LEVEL BOOK.

No. 410

F.B.576

97710

MICROFILMED
DEC 14 1964

Scott Ave. & Wabash Ave.

ENGINEERING DEPARTMENT
CITY OF EAST SAN DIEGO, CALIFORNIA.

Indexed to Date Feb. 4, 1918.
" " " " 6 "
Coord " " " Mar 21, 1918.

INDEX-

B.M. 75

Grade Diagram Scott North of Steiner 20-21

X sections Scott Steiner North to Anna 1 Nov 8-15

" " Anna " " Orange 2 " "

" " Orange " " Cajon 3 " "

" Anna E & W of Scott 4 Nov 11-15

Length of Scott ℄ = 2,486.6

Cost 304.11 or 12.2¢ per ft

X Sec. City Park, Wabash & Scott 14

X Sec Cajon to Orange - Wabash. 7/12/16 12

diagram Sta Orange E & W Wabash 24

X Sec. Orange E & W of Scott. 5 & 6

Finish Stakes - Orange & Scott - 7 & 8

" " Scott - Anna to Steiner - 9

Curb Stakes, Scott - Orange to Cajon 10

" " Anna & Scott 11

X Sec. Orange - E & W of Wabash 22

X Sec. Wabash - Orange to Anna 23

X Sec. Anna - E & W of Wabash 25

X Sec. Wabash - Anna South 27

X Sec. Steiner E & W of Wabash 29

X Sec Wabash SL - Steiner to N. Fillmore 30

Ref. Pts. Wabash & Steiner - Wabash & Anna 31

" " Orange & Wabash 32

Grades Wabash 33

Finish Stakes Wabash - Steiner to Fillmore 34

Sewer - Wabash & Steiner 35

Profile Sewer across Wabash at Steiner 36

Finish Stakes Wabash - Anna to Steiner 37

Rd. to Mission Valley Fmnt to City Limits 39

Levels & Curb Stakes - Wabash 41

Curb Stakes - Wabash 44

Return - N.W. Fillmore & Wabash 71

Culverts - Wabash 72 & 73

B.M. - Scott & Steiner 75

X Sec Trans Scott
Steiner North to Anna

± Stakes Flush with Ground at each Station ++

Sta	+	HI	−	Elev	Cut + Fill E − W
B.M.				352.89	
0+40 - East No + Stake					
0+57 West	8.31	361.20			C1.4
1+00					
1+50					
2					
+50					
3					
+50					
4			1.32	359.88	T.P. on 4+00 East
+50	8.92	368.80			
5					
+50					
6					
SL ANNA 6+40					
New BM			3.74	365.06	
B.M.	8.16	373.22	3.06	370.16	Should be 370.17

I marked by Hyatt + Graf 40-Hyatt-Graf
Feb. 1, 1916 Nov 8-1915

1

West																		East												reduced + Plotted by A.H.G.
+40' W.P.L																		+20' ¼												+40' E.P.L
																		℄												
Pipe 43' E + 2' N of NE Steiner Scott																														
+1.0	11.0		+26	12.0	11.8				11.0				11.2		+26	11.1	+28	9.7	9.8	351.4										
349.2	350.2			349.2	349.4				350.2				350.0			350.1		351.5			350.0									
+0.3	10.7				10.8				10.0				9.9						8.9		+ 0.9									
350.22	350.5				350.4				351.2				351.3						352.3		351.38									
-0.2	10.0				9.6				9.3				8.7						7.9		+0.8									
351.40	351.2				351.6				351.9				352.5						353.3		352.53									
-0.8	9.4				9.0				8.1		+6		7.5		+31				7.0		+0.5									
352.59	351.8				352.2				353.1		8.5	352.7	353.7		6.9	354.3			354.2		353.68									
-0.5	7.9				7.8		+10		7.5		6.6		+5		5.5		+25		5.6		+0.8									
353.77	353.3				353.4				353.7		354.6		6.8	354.4	355.7		5.2	356.0	355.6		354.88									
-0.2	6.4				5.9		+6		5.6		5.0				4.4				4.8		+0.4									
354.96	354.8				355.3				355.6		356.2				356.8			-	356.4		355.98									
+0.4	4.7		+26	4.4	4.0				3.4		+8		2.9				+37		2.2		+1.9									
356.14	356.5			356.8	357.2				357.8		3.7	357.5	358.3				3.1	358.1	359.0		357.13									
+0.9	3.0				2.6		+8		2.0		+7		2.0		+33		+36		1.3		+1.6									
357.33	358.2				358.6		2.0		357.2		2.4		359.2		2.6	358.6	1.6	357.6	359.9		358.28									
+1.4	8.9				9.1				8.4		+6		+10		8.6		+29		+32		7.5		+1.4							
358.53	359.9				359.7				360.4		8.7	360.1	8.3	360.5	360.2		9.0	359.8	7.9	360.9	361.3		359.43							
+0.6	8.5				8.1		+7		7.0						7.4		+25		+27		6.6		+1.6							
359.70	360.3				360.7		7.7		361.8						361.4		7.9		7.3		362.2		360.58							
+0.6	7.3				6.4											360.9			361.5											
360.88	361.5				362.4		+6		6.0		+8		6.7				+23		+34		6.2		+0.9							
+0.9	5.8				5.3		6.6		362.8		6.4		362.1				6.0		5.5		362.6		361.73							
362.07	363.0				363.5				362.2			362.4				362.8			363.3											
-0.3	6.1				5.3		+8		4.9		+7		5.4						4.7		+ 1.2									
363.0	362.7				363.5		5.6		363.9		5.4		363.4						364.1		362.88									
							363.8				363.4																			
															+15				3.7		+1.3									
					5.3				4.7				4.0		4.9				365.1		363.8									
					363.5				364.1				364.8																	
											363.9																			
1" Pipe 28.6' SE of Hub SL ANNA 4+6' N of EL Scott																														
Pipe NE Swift + Anna																														

X Sections Scott Anna to Orange

reduced & Platted by A. H. Graf

Sta	+	HI	−	Elev	
BM				365.06	
N.L. Anna 6+80	8.71	373.77			
7+50					
8					
+50					
9					
+50					
10					
+50			3.39	370.38	TPon 10+50 E.P.L
11	8.08	378.46			
+50					
12					
SL Orange +48.8					
New BM.			3.18	375.28	
BM.	4.35	379.63	4.69	374.94	S.B. 374.95

West —×— East

	+40' W.P.L	+20' 1/4	℄	+20' 1/4	+40' E.P.L.	
	Iron Pipe SE Scott & Anna					
−0.2 363.4	10.6 363.2	+31 10.3 363.5	11.0 362.8	10.1 363.7	9.3 364.5	+26 8.5 365.3	8.0 365.8	+1.6 364.2
+0.8 364.5	8.5 365.3	0 365.6	8.2 +18 9.1 364.7	7.9 365.9	+18 8.7 365.1	8.7 365.1	7.3 366.5	+1.2 365.29
+0.4 365.29	8.1 365.7	+21 7.3 366.5	8.0 365.8	6.8 367.0	7.7 366.1	+22 6.7 367.1	6.3 367.5	+1.4 366.07
+1.0 366.08	6.7 367.1	+21 6.7 367.1	7.5 366.3	+6 5.9 367.9	5.8 368.0	+10 6.2 367.6	+18 7.0 366.8	6.7 367.1	+22 6.0 367.8	5.8 368.0	+1.1 366.85
+1.3 366.87	5.7 368.1	5.5 368.3	+18 6.1 367.7	+6 5.0 368.8	4.9 368.9	+17 6.4 367.4	5.7 368.1	+	+35 4.9 368.9	4.5 369.3	+1.7 367.63
+1.3 367.66	4.8 369.0	+21 5.0 368.8	5.3 368.5	+7 4.4 369.4	4.1 369.7	+8 4.4 369.4	+18 5.4 368.4	4.6 369.2		4.3 369.5	+1.1 368.41
+1.2 368.45	4.2 369.6	+24 4.5 369.3	4.8 369.0	+7 3.8 370.0	3.6 370.2	+6 3.6 370.2	4.8 369.0	+23 4.1 369.7		3.7 370.1	+0.9 369.19
+1.2 369.24	3.4 370.4	+21 3.7 370.1	4.2 369.6	+6 3.4 370.4	3.1 370.7	+8 3.5 370.3	+18 4.3 369.5	4.0 369.8		3.4 370.4	+0.4 369.97
+1.1 370.03	7.4 371.1	7.7 370.8	+18 8.4 370.1	+6 7.4 371.1	7.2 371.3	+9 7.4 371.1	8.1 370.4	+21 7.3 371.2		7.0 371.5	+0.8 370.75
+0.6 370.82	7.1 371.4	7.1 371.4	+19 7.5 371.0	+7 6.6 371.9	6.2 372.3	+8 6.2 372.3	+19 7.2 371.3	+22 6.2 372.3		6.1 372.4	+0.9 371.53
+0.7 371.61	6.2 372.3	6.1 372.4	+19 6.4 372.1	+7 5.5 373.0	5.3 373.2	+10 5.3 373.2	5.9 372.6	+22 5.4 373.1		5.2 373.3	+1.0 372.31
+0.8 372.4	5.3 373.2	5.4 373.1	+9 5.0 373.5	4.8 373.7	+19 5.3 373.2	+22 5.0 373.5				4.7 373.8	+0.7 373.1

1" Iron Pipe 22' NE of BLK Cor NE Orange & Scott

Pipe SE Swift & Orange

Xsections Scott Orange to Cafon

Sta	+	HI	−	Elev	
BM.				375.28	
13+28.8	8.86	384.14			
14					
+50					
15					
+50					
16					
+50					
17					
+50					
18					
+50					
19					
+35.8					
New BM			5.53	378.61	
BM	3.93	382.54	3.23	379.31	checks OK

60 ft Wide

reduced + platted by A.H. Graf.

West —×— East

	+30 W.P.L	+15 1/4	℄	+15 1/4	+30 E.P.L	
Pipe NE Orange & Scott						
+0.4 374.1	9.6 374.5	+23 8.9 375.2	9.2 374.9	8.8 375.3	+14 9.4 374.7	9.0 375.1	8.9 375.2	+0.7 374.5
+1.1 374.63	8.4 375.7	8.4 375.7	+8 8.1 376.0	7.7 376.4	8.2 375.9	8.2 375.9	+0.9 375.00
+1.4 375.00	7.7 376.4	7.6 376.5	+9 7.4 376.7	7.0 377.1	+6 7.3 376.8	+13 7.8 376.3	7.4 376.7	7.4 376.7	+1.3 375.35
+2.1 375.37	6.6 377.5	+18 6.7 377.4	7.2 376.9	+7 6.5 377.6	6.2 377.9	+7 6.5 377.6	+13 7.0 377.1	6.7 377.4	6.8 377.3	+1.6 375.71
+2.1 375.74	6.3 377.8	+17 6.2 377.9	6.6 377.5	+6 5.8 378.3	5.6 378.5	+6 5.7 378.4	6.3 377.8	6.1 378.0	+1.9 376.06
+2.4 376.11	5.6 378.5	+16 5.5 378.6	5.8 378.3	+7 5.1 379.0	4.8 379.3	+7 5.0 379.1	5.4 378.7	4.9 379.2	+2.8 376.42
+2.2 376.48	5.4 378.7	5.7 378.4	+6 5.0 379.1	4.7 379.4	+6 4.8 379.3	5.4 378.7	5.0 379.1	+2.3 376.77
+2.2 376.85	5.1 379.0	5.3 378.8	4.7 379.4	5.1 379.0	5.2 378.9	+1.8 377.13
+2.0 377.22	4.9 379.2	5.1 379.0	5.0 379.1	5.3 378.8	5.3 378.8	+1.3 377.48
+1.0 377.59	5.5 378.6	5.7 378.4	5.3 378.8	5.6 378.5	5.8 378.3	+0.5 377.84
+0.37 377.96	5.8 378.3	5.8 378.3	5.7 378.4	5.9 378.2	5.8 378.3	+0.1 378.19
+0.37 378.33	5.6 378.5	5.8 378.3	5.6 378.5	5.6 378.5	5.8 378.3	−0.3 378.55
00 378.6	5.5 378.6	5.4 378.7	5.3 378.8	5.6 378.5	5.5 378.6	−0.2 378.8

Pipe 32' E of SE Scott & Cafon

Pipe SE Swift & Cafon

X Sections & ± Anna E & W of Scott

40 ft Wide

4d-Hyatt Graf
Nov 11-1915

4

Rods reduced by A.H. GRAF

Sta	+	HI	−	Elev		North +20' N.P.L.				✕ ℄			South +20' S.P.L.	
B.M.				365.06										
℄ Alley Swift Scott														
1+50	6.00	371.06			+0.9 366.6	3.6 367.5	+15 4.3 366.8	+6 3.6 367.5	3.7 367.4	+10 3.9 367.2			3.8 367.3	+1.1 366.2
2					+1.6 365.8	3.7 367.4		+13 4.1 367.0	4.1 367.0	+8 3.8 367.3	+12 4.3 366.8		4.5 366.6	+1.2 365.4
+50					+1.9 365.0	4.2 366.9	+11 4.8 366.3		4.8 366.3	+3 4.8 366.3	+8 4.1 367.0	+13 5.0 366.1	4.8 366.3	+1.7 364.6
EL Scott 3+00					+1.6 364.2	5.3 365.8		+10 5.6 365.5	5.8 365.3	+4 5.9 365.2	+10 5.0 366.1	+16 6.1 365.0	6.0 365.1	+1.3 363.8
℄ Scott 3+40					−0.1 363.8	7.4 363.7	+8 7.2 363.7		6.8 364.3	+7 6.5 364.6			7.0 364.1	+0.7 363.4
WL Scott 3+80 & 0+00					−0.2 363.4	7.9 363.2		+10 9.1 362.0	+8 8.5 362.6	8.0 363.1	+7 7.5 363.6	+13 8.7 363.4	+16 8.2 362.9	8.3 362.8	−0.2 363.0
0+50					−0.5 362.15	9.4 361.7	+12 10.5 360.6	+8 10.0 361.1	10.0 361.1	+6 9.4 361.7	+14 10.3 360.8		9.6 361.5	−0.3 361.75
1+00					−0.5 360.90	10.7 360.4	+16 11.0 360.1	+12 11.9 359.2	+7 11.5 359.6	10.9 360.2	+4 10.9 360.2	+6 10.4 360.7	+14 11.3 359.8	11.8 359.3	No Stake 360.50
1+50 North					−0.2 359.65	11.6 359.5	+12 12.9 358.2		11.7 359.4	+11 11.8 359.3			12.4 358.7	−0.6 359.25
1+19.1 South														

1 Von pipe SE Scott & Anna

See sketch Page 6 -

X Sections Orange
E & W of Scott

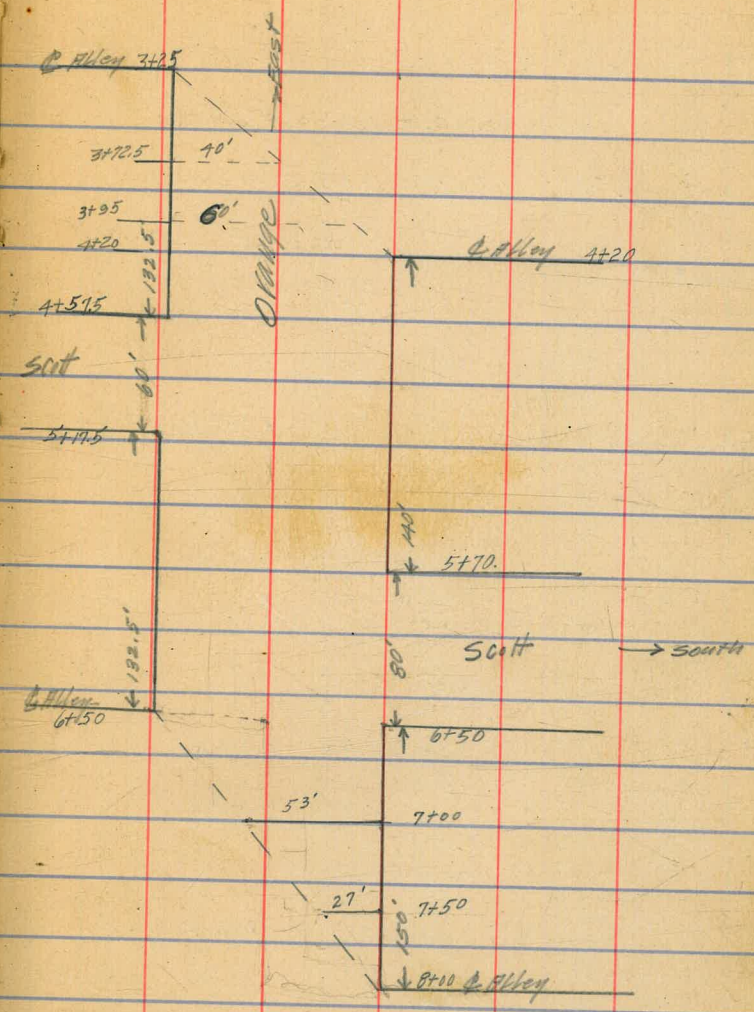
40 - Hyatt - Graf
Nov 11-1915 -

Rods reduced by A. H. GRAF

Sta	+	HI	−	Elev	North +40' N.P.L.	North +20 1/4	North ℄	South +20' 1/4	South +40' S.P.L.
BM.				375.28	Pipe NE Orange & Scott				
3+25	3.95	379.23			0.0 375.15 / 4.0 375.2				
3+72.5					+0.3 374.92 / 4.0 375.2	4.2 375.0 / +9 4.1 375.1 / 4.2 375.0			374.28
3+95					+1.8 374.81 / 2.6 376.6	+30 2.5 76.7 / 3.3 75.9 / +11 4.3 74.9 / 4.2 75.0 / +15 5.0 74.2 / 4.7 74.5			374.15
4+20					+0.2 374.68 / 4.3 374.9	4.3 374.9 / +10 4.8 374.4 / 4.4 374.8 / 4.8 374.4 / 32 4.7 376.0		4.9 374.3	+0.3 374.0
EL Scott North 4+57.5					+0.7 374.5 / 4.0 375.2	4.7 374.5 / +10 4.8 374.4 / 4.4 374.8 / +11 5.0 374.2 / 4.9 374.3		5.1 374.1	+0.3 373.78
WL Scott North 5+17.5					+0.5 374.1 / 4.6 374.6	4.6 374.6 / +10 5.1 374.1 / 4.6 374.6 / +9 5.2 374.0 / 5.1 374.1		5.2 374.0	+0.6 373.42
EL Scott South 5+70					+1.1 373.63 / 4.5 374.7	4.8 374.4 / +10 5.2 374.0 / 4.6 374.6 / +9 5.2 374.0 / 5.2 374.0		5.5 373.7	+0.6 373.1
℄ Scott South 6+10					+0.8 373.27 / 5.1 374.1	4.8 374.4 / +8 5.5 373.7 / 5.2 374.0 / +10 5.5 373.7 / 5.6 373.6		5.5 373.7	
WL Scott South 6+50					+1.7 372.9 / 4.6 374.6	+31 5.5 373.7 / 5.3 373.9 / +9 5.7 373.5 / 5.5 373.7 / +9 6.0 373.2 / 6.0 373.2		6.1 373.1	+0.7 372.4
7+00						+13 6.0 373.2 / +10 6.4 372.8 / +9 5.6 373.6 / 5.8 373.4 / +10 6.1 373.1 / 5.9 373.3 / +24 6.3 372.9		6.3 372.9	+1.1 371.8
7+50						+13 7.0 372.2 / 7.0 372.2 / +25 6.8 372.4		7.6 371.6	+0.4 371.2
8+00								8.2 371.0	+0.4 370.6

Sketch Showing Method of Stationing and Xsectioning Orange E & W of Scott Levels on Page 5 - This Book -

Ford - Nov 11 - 1915



Finish Stakes Orange & Scott

Sta	+	HI	−	Elev
B.M.				375.28
SE orange scott	2.50	377.78	4.68	373.10
SW. 13.6' W of Scott			5.38	372.40
SL Orange			7.01	370.77
B.M. Scott & Orange				375.28
N.W.	4.57	379.85	5.75	374.10
N.E.			5.35	374.50
B.M. orange & Scott				375.28
N.W.	3.64	378.92	4.82	374.10
N.E. 12.1' West of Scott.			4.42	374.50
N.L. Orange			5.93	372.99

Finish Stakes Scott.

B.M. orange & Scott				375.28
S.E.	2.66	377.94	4.84	373.10
S.W. Anno & Scott			5.54	372.40
B.M.				365.06
Anno & Scott N.E.	4.55	369.61	5.41	364.2
N.W.			6.21	363.4

Ford
Hyatt
Lane
Apr 7, 1916

Pipe NE orange & Scott

Hyatt
Lane
April 7, 16.

pipe N.E. Orange & Scott.

Pipe N.E. Orange & Scott.

Hyatt
Lane
April 18, 16.

Pipe N.E. Orange & Scott

Pipe S.E. Scott & Anno.

Sta	+	H.I	−	Elev
B.M. Cafon				378.61
SE Scott	5.47	384.08	✓ 5.28	378.80
SW "			✓ 5.48	378.60
Curb Stakes Orange E & W Scott				
B.M. orange				375.28
SE Scott	2.38	377.66	✓ 4.56	373.10
SW " 136' W of W Scott			✓ 5.26	372.40
SL Orange			✓ 6.89	370.77 ✓
BM orange				375.28
NE Scott	3.13	378.41	✓ 3.91	374.5
NW "			✓ 4.31	374.1
NL Orange 121' W of W L Scott			✓ 5.42	372.99 ✓

April 11-1916
4d
Hyatt
Lane

IWM Pipe 32' E of SE Scott & Cafon

May 5-1916
4d-Hyatt

pipe NE Cafon & Scott

Finish Stakes Scott Arc
Anna to Steiner

Sta	+	HI	−	Elev
				365.06
Scott SE Anna	3.90	368.96	5.16	363.80
SW "			5.96	363.00

Ford-Hyatt April 25-1916

Curb Stakes Scott
Orange to Cafon

Sta	+	HI	−	Elev
BM				375.28
NE Scott Orange	397	379.25	4.75	374.5
NW. "			5.15	374.1
BM				378.61
SE Scott Cafon	532	383.93	5.13	378.8
SW "			5.33	378.6
BM				375.28
SE Scott Orange	2.67	377.95	4.85	373.10
SW			5.55	372.40
BM				365.06
NE Scott Anna	329	368.35	4.15	364.20
SE			455	363.80
B.M.				365.06
NW	400	369.06	566 5.66	363.4

Ford Hyatt May 2-1916

Pipe NE Scott + Orange

" SE " + Cafon

May 8-1916 - Ad. Hyatt

Pipe SE Scott Anna

May 9-Ad Hyatt

Curb Stakes Anna & Scott

May 12-1916
4d-Hyatt

Sta	+	HI	−	Elev
B.M.				365.06
NE Anna scott	4.29	369.35	5.15	364.2
NW "			5.95	363.4
			5.55	363.8
B.M. 136' W of WL Scott				365.06
NL Anna	3.20	368.26	8.26	360.00
SW Anna scott			5.26	363.00
SL Anna. 119.6' W of WL Scott	2.14	365.14	5.89	359.25

Rod's Rec'd July 14-16

July 12/16

Ford-Hyatt-Wight π

Cross Sections Wabash

Sta.	+	HI	−	Elev			30' W.PL.	15'	℄	15'	30' E.PL.	
B.M.				378.61			Iron pipe 32' E of S.E. Scott + Cajon					
B.M.	2.01	380.62	7.04	373.58 / 73.57 should be / .01			Iron pipe 21' E of S.E. Mission + Cajon					
T.P. SL Cajon			5.29	375.33			Spike in power pole # 3349 S.W. Wabash + Cajon					
0+00	4.38	379.71			375.60	+0.7	4.8 / 74.9	4.7 / 75.0	4.5 / 75.2	4.0 / 75.7	4.0 / 75.7	−0.4 / 376.00
0+50 x					375.22	+0.8	5.3 / 374.4	5.2 / 74.5	4.8 / 74.9	+17' / 5.0 / 74.7	4.5 / 75.2	−0.4 / 375.65
1					374.85	+0.55	5.4 / 74.3	5.3 / 74.4	5.2 / 74.5; +16 / 5.5 / 74.2	+22 / 4.8 / 74.9	3.9 / 75.8	−0.4 / 375.29
0+95											4.6 / 75.1	
1+18					374.72	−0.2	4.8 / 74.9					−0.4 / 375.17
1+50					374.48	+0.38	5.6 / 74.1	+12 / 5.3 / 74.4; +10 / 5.6 / 74.1	5.2 / 74.5	+17 / 5.4 / 74.3; +19 / 5.0 / 74.1	4.7 / 75.0	−0.1 / 374.94
2					374.71	+0.01	5.6 / 74.1	+13 / 5.5 / 74.2	5.1 / 74.6	+17 / 5.2 / 74.5; +19 / 4.8 / 74.9	4.4 / 75.3	−0.7 / 374.58
+50					373.74	−1.44	5.4 / 74.3	+11 / 4.9 / 74.8; +9 / 5.2 / 74.5	4.6 / 75.1	+12 / 4.6 / 75.1; +19 / 5.0 / 74.7	4.7 / 75.0	−0.8 / 374.23
3					373.37	−1.2	5.2 / 74.5	+13 / 5.1 / 74.6; +11 / 5.4 / 74.3	5.0 / 74.7	+17 / 5.0 / 74.7; +20 / 4.7 / 75.0	4.5 / 75.2	−1.3 / 373.87
3+40 TP on 3+50E					373.07	−1.0	5.6 / 74.1					373.59
+50			4.01	375.70	373.00	−1.4	5.3 / 374.4	+26 / 4.8 / 74.9; +14 / 4.9 / 74.8	+10 / 5.8 / 73.9; 5.3 / 74.4	+10 / 5.0 / 74.7; +18 / 4.4 / 75.3	4.0 / 75.7	−2.2 / 373.52
4	2.33	378.03			372.63	−1.5	3.9 / 74.1	+21 / 4.8 / 73.2; +12 / 4.3 / 73.7	+10 / 4.7 / 73.3; 3.8 / 74.2	+17 / 3.7 / 74.3; +19 / 2.9 / 75.1	2.5 / 75.5	−2.3 / 373.16
+10					372.56	−2.44	3.0 / 75.0	+18 / 4.2 / 73.8; +8 / 4.6 / 73.4	4.2 / 73.8	+12 / 4.0 / 74.0; +20 / 3.3 / 74.7; +22 / 2.7 / 75.3	2.4 / 75.6	−2.5 / 373.09
+30					372.41	−0.9	4.1 / 73.3	+10 / 4.4 / 73.6	4.2 / 73.8	+18 / 4.1 / 73.9; +20 / 3.5 / 74.5	3.5 / 74.5	−1.6 / 372.95
+50					372.26	−1.0	4.8 / 73.2	+19 / 4.3 / 73.7; +9 / 4.9 / 73.1	4.7 / 73.3	+16 / 4.7 / 73.3; +19 / 5.0 / 73.0	4.0 / 74.0	−1.2 / 372.81

Contd-

60 ft wide Rods Reduced July 14-49 13

Sta	+	HI	−	Elev			West +30' W.P.L.			℄		East		+30' E.P.L.	
5.		378.03			371.89	-1.1	5.0 73.0	+25 4.6 73.4	+9 5.5 72.5	4.9 73.1	+11 4.6 73.4	+18 4.8 73.2	4.2 73.8	-1.4 372.45
+50 NL Orange					371.52	-0.9	5.6 72.4	+22 5.8 72.2	+8 5.7 72.3	5.0 73.0	+13 5.0 73.0	+19 5.4 72.6	5.0 73.0	-0.9 372.1
6+07					371.1	+0.1	7.0 71.0	+29 6.1 71.9	+15 6.1 71.9	6.0 72.0		+17 6.2 71.8	5.8 72.2	-0.5 371.7
T.P.			707	370.96										

NW. Blk Cor Wabash + Orange

X Sections City Park -
Wabash & Scott

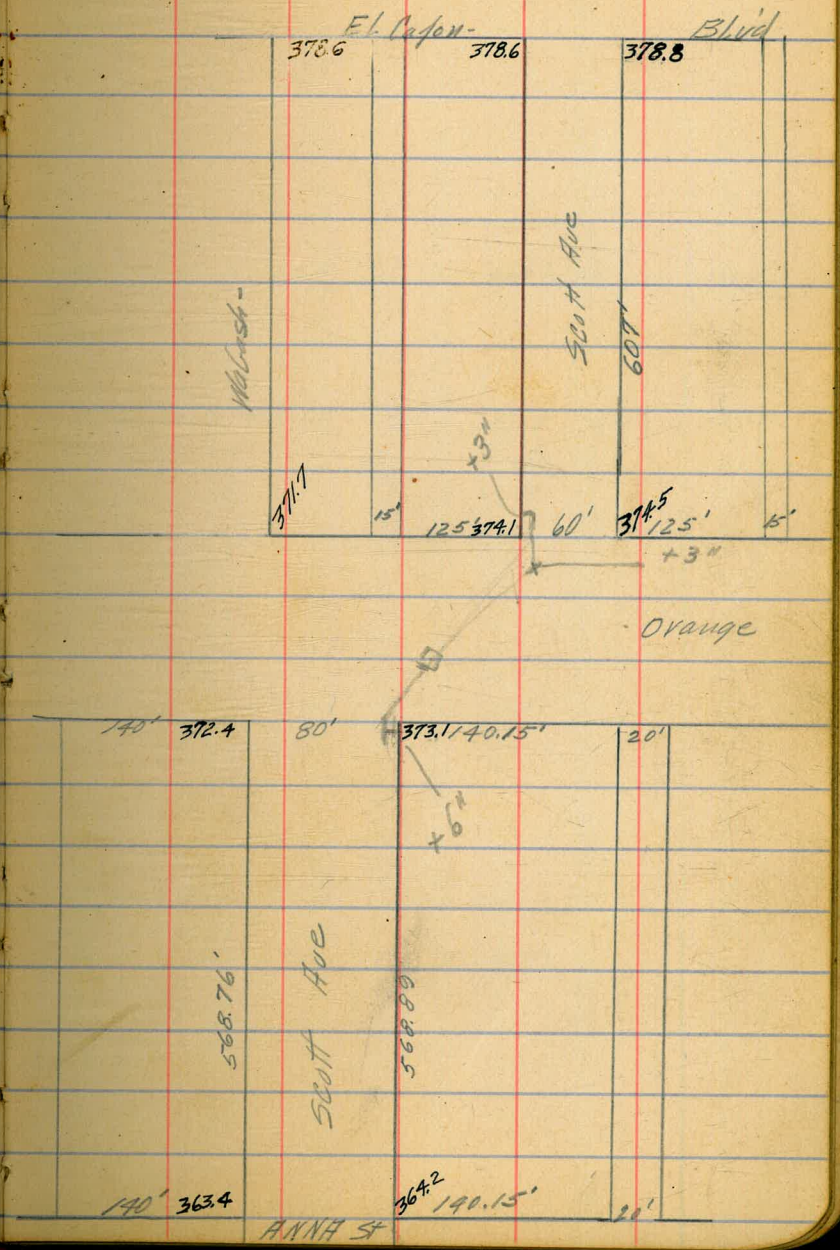
	+	H.I.	−	Elev	
0+00 = S.L. Steiner at Wabash E.L.					
B.M.	9.53	349.63		340.10	Curb NE
0+45 E					
0+10 W			6.3		
0+45					
0+75					
1+00					
1+30 E					
1+45 W					

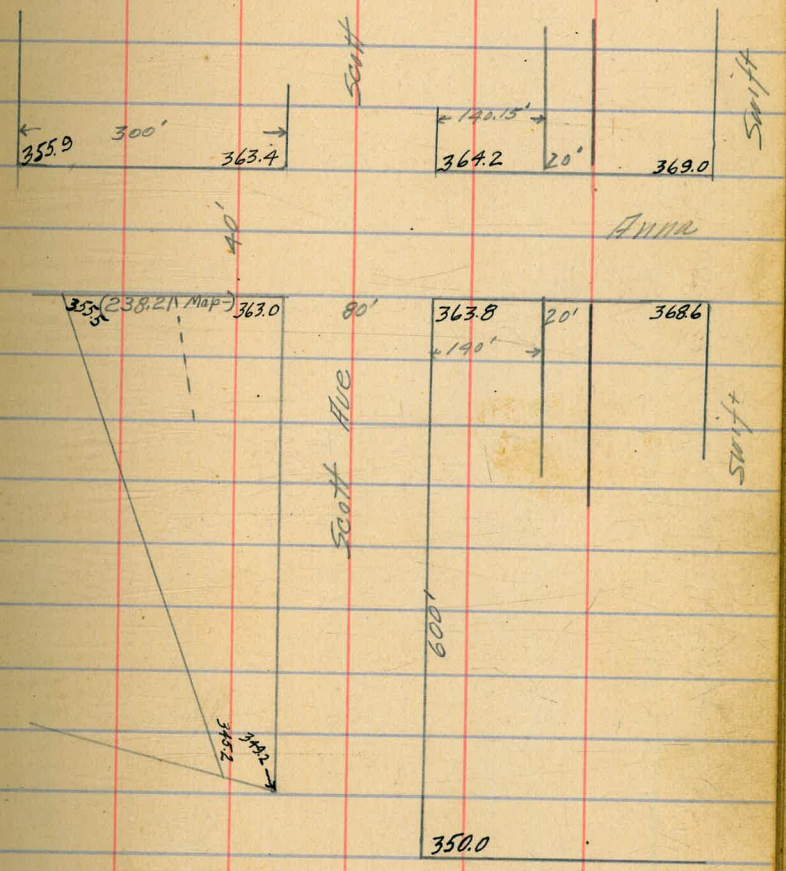
Feb 6, 15. Hyatt
Brown

14

all distances from back walk Wabash

Back Walk E.L. Wabash						
Wabash & Fillmore						
6.3 343.33	6.1 3.9 345.73	3.1 346.53	50' 2.5 347.13	69' 2.4 347.23	71 3.1 346.63	2.6 347.03
7.4 342.23	4.9 344.73	4.1 345.53	50' 2.5 347.13	57' 2.3 347.33	61' 3.1 346.53	
8.3 341.33	5.7 343.93	5.0 344.63	50' 3.7 345.93	52' 4.9 344.73	65' 4.4 345.23	
9.1 340.53	7.2 342.43	6.5 343.13	43' 5.9 343.73	44' 6.4 343.23	57' 6.2 343.43	
10.3 339.13	9.9 339.73	8.7 340.93	35' 6.3 341.33		42' 5.3 341.33	


El Cajon
Blvd
378.6
378.6
378.8
Walnut
South Ave
60'
+3"
371.7
15'
125'
374.1
60'
374.5
125'
15'
+3"
Orange
140'
372.4
80'
373.1
140.15'
20'
+6"
568.76'
South Ave
568.86'
140'
363.4
364.2
140.15'
20'
ANNA St



Scott
Swift
355.9
300'
363.4
140.15'
364.2
20'
369.0
40'
Anna
355.5
(238.21 Map)
363.0
80'
363.8
20'
368.6
140'
Scott Ave
Swift
600'
345.2
349.2
350.0

X Sections Orange Ave
E & W of Wabash
see sketch page 24

Sta	+	HI	−	Elev	
T.P.				370.96	
0+00	559	376.55			
0+50					
1					
℄ H South + 50.5					
2					
+50					
E L Wab South 3+00.3					
℄ H North 3+25					
W L Wab South 3+80.3					
4					
+50					
5					
℄ H S +30.3					
BM			851	368.04	SB 368.09

Rods Red
July 14-48

July 12-1916
48-Hyatt-Wright

22

80 ft wide

North +40' NPL | ℄ | South +40' SPL

Line 5 Page 13 - NW Blk Cor Wabash + Orange

Grade	North +40' NPL				℄				South +40' SPL	Grade
+⊖0.5 372.9	3.2 73.4	+24 3.8 72.8			3.6 73.0					372.4
+⊖1.7 372.44	2.5 74.1	+11 3.7 72.9			3.9 72.7					371.8
+⊖1.3 371.99	3.3 73.3	+22 3.8 72.8	+11 3.8 72.8		4.3 72.3					371.2
+⊖0.6 371.52	4.5 72.1	+20 4.6 72.0			5.0 71.6	+20 6.0 70.6	+29 6.0 70.6		5.5 71.1	+⊖0.5 370.6
+⊖0.6 371.0	5.0 71.6	+35 4.9 71.7	+30 5.6 71.0	+21 5.4 71.2	+11 6.1 70.5	5.7 70.9	+9 6.2 70.4	+12 5.9 70.7	+25 6.0 70.6	6.1 70.5	+⊖0.8 369.73
+⊖0.7 370.3	5.6 71.0	+23 6.2 70.4	+15 6.1 70.5	+13 6.7 69.9		6.6 70.0	+12 7.0 69.6	+30 6.8 69.8		7.0 69.6	+⊖0.7 368.86
+⊖0.2 369.60	6.8 69.8		+28 6.9 69.7	+15 7.6 69.0		7.4 69.2	+10 7.7 68.9	+14 7.1 69.5	+31 8.1 68.5	7.9 68.7	+⊖0.7 368.0
+⊖0.4 369.25	6.9 69.7		+26 7.5 69.1	+19 7.0 69.6	+12 7.4 69.2	+10 7.8 68.8	7.6 69.0	+10 8.1 68.5	+18 7.7 68.9	8.4 68.2	+⊖0.4 367.88
368.48							7.9 68.7	+10 8.5 68.1	+16 8.1 68.5	8.7 67.9	+⊖0.5 367.4
368.20							8.2 68.4	+11 8.5 68.1	+20 8.5 68.1	+23 8.9 67.7	8.9 67.7	+⊖0.5 367.19
367.50							9.2 67.4	+9 9.7 66.9	+12 9.3 67.3	+25 9.9 66.7	10.0 66.6	⊕0.1 366.67
366.83							10.3 66.3	+6 10.3 66.3	+11 10.6 66.0	+19 10.0 66.6	+26 10.5 66.1	11.0 65.6	⊕0.6 366.16
366.4							10.8 65.8			+12 11.3 65.3	+19 10.9 65.7	+31 11.7 64.9	12.0 64.6	⊕1.3 365.85

Pipe NE Missim + Orange

X Sections Wabash
Orange to Anna

Sta	+	HI	−	Elev.
B.M.				368.09
S.L. Orange				
0+0.0	2.59	370.68		
0+50				
1				
+50				
2				
+50				
3				
+50				
TP on 4+50 Z				
4			11.00	359.68
4+50	2.58	362.26		
5				
+50				
N.L. Anna +68.2				

Rods Bd. July 14-A.D. O.K. W.A.S.

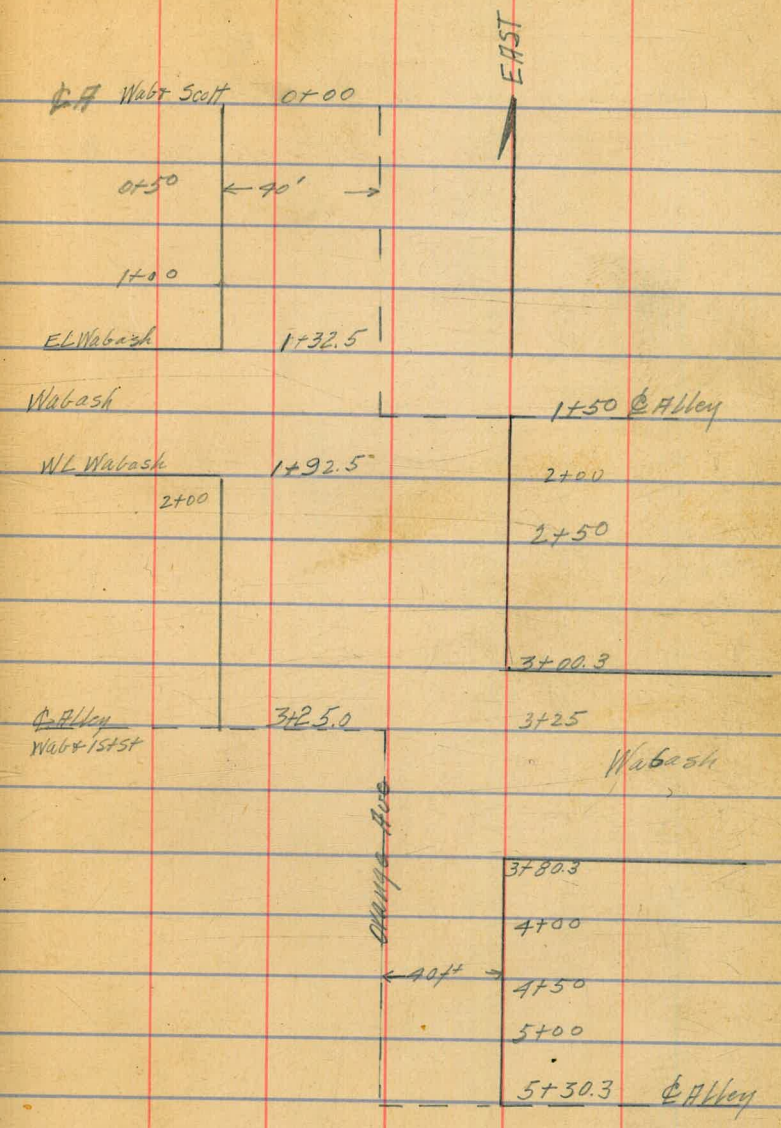
West — 80' Wide — East

Pike NE Missouri & Orange

Grade	W.P.L. (+40')															E.P.L. (+40')	Grade
⊖0.5	2.8		+26	+23	+16	2.2		+13	+23							2.0	+0.7
			2.7	3.5	3.1			2.5	2.7								−0.5
367.4	67.9		68.0	67.2	67.6	68.5		68.2	68.0							68.7	368.0
⊖0.2	4.2			+21	+24	2.8		+8	+21	+27						2.4	+
				3.8	4.8			2.6	3.7	2.6							⊖1.4
366.33	66.5			66.9	65.9	67.9		68.1	67.0	68.1						68.3	366.87
⊖0.4	5.0		+27	+24	+15	3.8		+11	+23	+26						2.9	+
			4.8	5.7	5.1			3.8	4.6	3.7							⊖2.1
365.28	65.7		65.9	65.0	65.6	66.9		66.9	66.1	67.0						67.8	365.72
⊖0.8	5.7		+27	+27	4.5				+23	+26						4.8	+
			5.4	6.6					5.6	4.8							⊖1.3
364.74	65.0		65.3	64.1	66.2				65.1	65.9						65.9	364.58
⊖0.1	7.4		+26	+24	+17	5.8		+17	+29							5.6	+
			6.9	7.4	7.2			6.7	6.0								⊖1.7
363.19	63.3		63.8	63.3	63.5	64.9		64.0	64.7							65.1	363.43
+06			+28	+26	+12	6.8		+17	+22	+25						6.6	+
⊖0.8	8.6		7.9	8.8	7.5			8.0	7.8	6.8							⊖1.8
362.15	62.7		62.8	61.9	63.2	63.9		62.7	62.9	63.9						64.1	362.29
⊖0.5	9.1		+28	+25	+13	8.2		+6	+10	+29						7.3	+
			9.0	9.8	8.8			8.3	9.1	8.2							⊖2.3
361.10	61.6		61.7	60.9	61.9	62.5		62.4	61.6	62.5						63.4	361.14
⊖0.4	10.2		+26	+17	9.0			+7	+24	+26						8.8	+
			10.8	10.2				10.0	10.0	9.2							⊖1.9
360.06	60.5		59.9	60.5	61.7			60.7	60.7	61.5						61.9	360.0
⊖1.0	10.7		+28	+21	+14	+7		+13	+24	+26						9.9	+
			11.0	11.8	10.8	10.2	10.1	10.6	11.2	10.4							⊖2.0
359.01	60.0		59.7	58.7	59.9	60.5	60.6	60.1	59.5	60.3						60.8	358.85
⊖1.3	3.0		+28	+24	+19	+10	2.3	+5	+12	+22	+27					2.6	+
			3.1	4.0	3.5	2.7		2.2	2.6	3.6	2.6						⊖2.0
357.97	59.3		59.2	58.3	58.8	59.6	60.0	60.1	59.7	59.7	59.7					59.7	357.71
⊖1.1	4.2		+27	+24	+17	+9	3.4	+11	+23	+27						3.8	+
			4.0	4.8	4.3	3.5		3.7	4.8	4.2							⊖1.9
356.97	58.1		58.3	57.5	58.0	58.8	58.9	58.6	57.5	58.1						58.5	356.56
⊖1.0	5.5		+32	+24	+17	+8	4.8	+3	+18	+23	+26					5.1	+
			5.7	6.0	5.8	4.9		4.8	5.6	5.7	5.2						⊖1.8
355.88	56.8		56.6	56.3	56.5	57.4	57.5	57.5	56.7	56.6	57.1					57.2	355.42
+⊖1.1	5.7		+32	+21	+8	5.2		+13	+22	+24	+30					5.6	+⊖1.7
			5.8	6.2	5.5			5.5	6.1	6.4	5.8						
355.5	56.6		56.5	56.1	56.8	57.1		56.8	56.2	55.9	56.5					56.7	355.0

July 8, 1916
48-Hyatt, Wight

Diagram X Section Stationing
Orange Ave E & W of Wabash Ave



X Sections Anna
E & W of Wabash
See Sketch Page 26

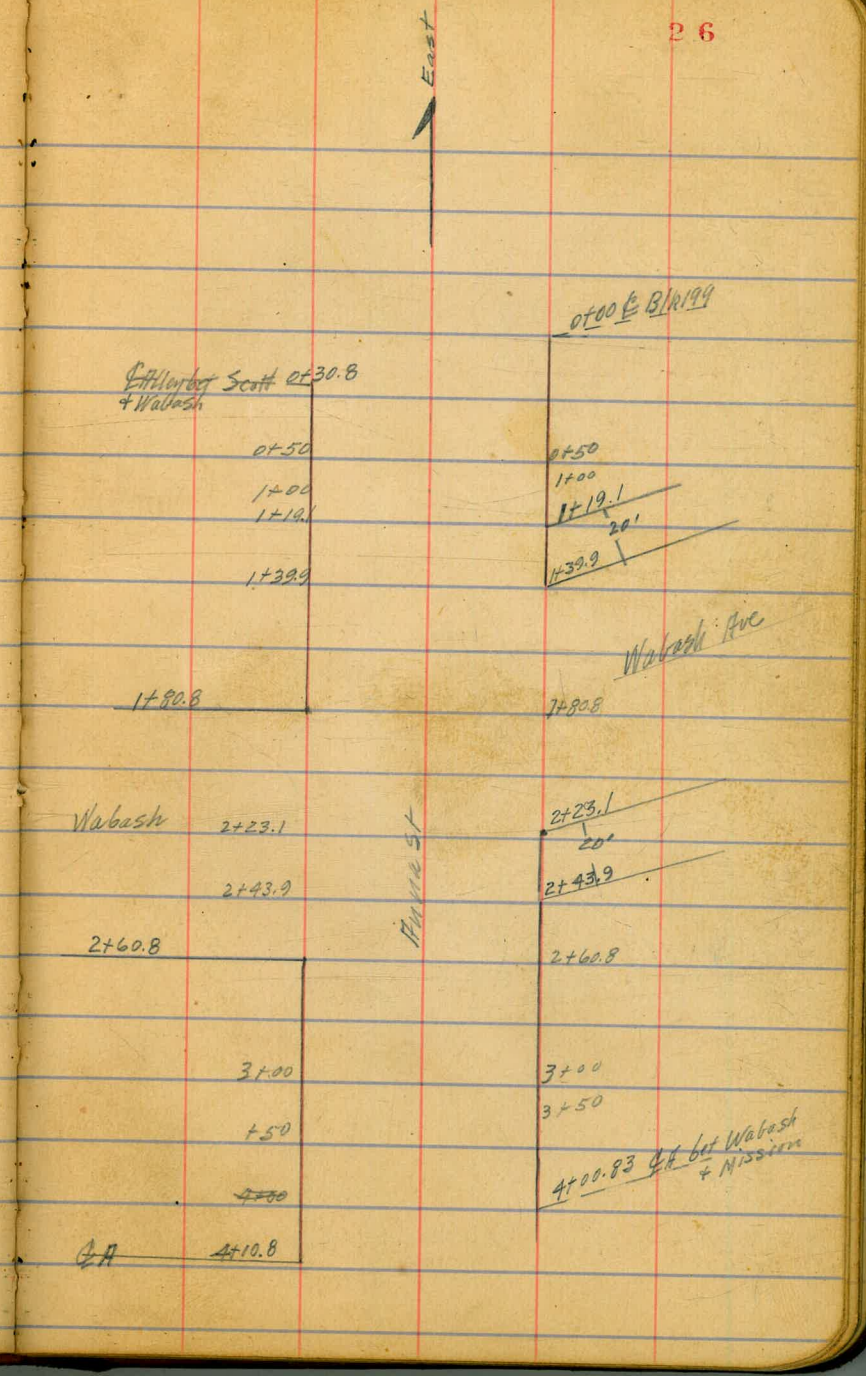
Rods Reduced July 14-16 [illegible]

July 12-1916
40-Hyatt-Wright

Sta	+	HI	−	Elev		Grade	+20' N.P.L.	North				40 ft wide ℄			South	+20' S.P.L.	Grade
0+30.8 North					From Page	⊕0.1	2.8			+16 3.1		2.9			+17 3.2	3.0	~~0.1~~
0+00 South	1	362.26			23	359.65	59.5			59.2		59.4			59.1	59.3	359.25
0+50						0.0	3.2	+17 3.4	+10 4.6	+6 3.9		3.6	+9 3.4			5.0	−0.4 ⊕0.5
						359.06	59.1	58.9	57.7	58.4		58.7	58.9			57.3	357.73
1						⊖0.7	4.1	+19 4.2	+17 4.8	+11 5.5	+9 4.6	4.4		+8 4.4	+12 4.9	5.4	⊖0.7
						357.51	58.2	58.1	57.5	56.8	57.7	57.9		57.9	57.4	56.9	356.21
+19.1																6.6	⊖0.1
																55.7	355.63
+39.9						⊕1.0	5.0	+16 5.2	+13 5.7	+6 5.6		5.3	+9 5.4	+15 6.5		6.8	⊖0.5
						356.27	57.3	57.1	56.6	56.7		57.0	56.9	55.8		55.5	355.0
1+80.8						⊖1.7	5.6	+18 5.6	+15 6.2	+11 6.4		6.7		+5 6.6	+9 6.2	6.7	⊖0.6
						355.0	56.7	56.7	56.1	55.9		55.6		55.7	56.1	55.6	355.0
2+23.1						⊖1.8	5.3	+9 5.7				6.0	+19 6.5			6.5	⊖0.8
						355.17	57.0	56.6				56.3	55.8			55.8	355.0
2+43.9																6.4	
																55.86	354.98
2+60.8						⊖1.1	5.7		+15 6.0	+11 6.4	+9 6.1	6.0		+9 5.8	+14 6.5	6.4	⊖1.0
						355.5	56.6		56.3	55.9	56.2	56.3		56.5	55.8	55.9	354.96
3						⊖1.2	5.7	+13 6.0	+10 6.3			5.9	+6 5.8	+10 5.5	+16 6.2	5.9	⊖1.5
						355.42	56.6	56.3	56.0			56.4	56.5	56.8	56.1	56.4	354.90
+50						⊖1.4	5.6	+15 5.6	+10 6.4	+9 6.0		5.8			+12 5.8	6.5	⊖1.0
						355.32	56.7	56.7	55.9	56.3		56.5			56.5	55.8	354.82
4+00.83S						⊖1.4	5.7	+13 5.8	+10 6.4			6.0	+13 6.1			6.6	⊖1.0
4+10.8N						355.2	56.6	56.5	55.9			56.3	56.2			55.7	354.75
BM			7.56	354.70	SB 354.73												
T.P.			6.80	355.49													

Pipe NE Anna & Mission

New hub SE Wab & Anna.


East
0+00 ℄ Blk 199
℄ Herbert Scott 0+30.8
& Wabash
0+50
1+00
1+19.1
1+39.9
1+80.8
Wabash Ave
1+80.8
Wabash
2+23.1
2+43.9
2+60.8
Fourth St
2+23.1
20'
2+43.9
2+60.8
3+00
+50
~~4+00~~
~~℄~~ 4+10.8
3+00
3+50
4+00.83 ℄ bet Wabash
+ Mission

X Sections Wabash - 4 feet on side of ℄
Anna South
For Sta See Sketch Page 28

Sta	+	H.I.	−	Elev	Page 25 Grade
T.P.				355.49	
0+21.59 E					
0+05.92 W	2.09	357.58			355.0
0+50					354.08
1					353.05
+50					352.07
2					350.99
+30					
+50 ✓					350.37
3 ✓					349.96
+50 ✓					348.93
4 ✓					347.90
TP on 4+50 E					346.87
+50 ✓			8.67	348.91	345.84
5 ✓	3.73	352.64			344.81
5+50 E ✓					
+39.18 W					344.0
N.L. Steiner 5+39.18 W +09.28 E			−		344.0
					SB 352.83
BM			-.22	352.86	

11
0.86
2.2

Rods Reduced July 14-1916 AB

Portion 85' wide 40' each side of ℄

July 13-1916 AB Page 27 w 1961

20' E of ℄ +40 N.L. Wabash

℄

20' W of E.L. Wab +40 E.L.

on Nov Wab SE Anna & Wabash

+0.8	1.8 / 55.8		+38 2.2 / 55.4	+27 2.6 / 55.0	+13 2.0 / 55.6	2.1 / 55.5		+22 2.5 / 55.1	+27 2.3 / 55.3	2.1 / 55.5	℄ 0.5 / 355.0
+0.4	3.1 / 54.5		+29 3.2 / 54.4	+24 3.7 / 53.9	+9 3.8 / 53.8	3.3 / 54.3	+13 3.6 / 54.0	+19 4.1 / 53.5	+30 3.2 / 54.4	+33 3.4 / 54.2	3.0 / 54.6	0.0 / 354.61
−⊕1.0	5.6 / 52.0		+33 5.6 / 52.0	+17 4.8 / 52.8	5.6 / 52.0				+29 5.8 / 51.8	+34 5.1 / 51.9	5.1 / 52.5	⊕1.1 / 353.65
−⊕3.0	8.7 / 48.9		+27 9.3 / 48.3	+23 9.0 / 48.6	+15 8.4 / 48.9	7.6 / 50.6	W +11 7.0 / 51.4	E +21 6.2 / 52.7	4.9		4.2 / 53.4 ✓	℄ 0.8 / 352.69
−⊕5.6	+30 12.6 / 48.0	12.2 / 45.4		+34 11.6 / 46.0	+15 7.7 / 47.9	6.2 / 51.4		+18 5.4 / 52.2	+29 5.0 / 52.6		4.2 ✓ / 53.4	℄ 1.7 / 351.74
−⊕6.3		13.5 / 44.1										
−⊕2.0	9.6 / 48.0		+28 8.8 / 48.8	+9 7.7 / 49.9		6.5 / 51.1		+15 5.5 / 52.1	+29 4.0 / 53.6	+34 4.1 / 53.2	3.8 / 53.8	℄ 3.0 / 351.16
−⊕0.6	9.3 / 48.3			+31 8.4 / 49.2	+17 7.4 / 50.2	6.2 / 51.4			+10 5.9 / 51.7	+27 5.6 / 52.0	5.1 / 52.5 ✓	℄ 2.7 / 350.77
−⊕0.8	10.3 / 47.1		+33 9.3 / 48.3	+16 9.0 / 48.6		7.9 / 49.7	+13 7.4 / 50.2	+30 5.3 / 50.3			6.9 / 50.7 ✓	℄ 1.9 / 349.81
+⊖0.3	10.4 / 47.2			+24 9.1 / 47.9	+17 9.2 / 48.4	8.6 / 49.0			+16 8.5 / 49.1	+25 8.1 / 49.5	7.9 / 49.7 ✓	℄ 1.9 / 348.84
+⊖1.1	10.7 / 46.9		+24 10.5 / 47.1	+13 10.0 / 47.6		9.8 / 47.8	+23 9.0 / 48.6				8.7 / 48.9 ✓	℄ 2.0 / 347.87
+⊖1.5	6.3 / 46.3			+29 5.6 / 47.0		5.2 / 47.4	+10 5.0 / 47.6		+25 5.0 / 47.6		4.5 / 48.1 ✓	℄ 2.2 / 346.90
+⊖1.6	7.0 / 45.6		+24 6.4 / 46.2	+9 6.2 / 46.4		6.2 / 46.4	+20 5.4 / 47.2	+31 5.1 / 47.5			4.7 ✓ / 47.9	℄ 2.9 / 345.93
+⊖1.6	7.0 / 45.6		+18 7.1 / 45.5	+33 6.4 / 46.2	+18 6.6 / 46.0	6.1 / 46.5		+13 5.9 / 46.7	+34 5.5 / 47.1		4.8 / 47.8	℄ 3.8 / 344.96
												344.0

Pipe 43' E & 2' N of NE Scott & Steiner

Wabash – Anna to Filmore

XS Δ 36°52' = .24995 Sec 80' = 100'

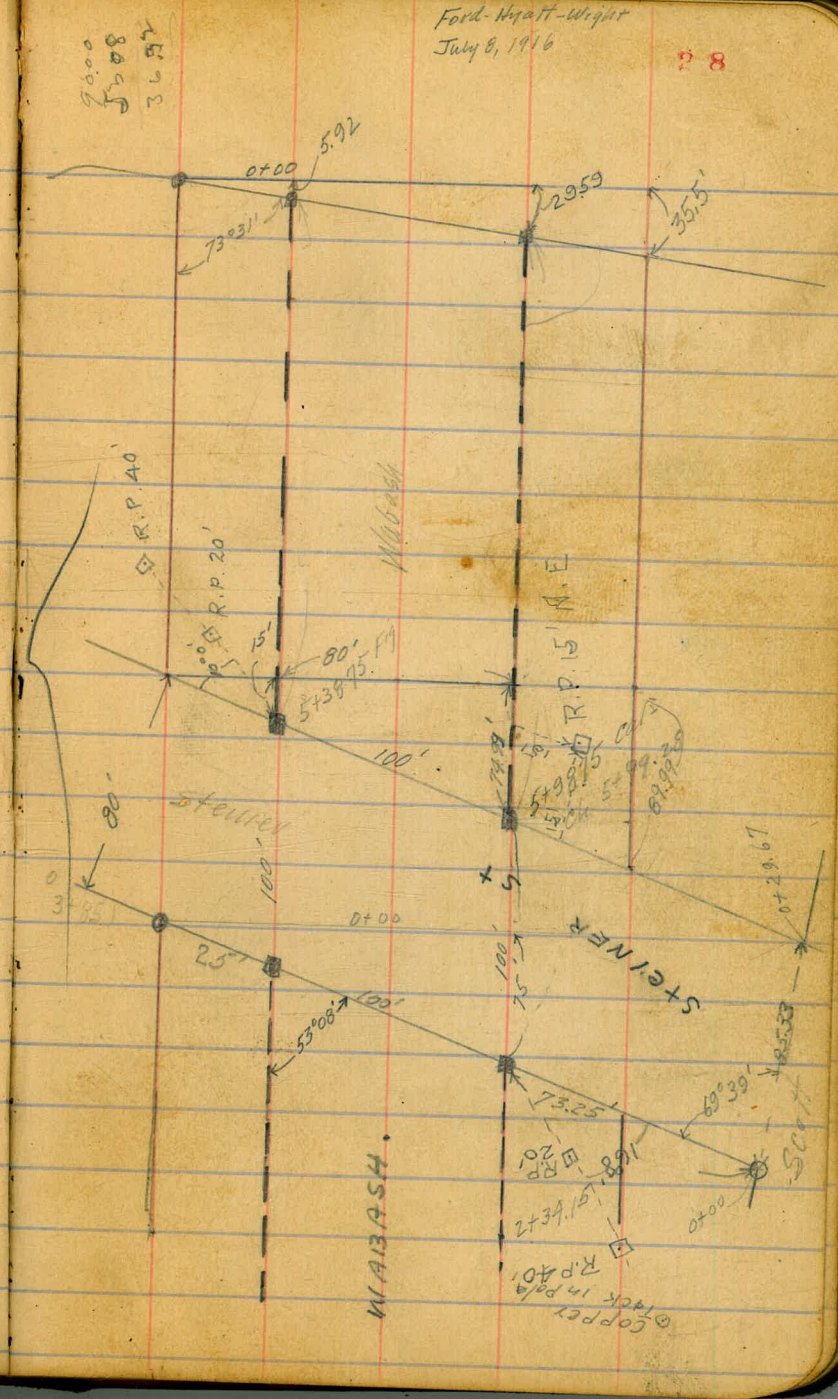
Tan Δ " " = .74991 0

XS Δ 16°29' = .04286 Sec 80' = 83.23

Tan Δ 16°29' .29590

Ford-Hyatt-Wright
July 8, 1916

28



XSections Sewer E & Wif Wash
See Sketch page 28

Sta	+	HI	−	Elev	
		352.64			Grade
0+00 S					
0+29.59 N					349.2
0+50					
S.E. Cor					348.16
0+73.25					
1					
NE Wad					345.63
+32.25					
					344.0
+50					
S.W. Cor					344.0
+73.25					
+98.25					
2+32.25	(2+32.25 NW Grade 344.0)				344.0
+50					
					343.81
3					
					343.30
+50					
3+85.15					342.79
4+00 North					
					342.28
4+45 N					341.82

14000
135.25
67

Rods reduced
Aug. 8 1916
By E.F.H.

July 13 1916
45 Knoll
Wright
South

29

North — 80' Wide — South

+40' NPL																								+40' SPL	Grade
		HI from Page 27																							
−0.1	3.3	+35	+30	+29	4.1									+29										6.1	Grade
		4.3	4.1	4.1										5.6											
(+0.1)	49.3	48.3		48.5		48.5								47.0										46.5	⊖0.5
																									347.0
	2.7	+32	+27	+23	+21	N	4	2		+7		+13	+30											6.1	
−1.7	49.9	3.3	4.3	4.3	3.9	4.0	3.6			3.5		5.3	5.8											46.5	+1.7 ⊖0.9 X
+1.7		49.3	48.3	48.3	48.7	48.4	47.9			49.1		47.3	46.8												344.6
																								6.6	
																								46.0	⊖2.5
																									343.5
+	3.7	+37	+29	+21	+11	5.0				+9		+15												7.3	
		4.4	5.1	5.0	5.3					4.8		6.0													
−3.3	46.9	48.2	47.5	47.6	47.3	47.6				47.8		46.6												45.9	⊖1.8
																									343.5
+		48																							
−3.8	47.8																								
+		5.4	+26	+13	+4	5.8	+10			+13		+28												8.5	
			6.3	5.8	6.4		5.8			7.2		7.9													
−3.2	47.2	46.3		46.8	46.2	46.8		46.8		45.4		44.7												44.1	⊖0.6
																									343.5
																								9.2	
																								43.4	⊖0.1
																									343.5
																								9.5	
																								43.1	⊖0.1
																									343.22
+	6.4	+23	+19	+10		7.2	+6	+18	+26	+32														9.5	no Hub
		6.9	6.9	7.5			7.2	7.9	8.2	9.1															
−2.2	46.2	45.7	45.1	45.1		45.4	45.4	44.7	44.4	43.5														43.1	⊖0.1
																									343.20
+	7.4	+34	+25	+19	+5	7.8		+2	+7		+13	+32												10.8	
		8.1	8.2	7.6	8.4			6.8	7.3		9.5	10.7													
−1.4	45.2	44.5	44.4	45.0	44.2	44.8		45.8	45.3		43.1	41.9												41.8	⊖0.9
																									342.68
	8.5	+36	+17	+14	+2	7.9	+6	+14		+28	+35													11.3	
		9.9		9.4	9.9	9.2		8.1		8.6	11.9	11.1													
−0.8	44.1	42.7	43.2	42.7	43.4		44.5	44.0		40.7	41.5													41.3	⊖0.8
																									342.15
−0.9	10.7	+35	+23	+16	+5	+2	8.8		+5	+12	+27	+32												12.7	
		11.6	11.1	11.5	10.2	9.0			9.4	12.0	13.4	12.8													
+0.8	41.9	41.0	41.5	41.1	42.4	43.6			43.2	40.6	39.2	39.8												39.9	−⊖1.7
																									341.63
	12.7																								
⊖2.3	40.																								
	13.4	+23	+11		12.1	+5		+15	+25															see Mission	
⊖2.6		13.6	14.4			12.4		14.3	13.3																
	39.8	39.0	38.2		40.5	40.2		38.3	37.3																341.26

WABASH South LINE STEINER To Fillmore

X Sections Wabash 80' wide
40 ft each side of ℄ from
SL Steiner to Pavement NL Filmore
See sketch page 28

Sta	+	HI	−	Elev	
		352.64			
0+15 W 0+75 E					343-5
0+50 W 0+75 E					342.32
1+00 TPon 2+00 E					340.64
+50			11.78	340.86	
1+50	1.95	342.81			338.96
2+00					337.28
2+50 W 2+34.15 E					335.6
			9.54	333.27	
			5.72	337.09	

Rods reduced
Aug 8 1916 By
G.F.H.

July 13-1916
Al-Hyatt
Wight

30

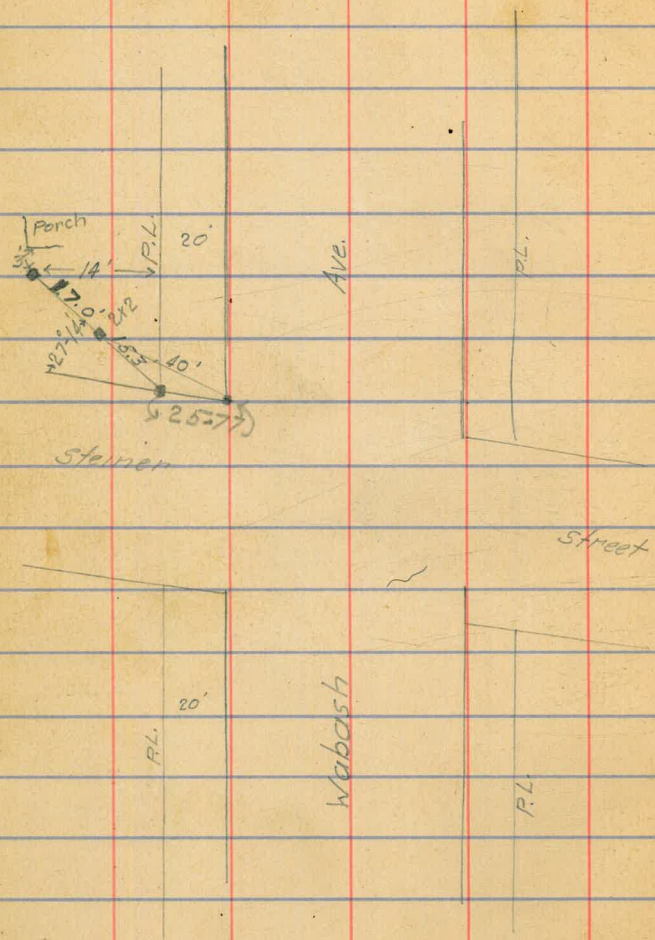
80' Wide

West 40' W of CL				℄			East 40' E of ℄	Grade
HI from page 29								
− ⊕0.1	9.2 43.4	+44 8.2 44.4	+37 8.4 44.2	8.0 44.6	+24 7.3 45.3	+44 6.5 46.1	6.6 46.0	± ⊖2.5 343.5
− ⊕0.2	10.5 42.1		+27 8.9 43.7	8.0 44.6		+20 7.2 45.4	6.6 46.0	± ⊖2.5 343.5
− ⊕1.6	13.6 39.0	+21 11.7 40.9		9.4 43.2	+25 8.2 44.4		7.3 45.3	± ⊖2.8 342.55
				12.5 40.1	+21 10.9 41.7	+27 9.9 42.7	9.0 43.6	⊕3.0 340.66
− ⊕1.5	5.4 37.4	+34 4.8 38.0	+7 3.9 38.9					
− ⊕1.9	7.4 35.4	+17 7.0 35.8		5.9 36.9	+13 4.8 38.0	+26 3.6 39.2	2.0 40.8	± ⊖2.0 338.78
− ⊕1.9	9.1 33.7		+29 8.9 33.9	7.2 35.6		+16 5.9 36.9	4.6 38.2	+ ⊖0.7 337.5

Top Pavement at PI Line 25' W of ℄ Wab + NL of Pavement

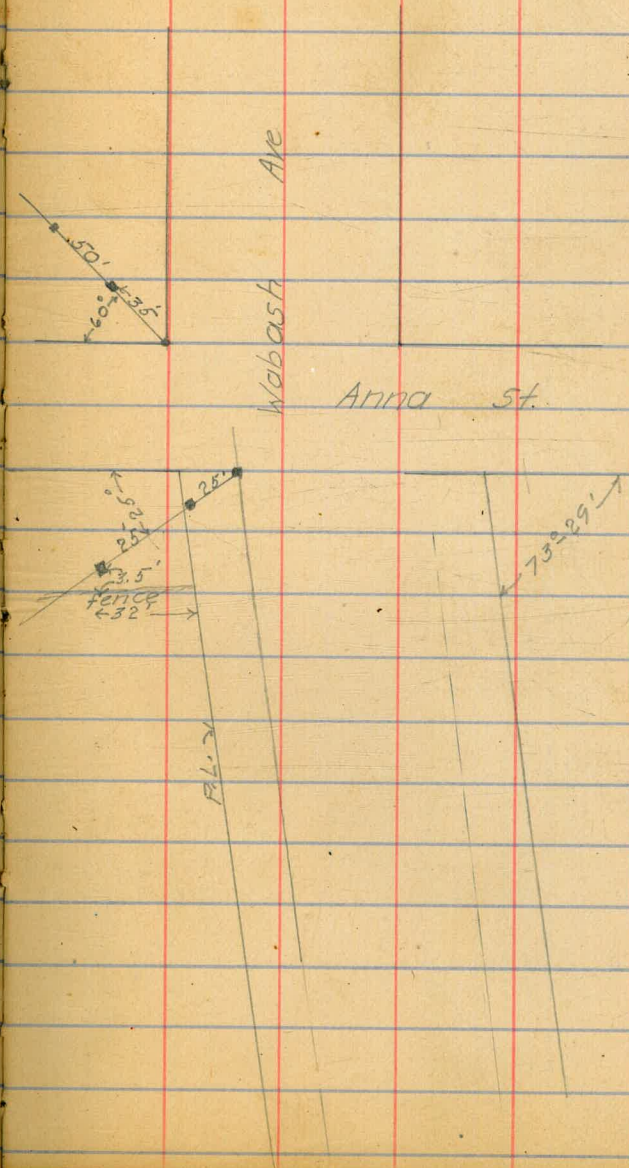
" " " " " " E " " " " " "

Reference pts. Wabash & Steiner



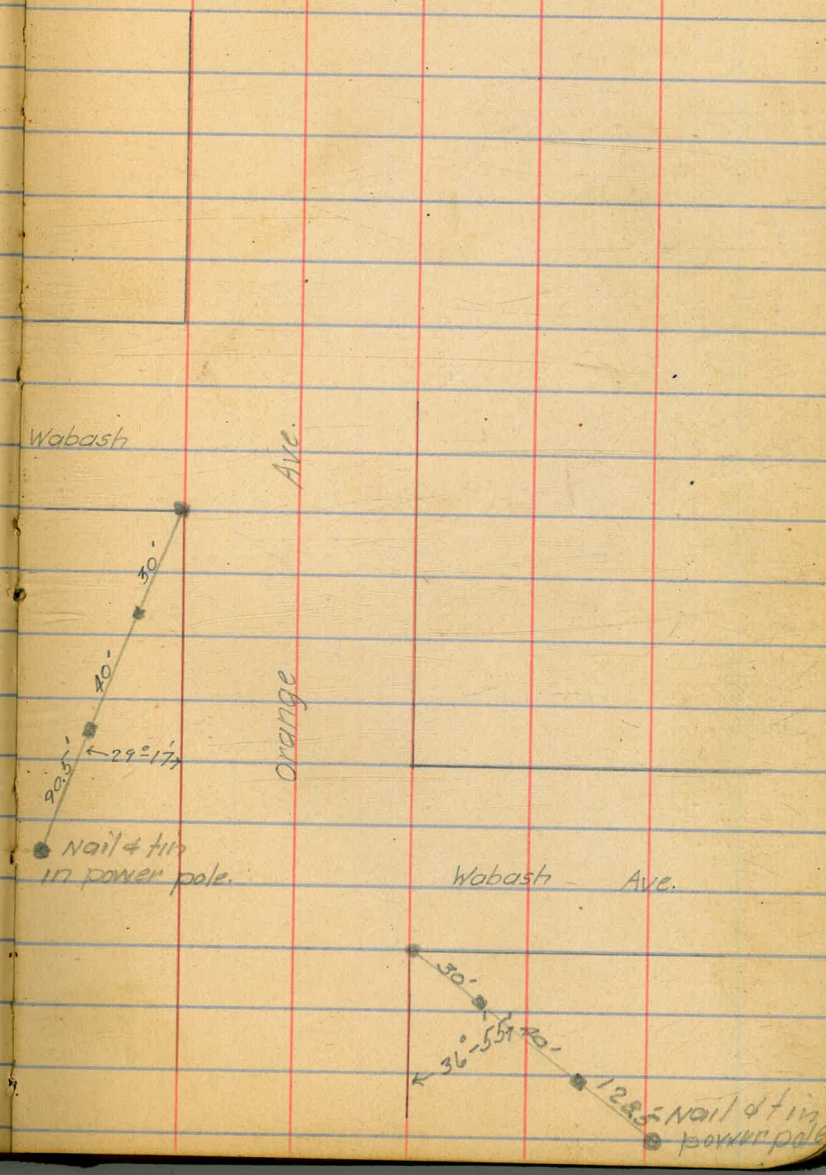
Sept 17. Hyatt Brooks

R.P.s Wabash & Anna St.



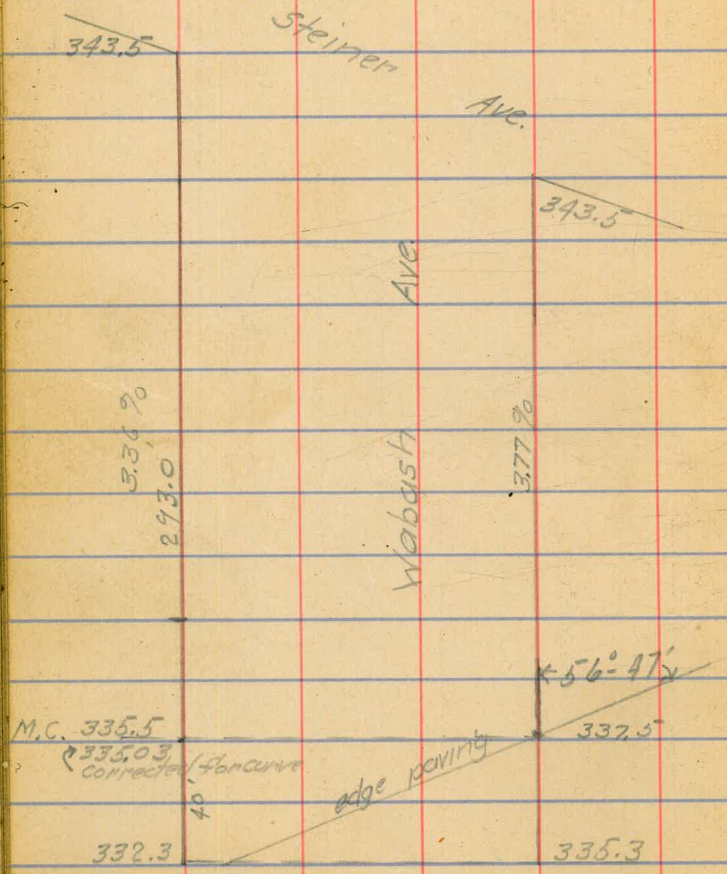
Hyatt
Wight
Sept 26, 17.

R.Ps Orange & Wabash.



Grades Wabash

Hyatt.
Sept 24, 1917.



Finish Stakes

Wabash from Steiner to Fillmore

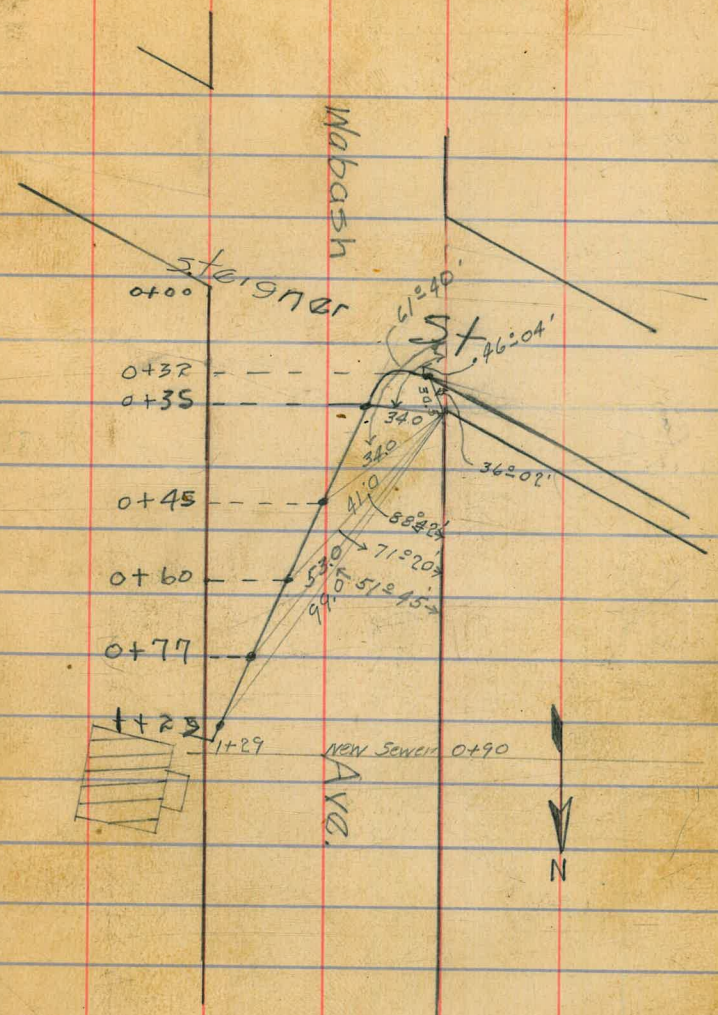
Hyatt
Wight
Sept 25, 17.

	+	H.I.	−	Elev	
B.M. Steiner & Wabash S.W. Cor	5.63	349.87	6.37	344.24 Grade 343.5	Pipe N.E. Mission & Steiner
B.M. 40' N of N.L. Fillmore	10.73	336.10	1.07	325.37 335.03	Pipe N.W. Mission & Fillmore
S.W. Cor Curb Stake N.W. Cor	5.22	348.72	4.72	343.5 344.0	
				335.03	
Fillemore N.E.	7.56	342.59	4.89	337.70	
Steiner S.E.				343.5	
Steiner N.E.	4.48	347.98	3.98	344.0	+3.2
Fillmore N.E.			10.32		
B.M. N.W. Steiner Wabash Grade	5.13	349.37	5.37	344.24 344.0	Pipe N.E. Mission & Steiner
			5.87	343.5	

Sewer

WABASH & STEINER

Sta.	+	H.I.	−	Elev.	Dist. from Prop. line.
B.M.					
Stake N.E. cor. → 3.3					
Ground N.W. cor → 5.0					
0+00					
0+32			7.0		63
0+35			6.7		57
0+45			6.2		50
0+60			5.8		40
0+77			5.7		31
1+25			5.3		5
B.M.				344.24	
0+32	5.13	349.37	5.8	343.6	59.8
0+36.6			5.8	343.6	55.4
0+44			5.1	344.3	50.0
0+69			4.8	344.6	39.5
0+77			4.7	344.7	30.2
1+20.5			4.0	345.4	3.0
			6.8	42.6	



App location cesspool.

210' pipe to rebuild.

Profile of Sewer Across Wabash
at Steiner

	+	H.I	−	Elev	
N.W. Steiner & Wabash Curb Stake				344.0	
0+00	7.82	351.82	3.1	348.7	
E.L. Wabash					
0+10			6.3	345.5	Top old pipe
0+50			5.6	346.2	
1+00			5.2	346.6	
1+50			6.3	345.5	
2+00			8.4	343.4	
2+15			9.4	342.4	

Finish Stakes Wabash from Anna to Steiner

B.M.				354.73	Pipe 11.6 E & 15.6 N Mission & Anna.
grade S.W. Wabash & Anna	6.13	360.86	5.86	355.0	
S.E. Wabash & Anna			5.86	355.0	
B.M.				344.24	Pipe N.E. Mission & Steiner
	5.22	349.46	5.46	344.0	
				344.0	
N.E. Wabash & Steiner Grade				344.0	
Wabash S.W.	4.75	348.75	5.25	343.5	
Steiner S.W.			4.21	344.54	
					Hyatt Wight Oct 24 17.
B.M.				354.73	Pipe 11.6' E & 15.6' N Mission & Anna.
S.W. Wabash & Anna Grade	5.30	360.03	5.07	354.96	
S.E.			3.76	356.27	
N.E.			4.53	355.5	
B.M.				354.73	Pipe 11.6' E & 15.6 N Mission & Anna.
	5.71	360.44	4.94	355.5	
N.E. Wabash Orange Grade			5.44	355.0	

Hyatt Wight Oct 8, 17.

	+	H.I.	—	Elev	
B.M. S.W. Orange Wabash Grade				368.09	10' N.E Mission & Orange.
	4.60	372.69	5.29	367.4	Hyatt Brooks Nov 2/7.
			4.69	368.0	
B.M. Grade N.E. Anna Wabash				354.73	pipe 11.6 E & 15.6 N Mission & Anna.
	5.60	360.33	5.33	355.0	
B.M.				368.09	10' N.E. 1st & Orange.
	4.21	372.30		368.0	

Welsh.
Pendleton
Wight.
6/28/17

℄ Sta.	△	Dist
67+67⁷	N0°30'W	
61+60⁷		687.6
60+80'	N13°9'W	65.5
60+14⁷	N43°58'W	197.3
58+49³	N25°28'W	46.3
58+03	N5°46'W	140.9
56+62'	N9°27'E	85.1
55+77	N26°41'E	134.8
54+42		

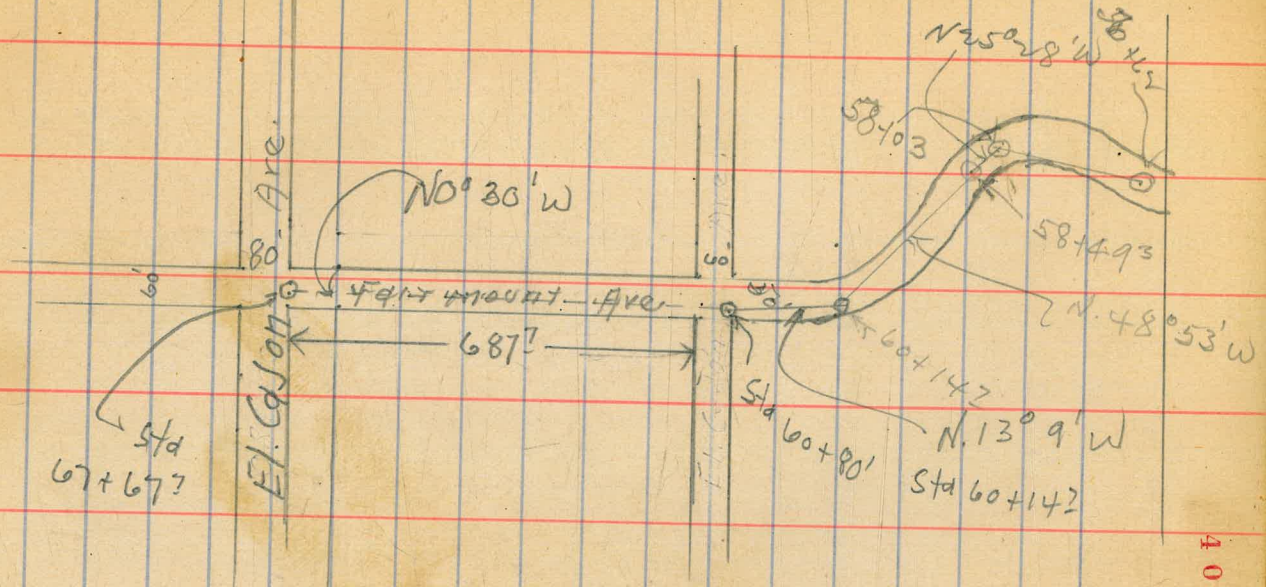
Road To Mission Valley
From End of Airmount To City Limits

10' W of intersection of El. Cajon & Fairmount

50' Road Bed 25' from Center
Determine W. Line.

Intersection of El. Cajon Ave.
10' W. of S.W. Cor of Minears Sub.

67+67⁷
61+60⁷
6+07⁰



N 25° 28' W
58+03
58+49
N. 48° 53' W
60+14
N. 13° 9' W
Std 60+14
Std 60+80'
N0° 30' W
80'
60'
Fairmount Ave
687
El Cajon
Std 67+67

Levels Wabash & Curb stakes. contd on P 43

	+	H.I.	−	Elev
B.M.				344.24
B.M. N.E	3.66	347.90	2.49	345.41
T.P.	0.98	346.39	6.29	340.10
B.M.	1.98	342.08	10.08	332.0
B.M	1.56	333.56	8.22	325.34 37 .03 3.13
B.M.				345.41
Grade N.W. Wabash & Steiner	3.56	348.97	4.97	344.0
S.W. Steiner			5.47	343.5
				345.41
	3.73	349.14	5.14	344.0
				345.41
N.E. Steiner	3.38	348.79	4.79	344.0
				345.41
S.E. Wabash	3.26	348.67	5.17	343.5
S.E. Steiner			4.44	344.23
			4.67	3.44

Hyatt Nov 13, 17.
Wight

Pipe N.E. Mission & Steiner

R.P. 20' N.W. of N.W. Cor Wabash & Steiner.

Curb N.E. Wabash & Fillmore.

Top east end curb bar N.W. Fillmore & Wabash

Pipe N.W. Mission & Fillmore.

R.P. 20' N.W. Wabash & Steiner

R.P. 20' N.W. Wabash & Steiner

" " " " "

" " " " "

Cort Procedings
of. Deed # 19762 - Lot # 22
Clare Cooper, Wds formity, Clara. McDermit

Deed # 19762 Represents.
Sherifs Sale { R.E. Cooper / Clare. Cooper } To { P. V. Morgan / $2,100.15 }

Note } given to Morgan
By Clare Cooper & R.C. Cooper
$3600.15

Look up Procedings of
outcome of Trial of.
E. H. Cooper, Vs
Ma. Cooper, Ethel. A -
Cooper, and P.E. Cooper.

B.M.				368.09	10' N.E. 1st & orange.
Grade N.W. Wabash & orange	8.22	376.31	5.21	371.1	
" " N.E.			4.61	371.7	
				369.53	
B.M.				340.10	Curb N.E. Wabash & Fillmore.
	2.27	342.37	4.67	337.7	
			4.13	338.24	
				340.10	
	3.40	343.50	~~4.28~~	~~339.22~~	
N.E. Fillmore & Wabash Grade P.T.			4.54	338.96	
B.M.				332.0	Top east end curb bar N.W. Fillmore & Wabash
	3.64	335.64	335.27	0.37	
			333.90	1.74	
	16.65	343.65		332.0	
			4.69	338.96	

Hyatt
Wight
Nov 20, 17.

Curb Stakes Wabash

	+	H.I.	−	Elev
B.M.	5.13	359.86		354.73
S.W. Wabash & Anna.			4.86	355.0
Grade				
S.E. on Anna.			3.60	356.26
S.W. Wabash & Ann.	4.60	359.5		355.0
			5.02	354.48
			4.90	354.60
			4.79	354.71
			4.67	354.83
			4.56	354.94
S.W. Anna.				
Grade	5.14	360.14		355.0
			3.88	356.26
			6.05	354.09
			5.72	354.42
			5.39	354.75
			5.05	355.09
			4.72	355.42
			4.39	355.75
			4.05	356.09

Pipe 11.6 E & 15.6 N Mission & Anna.

curb states Wabash

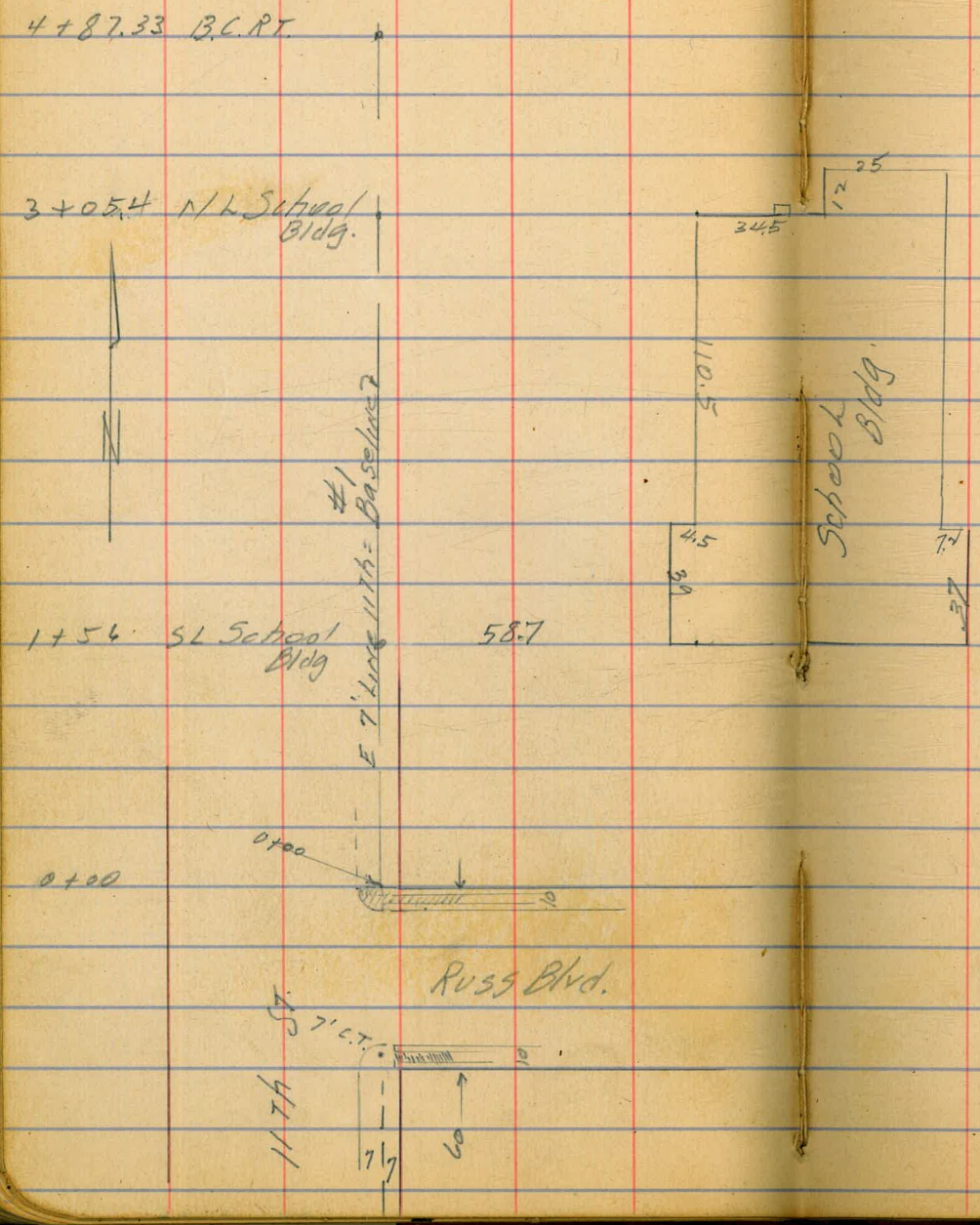
Hyatt
Wight

steinen						
N.W.	4.69	348.69		344.0		
P.L. steinen			4.94	343.75		
S.W. steinen	5.07	348.57		343.5		
P.L. steinen			5.33	343.24		
						Nov 2 717
	5.62	360.35		354.73	Pipe N.E. Mission & Anno	
			4.85	355.5		
			5.35	355.0		
						Hyatt Wight Dec 31 917
B.M.	4.67	372.76		368.09	Pipe 10' N.E. 1st & Orange	
Grade						
S.W. Orange			5.36	367.4		
S.E.			4.76	368.0		
B.M.	7.80	375.89		368.09	Pipe 10' N.E. 1st & Orange	
Grade						
N.W. Orange			4.79	371.1		
N.E. "			4.19	371.7		

Location & Contours of Part Time School Grounds 11th + Russ Blvd.

Moore 9-18-39.

Indexed C.S.K.



B.C. = 4+09.60 Rt.

8+76.38 = E.C. 5°44.25

8+50	5°20.6
8+00	4°34.4
7+50	3°52.2
7+00	3°08.0
6+50	2°23.8
6+00	1°39.6
5+50	0°55.4
5+00	0°11.2
4+87.33	B.C. Rt.

Baseline #1

Δ = 11°28'30"

R = 1942.56

225

225

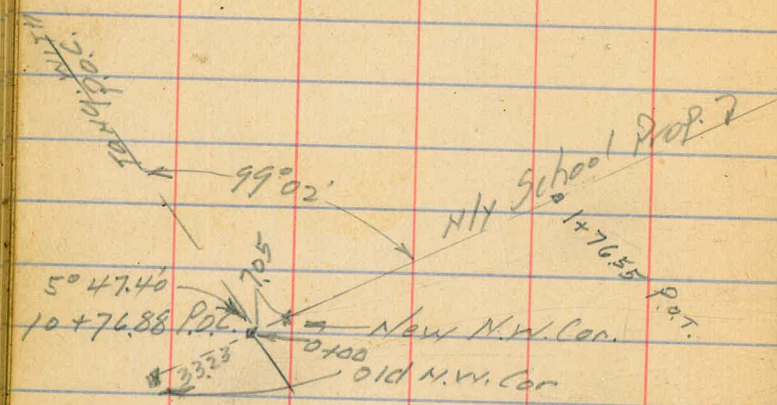
225

332

Baseline #2

R 1717.56

N



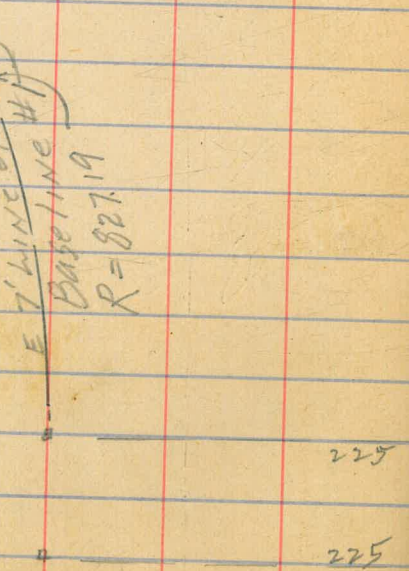
10+50 4°15.6

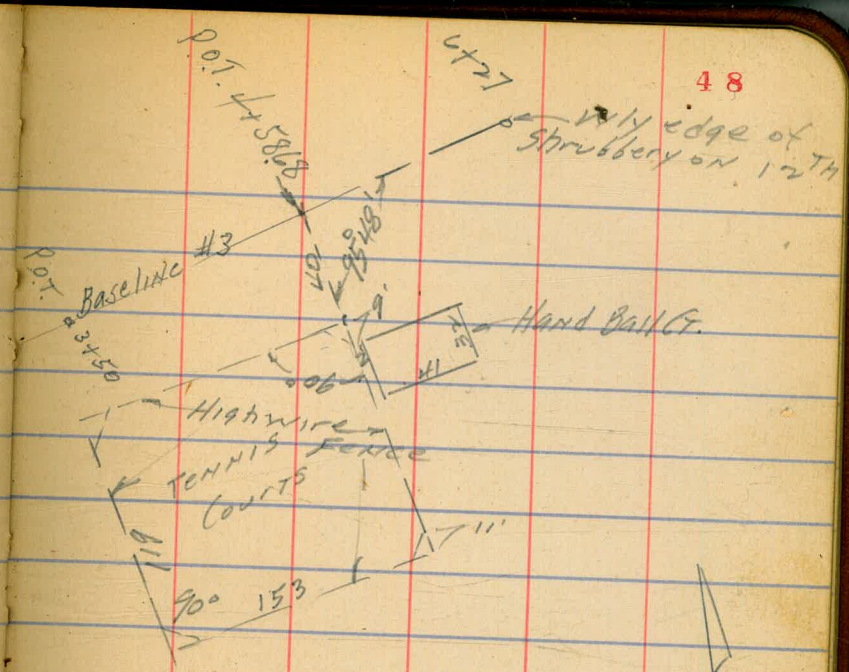
10+00 3°07.7

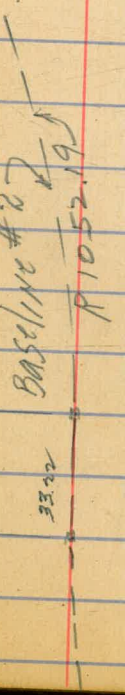
9+50 1°23.9

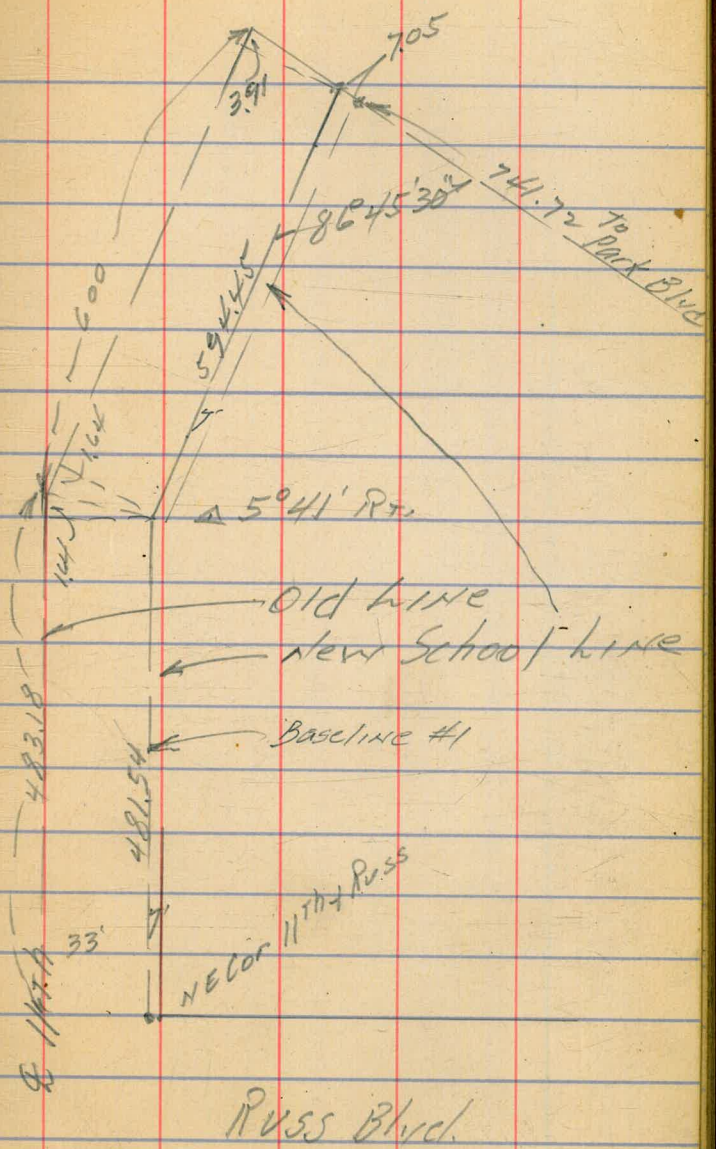
9+09.60 B.C. Lt.

8+76.38 E.C.








7.05
3.91
741.72 To Park Blvd
86°45'30"
600
5°41' Rt.
Old line
New School line
Baseline #1
483.18
481.54
33'
NE Cor 11th + Russ
Russ Blvd.

Contour Levels
N.E. 11th & Russ
School grounds

X sec at 90° on Tang.
" on Radial on Curves

LT. — Baseline #1 — RT

Station											
		83.0	82.8	89.9	90.5	95.8	98.2	105.5	112.5	113.6	117.3	118.7
0+80		31.5 / 33	31.7 / 18	24.6	24.0 / 25	18.7 / 37	16.3 / 50	9.0 / 90	2.0 / 103	0.9 / 155	+2.8 / 160	+4.2 / 174
		82.8		86.8	86.5	90.2	96.8	106.5	112.1	112.4	116.5	117.7
0+50		31.7 / 33		27.7	28.0 / 11	23.3 / 21	17.7 / 50	8.0 / 105	2.4 / 118	2.1 / 155	+2.0 / 160	+3.2 / 175
	83.1	83.9		86.9	96.5	103.3		111.1	109.5	109.3	113.7	114.5
0+20	31.4 / 25	30.6 / 4		27.6	19.0 / 50	11.2 / 100		3.4 / 150	5.0 / 155	5.2 / 167	0.8 / 170	0.0 / 178
		83.3	86.3	86.8	94.9	101.5		109.9	107.2	108.4	113.4	113.8
0+05		31.2 / 8	28.2 / 5	27.7	19.6 / 50	13.0 / 100		4.6 / 155	7.3 / 159	6.1 / 176	1.1 / 180	0.7 / 202
		83.3	83.7	85.3	92.0	98.5		105.4	105.8	108.0		111.8
0+00 N.L. Russ		31.2 / 7 90 T	30.6 / 7 C6	29.2	22.5 / 50	16.0 / 100		9.1 / 155	8.7 / 159	6.5 / 176		2.7 / 202

T.P.	1.16	114.53	3.36	113.37	
NWBP	11.26	116.73		105.47	12th & A

114.53

					LT.						RT.				
2+50					84.8 / 34.7 / 33	85.8 / 33.7 / 20	Baseline #1 92.3 / 27.2	99.7 / 19.8 / 25	100.4 / 19.1 / 30	100.7 / 18.8 / 63	115.0 / 4.5 / 123	114.6 / 4.9 / 141	124.5 / +5.0 / 154	125.5 / +6.0 / 157
2+00					84.4 / 35.1 / 33	85.8 / 33.7 / 20	92.3 / 27.2	100.4 / 19.1 / 25	102.0 / 17.5 / 63.2 = Shop Floor		115.0 / 4.5 / 123	115.0 / 4.5 / 141	124.0 / +4.5 / 153	124.1 / +4.6 / 158
T.P.	5.01	119.54	0.00	114.53					119.54					
1+56					83.5 / 31.0 / 33	84.8 / 29.7 / 18	91.3 / 23.2	97.7 / 16.8 / 23	97.5 / 17.0 / 30	100.2 / 14.3 / 58.7	106.5 / 8.0 / 92	113.5 / 0.8 / 116	115.1 / +0.6 / 151	121.9 / +7.4 / 163
1+30											107.3 / 7.2 / 94	112.8 / 1.7 / 124	113.9 / 0.6 / 126	
1+25					83.4 / 31.1 / 33	84.5 / 30.0 / 17	89.5 / 25.0	95.0 / 19.5 / 22	96.3 / 18.2 / 43	100.2 / 14.3 / 55	103.9 / 10.6 / 77	113.6 / 0.9 / 94	114.5 / 0.0 / 152	119.2 / +4.7 / 158	120.3 / +5.8 / 167
1+00					83.2 / 31.3 / 33	84.5 / 30.0 / 15	89.5 / 25.0	92.6 / 21.9 / 12	93.7 / 20.8 / 35	98.5 / 16.0 / 50	105.2 / 9.3 / 88	113.0 / 1.5 / 102	113.9 / 0.6 / 150	117.3 / +2.8 / 162	118.9 / +4.4 / 175
		114.53							114.53					

LT.

5+02	15' LT 24" dia. Pepper Tree	88.0	88.0
		31.5 / 33	31.5 / 23
5+00			
+87.33 B.C.			
		86.7	88.0
		32.8 / 33	31.5 / 17
4+50			
			86.6
			32.9 / 33
4+0			
			85.9
			33.6 / 33
3+50			
			85.7
			33.8 / 33
3+05.4			

119.54

RT.

24" Corr. Pipe F.L. Inlet	Baseline #1									
83.5	85.2	85.5	99.7	105.1	117.5	113.9	117.3			
36.0 / 16	34.3	34.0 / 13	19.8 / 50	14.4 / 73	2.0 / 94	5.6 / 146	2.2 / 149			
86.6	89.4		90.1	96.9	102.9	117.8	114.0	116.8		
32.9 / 33	30.1		29.4 / 15	22.6 / 40	16.6 / 75	1.7 / 97	5.5 / 140	2.7 / 150		
91.7	92.4	92.8	95.8	102.9	117.3	114.2	117.6			
27.8 / 9	27.1	26.7 / 21	23.7 / 25	16.6 / 70	2.2 / 95	5.3 / 144	1.9 / 147			
87.1	93.5	96.6	96.6	100.3	104.5	116.7	114.7	123.0	128.0	132.6
32.4 / 18	26.0	22.9 / 15	22.9 / 39	19.2 / 117	15.0 / 75	2.8 / 95	4.8 / 143	+3.5 / 139	+8.5 / 147	+13.1 / 205
86.7	90.6	98.1	98.3	102.9	109.2	115.4	114.6	123.5	127.8	130.6
32.8 / 13	28.9	21.4 / 23	21.2 / 51	16.6 / 60	10.3 / 90	4.1 / 110	4.9 / 143	+2.0 / 51	+8.3 / 21	+11.1 / 190
86.0	91.5		98.3	100.3	115.1	114.7		126.1	128.1	
33.5 / 17	28.0		20.2 / 25	19.2 / 63	4.4 / 123	4.8 / 141		+6.6 / 158	+8.6 / 166	

119.54

					Lt.		Rt.									
8+50					92.5 / 25.4 / 33		93.3 / 24.6 / 28	89.8 / 28.1 / 20	Baseline #1 93.0 / 24.9	96.5 / 21.4 / 32	110.1 / 7.8 / 55	110.1 / 7.8 / 100	112.6 / 5.3 / 140	114.6 / 3.3 / 181		
8+00					91.9 / 26.0 / 33	92.9 / 25.0 / 28	89.6 / 28.3 / 20	91.0 / 26.9	95.1 / 22.8 / 40	110.2 / 7.7 / 70	111.1 / 6.8 / 100	114.1 / 3.8 / 120	115.7 / 2.2 / 155	122.0 / +4.1 / 172		
7+50					91.0 / 26.9 / 33	92.1 / 25.8 / 27	89.3 / 28.6 / 20	90.3 / 27.6	93.3 / 24.6 / 25	101.4 / 16.5 / 50	110.1 / 7.8 / 81	114.8 / 3.1 / 130	117.9 / 0.0 / 164			
7+00					90.5 / 27.4 / 33	91.5 / 26.4 / 27	88.7 / 29.2 / 20	90.9 / 27.0	92.8 / 25.1 / 38	97.1 / 20.8 / 50	103.5 / 14.4 / 77	112.9 / 5.0 / 110	110.8 / 7.1 / 115	114.1 / 3.8 / 120	116.1 / 1.8 / 130	115.7 / 2.2 / 165
							36" Eucal Tree									
6+50					90.2 / 27.7 / 34	91.2 / 26.7 / 28	87.7 / 30.2 / 20	87.8 / 30.1	92.3 / 25.6 / 35	98.4 / 19.5 / 50	111.1 / 6.8 / 110	115.1 / 2.8 / 122	113.9 / 4.0 / 137	116.7 / 1.2 / 143		
T.P. Rock	1.71	117.92	3.33	116.21	For upper Levels						117.92					
6+00					88.4 / 31.1 / 33	89.3 / 30.2 / 27	85.4 / 34.1 / 20	86.0 / 33.5	87.1 / 32.4 / 16	95.5 / 24.0 / 30	113.1 / 6.4 / 73	117.9 / 1.6 / 93	113.4 / 6.1 / 147	116.7 / 2.8 / 150		
		119.54									119.54					

	LT					RT					
						Baseline #1					
10+76.88 P.O.C. on N L School Prop.				94.9	23.0 / 33	100.4 / 17.5	112.1 / 5.8 / 20	112.4 / 5.5 / 100	112.9 / 5.0 / 146		
10+50				94.6	23.3 / 33	102.4 / 15.5	112.2 / 5.7 / 51	112.3 / 5.6 / 100	113.0 / 4.9 / 148		
10+00				94.0	23.9 / 33	93.9 / 24.0 / 28	102.1 / 15.8	112.3 / 5.6 / 40	112.5 / 5.8 / 100	112.9 / 5.0 / 159	
9+50				93.5	24.4 / 33		99.0 / 18.9	109.9 / 8.0 / 35	112.3 / 5.6 / 40	112.4 / 5.5 / 100	113.3 / 4.6 / 170
9+09.60 BC LT		93.1 / 24.8 / 33	94.0 / 23.9 / 27	92.2 / 25.7 / 20		94.9 / 23.0 / 12	97.1 / 20.8	104.1 / 13.8 / 20	112.0 / 5.9 / 45	110.5 / 7.4 / 100	111.9 / 6.0 / 140	113.8 / 4.1 / 183
8+76.38 E.C				92.8 / 25.1 / 33	93.9 / 24.0 / 27	90.8 / 27.1 / 20	94.6 / 23.3	95.7 / 22.2 / 15	111.7 / 6.2 / 48	110.5 / 7.4 / 100	112.7 / 5.2 / 140	114.8 / 3.1 / 183

117.9r

117.9r

6					
+50					
5					
4+87.33	BC				
4+50					
T.P.	12.70	150.11	3.58	137.41	
T.P.	12.86	140.99	0.63	128.13	
El. classroom floor			13.40	115.36	
T.P. Rock	12.55	128.76		116.21	P 53

LT. Baseline #2 = 225' Rt. of Baseline #1 RT.

	125.4		135.9	142.0	143.6	142.1
	24.7/40		14.2	8.1/20	6.5/47	8.0/51
	127.7		137.4	139.4	139.3	
	22.4/35		12.7	10.7/10	10.8/30	
126.0	133.1	136.4	136.7	137.0		
24.1/50	17.0/25	13.7/8	13.4	13.1/8		
126.9	132.1	134.2	136.2	137.0		
23.2/50	18.0/30	15.9/25	13.9	13.1/8		
	127.4	133.1	135.0			
	22.7/50	17.0/25	15.1			

150.11

Station				
8				
7+50				
7+27				
T.P.	11.33	161.27	0.17	149.94
7				
6+75				
6+50				

150.11

LT		B.L. ¢			RT	
	152.3 9.0/27	154.7 6.6	155.3 6.0/50	156.0 5.3/100	156.6 4.7/130	151.6 9.7/145
	150.9 10.4/30	154.5 6.8	154.8 6.5/50	155.5 5.8/97	148.9 12.4/115	
	133.4 27.9/40	150.2 11.1	152.1 9.2/40	154.5 6.8/55	154.7 6.6/83	148.5 12.8/98
			161.27			
121.4 28.7/55	129.4 20.7/25	139.9 10.2	145.8 148.8 4.3/10 1.3/26	149.1 1.0/45	146.6 3.5/93	
	125.5 24.6/35	135.2 14.9	139.8 10.3/8	146.8 3.3/21		
	126.5 23.6/32	136.9 13.2	145.0 5.1/17	144.0 6.1/70		

150.11

					LT		B.L. #2		RT			
10					139.7 / 21.6 / 58	142.0 / 19.3 / 35	150.0 / 11.3	157.1 / 4.2 / 25	157.4 / 3.9 / 40			
9+50					144.1 / 17.2 / 42	151.5 / 9.8 / 10	155.9 / 5.4	156.8 / 4.5 / 40				
NE Cor "	"	1.8	159.5									
NW Cor "	"	2.9	158.4									
SW Cor "	"	3.7	157.6									
S.E. Cor. Tennis Ct.		2.3	159.0									
9+09.6 BC LT						155.4 / 5.9 / 8	156.0 / 5.3	156.3 / 5.0 / 50	156.6 / 4.7 / 100	157.6 / 3.7 / 150	158.8 / 2.5 / 200	157.7 / 3.6 / 204
8+76.38 E.C.						155.4 / 5.9 / 8	156.0 / 5.3	155.9 / 5.4 / 50	156.3 / 5.0 / 100	157.2 / 4.1 / 167	154.5 / 6.8 / 175	
8+50					141.7 / 19.6 / 37	155.3 / 6.0 / 17	155.5 / 5.8	155.8 / 5.5 / 50	156.3 / 5.0 / 100	156.9 / 4.4 / 152	154.1 / 7.2 / 167	

161.27

161.27

3+50 P.O.T.

3+00

2+50

2+00

1+53

10+76.88 = B.L. #3 = 0+00 P.O.C. Level on N/y School Prop.

10+50

10+20

161.27

LT. B.L. #3 RT = S/y

151.0 10.3 / 15

157.8 3.5

158.3 3.0 / 15

148.5 12.8

152.3 5.0 / 17

140.7 20.6

134.9 26.4

128.9 32.4

LT. = W/y B.L. #2

130.6 30.7 / 67

135.6 25.7 / 25

138.1 23.2

144.0 17.3

156.6 4.7 / 35

157.7 3.6 / 60

161.27

LT. BL. #3 RT = 5/4

NE Cor Hi School Gym Floor

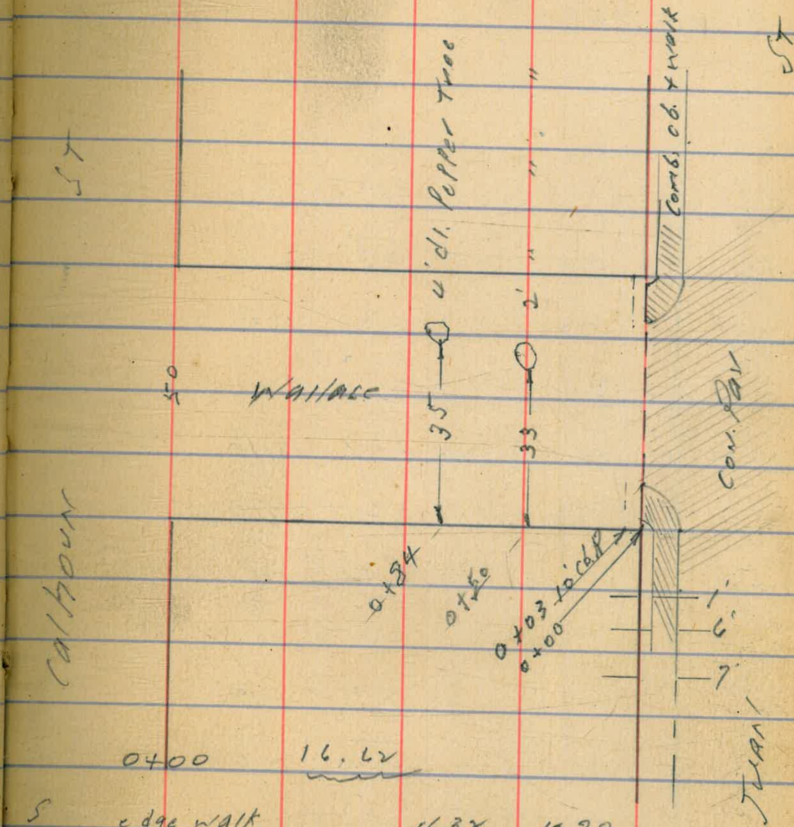
ch. to BMBP		+ 0.56	176.96	176.90 / 0.06	
T.P.	7.39	176.40	3.81	169.01	
6+27					
6+00					
5+50					
5+25					
5+00					
4+58.68 P.O.T.					
T.P.	11.77	172.82	0.22	161.05	
4+00					
		161.27			

			170.0 / 2.8				
	168.4 / 4.4 / 30	169.3 / 3.5	168.4 / 4.4 / 30				
163.8 / 9.0 / 30	167.5 / 5.3 / 13	167.3 / 5.5	167.9 / 4.9 / 25	165.6 / 7.2 / 34	164.8 / 8.0 / 57	165.7 / 7.1 / 65	
161.2 / 11.6 / 30	165.6 / 7.2 / 15	166.6 / 6.2	162.0 / 10.8 / 10	160.7 / 12.1 / 40	161.7 / 11.1 / 50	161.4 / 11.4 / 88	163.2 / 9.6 / 100
159.8 / 13.0 / 25	163.8 / 9.0 / 15	164.9 / 7.9	164.8 / 8.0 / 5	161.5 / 11.3 / 11	160.4 / 12.4 / 50	159.9 / 12.9 / 100	161.8 / 11.0 / 11.5
158.3 / 14.5 / 25	161.9 / 10.9 / 11	161.7 / 11.1	159.9 / 12.9 / 20				
			172.84				
155.2 / 6.1 / 20	159.4 / 1.9 / 11	159.3 / 2.0	159.3 / 2.0 / 20				
			161.27				

Chas Moore
SISSIIN
81155
9-27-39
9-27-39

x sec Wallace 50' wide
10' cbs
Juan to Calhoun

S.E.B.P.	11.90	16.62	4.72	Juan Taylor
		T		
0-25 = ℄ Juan				
-20	pav	4.61	12.01	
S	"	4.98	11.64	
C	"	5.42	11.20	
N	"	5.86	10.76	
+20	"	6.27	10.35	
0-7 = cb on Juan				
-10	cb	5.58	11.04	
-10	pav	5.88	10.74	
N	"	5.67	10.95	
N	cb	5.34	11.28	
C	pav	5.20	11.42	
S	cb	4.41	12.21	
S	pav	4.77	11.85	
+10	"	4.56	12.06	
+10	cb	4.22	12.40	



0+00 16.62

S	edge walk	4.32	12.30	
cb	Top = +94	4.52	12.10	
gut	Pav	5.03	11.59	
C	"	5.13	11.49	
gut	"	5.47	11.15	
cb	Top	4.96	11.66	
N	edge walk	5.26	11.36	

16.62

0+05				
N		4.2	12.4	
cb		4.2	12.4	
C		4.7	11.9	
cb		4.3	12.3	
S		3.4	13.0	
0+37				
~ 3.6 Ely edge do. gar		3.49	13.13	CEM
S		3.4	13.0	
cb		3.5	13.1	
C		4.1	12.5	
cb		3.7	12.9	
N		4.0	12.6	
0+55				
N		3.9	12.7	
cb		3.8	12.8	
C		4.1	12.5	
cb		3.5	13.1	
S		3.4	13.2	
+ 3.6 Wly edge do. gar.		3.48	13.19	CEM.

16.62

T.P.	4.30	17.37	3.55	13.07
0+91				
~ 6.4 Ely edge 6 Car gar.			4.14	13.23	CEM.
S			4.0	13.4
cb			3.0	14.4
C			4.5	12.9
cb			4.6	12.8
N			4.6	12.8
1+47				
N			4.7	12.7
cb			4.8	12.6
C			4.8	12.6
cb			4.5	12.9
S			4.6	12.8
+ 6.4 Wly 6 Car gar.			4.17	13.20	CEM.
1+80				
S			4.8	12.6
cb			4.8	12.6
C			5.0	12.4

cb		5.1	12.3	
N		4.7	12.7	
2+14				
N		4.9	12.5	
cb		5.2	12.2	
c		5.3	12.1	
cb		5.1	12.3	
S		4.5	12.9	
+ 6.4	Ely do. gas	4.02	13.35	cem
2+33				
− 6.4	w/y " "	4.02	13.35	"
S		4.4	12.8	
cb		4.8	12.6	
c		5.5	11.9	
cb		5.5	11.9	
N		4.9	12.5	
2+55	Ely Calhoun			
N		5.2	12.2	
cb		6.2	11.2	
c		6.0	11.4	

cb		5.5	11.5
S		4.8	12.6
E Calhoun			
S		5.2	12.2
c		5.7	11.7
N		6.2	11.2

Please check Return grades to Tom Allen's Profile.

Walker.
Bliss.
Isbell
3-19-40

LEVELS OVER EXISTING PAVING
IN ALLEY BLK. 5. Hartley's North Park
Between Hermon And 32nd Street
From LANDIS St, North.

N.W. B.P.
Landis
& 32nd

	7.94	346.41	33847
N-10' = N.cb. LANDIS.			
E-10' on cb.		5.41	341.00
E-10' " Paving.		5.87	340.54
E top cb. Alley Rt.		5.24	341.17
E on Pav.		5.68	340.73
E " "		5.52	340.89
W " "		5.32	341.09
W on cb.		4.81	341.60
+10' on Paving		5.17	341.24
0-0.5			
W cb.		4.73	341.68
" Paving Asphalt		4.90	341.51
E " "		5.26	341.15
E " "		5.19	341.22
E Top cb.		5.14	341.27
0+00 = N.L. Landis.			
E top cb.		5.14	341.27
E Gut on Paving Asphalt		5.17	341.24

INDEXED
EPB

	346.41	
E on Asphalt Paving	5.25	341.16
W " " "	4.90	341.51
W " top cb.	4.72	341.69
0+0.6'		
W on Conc. Paving.	4.93	341.48
E " " "	5.32	341.09
E " Asphalt Patch.	5.26	341.15
E " " "	5.20	341.21
E " Conc Paving.	5.30	341.11
0+15		
E on Conc. Paving	5.25	341.16
E " " "	5.30	341.11
E " Asphalt Patch.	5.25	341.16
W on Conc. Paving	4.94	341.47
0+29.5		
W on Conc Pav.	4.87	341.54
E " " "	5.20	341.21
E " " "	5.11	341.30
0+30.5		
E on Conc. Paving	5.09	341.32

Reduced & Plot on 1" = 20' Hor.
3-20-40 1" = 1.5 Ver.

346.41

℄ on Conc. Paving	5.19	341.22
W " " "	4.86	341.55
0+44.7		
W on Conc. Paving	4.74	341.67
℄ " " "	5.15	341.26
E " " "	5.04	341.37
0+59.2		
E on Conc. Paving	4.91	341.50
℄ " " "	5.02	341.39
W " " "	4.68	341.73
0+60.2		
W on Conc Pav.	4.67	341.74
℄ " " "	5.03	341.38
E " " "	4.89	341.52
0+75		
E on Conc. Paving	4.82	341.59
℄ " " "	4.99	341.42
W " " "	4.64	341.77
0+89.5		
W on Conc Paving	4.65	341.76

℄ on Conc. Paving	4.93	341.48
E " " "	4.71	341.70
0+90.5		
E on Conc. Pav	4.71	341.70
℄ " " "	4.93	341.48
W " " "	4.66	341.75
T.P. 4.84 346.93	4.32	342.09
1+05		
W on Conc. Paving	5.07	341.86
℄ " " "	5.30	341.63
E " " "	5.08	341.85
1+20		
E on Conc Pav	5.06	341.87
℄ " " "	5.25	341.68
℄ " Asphalt Patch.	5.20	341.73
W on Conc Pav.	5.07	341.86
1+21		
W on Conc Pav.	5.03	341.90
℄ " " "	5.16	341.67
℄ " Asphalt Patch.	5.18	341.75

346.93

E. on Conc. Pav.		5.05	341.88
1+35			
E on Conc. Paving.		4.99	341.94
℄ " " "		5.17	341.76
℄ " Asphalt Patch		5.10	341.83
T.P.	4.89 346.98	4.84	342.09
W on Conc. Paving.		5.02	341.96
1+50.3			
W on Conc. Paving		4.85	342.13
℄ " " "		5.13	341.85
℄ " Asphalt Patch		5.06	341.92
E " Conc. Paving		4.99	341.99
1+51.3			
E on Conc Paving.		4.96	342.02
℄ " " "		5.08	341.90
℄ " Asphalt Patch		5.04	341.94
W " Conc. Paving		4.74	342.14 ?
1+65			
W. on Conc Paving		4.80	342.18
℄ " " "		5.17	341.81

346.98

℄ on Asphalt Patch		5.07	341.91
E " Conc. Paving		5.05	341.93
1+80.7			
E on Conc Paving		5.03	341.95
℄ " " "		5.18	341.80
℄ " Asphalt Patch		5.08	341.90
W " Conc. Paving		4.86	342.12
1+81.7			
W on Conc. Paving		4.84	342.14
℄ " " "		5.15	341.83
℄ " Asphalt Patch		5.09	341.89
E on Conc Pav.		5.05	341.93
1+96			
E on Conc. Pav.		4.94	342.04 Note: No More Patch Work
℄ " " "		5.03	341.95
W " " "		4.66	342.32
2+11.5			
W		4.65	342.33
℄		4.95	342.03
E		4.81	342.17

346.98

2+12.5				
E			4.87	342.11
℄			4.96	342.02
W			4.59	342.39
2+27.5				
W			4.50	342.48
℄			4.86	342.12
E			4.71	342.27
T.P.	4.91	347.43	4.46	342.52
2+42				
E			4.94	342.49
℄			5.13	342.30
W			4.78	342.65
2+43				
W			4.73	342.70
℄			5.11	342.32
E			4.95	342.48
2+58				
E			4.97	342.46
℄			5.13	342.30

347.43

W			4.74	342.69
2+73.3				
W			4.74	342.69
℄			5.05	341.38
E			4.93	342.50
2+74.3				
E			4.97	342.46
℄			5.08	342.35
W			4.79	342.64
2+86				
W			4.80	342.63
℄			5.10	342.33
E			4.96	342.47
2+98.5				
E			4.88	342.55
℄			5.09	342.34
W			4.78	342.65
2+99.5				
W			4.78	342.65
℄			5.13	342.30

		347.43		
E.			4.90	342.53
	3+17			
E.			4.79	342.64
℄			4.89	342.54
W.			4.48	342.95
T.P.	6.77	349.69	4.51	342.92
		3+35		
W			6.58	343.11
℄			6.91	342.78
E.			6.80	342.89
		3+36		
E.			6.78	342.91
℄			6.91	342.78
W			6.61	343.08
		3+51		
W			6.36	343.33
℄			6.66	343.03
E			6.49	343.20
		3+66.1		
E			6.31	343.38

		349.69		
℄			6.51	343.18
W			6.25	343.44
		3+67.1		
W			6.22	343.47
℄			6.46	343.23
E			6.24	343.45
		3+82.2		
E			6.12	343.57
℄			6.30	343.39
W			6.03	343.66
		3+97.7		
W			5.75	343.94
℄			6.02	343.67
E			5.83	343.86
		3+98.2		
E			5.81	343.88
℄			5.99	343.70
W			5.72	343.97
		4+13.5		
W			5.54	344.15

		349.69		
℄			5.80	343.89
E			5.62	344.07
		4+28.5		
E.			5.39	344.30
℄			5.54	344.15
W			5.22	344.47
		4+29.5		
W			5.17	344.52
℄			5.48	344.21
E.			5.32	344.37
TP	2.71	346.58	5.87	343.87
Chk. Starting			8.11	338.47 ✓

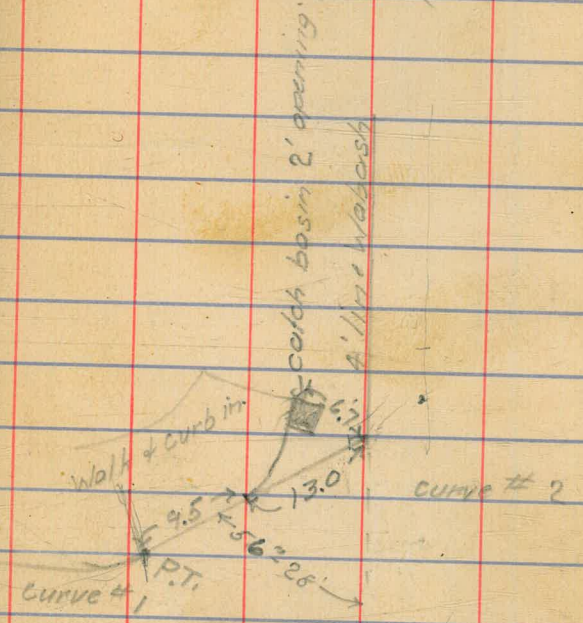
Return N.W. Fillmore & Wabash

Hunt
Wright
Nov 19, 17.

B.M. curv #1				325.37
P.T. #2	9.98	335.35	3.24	32.11
P.C.			2.95	32.40
end curb			2.66	32.69
catch basin bottom			4.4	30.95
" top			2.66	32.69
paving at int. with curb			1.93	33.42

Wabash

N.W. ~~Wabash~~ & Fillmore

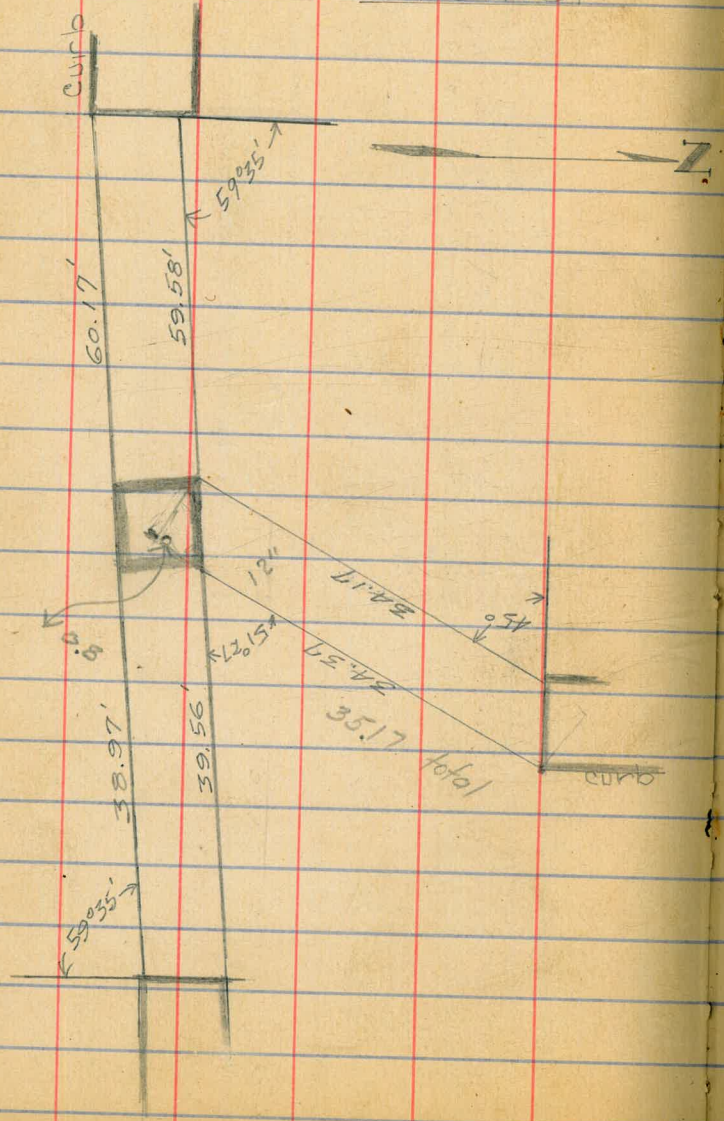


Culvert opening 1.3 X 1.6

Dist 45
Hyatt

Culverts
Wabash Ave.

Wabash & Steiner

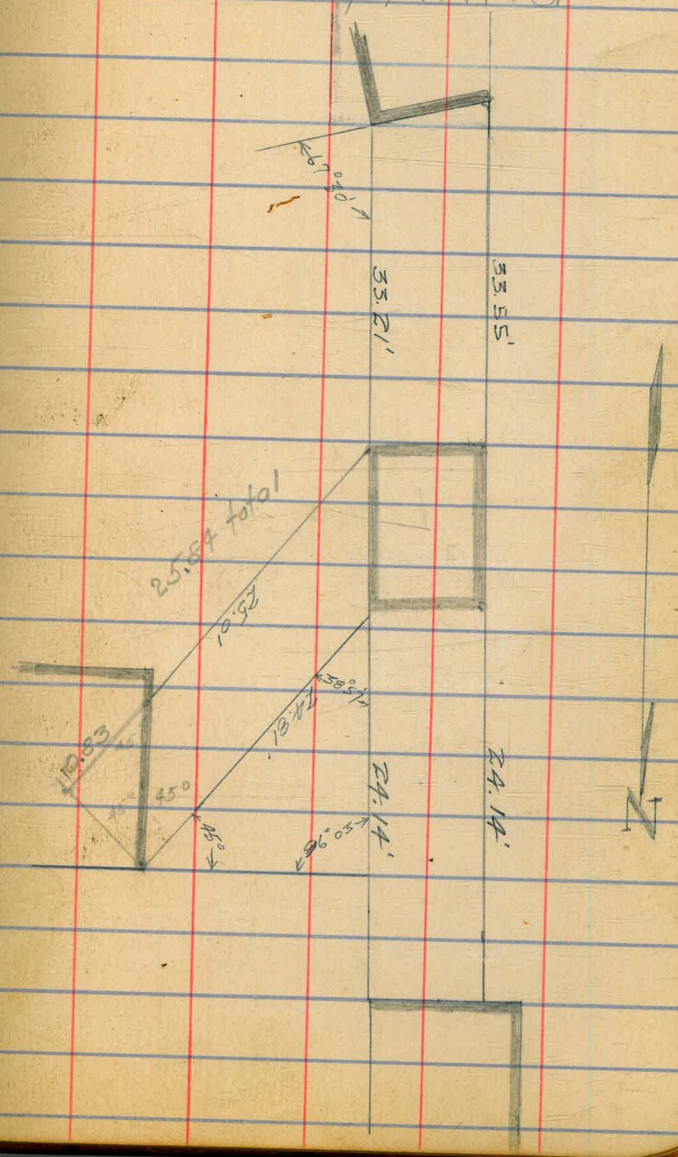


Dist 45
Hyatt

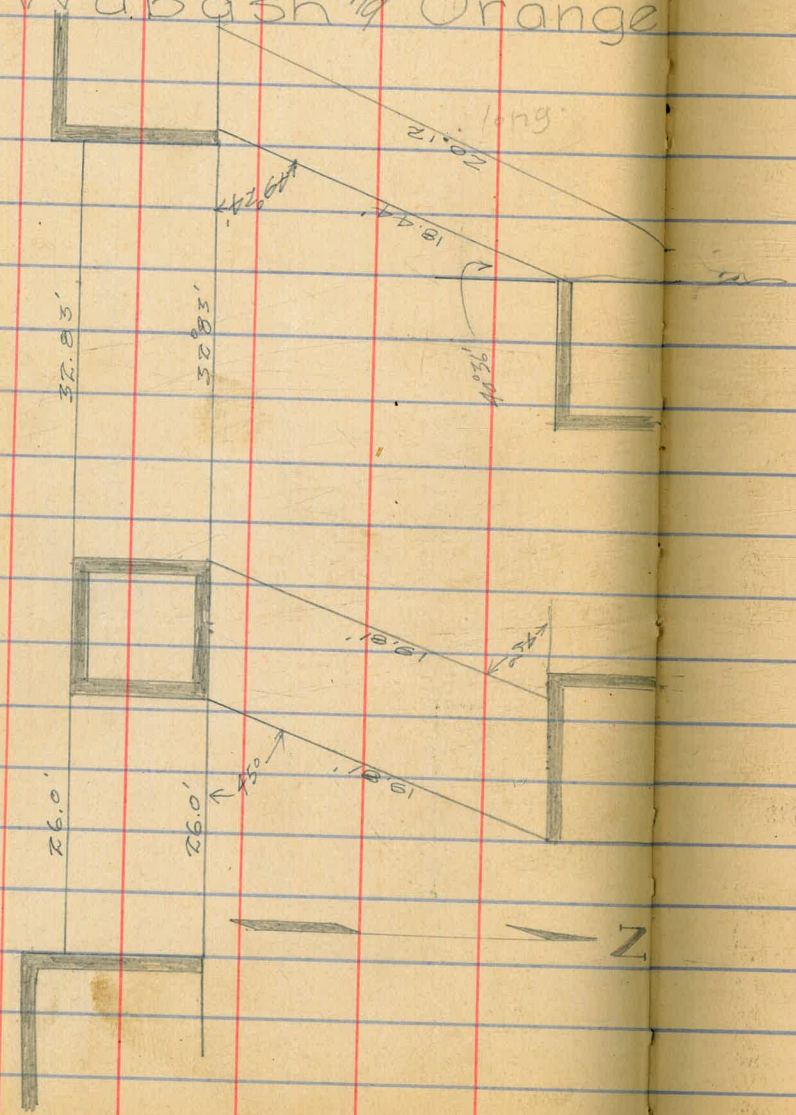
72

Culverts
Wabash Ave.

Wabash & Anna



Culverts
Wabash Ave
Wabash and Orange



H1 —

10.00

6.07	3.93	Bottom gutter East
5.07	4.93	" Curb "
4.85	5.15	" return East
4.77	5.23	" West
5.78	4.22	C.B. West
6.20	3.80	Curb East
5.90	4.10	" West

B.M	Scott & Steiner	352.89	Pipe 43' E & 2' N of NE Scott + Steiner

B

30.5
Ø1.5
9.0

2+50
1+73 2
76.75

Reference back corner
on anna st.

also orange.

27
16
162
27
1732
210

28 +N15' L29

Cal Mission
Rock - $1.20

176,90

1565

Guy pb[illegible] Block

2/12
6.00

54.49
51.45
2.97

35
13
2.1

9.5
30
2.850

41.82
39.2
2.62

EUGENE DIETZGEN CO.
MANUFACTURERS & IMPORTERS OF
DRAWING MATERIALS AND
SURVEYING INSTRUMENTS
NEW YORK, CHICAGO,
NEW ORLEANS & SAN FRANCISCO

ENGIN[illegible]G DEPARTMENT,
CITY [illegible] EAST SAN DIEGO.
CALIFORNIA.