

NORFOLK COUNTY

ENGINEERS DEPT.

No. 75

75

1

3

Inst.

Tape

Wthr & Temp.

Date

Crew

sin
mah
akes

2

Norfolk County

Hospital

July 9, 1937.

3

Cain
Minah
Fekkes

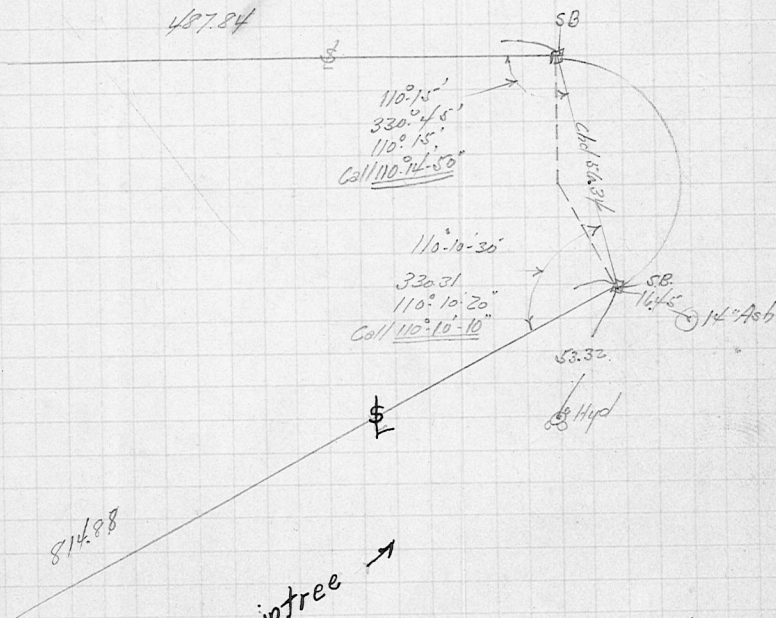
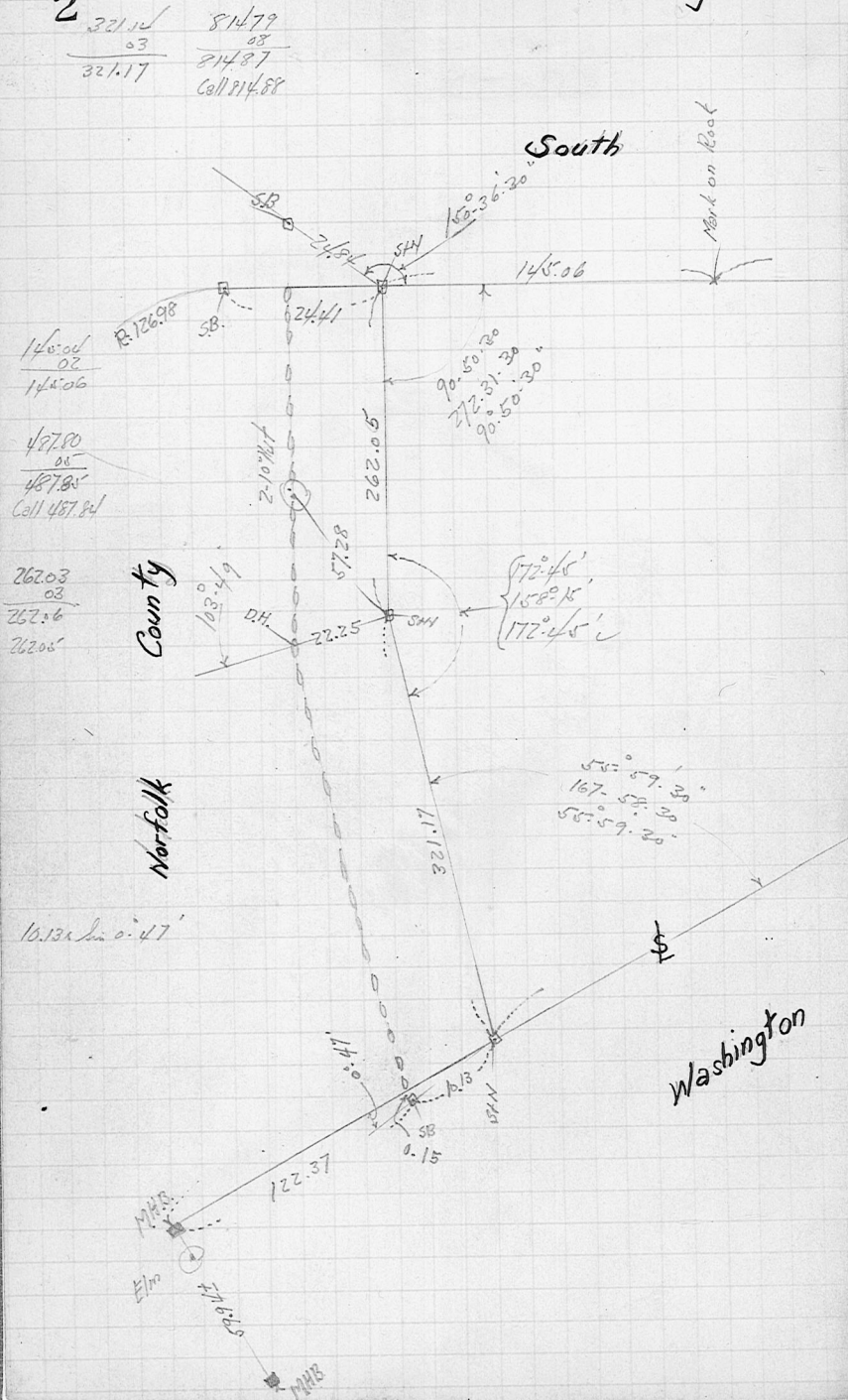
See C.B. #28/240

St. To Braintree →

St. To Braintree →

814.88

Washington

$$\begin{array}{r} 487.85 \\ 145.06 \\ 24.41 \\ \hline 657.32 \end{array}$$


M

Norfolk County Hospital

4

212.57 ~~212.57~~
391

T 214.68

3.53 212.95

5.39 211.09

0+36 5.7 210.8

140 5.65 211.03

3.56 212.92

5.19

218.11

3+65 0.26 217.85

215.8

3+20 4.1 214.0

212.95

5.32

218.27

3.63 214.64

3.88 214.39

1+50 6.0 212.27

7.65 210.62

Hyd 10' W/ly Dr. St. Ely Garage

+

HI

High Pt. on Boulder ingress plot

Top of pipe (Gr. 0.7 up)

Gutter Line of Drive

At Shrub

T.P. on Boulder opp. Wly Carhouse

+

HI

Bk. Base Board on Sill Dr. Ho.

Ground 2' Center

At Hedge

High Pt. on Boulder

+

HI

Rim of M.H. (Sewer) Sly End N. Ho.

" " (Drain) S. Wly Cor. N. Ho.

At edge of Drive

Top of Pipe at (T) on Steam Line

Levels to determine Steam Line to Dr. Resident

Ground 215.8 Dr. House

Top Pipe 211.09 Hosp. Corner

3.9

Grade at Pipe and out 211.09

.83

210.26

 $\frac{7}{10}$

Water Line at 6" pipe

At present Steam Line on Wly side of South St.

210.

210.66

212.3

Dr. Cellar 7.0 in Depth

210.6

1.7

H.L.W.

C.C.C.

H.F.

5

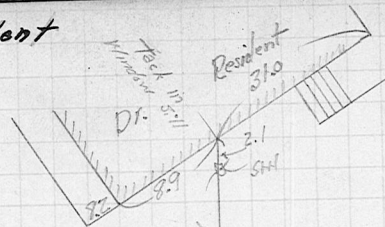
Norfolk County Hospital Steam Line to

Dr. Resident

June 23, 1938. 7

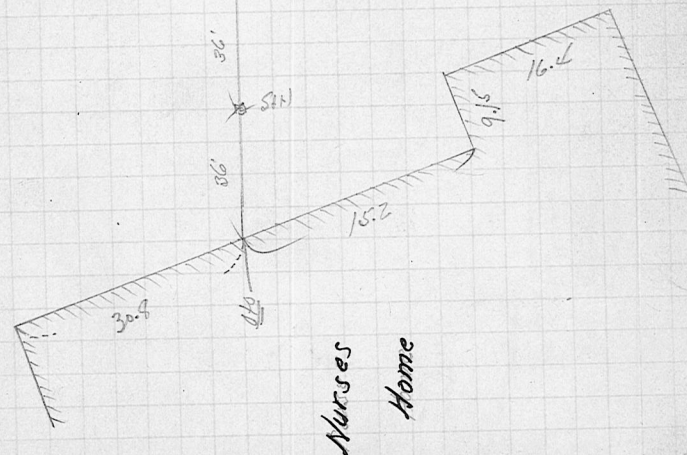
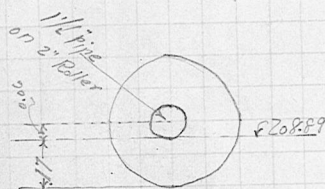
Cain
Fekkes

	212.95	212.75	Grade	Ups	High Pt. on Boulder in Triangle +
	6.11				
	219.06				
	4.42	214.64			Rim Sewer M.H. W/ End Horse Home
	16.19	208.87			Basement Floor at Sly Ent.
	3.92	215.14			Top of Foundation 6.25' to Floor
040	3.99	215.07	208.72	Down 1.35 to 5' line	Outside edge Conc. Water Table (6.625)
0413	4.65	214.41			edge Drive
0431.5	5.1	214.0			" "
0436	5.13	213.93	209.20	Up 2.7 to 5' line	StH also ground (C=4.73)
0461	5.45	213.6			edge drive
0472	5.63	213.43	209.68	Up 1.25	Spk (C=3.75)
0480	5.8	213.3			Edge Drive
1108	6.47	212.59	210.16	Up 2.57	StH (C=2.43)
1144	6.65	212.41	210.64	Up 3.23	StH + also ground and T.P. (C=1.77)
	5.41				HI
	217.82				Edge TW Jo. St.
1147	5.45	212.37			" " "
1159	5.2	212.6			Edge " " "
1171	5.2	212.6			StH (C=1.49)
1180	5.22	212.60	211.12	Up 3.52	StH (C=1.78)
2116	4.44	213.38	211.60	Up 3.22	Like Hedge
2130	4.4	213.4			
2152	2.89	214.93	212.08	Up 2.15	StH also ground (C=2.85)
2157	2.9	214.9			Edge Drive
2171	2.6	215.2			" "
2188	1.82	216.00	212.56	Up 1.56	StH (C=3.44)
2490.1	4.06	217.85	212.58	Down 0.30 to 5' line	At W/ end Celler Window (Sill or Bottom of Base board) (C=5.30)
	4.89	212.93	(212.92)		Boulder opp W/ly Car House Home
2488		216.00			StH
	15.4				+
	217.54				HI
	6.68	210.86			Cellar Floor of Dr. House



Basement Floor - 208.89 Call
208.72
Call 208.72 Grade of water
Line of 6" Tile pipe

2490.1 x 1.32 = 3.86
208.72
212.58



208.72
208.72
209.20
209.68
210.16
210.64
211.12
211.60
212.08
212.56
215.14
208.87

8

Inst.

Tape

Wthr & Temp.

Date

Crew

9

Inst.

Tape

Wthr & Temp.

Date

Crew

11

$$\begin{array}{r} 27 \\ 12 \\ \hline 15 \end{array} \quad \cos 239.30 - 9987239 = 1502$$

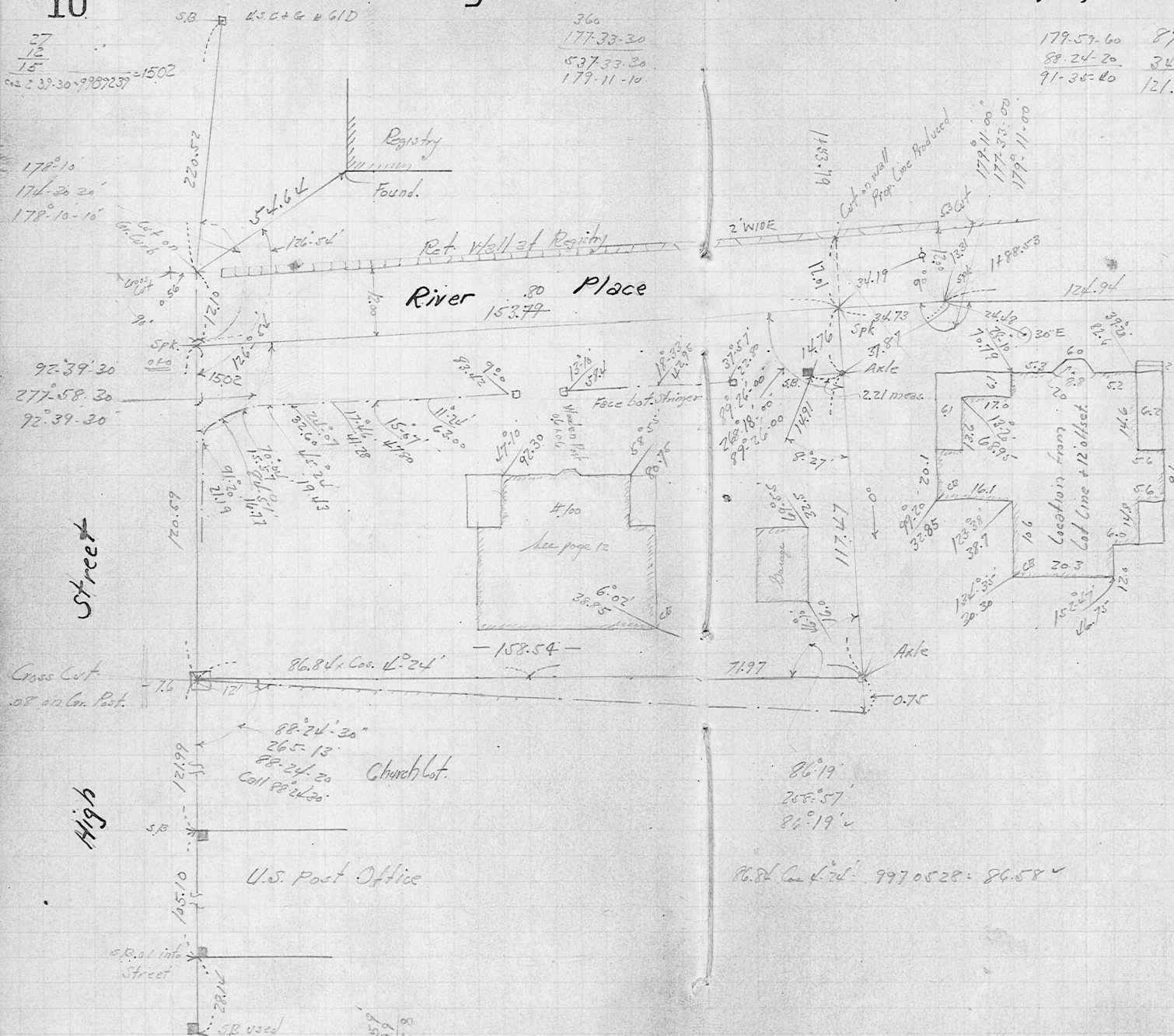
360
177-33-30
537-33-30
179-11-10

179-59-60	87.44	41.77
<u>88-24-20</u>	<u>34.55</u>	<u>30.20</u>
91-35-40	121.99	71.97

Cain
Minah
Fekkes

86.58
158.55

Call 158.54



Cont on page 13

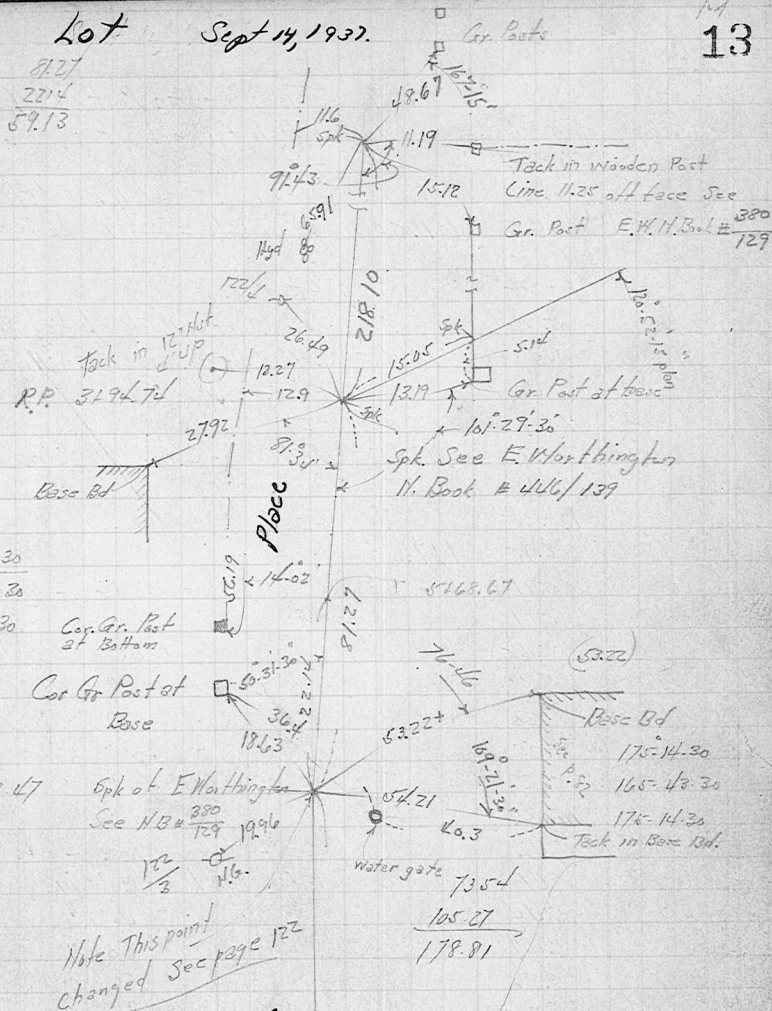
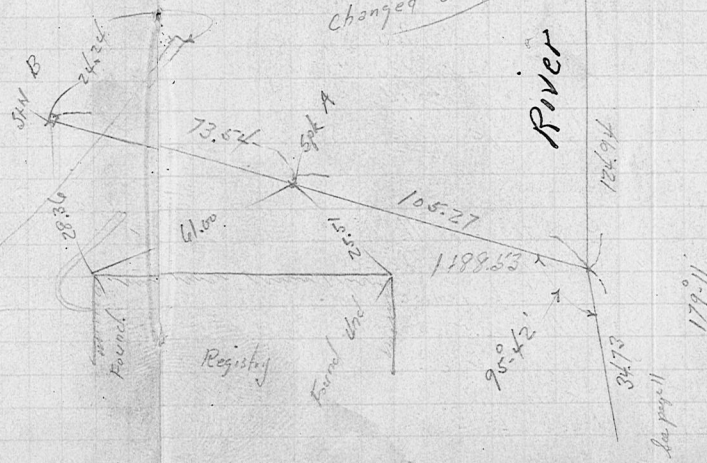
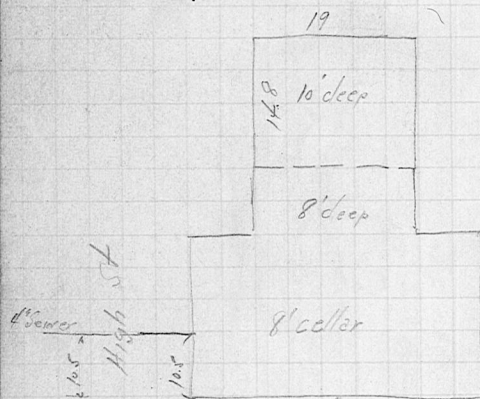
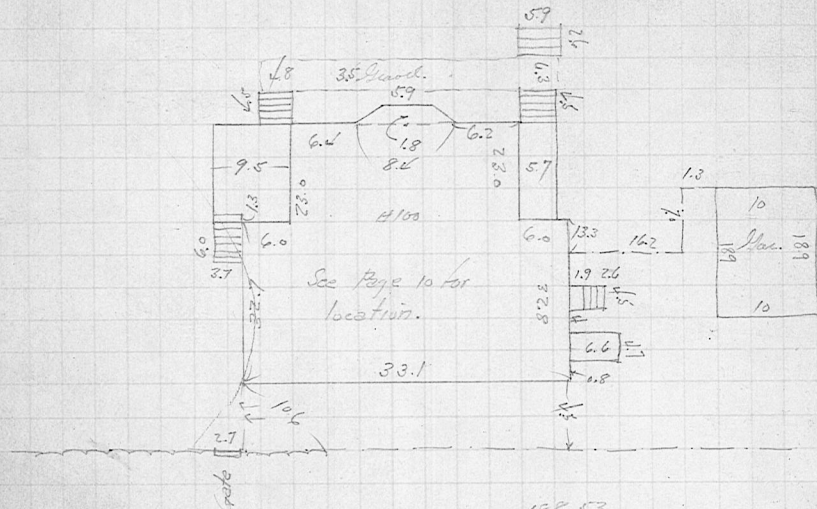
$$\begin{array}{r} 72.58 \\ 44.99 \\ \hline 117.47 \end{array}$$

97.39.20
89.26 00
86.19
91.35.60
360.00-10

86° 19'
258° 57'
86° 19' ✓

86.86 Coe 4-24-99 9970528 = 86.58 ✓

$$\begin{array}{r} 85272 \\ 12199 \\ \hline 12059 \end{array}$$



New Court House Lot at River

Place + High St.

	117.31	Top E of Cor. Post N Wly Cor	
0.96		High + Pearl St from E.W.	
118.27		(Dedham Base)	
3.25	115.02	H.I.	
8.47	109.80	S. Ely Cor. Reg Wall. 3' N Ely of E. High St	
3.05		Skt in Pole 4 122/1 See New Pole P. 74	
112.85		+	
5.70	107.15	H.I.	
1.40	111.45	Cross Cut 5' N Ely of Reg Wall	
5.45		S. Wly Cor Ho. on Conc. Sill near 140, 100 R	
116.93		+	
4.78	112.15	H.I.	
8.10		N Ely Cor of Conc. Walk to rear entrance	
120.25		+	
2.95	117.30	H.I.	
5.91	114.34	Back Wall at 160 Rt of R River Place	
5.61	114.64	" " " 140 " " " " "	
5.45	114.80	" " " 120 " " " " "	
5.38	114.87	" " " 100 " " " " "	
5.30	114.95	" " " 80 " " " " "	
5.25	115.00	" " " 60 " " " " "	
5.21	115.04	" " " 40 " " " " "	
5.27	114.98	" " " 20 " " " " "	
5.42	114.83	E of River Place + 0+0	
5.41	114.84	Edge Curb at 20' Line	
5.44	114.81	" " " 40 " " " " "	
5.49	114.76	" " " 60 " " " " "	
5.56	114.69	" " " 80 " " " " "	
5.58	114.67	" " " 100 " " " " "	
5.68	114.57	" " " 120 " " " " "	
5.75	114.50	" " " 140 " " " " "	
0+0 160 R	7.05	113.20	Also edge Drive
" 140 R	7.6	112.7	
" 120 R	7.5	112.8	
" 118 R	7.8	112.5	E 3' Grave Walk
" 100 R	7.7	112.6	On bank 4' to fence
	6.5	113.8	back fence above
0+0 80 R	7.1	113.2	On bank 2.5 to fence
	6.2	114.1	Back of fence
0+0 60 R	6.8	113.5	2.5 to "
	6.2	114.1	Back of "

	120.25		H.I.
0+0 40 R	6.2	114.1	1.2 to fence same elev.
" 20 R	5.45	114.80	0.2 "
	10.11	110.14	T.P. on Stone
	4.45		+
	114.59		H.I.
0+07 122 R	3.2	111.4	Reg of Ret at fence
0+20 120 R	4.95	109.64	
0+20 123 R	5.05	109.54	At Fence + Well Bot
" " "	3.9	110.7	" " " Top
0+20 117 R	5.7	109.5	E 3' Gravel Walk
0+12 115 R	4.15	110.44	edge " "
0+20 115 R	5.75	109.44	" " "
0+20 111 R	7.1	107.5	
0+20 100 R	7.7	106.9	
0+20 80 R	7.4	107.2	
0+20 60 R	7.3	107.3	
0+20 40 R	7.35	107.24	
0+20 24 R	7.0	107.6	Foot Bank
0+20 20 R	5.3	109.3	
0+15 30 R	7.0	107.6	Foot Bank
0+13 40 R	7.3	107.3	" "
0+12 60 R	6.5	108.1	" "
0+12 80 R	6.75	107.84	" "
0+11 100 R	7.1	107.5	" "
0+12 108 R	7.1	107.5	" "
0+40 124 R	6.0	108.6	Ret Wall Nly Side
" " "	4.6	110.0	Top Sly "
0+40 120	5.9	108.7	
0+40 118 R	6.0	108.6	E 3' Gravel Walk
0+40 116.5 R	5.95	108.64	Edge " "
0+40 112 R	7.35	107.24	Foot Bank
0+40 100 R	7.5	107.1	
0+40 80 R	7.65	106.94	
0+40 60 R	7.65	106.94	
0+40 40 R	7.7	106.9	
0+40 20 R	7.1	107.5	Also Foot Bank
0+40 13 R	5.0	109.6	At Stone Sly Side
0+60 13 R	6.15	108.44	" " "
0+60 17 R	7.1	107.5	End Foot Bank
0+60 20 R	7.35	107.24	

		114.59	HI.
0160 40R	7.7	106.9 ✓	
0160 60R	7.9	106.7 ✓	
0156 68R	8.15	106.44 ✓	Rim C.B. ± (Dry Well 3' deep)
0160 80R	8.05	106.54 ✓	
0160 100R	7.6	107.0 ✓	
0160 112R	7.2	107.4 ✓	Foot Bank
0160 118.5R	6.3	108.3 ✓	6.3' Gravel Walk
0160 117R	6.3	108.3 ✓	Edge " "
0160 120R	6.3	108.3 ✓	
0160 125.5R	6.1	108.5 ✓	Bot Wall (Nly Side)
" " "	4.65	109.94 ✓	Top " (Sly Side)
0170 120R	5.9	108.7 ✓	
	5.7	108.9 ✓	At S.Wly Cor. House
	5.35	109.24 ✓	" fence opp S.Wly Cor. House (Nly Side)
	4.75	109.84 ✓	" " " " Sly Side
0166 115R	6.3	108.3 ✓	Top Bank
0171 108R	6.5	108.1 ✓	" "
0172 100R	6.0	108.6 ✓	" "
0175 80R	4.9	109.7 ✓	" "
0176 60R	5.3	109.3 ✓	" "
0180 57R	5.4	109.2 ✓	" "
0166 108R	7.45	107.14 ✓	Foot Bank
0167 100R	7.65	106.94 ✓	" "
0168 80R	7.7	106.9 ✓	" "
0169 60R	7.8	106.8 ✓	" "
0170 55R	7.8	106.8 ✓	" "
0175 52R	7.9	106.7 ✓	" "
0180 52R	7.75	106.84 ✓	" "
0180 13R	7.05	107.54 ✓	At fence
" 20R	7.3	107.3 ✓	
" 40R	7.5	107.1 ✓	
" 60R	4.8	109.8 ✓	
" 80R	4.8	109.8 ✓	
0180 89R	4.8	109.8 ✓	
0180 95R	6.3	108.3 ✓	Also at Cor. Steps
0180 100R	6.2	108.4 ✓	
0180 110R	6.4	108.2 ✓	
0176 100R	6.4	108.2 ✓	Edge Walk

		114.59	
0185 20R	7.4	107.2 ✓	Edge Drive
0190 40R	7.7	106.9 ✓	" "
0176 48R	7.9	106.7 ✓	" "
110 51R	8.0	106.6 ✓	" "
1120 56R	7.9	106.7 ✓	" " also Foot Bank
1136 48R	8.05	106.54 ✓	Cor of Drives
1145 40R	8.3	106.3 ✓	Edge "
1147 20R	8.4	106.2 ✓	" "
1138 20R	8.5	106.1 ✓	" other Drive
1136 30R	8.45	106.14 ✓	" "
1130 40R	8.3	106.3 ✓	" Drive
1120 45R	8.15	106.44 ✓	" "
1112 45R	8.0	106.6 ✓	" "
1104 40R	8.0	106.6 ✓	" "
0198 30R	7.8	106.8 ✓	" "
0195 20R	7.55	107.04 ✓	" "
110 13R	7.4	107.2 ✓	At fence
110 20R	7.4	107.2 ✓	
110 40R	7.8	106.8 ✓	
110 54R	7.7	106.9 ✓	Foot Bank
110 59R	5.1	109.5 ✓	Top "
110 60R	5.2	109.4 ✓	Edge Gravel Walk 3' Wide (63'R. 10' deep)
	4.25	110.34 ✓	S.Wly Cor Bay Windows
1120 14R	7.8	106.8 ✓	At Fence
1120 20R	7.75	106.84 ✓	
1120 40R	7.8	106.8 ✓	
1120 60R	5.7	108.9 ✓	
	7.7	106.9 ✓	6 Bot Gr Steps
	5.4	109.2 ✓	" Top "
	1.88	112.71 ✓	Sill of House # 100
	6.87	107.72 ✓	T.P. on second Step
	6.82		+
	114.54 ✓		HI
	7.41	107.13 ✓	Cross Cut (107.15)
1140 20R	8.45	106.09 ✓	
1140 40R	8.2	106.34 ✓	
1140 60R	7.3	107.24 ✓	Also 6 Drive 6' Wide
" 80R	6.1	108.44 ✓	" " " " "
" 99R	5.18	108.36 ✓	Bot of Ramp

New Court

	112.54 ✓	H.I.	
	4.6	109.9 ✓	Floor of Garage
1160 20R	9.1	105.4 ✓	
1180 20R	9.4	105.1 ✓	
1160 40R	9.2	105.3 ✓	
1180 40R	9.2	105.3 ✓	
1160 51R	8.5	106.0 ✓	Foot Bank
1168 49R	8.6	105.9 ✓	" "
1154 60R	7.8	106.7 ✓	" "
	4.9	107.6 ✓	NWly Cor Piazza and T.B.
1160 56R	4.9	107.6 ✓	Top Bank
1170 56R	4.9	109.6 ✓	" "
	3.28 ±	111.26 ±	Sill of Ho. NEly of Co. Lot
1160 60R	6.0	108.5 ✓	
1129 60R	7.4	107.1 ✓	Foot Bank
1131 70R	6.6	107.9 ✓	" "
1127 70R	5.1	107.4 ✓	Top "
1126 62R	5.4	109.1 ✓	" "
1129 80R	6.1	108.4 ✓	Foot Bank
1123 80R	4.9	107.6 ✓	Top "
1120 80R	4.3	110.2 ✓	
1126 90R	5.3	109.2 ✓	End Top + Foot Bank
1120 100R	4.5	110.0 ✓	
	4.4	110.1 ✓	Ground at E. Rear Steps
1154 80R	6.1	108.4 ✓	Foot Bank
1160 80R	4.1	110.4 ✓	Also Top Bank
	6.26	108.28	T.P. on Stone
	7.88		"
	116.16 ✓	H.I.	
	4.73	111.43	Conc. sill House of 1160 100R (111.45)
1160 100R	5.3	110.9 ✓	Also Cor. House + T.B.
1156 100R	6.2	110.0 ✓	End foot bank
	6.3	107.9 ✓	NEly Cor Gar
	4.9	111.3 ✓	S. Ely " "
1146 120R	4.9	111.3 ✓	
1140 132R	4.6	111.6 ✓	At fence
1160 120R	5.0	111.2 ✓	
	4.5	111.7 ✓	At end fence
	4.9	111.3 ✓	SWly Rear Cor. House
1180 120R	4.9	111.3 ✓	

1170 120R	5.3	110.9 ✓	
	5.2	111.0 ✓	S. Ely Cor. House
	5.1	111.1 ✓	At fence opp above cor.
	5.4	110.8 ✓	" SWly Cor Gar
	4.34	111.82	T.P. on Stone
	4.81		"
	116.63 ✓		H.I.
1160 140R	4.9	111.7 ✓	
1165 140R	5.0	111.6 ✓	
1180 140R	6.2	110.4 ✓	
1160 160R	5.0	111.6 ✓	
1140 140R	4.9	111.7 ✓	
1140 160R	5.0	111.6 ✓	
114 165R	5.0	111.6 ✓	Edge Drive
1120 140R	5.3	111.3 ✓	
1120 160R	5.0	111.6 ✓	
1120 166R	4.9	111.7 ✓	
110 130R	5.9	110.7 ✓	At fence
110 140R	5.3	111.3 ✓	
110 160R	4.9	111.7 ✓	
110 165R	5.0	111.6 ✓	Edge drive
0160 176R ±	4.50	112.13 ✓	T.P. on NEly Cor. Step (112.15)
	3.36		"
	115.49 ✓		H.I.
0180 140R	5.0	110.5 ✓	
0180 160R	4.0	111.5 ✓	
0180 164R	4.1	111.4 ✓	Edge Drive
0160 140R	5.1	110.4 ✓	
0160 160R	4.1	111.4 ✓	
0160 162R	4.0	111.5 ✓	Edge Drive
0146 140R	5.2	110.3 ✓	
0140 160R	3.9	111.6 ✓	Also edge Drive 1/4 Wide
0120 140R	4.3	111.2 ✓	
0120 160R	3.6	111.9 ✓	
0120 158R			Edge Drive
	7.56	116.05 ✓	Sill Church Building

Survey New Court House

		109.80	Spk in Pole Hizz/1 Sup page 14
		6.30	+
		116.10	HI
		0.15	115.95
oto		1.25	114.85
		0.4	115.7
		0.67	115.43
0+20 E		3.8	112.3
" 12L		3.05	113.05
"		3.7	112.4
0+40 E		5.7	110.4
"		5.7	110.4
" 12L		4.75	111.35
0+60 B		7.2	108.9
"		7.0	109.1
" 12L		6.25	109.85
0+80 B		8.6	107.7
"		8.2	107.9
" 12L		7.2	108.9
1+0 B		9.05	107.05
"		9.0	107.1
"		8.3	107.8
1+20 B		9.5	106.6
"		9.4	106.7
" 12L		8.65	107.45
1+40 B		9.61	106.49
		5.27	+
		111.76	HI
		4.60	107.16
1+60 12L		5.1	106.7
1+60 B		5.5	106.3
" 12L		5.6	106.2
		+ 3.66	114.82
2+0 B		5.65	106.1
" 14R		5.7	106.1
" 125L		6.25	105.5
"		6.48	105.28
" 33L		2.5	109.3
2+28 125L		4.8	107.0

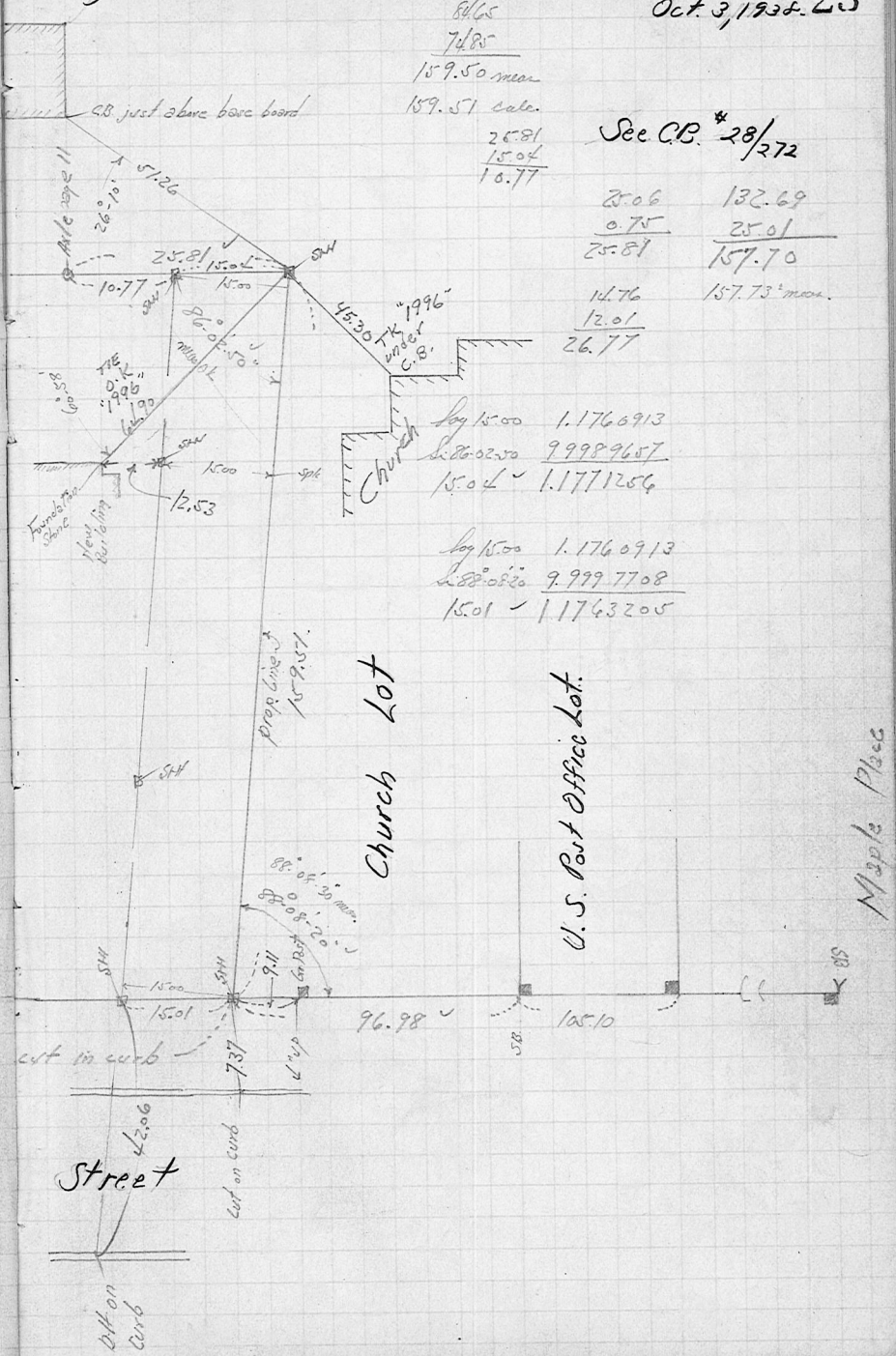
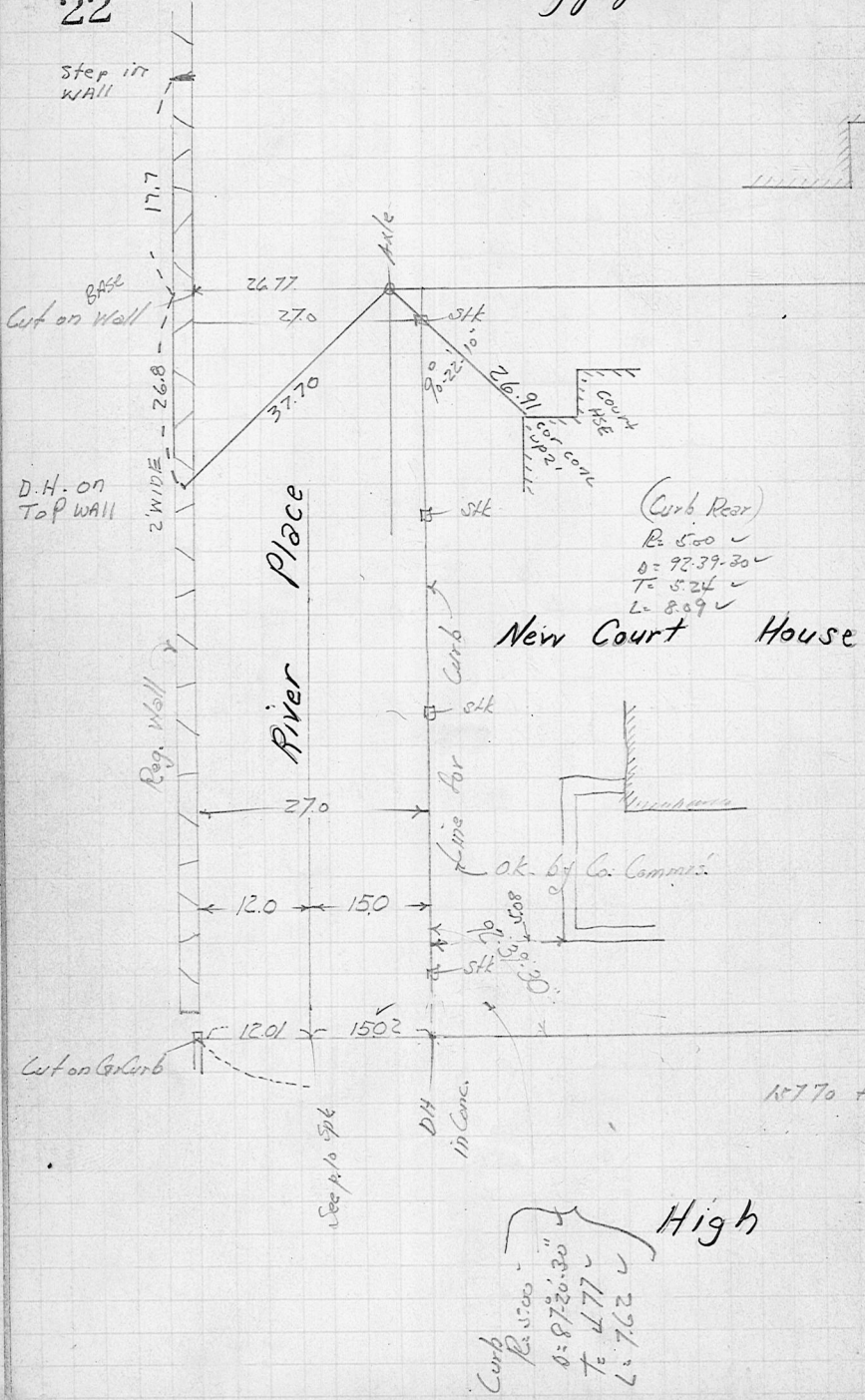
Spk in Pole Hizz/1 Sup page 14
 +
 HI
 Conc Walk at SWly Cor Reg.
 E Walk to SWly Cor Reg at E
 Curb opp. walk above
 St. side fence
 Street side fence
 At bot of wall
 At fence
 Bot. Wall
 At fence
 " Wall
 At fence
 " Wall
 At fence
 Also TP.
 +
 HI
 Cut on Wall
 Bot Wall
 Bot Wall
 End of Reg Wall
 Bot Wall
 Bot Wall
 E.C.B.
 On end of wall

		111.76	
2+50 B		5.1	106.7
" 9R		5.2	106.6
" 20R		5.3	106.5
" 8L		4.9	106.9
" 40L		2.75	108.0
" 60L		2.9	108.9
3+0 B		5.1	106.7
" 10R		5.0	106.8
" 25R		4.4	107.4
3+96		40.08	111.79
3+0 6L		4.9	106.9
" 40L		4.3	107.5
" 60L		3.8	108.0
		4.46	107.30
		7.56	+
		114.86	HI
3+53 B		7.3	107.6
4+0 B		5.8	109.1
4+50 B		3.4	111.8
5+0 B		1.4	113.5
		7.72	107.14

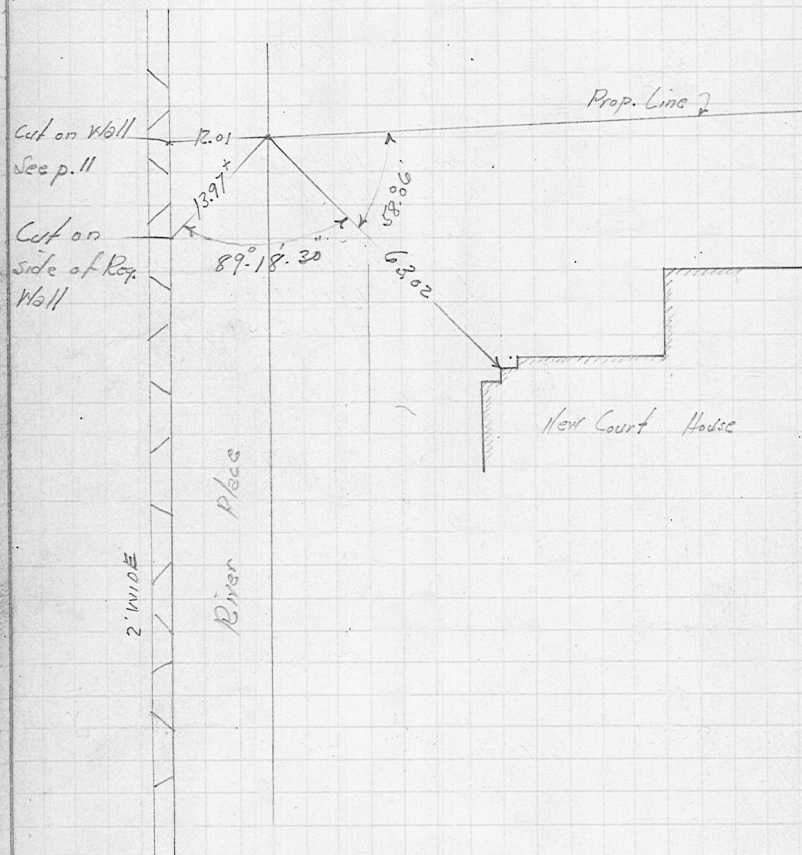
Sept. 14, 1937.

HI

Edge T.W.
 Edge T.W.
 In Parking area
 At edge
 Sill Ho
 In Parking area
 T.P. on Rim of MH
 +
 HI
 Cut on Wall



River Place & District Court House Lot
May 10, 1939



High Street

Inst.

Tape

Wthr & Temp.

Date

Crew

Survey New Court House

26 Set up on 0+20 140' R Sight 0° 0+20 13

61.6	148-15'	Cor. of House
58.4	183-45	" "
28	232-10	28" Elm
20	299-15	20" Ash
16	332-45	30" Elm
20	18-05	2-4" Mul.
28	62-10	16" Maple
58	82-35	14" Ash
36	159-40	Edge Drive
33	192-15	" "
39	218-0	End of Ramp
30.5	229-45	" " "
31	240-35	E Car Post (121)
41.6	220-55	" " " (121)
43.6	144-20	E + end of 3' Gravel Walk
54.0	132-40	E + end 3' Gravel Walk
71.5	124-35	Edge Drive

Set up 0+40 80' Rt Sight 0° R

49.5	144-15	Edge Walk
54.5	140-50	" Gravel Walk
60.5	140-30	" " " + fence
48.5	143-40	" " "
47	138-0	" " "
45.5	133-40	" " "
49	132-40	" " "
53	135-55	" " " draw to cor House
44.5	125-20	E 3' Gravel Walk
43.5	115-20	" " " " draw to step
49	152-0	16" Ash
48.5	239-0	2-6" Loc.
45.5	249-0	10" Ash
42.0	255-20	4" M
41.5	267-50	18" M
38	269-45	4" M
42	282-20	20" M
46	299-30	4" M
47	300-05	4" E
48	301-0	12" M

Lot

49.5	303-55	3" M
50.5	305-35	4" E
53.0	311-20	10" Ash
58.0	317-45	Bush
70.5	329-40	"
67	338-20	36" E
65	357-40	18" Lind
69	23-20	Bush
65	36-25	Shrub

Set up on 1+40 60' R Sight 0° 1+40 B

44	15-0	2-6" E
33.5	20-20	3-8" E
32.5	162-55	16" M
19	257-15	Lilac
9	82-0	End of shrubs draw to 2-6" E
46	354-20	2" M
44	349-40	Bush Dia = 8
61.5	317-0	Bush " = 4

Sept. 14, 1937.

Oct 8, 1937

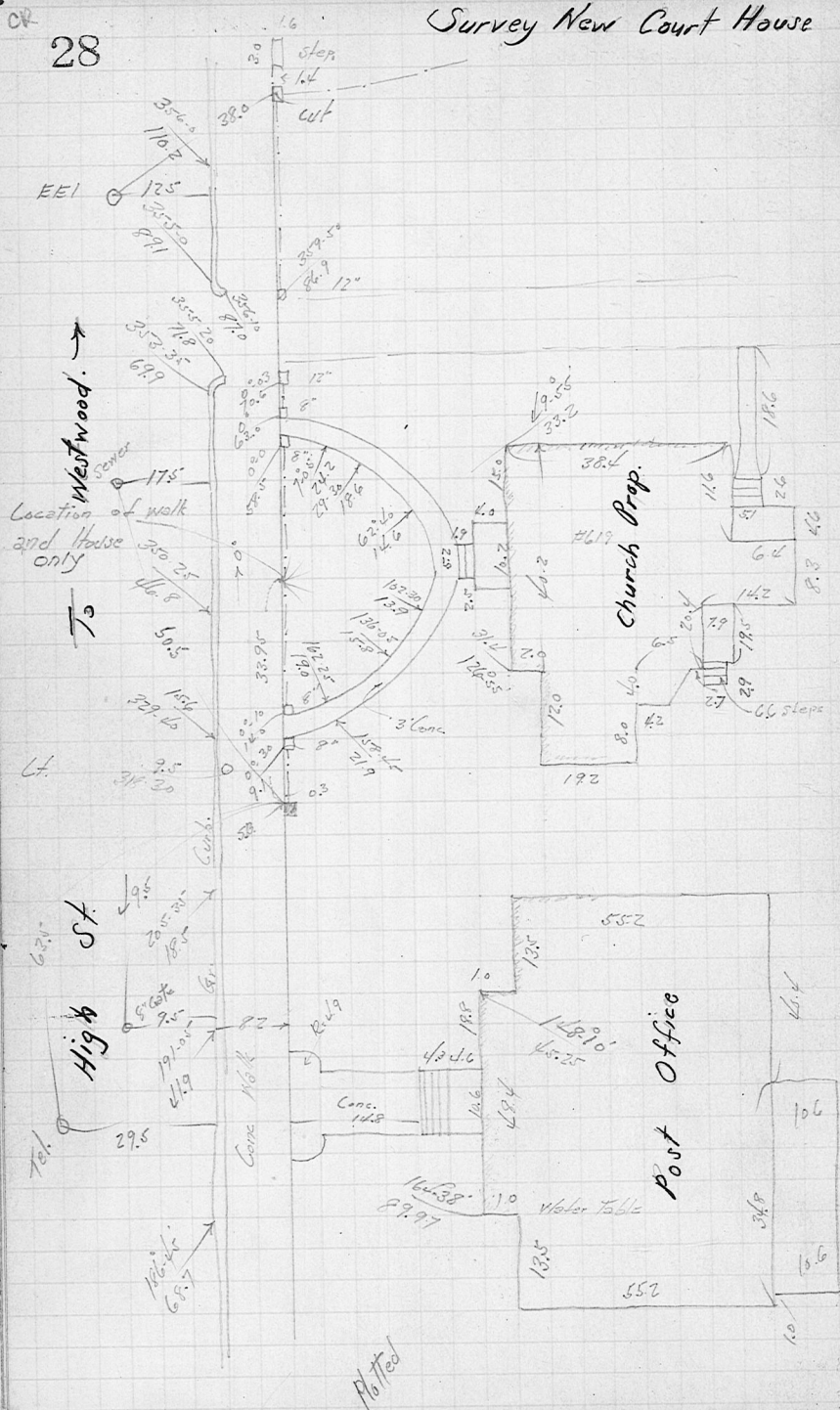
Lot.

Sept. 14, 1937.

29

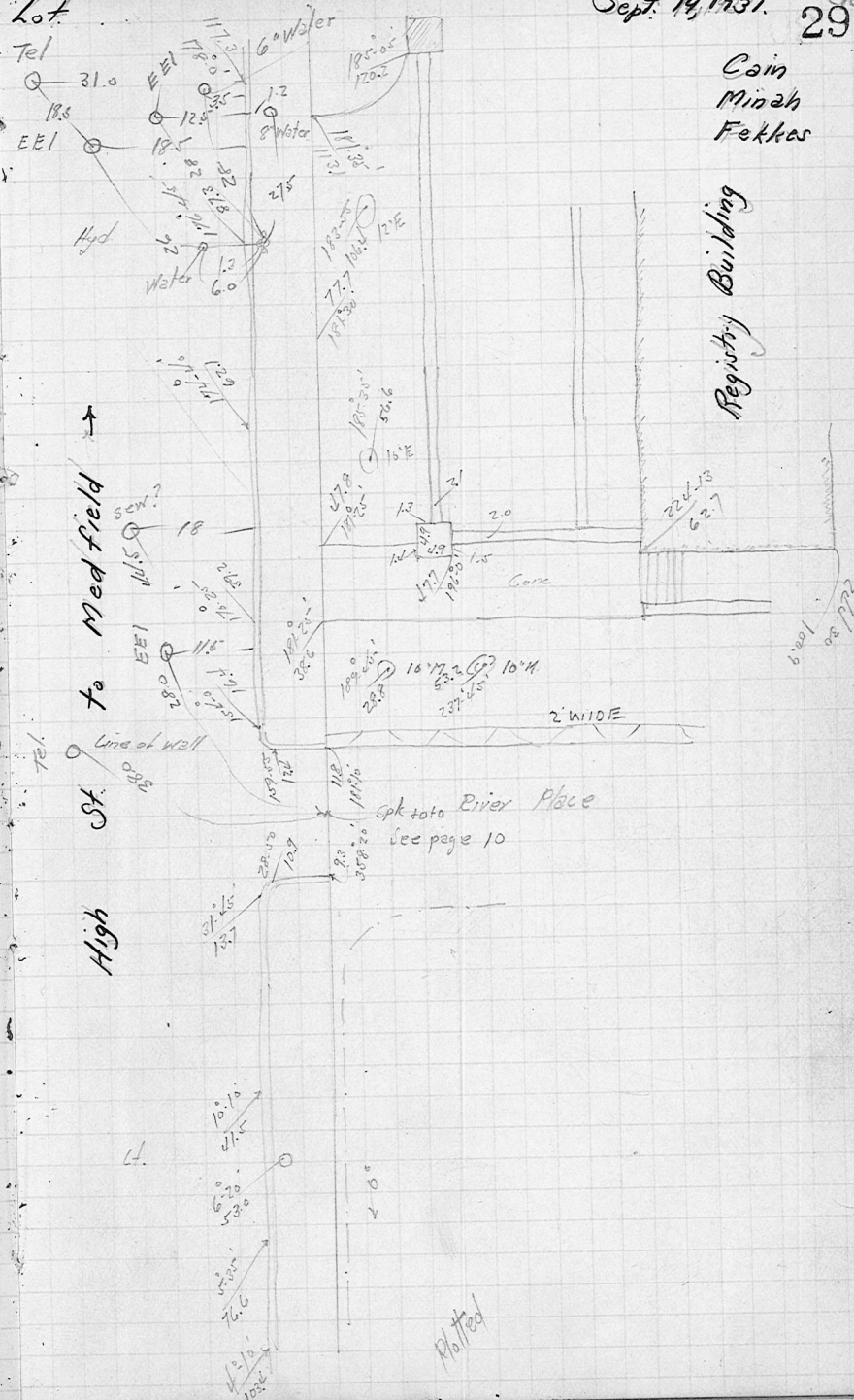
Cain
Minah
Fekkas

Registry Building

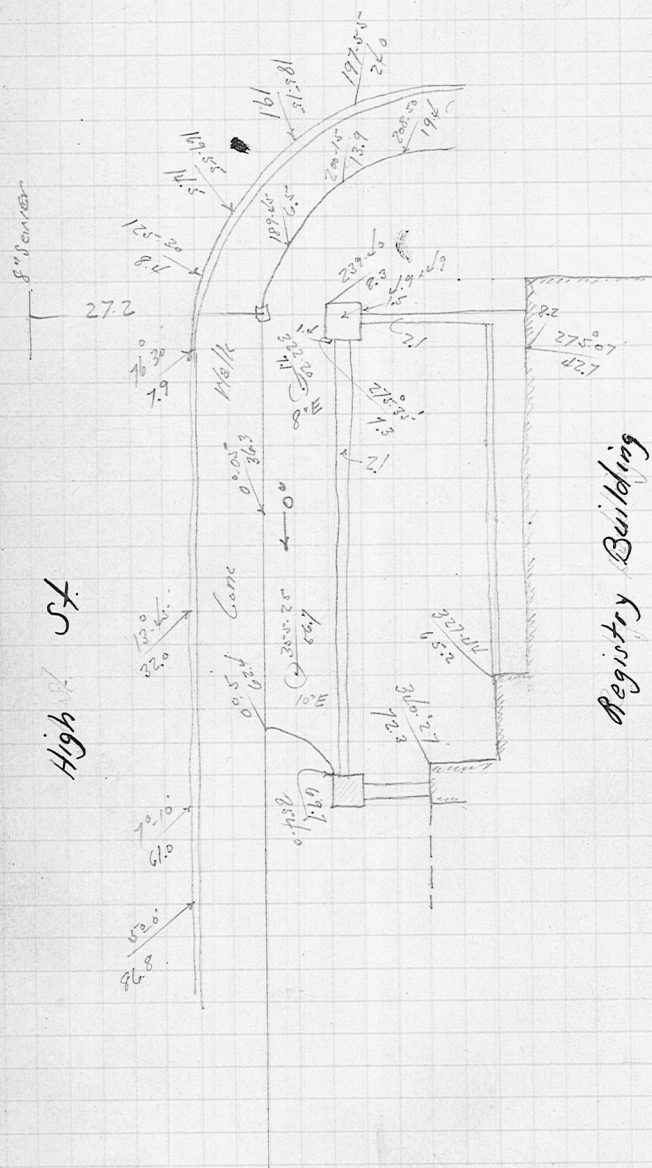


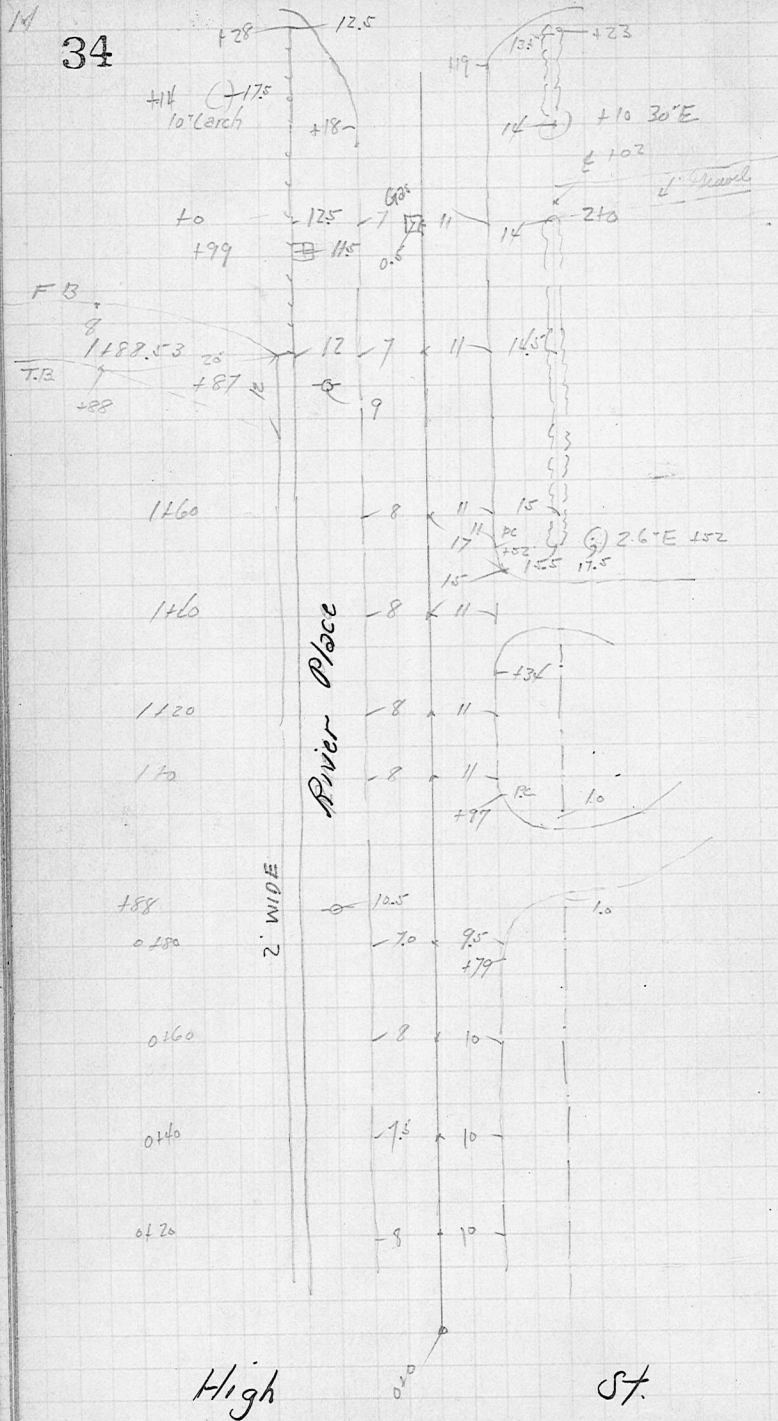
Lot.

High St. to Med field ↑



Ames St.





Stadia Locations back of Registry for Parking Area

Set up on pt A sight 0° on point 1 + 88.53 page 13

107.15 107.15 Cross Cut 5' H.E./ Reg Wall page 14

		107.15	107.15	Cross Cut 5' Hely Reg Wall
		10.25	+	
		117.40	H.I.	
90	331-20	10.5	106.9	Edge Parking Area
85	342-10	9.6	107.8	" " "
76	347-05	9.0	108.4	" " "
61	355-35	7.3	110.1	" " " + Corner
29	255-20	6.1	111.3	" " "
0	0.00	5.2	112.1	" " "
22	177-50	4.5	112.9	" " "
		3.01	114.39	End Curb T.P.
26	168-50	2.3	115.1	Top Bank
18	162-30	2.1	115.3	" "
15	17-46	2.2	115.2	" "
44	6-05	2.2	115.0	" "
67	5-15	2.7	114.7	" "
93	9-50	2.9	114.5	" " of wall
76	13-45	2.4	115.0	on MH
75	31-30	1.9	115.5	" "
59	14-20	2.1	115.3	" "
40	14-25	2.2	115.2	" "
62	24-30			18"E
32	19-45			8"E
44	187-20	3.8	113.6	In parking area
29	225-10	5.2	112.1	" " "
34	284-10	7.0	110.4	" " "
58	312-15	8.3	109.1	" " "
90	323-20	9.8	107.6	" " "
105	218-20	10.2	107.2	End 518
73	297-45	8.6	108.8	on "
63	263-30	7.4	110.0	End "
41	236-45	5.5	111.9	In area
66	253-0	6.9	110.5	" "
89	273-40	8.1	109.3	" "
100	291-20	9.3	108.1	" "
119	308-50	10.3	107.1	" "
130	306-50	10.4	107.0	Edge "
138	302-50	10.4	107.0	" "
145	299-40	10.1	107.3	" " + Cor

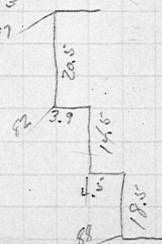
over

Potted

36		117.4 ₆		HI
130	286.10	9.0	108.4	Edge parking area
125	264.30	7.9	109.5	" " " + 2.14' E
114	262.40	7.9	109.5	" " " + compost heap
109	259.50	7.0	110.0	" " " " " "
112	253.00	6.7	110.7	" " " " " at fence
96	249.10			At fence
84	245.45			End "
82	247.35	6.6	110.8	Brick Wall 1' high (in ground)
72	244.30	6.8	110.6	on " 2.2
52	233.40	5.7	111.7	End " 1.0 " edge 2' off
47	224.50	5.4	112.0	Edge parking area
47	207.00	4.2	113.2	" "
134	265.10	9.9	107.5	Brick ret. wall top 2' lower to Bot.
135	255.34	11.0	106.4	on " " " " "
144	290.05	11.8	105.6	" " " " " "
158	300.40	10.0	107.4	End " " + Gr Post
Set up on "B" page 12 Sight 0° on				112.83
36.2	7.15			On Curb end
29.3	16.30			" "
25.0	35.20			" "
26.0	56.30			" "
29.9	63.05			" "
36.1	61.45			" " at building
			114.39	End Curb above
		5.98		
		120.37		
24	35.20	5.6	114.8	on Curb
29	63.20	4.8	116.6	" "
24.2	331.50	6.2	114.2	" other Curb end
10.6	14.20	5.4	115.0	" Curb
18.7	97.55	4.7	115.7	" "
31.4	113.50	4.2	116.2	" "
48.9	124.15	3.8	116.6	" "
63.9	130.20	3.4	117.0	" "
36	139.50	4.1	116.3	on M.H. 3.3 x 3.3
20	110.45	4.6	115.8	" " "
17	52.20	5.7	114.7	in Drive
34	98.50	4.3	116.1	
58	114.20	3.8	116.6	
87	245.55			Cor House
82	259.00			" "
88	281.45			" " Room

Plotted

107.15	107.15	Cross Cut
9.98		+
117.13		HI
2.73	114.40	
6.99		+
121.39		HI
8.11	113.28	T.P. on Wly end bottom step to boiler room
2.70		+
115.98		HI
7.20	108.78	Basement Floor at NEly cor. of Boiler (Boiler Room)
5.57		+
114.35		HI
2.68	111.67	Basement Floor at E of Door Way to Boiler Room
5.6	108.75	Floor of Boiler Room + E of Coal Storage Room
1.07	113.28	TP on Bottom Step to Boiler Room
8.09		+
121.37		HI
6.96	114.41	End of Curb as above
2.57		+
116.98		HI
9.82	107.16	Cross Cut

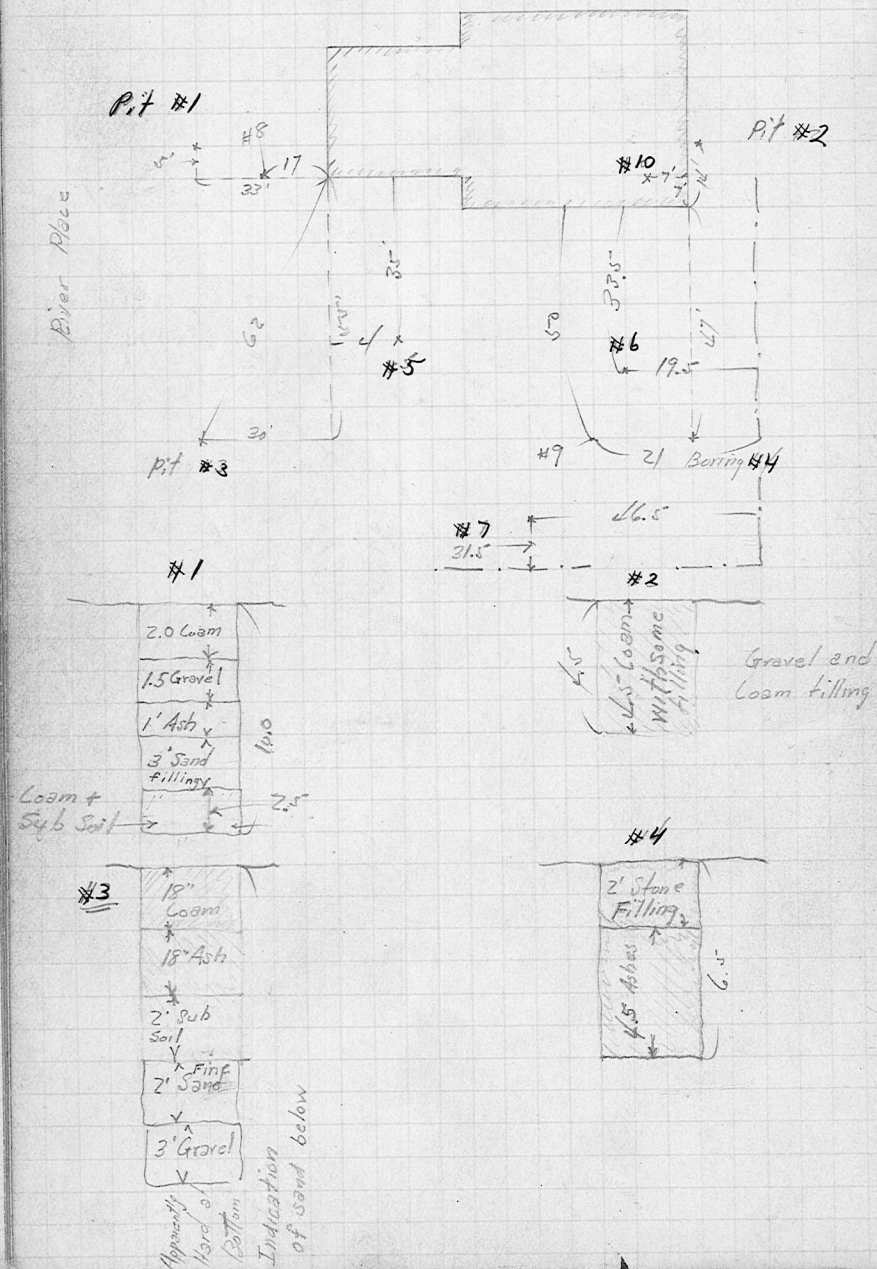


Test Pits for New Court House

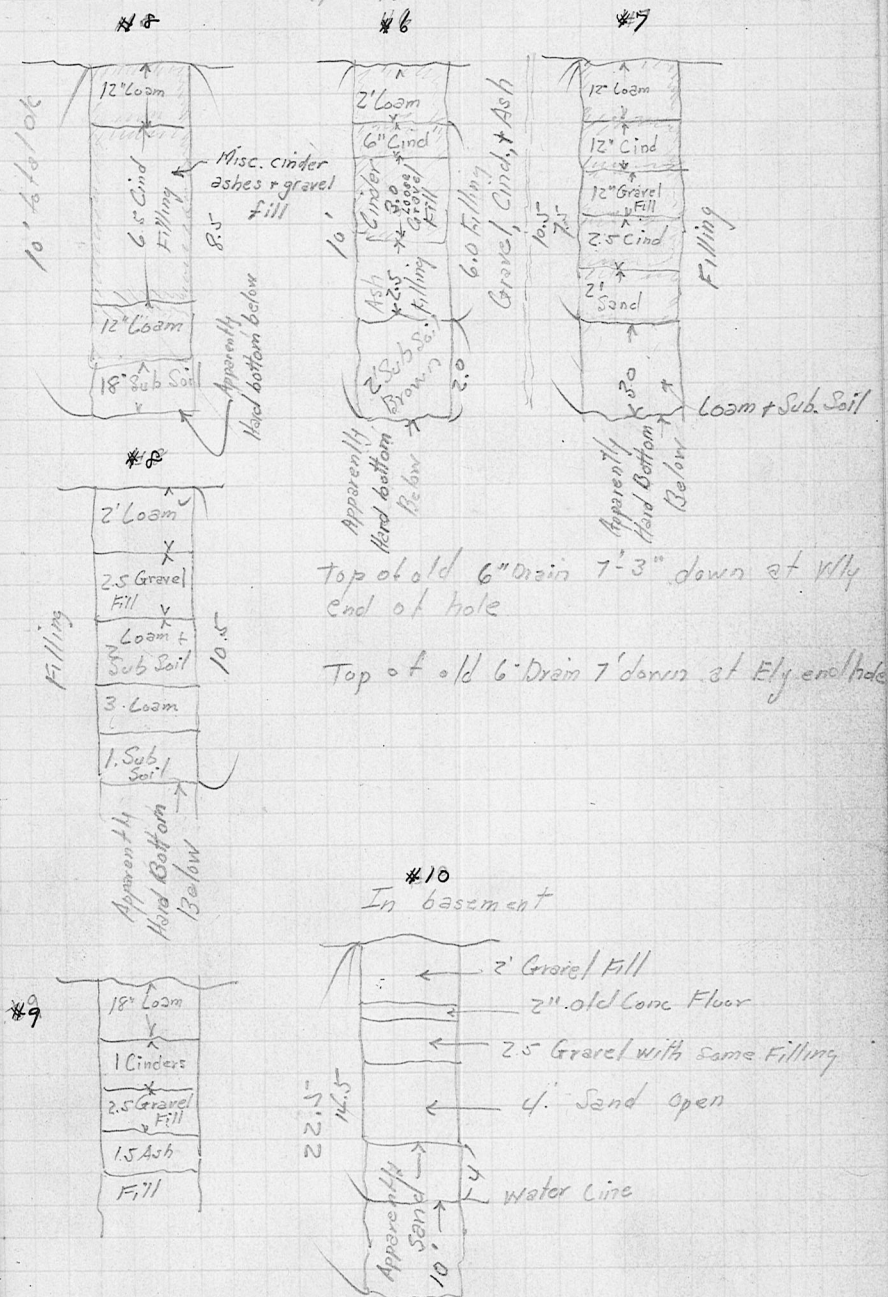
High + River Place

Nov 1, 1937 H.L.W.

Nov 16, 1937 C.C.C.



Nov. 3, 1937.

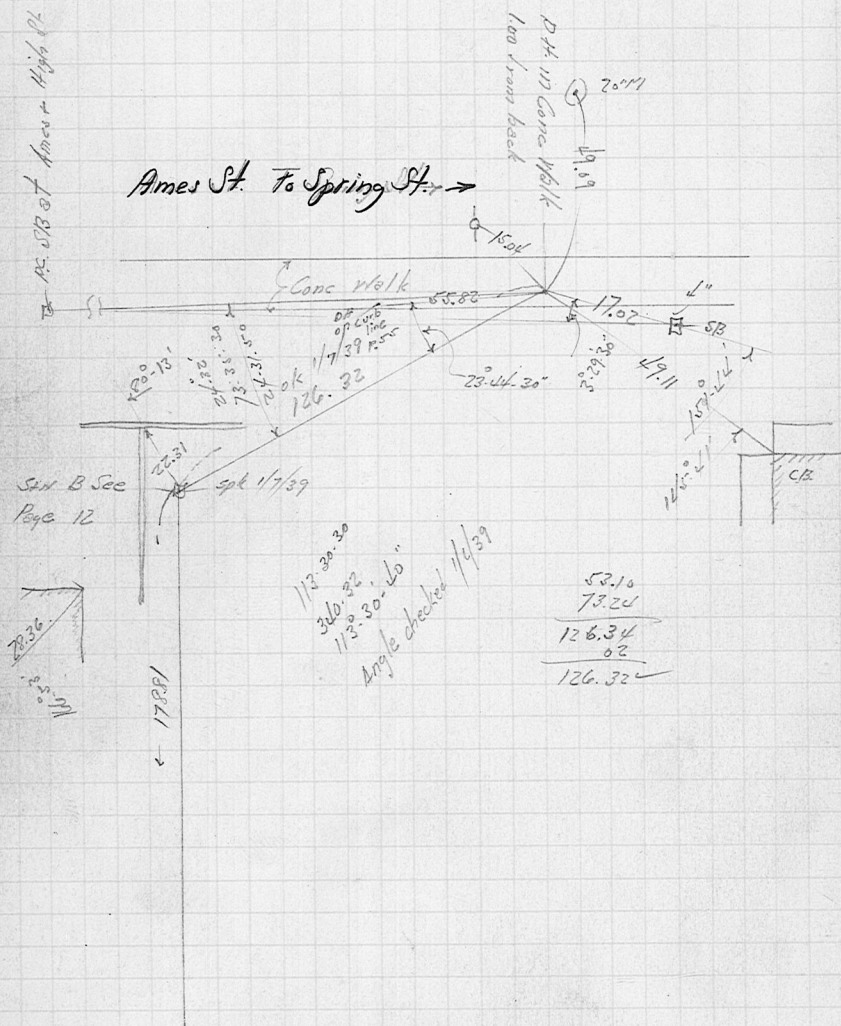


40

Inst. Tape Wthr & Temp. Date Crew

41.

Inst. Tape Wthr & Temp. Date Crew



Mar 26, 1938.

		8.32	107.15	Cross Cut See page 4
		115.47 ✓	+	HE
		6.96	114.51 ✓	Spk in Guy Pole near 14-Ash back Reg.
Set up on	D.H. Sight	on N.H.B		
		8.98	+	
		120.49 ✓	HE	
✓ 12	280.20	5.4	115.1	Car Celler Hole
✓ 33	292.25	6.7	113.8	" " "
✓ 49	298.50	8.0	112.5	" " "
✓ 69	301.10	7.8	112.7	" " "
✓ 72	315.20	7.8	112.7	" " "
✓ 56	322.10	7.0	113.5	" " "
✓ 37	3-25	5.1	115.4	" " "
✓ 35	335.35	8.6	110.9	In " "
✓ 33	302.35	10.5	110.0	" " "
✓ 57	311.35	10.6	102.9	" " "
✓ 46	23-35	5.1	115.4	Back Walk & Drive
✓ 57	358.55	6.4	114.1	& Drive
✓ 64	338.25	7.1	113.4	" "
✓ 82	321.0	7.2	112.7	" " 26t end
✓ 81	339.10	6.9	113.6	& Shrub
✓ 64	358.35	6.6	113.9	" "
✓ 76	24.05	4.8	115.7	Back Walk
✓ 112	24.10	4.4	116.1	" "
✓ 106	27.0			Pile
✓ 106	37.20	4.7	115.8	& TW
✓ 50	54.05	5.3	118.2	" "
✓ 25	133.0	5.8	114.7	" "
✓ 78	10.55	6.2	114.3	" "
✓ 133	181.15	6.4	114.1	" "
✓ 106	198.20	6.1	114.4	Back & Cone Walk
✓ 69	199.20	5.85	114.6	" " " "
✓ 32	202.25	5.55	114.9	" " " "
✓ 13	206.25	5.5	115.0	" " " "
✓ 10	20.10	5.4	115.1	" " " "
✓ 30	23.15	5.2	115.3	" " " "
✓ 17	264.40	6.1	114.4	& Drive
✓ 39	280.30	7.0	113.5	" "
✓ 63	287.20	8.5	112.0	" "

44 Levels on Parking lot back of Registry

		120.09	HI	
87	288.50	9.0	111.5	Top Ridge
88	299.30	8.7	111.8	" "
95	317.0	8.5	112.0	" " at end Wall
109	326.15	7.7	112.8	On Wall online with shrubs (2' to Bat)
116	332.30	7.8	112.7	On end Wall (1.5' to Bat)
99	315.20	10.1	110.4	Bat Ridge
93	303.15	10.0	110.5	Foot Slope
94	287.10	10.3	110.2	" "
117	301.25	10.8	109.7	In Parking Area
115	288.40	11.3	109.2	" "
124	313.15	10.8	109.7	" "
154	309.25	11.6	108.9	" "
147	299.45	12.0	108.5	" "
146	290.0	12.0	108.5	" "
74	279.40	9.8	110.7	On ret Wall
76	274.45	12.4	108.1	At Cor Gar.
97	274.10	12.5	108.0	" "
56	264.40	11.3	109.2	E Ent to Gar. (Same Elev as cor.)
45	257.35	10.7	109.8	E Drive
31	237.0	7.9	112.6	" "
23	247.55	6.5	114.0	Wly Side Fence
44	270.45	8.0	112.5	" "
61	277.35	8.7	111.8	" "
78	5.30	6.0	114.5	8'E
95	352.20	6.2	114.3	Lev
110	340.30	6.8	113.7	"
115	354.40	5.9	114.6	"
109	10.20	5.1	115.4	"
		5.99	114.50	Spk in Pole 114.5-1
		1.02		"
		115.52		HI
		8.39	107.13	Cross Cut 107.15

45 Levels on Parking Lot Rear of Registry May 6, 88

	114.51	spk in guy pole see p. 73
7.02		"
121.53		HI.
555	115.98	End of Nly Ames St. curb, on curb
587	115.66	Ground
500	116.53	On curb @ cor.
534	116.19	" gr.
479	116.74	Back of sidewalk
479	116.74	Ground 8' from end
518	116.35	Gr 71'
566	115.87	Gr 52'
623	115.30	Gr 38'
663	114.90	Gr 26'
692	114.61	Gr 19'
763	113.90	Gr @ end
738	114.15	On curb @ end
712	114.41	" " opp. above
790	113.63	" gr.
622	115.31	" curb 19' from end
673	114.80	" gr. " " "
577	115.76	" curb in line with bldg
624	115.29	" gr. " " "
551	116.02	" curb 7' from curb @ bldg
592	115.61	" gr. " "
530	116.23	" curb @ bldg
545	116.08	" gr. " "
425	117.28	" " @ steps @ bldg.
352	118.01	" step
375	117.78	" gr @ step
387	118.16	" curb @ "
376	117.77	" gr. " "
377	117.76	" curb 40' from back of SW.
411	117.42	" gr. " "
396	117.57	" curb 20' " "
446	117.07	" gr. " " "
442	117.11	" curb @ back
465	116.88	" " " street cor.
509	116.44	" gr. " " "

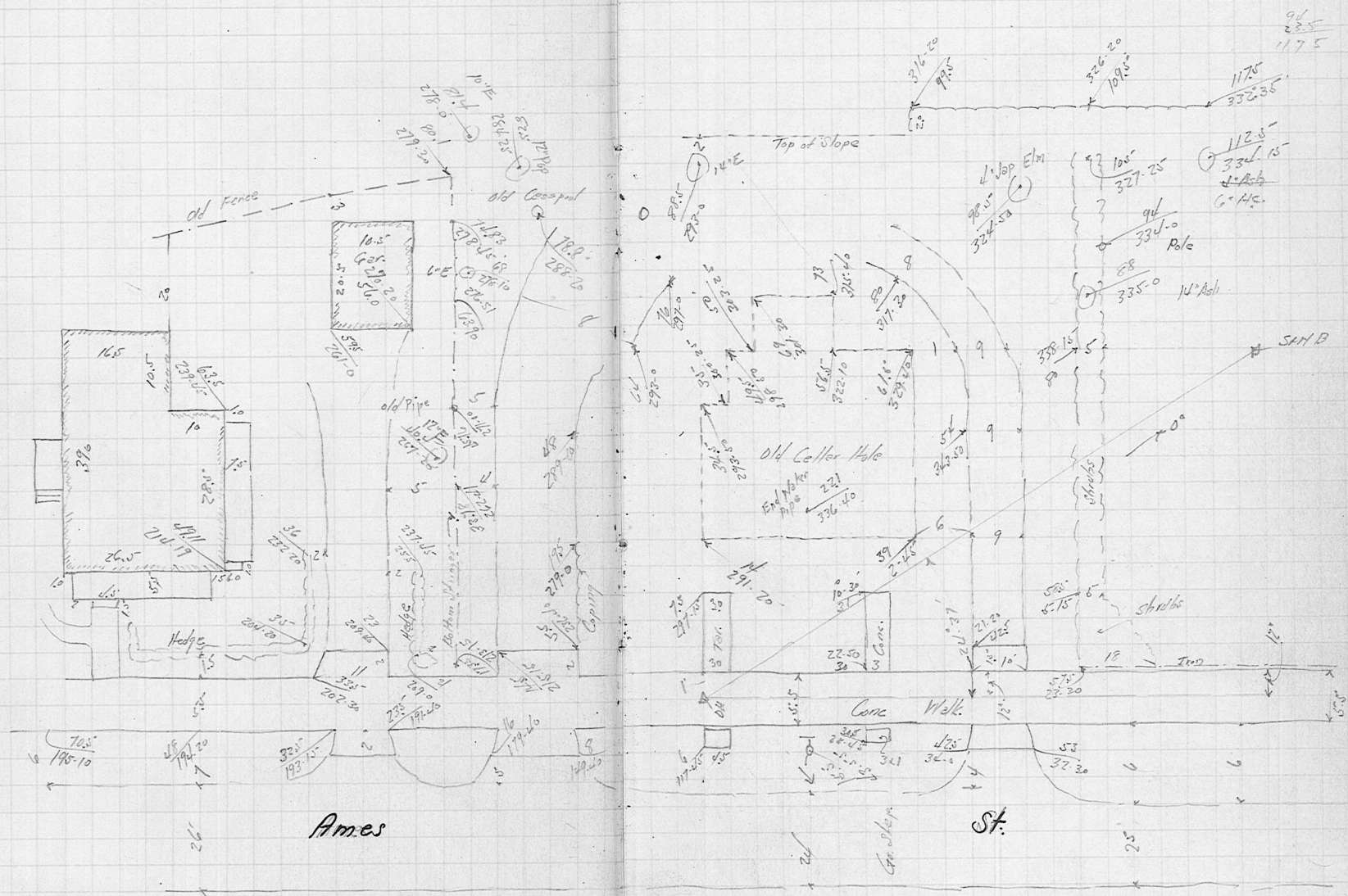
Lot Nly of Parking Area back of

Registry

Mar. 26, 1938

47

Cain
Minah
Fekkes



Sta	Elev.	Grade	Reading	
	107.15			Cross Cut 5' N' Ely Reg Wall
	98.5 ✓	1		+
	117.00			H.I.
0+0	115.5 ±	115.5	1.5 ±	Back of Walk Amer St.
0+25		114.5	2.5	Top of Stk
0+50		113.5	3.5	" " "
0+75		112.5	4.5	" " "
1+0		111.5	5.5	" " "
1+25		110.5	6.5	" " "
1+50		109.5	7.5	" " "
1+75		108.5	8.5	" " "
2+0		107.5	9.5	" " "

Changed See
page 49
↓

1170
1155
1.5

Location of Cesspool in New Court No. 6 at Cor of High
and River Place. Set up 120 River Place Sight 0° 0' 0"

73.4	307.55	Old Cesspool		
	107.15	as above		
5.36			+	
112.51 ✓				
7.2	106.3			On Stone Cover
7.69	106.82			Top Brick, 10' to bottom
		(6.3 down to invert)		3" Water 12" Silt
+242	114.93			Cut on Reg. Wall by E.W.
				(6 is elev. 114.94)

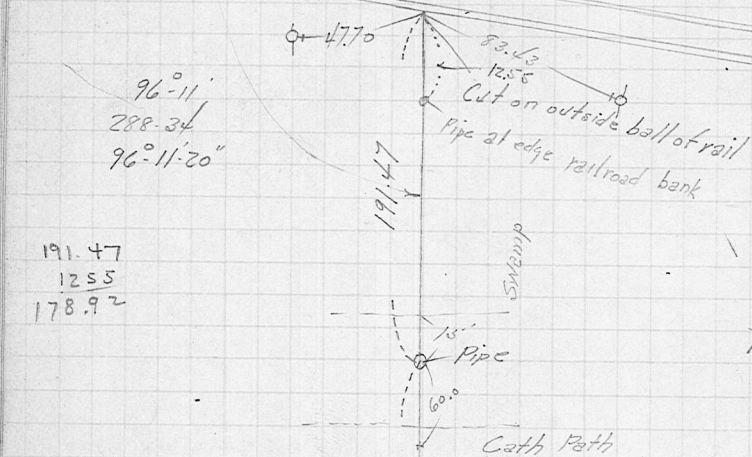
Set up on 140 as above Sight 0° on 0+0

109.2	273.0			
	107.15			See above
5.39			+	
112.54				H.I.
5.98	106.56			Rim of old Cesspool or Dry Well
				11.2 Deep (No Water or Silt)
				1 1/2 First 3" abt. 20" Dia then out
				to abt 8"

102.8
6.3
98.5

Sta	Elev.	Grade	Reading	
	107.15			Cross Cut 5' N' Ely Ret. Wall Jky Reg.
	104.5 ✓			+
	117.60			H.I.
0+0		115.5	2.10	
0+35		114.5	3.10	
0+60		113.5	4.10	
0+85		112.5	5.10	
1+10		111.5	6.10	
1+35		110.5	7.10	
1+60		109.5	8.10	
1+85		108.5	9.10	
2+10		107.5	10.10	

Sept 30, 1937



191.47
 1255
 178.92

72.17
 58.58
 63.72
 191.47

191.47
 238.43
 152.89
 80.41
 76.13
 210.18
 949.51

238.48
 (1969)

238.43

152.89
 80.41
 233.30

233.24 (1965)

Tack in 3-6" M
 Stumps

80.41

Star 34N
 0.97
 I.P.

86.30
 93.38
 179.68
 - 97
 178.71

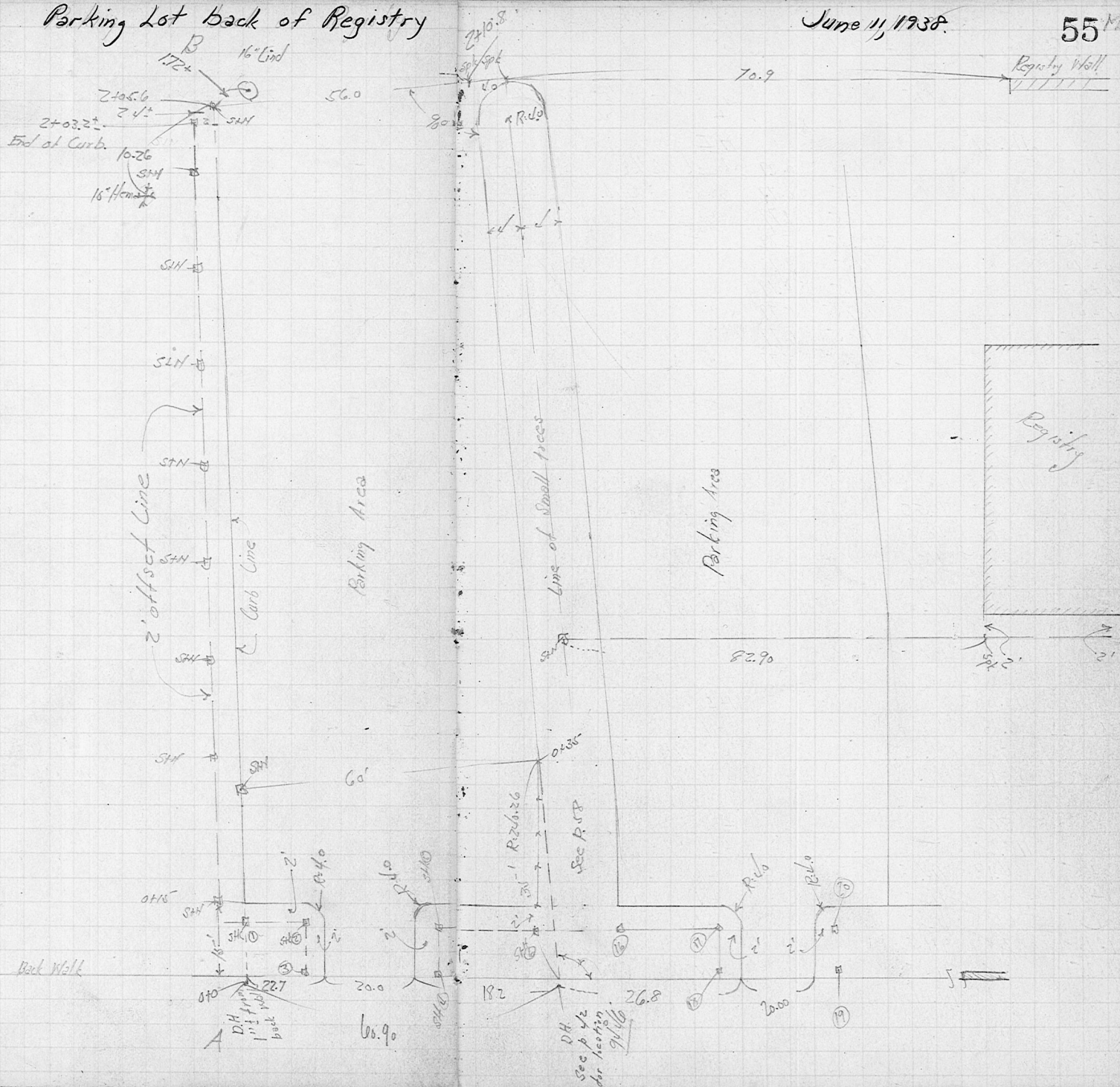
178.92	178.71
238.43	238.48
233.30	233.24
650.65	650.43
(1938)	(1948)

June 11, 1938.

$$\begin{array}{r} 107.5 \\ - .52 \\ \hline 106.98 \end{array}$$

T = 10.00
A = 1.16
R = 26.26
Chc. = 5.00

$0.35 \cdot 45 - ①$
 $0.35 \cdot 45$
 $1.11 \cdot 30 - ②$
 $0.35 \cdot 45$
 $1.47 \cdot 15 - ③$
 $0.35 \cdot 45$
 $2.23 \cdot 00 \text{ (4)}$



14 Grades for Curb back of Registry Cain, Minab-Eckles
56 Grade on A-B Line June 11, 1938
Sta Eley Grade Reading Rain

Sta	Eley	Grade	Reading	Cross Cut is 11 Ely Reg Wall
	107.15			+
	8.14			HI
	115.29			
0+0		115.0	0.29	Back Walk 115.29
0+15		114.5	0.79	Grade of Curb. 114.5
0+45		113.5	1.79	" " " 0.79
0+65		112.5	2.79	" " " 115.29
0+90		111.5	3.79	" " " 107.5
1+15		110.5	4.79	" " " 7.79
1+45		109.5	5.79	" " " "
1+65		108.5	6.79	" " " "
1+90		107.5	7.79	" " " "

June 18, 1938

	107.15		See above
	10.95		+
	118.10		HI
	3.60	114.50	0+15 as above
	3.60	114.5	#1
	3.10	115.0	#2
	2.60	115.5	#3
	3.08	115.02	D.H. in Conc. Walk Seep. 47
	107.15		+
	5.85		HI
2+03.22	6.00	107.00	STN
	5.68	107.32	Bin 17th River Place
	5.9	107.1	ETW opp end Curve A-B line
	107.15		+
	3.66		HI
	118.68		STN
0+35	4.18	114.56	STN
0+60	5.18	113.5	STN
0+85	6.18	112.5	STN
1+10	7.18	111.5	STN
1+35	8.18	110.5	STN
	11.67	107.01	On Stk 2+03.22

57

Grade	Reading	D.H. in Conc. Walk Seep. 47
5.04	115.02	+
120.04		HI
4.58	115.51	Stk #3 115.50
	115.70	Stk #4 115.20
	115.20	" #5 115.20
	115.02	+
3.91		HI
118.93		STN #2 115.00
393	115.00	
	115.3	3.63 #6 STN Grade
	115.3	3.63 #7 STN
	115.1	3.83 #8 STN
	114.9	4.03 #9 STN
	114.7	4.23 #10 STN
	114.5	4.43 #11 Check OK 0135

Grades At & Curb.

Grades	At & Curb.	June 1938.
	107.15	Cross Cut 5' N/Ely Reg Wall
	5.90	+
	113.05	HI
1160	3.55	109.5 3.55 On Stk E
1+85	4.55	108.5 4.55 " " E
2+10.8	5.55	107.5 5.55 End-Curb 2' off E
2+06.8	5.39	107.66 5.39 P.C. 2' off Seep. 57
1+35	2.55	115.50 On Stk (Now elev.)

July 2, 1938

Grade	Reading	D.H. in Conc. Walk.
115.02		+
378		HI
118.80		Stk & 0.35 (114.5)
4.29	114.51	0.60
5.29	113.51	4.05 - Stk #12
	114.55	3.80 - " #13
	115.25	3.55 - " #14
	115.5	3.30 - " #15 & 16
	115.8	3.00 - " #17
3.04	115.76	Back Walk at (18)
	116.0	Stk at 18

Changed

see

p. 58

July 5, 1938

Grade	Reading	D.H. in Conc. Walk
115.02		+
5.62		HI
120.64		0.35 114.5
6.14	114.50	114.72 5.92 - Stk #12 see p. 58
		114.94 5.70 - " #13
		115.16 5.48 - " #14
		115.38 5.26 - " #15 & 16
		115.5 5.14 - " #17 p. 58
		116.0 4.64 - " #18 - checked ok

Grade	Reading	D.H. in Conc. Walk
115.02		+
6.27		HI
121.29		0.35 & 8'
6.79	114.50	11. W/4. Cor. Granite at H.H. in
5.00	116.29	grass N W/4 of Reg.
5.31	115.98	(Back Walk at 19)
	116.25	5.04 - Stk #19 at Back of walk
	115.40	5.89 - " #20 30' Sly

Inst. Tape Wthr & Temp. Date Crew

02

19.20
1.9
17.3

38.94
19.20
58.14 ✓

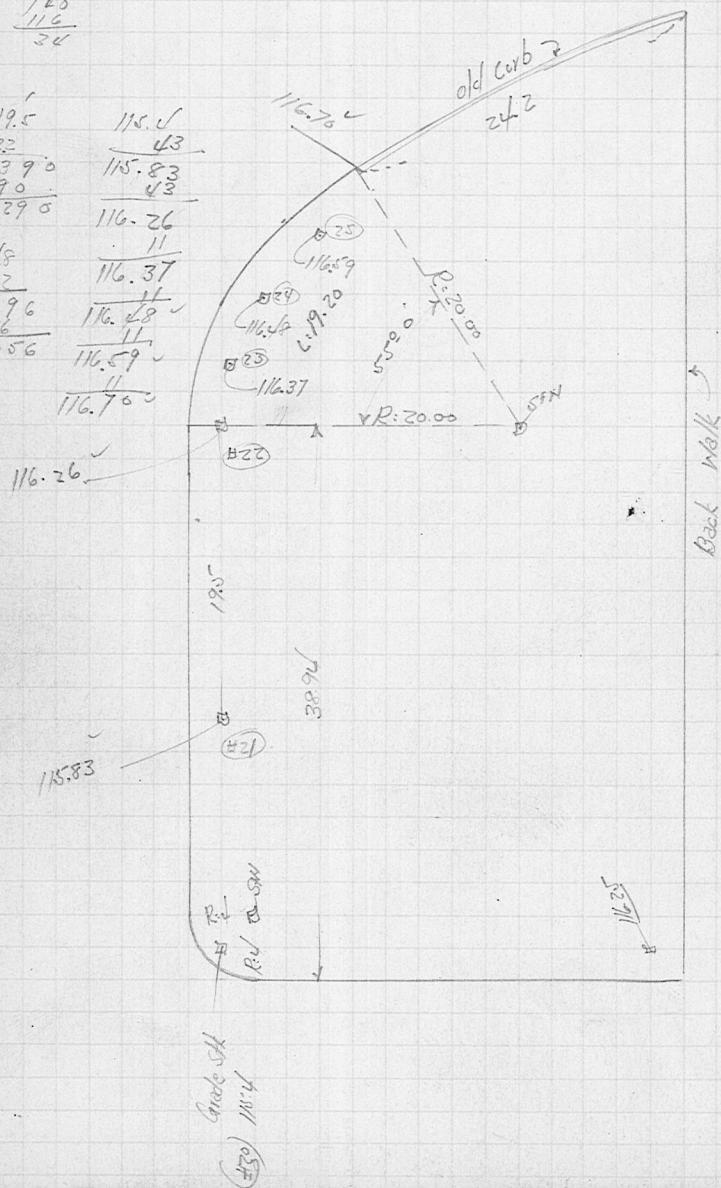
116.7
115.4
1.3 - diff.

5-5% 959931
95993
191986 : 19.20 = 1.0 ✓

0.0224
58/120
116
120
116
34

3.2%

115.75

$$\begin{array}{r} 19.5 \\ \underline{22} \\ 390 \\ 390 \\ \hline 4290 \end{array}$$


116.29		Grade		N Wly Cor Granite 21/19 H p. 60
5.33				+
121.62				HI
6.13	115.49			#17 (110.57)
8.34	113.28	(See also p. 37)		Wly end Bot. Step to Boiler Room
4.92	116.70			At Beg 20' R. on old Curb
		116.83	5.79 ✓	SH#1 #21
		116.26	5.36 ✓	" #22
		116.37	5.25 ✓	" #23
		116.28	5.14 ✓	" #24
		116.59	5.03 ✓	" #25

Staking	Grade for M.H. Cover	25'-1" N/Wly of N/Wly Cor. Reg.
116.29		Set N/Wly Cor. Gr. M.H. N/Wly Reg.
463		+
120.92		HI
5.90	115.02	DA 115.02
	115.46	5.47
5.13	115.79	Grade top M.H.
		on curb at N/Wly Cor. Reg.

$$\begin{array}{r} 120.92 \\ 115.45 \\ \hline 5.47 \end{array}$$
$$\begin{array}{r} 4.49 \\ 387 \\ \hline 52 \end{array}$$

		107.15 ✓		Grass Cut 5' NEly Reg Wall p14
		4.25 ✓		"
		111.40 ✓		H.T.
12'	90°	3.76	107.48	End of 8' Curbat River Pl. R. 400
		4.34 ✓	107.06 ✓	At end Reg. Wall on low ref wall
		5.0	106.4 ✓	Ground of shore
		4.3	107.1 ✓	On ref to ref C.R.
		6.12	105.28 ✓	C.R.
29	153-10	4.38	107.02 ✓	On end of low ref wall
		5.1	106.3 ✓	Ground of shore
30	144.55	3.8	107.6 ✓	10' Hem
35	150-0	3.9	107.5 ✓	Grass
35	153-30	4.35	107.05 ✓	edge drive
34	138-35	3.5	107.9 ✓	" " + Grass
25	121-50	3.4	108.0 ✓	Grass
23	106-25	3.0	108.4 ✓	"
14	90°	2.9	108.5 ✓	" Back Wall
23	93-50	2.5	108.9 ✓	" + Foot Bank
33	103-10	1.9	109.5 ✓	"
35	114-50	2.4	109.0 ✓	" + edge drive
46	137-25	3.2	108.2 ✓	In drive
49	100-10	1.0	110.4 ✓	edge "
60	98-50	0.6	110.8 ✓	" "
69	138-15	3.2	108.2 ✓	In drive
58	152-55	4.1	107.3 ✓	" "
52	166-0	4.5	106.9 ✓	" "
38	161-0	4.9	106.5 ✓	" "
42	193-45	4.9	106.5 ✓	8' Drive
60	218-25	4.0	107.4 ✓	" " "
20	90°	2.8	108.6 ✓	Grass
42	147-10	3.7	107.7 ✓	In drive

Inst. Tape Wthr & Temp. Date Crew

68

Inst.

Tape

Wthr & Temp.

Date

Crew

69

Inst.

Tape

Wthr & Temp.

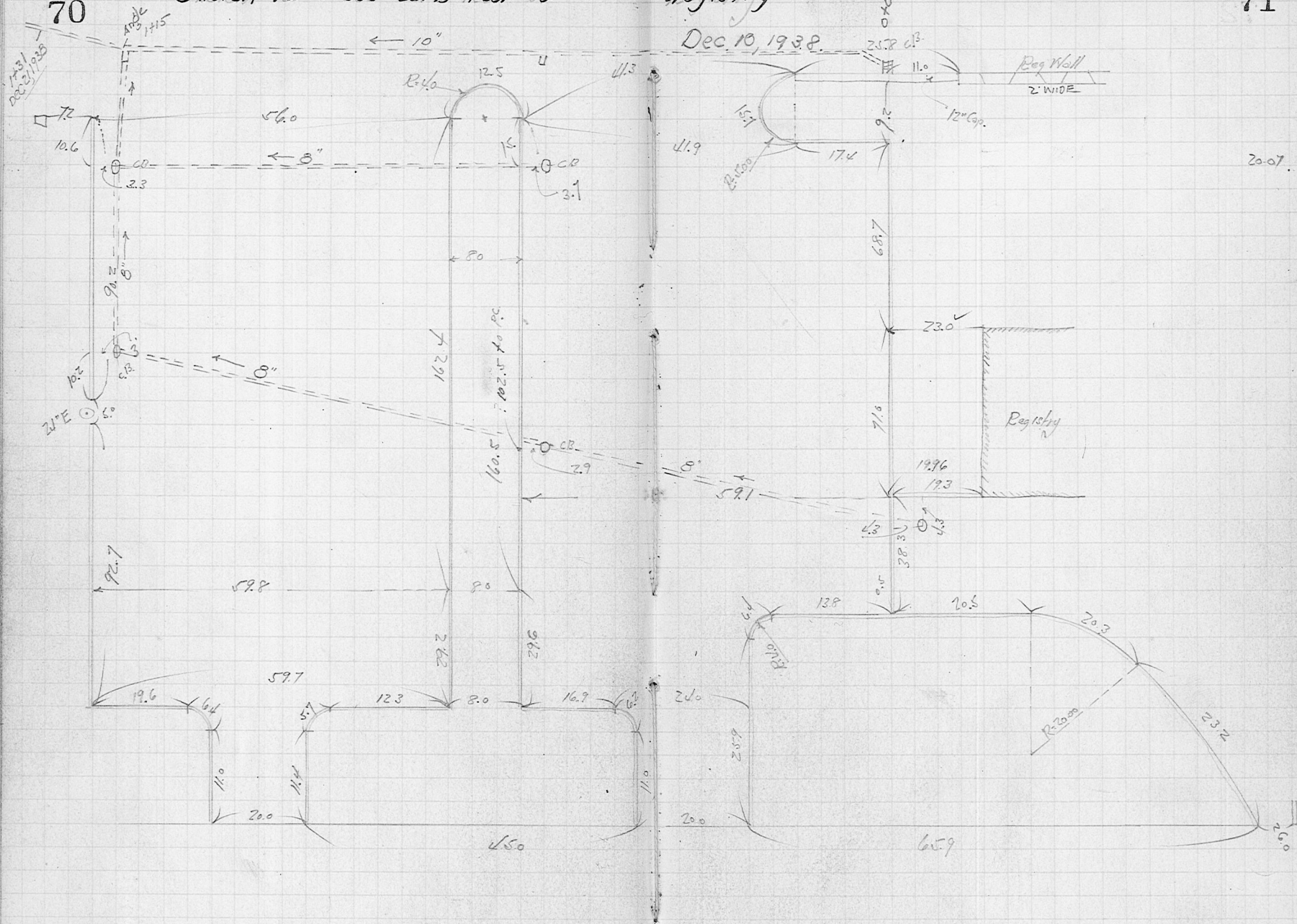
Date

Crew

Sketch for meas curb rear of

Registry

Dec 10, 1938.



72

Inst.

Tape

Wthr & Temp.

Date

Crew

73

Inst.

Tape

Wthr & Temp.

Date

Crew

New Court House High & River Place 74 Checking Basement and first floor Levels

July 27, 1938

117.31 ✓		Top of Granite Post See page 14
2.73 ✓		+
120.04 ✓	HI	Set.
		108.0 Rear
		115.0 Front
		109.42
	115.0	55.0 ✓ Level for Holte
105.8	109.46 ✓	Spt in New Pole 222
2.44 ✓		+
111.90 ✓		HI
4.39	107.51 ✓	105.07 M.P. Curb back Reg.
	108.00	3.90 ✓ Level for Rear Building
4.60	116.50 ✓	Bot. Board (116.5) ok
2.53	109.37 ✓	Top of Pans in Conc. Floor.
4.37	107.53 ✓	& Name plate on 4' Rod & Centre
9.03		River Pl.
116.54 ✓		+
0.79	115.77 ✓ (115.79) p. 3	HI
		Curb at HWY Car. Reg.

Carris Minnie Fekkes

111.90	111.90	109.37
165.00	4.60	.25
	116.50	109.62
3.91		

July 27, 1938 Staked the following grades for

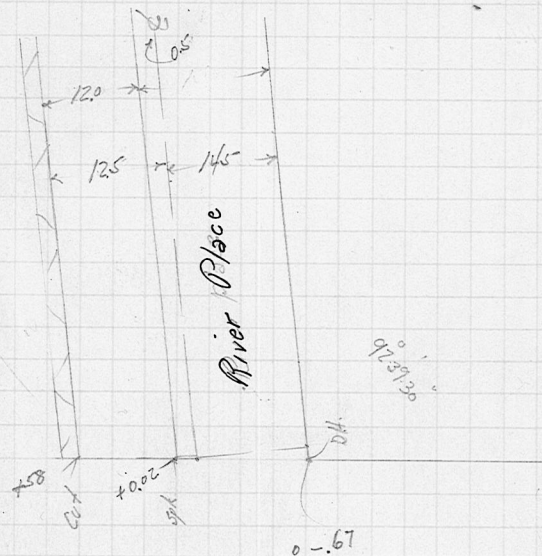
Mr. Holte

Marks on Front Wall at Elev. 115.00

Marks on Rear Wall at Elev. 108.00

	Grade	Set.	Top of Gr. Post p. 14.	Cain
117.31			+	Minah
0.13			HI	Fekkes
117.44				
8.00	109.44		Spk in pole 0.90	(109.44) p. 15
0.10	Grade			
0.10	114.4 ✓	3.04 ✓	117.44 117.44 117.44	
0.20	113.8 ✓	3.64 ✓	116.8 113.8 113.2	
0.30	113.2 ✓	4.24 ✓	3.24 3.64 4.24	
0.40	112.5 ✓	4.94 ✓		
0.50	111.9 ✓	5.54 ✓	117.44 117.44 117.44	
0.60	111.2 ✓	6.24 ✓	112.5 11.9 11.2	
0.70	110.1 ✓	7.34 ✓	4.94 5.54 6.24	
0.80	109.1 ✓	8.34 ✓		
1.00	108.2 ✓	9.24 ✓	117.44 117.44 117.44	
1.20	107.4 ✓	10.04 ✓	110.1 109.1 108.2	
1.40	106.8 ✓	10.64 ✓	7.34 8.34 9.24	
1.60			117.44 117.44	
			107.4 106.8	
			10.4 10.64	

	117.31 0.48 117.79 ✓	Grade	Set	Top of Gr. Past. + H.I.	Nov. 19, 1935 Cain Minah Fekkes
0+0		Grade			
0+10		114.4 ✓	3.39 ✓		
0+20		114.0 ✓	3.79 ✓		
0+30		113.5 ✓	4.29 ✓		
0+40		112.9 ✓	4.89 ✓		
0+50		112.3 ✓	5.49 ✓		
0+60		111.7 ✓	6.09 ✓	OK	
0+80		110.4 ✓	7.39 ✓	Raise	0.05
1+0		109.2 ✓	8.59 ✓	"	0.20
1+20		108.2 ✓	9.59 ✓	"	0.30
1+40		107.4 ✓	10.39 ✓	"	0.25
1+60		106.8 ✓	10.99 ✓	"	0.20
1+80		106.4 ✓	11.39 ✓	"	0.20
2+0		106.3 ✓	11.49 ✓	"	0.10
2+20		106.4 ✓	11.39 ✓	"	0.10
2+40		106.6 ✓	11.19 ✓	"	OK
	8.35	109.4 ✓		Spk in Pale	
	10.02	107.77		On Perry Co.	

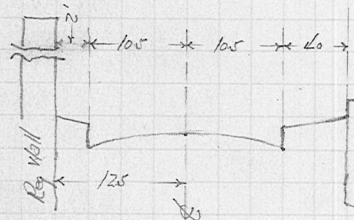


$\frac{1}{2} \text{ sec } 2.39 - 30 = .046 / 300 = 0.58$

$.05 \quad " \quad " \quad = .002$

$14.6 \quad " \quad " \quad = .067$

$\frac{117.79}{118.4}$	$\frac{117.79}{118.9}$	$\frac{117.79}{117.3}$	$\frac{117.79}{111.7}$	$\frac{117.79}{110.4}$	$\frac{117.79}{109.2}$	$\frac{117.79}{108.2}$
3.39	4.89	8.49	6.09	7.39	8.59	9.59
$\frac{117.79}{107.4}$	$\frac{117.79}{106.8}$	$\frac{117.79}{106.4}$	$\frac{117.79}{106.3}$	$\frac{117.79}{106.4}$	$\frac{117.79}{106.60}$	
10.39	10.99	11.39	11.49	11.39	11.19	



Nov 21, 38. Cam Fekkes

109.44
232
111.76
4.00

107.76

107.50 4.26

Spk in pole

+

H.I.

On outer cor. of Conc. Cap at end reg. wall.

Spk at Lot Cor.

111.76
107.50
4.26

Levels at rear of Registry and new Co. House.

Dec 10, 1938

109.44

2.90

112.34

5.16

107.18

4.57

107.77

6.62

107.72

4.72

112.44

9.19

103.25

5.46

106.98

107.72

Cut on wall above

4.42

112.14

8.89

103.25

8.19

103.95

8.86

103.28

Note Take up 2 lengths and start with 103.95

River Place

Spk in pole

+

H.I.

Cut on (N.Ely) Rim C.B. rear New Court Hs.

Cut on Conc. Cap over CB on NWly side River Place

+

H.I.

Out let to CB N.Ely cor. Parking area at River Place

Cut on Rim C.B. N.Ely Cor. Parking area

Dec 14 1938

+

H.I.

End pipe at CB on Ely side 889.

• second length from Dry well rear new Court Hs.

End pipe from dry well

8.14

75

8.89

107.72 Cut on Wall

106.0 Grade C.B.

1.72 measure down 1-9"

3.48 to top 8" pipe

.75

4.23

2.07

75

2.82

107.50 nail in 2nd

4.23

103.27 end 8" pipe from dry well at rear of New Court House

106.00

2.82

103.18 pipe at C.B. near reg. wall

This is inlet

7.04

75

8.19

103.95

103.25

70

8.11

75

8.86

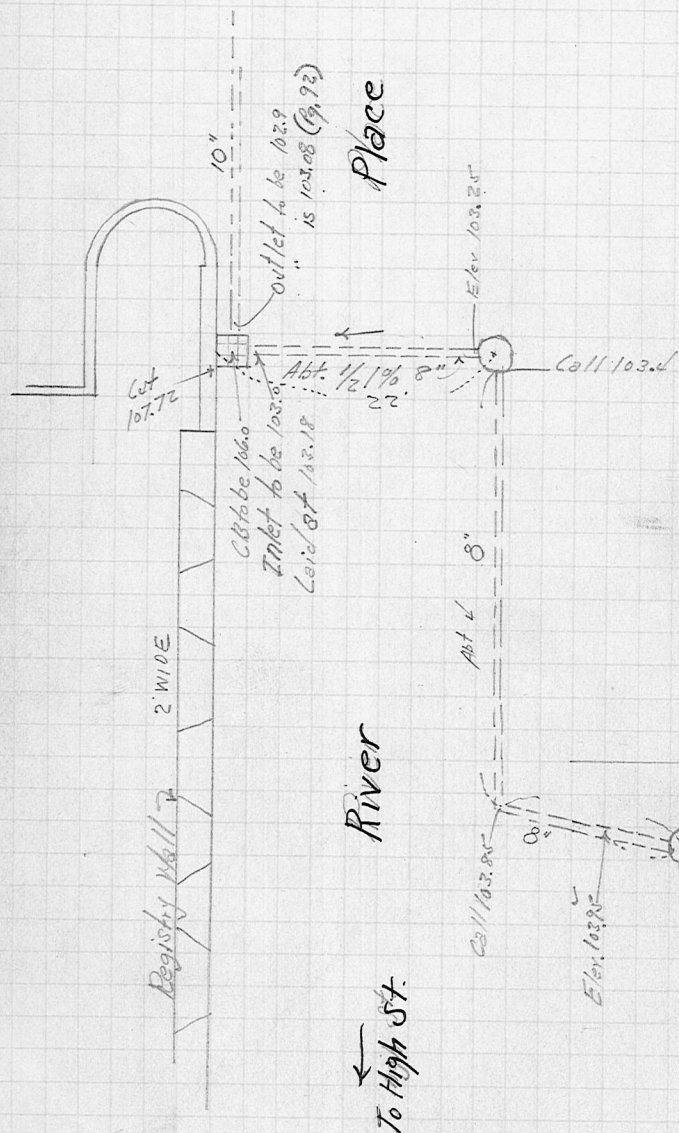
Location of Drain River Place

103.60
103.85
0.45

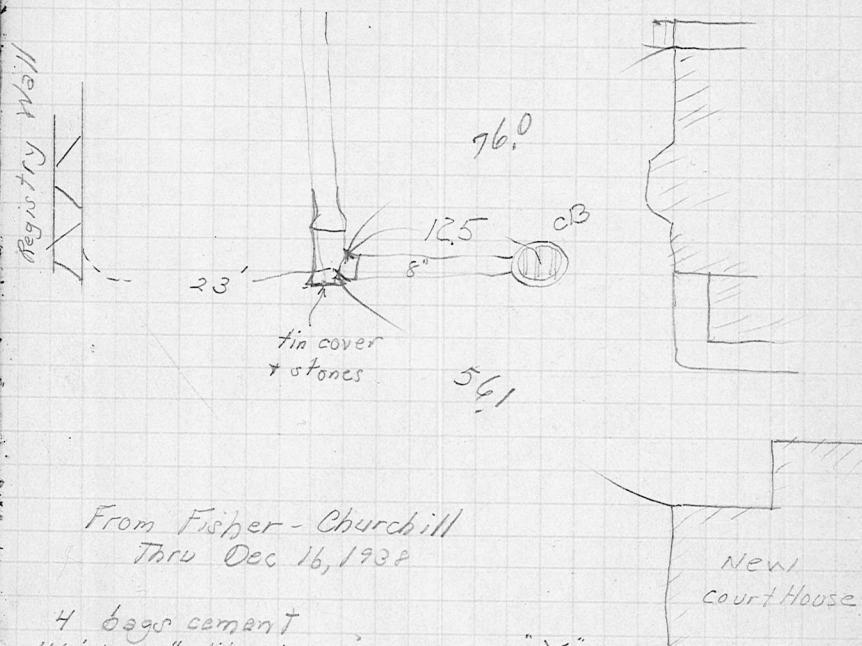
106.0

103.25

2.75 - 2'-9" to rim.



Location of "Y"



From Fisher - Churchill
Thru Dec 16, 1938

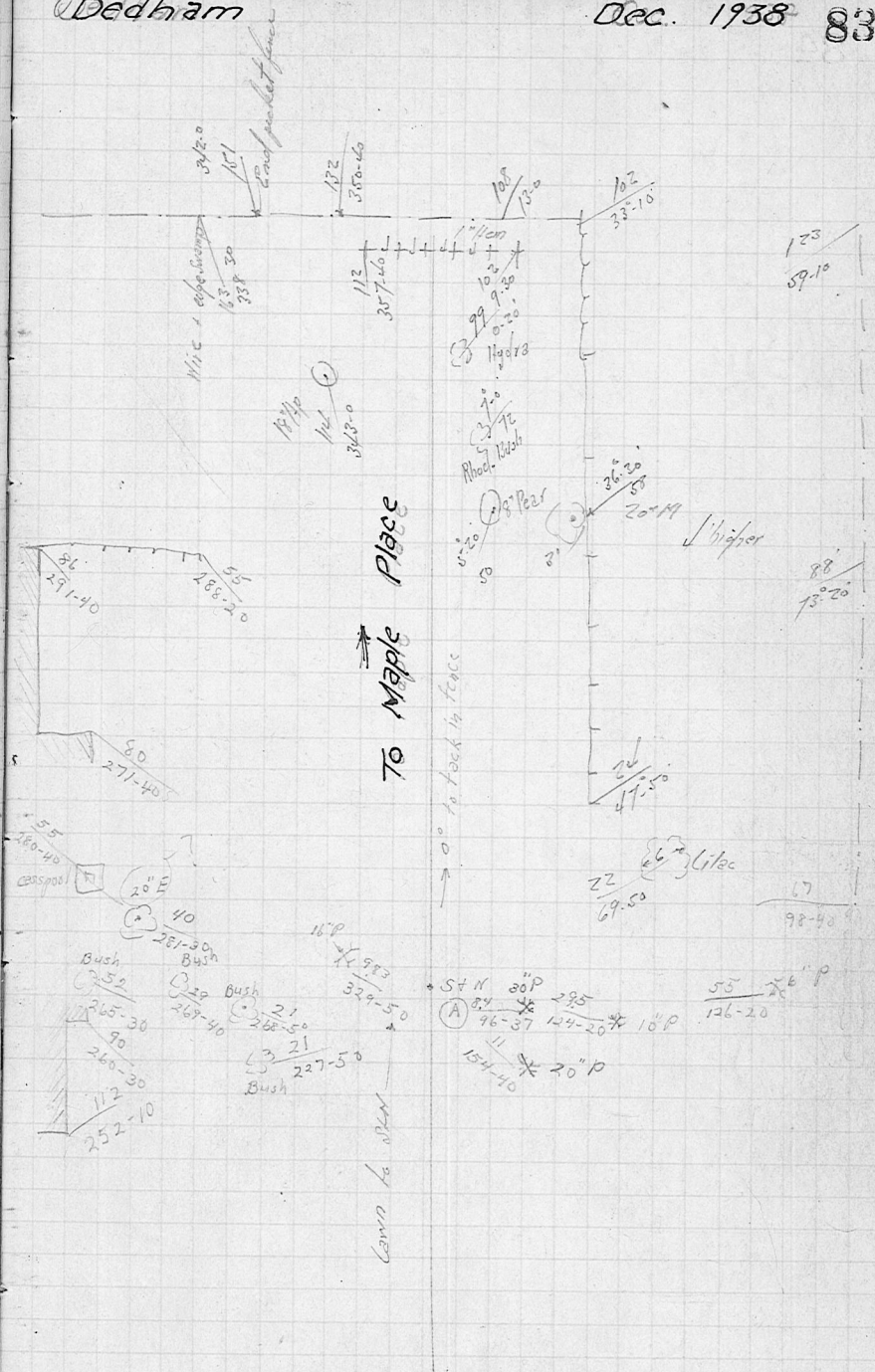
4 bags cement
46' ± 8" Vit Clay pipe 1-8x8" Y"
22' ± " "

Dec. 24
4 lengths 10" pipe

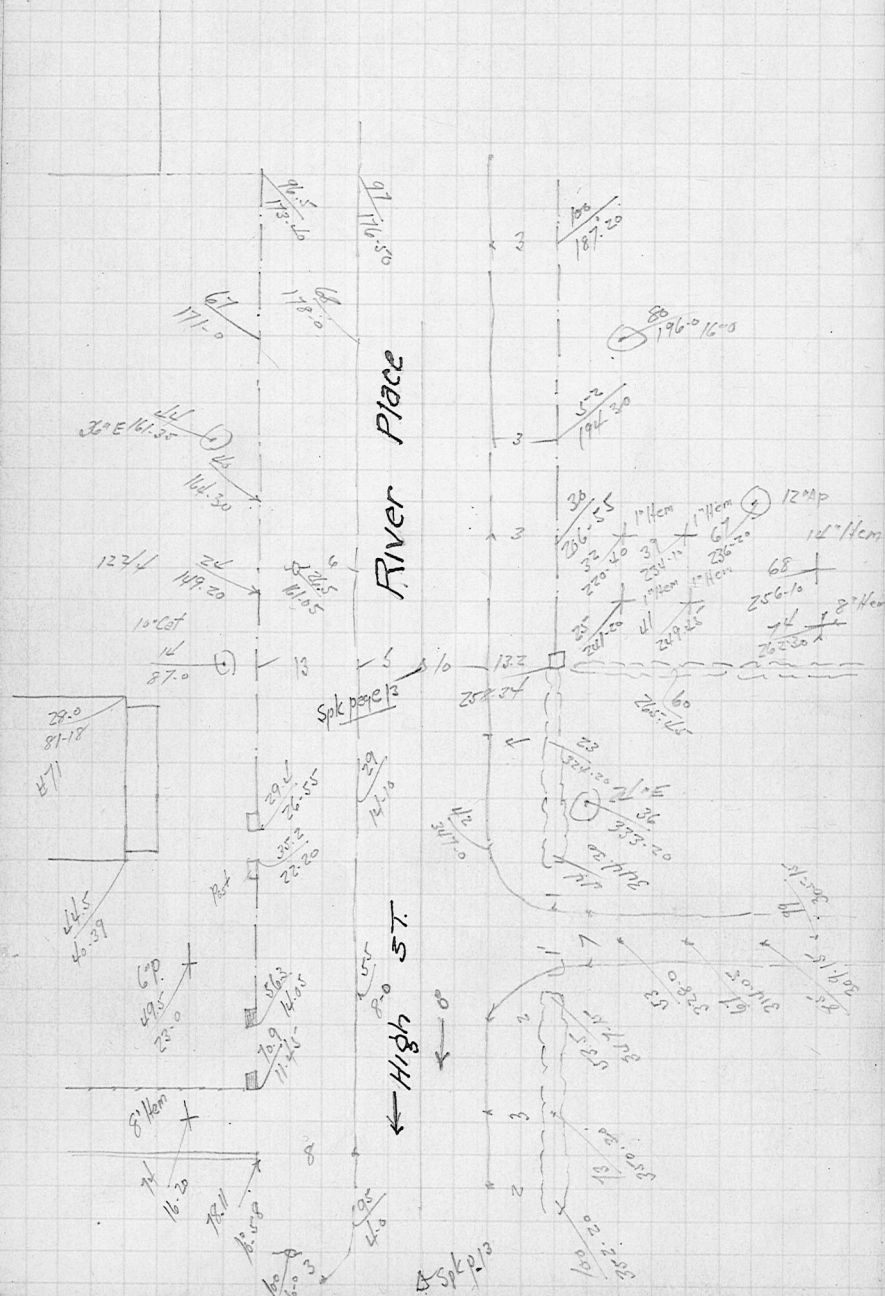
Total of Pipe + Cement used for drains on
River Place Delham month of December 1938.

82' - 8" Vit Clay
122' - 10" "

1 - 8x8" Y"
1 - 10x8" Y"
1 - 10x10" Y"
4 bags cement



Survey River Place Dedham



Inst.

Tape

Wthr & Temp.

Date _____

Crew

14 88 Survey + Levels Rear of Registry Thru Stinsons Prop To Charles River 89

		106.98		Cut on Riv CR H/Ey Cor Parking area	21	182.15	104.93	HI
		5.47		+	42	179.30		8" AP
17'	312.16	5.1	107.4	HI Set on sph in River Place	33	170.50		6" AP
36'	310.0	7.2	105.3		37	208.0		18"
		7.09	105.36	T.P. Left out cor. Lower Wood step at SHN (A)	83	180.55		6" AP
		2.92		+	65	357.20	3.9	101.0
		108.28		HI Set up on A Right on sph	30	356.35	4.4	100.5
13	4.10	4.6	103.7		45	8° 15'		18" P/L/over
20	229.20	+1.05	109.33	Cor. House + Sill	49	12.35		20" P/L/over
36	27.55			" "	14'	168.50	5.7	99.2
48	238.0	6.2	102.1		57'	175.0	5.9	99.0
100	235.40	6.2	102.1	near F.B. gang up to River Place	101	173.55	4.8	100.1
129	248.20	+6.5 ±	114.8	Cor. House + Sill ±	86	145.10	4.05	100.88
165	245.50			" "			10.31	Rt outer cor. Conc. Step House on left side T.P.
148	236.05	6.6	101.7				111.19	+
		6.06	102.32	T.P. Tack in Cloth Line Pole	42	340.30		HI Set up on "C" 0' on (B)
4	165.2			↑	25	21.40		± DRIVE 8' wide
		102.25		Cesspool	35	13.50		" " " "
		2.71		+	44	34.50		16" AP
		104.93		HI Set up on (B)	52	39.05		Cess Pool
48	344.30			Cor Garage 0' on (A) 15X12			46.4	" "
36	333.20			" "			100.88	sill last house left
54	11.45			" Hen House 12x27			104.5	Rt outer cor. Conc. step see above
70	34.15			" " "			111.33	+
73	36.50			Cor Barn	29	51° 0'		HI
51	72.50			" "	40	57.25		± DRIVE
44	33.46			Cor of Shed 12x12	48	79.70		8" AP
57	45.0			" " "	66	77.15		± DRIVE
36	52.20			± 8' drive along a ramp	89	66.30		" " To Arms St
23	11.30			" " "	51	72.55		" " " " "
20	327.0			" " "	52	115.15		12" Pear Drive 3' Towards
28	258.40			" " "	62	154.30		± Drive to River Pl
47	224.0			" " "	84	178.50		" " " " " 10' wide
74	205.50			" " "	14	311.25		22" PINE
102	191.20			" " "	27	301.0		24" "
77	172.45			Cor Hen Hk 12x12	7	43.20		10" PINE
77	162.15			" " "	23	84° 0'		10" "
72	132.10			Cor House	32	95.20		20" "
105	147.40			" "	42	106.30		22" "
					29	2° 10'	98	101.5
					15	3° 0'	59	105.4
					22	179.15	4.8	106.5

Inst.

Tape

Wthr & Temp.

Date

Crew

69 164-15
116 163-061 1052 & Drive
74 1039

100.88 + 10.10

110.98 ✓ H.I.

5.74

105.24 ✓

T.P. spk in 30" stump
left of clearing

0.15

105.39 ✓ H.I.

30" Stump

138 24-48

spk in 30" stump
set "D" 0° on "C"

90 4-45

27

102.7

in field

30 3-30

4.6

100.8

"

30 65-10

30" P + 24" P

12 219-40

12" Birch

44 179-15

36" Will

28 160-25

7.3

98.1

60 168-30

9.3

96.1

89 172-10

11.1

94.3

River's edge

100 201-20

" "

121 131-50

" "

- 0.24

T.P. on drive

105.15 ✓

"

+ 4.06

109.51 ✓ H.I.

- 7.79

on sill of shed

101.72 ✓

T.P.

+ 5.18

106.90 ✓ H.I.

- 3.81

on stk.

103.09 ✓

T.P.

+ 9.26

112.35 ✓ H.I.

- 5.44

106.91 } ✓

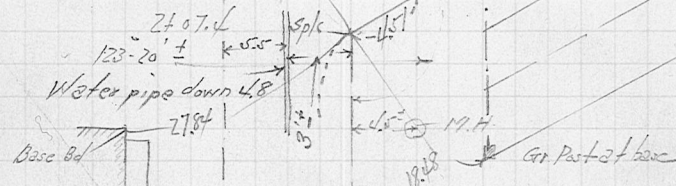
106.98 }

cut on rim C.B. 11 Ely cor. Parking

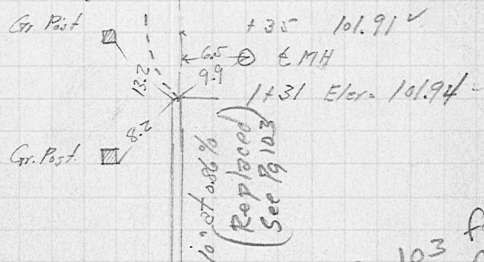
117.31		Top Gr. Post High + Pearl St Scep. 14
467		+
121.98 ✓		HI
4.08	117.90 ✓	2 Window Sill. First Window to left of
	3.20 (114.70)	ent to Co. Eng. office 3.20 down to Floor
6.01	115.97 ✓	Top Gr. slop. Ely end at Ely Ent. to
		Registry basement
214		+
118.11 ✓		HI
6.39	111.72 ✓	6 Basement Floor at foot of Steps Ely Ent.
271	115.40 ✓	T.P. on Curb
10.48		+
125.88 ✓		HI
8.57	117.31 ✓	Top Gr. Post as above
0.92	124.96 ✓	Mass C. + G. plate First steps Co. Ho. (119.243)
0.46	125.50 ✓	At main ent. to Court Ho. First Floor.
2.90	122.98 ✓	" " " Registry " "
8.57	117.31 ✓	Top of Gr. Post.

107.45		May 11 Grades for Ent. of 1st Drain River Pl.
4.73 ✓		End Curb at River Pl. See p. 64
112.21		+
5.24	106.97 (106.98)	HI
	102.12	Dim CB 11 Ely Gr. Parking Area Back Reg. p. 78
	101.91	4.09 to 6" line ✓
		4.20 to " " ✓

112.21	112.21
102.12	101.91
1.09	10.30
6.00	6.00
4.09	4.30



1131	
76.4	
2107.4 ✓	
4.51	
211.91 ✓	
124.60	
313 C.51	



see Pg. 103 for
New C.B.

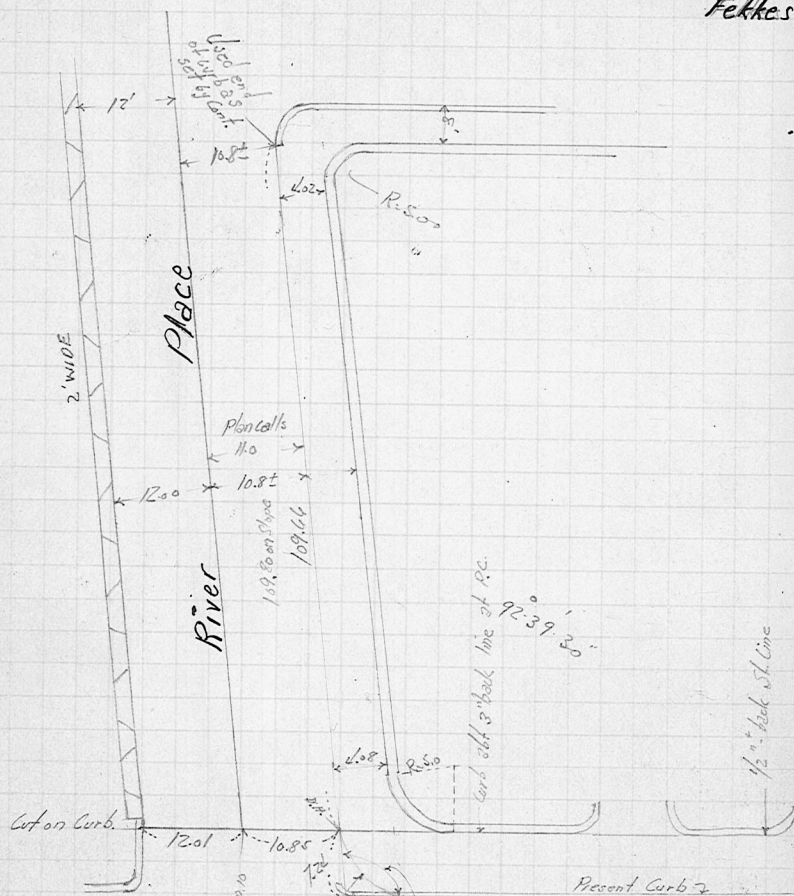
14" 10.2 at 0.86% 102.28 page 92
Add 3" over 4" water pipe
1110 = 102.12 ✓

2130
2107.4
226 ✓
meas ok

April 5, 1939.

Cain
Minah
Fekkes

Inst. Tape Wthr & Temp. Date Crew

C.B. 28
276
$$\frac{100}{\text{on } 2:39:30 = 9989239} = 1101$$

179.60

92.51

287.09

$$\frac{63-34:30 = 19}{19} = .9514555$$

66.54

43.13

109.67

01

109.66

109.8 on Slope

726

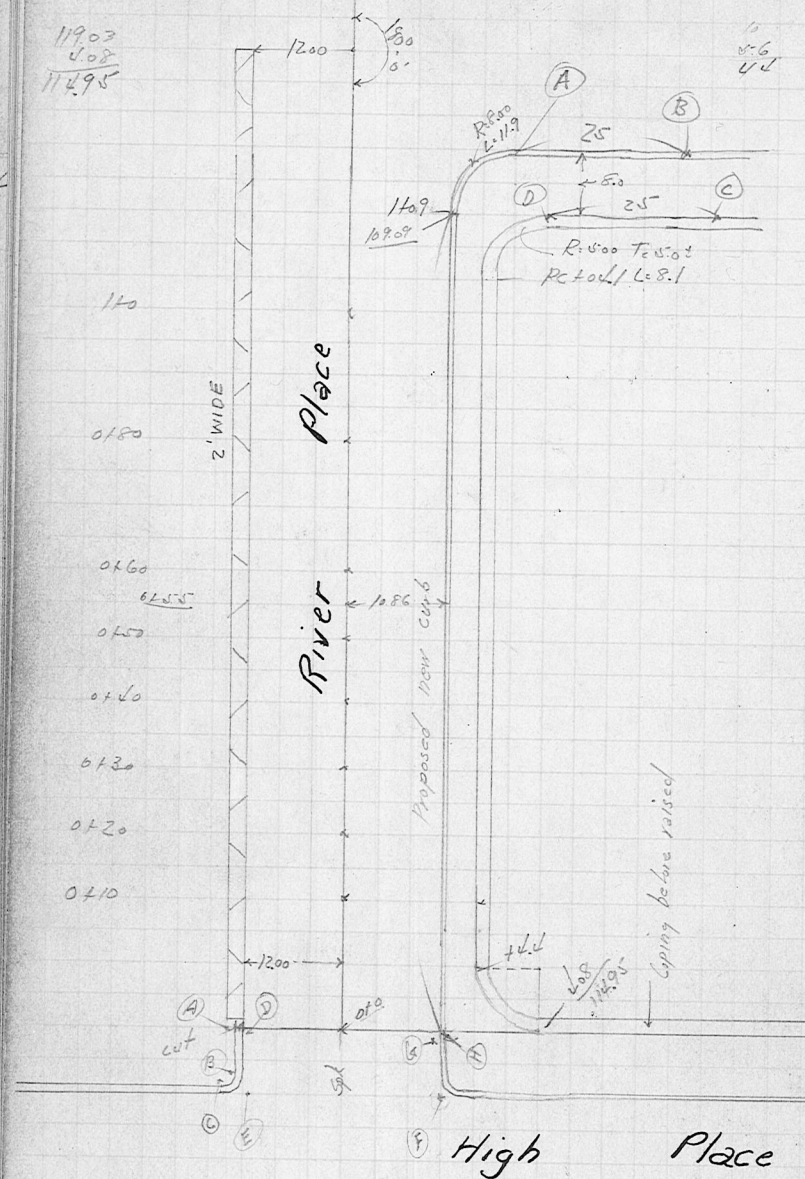
$$\frac{726}{\text{Temp } 63-34:30 = 2.9814555}$$

High St.

$$\frac{87.09 = 15210544}{7.60}$$

11.56

$$7.60 = \text{Rad of Cor. Curb.}$$



			Top Gr Post See Page 14
	117.31		+
	172		HI.
	119.03	✓	HI.
0+0 B	4.16	114.87	At back of walk
- 07 B	4.35	114.68	Gutter
- 25 B	3.85	115.18	3' High St.
A	3.91	115.12	Rear Car. walk
B	3.91	115.12	P.C. walk
C	3.93	115.10	PT Walk
D	3.97	115.06	on Tar.
E	4.25	114.78	Gutter
F	4.29	114.54	" at old Curb
G	4.26	114.77	On tar at st line and curb
H	4.23	114.80	On end old Curb at St line
0+10 B	4.7	114.3	✓
"	4.8	114.2	12' Left at wall
"	4.7	114.3	15' Rt at new Curb
"	4.21	114.82	On new Coping (pc River Pl. o. 11 higher (114.93))
0+20 B	5.3	113.7	✓
"	5.3	113.7	12' Left
"	5.3	113.7	15' Rt
"	4.38	114.65	On new Coping
0+21	4.38	114.65	" " " 3' post
0+30	4.85	114.18	" " "
0+40 B	6.6	112.4	✓
"	6.6	112.4	12' Left
"	6.2	112.8	15' Rt
"	5.46	113.57	On new Coping
0+50	6.16	112.87	" " "
0+60 B	7.7	111.3	✓
"	7.9	111.1	12' Left
"	7.6	111.4	15' Rt.
"	6.96	112.07	On new Coping
0+80 B	8.9	110.1	✓
	9.58	109.45	Spk in Pole # 1221, ✓ p. 75
	4.08	114.95	Cut on Reg. wall 2' W/ly pole # 1221
0+50	8.9	110.1	12' Left
"	8.8	110.2	15' Rt
"	8.20	110.83	On new Coping
1+09 ± 11' R	9.94	109.09	T.P. on end of St. Curb left by Contractors
	3.17		+
	112.26	✓	HI

	11226	HI	
110 B	3.2	109.1	
"	2.9	109.4	12' L
"	3.2	109.1	15' R
"	2.47	109.79	On new Coping
0+70	0.92	111.34	" " "
1+041	2.70	109.56	" " " at P.C.
1+17, 15'R	3.81	108.45	On new tar. Rear. Co. Ho. (Reg. Drive)
1+20 B	4.3	108.0	
"	4.2	108.1	12' Left at Wall
"	3.94	108.32	15' R on tar + Reg new drive
1+40 B	4.9	107.4	
"	4.9	107.4	12' Left
"	4.50	107.76	15' R edge Drive
1+54	4.77	107.49	" " " + end of Drive
1+60 B	5.3	106.96	
"	5.4	106.9	12' Left
"	5.4	106.9	10' R edge travel Way
" 12R	5.9	106.4	Gutter
" 14R	4.9	107.4	& Hedge
1+80 B	5.5	106.8	
"	5.3	107.0	12' Left
" 9R	5.5	106.8	Edge T.W.
" 11R	5.9	106.4	Gutter
" 14R	5.1	107.2	& Hedge
1+96 9R	6.30	105.96	C.B.
1+98.5 12L	6.30	105.96	C.B.
2+0	6.3	106.0	12' Left
" B	5.6	106.7	
"	5.9	106.4	8' R edge T.W.
"	6.0	106.3	10' R
"	5.3	107.0	15' R & end Hedge
2+07 12R	5.60	106.66	& end Walk
2+13 13R			Reg Hedge
2+15 12.5L	5.6	106.7	P.C. of Curb to Parking area
"	4.61	107.65	On " " " at P.C.
2+20 B	5.4	106.9	
" 10'R	5.5	106.8	Edge T.W.
" 13'R	5.2	107.1	& Hedge
2+23 13R			End Hedge
2+30 14'R	5.6	106.7	& Drive

	11226	HI	
2+30 30'R	5.4	106.9	& Drive
2+20 11'L	5.7	106.6	Edge T.W.
" 15'L	5.4	106.8	
2+40 B	5.5	106.8	
2+39			12.5' R Reg Hedge
2+40 10'R	5.4	106.9	Edge T.W.
" 12.5'R	5.7	106.6	& Hedge
"			13.5' R 10' Tree
" 10'L	5.3	107.0	Edge T.W.
" 17L	5.1	107.2	
2+60 B	5.2	107.1	
" 10'R	5.5	106.8	Edge T.W.
" 12'R	5.6	106.7	& Hedge at Ely end of d'Gap
" 10'L	5.2	107.1	
" 12.5L	5.2	107.1	4' Curb
	4.78	107.48	On end of curb at parking area (& 8' Strip) P.C.
2+80 B	5.2	107.1	
" 11R	5.4	106.9	Edge T.W.
" 13R	5.5	106.8	& Hedge
" 8'L	5.2	107.1	
" 16'L	5.1	107.2	
		107.48	See above
	4.75		+ (Checked back)
	11223	HI	
3+0 B	5.3	106.9	
" 11R	5.3	106.9	Edge T.W.
" 13.5R	5.3	106.9	& Hedge
" 8'L	5.2	107.0	Edge &
" 16'L	5.1	107.1	
3+20 B	5.1	107.1	
" 13R	5.2	107.0	edge
" 14.5R	5.0	107.2	& Hedge
" 6'L	5.2	107.0	edge
3+35 3.5R	4.91	107.32	Rim M.H. in River Pl. (107.32)
3+40 B	4.9	107.3	
" 11'R	4.9	107.3	edge
" 16R	4.8	107.4	& Hedge
" 4'L	4.9	107.3	edge
3+60 B	4.5	107.7	

102

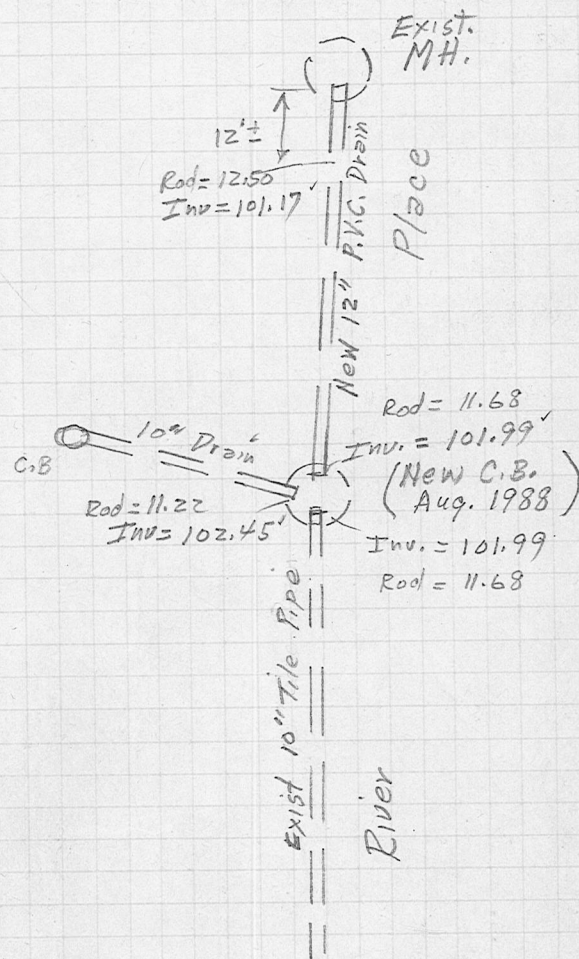
Levels in River Place

April 22, 1939.
Carr, Minah, Fekkes

	109.45	Spt in Pole #122/1 Laps 75 + p 99
	313	+
	112.58 ✓	HI
A	309	109.09 P.T. St. Curb
B	361	108.97 PC Curb Sec p 98
C	348	109.10 On " " "
D	293	109.65 " New Coping Sec p 98
	2.99	109.59 P.T. " "
1120	4.09	108.49 30' RT on Ter.
1160	5.17	107.41 25' " " "
"	4.93	107.65 35' " " "
1154	4.42	108.16 55' " " 2nd edge
"	5.9	106.7 12' RT
"	5.5	107.1 9' "
1154 B	5.6	107.2 ✓
"	5.7	106.9 12' Left
	313 ✓	109.45 on Pole
1160	5.3	107.3 15' back Hedge
1180	5.5	107.1 " " "
	5.7	106.9 15' up & walk

River Place, Dedham New 12" P.V.C. Drain Pipe 103

Inst.	Tape	Wthr & Temp.	Date	Crew
+0.79	113.67 A	112.88 N.W. Cor Gran Post. River Pl.	8/4/88	CTR + JMP
		- 1.98 111.69 N.W. Cor Door Sill Eng Dept (11171)		197/67



106

Inst.	Tape	Wthr & Temp.	Date	Crew
-------	------	--------------	------	------

107

Inst.	Tape	Wthr & Temp.	Date	Crew
-------	------	--------------	------	------

Sta	Grade	Set	
109.45			Spt in pole # 122/1 p 99 + 75
7.24			+
116.69			HI
9.52	10 7.17	(107.18 p 78)	Cut on Rim C.R. in area back C.R.
1.78	114.91	114.90	on end of curb at oto (- do to curb)
0+0		114.70	1.99
0+10		114.30	2.39
0+20		113.73	2.96
0+30		113.12	3.57
0+40		112.37	4.32
0+50		111.62	5.07
0+60		110.91	5.78
0+70		110.35	6.34
0+80		109.80	6.89
0+90		109.30	7.39
1+0		109.12	7.57
1+04			End of Curb 109.09
1+09	7.59	109.10	On Coping.
0+90	6.39	110.30	Spt in pole 25 above
	7.24	109.45	Pole See above
	109.45		+
	6.15		HI
	115.60		Old mark on Reg Wall
0+60	3.91	111.69	" " " "
0+60	2.70	112.90	" " " "
0+80	5.14	110.46	" " " "
1+0	6.17	109.43	" " " " (Final)
0+50	3.27	112.33	" " " "
	109.45		April 28, 1939 Cain Fekkes
	9.40		Pole
	118.85		+
0+127	4.08	114.77	HI
	3.71	115.14	On Coping
			2.85 on face wall

116.69	116.69	116.69	116.69	116.69
114.70	114.20	113.73	113.12	112.37
0110-1.99	0120-2.39	2.96	3.57	4.32 = 0.450
116.69	116.69	116.69	116.69	116.69
111.62	110.91	110.35	109.80	109.30
5.07 = 0.46	5.78	6.34	6.89 = 0.490	7.39
116.69	110.30	110.30		
109.12	109.80	109.92		
7.57	.50	.38		
		109.80 = Curb		109.15
		.12 in wall		0.60
118.85	4.08	114.77		Brick
115.00	23	.18		
3.85	3.85	114.95		
118.85		116.11		
2.85		115.09		
116.00 = mark on wall		1.02		1-1/4 PC River H.
114.95				Down from mark.
1.05 = Down from mark				mean 1.04 PS. River Pl
+ 1 1/8				" 1.01 " High St.
mean 1.06				

110

Cain
Minah
Fekkes

Tape

Wthr & Temp.

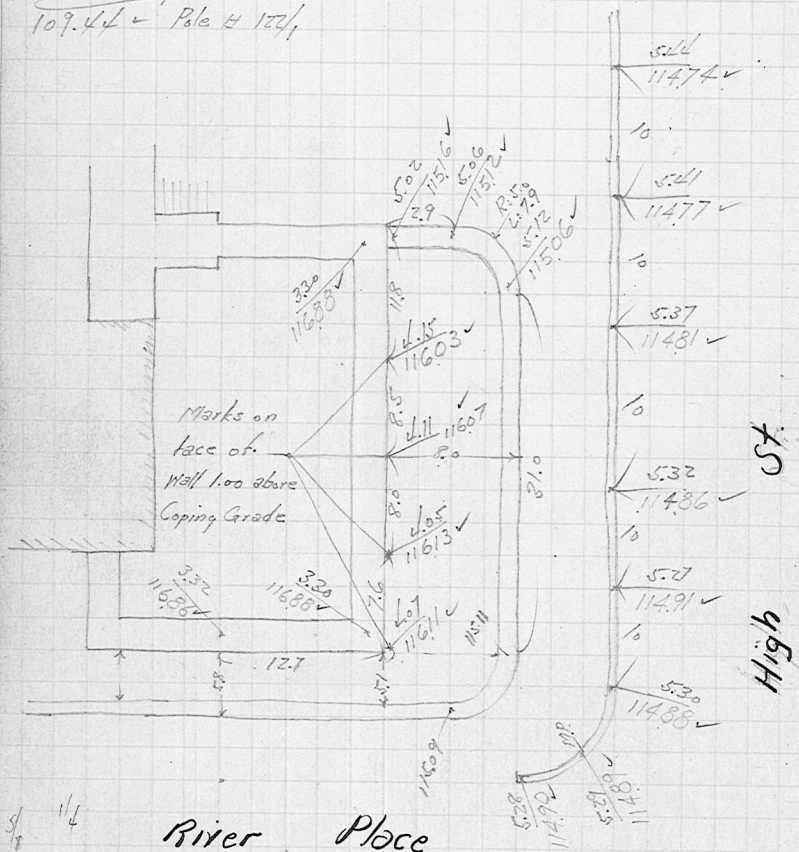
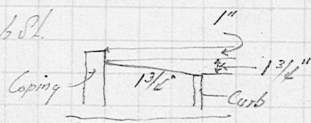
Date _____

Crew

111

$$\frac{2.87}{120.18} \text{ HI} \checkmark$$

$\frac{10.74}{109.44} \approx \text{Pole H } 122/$



River Place

$\begin{array}{r} 116.11 \\ 08 \\ \hline 116.03 \\ 1.00 \\ \hline 115.63 \end{array}$	$\begin{array}{r} 116.13 \\ 08 \\ \hline 116.05 \\ 1.00 \\ \hline 115.05 \end{array}$	$\begin{array}{r} 116.07 \\ 08 \\ \hline 115.99 \\ 1.00 \\ \hline 114.99 \end{array}$	$\begin{array}{r} 116.03 \\ 08 \\ \hline 115.95 \\ 1.00 \\ \hline 114.95 \end{array}$
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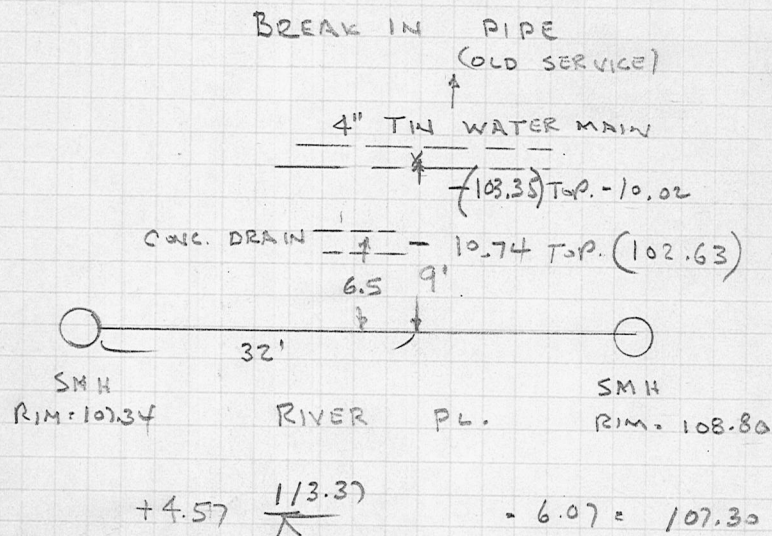
W 112 River Place Dedham
Checking Stks. for curb

May 1, 1939
Cain, Minah, Fekkes

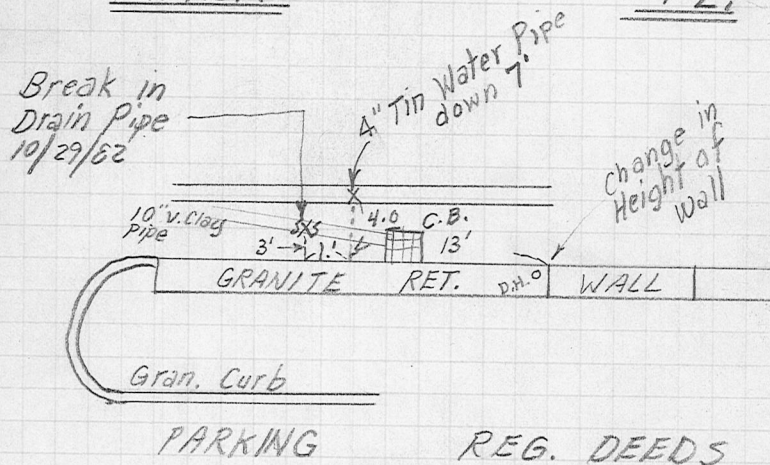
113

		Grade	Set					
	109.45			Spt in Pole at 122/1	119.86	119.86	119.86	112.07
	10.41			+	114.70	114.30	113.73	106.52
	119.86			HI	5.16	5.56	6.13	5.55
	2.54	117.32		Top of Gr. Post Con. Hight & Pearl St (p. 14)				
0410			114.70	5.16	SAH 403 - Coping	112.09		
0420			114.30	5.56	SAH 406 - H. Coping	106.52		
0130			112.73	6.13		5.57		
	107.48			E 4 Rod				
	4.59			+				
	112.07			HI				
		106.52		Grade at 210				
	4.92	107.15		Rim CB Res. New Co. Ho. 107.17				
	4.38	107.69		Cut over CB. seep 92 107.72				
		107.17		Rim CB. New Co. Ho.				
	4.92			+				
	112.09							
	4.12	106.97	106.99	Cut on Rim CB H. Ely Con. Parking				
	4.37	107.72		Cut over CB River Pk				
		106.52	5.57	Top of Gas Drip				

114 Location WATER PIPE 3/2/82
RIVER PL. - DEDHAM

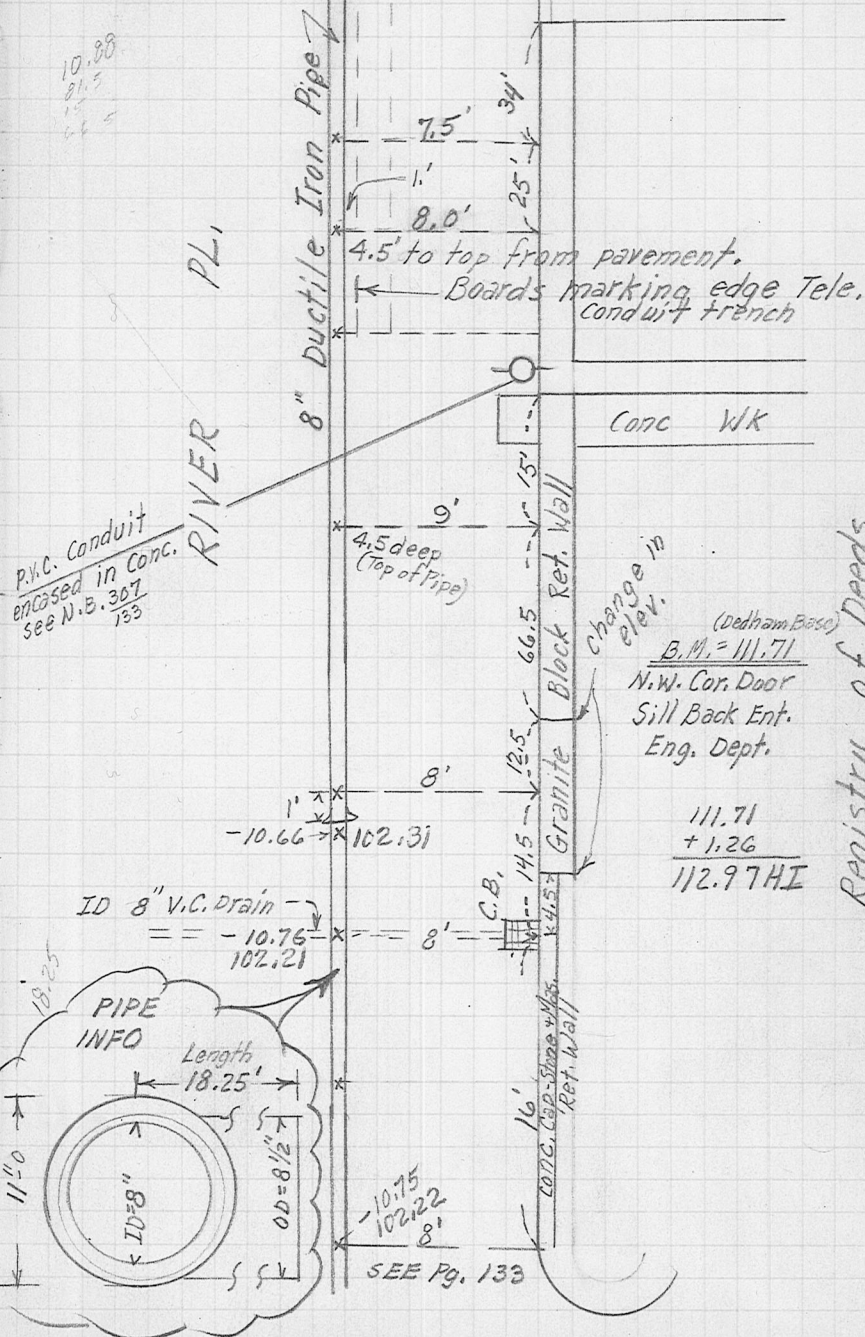


Location Water Pipe
& Break in Drain made by Dedham Water Co
RIVER PL.



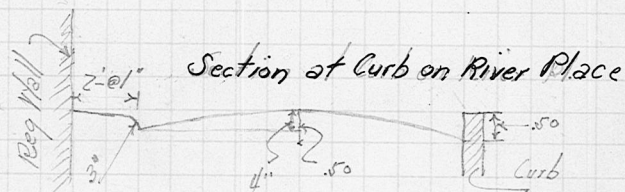
REG. DEEDS

Location New Water Main 9/14/83 CTR
River Pl. CONC. S.W. 115

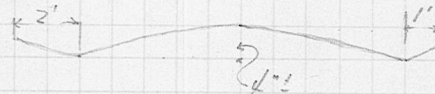


	109.45	Grade	Set	Spk in Pole 124 p 75
	318			+
	112.63			HI
	5.46	107.17	(107.15)	Cut on Rim C.B. River New Co. H.
110		109.30	3.33	on Stk 12' L
1120		108.45	4.18	" " "
1140		107.80	4.83	" " "
1160		107.30	5.33	" " "
1180		106.80	5.83	" " "
210		106.52	6.11	" " 12.5' Rl.
2120		106.64	5.99	" " 12.0 "
2140		106.76	5.87	" " 11.0 "
2160		106.88	5.75	" " 11.5 "
2180		107.00	5.63	" " 12.2 "
310		107.12	5.51	" " 12.7 "
3120		107.24	5.39	" " 14.1 "
3135	5.29	107.34		Sly Rim M.H. (107.32)
2178	5.91	106.72	5.98	on Water Gate

112.63	112.63	112.63	112.63	112.63	112.63
109.30	108.45	107.80	107.30	106.80	106.52
3.33	4.18	4.83	5.33	5.83	6.11
107.00	112.63	112.63	112.63	112.63	112.63
106.35	106.64	106.76	106.88	107.00	107.12
106.72	5.99	5.87	5.75	5.63	5.51
.07	5.29				
5.91	112.63				
5.98	107.24				
	5.39				



Section below Curb to end of prop. line



	107.48		Finish	End Center of planting space on curb
	5.59		Grade	+
	113.07		HI	
240 ±	7.12	105.95		C. Bon Right
"	7.14	105.93		" " Left
2120	6.86	106.21		Gutter line on Rt.
"	6.90	106.17	106.31	" " Left
2140	6.79	106.28		" " Rt
"	6.78	106.29	106.43	" " Left
2160	6.65	106.42		" " Rt
"	6.63	106.44	106.55	" " Left
2180	6.58	106.49		" " Rt
"	6.53	106.54	106.67	" " Left
310	6.47	106.60		" " Rt
"	6.50	106.57	106.79	" " Left
3120	6.14	106.93		" " Rt
"	6.46	106.61	106.91	" " Left
3122 ±	5.68	107.39		End Curb

	107.48		Grade	July 15, 1939. on Finished Surface
	5.00			End Center of Parking space on curb
	112.48		HI	
210 ±	6.52	105.96		C. Bon Rt
"	6.52	105.96		" " Lt.
"	6.11	106.37	106.52	
2120 ±	5.92	106.56	106.64	
"	6.26	106.22	106.31	Gutter Rt.
"	6.24	106.24	106.31	" Lt.
2140 ±	5.74	106.74	106.76	
"	6.12	106.36	106.43	Gutter Rt.
"	6.10	106.38	106.43	" Lt.
2160 ±	5.65	106.83	106.88	
"	5.99	106.49	106.55	Gutter Rt.
"	5.92	106.56	106.55	" Left
2180 ±	5.59	106.89	107.00	
"	5.91	106.57	106.67	Gutter Rt.
"	5.85	106.63	106.67	" Lt.

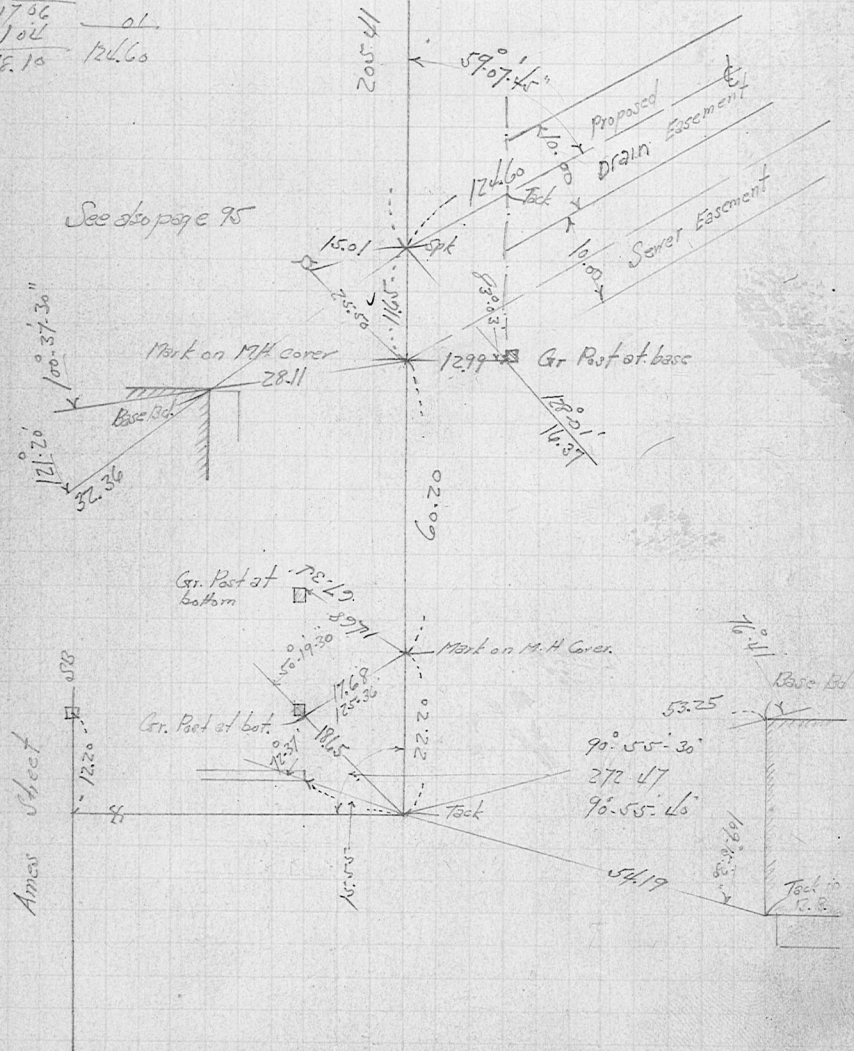
310 ±	5.50	106.98	107.12	
"	5.78	106.70	106.79	Gutter Rt.
"	5.84	106.64	106.79	" Left
2195	5.87	106.61		Gutter Left (Low Spot)
3120 ±	5.24	107.24	107.24	
"	5.40	107.08	106.91	Gutter Rt.
"	5.72	106.76	106.91	Gutter Left
3106 ±	5.30	107.18		End Const.
"	5.35	107.13		Gutter Rt.
"	5.48	107.00		" Left (8' off)
"	5.00	107.48		End Curb

205.41
11.65
217.06 P
217.12 - 1925

Sept 1.
Sut. 9.933.66.61
11.65 ✓ 1.066.35.39

205.39 97.67
02 26.92
205.41 124.59
11.65 01.
217.06 01.
10.02 124.60
218.10

See also page 95



Proposed

Drain for River Place Dedham

Cont on page 128

Coin, Minah
Aug 3, 1939

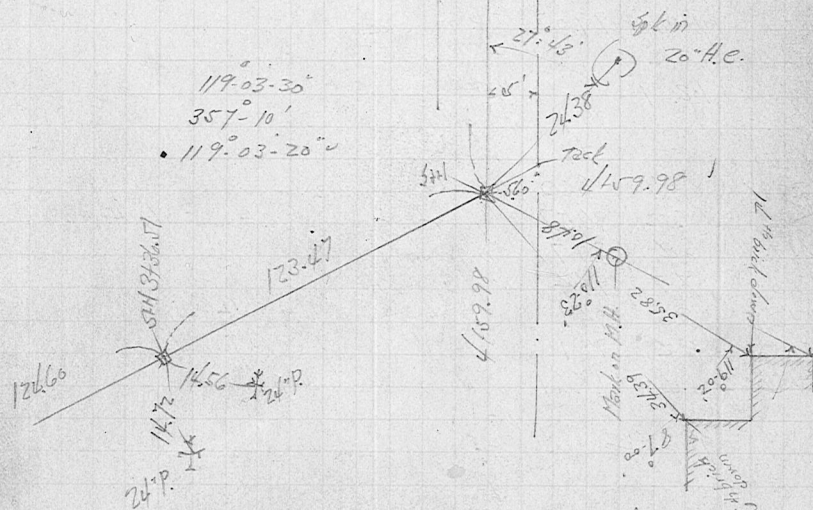
61.12
6234
123.46
01
123.47

205.68
02
205.70

3136.51
123.47
4159.98 ✓
205.7
665.68 ✓
179-19-30
36
539-19-30
179-46-30

Spl. in Root 20' loc.
179-46-30
179-19-30
179-46-30

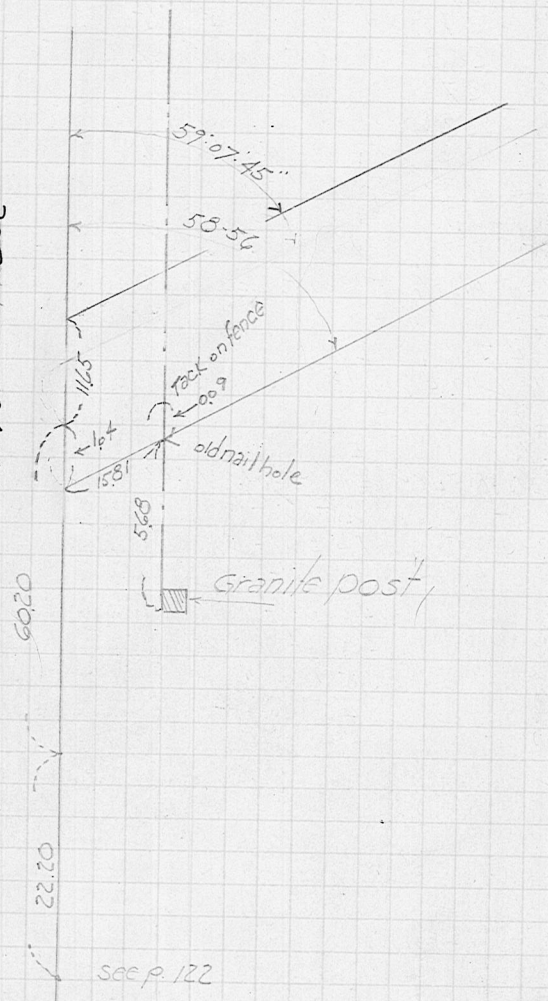
665.68
3 12.93
9178.61
41.60
1 20
3440
3136.51
3.49 ✓
30
26.5



	106.99		Cut on Rim of C.B. in Parking Area Sec P. 92
	557		+
	112.56		H.I.
	5.07	107.49	End of E Curb.
	0.77	111.79	Spk in Blk # 1224
	464		+
	116.43		H.I.
1431	9.3	107.1	On Ground over end of Drain
1450	9.0	107.4	" "
1438	9.10	107.33	Wly Rim M.H.
1175	8.4	108.0	On Ground at edge T.M.
240	7.4	109.0	" " " "
2407.4	7.0	109.4	" " " " + Angle
2425	6.4	110.0	" " " other edge
2450	6.1	110.33	" "
2475	5.8	110.6	" "
310	6.5	109.9	" "
	6.96	109.47	Spk in Root of 20" Dead Pine
	0.50		+
	109.97		H.I.
3125	1.7	108.2	On Ground
3150	4.1	105.9	" "
3175	6.6	103.4	" "
440	9.6	100.4	" "
	10.90	99.07	T.P. on fence
	3.02		+
	102.09		H.I.
4125	3.0	99.1	On ground
4150	5.0	97.1	" "
4209.8	5.49	96.60	On Stk Gr. 0.2 lower
	0.52	96.57	Nly part of Rim at M.H. 3.5 Sty Fence (Jewer)
4175	6.4	95.7	On ground
570	7.7	94.4	" "
5125	8.0	94.1	" " 4.5 Silt
5750	8.2	93.9	" " 1' Silt ground
5150.26	3.48	98.61	Spk in old stump
	1.17		+
	99.78		H.I.

	99.78		H.I.		
5475	5.8	94.0	On Ground	No Silt	
640	5.5	94.3	" "	1.5' Silt ground	52
6425	6.1	93.7	" "	11' Silt hard land	112
6453	6.7	93.1	" "	4' Silt	
6165.68	7.10	92.68	On Stk Ground at lower.	7.5 Silt	
6475	7.1	92.7	" Ground		
6485	7.6	92.2	" " opp end of ditch		
740	7.5	92.3	" " Ditch 7' ± Ph.		
"	9.0	90.8	In E Ditch		
6485	8.9	90.9	" " "		
	4.05	95.73	Spk in Root of 24" Loc. at 740 ± 46' ± L		
	0.72	99.06	T.P. on Fence (99.07)		
	10.58		+		
	109.64		H.I.		
	0.18	109.46	Spk in Pine (109.47)		
	5.27		+		
	114.73		H.I.		
	7.25	107.48	End E Curb.	107.49	
	6460		6.5' Silt		
	6435		1.0' ± Silt		
	6440		3.0 Silt		
	5738		4.0 Silt		
	5140		2' Silt ground		
	5412		3.5 " "		
	6489		14.0 Silt		

River Place



River Place Drain Dedham

Final

Sept 1, 1939

Soundings	from Sta 4159.98 to Sta	(See p 123)	Corr
4160	Hard Land		minib
4170	Hard land and abt 2' loam		folkes
4180	" " " " 1.5 "		
4190	" " " " 2.5 "		
4195	4' Silt and loam		
510	5' Silt + loam (Test pit 6.5' stone + ash till to hard bottom)		
5110	4.5 Soft ground		
5120	5.0 " " (Test pit 2' loam 2' peat to hard bottom)		
5130	4.0 " "		
5140	4.5 " "		
5150	2.0 " "		
5160	4.5 " " (Test pit 2' loam 2.5 peat to hard bottom)		
5170	3.5 " "		
5180	3.0 " "		
5190	2.5 " "		
610	2.0 " "		
6110	3.0 " " (Test pit 2' loam 1' peat to hard bottom)		
6120	2.5 " "		
6130	1.5 " "		
6140	3.5 " " + Silt		
6150	4.5 Silt (Test pit 1.5' loam 3.0 peat to hard bottom)		
6160	6.5 Silt		
6175	8.0 "		
710	17.0 "		
7125	14.5 "		
7150	10.5 "		
7175	13.0 "		
810	15.0 "		
8125	14.0 "		
8150	9.0 "		
8175	7.5 "		
910	3.5 "		
9125	3.0 "		
9135	3.0 "		
9145	3.0 "		
9150	1.5 Soft ground Edge hard land		

Sta	Grade	Set	
98.61			Spk in old Stump 5452' 20' P.124
1.03 ✓			+
99.64 ✓			HI
3.2 ±	96.4 ±	96.57	1/4 part of Rim Sewer M.H. p.124
3.90	95.74 ✓	(95.73)	Spk in root 24" loc. 710' 66' p.125
44.60		94.00	5.64 - 1.64 to 4' line At M.H.
44.90		93.70	5.94 - 1.94 to 4' line
54.20		93.40	6.24 - 2.24 " " "
54.50		93.10	6.54 - 2.54 " " "
54.80		92.80	6.84 - 2.84 to 4' line
64.10		92.50	7.14 - 3.14 to 4' line
64.40		92.20	7.44 - 3.44 " " "
64.50		92.10	7.54 - 3.54 " " "
111.79			Spk in Pole 122 1/2 Sec p.124
3.94			+
115.73 ✓			HI
24.74	6.32	109.41	101.28 ✓ on Spk in River Pl. ✓
24.30	5.81	109.92	101.09 ✓ C=8.83 on Stk (up 1.17 to 10' line) ✓
24.50	5.41	110.32	100.92 ✓ C=9.40 on Stk (up 0.60 to 10' line) ✓
24.80	5.37	110.36	100.66 ✓ C=9.70 on Stk (up 0.20 to 10' line) ✓
34.10	6.24	109.49	100.40 ✓ C=9.09 on Stk (up 0.91 to 10' line) ✓
	6.26	109.47	Spk in root 20" Dead pine 109.47
	0.01		+
	109.48 ✓		HI
34.40	2.30	107.18	100.14 ✓ C=7.04 On Stk (up 2.96 to 10' line) ✓
34.70	5.59	103.89	98.95 ✓ C=4.94 " (up 1.06 to 6' line) ✓
44.00	9.15	100.33	97.30 ✓ C=3.03 On Stk (up 2.97 to 6' line) ✓
44.30	10.67	98.81	95.65 ✓ C=3.16 " " Also T.P. (up 2.84 to 6' line) ✓
	3.95		+
	102.76 ✓		HI
44.60	6.16	96.60	94.00 ✓ on Stk at M.H. (96.60 p.124)
	6.19	96.57	M.H. Rim M.H. p.124 96.57
	4.76	98.00	4' up at 44.60

99.64	99.64	99.64	99.64	99.64	99.64	99.64
94.00	93.70	93.40	93.10	92.80	92.50	92.20
5.64	5.94	6.24	6.54	6.84	7.14	7.44
99.64	24.30					
92.10	24.07.4					
7.54	22.6					
22.6 x 0.86% = 0.19						101.28
20.0 x 0.86% = 0.17						.19
30.0 x 0.86% = 0.26						101.09
10.0 x 0.86% = 0.09						.17
20.0 x 5.5% = 1.10						100.92
30 x 5.5% = 1.65						.26
						100.66
						.26
						100.40
						.26
109.92	110.32	110.36				100.14
101.09	100.92	100.66				.09
8.83	9.40	9.70				100.05 ✓ At Angle 24 3450
10.00	10	10				.10
1.17	0.60	0.30				98.95
109.49	107.18					1.65
100.40	100.14					97.30
9.09	7.04					1.65
10.00	10					95.65
.91	2.96					1.65
						94.00 ✓
103.89	100.33	98.81				
98.95	97.30	95.65				
4.94	3.03	3.16				
6	6	6				
1.06	2.97	2.84				

W 136 Grades for extension of Drain on River Place Cain
Nov. 4, 1939. Minah

			Grade	
	106.99			Cut on Rim CB 1/2 Ely Cor. Parking
	5.69			+
	112.68			HI
	5.19	107.49		End of E Curb parking area (107.49)
1131	5.51	107.17	101.94	C = 5.23 on stk (Up 3.77 to 9' line)
1150	5.19	107.49	101.78	" " (Up 3.29 to 9' line)
1175	4.60	108.08	101.57	" " (Up 2.49 to 9' line)
210	3.66	109.02	101.35	" " (Up 1.33 to 9' line)
2107.4	3.26	109.42	101.28	" " (Up 0.86 to 9' line) (109.42)
	0.88	111.80		Spk in pole 12" (111.79)
	109.47			Spk in dead pine
	6.23			+
	115.90			HI
	5.58	110.32		Bd at 210
	109.47			Spk in dead Pine
	6.72			+
	116.19			HI
	4.41	111.78		Spk in Pole 12" 111.79
	109.47		110.35	Set to 9' line
	1.80			Spk in dead Pine
	111.27			+
3150	5.40	105.87	100.05	HI
3170	7.39	103.88		(Angle) On stk (Up 0.18 to 6' line)
				On stk (103.89) p 134
	111.79			Spk in Pole 12"
	2.88			+
	114.67			HI
	3.59	111.08	101.09	Bd at 2130
	5.54	109.13		Inside Rim M.H. (NEly Side)
2107		101.12	bottom M.H.	8.01 to bottom M.H.

137

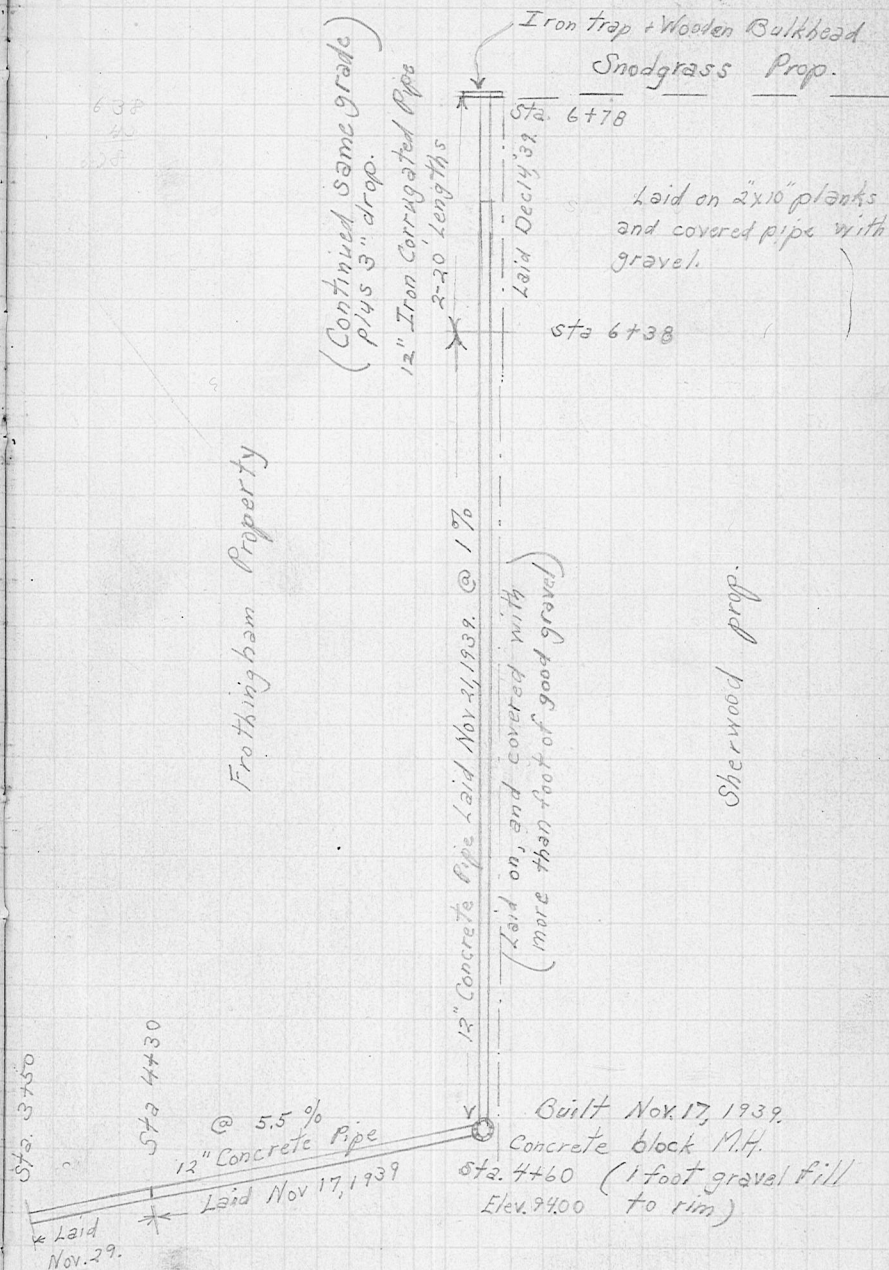
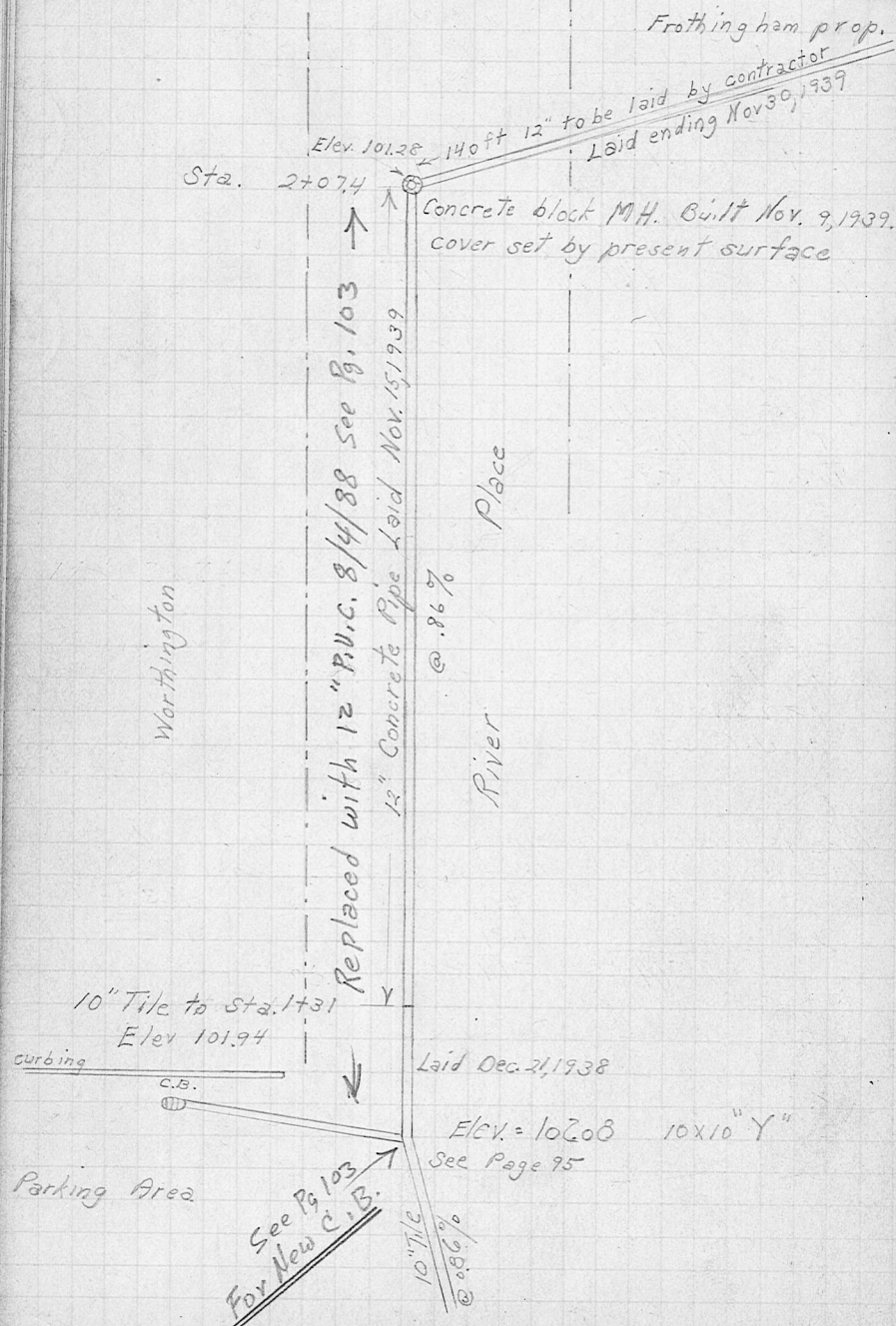
101.94	107.17	107.49	108.08
16	101.94	101.78	101.57
101.78	5.23	5.71	6.51
21	9.	9.00	9.00
101.57	3.77	3.29	2.49
22			
101.35	109.02	109.42	
.06	101.35	101.28	
101.29	7.67	8.14	
	9.00	9.00	
	1.33	0.86	
101.35	116.19	108.87	2100
9	110.35	100.05	
110.35	5.84	5.82	
		6.00	
		.18	

Nov. 23, 1939.
12" Conc. Pipe has been laid between the following
stations
Sta 1131 and M.H. at Sta 2107.4 76'
" 4130 " M.H. at " 4160 30
" 4160 at M.H. to Sta 6140 180
286 laid to date

Pipe is needed between station 6140 + 6150 10
" " " M.H. at Sta 2107 + 4130 223
233 6150
286 1131
519 519
223 - 781 = 1588
pipe needed
to complete job

101.28 grade should be
101.12 is " at M.H.
.16 low

Nov. 21, 1939



140 Soil Strata, River Place Dedham,
in section done by contractor

Nov. 1939.

Inst.

Tape

Wthr & Temp.

Date

Crew

141

end of contract.

3450

1.5' loam | 2.5' sub | remainder sand & gravel
soil

3410

2' loam | 2.5' sub | remainder sand & gravel
soil

2480

1.5' loam | 1.5' sub | remainder sand & gravel
soil

2450

1.5' loam | 2' sub | remainder coarse sand
soil & gravel

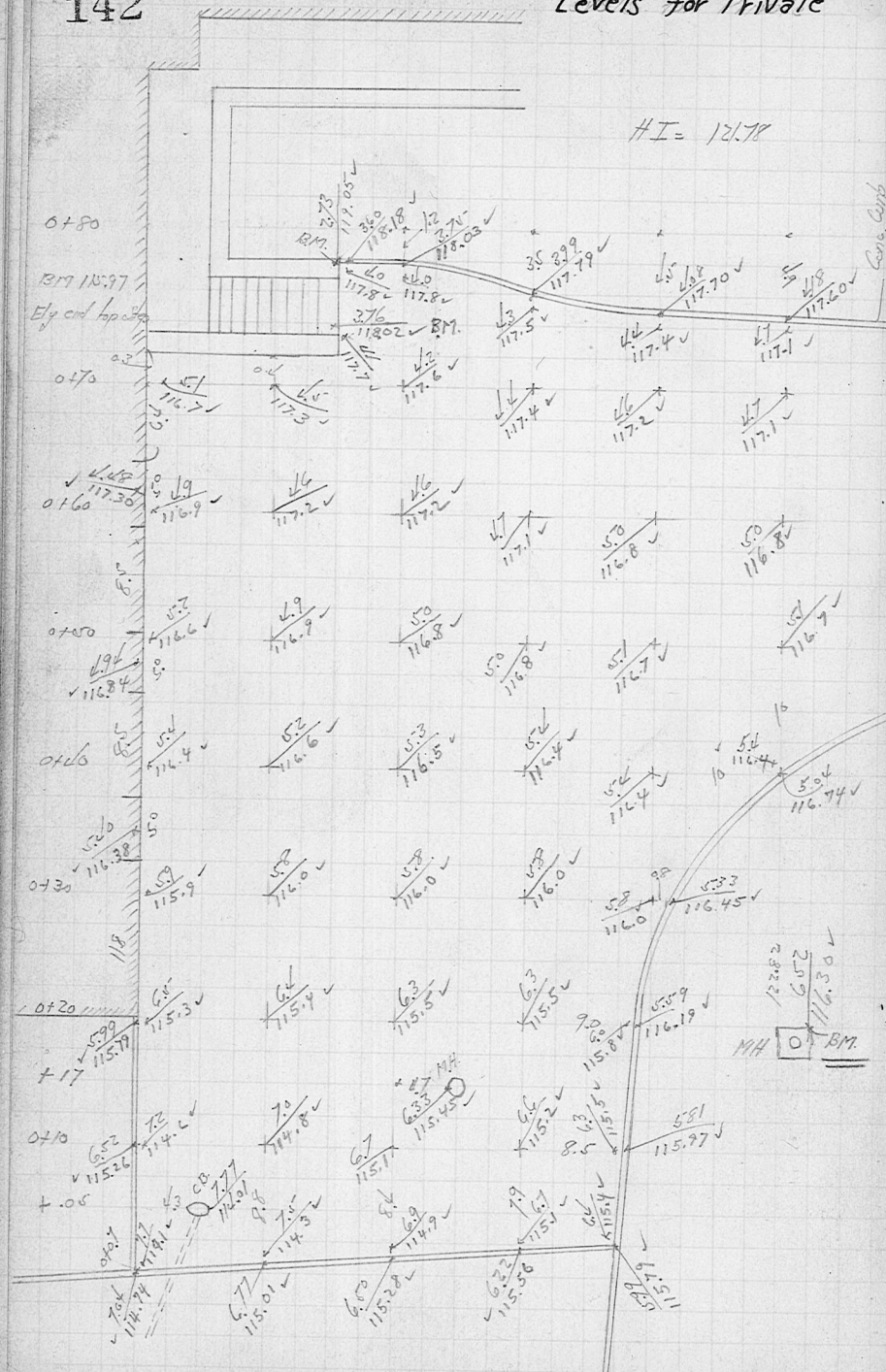
2130

1.5' loam | 2' sub | remainder coarse sand
soil & gravel

2107.4

at Manhole

1.5' loam | 2' sub | remainder coarse gravel
soil

Cain
Meda
Stevens

117.31	top Gr. Post	Deep 1/2
6.06	+	
123.87	HI	
3.19	120.18	T.P. on Gr. Wall
1.60	+	
121.78	HI	
2.76	118.02	Ely end boundary to base
5.99	115.79	On curb at Car Reg building
6.00	115.78	on Curb
2.73	119.05	T.P. on Gr. Wall
3.77	+	
122.82	HI	
6.52	116.30	N.W. 1/4 Cor. Gr. Post M.H.
2.63	120.19	T.P. on Wall
3.09	+	
123.28	HI	
5.97	117.31	Top of Gr. Post N.W. 1/4
		Cor. Pearl & High Sts.
5.27	118.01	No 41 D M.G. Survey
		Elev. = 117.29 their base
		Located at High & Ames St.

81.5 x	36 + 32 =	2771
5. x 2	2 =	10
10 x 2 1/2	=	10
56 x 5	=	280
38 x 17 + 18	=	765
24 x 4 1/2	=	72
26 x 7 1/2	=	91
18 x 3 1/2	=	27
8 x 3 1/2	=	8

$$\frac{4034}{9} = 448$$

Call 4/50 yds

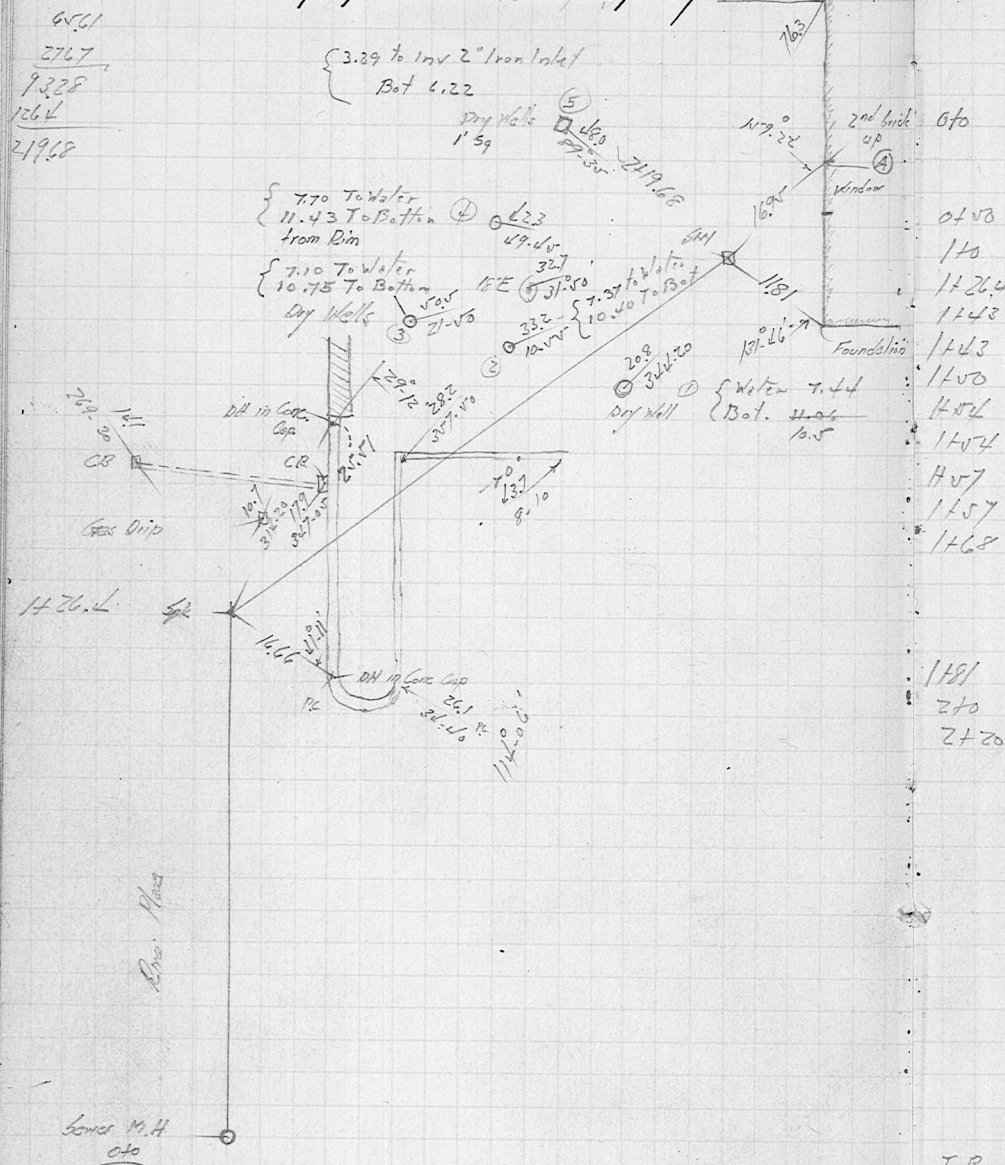
119.05				BM Cor. Coping at Reg. ent See p. 143
2.61				+
121.66				H.I.
5.37	116.29			Gr. Cor M.H. in Lawn See p. 143 116.30
7.22	116.44			Rim C.B.
5.66	116.00	116.350	C = 0.50	20' H ₁
3.66	118.00	116.2	C = 1.80	10' " out
3.25	118.44	116.8	C = 1.61	60' " "
3.97	117.69			79' Curb
6.16		115.5		5' long building adjusted
5.46		116.2		22.5' " "
4.86		116.8		37.5' " "
4.26		117.4		Cor. at 7' & Coping "
5.11	116.55	116.2	C. 0.35	45' H ₁ C.B.
4.09	117.57	116.8	C. 0.77	60' " "

722
663
59

121.66	121.66	121.66	121.66
116.5	116.2	116.8	117.4
6.16	5.46	4.86	4.26

116.55	117.07
116.2	116.8
3.5	0.77

Registry of Deeds
Data for proposed Sewer to Registry



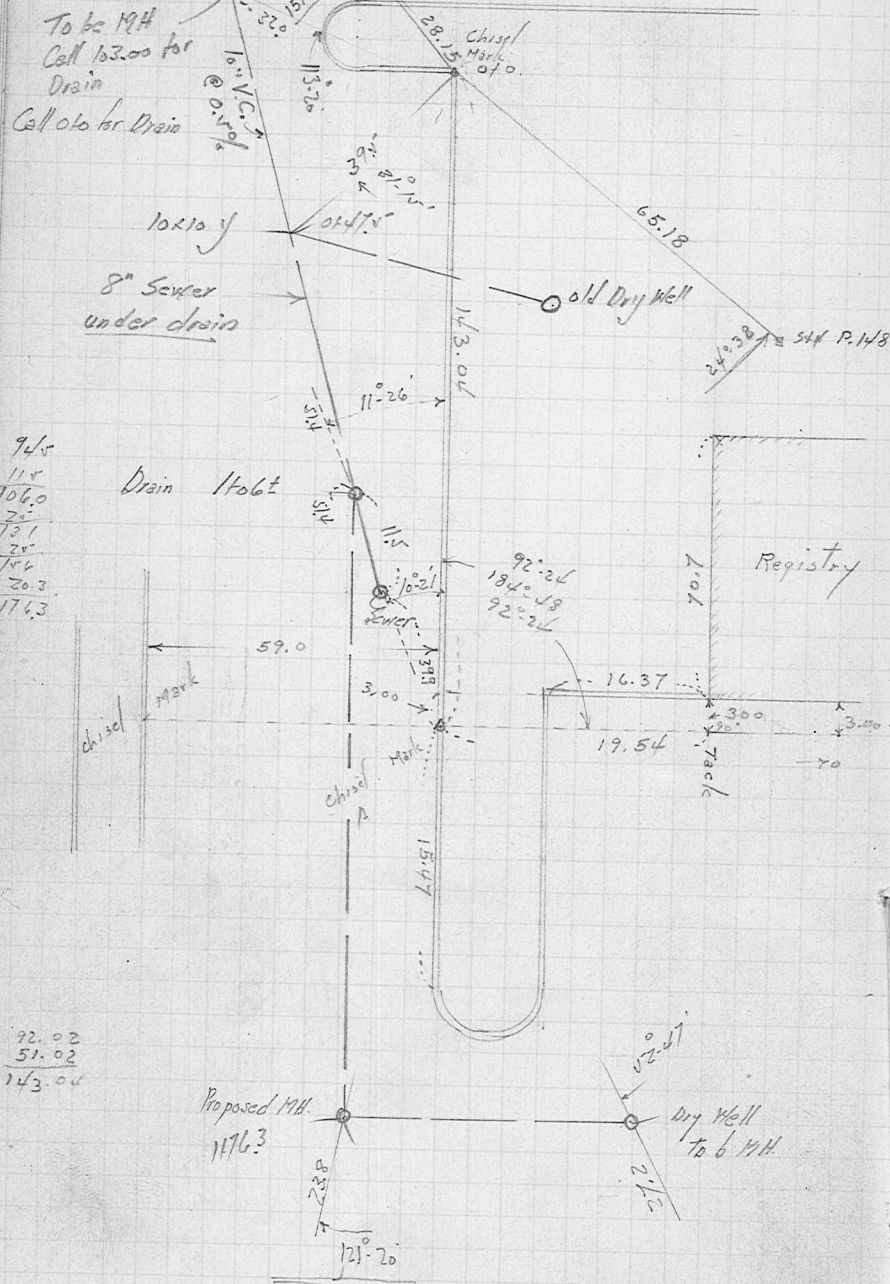
		149	
	6.69	106.99	Cut on Rim C.R. H.Ely Cor. Kelling Area
	113.68	✓	45
	6.17	107.51	E Curb at end Middle strip
	6.31	107.37	Nly. Part Rim M.H. Sewer
	6.51	107.17	Cut on Rim M.H. back District Co. ok
	✓ 9.90	107.78	At D.H. end of high Well
	6.8	106.9	In Trench
	7.0	106.7	"
	7.25	106.43	At M.H.
	7.6	106.1	Bot Ret. Well
	6.0	107.7	Top " "
	✓ 8.0	108.7	"
	4.2	109.5	Top Curb
	4.6	109.1	Bot "
	4.5	109.2	"
	4.0	109.7	Top Curb
	3.0	110.7	Foot Slope
	4.13	109.55	T.P. on inside Cor. Curb
	7.34	✓	+
	✓ 116.91	✓	HI
	2.1	114.8	Top Slope
	1.3	115.6	"
	1.3	115.6	"
	0.57	115.40	L.O.C. Window sill (A) P.W.S.
	1.65	115.26	Dry Well (D) Rim +
	1.58	115.33	" " (2)
	9.38	107.53	End Curb & Strip (107.51)
			✓ 3/14/50 Minah
4.75	✓ 119.65	✓	114.90 Markon Curb P. 152
	4.70	114.95	Rim Dry Well #3 (See P. 148)
	4.08	115.57	" " #4
	3.79	115.86	" " #5
	7.16	✓ 112.49	Areraway at Photostat Room (at Drain
6.44	121.34	4.75	114.90
	8.91	112.43	Areraway at Engrs. (at drain outlet
	3.32	118.02	(118.02) L.O.C. Top Step P. 142

150 Registry + Parking Area

Dedham
River Place 4 Dec. 1950

Registry Locations in Parking Area

151



Set on Chiseled	Max A 0° along Blg	
425	58.15	Curb
525	49.50	"
626	50.10	"
705	51.25	"
825	54.35	" At back Walk
46.7	64.55	E Dry Well (10.3 Deep, Down to Water 8.6)
27.2	52.45	" (9.5 Deep, Down to Water 7.7)
36.5	110.05	Curb P.C.
418	113.35	"
66.5	105.25	" at back walk
73.5	120.50	"
64.6	125.30	" P.C.
632	130.25	"
75.4	140.30	" Cor.
67.8	148.30	Curb
59.6	180.0	" 3' Line

Jan 26, 51
Checking Grades for Drain in Registry Parking Area.
106.99 Cut on Rim of C.B. H.E. Car Parking Area.

728	114.27	HI
1053	103.7	Top 10" U.C. at Proposed M.H. (102.85 Invert)
1094	103.33	End pipe as laid. (103.28 Grade)
2.98	111.29	Nail in batter to 5' Line (103.26 Grade)
184	112.43	" " to 9' Line (103.40 Grade)
1.79	112.48	" " to 9' " (103.48 Grade)
11.30	102.97	End Pipe (103.02 Grade)

106.99	Grade	Cut on Rim C.B. H.E. Car Parking Area
11.41		+
118.40		HI
6.04	112.36	103.53 C=8.83 M.H. Rim (8.89 to Invert) * (103.47)
5.12	113.28	103.66 C=9.62 spl up 2.38 to 12' Line
4.37	114.03	103.78 C=10.25 spl " 1.75 to 12' Line
3.76	114.64	103.88 C=10.76 spl at M.H. up 1.24 to 12' Line
2.95	115.45	105.15 Bat. Ely Rim Dry Well (9.70 to 6' Bat)
2.09	116.31	119. N.W. Cor. of Dry Well 116.30
		up 2.30 from Rim to 12' Line

2.22

121.27

2.81

117.71 ✓

3.25

6.37

→ Towards High St

0-23.5 1/2 TH River Place

75	50	25	0	25	50	75
9.4	10.2	10.8	11.3	11.1	10.9	10.8
1083 ✓	1075 ✓	1069 ✓	1064 ✓	1066 ✓	1068 ✓	1069 ✓

0-10.0 Gutter Line

75	50	25	0	3	25	50	75
9.5	10.4	11.0	11.4	11.77	11.5	11.2	11.1
1082 ✓	1073 ✓	1067 ✓	1061 ✓	105.94 ✓	106.2 ✓	106.5 ✓	106.6 ✓

0-9.9 On Wall

50	25	8	8	0	21	21	50
2.61	2.67	2.77	9.94	10.00	9.92	11.2	11.2
115.10 ✓	115.04 ✓	114.92 ✓	107.77 ✓	107.71 ✓	107.79 ✓	106.5 ✓	106.5 ✓

0-7.9

50	21	11	0	23	23	50
3.1	3.4	7.8	9.7	9.72	10.8	10.9
114.6 ✓	114.3 ✓	109.9 ✓	108.00 ✓	107.99 ✓	106.9 ✓	106.8 ✓

04.0

50	25	18	11	6	0	17.5	17.5	25	50	58	58
2.5	3.0	3.4	7.2	8.1	8.18	9.16	9.6	10.0	10.1	10.2	9.73
115.2 ✓	114.7 ✓	114.3 ✓	110.5 ✓	109.6 ✓	109.53 ✓	108.55 ✓	108.1 ✓	107.7 ✓	107.6 ✓	107.5 ✓	107.98 ✓

04.16

50	25	10	3	Top	0	25	50	58	58
2.3	2.4	3.2	7.2	7.57	8.01	8.7 ✓	9.3	9.5	9.11
115.4 ✓	115.3 ✓	114.5 ✓	110.5 ✓	110.14 ✓	109.7 ✓	109.0 ✓	108.4 ✓	108.2 ✓	108.6 ✓

04.25

50	25	14	9	3	Top	0	25	50	58	58
2.3	2.3	2.6	3.2	6.7	7.31	7.8	8.4	8.9	9.2	8.83
115.4 ✓	115.4 ✓	115.1 ✓	114.5 ✓	111.0 ✓	110.4 ✓	109.9 ✓	109.3 ✓	108.8 ✓	108.5 ✓	108.88 ✓

04.50

50	25	12	7	2	Top	0	10	25	50	58	58
2.1	2.1	2.3	2.8	5.7	6.34	6.8	7.1	7.4	7.9	8.2	7.83
115.6 ✓	115.6 ✓	115.4 ✓	114.9 ✓	112.0 ✓	111.37 ✓	110.9 ✓	110.6 ✓	110.3 ✓	109.8 ✓	109.5 ✓	109.88 ✓

4 Dec. 1950

R.O.C. Gran. Curbing P.142
 (118.02) L.O.C. Top Gran. Step to Boiler Room
 End. Conc. Curb at Angle

Checked by Condon

0469 Along Registry Hall

117.71 ✓
1

50	23	10	6
1.9	2.2	2.2	2.7
115.8 ✓	115.5 ✓	115.5 ✓	115.0 ✓

Corner
Building

Curb

1	0
5.1	5.57
1123 ✓	112.14 ✓

0475

Sill
23
1.23
116.48 ✓

23	10	6	2	0
2.2	2.2	2.8	5.2	5.40
115.12 ✓	115.5 ✓	114.9 ✓	112.5 ✓	112.31 ✓

Curb

Parking Area

0	10	25	50	59	59
5.8	6.2	6.5	7.1	7.5	6.99
111.9 ✓	111.5 ✓	111.2 ✓	110.6 ✓	110.2 ✓	110.72

Curb

0480(?) Lt 22.5 Window Sill

1.31 116.40 ✓

0498 " 22 " "

1.29 116.42 ✓

140

22	8	5	2	0
2.1	2.1	2.5	4.2	4.47
115.6 ✓	115.6 ✓	115.2 ✓	113.5 ✓	113.24 ✓

Curb

Parking Area

0	10	25	50	59	59
4.9	5.1	5.4	6.2	6.96	6.56
112.8 ✓	112.6 ✓	112.3 ✓	111.5 ✓	110.75 ✓	111.5 ✓

Rim C.B.

Curb

1413 Lt 21 Window Sill

1.31 116.40 ✓

T.P 6.24

121.14 ✓
1

2.81 114.90 ✓

(114.90)

1425

20.5	8	3	0
5.7	5.8	6.6	7.09
115.4 ✓	115.3 ✓	114.5 ✓	114.05 ✓

Parking Area

0	10	25	50	59	59
7.3	7.5	7.9	8.6	8.9	8.32
113.8 ✓	113.6 ✓	113.2 ✓	112.5 ✓	112.2 ✓	112.82 ✓

Curb

1429 Lt 20.5 Window Sill

4.73 116.41 ✓

1439

20	20
4.67	5.34
116.47 ✓	115.80 ✓

10	0
5.88	6.46
115.26 ✓	114.68 ✓

1439

50	25	10
4.4	5.4	6.4
116.7 ✓	115.7 ✓	114.7 ✓

Parking Area

4	0
6.6	6.46
114.5 ✓	114.93 ✓

Curb

1445 Lt 5 Rim C.B.

6.67 114.47

1450

50	25	10	3	3
4.4	5.5	6.1	6.5	5.96
116.7 ✓	115.6 ✓	115.0 ✓	114.6 ✓	115.18 ✓

Parking Area

Curb

0	10	25	50	59	59
6.11	6.6	6.8	7.1	7.5	7.20
115.03 ✓	114.5 ✓	114.3 ✓	114.0 ✓	113.6 ✓	113.94 ✓

Curb

Parking Area

Curb

Checked by Condon

1760 End Curb 5.86 11528 ✓
 1760.5 Parking Area 6.3 114.8 ✓

1775

Parking				Area						Curb
50	25	10	0	10	25	50	59.5	59.5		
4.5	5.3	5.7	6.0	6.2	6.5	7.0	6.9	6.45		
1166 ✓	1158 ✓	1154 ✓	1151 ✓	1149 ✓	1146 ✓	114.1 ✓	114.2 ✓	114.69 ✓		

3.69

116.51 ✓

2.09

119.05 ✓

(119.05) Gran Curb P. 142

8.32

112.82 ✓

9.55

106.96 ✓

(106.99) Cut on C.B. Rim P. 92

0780 ht 22.5

0.94

117.34 ✓

5.64

116.40 ✓

Window Sill P. 154

0798 ht 22

0.80

11654 ✓

11170 ✓

Conc. Floor Binding

0780 ht 22.5

0.88

11646 ✓

Inside Window Sill Binding

5.44

117.13 ✓

5.65

111.69 ✓

T.P. Floor

3.12 114.01 ✓ (11400)

Inside Window Sill at foot of stairs P. 146

Checked by Condon

160

112.97
3.48 11649
7.24 11273
7.35 11262
7.38 11259
7.33 11264
7.27 11270
6.34 11363
6.40 11357

76
72
76
80
90

127.0
113.20
104.45
93.45
83.10

HI
Top of Gr. at Photo Pt.
E Area Way @ Bindry
" " " " " "
" " " " " "
Rm. Jam
" " "
" " "
Top of Gr. at Bindry
Rt. outer Cor Window All Cor Window
P.N. 9

Chas River High Water 1938- 98.5
1883± 100.3

Registry

120.59
12.10
121.79
105.11
359.78