

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.

87225

MICROFILMED

APR 14 1965

UNIVERSITY MICROFILMS

DIRECTIONS FOR USE OF TABLES

TABLE No. XIV

Distances of slope stave from side of road
stave for any width roadway, slope 1% to 10%

IMPROVED TABLES
AND
INFORMATION

TABLE No. VII

To find Tangent and External Distance of
any curve divide by degree of curve and
multiply by sine of half degree of curve
Degree of curve when a given angle is found
by dividing tangent (or external distance) by
given tangent (or external distance)

The distance from a point on the tangent to
the curve is very nearly the square of the tangent
length divided by twice the angle

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City Heights Annex #2, BIK. 2, stake alley	34
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3-21-51

Hendricks

Allen

Shepard

Bruner

NO# 20009.

Stoke Sewer Extension

Amaryllis Dr

from Hipoma Easterly to Alley

Dwg. 8102-L

①

INDEXED

AUG 21 1951

1+58 DE

0.31

12.31

C1200 /

1+25

4.14

14.85

C1021 /

1+00

6.89

16.77

C988 /

0+75

9.37

18.70

C933 /

0+50

11.70

20.62

C892 /

0+25

14.23

22.55

C832 /

0+00

14.47

24.47

C1000 /

3-26-51 Stake Rough Grade
 Hendricks Chatsworth Blvd
 Allen
 Shepard
 Bruner
 WO# 20661

Dwg. 8043-8044-L

Elev. 311
 Edge paving (New)

INDEXED

AUG 21 1951

Elev at
 Sty Prop Line

5+35.04		216.37 ✓	216.50	220.12	C362 ✓
5+12.04		216.27 ✓	216.40	219.35	C295 ✓
4+78.00		216.09 ✓	216.22	217.85	C163 ✓
4+43.80		215.92 ✓	216.05	215.86	F019 ✓
4+09.60	TP	215.76 ✓	215.89	215.47	F042 ✓
3+75.40		215.60 ✓	215.73	214.41	F132 ✓
3+41.20		215.44 ✓	215.57	212.57	F309
3+07.00		215.28 ✓	215.41		
2+71.75		215.10 ✓	215.23		
2+36.37 B.K		214.92 ✓	215.05		
1+89.08		214.68 ✓	214.81		
1+41.81		214.45 ✓	214.58		
0+94.54		214.21 ✓	214.34		
0+47.27		213.98 ✓	214.11		
0+00 P.C.R		213.74 ✓	213.87		
TP	213.52				
TP	207.09				
B.M		197.67			

NWBP Dixon & Chatsworth

8+75.04		209.70 ✓	209.83	210.41	C0 ⁵⁸ ✓
8+55.04		210.55 ✓	210.68	211.30	C0 ⁶³ ✓
8+35.04		211.55 ✓	211.48	212.65	C1 ¹⁷ ✓
8+15.04	TR	212.09 212.10 ✓	212.23	213.62	C1 ³⁹ ✓
7+95.04		212.77 ✓	212.90	214.77	C1 ⁸² ✓
7+75.04		213.40 ✓	213.53	216.02	C2 ⁴⁹ ✓
7+55.04		213.97 ✓	214.10	216.69	C2 ⁵⁹ ✓
7+35.04		214.48 ✓	214.61	217.00	C2 ³⁹ ✓
7+15.04		214.92 ✓	215.05	217.41	C2 ³⁶ ✓
6+95.04		215.32 ✓	215.45	218.28	C2 ⁸³ ✓
6+75.04		215.65 ✓	215.78	218.98	C3 ²⁰ ✓
6+55.04		215.93 ✓	216.06	219.77	C3 ⁷¹ ✓
6+35.04		216.15 ✓	216.28	220.19	C3 ⁹¹ ✓
6+15.04		216.31 ✓	216.44	220.61	C4 ¹⁷ ✓
5+95.04		216.41 ✓	216.54	220.59	C4 ⁰⁵ ✓
5+75.04		216.45 ✓	216.58	220.46	C3 ⁸⁸ ✓
5+55.04		216.44 ✓	216.57	220.33	C3 ⁷⁶ ✓

514
Prof.
Line

Grade - Rod

Station	Offset	TP	Grade	Red.	Grade - Rod	Prof. Line	Other
12+65			189.73	8 ⁰ 7 ⁸ F4 ²	189.81		
12+45			190.13	3 ¹ 6 ⁵ F3 ⁴	190.26		
12+25			190.67	2 ⁶ 5 ⁶ F3 ⁰	190.80		
12+05			191.30	2 ⁰ 3 ³ F1 ³	191.43		
11+85	1.38	193.44	192.06	27 ⁰ 2 ⁰	192.19	191.50	F0 ⁵⁹
11+65			192.94		193.07	193.02	F0 ⁰⁵
11+45			193.94		194.07	193.39	F0 ⁶⁸
11+25			195.20		195.33	194.70	F0 ⁶³
11+05.04	TP	197.46	196.48		196.61	196.47	F0 ¹⁴
10+75.04	TP		198.39		198.52	198.05	F0 ⁴⁷
10+45.04			200.30		200.43	199.66	F0 ⁷¹
10+15.04			202.21		202.34	201.64	F0 ⁷⁰
9+95.04			203.35		203.48	203.20	F0 ²⁸
9+75.04		TP	204.56 204.55		204.68	204.68	C0 ⁹⁰
9+55.04			205.70		205.83	206.05	C0 ²²
9+35.04			206.78		206.91	206.99	C0 ⁰⁸
9+15.04			207.81		207.94	208.40	C0 ⁴⁶
8+95.04			208.78		208.91	209.38	C0 ⁴⁷

Elev. Edge
of Pavement

South

Elev at
P.K.

1/4 PL

16+09.83

Grade - Road FO²⁸ 194.43 197.71 42 200.34 200.24 58¹⁰

15+89.83

FO⁵⁹ 197.32 197.92 41 199.41 200.33 C09²

15+69.83

FO³¹ 198.83 197.14 198.39 200.59 C2¹⁹

15+37.43

FO⁷⁷ 193.85 195.62 196.49 201.35 45⁶

15+05.03

FO⁷⁹ 192.22 194.10 194.60 195.91 C1³⁸

14+88.03

FO⁹⁹ 191.14 193.13 193.43 192.27 F1¹⁶

14+65.03

191.94

14+54.53 BC

191.58

17

FO⁴³ 190.40 191.83 191.90 191.72 17 30¹ F2¹/3⁵

14+45.04

191.28

20

191.58 191.53

14+25

190.70

26

9³ F 6²/10⁰ 190.83 190.88 26-5⁴ F2⁹/4⁵

14+05

190.17

31

14¹ F 11⁰/16⁵ 190.33 190.35 31 6² F3¹/4³

13+85

189.75

36

16³ F 12²/19⁰ 189.89 189.93 35 7² F4³/6⁴

13+65

189.45

39

9⁴ F 5⁵/9³ 189.59 189.63 38 7³ F3⁴/5⁵

13+45

189.27

40

22⁰ F 18⁰/27⁰ 189.40 189.45 40 6⁶ F2⁶/3⁹

13+25

189.22

41

15⁰ F 10³/16³ 189.35 189.40

13+05

189.26

40

13³ F 9³/14⁰ 189.39

12+85

189.42

35

7⁶ F 3⁷/5⁵ 189.58

193.44

^

193.44

^

Station
on South
line

1901 South
prop. line

Station	Prop. Line
1700+54.73	207.29
18+47.23	206.73
18+27.23	206.15
18+07.23	205.70
17+87.23	205.25
17+51.75	204.11
17+16.26	202.88
16+80.77	201.65
16+43.79	200.14
16+06.81	198.64
15+69.83 R.C.B.C. R.	197.14

11706

11717

3-28-51 Restake Cbs Rhoda Dr.
 Hendricks & Cabrillo
 Allen
 Brunner
 No # 25020 (see P-13 for re-stake)

Lt.		Elev	Grade	
		189.57	197.32	C 2 ³⁵
2+31.85 End		197.19	182.54	C 4 ⁶⁵
7+92.01	T.P.	186.42		
1472.01 EC		185.30	179.50	C 5 ⁸⁰
# 2		181.91	177.52	C 4 ³⁹
# 1		177.22	175.50	C 1 ⁷²
1+43.64 RC 10' Radius		174.18	173.80	C 0 ³⁸
1+11.34 Int P.L.		176.70	171.78	C 4 ⁹²
0+87.83 L. bank		173.30	170.30	C 3 ⁰⁰
0+59.56		169.52	168.45	C 0 ⁰⁷
0+29.28		165.79	166.60	F 0 ⁵¹
0+00		163.77	164.75	F 0 ⁹⁸
BM			162.71	

INDIVIDUAL

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AUG 21 1951 R+

	Elev Gr	Elev	Start	End	Cut or Fill
C 1 ⁴	3+55.55 End	187.80	198.29		C 0 ⁴⁹
C 2 ⁴	3+28.60	184.57	196.23		C 11 ⁶⁶
C 1 ²	3+01.65	181.33	194.09		C 12 ⁷⁶
C 5 ⁰	2+74.70	178.10	190.25		C 12 ⁵⁵
	2+54.70 EC	176.70	181.20		C 4 ⁵⁰
# 5		176.25	180.37		C 5 ¹³
# 4		175.99	180.54		C 4 ⁵⁵
# 3		175.77	179.50		C 3 ⁷³
# 2		175.50	178.40		C 2 ⁹⁰
# 1		175.11	176.76		C 1 ⁶⁵
		174.60			
	1+55.47 BC	174.50	175.06		C 0 ⁵⁴
		172.03			
	1+44.55	171.93	171.49		F 0 ⁵⁴
		169.95			
	1+11.34	169.85	169.50		F 0 ⁴⁵
		168.47			
	0+97.83	168.37	168.00		F 0 ⁴⁷
		166.62			
	0+59.56	166.52	166.30		F 0 ³²
		164.77			
	0+29.28	164.67	164.47		F 0 ³⁰
		162.92			
	0+00	162.82	162.71		F 0 ²¹

on stub 0+00 GB 279-P.17
 RT.

3-4-51
Hendrick
Allen
Bruner
Shepard
W/O # 20795

State²⁰ Storm Drain
Chamouné & Dwight
Dwg. 7428-L

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INDEXED

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1+36.00 EC Meet Ex 24" Conc			36.30	
1+20.30 BC	362	314.74	308.52	C9 ²² /
0+96.24	9.57	308.79	304.30	C4 ¹⁹ /
0+72.18	12.06	306.30	303.10	C3 ²⁰ /
0+48.12	13.69	304.67	301.90	C2 ²² /
0+24.06	14.62	303.74	300.70	C3 ⁰⁴ /
0+00 End Pipe	14.92	303.44	299.50	C3 ⁹⁴ /
T.P. 097	3836 ^	12.76	317.39	
B.M. 330.15			324.00	N.W.P. Chamouné & Dwight

3-4-51 State Storm Drain
Hendricks Landis & 40th to 438 Unit.
Allen
Shepard
Brumer Drig. 8685-L

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9

33+00	326.04	318.12	C792 /
33+35	326.47	317.72	C871 /
33+70	326.37	317.31	C906 /
34+05	326.24	316.91	C933 /
34+40	326.06	316.51	C955 /
34+74.69 BC	326.28	316.11	C104 /
#1	326.42	315.93	C1049 /
#2	326.33	315.75	C1058 /
35+21.81 EC	327.49	315.57	C1192 /
BM		327.62	on Hub 35+23.14 FB 2120 P.10
35+46.84			
35+71.87			
35+96.9 L		288.22	

Storm Drain Cont'd.

10

B.M.		336.97	NY/BP 41st Lands
(Cont'd P-14)		336.79 / 336.83	(FB2120 P. 9)
28+88.67 BC	336.47	322.86	C13 ⁶¹ ✓
# 1	336.59	322.65	C13 ⁹⁴ ✓
# 2	336.52	322.45	C14 ⁰⁷ ✓
# 3	335.97	322.25	C13 ⁷² ✓
29+59.26 EC	335.30	322.05	C13 ²⁵ ✓
29+85	333.94	321.75	C12 ¹⁹ ✓
30+20 T.P.	332.37	321.35	C11 ⁰³ ✓
30+55	330.73	320.94	C9 ¹⁹ ✓
30+90	329.31	320.54	C9 ⁷⁷ ✓
31+25	328.62	320.14	C8 ⁴⁸ ✓
31+60	328.10	319.73	C8 ³⁷ ✓
31+95	327.65	319.33	C8 ³² ✓
32+30	327.30	318.93	C8 ³⁷ ✓
32+65	327.10	318.52	C8 ⁵⁸ ✓

4-651
Hendricks
Allen
Shepard
Bruner
NO# 20661

State Drain and C Inlets
Chatsworth & Catalina
Orig. 8043-L

INDEXED

AUG 21 1951

Elev. Stake Elev. Grade

0+56.3 End 18" 188.45 184.56 C3⁸⁹

0+28.15 188.34 184.28 C4⁰⁶

0+00 Beg 18" 188.80 184.00 C4⁸⁰

0+24 End 24" 189.52 179.00 C10⁵²

0+00 Beg 24" 174.9 177.56 FL. F2.7

West } South 189.52 189.33 C1⁹

East } Inlet 189.72 189.31 C6¹

West } North 189.39 189.33 C0⁰⁵

East } side Inlet 189.31 (189.29)^{E4} meet.

T.P. 192.72

BM 201.61

NEBP Chatsworth & Catalina

7-6-51
Hendricks

State Cbs Chatsworth
& Catalina

Dwg. 8043-L

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AUG 21 1951

12
192-51
35

B.M.	Elev.	Elev.	Grade	Grade	Note
#	201.61 (20161)	201.61 (20161)	201.61 (20161)	201.61 (20161)	State Cbs & Catalina Elev.
#5	201.24	201.24			
#4	200.37	200.72			
#3	199.87	200.17			
#2	198.79	199.60			199.00 00.07
#1	197.81	199.04			198.08 97.83
15+80.72 PRC	197.81	198.48 ✓			97.14 ✓ 197.13 96.87
15+57.30	196.45	197.20			95.35 ✓ 195.44 95.14
15+33.88	195.50	195.91			
15+10.46	194.62	194.62			15107.04 93.55 93.40 ✓ 193.79 93.45 ✓
14+87.04	193.24	193.33 ✓			92.57 ✓ 92.47 ✓ 192.80 92.55 ✓
14+65.71	192.18	192.28			91.65 ✓ 192.01 91.74 ✓
14+54.53 BS.	191.70	191.80 ✓			91.27 ✓ 191.65 91.40 ✓
14+45	191.41	191.43			90.95 ✓ 191.35 91.10 ✓
14+25	190.72	190.78			90.36 ✓ 190.77 90.53 ✓
14+05	190.18	190.25			89.82 ✓ 190.24 89.99 ✓
13+85	189.77	189.83			89.40 ✓ 189.82 89.57 ✓
13+65	189.55	189.53			89.10 ✓ 189.52 89.27 ✓
13+45					88.92 ✓ 189.34 89.09 ✓
B.M.		201.61			NEBP Catalina & Chatsworth

Restake Rhoda Dr.

13

	Elev.	Grade	
2+31.85	189.57	189.20	C0 ³⁷
1+92.07	187.19	185.50 186.20	C0 ⁶⁹ ✓
1+72.01 EC	185.30	181.83 182.62	C3 ⁴⁷
#2	181.91	179.30 178.60	C2 ⁶¹
#1	177.22	175.85 176.43	C1 ³⁷
1+43.64 B/C	174.18	173.50 174.67	C0 ⁶⁸
1+23.64	174.40	171.40 172.40	C3 ⁰⁰
1+11.34	176.70	171.78	C4 ⁹²
0+87.83	177.30	170.30	
0+58.56	168.52	168.45	
0+29.28	165.79	166.60	
0+00	163.77	164.75	

	Elev.	Grade	
3+58.55	198.29	190.20 193.78	C8 ⁰⁹
3+28.60	196.23	187.30 188.90	C8 ⁹³ ✓
3+01.65	194.09	184.61 185.62	C9 ⁴⁸ ✓
2+74.70	190.25	181.87 182.40	C8 ²⁸ ✓
2+54.70 EC	181.20	180.00	C1 ²⁰ ✓
#5	181.37	178.80 178.63	C2 ⁵⁷
#4	180.54	177.62	C2 ⁹² ✓
#3	179.50	176.78	C2 ⁷³ ✓
#2	178.40	176.02	C2 ³⁸ ✓
#1	176.76	175.26 175.30	C1 ⁴⁶ ✓
1+85.47 B/C	175.06	174.60	C0 ⁴⁶ ✓
1+44.55	171.49	172.03	F0 ⁵⁴ ✓
1+11.34	169.54	169.95	F0 ⁴⁵ ✓
0+87.83	168.00	168.47	
0+58.56	166.30	166.62	
0+29.28	164.47	164.77	
0+00	162.71	163.71	

Storm Drain Cont'd from P-10

14

	<u>Elev.</u> <u>Start</u>	<u>Elev.</u> <u>Grade</u>	
24+00	335.54	327.75	C7 ⁷⁹
24+35	335.62	327.40	C8 ²²
24+70	335.66	327.05	C8 ⁶¹
25+05	335.84	326.70	C9 ¹⁴
25+40	336.00	326.35	C9 ⁶⁵
25+75	336.49	326.00	C9 ⁴⁹
26+10	336.15	325.65	C10 ⁵⁰
26+45	336.26	325.30	C10 ⁹⁶
26+80	336.38	324.95	C11 ⁴³
27+15	336.43	324.60	C11 ⁸³
27+50	336.57	324.25	C12 ³²
27+85	336.69	323.90	C12 ⁷⁹
28+20	336.30	323.55	C12 ⁸⁵
28+55	336.97	323.20	C13 ⁷⁷
28+88.67	336.47	322.86	C13 ⁶¹

Storm Drain Cont'd

15

Elev.
StakeElev.
Grade

Cont'd. R 21

	Elev. Stake	Elev. Grade	
TP.		340.91	
21+13.58 EC	339.60	330.61	C8 ⁹⁹
21+44.02	338.41	330.31	C8 ¹⁰
21+74.76	337.20	330.00	C7 ²⁰
22+04.90	335.95	329.70	C6 ²⁵
B.M.		335.48 (335.49)	NW RP 41st & Vrightman & Nail 22+35 ²⁴ BC (FB 2120 R9)
22+35 ²⁴ BC	335.50	329.40	C6 ¹⁰
#1	335.64	329.23	C6 ⁴¹
#2	335.39	329.05	C6 ³⁴
#3	334.70	328.87	C5 ⁸³
23+05.95 EC	334.11	328.69	C5 ⁴²
23+25	334.87	328.50	C6 ³⁷
23+65	335.34	328.10	C7 ²⁴

4-11-51
Hendricks
Allen
Shepard
Bruner
W/O # 20507

State Storm Drain
Block 69 City Hts
Dwg. 6895-L & 3248-B

305.00

16

INDEXED
AUG 21 1951

3+75	7.00	306.54 306.84	304.71	C1 ⁸³
3+40	5.69	307.85 308.15	305.82	C2 ⁰³
3+21.6 & Cleanout	5.11	308.43 308.73	306.41	C2 ⁰²
3+05	4.37	309.17 309.47	306.96	C2 ²¹
2+70	2.80	310.74 311.04	308.07	C2 ⁶⁷
2+36.94 EC	1.47	312.07 312.37	309.12	C2 ²⁵ - C2 ⁹⁸
2+25.55 TP 0.98	9.04	312.56 312.86	209.49	C2 ³⁷ - C2 ⁰⁷
2+14.17	9.09	312.51 312.91	309.85	C2 ⁹⁶ - C2 ⁶⁶
2+02.79 BC	7.69	313.91 314.21	310.21	C4 ⁰⁰ - C2 ⁷⁰
1+75	7.75	313.85 314.15	311.10	C2 ⁰⁸ - C2 ⁷⁵
1+40	7.36	314.24 314.54	312.21	C2 ³³ - C2 ⁰³
1+05	6.22	315.38 315.68	313.33	C2 ²⁵ - C2 ⁰⁵
0+70	5.14	316.46 316.76	314.44	C2 ³⁷ - C2 ⁰²
0+35	3.12	318.48 318.78	315.56	C3 ²² - C2 ⁹²
0+00	4.92	316.17 316.97	316.67	Mat.
TP 7.04	13.09	321.90 321.60	314.86	
TP 1.09	12.40	322.45 322.75	326.96	
BM 3+77	3.77	337.26 338.96	335.49	

313.84

321.90

(FB 1745 P. 24)
NWBP 41st & Nightman

Storm Drain Contd.

B.M.		2.92	(338.48)	338.49	N.W.B.P. 41st & Wightman
T.P. 13.29	338.40	0.96	325.11		
T.P. 12.56	326.07	0.33	313.51		

5+08.49	Reg. Ex. 24"	13.07	300.81	300.42	
4+96	Drop Inlet	9.88	303.66	300.84	C282
4+90.03	EC	9.97	303.57	301.03	C254
4+78.25		8.47	305.07	301.41	C366
4+66.47	BC	9.15	304.39	301.79	C260
4+45		9.12	304.42	302.48	C194
4+10		7.86	305.68	303.59	C209

313.84
 1

4-16-27

Stake Drains

Hendricks
Allen
Shepard
Brumer
MO# 20507

Landis & Wabash Blvd.

Dwg. 8685-L

Sta	Elev. stake	Elev. grade
-----	-------------	-------------

18

INDEFIN

AUG 21 1954

CK. FL. Ex 18"	304.73	304.75
----------------	--------	--------

0+40.28 End 18"	302.83	300.00
-----------------	--------	--------

0+20.14	294.24	294.11
---------	--------	--------

0+00 Beg 8"	289.00	288.22
-------------	--------	--------

0+47.25 meet Ex 36"	287.27	287.28
---------------------	--------	--------

0+23.62	288.82	287.75
---------	--------	--------

0+00 Beg 36"	289.21	288.22
--------------	--------	--------

35+96.90 End 30"	291.35	288.22
------------------	--------	--------

T.P.

~~296.25~~

35+71.87	303.28	297.34
----------	--------	--------

T.P.

313.08

35+46.84	314.91	306.46
----------	--------	--------

35+21.81 EG	(315.76)	315.57
-------------	----------	--------

T.P.	321.78	
------	--------	--

B17		327.10
-----	--	--------

C2⁸³ ✓C0²³ ✓C0¹⁸ ✓

FK Ex 36"

C1⁰⁷ ✓C0⁹⁹ ✓C3¹³ ✓C5⁹⁴ ✓C8⁴⁵ ✓

(30" as set.)

on Hail 6' PK. 32165 (P 10 this 18c)

423-51 Stake Co C6 Upas St
Hendricks from East line Arnold Easterly
Allen
Bruner
Telpelgoff

INDEXED

AUG 21 1951

19

0+60	beg Ex C6	378	264.21	264.55	Ex C6
0+40		455		262.44	
0+20		527		262.72	
0+00	End Ex C6 East line Arnold.			262.00	
Bm	5.99	267.99		262.00	Top Ex C6. 0+00
BTT				269.95	N.W.P.B. Arizona & Upas.

4-23-51
Hendricks
Allen
Bruner
Telpetgoff

State Rough Grades
Lex Ave.
Shiloh Road to S. th.

20

INDEXED

AUG 21 1951

K

	Elev. Stake Lt.	Elev Grade Lt.	Cutover/fill	Elev Stake R	Elev Grade	Cut	Elev Stake Rt.	Elev Grade R	C
5+05	332.28	335.94	F2 ⁶⁶	332.33	336.09	F2.71	334.68	336.44	1.76
4+70	338.42	339.44	F1 ⁰²	339.95	339.59	C0 ³⁶	341.42	339.94	C1 ⁴⁸
4+35	345.99	342.94	C2 ⁹⁵	346.70	343.09	C3 ⁶¹	348.75	343.44	C5 ³¹
4+00	TP. 247.62 349.12	346.44	C2 ⁶⁸	349.87	346.59	C3 ²⁸	350.52	346.94	3.58
3+80	351.21	348.27	C2 ⁹⁴	351.12	348.42	C2 ⁷⁰	351.67	348.77	C2 ⁹⁰
3+60	351.90	349.77	C2 ¹³	352.08	349.92	C2 ¹⁶	353.46	350.27	C3 ¹⁹
3+40	352.37	350.93	C1 ⁴⁴	352.79	351.09	C1 ⁷¹	353.69	351.43	C2 ²⁶
3+20	352.66	351.76	C0 ⁹⁰	353.15	351.91	C1 ²⁴	354.20	352.26	C1 ⁹⁴
3+00	352.60	352.25	C0 ³⁵	353.23	352.40	C0 ⁸³	354.47	352.75	C1 ⁷²
2+80	352.56	352.40	C0 ¹⁶	353.06	352.55	C0 ⁵¹	354.18	352.90	C1 ²⁸

B17

354.55

EF WALK 20.9 Rt 3+15
(FB 2127 P 29)

4-24-57 Farm Drain Cont'd from P15

Hendricks
Allen
Shepard
Brunel
210#

4364m

INDEVER

AUG 21 1951

16+75		346.78	339.00	C7 ²⁸
17+00 BVC		347.71	337.72	C9 ⁹⁹
17+35.72 L.	TT	346.78	340.55	C5 ³²
17+59.52 L.	TT	336.55	333.56	C2 ⁹⁹ /
17+72.2 L Cleanout #5	ENC 33" Beg in	333.90	332.67	C0 ²³ /
17+90		332.81	332.76	C0 ⁰⁵ /
18+25		332.58	332.48	C0 ¹⁰ /
18+60		334.55	332.30	C2 ²⁵ /
18+95	TT	335.79	332.13	C3 ⁶⁶ /
19+30		338.56	331.95	C6 ⁶¹ /
19+65		340.67	331.79	C 8.89 /
20+00		342.89	331.60	C11 ²⁹ /
20+42.95 BC	Beg 33" ENC 30"	341.28	331.32	C9 ⁹⁶ /
#1		341.43	331.15	C10 ²⁸ /
#2		340.74	330.97	C9.77 /
#3		339.74	330.79	C8 ⁹⁵ /
21+13.58 EC.			330.61	

(Cont'd from P15)

TT

340.90

Storm Drain Contd.

22

Bm			353.37	(on Nail 13+62.55 FB 2120 (26))
13+67.05 Equa.	End 24"		344.40	
13+76.39	Beg. 30"		343.90	
14+00		353.13	343.63	C 9 ⁷⁰
14+28.02 L. S. King Univ.	353.04		343.31	C 9 ⁷³
14+51.82 K1		353.13	343.03	C 10 ¹⁰
14+85		352.62	342.65	C 9 ⁹⁷
15+25		351.76	342.18	C 9 ⁵⁸
15+55		351.50	341.83	C 9 ⁶⁷
16+00 BVC		349.07	341.31	C 7 ⁷⁶
16+25		348.91	340.80	C 8 ¹¹
16+50		347.35	340.00	C 7 ³⁵

4-25-27 State Cbs Westside
 Hendricks San Elijo from
 Allen N Line Kellog to 75' North
 Shepard
 Bruner
 W 02 20007

Transferred to
 B-27

0475	62.50	
0480	62.34	
0425	62.17	
0400 N. Line Kellog st	62.00	Ex. Cb.

4-25-51 Stake Storm Drain
Hendricks Lots 687 Block 126
Allen
Shepard
Bruner
NO# 20800

Villa Terrace
Dwg. 4230 B

INDEXED

AUG 21 1951

24

1+72 meet Ex.

271.20

1+56

260.00

1+36.5

1+07.4

0+82.5

0+58.0

0+32.5

0+06.5

261.78

0+00 ft. EX PIPE

Stake 15" Con. Pipe
Alley Block 42
City Hts.
Dwg. 8684 L

25

INDEXED

AUG 21 1951

14+2802 SL4mm	352.97	343.31	C965	
14+0202	353.24	343.61	C964	
$\frac{13+6705}{13+7639}$ UNK. Sta.	353.32	343.90	C942	30"
1+98 = 2 Cleanout No. 4	353.35	345.00	C823	15"
1+70	353.44	345.33	C811	
1+32	353.15	345.67	C748	
0+99	352.55	346.00	C655	
0+66	351.63	346.33	C530	/
0+33	350.83	346.67	C416	/
0+00	350.20	347.00	C320	/

State Storm Drain
 Univ Ave
 43rd to 45th

INDEXED

AUG 21 1951

BM		353.79		NEGLECT Univ. & Hist
18+53.79		35387	345.69	C8 ¹⁸
15+42.79 EC		35379	345.57	C8 ²²
15+29.51 Recurr		353.55	345.42	C8 ¹²
15+16.23 BC		35364	345.30	C8 ³⁴
14+76.77		35362	344.90	C8 ⁷²
14+41.81		35350	344.55	C8 ⁹⁵
14+06.55		35335	344.20	C9 ¹⁵
13+76.39			352.63	
13+67.05 Equa			344.40	HWBP Univ. & Marlboroughs
13+35		35339	344.53	C8 ⁸⁶
13+00		35325	344.67	C8.58
12+65		35302	344.81	C8.21
12+30		35294	344.95	C7 ⁹⁹
12+17.95 & Cleant #3		35300	345.00	C8 ⁰⁰
11+85		35328	345.12	C8 ¹⁴
11+50		35351	345.26	C8 ²⁵
11+15		35379	345.40	C8 ³⁹
10+80		35417	345.54	C8 ⁶³

Storm Drain
43rd. & Union Cont'd

INDEXED
AUG 21 1951

5+45		358.18	350.58 349.66	C7 ⁴⁰ C8 ⁸² /
5+80		358.06	350.49 349.52	C7 ⁵⁷ C8 ⁸² /
6+05 Brk		350.44	350.44	
6+15		357.90	349.38	C8 ⁵³ /
6+50		357.79	349.24	C8 ⁵² /
6+85		357.64	349.10	C8 ⁵⁴ /
7+00 Brk		357.61	349.03	C8 ⁵⁸ -
7+20		357.50	348.88	C8 ⁶²
7+55		357.40	348.62	C8 ⁷⁵
7+90		357.27	348.36	C8 ⁹¹ /
8+25	?	357.01	348.10	C8 ⁹¹ /
8+37.53	Clearout #2	356.88	348.00	C8 ⁸⁸
8+70		356.47	347.53	C8 ⁹⁴ /
9+05		356.08	347.01	C9 ⁰⁷ /
9+40		355.72	346.49	C9 ²³ /
9+75 Brk.		355.33	345.97	C9 ³⁶ /
10+10		354.93	345.82	C9 ⁴¹ /
10+45		354.57	345.68	8.89 /

0+54.03 Beg 18"

358.98 351.92
351.62

cut ✓ offset
C706 ✓
C736 ✓ 4.511

0+65.74 BC

358.74 351.89
351.59

C683 ✓
C712 ✓

0+79.06 E Curve

T.P

359.08 351.86
351.53

C725 ✓
C739 ✓

0+92.34 EC

359.25 351.82
351.48

C727 ✓
C745 ✓

1+25

359.18 351.73
351.35

C748 ✓
C782 ✓

1+60

359.07 351.63
351.21

C744 ✓
C786 ✓

1+95

359.02 351.53
351.07

C789 ✓
C795 ✓

2+30

358.99 351.43
350.93

C756 ✓
C802 ✓

2+65

358.94 351.33
350.79

C761 ✓
C815 ✓

3+00

358.90 351.24
350.65

C765 ✓
C819 ✓

3+35

358.86 351.15
350.57

C771 ✓
C825 ✓

3+70

358.90 351.05
350.37

C783 ✓
C831 ✓

4+05

358.86 350.96
350.23

C789 ✓
C837 ✓

4+40

T.P

358.63 350.86
350.08

C795 ✓
C843 ✓

4+57.70 Clearance #1

358.48 350.82
350.00

C799 ✓
C849 ✓

4+75

358.42 350.77
349.94

C805 ✓
C855 ✓

5+10

358.32 350.68
349.80

C811 ✓
C861 ✓

5-8-51 Stake Cbs 41st & Nighthman

Hendricks
Allen
Shepard
Bruner
W 02 20507

Dwg. 6895-L

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INDEXED

AUG 21 1951

Elev. Stake Elev. Grade

		Elev. Grade			Elev. Stake	Elev. Grade	
EC 41st.	} S.F. Cor.	335.34	335.34	Meet. to Cb			
#3		335.92	335.20	CO 72			
#2		335.55	335.18	CO 37			
#1		335.38	335.22	CO 16	1+09	55.83	335.54 Meet 335.85 Ec Cb 335.51
1+32 = P.C. BC Nighthman		335.37	335.37	1 meet.	0+81.75	5.65	335.82 FO.17
1+03		38.69	38.63	CO.05	0+54.50	5.39	335.79 FO.40
0+74	} 2nd Cor.	37.83	38.04	FO.21	0+27.25	5.44	335.76 FO.32
0+50		37.40	37.56	FO.16	0+00 EC 41st	5.57	335.73 FO.16
0+25		36.53	37.05	FO.52	#3	335.71	335.78
0+00 = P.C. Nighthman		35.90	36.54	FO.64	#2	335.40	335.42 CO 57
#1		36.42	335.97	FO.67	#1	335.97	335.42
#2	C 871 FL = 26.50	335.21	335.97	FO 76	0+00 BC on Nighthman	35.90	335.40
#3		335.22	336.07	FO 85	0+25	35.96	335.40
0+00 EC on 41st		335.77	336.23	FO 46	0+50	36.19	335.40
0+17		336.65	337.00	Meet. Ec Cb	0+74	37.18	335.40
M.H. in \pm - 18" to N.		35.48	25.80	C 9.68	1+03	37.86	335.40
24" To S.			27.80	C 7.68	1+32 = P.C. 2' Pacl. Ret. at Alley	Meet.	38.40
B 17		335.19			NW. BP 41st & Nighthman (F B 1745 P-24)		

5-8-51
Hendricks

Stack Co Rets
41st & Univ.
Drwg. 6894-L

INDEXED
AUG 21 1951

0153.5	353.67	347.00	CC ⁶⁹
0126.5	354.04	347.47	CC ⁵¹
0100 West	353.97	347.95	CC ⁰²

Drain across 41st N side Univ

EC Univ.	353.53	353.53	Meal Ex
#3 #3 #1 #2 #2 #1	353.67		FO ⁰⁵
	353.61	353.72	FO ¹¹
	353.78	353.79	CO ⁰¹
	353.74	353.79	FO ⁰²
	353.75	353.80	FO ⁰⁵
	353.87	353.80	CO ⁰⁷
BC 41st	353.64	353.63	Ex Cb.

EC Univ.	353.29	353.29	Ex Cb
#3 #2 #1	353.02		CO ⁰⁵
	353.44	353.37	CO ⁰⁷
	353.47		FO ⁰²
	353.45	353.50	FO ⁰⁵
	353.58		CO ¹³
	353.57	353.37	CO ²⁰
BC 41st	353.22	353.24	Ex Cb

EC Univ.	353.85	353.85	Ex Cb
#3 #2 #1	353.95		CO ⁰¹
	353.93	353.94	FO ⁰⁴
	354.04		CO ⁰⁹
	354.00	353.95	CO ⁰²
	354.08		CO ¹²
	354.04	353.96	CO ⁰⁸
BC 41st	353.94	353.94	Ex Cb.

EC Univ.	353.62	353.60	Ex Cb
#3 #2 #1	353.67		CO ⁰¹
	353.73	353.66	CO ⁰⁷
	353.74		CO ⁰¹
	353.75	353.73	CO ⁰²
	353.78		CO ⁰⁶
	353.77	353.72	CO ⁰¹
BC 41st	353.65	353.63	Ex Cb.

B.7

353.79

NEC LET 41st & Univ.

5-9-51
Hendricks
Aiken
Shepard
Brumer
Wot# 62218

State obs. Riley st
Kurtz to Hancock

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INDEXED

AUG 21 1951

1450 Endc6	2.44	2.94	FO ⁵⁰
1425	2.32	2.82	FO ⁵⁰
1400	2.44	2.71	FO ²⁷
0175	2.21	2.59	FO ²⁸
0150	2.14	2.48	FO ³⁴
0125	1.46	2.36	FO ⁹⁰
0100 EC Riley	2.15	2.25	FO ¹⁰
BC Kurtz	2.06	2.08	Ex ch

B17

1.84

RR spec in of Kurtz & Riley
(FB 2078 P-35)

5-9-51

Hendricks
Allen
Shepard
BrumerState Cb. Rets
Univ. & Marlborough
Dwg 6894-L

INDEXED

32

AUG 21 1951

15" Drain across Marlborough
N side Univ

0+52 End 15"	35221	34550	CC ²¹
0+26 R	35225	34636	CC ⁸⁹
0+00 Beg. 15"	35220	34723	CS ⁹⁷

EC Univ.	35239	35239	Ex Cb
#3	35252		CO ⁰²
	35254	35280	CO ⁰⁴
	35259		CO ⁰³
#2	35255	35256	CO ⁰²
	35282		CO ¹⁹
#1	35280	35263	CO ¹⁷
BC Marlborough	35264	35264	Ex Cb

N.W.

EC Univ.	35302	35304	Ex Cb
#3	35316		FO ⁰⁹
	35314	35325	FO ¹⁴
#2	35322		FO ⁰¹
	35324	35323	CO ⁰¹
#1	35320		CO ⁰⁷
	35328	35323	CO ⁰⁵
BC Marlborough	35312		FO ¹⁴
	35294	35323	FO ²⁹

N.E.

EC Univ.	35198	35201	Ex Cb
#3	35222		CO ⁰⁸
	35217	35213	CO ⁰⁴
#2	35226		CO ⁰⁴
	35215	35222	FO ⁰⁴
#1	35224		CO ⁰⁷
	35219	35217	CO ⁰²
BC Marlborough	35196	35197	Ex Cb

S.W.

EC Univ.	35291	35290	Ex Cb
#3	35305		CO ⁰⁴
	35298	35291	CO ⁰⁷
#2	35297		CO ⁰⁴
	35299	35293	CO ⁰⁶
#1	35303		CO ⁰²
	35299	35282	CO ⁰⁷
BC Marlborough	35272	35272	Ex Cb

S.E.

BM.

State Co. Rets

42nd & Univ.

Dwg.

INDEXED

AUG 21 1951

0153	356.71	348.50	C824
0126	357.19	349.78	C74
0100	357.01	351.07	C5 ⁹⁴

Inlet 5 to 6
15" Drain across 42nd.

EC Univ.	} NW.	356.44	356.43	Exc 6	EC Univ.	} NE.	357.07	357.07	Exc 6
#3		356.60	356.50	CO ¹⁰	#3		357.03	357.07	FO ⁰⁴
#2		356.71	356.57	CO ¹⁴	#2		357.04	357.07	FO ⁰³
#1		356.77	356.63	CO ¹⁴	#1		357.06	357.07	FO ⁰¹
BC 42nd.		356.79	356.70	CO ⁰⁹	BC 42nd.		357.07	357.07	Exc 6

EC Univ.	} SW.	356.20	356.20	Exc 6	EC Univ.	} SE.	356.72	356.71	Exc 6
#3		356.38	356.24	CO ¹⁴	#3		356.79	356.63	CO ¹⁶
#2		356.45	356.28	CO ¹⁷	#2		356.79	356.54	CO ²⁵
#1		356.41	356.32	CO ⁰⁹	#1		356.66	356.46	CO ²⁰
BC 42nd.		356.09	356.35	FO ²⁶	BC 42nd.		356.38	356.37	Exc 6

357.66 = Cut on Base Light Sta. N.E. Cor.

BM

357.14 Top Inlet. NE Cor 42nd & Univ.
FB 2120 P. 14

5-11-51
 Hendricks
 Allen
 Bruner
 Ho# 31384

State Alley
 Block 6 City Hts.
 Annex #2
 Dwg. 7755-L

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	Elev. State Lt.	Elev. Grade Lt.	Cut or fill Lt.	offset	Elev. State Lt.	Elev. Gr. Rt.	Cut or fill Rt.	offset
2+90	341.4	340.18	C1.42	0.32 in. H	340.56	340.18	CO ³⁸	2'
2+55	340.88	340.04	CO ⁸⁴	2'	340.36	340.04	CO ³²	2'
2+20 E.V.C.	340.93	339.90	C1 ⁰³	2'	340.50	339.90	CO ⁶⁰	2'
2+00	340.56	339.77	CO ⁷⁹	2'	341.29	339.77	C1 ⁵¹	0.25 inside
1+80	340.80 341.58	339.56	C2 ⁰²	0.12 in.	341.58	339.56	C2 ⁰²	0.48 inside
1+60	339.91	339.26	CO ⁶⁵	2'	339.55	339.26	CO ²⁹	2'
1+40	339.60	338.85	CO ⁷⁵	2'	339.26	338.85	CO ⁴¹	2'
1+20	340.25	338.37	C1 ⁸⁸	0.50' BK	338.76	338.37	CO ³⁹	2'
1+00	338.80	338.02	CO ⁷⁸	2'	338.36	338.02	CO ³⁴	2'
0+80	339.11	337.61	C1 ⁵⁰	0.50 back	338.15	337.61	CO ⁵⁴	2'
0+60	338.86	337.08	C1 ⁷⁸	0.43' BK	337.82	337.08	CO ⁷⁴	2'
0+40	337.64	336.46	C1 ¹⁸	2'	336.44	336.46	FO ⁰³	2'
0+20	337.09	335.77	C1 ³²	2'	334.88	335.77	FO ⁸⁹	2'
0+10	336.97	335.40	C1 ⁵⁷	2'	335.51	335.40	CO ¹¹	3'
0+00 N. Line Myrtle		334.80				335.00		
B.M.			336.24	SW 1/4 T. 1 E. T. Myrtle & Highland.				

Alley Block 6
City H^{ts}. Annex #2 Cont'd

	Elev. Stake Lt.	Elev. Gr. Lt.	Cut or fill Rt.	Offset.		Elev. Stake Lt.	Elev. Gr. Lt.	Cut or fill Rt.	Offset.
6+01 1/2 SL DWIGHT	344.86	344.85				344.89	344.83		
5+80	344.46	344.70	FO ²⁴	2'		345.15	344.70	CO ⁴⁵	2'
5+50	344.11	343.95	CO ¹⁶	3'		344.54	343.95	CO ⁵⁹	2'
5+15	344.75	343.07	CI ⁶⁸	0.22		342.53	343.07	CO ⁴⁶	2'
4+80 <u>TP</u>	343.24 342.62	342.20	CO ⁴²	2'		342.92	342.20	CO ⁷²	2'
4+60	342.08	341.73	CI ³⁵	2'		342.68	341.73	CO ⁹⁵	2'
4+40	341.51	341.24	CO ²⁷	2'		343.03	341.24	CI ⁷⁹	2'
4+20	341.22	341.01	CO ²¹	2		342.36	341.01	CI ³⁵	2'
4+00	342.21	340.76	CI ²⁵	2'		342.31	340.76	CI ⁵⁵	2'
3+85 Water Service Rt.									
3+80	341.40	340.57	CO ⁸³	2'		341.88	340.57	CI ³¹	2'
3+60	340.81	340.46	CO ³⁵	0.40'		341.79	340.46	CI ³³	2'
3+25	340.70	340.32	CO ³⁸	2'		341.77	340.32	CI ⁴⁵	2'
3+20 Water Service Rt.						341.91			

5-11-51
Hendricks
Allen
Bruner
W/O# 31384

State Alley
Block 11 City Hts
Annex #1

18M NY 17 L&T Landis E Highland

36
353.52 352.59

Dwg. 7756-2

6+00.3	slane Landis	353.14	353.10	
5+60.3		354.80	352.90	C1 ⁹⁰ ✓
5+10.3		353.57	352.42	C1 ¹⁵ ✓
4+60.3		352.36	351.92	CO ⁴³ ✓
4+10.3		351.47	351.44	CO ⁰³ ✓
3+60.3	T.P.	350.77	350.95	CO ⁷⁶ ✓
3+10.3		350.86	350.47	CO ³⁹ ✓
2+60.3		349.65	349.98	FO ³² ✓
2+40.3		349.63	349.77	FO ¹⁴ ✓
2+20.3		349.19	349.51	FO ³² ✓
2+00.3		349.34	349.23	CO ¹¹ ✓
1+80.3		348.87	348.91	FO ⁰⁴ ✓
1+60.30		348.37	348.54	FO ¹⁷ ✓
1+40.3		349.50	348.14	C1 ³⁶ ✓
1+03.14		348.61	347.36	C1 ²⁵ ✓
0+65.97		346.50	346.58	FO ⁰⁸ ✓
0+28.80	T.P.	346.50	345.80	CO ⁷⁰ ✓
0+00	N Line DWIGHT	345.20	345.20	

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353.02	353.10	
353.31	353.20	CO ¹¹ ✓ 2'
353.71	352.72	CO ⁹⁹ ✓ 3'
353.36	352.23	C1 ¹³ ✓ 3'
352.26	351.74	CO ⁵² ✓ 2'
353.01	351.25	C1 ⁷⁶ ✓ 0.50
351.96	350.77	C1 ¹⁹ ✓ 2'
350.77	350.28	CO ⁴⁹ ✓ 2'
350.51	350.07	CO ⁴⁴ ✓ 4'
350.18	349.81	CO ³⁷ ✓ 2'
349.90	349.53	CO ³⁷ ✓ 2
349.72	349.21	CO ⁵⁹ ✓ 3'
349.67	348.84	CO ⁸² ✓ 3'
349.28	348.44	CO ⁸⁴ ✓ 2'
348.00	347.66	CO ³⁴ ✓ 2"
347.50	346.88	CO ⁶³ ✓ 2'
346.63	346.10	CO ⁵³ ✓ 2'
	345.50	

Stake 90' Sewer
 Myrtle & Wilshire Terrace
 DWG 2504 L

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5'

0+90

0+00
 Ex MH #2

Wilshire Terr
 0
 Ex

0+90 DE	325	263.11	254.2	C 89	
0+65 T.P. 1051	266.36	388	255.85	246.46	C 939
0+40 T.P. 1241	257.12	079	247.32	238.73	C 859
0+15 Bxk	9.11	239.00	231.00	C 800	
Ex MH #2	1232	235.79	230.45	C 534	
0+00 & Myrtle & Wilshire Terrace			231.00	FL Ex MH	

B.M. 1711 248.11

231.00

FL MH #2 DWG 2504 L
 Florida

Myrtle 190'

Ex MH

5'

5-14-51 State Alley Block 175
 Hendricks
 Allen
 Bruner
 Wood
 WO# 31796

San Diego Land & Town Co.

Dwg. 8109-L

Elev. Stake Elev. Grade Fill Cut or

	Elev. Stake	Elev. Grade	Fill	Cut or
3+70 Sewer Lateral #1	70.69	65.00	C5.69	
3+60	70.57	70.29	C0.28	2'
3+40	70.56	70.18	C0.38	2'
3+20	70.09	69.95	C0.14	2'
3+00	70.94	69.60	C1.34	0.17 inside
2+80	68.76	69.12	FO.36	0.50' BK
2+60	68.32	68.65	FO.33	2' BK
2+40	68.18	68.35	FO.17	0.50' BK
2+20 T.P. sewer Lateral #2	68.12	63.00	C5.12	
2+20	68.23	68.21	C0.02	0.50'
1+80	67.91	68.09	FO.18	2' BK
1+40	68.58	67.97	C0.61	0.40' BK
1+00	67.31	67.85	FO.54	0.50' BK
0+60	67.52	67.73	FO.21	0.46' BK
0+20	67.90	67.61	C0.29	0.50' BK
0+00 W Line Sampson		67.53		

B.M. out.

67.26

64.49

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R+

39

Elev. Stake Elevation Grade Fill Cut or offset

offset	Elev. Stake	Elevation	Grade	Fill	Cut or	offset
2'	71.55	70.27	C1.28		0.44'	
2'	70.96	70.13	C0.83		2'	
2'	71.39	69.86	C1.53		0.27' BK	
0.17 inside	71.46	69.46	C2.00		0.73' BK	
0.50' BK	70.33	68.92	C0.41		2' BK	
2' BK	69.07	68.40	C0.67		2' BK	
0.50' BK	68.76	68.06	C0.70		0.11 inside	
0.50'	68.64	67.91	C0.73		0.37 inside	
2' BK	67.85	67.79	C0.06		2'	
0.40' BK	68.83	67.67	C1.16		0.13' BK	
0.50' BK	67.89	67.55	C0.34		0.50' BK	
0.46' BK	68.08	67.43	FO.65		2' BK	
0.50' BK	68.01	67.31	C0.70		0.50' BK	
		67.74				

Rim m. H. 0+00 (FB 2038 P. 33)

NERP Logan & Sampson

Alley Block 175
S. D. Land & Town Co. Contd.
Lt.

39

Rt.

	Elev. Stake	Elev. Grade	Cut or Fill	offset	Elev. Stake	Elev. Grade	Cut or Fill	offset
CL Top C6 6+00? Rt		(67.55)	67.55	(FB 2039 P-38)				
6+00-7 Elms Evans		66.50				66.81		2'
5+80	68.07	67.37	CO ⁷⁰ ✓	2'	68.34	67.48	CO ⁸⁶ ✓	2'
5+60	68.39	68.04	CO ³⁵ ✓	2'	68.78	68.11	CO ⁶⁷ ✓	2'
5+40	68.78	68.53	CO ²⁵ ✓	2'	69.26	68.55	CO ⁷¹ ✓	2'
5+20	68.97	68.84	CO ³¹ ✓	2'	69.90	68.84	CO ⁰⁶ ✓	2'
4+80	69.37	69.26	CO ¹¹ ✓	2'	70.27	69.26	CO ⁰¹ ✓	2'
4+60	69.64	69.68	FO ⁰⁴ ✓	2'	70.22	69.68	CO ⁵⁴ ✓	2'
4+00	70.31	70.11	CO ²⁰ ✓	2'	71.12	70.11	CO ⁰¹ ✓	2'
3+80	70.71	70.26	CO ⁴⁵ ✓	2'	71.73	70.25	CO ⁴⁸ ✓	0.65' BL

5-16-51
Hendricks
Allen
Bruner
Wof #62151

Stake Sewer
Harbison Ave & Amherst St
in La Mesa Colony
Dwg 8764-4

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Elev. Stake Elev. Grade Cut offset

CK FLE + MH (451.28)

3+35 meet E + M H.	457.88	457.23 FLE + MH	C6 ⁶⁰	6' RT
3+06	458.47	451.75	C6 ⁷²	"
2+77	459.20	452.27	C6 ⁹³	"
2+48	459.94	452.80	C7 ¹⁴	"
2+19 TP.	460.44	453.32	C7 ¹³	"
1+90 MH #1 & 25' 34' R.	461.04	453.85	C7 ¹⁹	6' 95' on Bisector
1+52	462.20	454.54	C7 ⁶⁶	6' RT
1+14	463.74	455.23	C8 ⁵¹	"
0+76	465.47	455.92	C9 ⁵⁵	"
0+38 TP. 467.94	466.95	456.61	C10 ³⁴	"
0+00 going south MH #2	468.52	457.29	C11 ²³	"

BM

480.35

SWBP El Cajon C-73rd. St.

Series Cont'd from P. 40

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	Elev. Stake	Elev. Grade	Cut	offset
1+12 DE.	46416	460.78	C3 ²⁸	6' Lt
0+84	46481	460.58	C4 ²² /	"
0+86	46778	460.39	C7 ³⁹ /	"
0+28	47007	460.19	C9 ⁸⁸ /	"
0+00 MH #3 going South	47113	460.00	C11 ¹³ /	"
2+02 DE	47140	460.76	C10 ⁶⁶ /	6' Lt.
1+76	47165	460.38	C11 ²⁷ /	"
1+50 MH #3	47247	460.00	C12 ⁴⁷ /	"
1+25	47242	459.54	C12 ⁸⁸ /	"
1+00	47126	459.09	C12 ¹⁷ /	"
0+75	47072	458.64	C12 ⁰³ /	"
0+50	46919	458.19	C11 ⁰⁰ /	"
0+25	46870	457.74	C10 ⁹⁶ /	"
0+00 MH #2 going East	46887	457.29	C11 ⁵⁸ /	"

5.22-51 Stake Cb Rets
 Hendrick Van Dyke & Univ.
 Smith
 Allen
 Telpelgoff
 Bruner
 No. 2057

Dwg. 8686-L & 8683-L

INDEXED

AUG 21 1951

15" Drain Across Van Dyke
 inlet 3 to 4

0+52 End 15" East 358.25 350.50 0775

0+26 358.79 351.62 0713

0+00 Beg 15" East 358.70 352.74 0596

EC Univ.	} NW	358.09	358.11	EXCH	EC Univ.	} NE	358.61	358.64	EXCH
#3		358.24	358.12	CO ¹³	#3		358.79	358.68	CO ¹⁴
#2		358.31	358.12	CO ¹⁹	#2		358.90	358.72	CO ¹⁸
#1		358.45	358.13	CO ³²	#1		358.90	358.76	CO ¹⁴
BC Van Dyke		358.14	358.14	EXCH	BC Van Dyke		358.80	358.80	EXCH

EC Univ.	} SW	357.67	357.64	EXCH	EC Univ.	} SE	358.05	358.06	EXCH
#3		357.74	357.67	CO ⁰⁷	#3		358.23	358.09	CO ¹⁴
#2		357.78	357.66	CO ¹²	#2		358.22	358.12	CO ¹²
#1		357.90	357.64	CO ²⁶	#1		358.29	358.15	CO ¹⁷
BC Van Dyke		357.62	357.63	EXCH	BC Van Dyke		358.22	358.19	EXCH

BM

358.35

361.87

NW 7x6' L&T Van Dyke & Univ.

N.W. C + G Plug in Bldg.

522-51 Stake Co Rets
 Hendrick 43rd & Univ.
 Dwg 8683-864

INDEXED

AUG 21 1951

15" Drain across 43rd.
 Inlet 1 to 2

0+52 West	35893	35192	C7 ⁰¹
		35162	C7 ²¹
0+26	35926	35244	C6 ⁸⁵
		35229	C6 ⁷⁷
0+00 East	35895	35297	C5 ⁹⁸

EC Univ.	35884	35886	Exc.
#3	35894	35889	CO ⁰⁵
#2	35898	35892	CO ⁰⁶
#1	35901	35895	CO ⁰⁶
BC 43rd.	35897	35898	Exc.

N.W.

EC Univ.	35898	35897	Exc.
#3	35918	35897	CO ²¹
#2	35915	35898	CO ¹⁷
#1	35918	35898	CO ²⁰
BC 43rd.	35896	35899	Exc.

N.E.

EC Univ.	35846	35845	Exc.
#3	35842	35846	FO ⁰⁴
#2	35855	35847	CO ⁰⁸
#1	35853	35848	CO ⁰⁵
BC 43rd.	35850	35849	Exc.

S.W.

EC Univ.	35876	35875	Exc.
#3	35880	35882	FO ⁰³
#2	35885	35894	FO ⁰⁵
#1	35897	35897	CO ⁰⁰
BC 43rd.	35904	35904	Exc.

S.E.

BM 359.19
 359.24

NE 7x6 L&T 43rd & Univ.
 - R.P. Cross on 43rd - NE Cor.

S-25-51
Hendricks
110th 20473

Stake Cbs.
Fire Sta. #5
9th & Univ

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INDEXED

AUG 21 1951

Elev
Stake

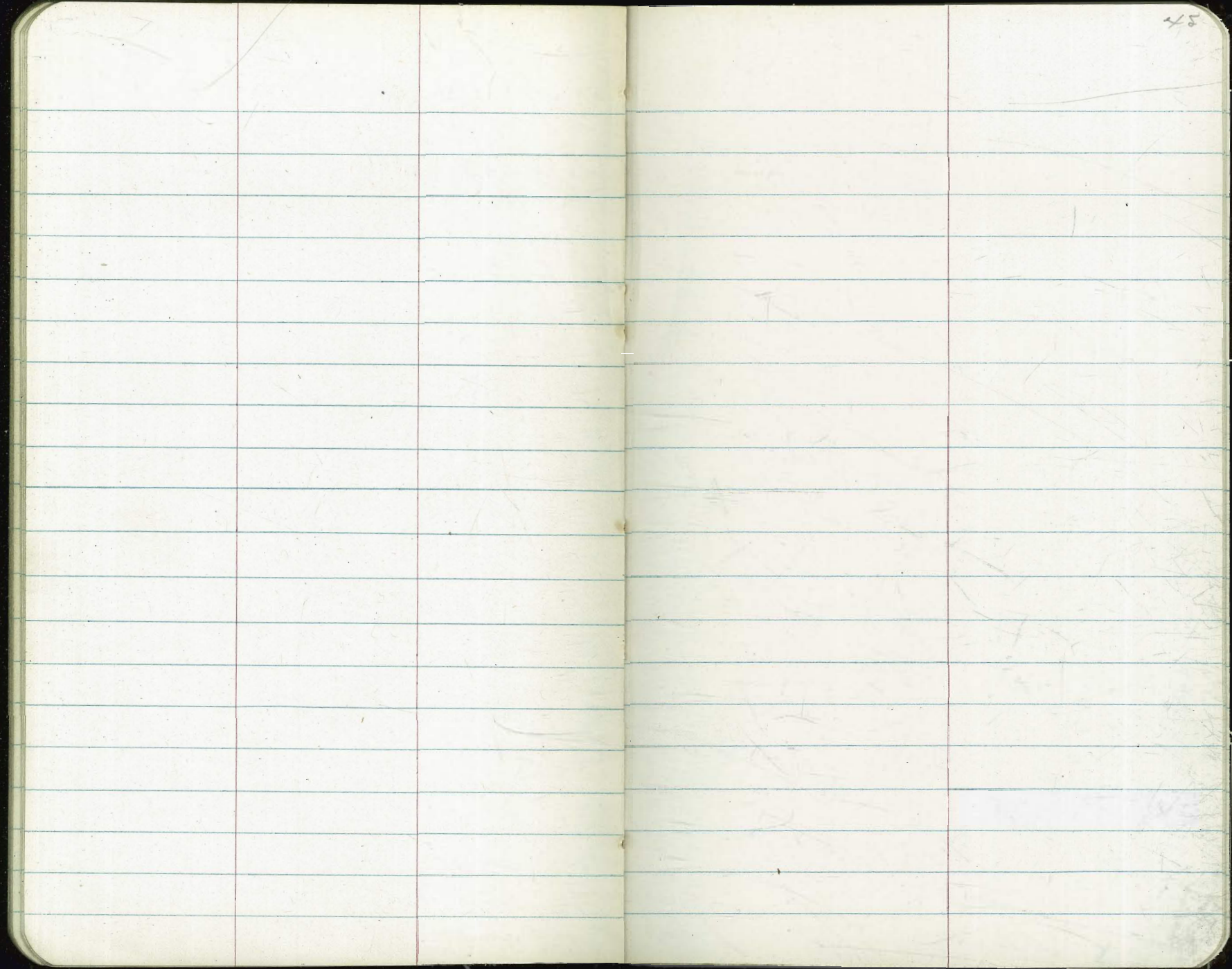
	4.87	283.54		
40' South of So. Line Alley			283.92	FO ²⁸
	4.78	283.63		
23' South of So. Line Alley			283.84	FO ²⁵

PK			283.84	meat
421	4.85	283.56	283.79	FO ²³
EC Univ	4.88	283.56	283.74	FO ¹⁸
H1	4.94	283.47	283.73	FO ²⁶
BC 9th Ave	4.71	283.70	283.73	

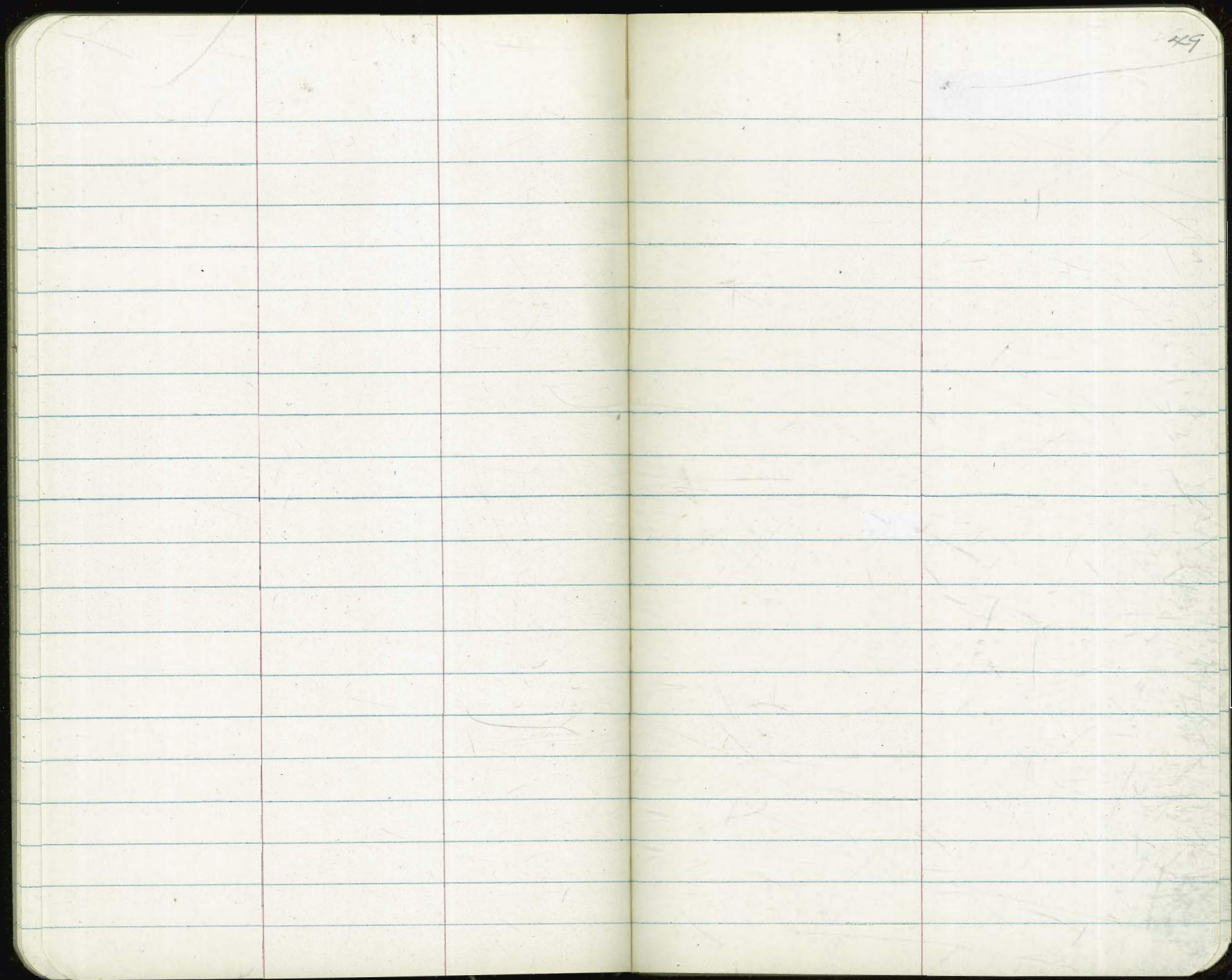
BM. 457 288.41
↑

283.84

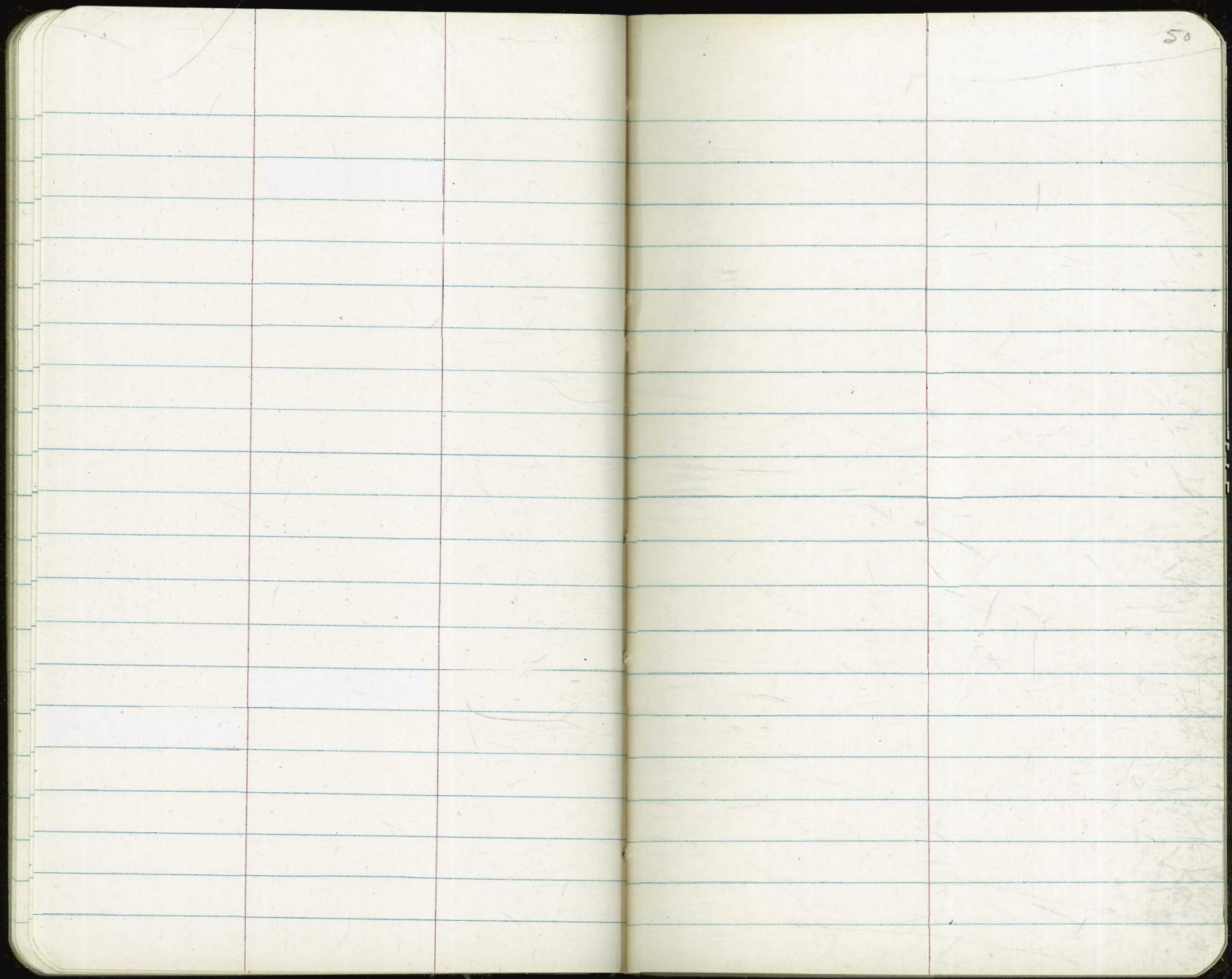
Check H.P.L. on Univ

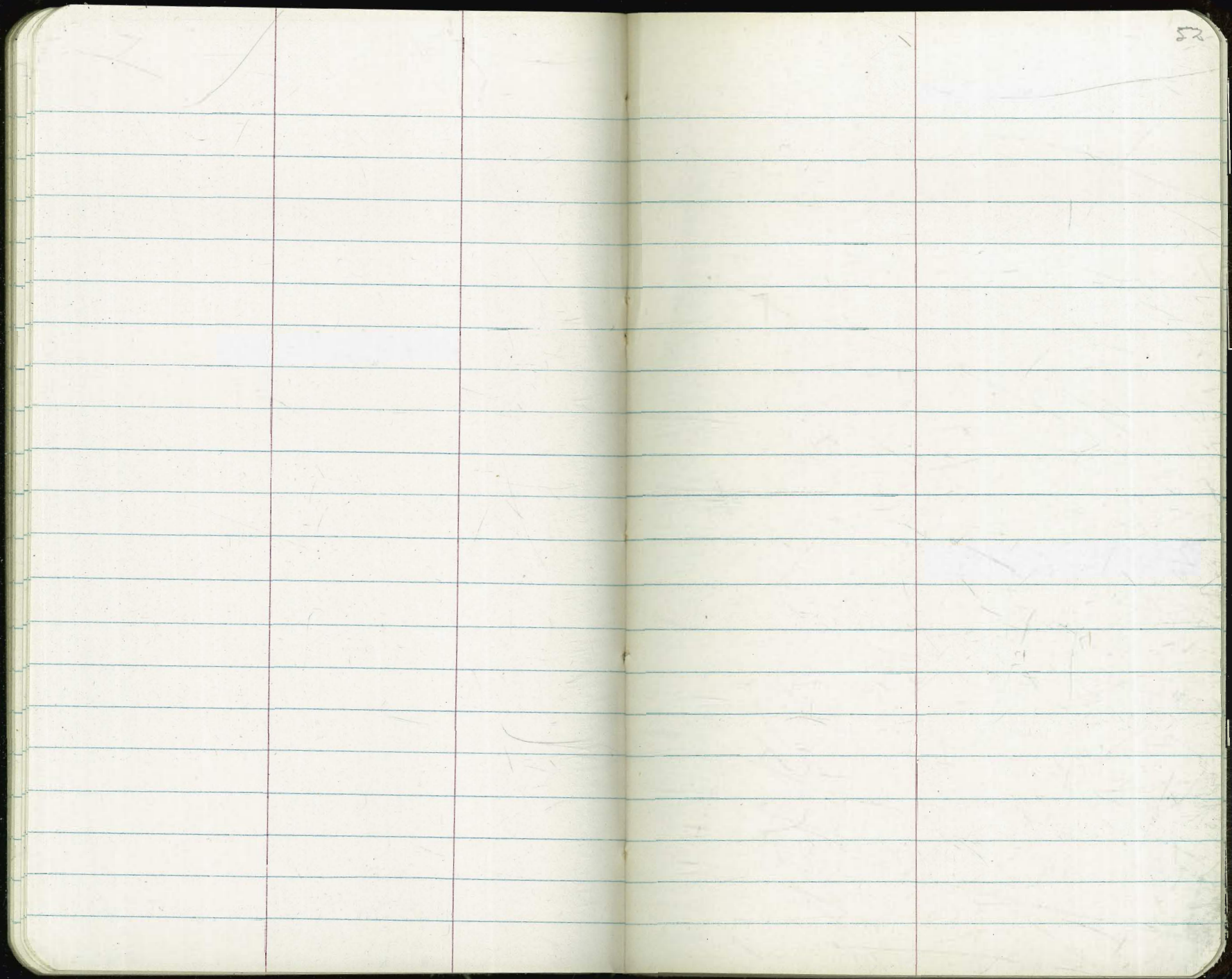


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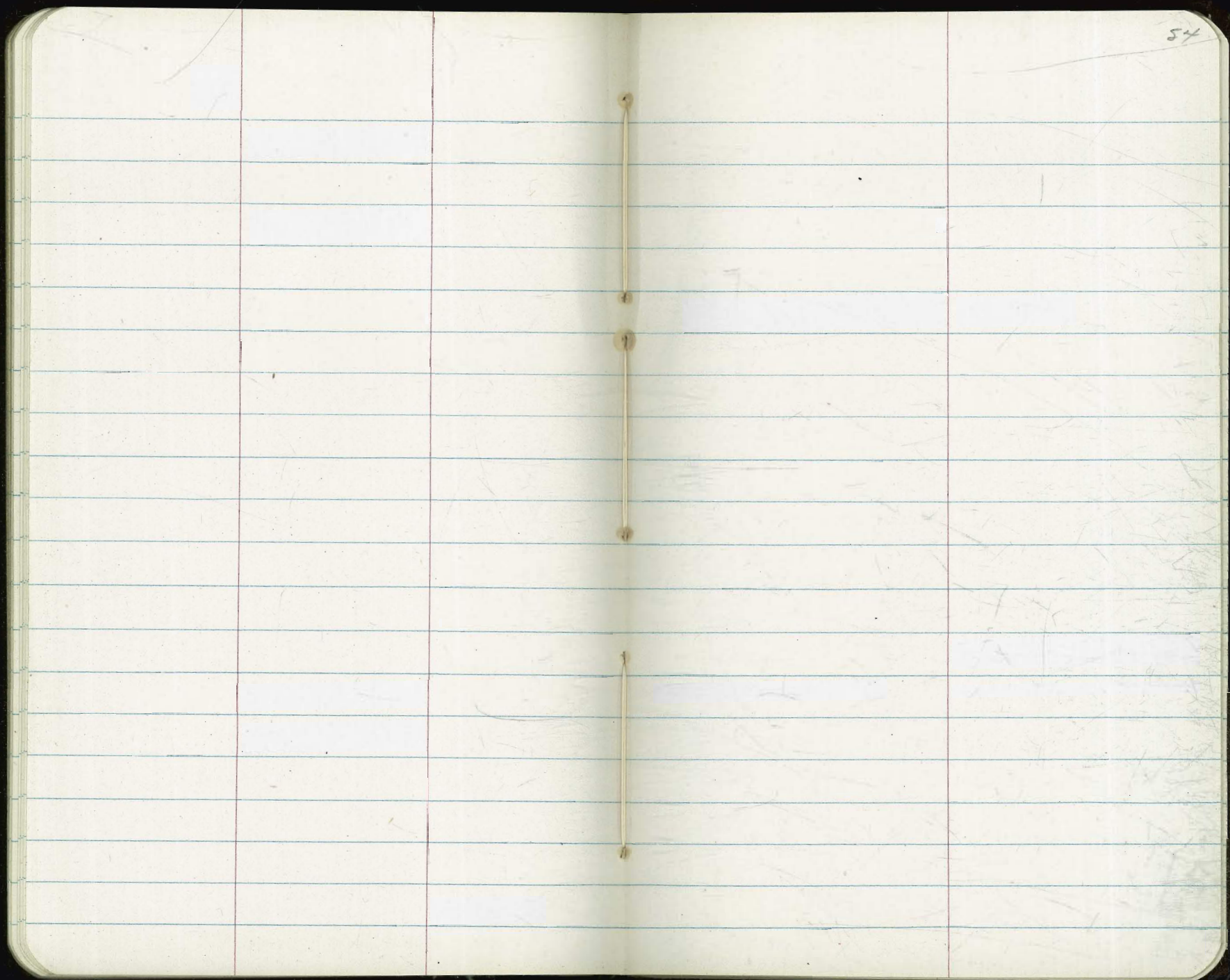


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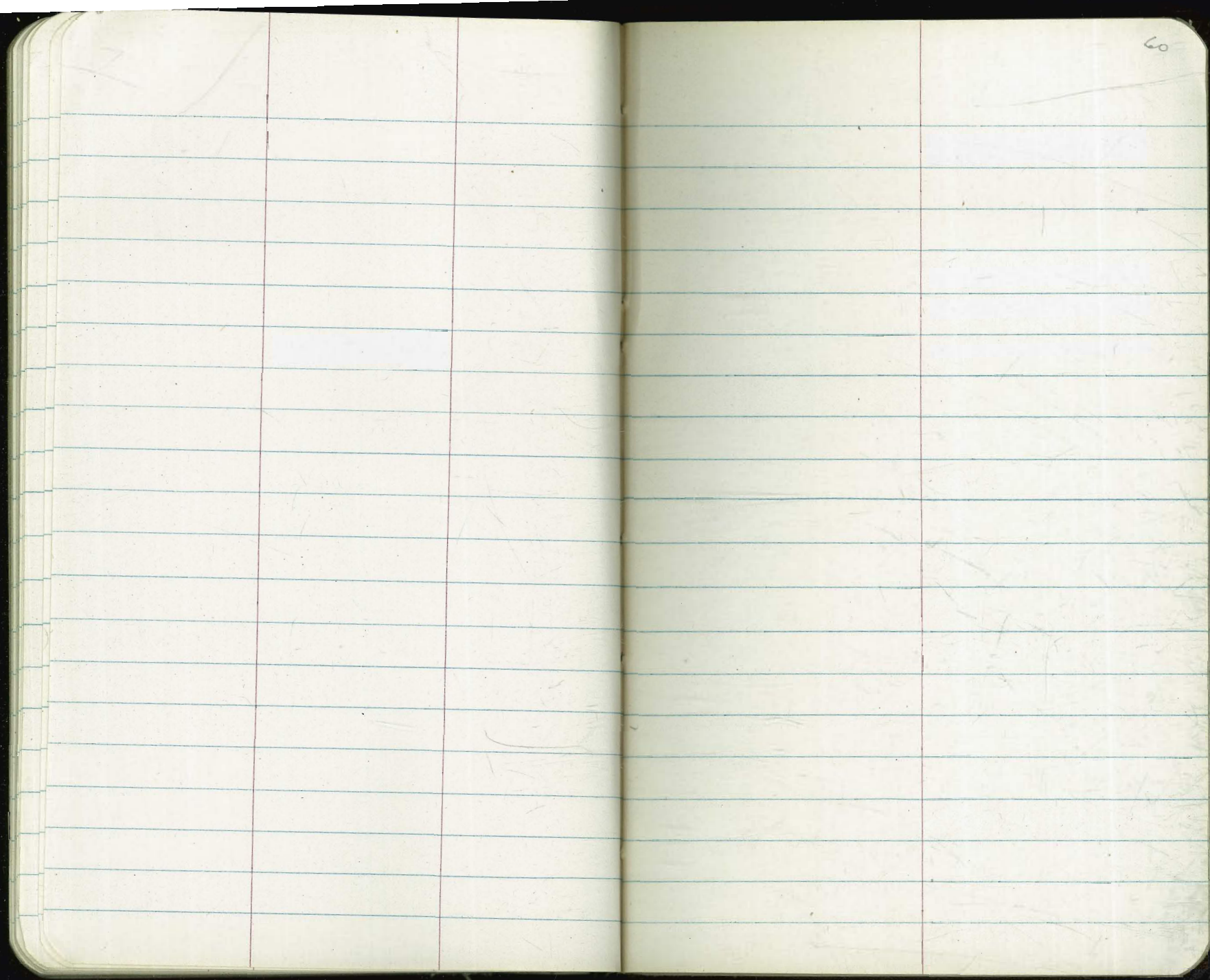




22

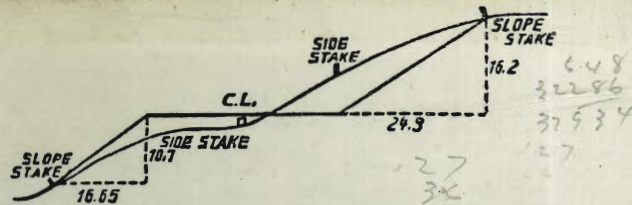


The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. The notebook has rounded corners and a dark cover is visible around the edges. The pages are blank, with no text or drawings. The page number '22' is printed in the top right corner of the right page. The notebook is placed on a dark, possibly black, surface.



35264 189.22
 52 467
 35826 194.14 317.26
 326 194 250
 35260 1748 427.76 315.76
 678
 427.28
 481
 426
 55

33765
 108
 036
 720
 338.38
 505
 33.33
 338.33
 505
 29
 26
 31.4
 785
 331.4
 10
 787
 215



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1 1/4 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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