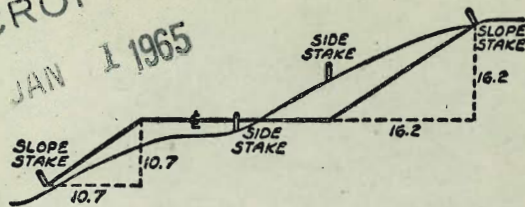


MICROFILMED

JAN 1 1965



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.

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

These corrections are to be added to the approximate values, found by dividing the tangent, or external, for a 1° curve (Table VIII) by the degree of curve, in order to obtain the true tangents, or externals. Intermediate values may be obtained by interpolation.

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE															
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°		
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46		
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.58	.65	.72	.79		
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90		
25°	.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14		
30°	.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39		
35°	.11	.22	.34	.47	.58	.69	.79	.81	.92	1.04	1.29	1.42	1.54	1.66		
40°	.13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94		
45°	.15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21		
50°	.17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48		
55°	.19	.38	.57	.76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77		
60°	.21	.42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07		
65°	.23	.46	.69	.93	1.16	1.40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39		
70°	.25	.51	.76	1.02	1.28	1.54	1.80	2.06	2.33	2.60	2.88	3.16	3.44	3.72		
75°	.27	.56	.83	1.12	1.40	1.69	1.98	2.27	2.57	2.87	3.16	3.47	3.78	4.09		
80°	.30	.61	.91	1.22	1.53	1.84	2.15	2.46	2.78	3.10	3.44	3.78	4.12	4.46		
85°	.33	.66	1.00	1.33	1.68	2.02	2.36	2.70	3.05	3.40	3.77	4.14	4.55	4.89		
90°	.36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32		
95°	.39	.79	1.19	1.55	2.00	2.40	2.80	3.20	3.61	4.02	4.40	4.98	5.38	5.83		
100°	.43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34		
110°	.51	1.03	1.56	2.08	2.61	3.14	3.67	4.21	4.76	5.31	5.86	6.43	7.01	7.60		
120°	.62	1.25	1.93	2.52	3.16	3.81	4.45	5.11	5.77	6.44	7.12	7.80	8.50	9.22		

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE															
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°		
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020		
15°	.003	.007	.010	.014	.018	.023	.027	.032	.035	.039	.043	.047	.051	.055		
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083		
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135		
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188		
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264		
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341		
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445		
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550		
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700		
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851		
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.771	.845	.922	1.01		
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17		
75°	.095	.182	.286	.383	.480	.578	.678	.777	.877	.977	1.07	1.18	1.29	1.39		
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62		
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91		
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20		
95°	.174	.350	.522	.706	.885	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58		
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96		
110°	.268	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96		
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32		

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Bayside walk to Bay

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curb level check, Pacific Beach Drive 56

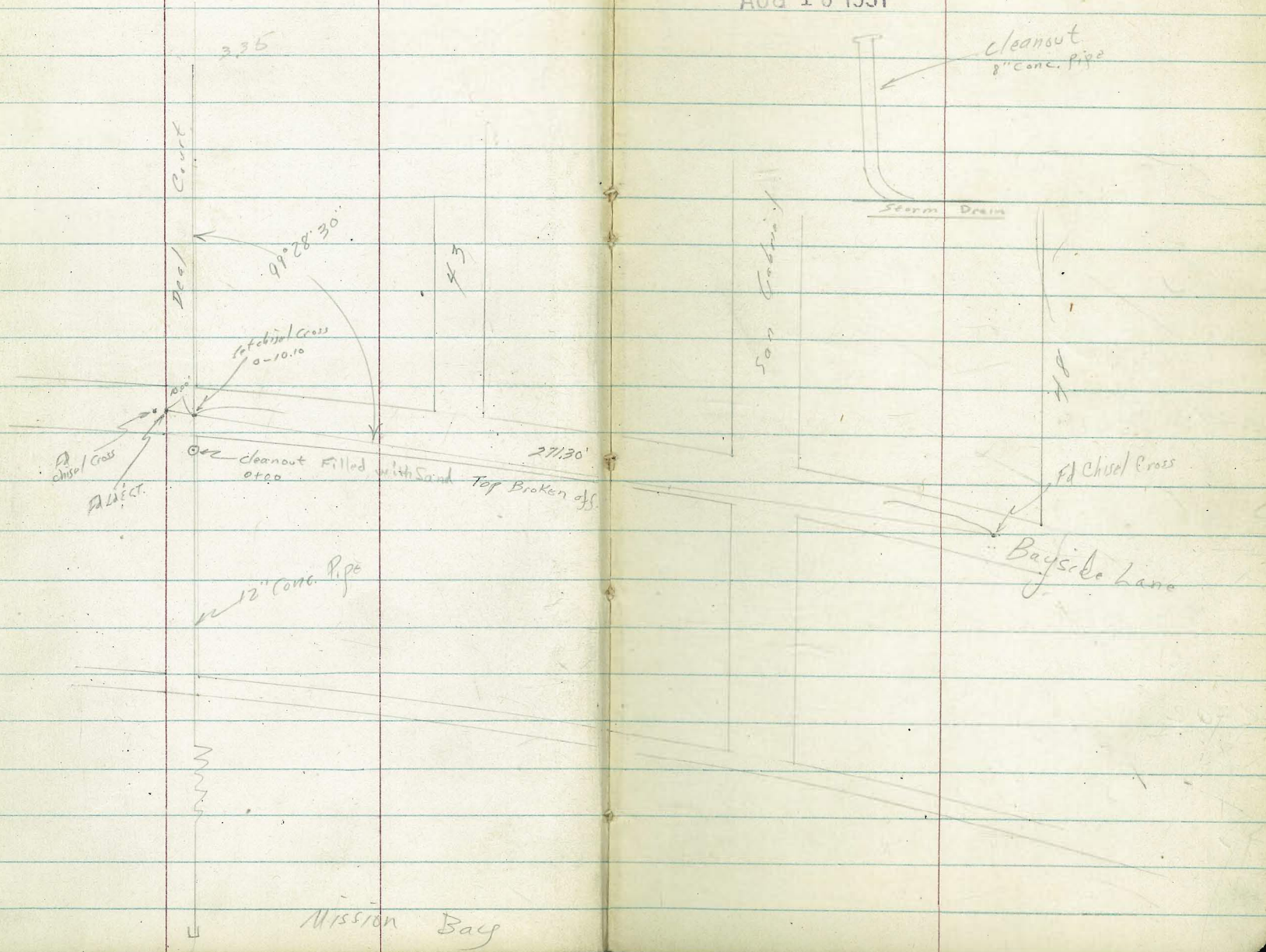
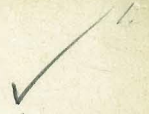
X Sec To armaline St Mission Blvd wly to R.R. P.O.W. 59-63

Roberts
Cota
Moore
Pulkin
Aug 9, 1951
W.R. 20361

Survey of Storm Drain in Deal Court
Bayside to Bay

INDEXED

AUG 16 1951



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24

2

R1

2

0+90

-098
57

0+84

Bayside Walk

-059
5.81
walk

0+78

1.5 Rt to Deal Ct. Walk
Bayside Walk

-093
5.65
walk

0+40

-028
5.5

-033
5.55
1.4
WALK

0+00

Cleanout

-493
10.15
INVERT
ONLY APPROX

-018
5.4
GPR

+0.07
5.15
1.3
walk

-2-02

Cleanout Mission Blvd.

-0.93

6.15
Rim

-4.28

9.50
INVERT

TP

6.11

5.22K

10.73

-0.89

5.22K

BM

2.95

9.84

6.99 SWBP

San Gabriel Sea Wall

Brass Plug gone!

Cont'd From Page 2

22

f

Rc 3.

check

2.48 6.99 ✓

TP

5.40 9.47 205 1.07

TP

7.01 6.12 611 -0.89

1463 Estimation of END of Pipe

Water too Deep

Two Sets of two Railroad Rails Hold pipe
in Place on END.

1428

-502
10.26
TOP
PIPE

1418 Waters Edge 2:00 PM PDST Aug. 9, 1915

8.7 -378
GKV

5.22A

5.22A ✓

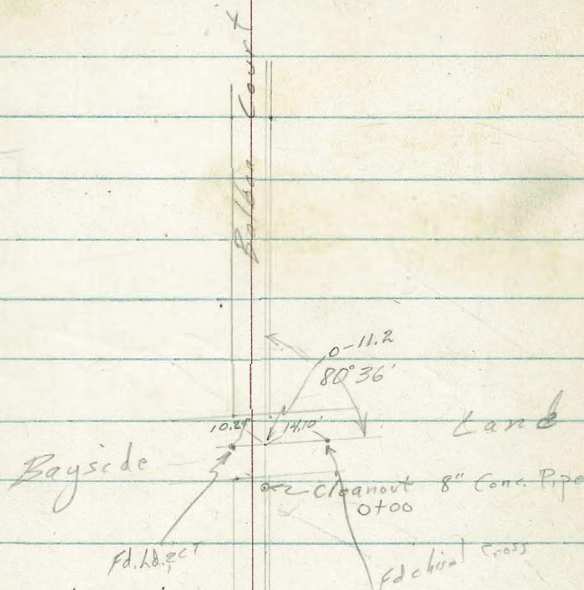
Roberts
Aug 9, 1951
W.D. 20361

Survey of Storm Drain in Balboa Ct
Bayside Lane to Bay

INDEXED

AUG 16 1951

✓ #



12" pipe



Cont'd From Page 4

24

€

R1 6.

0+84³

Bayside Walk

1.05
6.14
walk
0.49
6.7
P2D

0+78³

Bayside Walk

+1.02
6.15
walk

0+35

+1.3
5.9
2.13
5.83
walk

0+00

Cleanout

1.2
5.47
TOP
-537
12.56
INVERT
APPROX. 5
1.56
5.53
walk

-3-15

Cleanout on Mission Blvd.

-1.8
8.65
KID
-9.85
11.64
INVERT

TP

8.65 7.19A 7.73 -1.46

7.19A ✓

TP

2.00 6.27 5.70 4.27

TP

2.89 7.97 2.17 7.08

BM

2.86 7.85 6.99 SNBR San Gabriel & San Val (Cross Hwy Area)

Contd From Page 5

24

Q

R+

6.

Check

471 0.10 = 0.07

Walk opposite area closed at Deal Ct.

T.P.

5.01

4.81 ✓

5.54

-0.20 ✓

T.P.

3.36

5.34 ✓

5.21

1.98

1405

IN Water

-39

111

1400 Q Rock Fill

719 π

719 π

BB

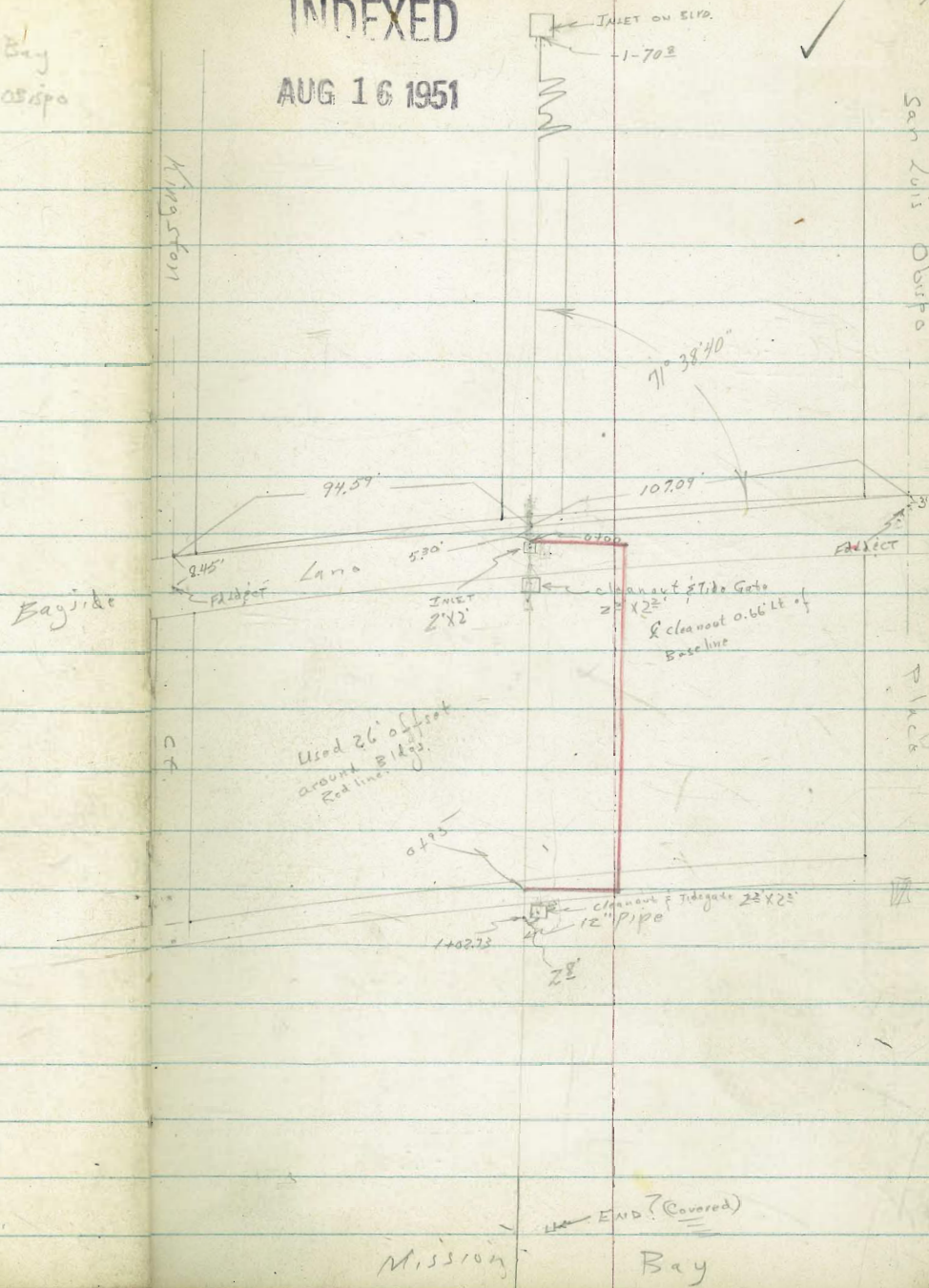
Notes Reduced - 8.10.51

Roberts
Cota
Moore
Patten
Aug 14, 1951
W 020361

Survey of Storm Drain in Alley 123
Mission Beach
From Bayjide Land to Bay
Between Kingston & San Luis Obispo
TP 257919

INDEXED

AUG 16 1951



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26 E RE 8

$0+31^{\pm}$ $\boxed{26' \text{ Offset}}$ $\left\{ \begin{array}{l} 21' \text{ Rt Begin Scurra Wall} \\ 22^{\pm} \text{ Rt to NE Cor Garage \& Apartment} \\ 2^{\pm} \text{ Rt to NE Cor. Garage} \end{array} \right.$

$\begin{array}{r} 5.23 \\ 4.90 \\ \hline .33 \end{array}$

T.P. 5.48 443 π 398 -1.05

$0+11^{\pm}$ $\boxed{26' \text{ Offset}}$ 35' Rt to NW Cor Garage

$0+14^{\pm}$ 3' Lt to N.W. Cor. 11' Rt to SW cor.
 Base line hits Garage & Apartment

$\begin{array}{r} -12 \\ 44 \\ \hline \text{Floor} \end{array}$

$0+13^{\pm}$ 44' Lt to SW cor Garage

$0+13^{\pm}$ 0.66 Lt to 8" 12" pipe & Box
 Easterly side of cleanout & tidegate box

$\begin{array}{r} -43 \\ 776 \\ \hline \text{INVERT} \end{array}$

(Our base line is a projection of 8" pipe from Mission Blvd to Bay side.)
 (Line of Pipe Angles here)

$0+00$ Westerly side of INVERT Bay side Lane

$\begin{array}{r} -29 \\ 5.02 \\ \hline \text{Grate} \end{array}$
 $\begin{array}{r} -20 \\ 7.63 \\ \hline \text{INVERT} \end{array}$

$-1-70^{\pm}$ INVERT MISSION BLVD

$\begin{array}{r} -14 \\ 485 \\ \hline \text{GRATE} \end{array}$
 $\begin{array}{r} -35 \\ 685 \\ \hline \text{INVERT} \end{array}$

T.P. 485 293 π 940 -1.92

BM 0.50 748 6.98 SW BP

293 π

Mission Beach Seavall & San Luis Obispo Pkwy

2+00

55⁻¹²

1+50

50⁻⁰⁶

1+62 Leave Fenced flower garden & Fish pond

1+02²³ Opposite Easterly Edge Cleared & Tide gate

0.0

.57

5.06

9.79

Top

INVERT

Box

Fenced flower garden & Fish Pond

1+00¹⁰ Easterly Edge walk

.06

5.05

WALK

0+94⁶ Westerly Edge of Bayside walk

.052

4.83

WALK

0+83 26' offset ¹¹ 19⁶ Rt to Near Edge 2' walk22⁹ Rt to NE Cor House0+45³ 26' offset ²⁶ { 24⁴ Rt to NW Cor House
20⁴ Rt END Stucco Wall
20⁴ Rt Near Edge of 2' Walk parallel to House

443

443

Contd From Page 9

24

8

R 10.

check

3.16

702 = 6.98

T.R

6.52

10.18

1.28

3.66

T.R

2.91

4.94

2.40

2.03

2+50

9.3

443A

443A

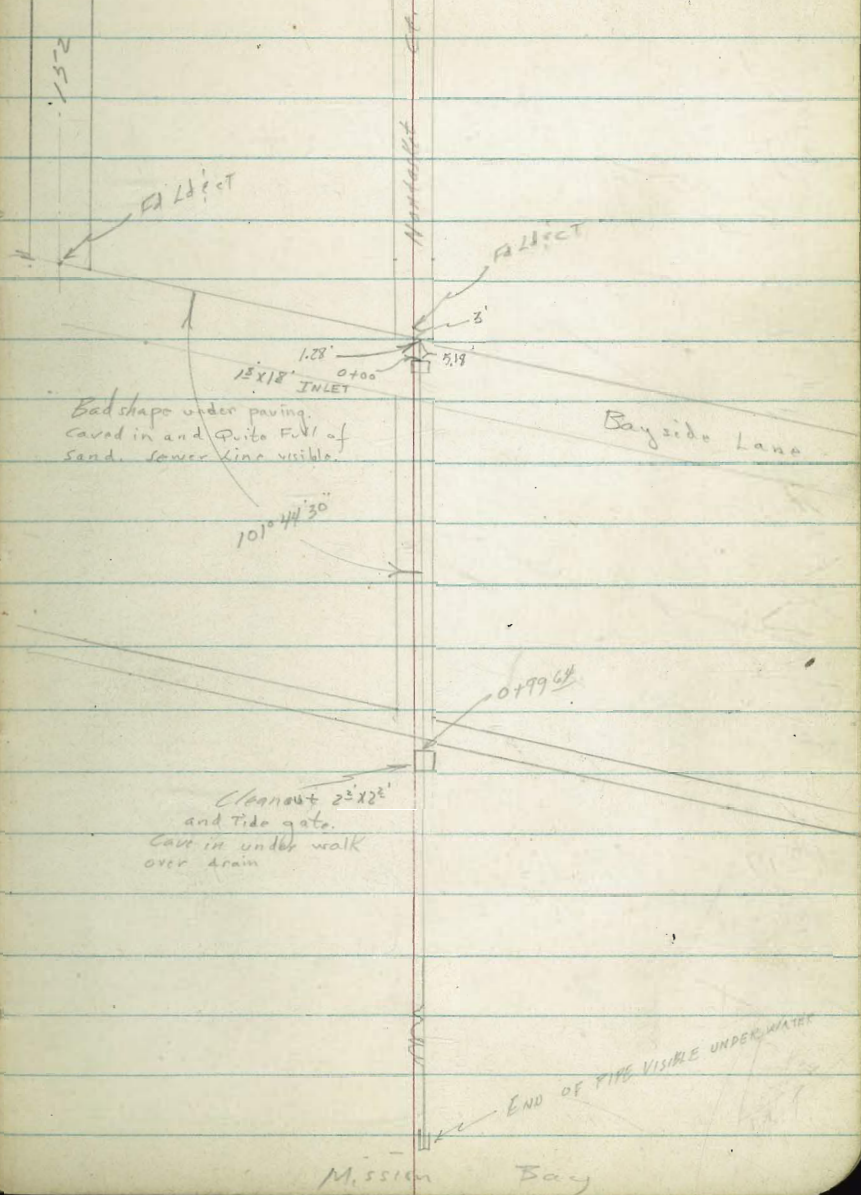
Roberts
Aug 17, 1951
no 2056

Survey Storm Drain in Nantasket, Ct.
Bayside Lane to Bay

TP25pg 8

INDEXED ✓

AUG 16 1951



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0+99.64 - Westerly side Cleanout & Tide gate Box

^{-0.46}
3.66
Top

^{5.76}
8.46
Invert

0+98.2 Edge walk
155.2L Edge walk 3.50 RT Edge walk

0+92.85 Hit Bay side walk

^{-0.44}
3.64

0+50

^{1.6}
4.86
walk

0+11 130.2L Edge walk 3.80 RT Edge walk
Edge pav. begin walk

^{2.22}
5.42
pav.

0+00 westerly side Inlet

^{4.9}
8.1
Approx. Invert

^{7.23}
5.53
Grate Top

-1-77 Cleanout on Mission Blvd

^{0.53}
3.58
Top

^{1.33}
6.95
Invert

TP 3.58 3.20 \checkmark 10.22 -0.38 \checkmark

3.20 \checkmark

BM 2.77 9.84 \checkmark 7.07 SWBP

San Juan E Mission Beach Seawall

5.96
4.80
3.6

44

4

R2

12

Cont'd from Page 12

14

15

16

17

check

284

7.07 = 7.07

T.P.

861

991

120

1.30

2494

Estimated End Pipe

water too Deep

2464

Water Edge

9.2⁶⁰

2450

7.4⁴⁴

2400

4.3¹⁴

1750

4.0⁸⁷

320.7

320.7

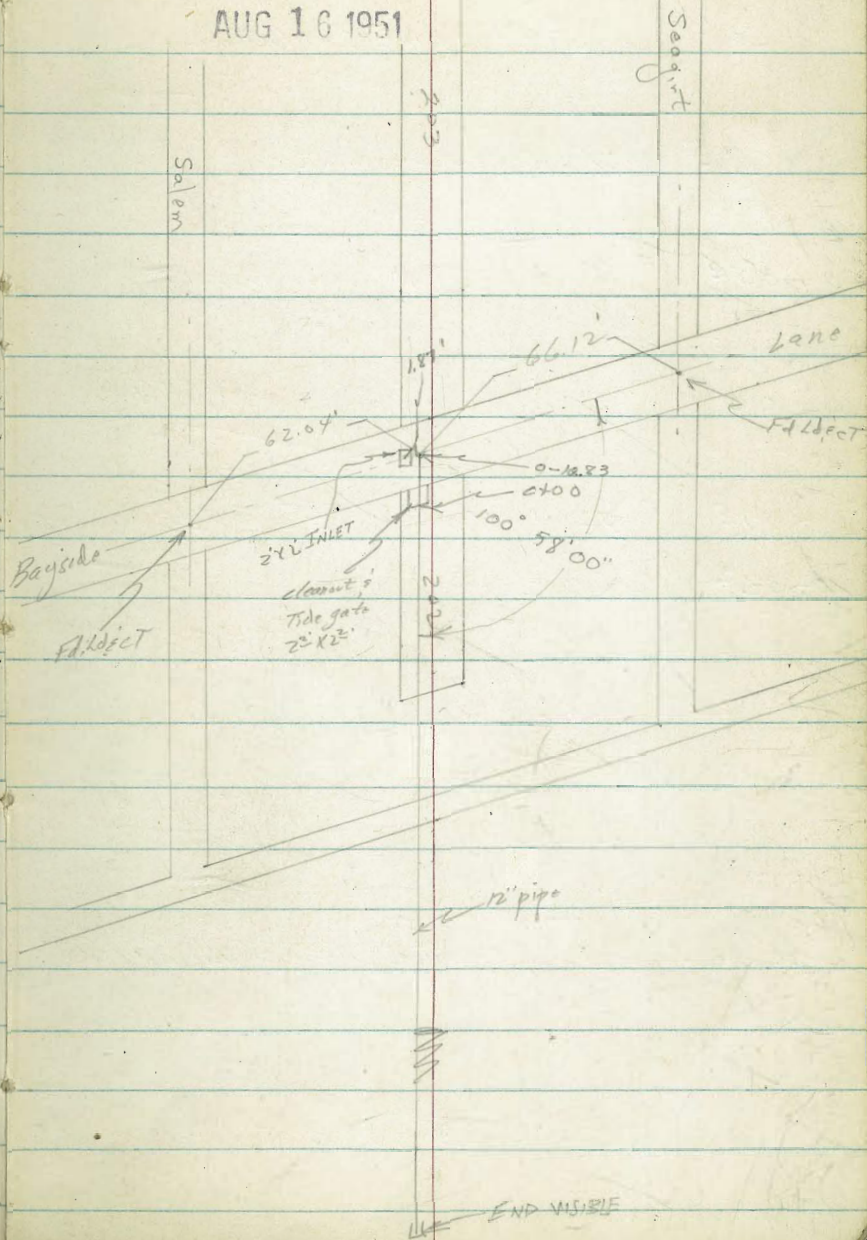
Roberts
Aug 14, 1951
WB 20361

Survey Storm Drain in Alley 202 Mission Beach
Between Salem & Seagirt

TP 25 pg 5

INDEXED

AUG 16 1951



Cont'd From Page 14

14

5

Rt

15

0+28[±] 6' Rt to NE Cor Garage

51
-02

0+07[±] 4' Rt to Deadman

0+05[±] 6' Rt to NW Corner Garage

0+00 Easterly Edge cleanout; Tide gate

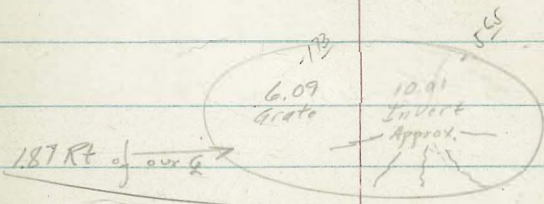
102
5.90
Top
Box
10.15
Invert

0-01[±] 48' Rt to center P. Pole # 3823

0-02[±] Pav. Edge

103
5.99
Pav.

0-1083 Inlet in Bayshore lane
Needs cleaning out.



Inlet on Mission Blvd 194[±] West of Inlet in Bayshore (center to center)
Needs cleaning out.

104
5.23
Grate
9.29
Invert

T.P. 5.23 4.36 T 10.66 -0.87

436 T

BM 2.71 9.79
7.08 SWBP

San Jose & Mission Beach Sewer

Cont'd From Page 15

Lt

R

R 16

0+93² 8' Rt to Center 36" Palm

0+89² East Edge Walk

.047
4.8
walk

0+84¹ West Edge Bayside Walk

.039
4.69
walk

0+83⁵ Fence along Bayside Walk

0+75⁶ 7' Rt to NE Corner House

0+73² 5' Lt to SE Cor. House & garage

0+54² 2³/₄' Lt to SW Corner House & garage

0+51 2³/₄' Lt to Corner Conc. Apron

0+50 11⁵/₈' Rt to NW Corner House

.04
4.8

436 T

436 T ✓

Cont'd From Page 16

24

£

RZ 17

check 2.77 7.05 = 7.08
T.P. 6.55 9.82 109 3.27

2110 Estimated End Pipe

Water Too Deep

1487 Waters Edge

4.2
8.6

1450

1.0
5.4

1400

0.1
4.5

436A

436A ✓

Cont'd From Page 18

Lt

¢

Rt 19

1+17³

1/2 Lt to Gate Valve Box

1.27
7.28
1/2
INVERT
Approx

1+00

.05
5.0

0+50.80

5+Rt to Pav. Edge

.05
5.1

0+35

.09
5.30
Pav. Edge

0+00

Water above pipe believe it is 12"
Easterly Face Inlet on E. Side

.100
5.91
Grate
9.88
Invert
Approx

0-63²

could not lift Grate
Believed to be 12" Pipe
Inlet W. Side Mission Blvd

.08
5.40
Grate
8.70
Invert
Approx

T.P. 4.36 4.51 π 8.34 0.15

4.51 π

BM 0.92 8.49 157 SWBP

San Fernando & Mission Beach Seawall

Cont'd From Page 19

446.56 L. Rt Hits Edge Paving

4400

3750

3700

5 Rt to Edge Pav.

2750

2700

1750

4.517

Lt

Rt

Rt 20

+0.16
1.35
Pav.

+0.2
1.3

+0.3
4.2

0.1
4.5
5.72
5
Pav.

0.1
4.6

0.1
4.6

0.5
5.0

4.517

Cont'd From Page 20

5458 Waters Edge

5420

4497⁵

4491⁵

4470

4437² Leaves Paving

TP

5.01 5.17~~A~~ 4.35 0.16

4.51~~A~~

Lt

E

RT

21

¹⁰⁵
11.7

¹⁰
6.2

¹⁰²⁷
7.70
walk

¹⁰⁵⁷
4.60
walk

¹⁰²⁷
4.9

¹⁰²²
4.95
walk

5.17~~A~~ ↓

Cont'd From Page 21

Lt

R

Rt 22

~~8~~

Notes Reduced. 8-16-57

check

0.57 7.56 = 7.57

T.P. 8.34

8.13'

5.38 -0.21

140' East of 4+16.56 OLD OUTLET 15"

Corr. Stud

386
9.03
/ INVERT

Produced

5.17A

5.17'

Cross Section East + West Hwy
 Block 44 N.P. Herbark Sub.
 From Cherokee to 37th St.

St. North

Rt. South 24

1+00

379.4
4.3
40

379.4
4.3
25

379.3
41

379.4
4.3
7.5

379.6
41.6
11.4
8.69

+75

379.5
4.3
7.5

379.2
4.5

379.3
4.4
7.5

379.1
4.9
11.7
8.69

+57

117 R/W of St. - N.W. Cor. Bldg

379.2
4.5
20

379.5
4.2
2.5

379.0
47

379.22
4.41
7.5
11.4
8.69

+50

+165

76 L/W of St. - N.W. Solid Pocket Fence

379.4
4.3
14.5
11.4
8.69

379.2
4.5
7.5

378.9
48

378.96
4.70
7.5
11.4
8.69

378.72
4.94
7.5
11.4
8.69

+25

0+0

East Line of Cherokee

378.74
4.91
9.3
Ch

378.61
5.05
7.3
9.3
Gutter

378.53
5.13

378.63
5.03
7.35
9.3
Gutter

378.73
4.93
7.35
9.3
Ch

0-12

East Curbl. in Cherokee

378.79
4.87
9.3
Ch

378.16
5.50
9.3
Gutter

378.00
5.16

377.95
5.91
9.3
Gutter

378.48
5.18
9.3
Ch

500

383.86 8.53

380.63

383.66

B.M.

502

389.16

384.14
N.W. Cor
Market
Cherokee

+76

379.63
390
9.5
NY Garage
Noit

379.2
4.3
7.5

379.2
4.3
7.5

379.3
4.2
7.5

379.30
4.2
7.5

379.25
4.3
7.5

+58

379.82
371
9.5
NY Garage
Noit

379.4
4.1
7.5

379.3
4.2
7.5

379.4
4.1
7.5

379.53
4.0
7.5

379.55
3.9
7.5

383.53

TP

4.31 38353444 379.22
0.22 Hds
NY
Riley

+10.16 = F.L. NY Garage

379.5
4.2
7.5

379.4
4.3
7.5

379.5
4.2
7.5

379.5
4.3
7.5

+264 79 Rt of St. Sly Porter Polc # P.A. 3874

379.5
4.1
7.5

379.4
4.3
7.5

379.5
4.2
7.5

379.5
4.1
7.5

+25.16 = NY Garage North & South

+19

379.51
4.1
7.5

379.63
4.0
7.5

379.65
4.1
7.5

+09 79 Rt of St. NY Garage Fly Pocket Fenced

379.53
4.1
7.5

379.55
4.1
7.5

+05.5 117 Rt of St. NY Garage Bldg
1-04 38366

38366

+77.32 = 1700 Carb Line 57 4654

+65.32 = 34.2 271354

+50

+28

+20

240

38353

44 5

44 26

371.16	376.64	376.50	376.43	377.02
6.27	6.89	7.03	7.10	6.51
10-C6	10-Gut		10-Gutter	10-C6

377.51	377.25	377.09	377.17	377.40
6.02	6.28	6.44	6.36	6.13
7-TopCarb	7-Gutter	7-C	7-Gutter	7-TopCarb

378.69	378.1	378.1	378.1	378.6
4.87	5.4	5.4	5.4	4.9
9.1-54 Cone	7.5		7.5	11.3-NY Ho.
Halk				

379.41	378.9	378.9	378.8	378.99	378.99
4.12	4.6	4.6	4.7	4.54	4.54
9.4-54 Cone	7.5		7.5	8.3-NY Cone	11.1-NY Cone
Halk				5.0-5.0	11.1-NY Cone

379.28
4.35
6.3-5.5 Cone
5.0-5.0

379.55	379.0	379.0	379.2	379.23
4.29	4.5	4.5	4.3	4.20
7.4	7.5		7.5	11.6
10.5-54 Cone				5.0-5.0

Cross Section North & South Alley
Block 49 N. P. Harbor Sub.
From East & West Alley to Meade Ave.

Sketch 23

+ 51.5 63 ft of $\frac{1}{2}$ - Wly Picket Pole # PA 4245

+ 50 73 ft of $\frac{1}{2}$ - Wly Lattice Fence

+ 41

+ 14 93 ft of $\frac{1}{2}$ - Wly Picket Fence

+ 40 68 ft of $\frac{1}{2}$ - Wly Picket & Wly Lattice Fence

+ 79 61 ft of $\frac{1}{2}$ - Wly Picket Fence

+ 51 67 ft of $\frac{1}{2}$ - Wly Picket Pole # PA 4335

+ 50 68 ft of $\frac{1}{2}$ - Wly Picket Fence
90 ft of $\frac{1}{2}$ - Wly Picket Fence

+ 30 65 ft of $\frac{1}{2}$ - Wly Picket Fence

+ 25

0+0 = North Line East & West Alley

B.M. 651 385.73

379.22

072 Hub
1432.66 ft
N & S Alley
Page 25

West

East 27

380.9
4.8
7.5

380.7
5.0
7.5

380.1
5.0
7.5

380.69
5.04
9.3
11.7
13.2
14.7
16.2
17.7
19.2
20.7
22.2
23.7
25.2
26.7
28.2
29.7
31.2
32.7
34.2
35.7
37.2
38.7
40.2
41.7
43.2
44.7
46.2
47.7
49.2
50.7
52.2
53.7
55.2
56.7
58.2
59.7
61.2
62.7
64.2
65.7
67.2
68.7
70.2
71.7
73.2
74.7
76.2
77.7
79.2
80.7
82.2
83.7
85.2
86.7
88.2
89.7
91.2
92.7
94.2
95.7
97.2
98.7
100.2

380.9
1.8
3.5

380.4
5.3
7.5

380.4
5.3
7.5

380.5
5.3
7.5

379.9
5.8
3.5

379.8
5.9
7.5

379.7
6.0
7.5

379.8
5.9
7.5

379.79
5.94
8.9
11.9
14.9
17.9
20.9
23.9
26.9
29.9
32.9
35.9
38.9
41.9
44.9
47.9
50.9
53.9
56.9
59.9
62.9
65.9
68.9
71.9
74.9
77.9
80.9
83.9
86.9
89.9
92.9
95.9
98.9
101.9

379.5
6.2
7.5

379.4
6.3
7.5

379.3
6.4
7.5

379.65
6.8
8.9
11.9
14.9
17.9
20.9
23.9
26.9
29.9
32.9
35.9
38.9
41.9
44.9
47.9
50.9
53.9
56.9
59.9
62.9
65.9
68.9
71.9
74.9
77.9
80.9
83.9
86.9
89.9
92.9
95.9
98.9
101.9

379.4
6.3
7.5

379.4
6.3
7.5

379.5
6.4
7.5

385.73

B.M.

428

384.13

N.H. BP
Meadow

+ 62.56 = South Carb Line Meadow

+ 50.56 = South Line Meadow

+ 10

77 1/2 of 1/2 = 18' Hedge

410

+ 94

8.3 R. of 1/2 = N.Y. Board Fence

+ 93

+ 81

8.3 R. of 1/2 = N.Y. Board Fence

3477

3884

Lt. 2 2

Rt.

29

383.42

4.99
7.5

383.01

5.40
7.5

383.00

5.41

382.08

5.53
10.5

383.49

4.92
10.5

383.92

4.49
7.5

383.69

4.72
7.5

383.42

4.99

383.44

4.97
7.5

383.69

4.72
7.5

384.4

4.10
7.5

383.8

4.6
5

383.7

4.7

383.7

4.7
7.5

384.1

4.3
11.5

N.Y. Board
Fence

384.0

4.4
7.5

383.9

4.5

383.9

4.5
7.5

383.9

4.5
11.5

N.Y. Board
Fence

384.75

3.16
11.5

N.Y. Board
Fence

384.28

4.13
10

N.Y. Board
Fence

384.71

3.76
11.5

N.Y. Board
Fence

384.21

4.35
10

N.Y. Board
Fence

3884

D. Smith
C. Allen
R Taylor

Cross Sec

Galveston
(old temple st)

Littlefield to Gardena

W0#25020

2-29-52

1790

(Empire)
12 32 54 66 68 72 68 66 90 112
50 30 25 22 16 14 11 30 50

1140

574 482 451 426 432 431 406 385
02 38 62 92 82 82 114 135
50 30 15 11 15 30 50

0790

481 452 427 406 408 410 371 375
32 68 83 114 112 110 122 145
50 30 18 11 14 30 50

TP3

1067

5195 096

4128

5195

0740

426 420 400 387 388 385 382 328 326
704 02 22 35 34 52 40 44 46
30 22 15 13 17 22 30 50

0725

taking RT L's

422 394 385 386 365 344 329
02 28 32 36 52 78 93
30 15 14 15 30 50

0700

Edge parking

taken along line of Littlefield

Littlefield

435 406 393 385 374 368 350 337 3081
+13 16 23 32 40 60 72 82 1143
50 33 23 15 15 30 50 75

TP2

303

4224

1297

3921

TP1

067

5218

1296

5151

BM

035

6447

6412

BR. in West of
Frankfort and
North of Pine
Gardena

7 4224

BM starting

3⁰⁰

63¹¹ 63¹³

TP5

9³⁴

66¹¹

2⁹⁶

57⁷²

4726 Nly Gardena

3774 E Gardena

3729 Sly Gardena taken along Gardena

TP4

10⁵⁰

60²³

17²

50²³

3700

2760

2735 39⁰ R + E House

2720⁰² L 47⁰ L

Taken on split

West

East

52

56.2

55.9

54.9

53.9

53.7

48

48

58

66

70

50

34

58

34

50

54.4

53.8

52.2

51.2

51.8

63

72

85

96

92

50

34

85

34

50

54.3

52.8

52.8

50.7

44.5

41.7

50.1

47.1

48.0

46.8

64

72

72

100

112

110

106

116

122

132

50

34

30

17

8

17

28

34

50

60²³

52.4

51.7

51.1

49.6

48.4

48.6

48.4

49.0

47.0

70⁴

0³

0²

2²

3⁶

3⁴

2⁶

3⁰

5⁰

40

30

21

13

5

19

30

50

52.0

48.0

46.4

42.1

48.5

46.1

46.0

45.1

20

40

56

42

35

52

60

62

30

11

7

15

20

30

50

49.7

47.4

46.2

45.1

42.4

44.5

43.7

42.8

2³

46

58

69

56

75

81

92

50

322

27

20

13

322

50

5195

622

398

1100

P. Smith
C. Allen
R. Taylor.

Cross Sec Alley

BIK 94 City Hts.

Wot 25020 33

2-29-52

Reduced & Plotted
3/18/52
A. Mills

Dwight Ave

Note: For ties on Dwight please check Wabash Freeway
ties. None on Job. Plot Plot

Wabash Freeway

Set Nail 157'

579808

BIK

94

City Hts

39th St

40th St

INDEXED

Law

MAR 3 1952

Ed Con
Now

15720
31440

Set Hub & Dist

Reduced

7' north
5' wall
1' cbs

Myrtle Ave

TP₃ 9⁷² 327⁵⁷ 2⁴⁶ 317⁸³

0461 10° Rt & single garage con floor + apron

0450

0436 9° Lt End 2' walk 11 to Line

0424 9° Lt Begin 2' walk 11 to Line

0400 N Line Myrtle end cb on Rt

0-14 My cb Line Myrtle

TP₂ 6²⁷ 320³¹ 10⁹⁴ 314⁰⁴

TP₁ 1²⁹ 324⁹⁸ 9¹³ 323⁶⁹

BM 5²⁹ 332⁸² 327⁵³

S.W. CP 40+
Deight

Lt-West

Rt-East

34

318.02
2²⁹ 192
10 12
Apron Floor

317.0 317.2 317.0
3³ 3⁴ 3³ 317.6 317.7
20 10 10 22 26
10 25

316.74
337
9°
walk

316.34
397
9°
walk

315.1 315.1 314.8
5² 5² 5⁵ 5⁵ 6²⁰
30 10 10 10 10
cb end

313.8 314.4 314.1
6⁵ 5⁹ 6² 313.8 313.92 313.71
60 10 10 6⁵ 6⁹ 6⁸ 4²⁹ 5⁶
10 12 12 8c 9ut 60 60
84 9ut cb 9ut

320³¹

Lt-West

Rt-East

35-

2440 E-cross E SMH

2400

0491 10² Rt E 19' con slab

0477 10² Rt E single garage dirt floor

1750

1700

0483 12² Rt E single garage con floor

322.65

4²³

YIM

321.0
6⁶
35

322.2
5⁴
10

321.5
6²
10

321.6
6⁰
10

321.6
5⁸
25

321.4
6¹³
10²
con

321.1
6⁵
10²
floor

320.4
7²
25

320.6
7⁰
10

319.9
7²
10

320.3
7³
10

320.3
7³
25

318.0
9⁶
25

318.7
8²
10

318.6
9⁰
10

317.2
8⁴
10

317.4
8²
25

317.1
8⁴
12²
floor

327.52

Lt=West

2

Rt=East

36

3780 17³ Lt & single garage wood deck

324.45

325.5
26
173
Floor

3760 14⁴ Lt & single garage con floor

312

142

Floor

324.4

324.4

324.2

324.7

324.6

3750

32

32

34

29

30

20

10

10

20

3706 13² Lt & single garage con floor & apron

323.5

323.9

323.6

323.95

324.12

362

345

132

142

apron

Floor

323.9

324.0

3700

46

32

45

37

36

25

10

10

25

2765 13³ Lt & 20' con slab

323.6

400

132

con

322.4

322.8

322.9

323.3

323.3

2750

52

48

42

43

43

40

10

327.57

10

25

5700

4772 16⁴RtE single garage con floor

4750

4748 10⁴Lt End con slab

4706 10⁴Lt Begin con slab

TPH 643 331⁸⁵ 215 325⁴³

4704 6⁴Lt E 25 con walk

4700

Lt=West

Rt=East 37

326.7
52
30

326.9
50
10

326.8
51
10

327.3
46
10

328.0
39
20

327.50

4³⁵
16²
floor

326.0
52
30

326.2
57
10

326.3
56
10

326.8
51
10

326.9
50
20

326.10
57⁵
10⁴
con

325.51
6³⁴
10⁴
con

+ 331⁸⁵

325.82
2¹⁵
6⁴
walk

325.4
10²
10

325.3
2³
10

325.7
19
10

325.8
18
20

327⁵⁷

B.M. starting

538

327⁵⁴ 327⁵³

TP₅ 528

33292

421

327⁶⁴

6+12⁰⁸ S1/4 c6 Line Dwight

5498⁰⁸ S1/4 Dwight St

5493 11² RT NW cor garage opening North
con floor

5459 9³ LT & 4' con step or porch

5450

5446 9³ LT & 8' con drive

5408 9⁰ LT & 8^{1/2} con drive

Lt. West

326.9

327.4

327.7

Rt = East

38

5⁰

4⁵

4²

4²

4⁶

40

10

10

60

Top
washcut

327.6

327.8

327.9

328.1

328.4

4³

4⁴

4⁰

3⁸

3⁵

15

10

10

20

328.50

3³⁵

112

R floor

328.28

3⁵¹

93

con

327.14

327.45

327.6

328.0

328.2

4²

4¹⁰

4³

3⁹

3²

23

10

10

25

con

con

327.41

4⁴⁴

93

327.15

4⁷⁰

90

331⁸⁵

X Sec.

MEADE.

W.O. 32079

3-20-52

Summeryer
Begg
Altman
Pearson

Menlo 47th

Soil sample taken { & Meade
100' East of Menlo

• = Ed city lot or dike

Direct elevation rod used. All levels
are above 300' plane so elevations
will be shown as follows:-

301.72 shown as 1.72 } The 300 not
+ 364.72 " " 64.72 } shown.

B.M.^s will be noted in entirety.

BM#1 S.E.B.P. Monroe + Menlo El. 343.62

Meade

39

47th St
A.C. Pav.

20'

34755

INDEXED
MAR 24 1952



15' 20'

0+00

20'

Menlo.

A.C. Pav.

Meade

1+15 20^A Rt = end apron + Car

49.91 50.34
20^A Apron Car.

1+00 20^A Rt = start Cornh Car. + stop
with Conc. apron + floor

50.06 50.40
20^A Apron Car floor

0+80 22³ Rt = end 2' wide Hedge

50.02 49.95 49.4 49.8 49.7 50.2
20 15 15 15 20
Back of Cl. walk

T.P. El. = 349.85

0+50 16² Rt = Ctr. 14" pole # 4661

0+35 16² Rt = deadman

50.25 50.15 49.7 49.9 49.6 50.5 50.7
20 15 15 14 16 20
Back of Cl. walk

0+25 22³ Rt = start 2' wide Hedge
15' Rt = end of curb + walk

0+00 = Ely. line Menlo. = end A.C. Pave.

50.41 50.27 49.75 50.25 50.09 50.51 50.70
20 15 15 15 15 15 20
Back of Cl. G Cl. Cl. Back of walk

0-02 15¹⁴ } = E.C. 10' Rad. Cl. Ret.
15' Rt.

50.22 49.72 50.05 50.52
15 15 15 15
Cl. Cl. Cl. E.C.

25' Lt + 25' Rt = B.C. 10' Rad. Ret.

0-17⁰ = Ely. Cl. line Menlo.

50.00 50.28 50.54 51.08
75 25 25 75
Cl. Cl. B.C. Cl. B.C. Cl.

0-12¹ = Ely. gutter line Menlo

49.50 49.72 49.68 49.85 50.00 50.02 50.46
75 25 20 20 25 75

Lt. Ely. 7' Manlo, S. Prop. Meade El. = 350.56

B.M. #2

L.S.E.B.P. Monroe + Menlo El. = 343.62

Meade

2+89 18² Lt = end conc. apron

48.88 48.71
205 182
Car Apron

T.P. Rock El. = 348.84

(29' Rt. = ~~±~~ Sing. Car. conc. floor
206 Lt. = Car. door.

2+82 19² Lt. = start conc. apron

48.92 48.84 48.75
205 192 29
Floor Apron floor

2+78 - 20⁵ Rt. = end board fence.

2+77. 19⁶ Rt. = 14" diam pepper tree

2+75 14⁸ Rt. = ctr. pole #4677 - 14" diam

2+72 - 20³ Lt. = start frame Car. + shed.

2+50

49.1 48.9 49.2 49.1 49.3
20 15 15 20

T.P. Rock El. = 349.30

2+00

49.0 49.0 49.3 49.3 49.5
20 15 15 20

come out 3" ± thick

1+90 17' Lt. = ctr 5'x6' (30 sq. ft) conc. to

1+88 - 14² Lt. = end curb + walk
+ start board fence

49.62 49.50 49.1 49.3 49.2 49.5
192 142 14 15 20
back of walk Cl

1+87 20² Rt. = end picket fence

1+50

49.70 49.15 49.1 49.1 49.1 49.5
20 15 15 15 20
Back of walk in drive

1+33 22' Rt. = start old picket fence

1+25 21² Rt. = ~~±~~ double Car. dirt floor

49.88 49.75 49.2 49.4 49.2 49.5 49.5
20 15 15 13 20 21.8
Back of walk Cl

Meade

3+75^E - cont.

485	49.7	48.5
20	19	18 ⁸
	Top.	Base

18⁸ Lt. = end cobble Conc. wall
 15' Rt. } = start Conc. curb.
 15' Lt. }

3+75^E = start A.C. Pav.
 19' Lt. = Ctr. westside 2' diam. stump
 4' high

48.7	48.79	48.24	48.66	48.62	49.17	49.2
18 ⁸	15	15		15	15	20
	00	0		0	00	

3+75 20⁴ Rt. = Ctr. 14" diam. pepper tree

3+40 17^E Lt. = face of wall

49.8	48.4	48.9	48.4	48.8	48.7	49.1
20	19 ^E	19 ^E	15		15	20
Top	Base					

3+16 15 Rt. = deadman

3+14 19^E Lt. = start Cobble & Conc. wall

49.7	48.4	48.8
19 ^E	19 ^E	19 ^E
Top	base	End

3+12^E 21^E Lt. = 3' wide Conc. walk.

49.00	48.90
31	21 ^E

20' Lt. = end Conc. wall

3+11 15' Rt. = Ctr. 12" diam. Guy. pole.

49.7	48.1	48.9
20	20	20
Top	base	End

3+06- 21' Rt. = start 2' wide hedge

3+00

48.8	48.6	48.9	48.8	49.0
20	15		15	20

2+94 29' Rt. = 4 Sing. Car. Conc. floor

49.19
 29
 Floor

20³ Lt. = start Conc. wall 6" wide

2+92 20⁵ Lt. = end Car. + shed

49.8	48.3	49.0
20 ²	20 ²	20 ²
Top	Base	End

Meade

⊕

Check S.E.B.P. 47+ Monroe 337.90 (337.94)

T.P. Rock EL = 343.14

T.P. Top Hydr. EL 347.68

3+87^E = wly. gutter line 47th

46.86	48.04	48.13	48.63	48.54	48.26	48.16
75	25	20		20	25	75

kw. Ret is aborted curve

3+87^E }
25' Lt. }
25' Rt. } = E.C. 10' Rad. Ret.
wly. cb. line 47th

47.10	48.57	48.91	48.76
75	25	25	75
cc	cc. E.C.	cc. E.C.	cc

3+77^E }
15' Lt. }
15' Rt. } = B.C. 10' Rad. Curb Ret.

48.73	48.24	48.62	49.15
15	15	15	15
cc. B.C.	G	G	cc. B.C.

T.P. 348.68 - Nail in pave 3+82[±] ⊕

D. Smith
C. Allen
R. Taylor
R. Parks

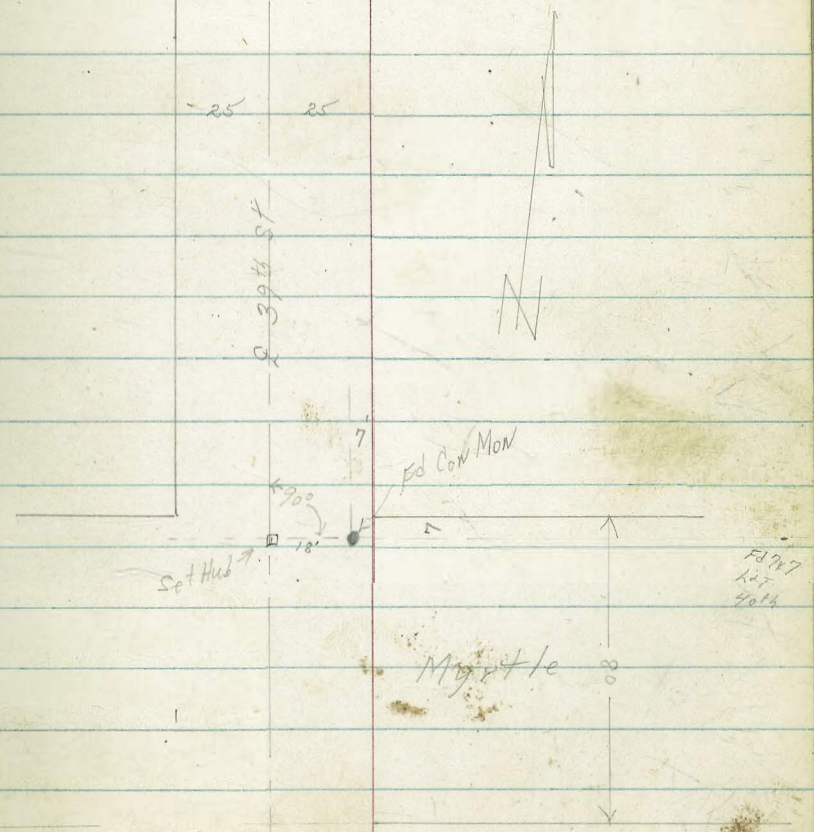
Cross Sec 39th St

Myrtle to Wabash cut Bank

W0#22008 43
5-28-52

Guard Rail 3487
3485
Set Pat.

INDEXED
JUN 2 1952



Lt=West

Rt=East

44

TP₄

9¹⁰

326⁶⁵

5²³

311²⁵

6-07-44
8-32-4

25° Rt Begin
0+00 Nly Myrtle

5' high Eugenia hedge

309.1	310.3	311.0	311.4	311.2	311.6	311.8	312.3	312.5	313.6
7 ²	6 ²	6 ⁰	5 ⁵	5 ⁸	5 ⁴	5 ²	4 ²	4 ⁵	3 ⁴
75	50	25	15	11		9	13	25	75

0-14

REDUCED MEEHAN
6/2/52

310.0	310.8	311.3	311.7	312.8
7 ⁰	6 ²	5 ²	5 ³	4 ²
75	25		25	75

0-40 E Myrtle

307.0	309.7	310.2	310.9	312.4
10 ⁰	7 ³	6 ⁸	6 ¹	4 ⁶
75	25		25	75

0-66

306.5	307.7	308.8	309.3	311.0
10 ⁵	9 ³	8 ³	7 ⁵	6 ⁰
75	25		25	75

0-80 Sly Myrtle

305.6	307.7	308.4	308.9	309.0	309.4	309.4	309.9	311.9
11 ⁴	9 ³	8 ⁶	8 ¹	8 ⁰	7 ⁵	7 ⁶	7 ²	5 ¹
75	25	10		11	14	21	25	75

TP₃

2³⁷

316⁹⁸

6²⁰

314⁴

TP₂

6²⁷

320³¹

10⁹⁴

314⁰⁴

TP₁

1²⁹

324⁹⁸

9¹³

323⁶⁹

BM

5²⁹

332⁸²

SWBP 404
327⁵³ Drought

π 316⁹⁸

1771 25° RT E 3⁵ con walk

1750

1736 25° RT E 3⁵ con walk

1716 25° RT E 8' con drive

1703 24° RT E 14' clump *Eucalyptus* tree

1700

0780 25° RT E *Eugenia* hedge

0750

0720 25° RT E 8' con drive

RT-West E

RT-East 45

316.46 317.92
319 223
25 walk 35

313.9 315.1 315.2 315.0 315.5 315.5 316.1 316A 317.0
6⁵ 5⁵ 5⁵ 5² 5² 5² 4⁶ 4² 3²
50 25 13 11 8 11 25 35

316.40 316.94
4²⁵ 3²¹
25² walk 35²

316.08 316.21
4⁵⁷ 4⁴⁴
25² drive 45²

312.7 314.3 314.7 314.5 314.8 314.8 315A 315.6 315.9
8⁰ 6⁴ 6⁰ 6² 5² 5² 5³ 5¹ 4⁸
50 25 14 12 8 11 25 50

311.3 312A 313.2 313.0 313.5 313.4 314.2 314.3 314.7 314.9
9⁴ 8³ 7⁵ 7² 7² 7² 6⁵ 6⁴ 6⁰ 5⁸
50 25 13 11 9 12 20 25 35

313.05 313.87
7⁰⁰ 6²⁵
25² drive 35

320.65

2458 24⁵ RT Begin Brick + con wall

2456 20³ RT & 2³ con walk

2450

2446 24⁵ RT & 12" Tree stump

2440 24⁵ RT & 8' con drive

2435 24⁵ RT end brick + con wall

TP₅ 5²⁸ 324¹⁴ 229 318³⁶ end wall 2100 25 RT

2400 24² RT Begin con + brick wall

1790 25⁰ RT & 8' con drive

Wt - West

Q

RT - East

46

319.6
345 320.60
245 354
245 245
Footing Top

319.67
447 319.87 320.22
202 25 35

314.1 315.9 316.9 316.8 317.5 317.7 318.6 319.4 319.9
102 83 73 72 66 64 55 42 42
50 25 18 14 6 14 25 40

319.67
3447 319.97
245 35
drive

318.7 319.61
54 45
245 245
Footing Top

324¹⁴

314.2 315.3 315.6 315.9 316.5 316.6 317.1 318.1 317.9 318.75 318.9
65 54 54 48 42 46 36 26 32 20 18
50 25 20 13 8 10 25 25 25 40
Footing Top

317.82
283 225 318.40

320 65 25 25
drive

TP 923 332⁵⁴ 5⁰⁰ 327⁵⁴ 327⁵³
 083 323³¹

4706 13° RT End guard rail fence

4705 20° RT Begin cyclone fence

3793

3750

3747 28⁵ Lt ^{Begin} to guard rail fence

3742 21² Lt to end cyclone fence

3725 33⁵ Lt to cyclone fence

3700

2787 22⁶ RT 810⁵ Cor drive

2782 24⁴ RT end Brick & Cor wall

Lt = West 2 Rt = East 47

320.6 321.1 321.6 322.4 323.0
 35 30 25 12 14
 Top 8 11 25 35

316.6 317.7 319.0 319.7 320.1 320.7 321.3 321.5
 75 64 51 44 40 34 28 26
 31 25 10 7 10 25 40
 Top cut

315.3 316.6 317.7 318.8 320.0 320.0 320.6 320.8
 88 75 64 53 52 46 35 33
 40 25 14 6 10 25 40

320.57 321.09
 363 305
 226 325
 draw

320.14 320.65
 40 349
 244 245
 324 Lt footing Top

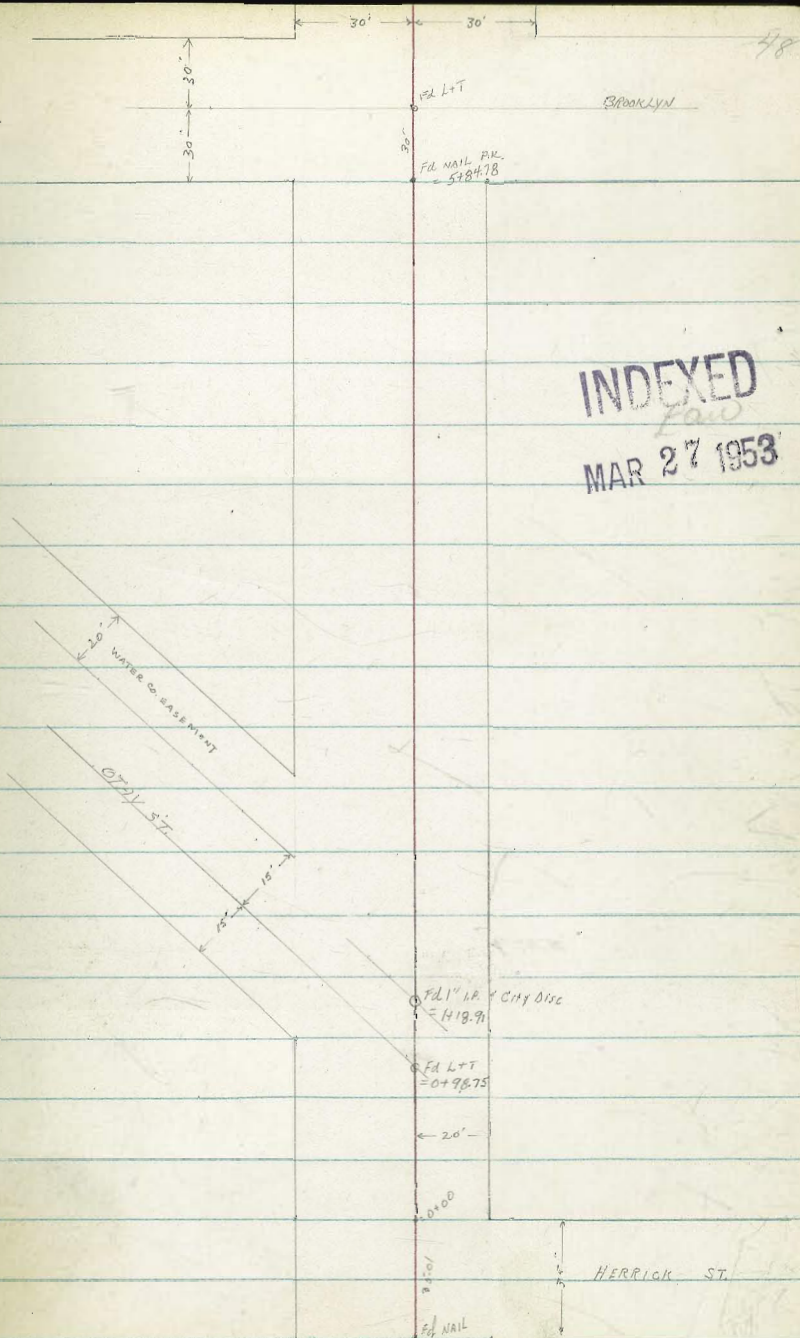
Clark
Shepherd
Bruner
O'Neil
W.O 20008
3-20-53

SURVEY SHOWING ENCROACHMENTS IN
65th: bet. HERRICK & BROOKLYN

Ref. Tie-sheet 3245

Sketch not to scale

Notes Pg. 29



65 1/4 ST. (CONT.)

(See Pg 50)

4130 15' LT of conc. slab 14' wide extending into street from cur. line, in front of driveway

3472 16' RT of 2.0' conc. Ribbon } Drive

3467 16' RT of 2.0' conc. Ribbon }

3465 20' LT Bay curb 10' wide walk & curb (conc.)

3405 16.0' RT of 2.0' " " "

3400 16.0' RT of 2.0' conc. Drive Ribbon

2469 16' RT of 12' cold-lay driveway

0+00 = N. LINE HERRICK ST.

65¹/₂ St. (Cont'd)

5150

16' RT & 4' x 3 (deep) Conc. slab; 19.0' RT & 3.0' Conc. Walk

5125

15' RT & 7.0' Conc. Drive

4182

17.0' LT & 3 Conc. steps 4' wide (21.5' LT to BK to step

4170

17.5' RT & 5' x 2.5 (deep) Conc. slab in fr. of steps

4140

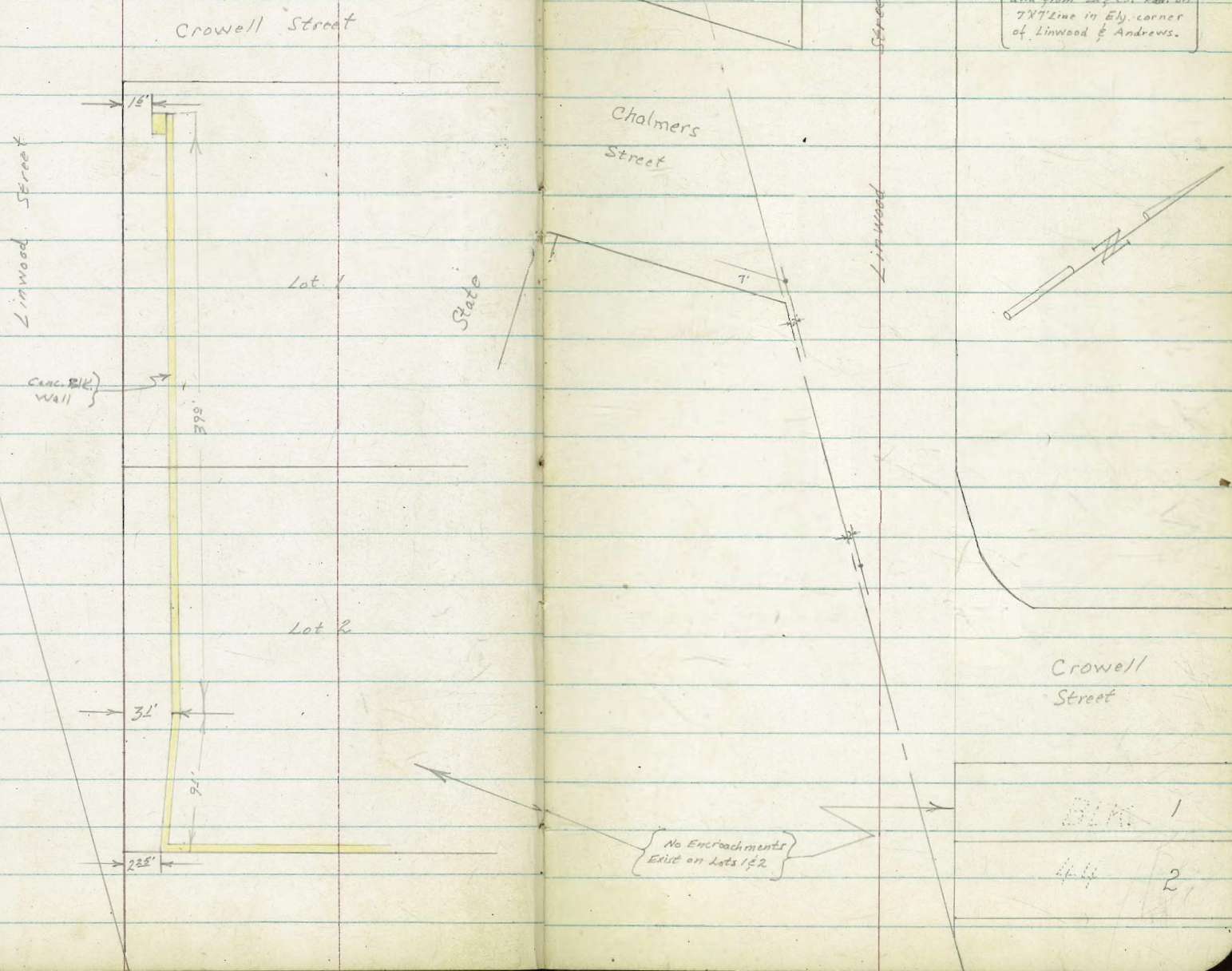
20' RT END Comb. CB + DRIVE

Roberts
C. A.
Moore
Marquez
5-5-53
WA# 20006

Survey For Encroachments
at Linwood & Crowell
Lots 1 & 2, Block 44 Middletown Addition
T.P. Sheets 480 & 484

Indeped

This Line of Linwood established from L&C.T. Ed. on T&T Line in NW Corner of Linwood & Willden and from L&C.T. Ed. on T&T Line in Ely. corner of Linwood & Andrews.



D. Smith
J. Rorer
R. Taylor
B. Fish

Cross Sec Alley BKK2
Edgemount
Btwn 46th Chamouné
El Cajon + Norwood

Wot
21232
5/24/54

863.79 tie dist

46th St

2'cb Road Ret

40' Setback

10' cbs
4' walk
4' parking

176.24

52

FM 70
CITY DISC

CHIALT

IND E V N
MAY 25 1954



B.K.
Edgemount
#1294

School Property

26'

915.00 tie dist

0700

15' hd

197.22

R.K. MAIL

cut R.P. cross in curb.
Station 0-50⁵² - EL = 358.10
8-30-54 C.H.S.

10' cbs
2.5' parking
5' walk

Chamouné Ave

dir st

10' cbs
2.5' parking
5' walk

poor curbing

FM 70

Lt=Nly

Rt=Sly

TP₂ 4⁵⁵ 359⁸⁰ 809 354⁷⁵

2+00

1+75

1+64 7⁸ Rt & deadman

1+60 8² Rt & deadman

1+50

1+40 7⁶ Rt & 18" PPole # PA4574

102 (Lt & single garage con floor & apron
1+32 13⁴ Rt & double garage con floor

1+25

1+09 10⁶ Lt & 3' cov walk

1+00 11² Rt & single garage (wood) board floor

0+82 9⁴ Lt & 5' cov slab

8 ⁰	354.6	8 ⁰	354.7	8 ¹	354.7	8 ⁰	354.8
15		10		10		10	
8 ⁰	354.6	8 ⁰	354.7	8 ¹	354.9	8 ⁰	354.9
15		10		10		15	
8 ⁴	354.7	8 ⁴	354.7	7 ⁸	355.0	7 ⁵	355.3
15		10		10		15	

6 ⁸⁹	355.95-	6 ⁶²	356.22
13		13	
Floor		Floor	
7 ⁰⁴	355.80	7 ⁰	355.8
10		10	
apron		10	
7 ⁰	355.8	7 ⁰	355.8
10		10	
6 ⁵⁸	356.26	6 ⁵	356.3
106		6 ⁵	
414		10	
6 ⁶	356.2	6 ²	356.1
15		10	
6 ²	356.60	7 ³	355.5
10		10	
6 ⁵	356.3	5 ⁹²	356.92
10		117	
100		Floor	

80 20 84

BM starting ^{P53} 4⁵⁷ 356⁵⁹ ^{100'} 358⁵⁹

TP3 6⁰⁰ 361¹⁶ 4²⁴ 354⁵⁶

2489⁴⁴ Wly Ch line 46th St.

2479⁴⁴ Wly 46th edge A.S. pav, end cbs

2474 9² RT& deadman

2451 9² RT& 18" P.P. 1/4 #4598

2450

2428 9² Lt end wire fence

2425

2416 9⁵ Lt begin 3' wire fence

2408 12⁰ Lt& single garage cov floor & apron

354.10 353.55 353.43 353.81 353.79 353.85 353.93 353.97 354.39 354.14 354.74

3²⁰ 5²⁵ 4²⁷ 5¹⁹ 5⁵¹ 5⁴⁵ 5³⁷ 5³³ 4²⁴ 5¹⁶ 4⁵⁶

15⁰ 45⁰ 12 12 10 10 12 12 12 45 45

06 9ut 30. 2ut 10 9ut 9ut 80. 5ut 06

354.56 354.20 354.03 354.34 354.63

4²⁴ 5¹⁰ 5²⁷ 4²⁶ 4⁶⁷

98 98 10 10

07 5ut 5ut 06

354.4 354.7 355.0

4¹⁹ 4⁶ 4³

10 10

354.5 354.5 354.8 354.7

4⁸ 4⁸ 4⁵ 4⁶

15 10 10 10

354.59 354.87

4³¹ 4⁴³

135 12

floor apron

359²⁰

Curb level check

Pacific Beach Drive

C.H.S.

B079

Schelin

9-17-54

NO. 32444

Sheet 10056-L

INDEXED

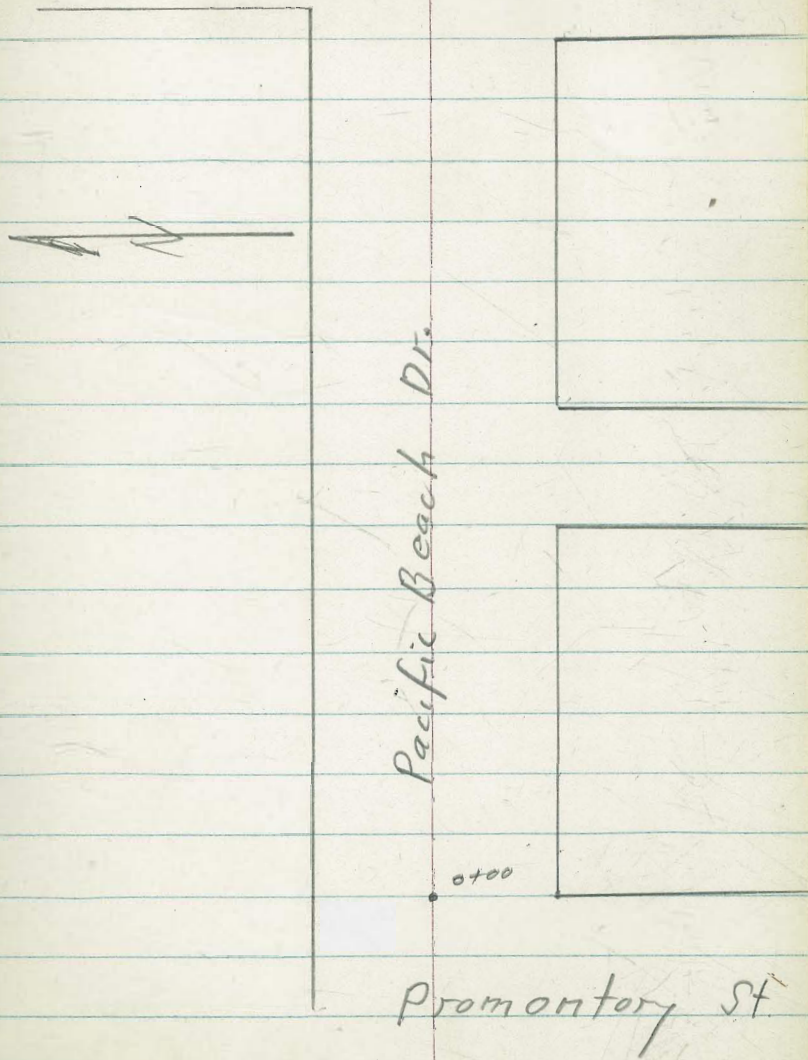
NER

SEP 17 1954

Ingram

St.

56



1440		43.84	43.69
1420		43.36	42.86 GUT
1414.5	EC.		43.25
1412.5	B.L. 2' RAD CB RET.		43.30 CB
1412.8 1400	CB at P.L.	43.57	44.06 P.L. 43.98
0497.5	EC. 2' RAD		43.22 CB 42.8 P.L.
0495.5	BC. 2' RAD CB RET.		43.15 CB
0490		43.50	43.20 CB
0480		43.70	43.24 CB
0460		44.07	43.49
0440		44.40	43.91
0420		45.18	44.70
0400	E'ly line Promontory	46.10	45.36

1794.

BC. ON LT.

45.36
CB

1789.7

EC. BIC ON RT.

45.15

1780

44.83
CB

44.80
CB

1760

44.25
CB

40.15
CB

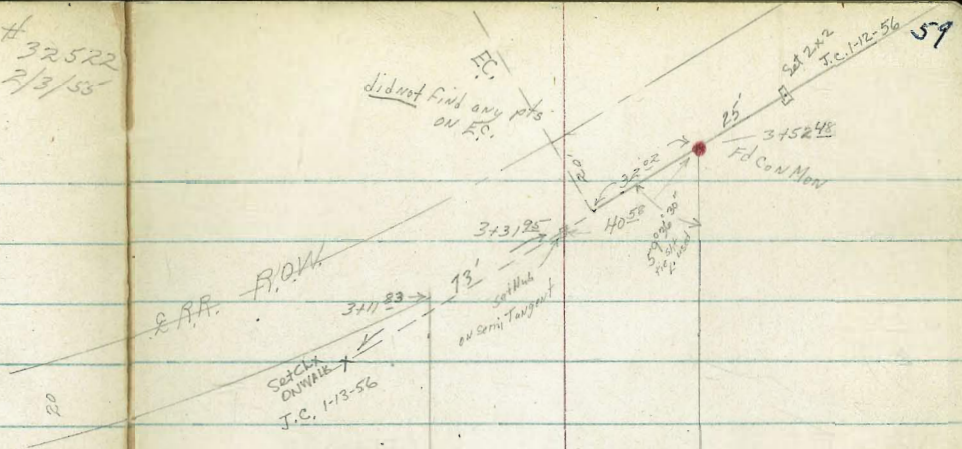
D. Smith
J. Marer
R. Taylor
D. Black

X Sec Tourmaline St
700 B/K
Mission Blvd Wly to RR, ROW.

wot 32522
2/3/55

INDEXED
SER
FEB

4-10-55 Ref FB 1743-67, 71

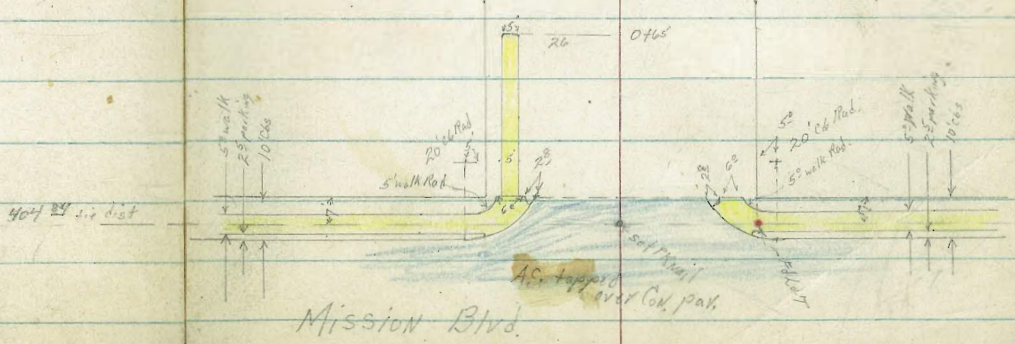


soil sample taken @
Sta 3+00 on R

Notes reduced
2-9-55
W.G. Akin



Fd. L.T.
SW cor. Opal (w. 100)
Mission Blvd (9)



1755 36⁴ Lt end con parking slab

1750

1747 30² Rt to Sly end 2' fence to line

1732 31² Rt & 3⁰ con walk to line

1725

1713 36⁵ Lt Begin con parking slab

1707 35⁴ Lt & 1⁵ con walk to line

1700

0790 31² Rt & 1⁵ con walk to line

0787 30² Rt to Sly end 2⁵ fence to line

0775

0773 35² Lt & 1⁵ con walk to line

Lt = Sly

Rt = Nly

61

84.96
94
464

84.72
94
364

84.66
84.81
84.8
85.1
84.6
85.5
86.1
86.1
87.1
87.5
88.0

84.37
84.80
84.82
5.51
5.08
4.06
312
35
75

85.16
87.2
485
85.37
85
365
86
36
85.3
80
20
85.6
83
17
85.3
86
17
86.4
75
10
86.6
73
20
86.8
71
22
87.7
62
30
88.2
52
35
88.5
50
45
89.1
32

85.17
84
465
85.67
82
368

85.50
83
454

85.74
84
458

85.7
82
75
85.5
80
35
86.0
79
20
85.5
80
15
86.8
77
10
87.0
69
20
87.3
66
21
88.0
52
30
88.7
52
35
89.1
48
45
90.1
38
45

88.86
5.18
312
89.07
4.81
25
89.28
4.46
45

85.4
85
45
85.8
81
35
85.9
80
20
86.6
73
10
87.0
69
10
87.2
67
20
87.5
64
20
88.2
57
22
88.5
54
30
88.9
50
31
89.0
49
35
89.3
46
45

85.17
84
45

85.24
83
35

93.88

Lt-Sly

Rt. RT=ML

62

2475

12 ⁸	11 ⁸	12 ²	12 ²	11 ⁶	11 ⁷	10 ⁷	9 ⁸	8 ²
45	35	20	15	10	23	26	35	45
81.1	82.1	81.7	81.7	82.3	82.3	82.2	83.2	84.1

2454 25² RT & 3° cov & brick walk ↓ to line

11 ⁴	11 ³	11 ³	11 ²	11 ⁴	11 ⁰	10 ³	10 ³	9 ⁴	9 ⁰	8 ^{4.5}	8 ^{4.5}	8 ^{5.0}
45	35	27	17	10	25	28	35	45	55	65	75	85
82.5	82.6	82.6	82.2	82.8	82.9	83.1	83.6	84.5	84.5	84.5	84.5	85.0

2450

2425

10 ³	10 ⁴	10 ²	10 ³	10 ⁴	9 ²	9 ²	8 ³	8 ⁰	7 ¹⁰
45	35	16	10	10	24	26	32	30	45
83.6	83.3	83.0	83.6	83.8	84.0	84.6	85.1	85.5	86.6

2416 35° RT & 5° cov walk & step ↓ to line (mostly)

10 ³	10 ³	10 ³	9 ³	9 ²	9 ¹	8 ²	8 ²	7 ²	7 ¹
45	35	17	10	23	26	35	45	55	65
83.9	83.6	83.6	84.6	84.7	84.8	85.7	86.2	86.7	87.1

2400

83.82
10⁰⁶
47⁵

84.13
9²⁶
37⁵

1478 37⁵ RT & 3° cov walk ↓ to line

10 ²	9 ⁸	9 ²	9 ²	8 ⁶	8 ⁵	8 ⁵	7 ⁵	7 ³	6 ⁸
45	35	25	17	10	20	25	35	45	55
83.7	84.1	84.0	84.0	85.3	85.4	85.4	86.4	86.6	87.1

1475

1472 35° RT & 6° cov walk ↓ to line

87.01
68⁷
35²

87.32
6⁵⁶
45²

T 23⁸⁸

B.M. starting

476 89.12

3452⁴⁸ NE Prop Cor

3431⁹⁵

3430 E crosses Road barricade

3425⁶ AT E 2° con walk to line

3411⁸³ S E Prop Cor approx

3400

Lt = Sly

£

194 = Nly

63

76.0	78.5	79.3	78.8	80.2	81.1	81.9	82.5	82.9
172	154	146	151	132	128	120	115	110
50	35	10	17	22	30	35	44	

78.4	77.2	77.7	80.3	81.3	81.5	81.5	82.3	83.2	84.0
150	162	162	136	126	124	116	107	98	
40	35	25	18	10	23	25	35	45	

82.13	83.24	83.53
11	75	106
25	35	45

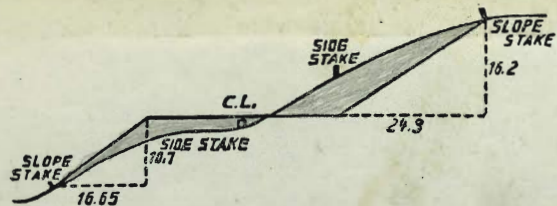
78.9	79.9	80.7	81.1	81.6	81.7	81.8	82.2	82.6	84.2
150	140	132	128	122	122	125	117	103	97
45	35	25	15	10	23	25	35	45	

79.8	80.0	81.3	81.4	81.9	81.9	81.7	83.1	83.4	84.4
144	139	126	125	120	120	122	108	105	95
45	35	20	16	10	10	23	30	35	45

T 93 88

450
6452
51452

2107-B
2750-B



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

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

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

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