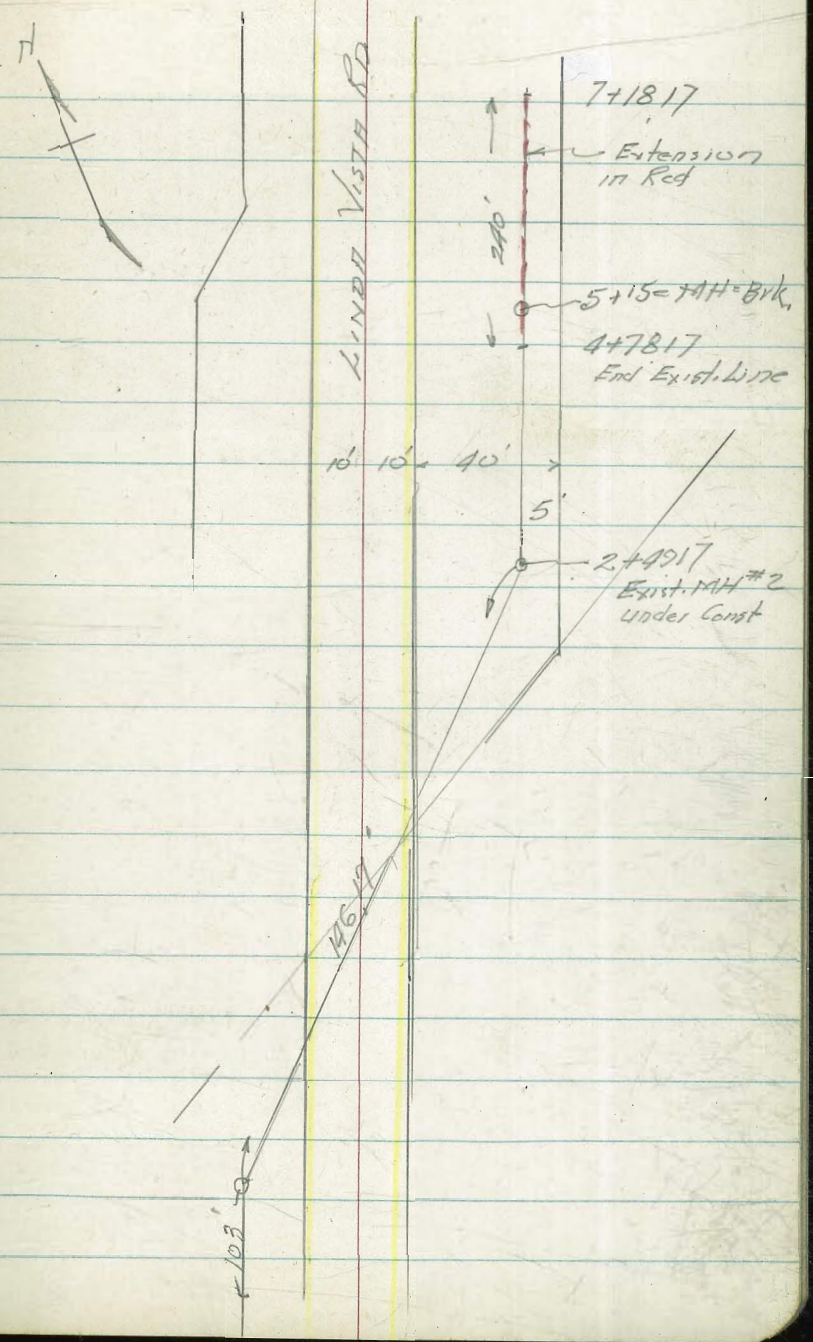
Const. Grades - SEWER Extension in LINDA VISTA RD. North of BALTIC ST.

Walker Cuts etc. Copied from FB 2276/6

Pope
Pullen
0/1014
11-4-53

INDEXED
JER
NOV 17 1953

℄ station	Ground Elev. ℄	Elev. 6' offset Hub on Stakes	Elev. Invert	Cuts
End 7+18.17	442.4	441.89	432.04	C 9.85
6+90	442.7	442.97	431.89	C 10.58
6+55	441.4	441.05	431.72	C 9.33
6+20	440.9	440.40	431.54	C 8.86
5+85	439.5	438.25	431.37	C 7.58
5+50	438.2	437.50	431.19	C 6.31
5+15 = MH	438.0	436.77	431.02	C 5.75
4+7817			428.52	
		Invert	428.52 / 6.67	cut Mark
BM on 6' offset stake 4+7817		→	435.19	



SEWER CONST. ~ SANTA FE ST.
FROM Balboa AVE

Walker
Pope & Hitman Plan 10602-L - WO 62318
Diary
12-22-53

		Elev. stakes	Elev. Invert	Cuts	offsets
0 + 36.4 Bk					
0 + 33.4 "					
0 + 30.4 "					
0 + 27.4 "					
0 + 24.4 "					
0 + 21.4 "					
0 + 18.4 = Bk	10.96	47.19	38.20	8.99	6 Rt
0 + 15.4 "					
0 + 12.4 "					
0 + 09.4 "					
0 + 06.4 "					
0 + 03.4 "					
0 + 00.40 = Bk					
0 - 2.6 = ℄ MH #1	11.50	46.65	30.50	16.15	6 Rt
11.30	58.15	46.85			

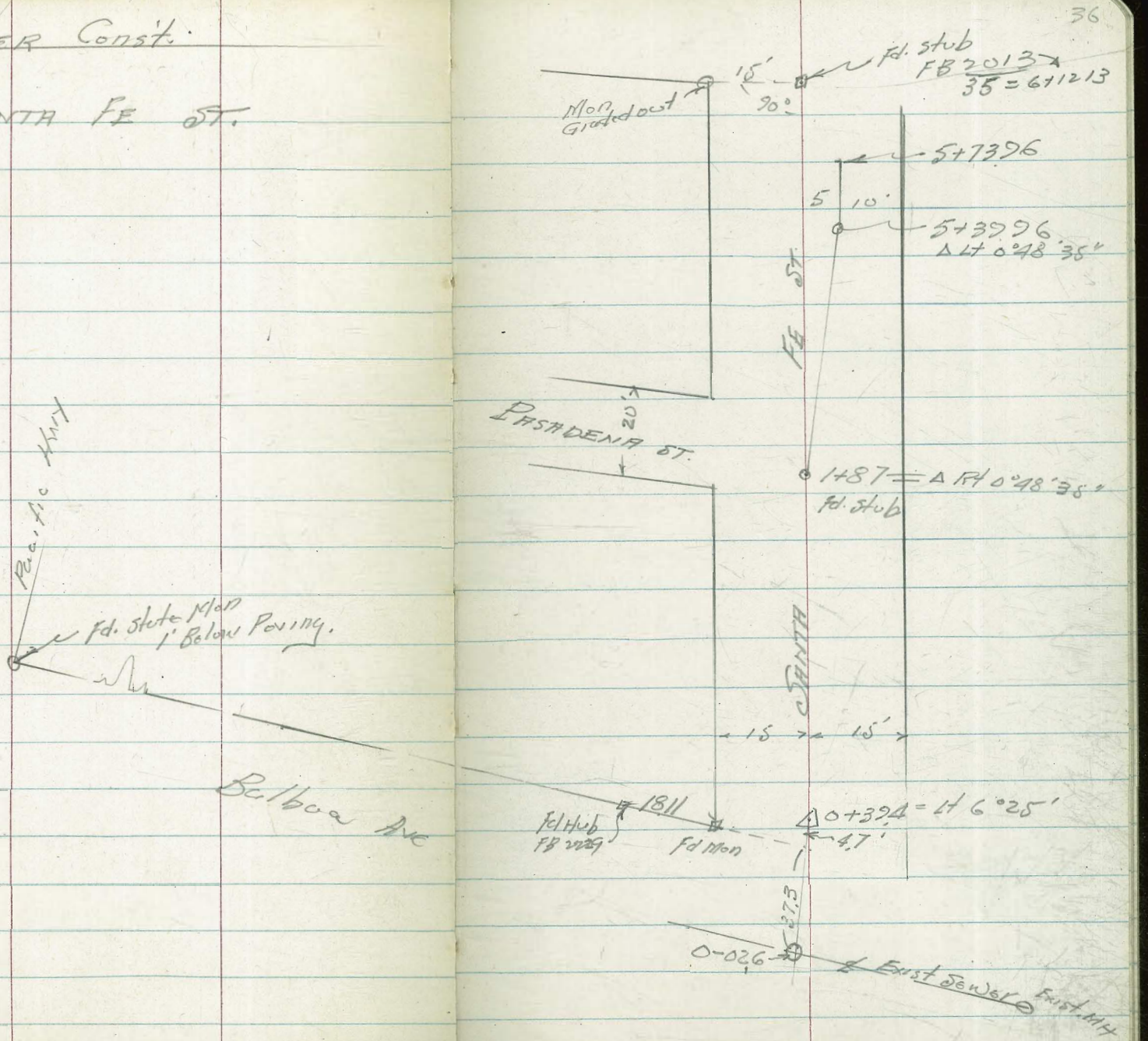
Balboa ~ Santa Fe St.
B.M. Chisled Cross Rim Tel MH.
F.B. 3013-24 Also Plan #10602-L

		Elev. Stakes	Elev. Invert	Cuts.	offsets
4+60	6.57	64.76	55.15	2.61	6' Rt.
4+20	8.04	62.29	53.23	10.06	"
3+80	2.17	62.16	51.31	10.85	"
3+40	10.31	61.02	49.39	11.63	"
3+00	12.15	59.18	47.47	11.71	"
T.P. 13.31	71.33	0.13	58.02		"
2+60	1.98	56.17	45.55	10.62	"
2+20	5.23	52.92	43.63	2.29	"
1+87=MH#2 Δ Rt 0°48'35"	7.22	50.93	42.05	8.88	"
1+43.5	8.24	49.21	41.74	7.47	"
1+00	9.84	48.31	41.43	6.88	"
0+70	10.07	48.08	41.22	6.86	"
0+39.4	9.81	48.34	41.00	7.34	Stake Rt Δ Forward 6' Rt.
0+32.4=Δ Lt 6°25' E.V.C.	9.79	48.36	41.00	7.36	Stake Rt Δ Back Tan. 6' Rt
	5815				

Fd. old stub			0.05			
↳ 6+12.13 FB 2113-40			69.93			
chk ℄ stub Top Buttered		1.45	69.88			
			Elev. Stakes	Elev. Invert	Cuts.	offsets
5+73.96		0.85	70.48	59.13	11.35	6' Rt.
Brk.	Δ 40°48'35"					
5+39.96 = ℄ MH # 3		2.05	69.28	58.99	10.29	"
5+00		4.49	66.84	57.07	9.77	"
	71.33					

SEWER Const.

SANTA FE ST.

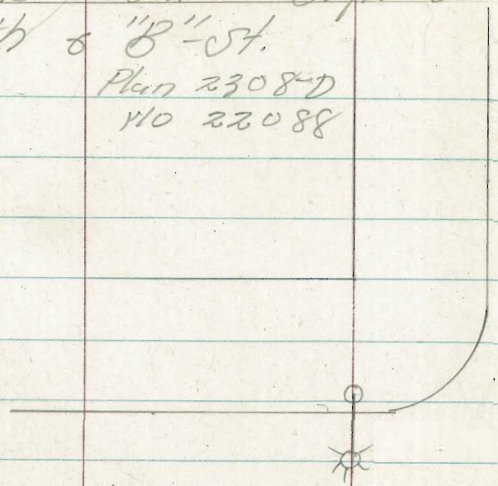


Stake - Curb Ret. & Signals

9th & "B"-St.

Walker
Pope
Olow
8-10-54

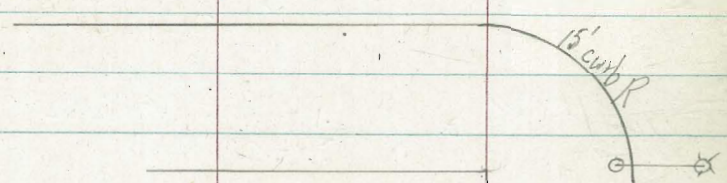
Plan 2308-D
WO 22088



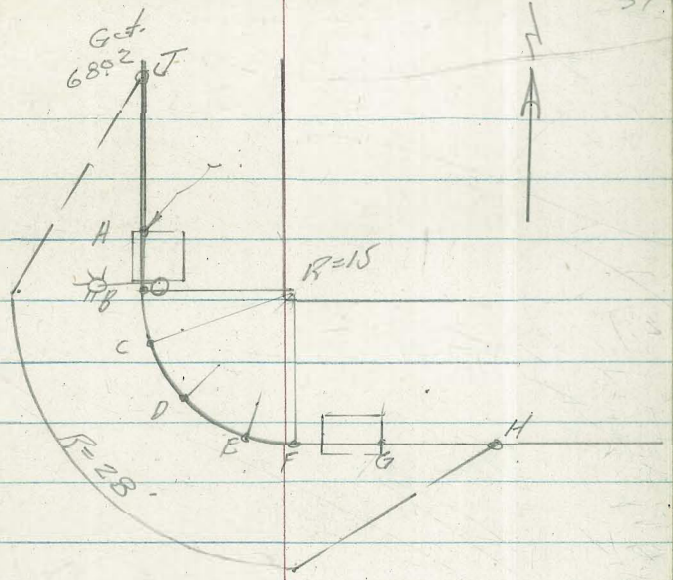
NE Return curb Elev.

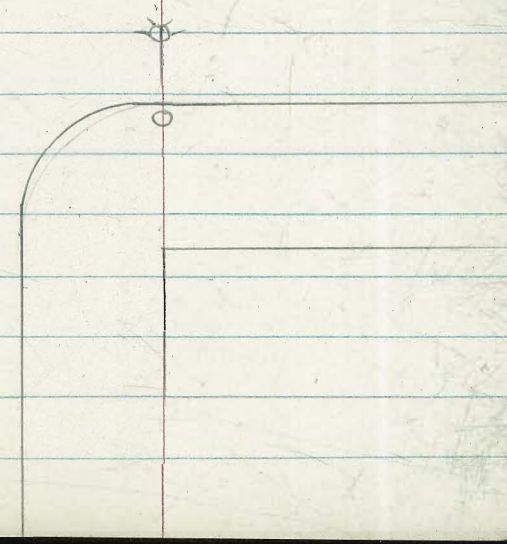
J	A	B	C	D	E	F	G	H
68.47	68.00	67.83	67.75	67.74	67.80	67.93	68.09	68.35
	67.75	67.96	67.94	67.99	68.01	67.97 = cb		
	3' Back in Drive	C0.13	3' Bk	C0.25	C0.21	68.93 = 1.2' Back		
	F0.26		C0.19			C1.00 = Nail in Pole		

"B" St



SW B.D
B.M. 72.44 10th & "B"-St





NAUTILUS AND W. MUIRLANDS DR.

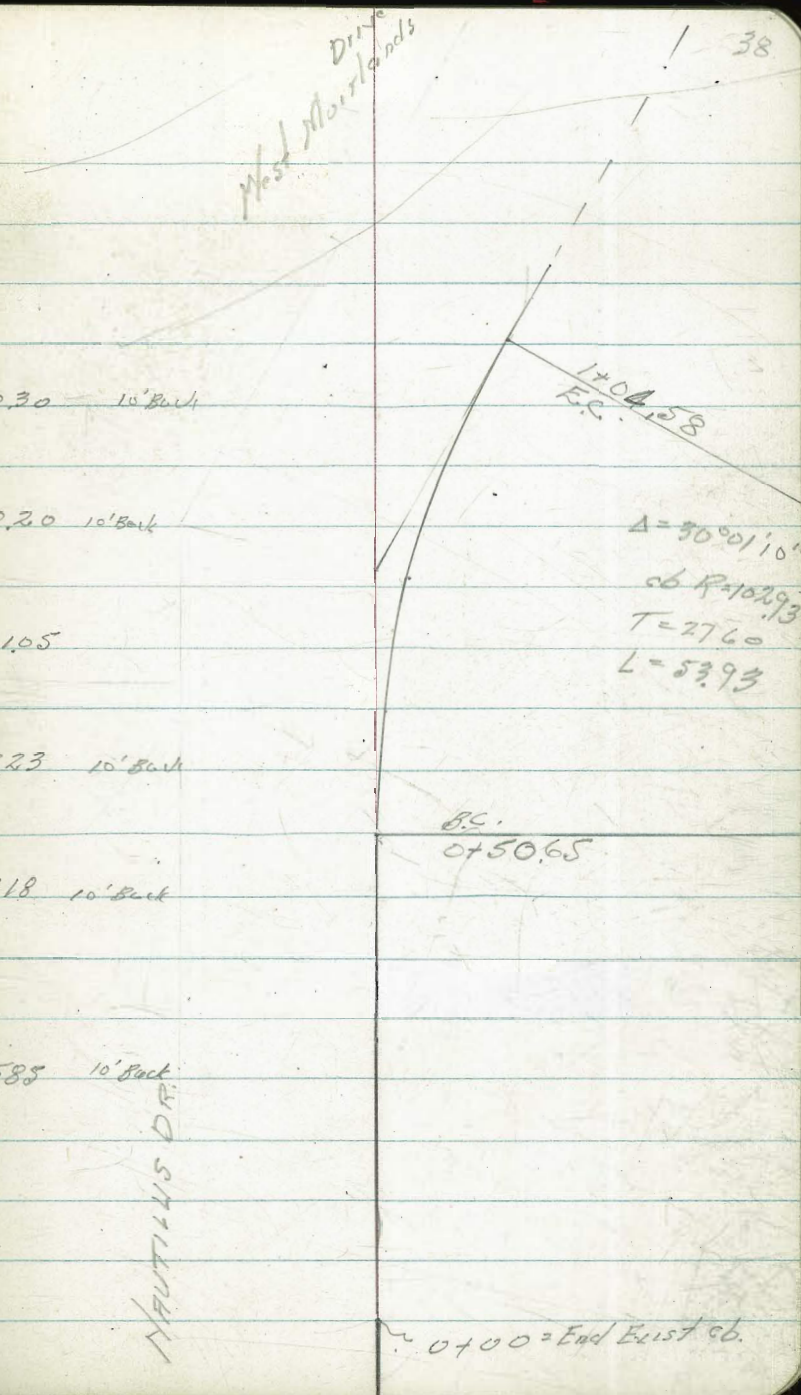
CURB GRADES

Walker
Pope
Oltman
Olovy
10-7-54

Plan 11008-L WO 23799

		El. Stakes	El. Curb		
1 + 04.58 = E.C.	15°00'32"	328.70	329.00	F 0.30	10' Back
0 + 91.09	11°15'24"	328.12	327.90	C 0.20	10' Back
0 + 77.61	7°30'16"	327.57	326.52	C 1.05	
0 + 64.13	3°45'08"	327.35	325.12	C 2.23	10' Back
0 + 50.65 = B.C.		327.78	323.60	C 4.18	10' Back
0 + 25.32		328.00	321.15	C 5.85	10' Back
T.P.	327.29				
0 + 00			318.84		

B.M. Top Cb 1+95.75 = E.C. Ret. = 31008
Plan 11008-L



LEVELS on Exist. Improvements
Nautilus & Muirlands
Purpose = To determine
profile Proposed Curb Grade
as shown P-38

cb
Line
= Base

Cont. P&O			
0+91.09		326.62 .35 Conc. Pav.	326.91 1.75 Conc. Pav. 327.26 to
0+77.61			325.57 4
0+64.13			324.25 3
0+50.65			322.91 3
0+25.32			320.25 3
~~0+50.65 - BC~~ ~~+25.32~~			
0+00	318.84		318.84
0-52.65	314.27		314.27
	310.08		

Levels on Improvements

Cont. from P-39

1+60

1+45.4

1+18 = Int Ely Side Drive

1+08 = Int Drive

1+04.58

TP 328.60

331.66

331.92 (26 Pav.) 331.73 (20 Pav) 331.61 (16 Edge) → 331.26 Rate

330.86 (30) 330.70 (20 Edge Pav) → 330.38 Rate

328.55 (34 Pav) 328.56 (24 Pav) 328.68 (20 Pav) 329.05 Pav.

328.00 (20) 328.70 Pav 329.22 (0 Top C6)

327.72 (35) 327.53 (25 Blk Conc.) 327.82 (20 Conc) → 329.02 Rate

LAJOLLA SCENIC DRIVE.

TENATIVE CURB GRADES

Purpose of Inspection

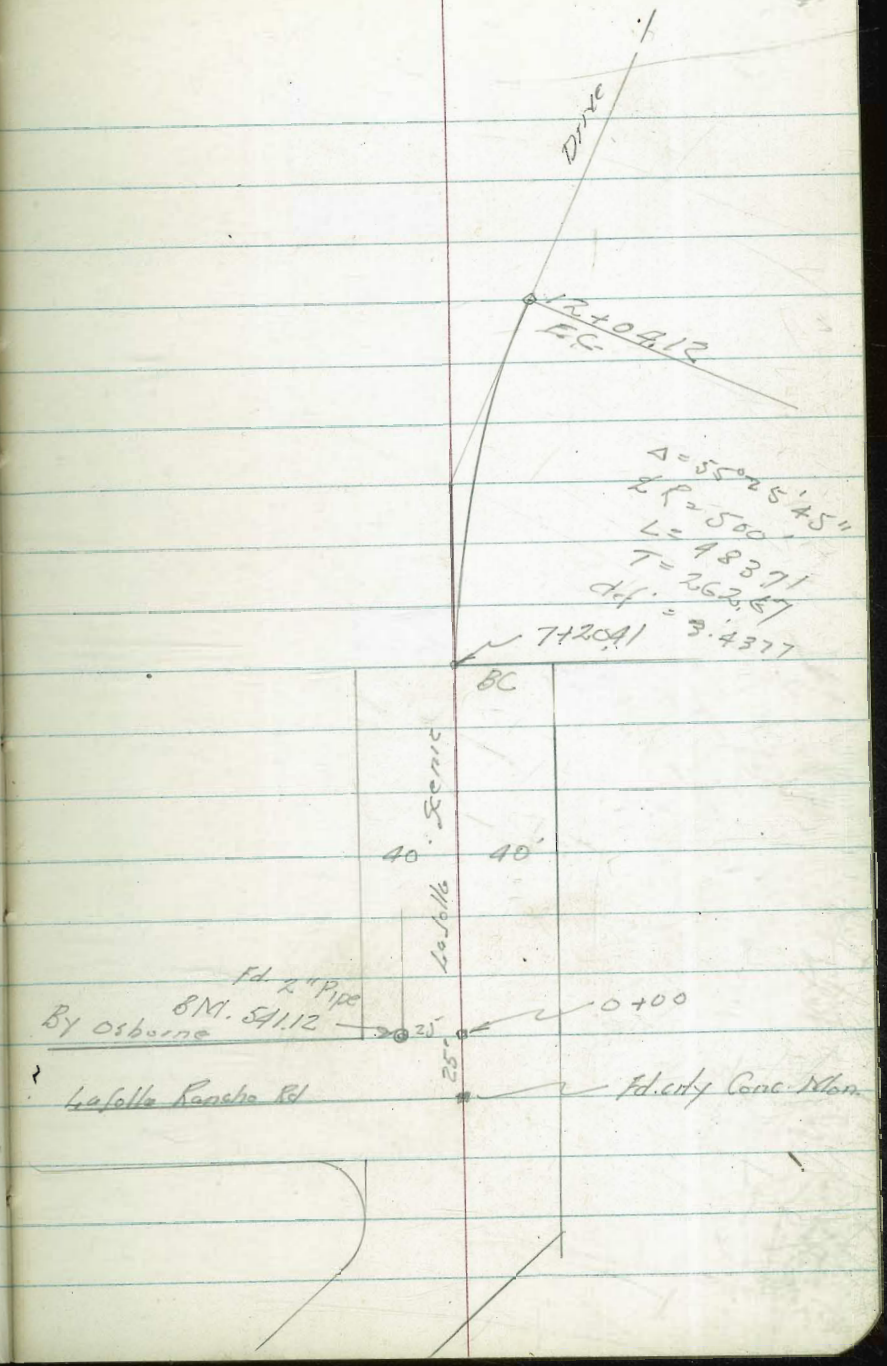
by CAPT FOGG & GABRIELSON

Walker

Pope

Blow oct 28th 1954 ~ Profile #4591

WO 20006



Lopez Scenic Drive

℄ Stations	Lt curb	℄	Rt curb
3+00	555.01 54.21 = stake F 0.10		554.01 50.34 = stake F 3.67
2+80	554.21		553.21
2+60	553.37 52.80 F 0.57		552.37 49.72 F 2.65
2+40	552.46		551.46
2+20	551.49 51.25 F 0.24		550.49 48.64 F 1.85
2+00	550.44		549.44
1+80 = P.V.C.	549.32 51.05 C 1.73		548.32 48.45 C 0.13
0+00	539.00		538.00

380' V.C.

- 5.735% ↓

541.12

B.M. on Pipe NW. Lopez Rancho
25' Lt 0+00 P-41

Apollo Scenic Dr.

℄ stations		Lt. Curb	℄	Rt. Curb
5+00 = E.V.C.		559.14 65.07 = stake C 5.93		558.14 61.74 = stake C 3.60
4+80		559.06		558.06
4+60		558.85 64.69 = stake C 5.84		557.85 62.86 C 5.01
4+40		558.60		557.60
4+20		558.28 64.77 C 6.49		557.28 59.23 C 1.95
4+00	3+80 V.C.	557.90		556.90
3+80		557.47 62.35 C 4.92		556.47 55.19 F 1.28
3+60		556.95		555.95
3+40		556.36 57.42 C 1.06		555.36 51.66 F 3.70
3+20		555.71		554.71

℄ stations		Lt. Curb	℄	Rt. Curb
9+50	13° 09' 22"	560.93 61.07 = station C 0.14		559.93 59.26 = station F 0.67
+25	11° 43' 28"			
9+00	10° 17' 34"	560.73 58.87 F 1.86		559.73 58.37 F 1.36
+75	8° 51' 40"			
8+50	7° 25' 46"	560.53 57.32 F 3.21		559.53 56.87 F 2.66
+25	5° 59' 52"			
8+00	4° 33' 58"	560.33 55.99 F 4.34		559.33 54.65 F 4.68
+75	3° 07' 64"			
7+50	1° 41' 70"	560.13 55.05 F 5.08		559.13 52.70 F 6.43
			Curb Mean 559.52	
7+20.41 = BC		560.02 53.89 F 6.13		559.02 52.28 F 6.74
6+50		559.74 55.24 F 4.50		558.74 52.11 F 6.63
6+00		559.54 57.50 F 2.04		558.54 53.98 F 4.56
5+40		559.30 561.33 C 2.03		558.30 558.05 F 0.25

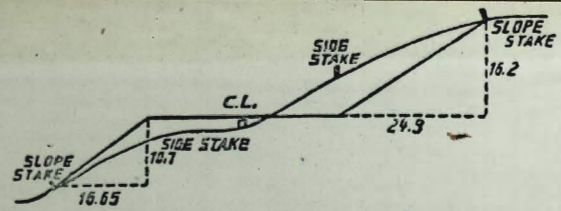
La Jolla Scenic Dr.

		Lt. curb	℄	Rt. curb
	27°42.75			
12+04.12 = E.C. P-41		56195 64.78 = Stake C 2.83	Curb = Mean 56.85	560.95 62.54 = Stake C 1.59
+75	26°02.68			
11+50	24°36.74	56173 66.79 = Stake C 5.06		560.73 62.83 = Stake C 2.10
+25	23°10.80			
11+00	P.C.C. 21°44.86	561.53 66.95 C 5.42		560.53 62.39 C 1.86
+75	20°18.92			
10+50	18°52.98	561.37 66.50 C 5.17		560.33 61.34 C 1.01
+25	17°27.04			
10+00	16°01.10	561.13 64.33 = Stake C 3.20		560.13 60.34 = Stake C 0.21
9+75	14°35.16			

Cholla Channel
Location - High Water Marks

Walker From National Ave
Othman To J-Street No 20006
1-11-55

Station	Meas. Dist. = slope on conc. face of channel from	Top. unless noted otherwise.
℄ Spring Garden	16.2	
15' South Sh. L-St	16.3	
N.L. Gillette St.	15.7	
35+50 (Near 4" Sewer) crossing Channel	13.0	
N.L. Ocean View Blvd.	Slope from Top = 16.0	
~~11+55~~ 11+55 ~~N.L. National Ave~~	Vertical 6.8' Below Top Blkd	= El 1.2
6+80	Vertical 4.5' Below Blkd	= El. 1.5



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ 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	71.20	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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