

635

NATIONAL
410
CROSS SECTION BOOK

FB 635

COUNTY OF NORFOLK
ENGINEERING DEPT.
649 HIGH STREET
DEDHAM, MA 02026

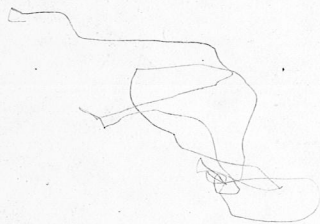
Property of NORFOLK COUNTY

ENG. DEPT.

Address HIGH ST.

DEDHAM MASS.

Telephone 781-461-6129



This Book is manufactured of a High Grade
50% Rag Paper having a Water Resisting Surface,
and is sewed with Nylon Waterproof Thread.

INDEX

[Handwritten mark]

inst.

Topo

Wthr & Temp

Date

Crs. /.

2. LEVEL RUN - Whitehall St

F.B. 635

SEE ENV. # 962 FOR
COMPLETED RUNS ETC.

STA OFF	DIST	+	HI	-	DIST	EL
PEG TEST						
	128'	3.49	103.49			106.00
	141'	2.51	103.78	2.22	118'	101.27
				3.78	102'	100.00
	167'	4.20				
	127'	4.25		5.91	157'	
	123'	4.06		6.16	123'	
	27'	5.03		6.19	115'	
	110'	3.39		6.16	26'	
	117'	9.68		10.03	117'	
	137'	6.93		3.04	110'	
	140'	6.15		3.68	151'	
	153'	5.09		3.20	137'	
		5.09		4.41	170'	
		48.78		48.78		

inst. ^{DEDHAM} ^{Topo} ^{Wthr & Temp} ^{Date} ^{Crs. 3.}
 Digital Rod cldy 75 7-16-07 GC
 TN

FOR TIES TO GPS POINTS SEE
 "TIES GPS #2" FIELDBOOK

DESCRIPTION

B.M. = TOP of Rod #3A @ WARE & Whitehall
 T.P. W.G.

T.P.

T.P.

B.M. = TOP of Rod #3B @ #79 Whitehall

B.M. = TOP of Rod #3C @ Inter Whitehall
 &

B.M. = TOP of Rod #3B

T.P.

B.M. = L.O.C. Bot Conc Step #28 #30 Whitehall

B.M. = TOP of Rod #3A

4 LEVEL RUN - ARDMORE ROAD

F.B. 635

[illegible]

DEDHAM

Unit
Digital

Tape
Rod

Wthr & Temp
500 80

Date
7-16-07

Cr
GC
JN

SFE ENV. 96Z

DESCRIPTION

B.M = TOP of ROD # 2A @ Ardmore & Sherman

BIM: L.O.C. Bot Brick step # 31 Ardmore

T.P. SMN

B.M. = TOP of ROD #2 B @ Ardmore & Trenton

T. P. SMH

T.P. Stone

B.M = TOP of Rod 2A

10 LEVEL RUN - NEEDHAM ST.

F.B. 635

STA & OFF	DIST	+	HI	-	DIST	EL.
	210'	1.27				
	71'	1.66		9.25	189'	
	81'	2.25		8.41	83'	
	139'	2.17		7.55	89'	
	106'	1.62		8.35	128'	
	43'	3.78		7.70	94'	
	81'	7.65		6.02	45'	
	82'	7.75		2.88	75'	
	93'	5.99		1.42	96'	
	105'	8.40		3.27	92'	
	90'	9.26		2.02	97'	
	133'	8.81		2.46	85'	
	59'	5.44		2.09	133'	
				4.63	67'	
		66.05		66.05		

inst digital
Tape rod
Wthr & Temp
Sun 80
Sun 74
Date
7-11-07
7-12-07
Crs. 11
GC
JV

SEE PINK 902

DESCRIPTIONS

BM = TOP of ROD # 4B @ NEEDHAM & Hillside Rd.

Bm = L.O.C. Bot Brick capped steps to #71 Needham St @ E & Wall

T.P.

T.P.

T.P.

T.P.

BM = TOP of ROD #4A @ NEEDHAM & Bridge

T.P.

Bm = R.O.C. Brick capped step @ Ek. Wlk #29 Needham

T.P.

T.P.

T.P.

T.P. S.B.

BM = TOP of ROD 4B

F.B. 635

[illegible]

DEDHAM				
inst.	Tape	Wthr & Temp	Date	Cro
digital	Rod	sun 75	7-12-07	6C JV

SPR ENV. 96Z

DESCRIPTION

BM = TOP of ROD #1 B @ High & Crowley Ave
T.P.

B.M.: TOP of Rod # 1A @ High HARVARD
T.P.

T. P.

B.M. = T.O.P of ROD # 1B

1B SCREW MISSING

14 LEVEL RUN - 1A TO 5A

F.B. 635

STA & OFF	DIST	+	H I	-	DIST	EL.
	169'	1.00				
	145'	4.99		5.11	168'	
	141'	8.11		2.90	150'	
	104'	7.07		1.02	132'	
	162'	6.52		3.46	99'	
	55'	4.69		4.79	151'	
	226'	5.29		4.04	45'	
	173'	6.40		3.54	251'	
	190'	2.80		2.46	196'	
	251'	3.68		6.75	180'	
	49'	4.47		5.43	236'	
	222'	4.12		4.53	53'	
	102'	2.36		7.23	197'	
	164'	0.99		8.13	109'	
	220	5.42		6.83	177	
				1.11	206	
SUM OF (+) SHOTS =		67.31	SUM OF (-) SHOTS =		67.33	

inst. ^{DEDHAM} Tape With & Temp Date ^{Cre 15}
 digital rod sun 79 7-12-07 GC
 " " " " 7-16-07 JY
 SEE ENV. 962 M.H. & J.V.
 7-19-07 MH & KN

DESCRIPTION
B.M. - TOP OF ROD # 1A @ HIGH & HARVARD
Cor 519 Ctl Box
T.P.
T.P.
T.P.
TP WG @ D.H.S.
B.M. - LOC Bot CNC step @ side ent to Dedham Hist Comm. church st.
T.P. TOP COR G. CURB CHURCH ST
B.M. - TOP OF ROD # 5A CHURCH COURT ST'S
T.P. TOP COR G. CURB CHURCH ST
B.M. - L.O.C. BOT CNC STEP @ SIDE ENT' DEDHAM HIST COMM.
T.P. WG W/D.H.S.
T.P. COR CNC CURB STONE
T.P. G. CURB STONE
T.P. G. CURB STONE
B.M. - TOP OF ROD # 1A @ HIGH & HARVARD ST.

16 G.P.S. LEVEL RUN
F.B. 635 DEDHAM
POINT 1-B TO POINT 3-C

F.S. +	H.I.	B.S. -	ELEV.	DIST'S
7.77				201/174
11.86		1.01		204/196
7.44		1.15		198/173
0.85		7.45		104/116
0.91		8.60		131/159
0.90		12.86		94/132
4.21		6.66		203/199
6.88		1.21		218/203
2.50		6.16		191/181
1.97		6.45		218/225
6.10		10.61		171/147
6.60		0.89		192/207
4.28		12.96		228/210
5.66		3.24		197/193
4.71		8.70		217/188
9.80		1.41		213/220
6.22		1.59		145/136
5.81		4.58		118/133
2.78		2.50		121/134
4.38		6.10		141/140
1.25		6.02		218/211
1.55		9.47		168/201
8.68		4.86		193/197
3.19		5.62		205/232
12.99		4.22		210/193
1.07		6.63		147/181
10.68		6.28		221/217

CONT'D NEXT PAGE

Inst. Tape Wthr & Temp Date Crs
SOKIA AUTO 80° SUNNY 7-17-07 MHE KN,
80° SUNNY 7-19-07 MH & KN
SEE ENV 962

DESCRIPTIONS
TOP G.P.S. ROD 1-B @ HIGH & CROWLEY STS
T.P. X-CUT SET W.G.
T.P. TOP COR GRAN CURB
B.M. SET L.O.C.L.C.S. @ \$ HSE #354 HIGH ST,
B.M. SET R.O.C.L.C.S. @ \$ HSE #340 HIGH ST,
T.P. TOP COR GRAN CURB
T.P. TOP SPYDL HYD @ MAVERICK ST.
T.P. S.W. COR GAS G. @ HSE #203 HIGH,
T.P. S.W. COR GAS G. @ HSE #138 HIGH
T.P. L.O.C. TOP CNC WALK @ #80 HIGH
T.P. TOP COR GRAN CRB @ INTERSECT'N
T.P. L.O.C. TOP CNC WALK @ #233 BUSSEY
B.M. SET LOCL SS @ \$ HSE #193 BUSSEY ST.
T.P. TOP COR GRAN CURB @ INTERSECT'N
T.P. X CUT RIM S.M.H.
T.P. COR CNC WALK @ #152 COLBURN
T.P. X CUT RIM SMH "
T.P. X CUT RIM SMH CORRECTION "
B.M. TOP ROD 3-C @ COLBURN & WHITEHALL
TP X CUT RIM SMH
TP X CUT RIM SMH
T.P. COR CNC WALK @ #152 COLBURN
T.P. X CUT RIM SMH
T.P. TOP COR GR. CURB @ INTERSECTION
B.M. CHK. LOCL SS @ \$ HSE #193 BUSSEY
TP LOC TOP CNC WALK @ #233 BUSSEY
TP TOP COR GR. CURB @ INTERSECTION

HIGH ST. — BUSSEY — COLBURN — BUSSEY

18 G.P.S. LEVEL RUN
 - DEDHAM -
 F.B. 635 POINT 1-B TO POINT 3-C
 CONT'D FROM LAST PAGE

F.S.(+)	H.I.	B.S.(-)	ELEV.	DIST'S
6.45		2.05		182/178
5.51		2.50		230/199
1.17		6.21		198/213
6.83		4.17		141/109
12.70		1.06		150/148
13.10		0.74		160/141
9.15		1.15		113/101
7.74		1.40		181/189
1.30		7.71		209/222
1.04		12.03		172/190
		7.80		

SUM OF (+)
 SHOTS =
193.33

SUM OF (-)
 SHOTS =
193.31

inst. Tape Wthr & Temp Date Cntr
 501 KIA AUTO 80° SUNNY 7-19-07 MH'KN
 " " 7-20-07 MH'KN

SEE ENV. 962

— DESCRIPTIONS —
TP LOC TOP CONC WALK @ 80 HIGH ST.
S.W. COR GAS GATE @ 138 HIGH ST
S.W. COR GAS GATE @ 203 HIGH ST
T.P. TOP SPYDL HYD @ MAVERICK ST
T.P. TOP COR GR. CURB
BM ROCLCS @ $\frac{1}{2}$ HOUSE # 340 HIGH ST.
BM ROCLCS @ $\frac{1}{2}$ HOUSE # 340 HIGH ST
BM LOCLCS @ $\frac{1}{2}$ HOUSE # 354 HIGH ST.
T.P. TOP GRAN CURB
T.P. X MARK RIM W. GATE
TOP G.P.S. ROD 1-B @ CROWLEY $\frac{1}{2}$ HIGH ST.

HIGH ST.

20 G.P.S. LEVEL RUN
F.B. 635 - DEDHAM -
POINT 4A TO POINT 5A

F.S. (+)	H.I.	B.S. (-)	ELEV.	DIST'S
7.20				180/184
4.27		2.76		186/198
5.20		8.53		202/190
3.48		5.01		206/200
5.36		6.00		185/200
5.14		4.47		151/148
4.13	4.14	6.66		135/155
2.85		2.89		278/288
7.00		3.49		266/258
4.83		5.63		257/251
4.34		3.55		218/225
4.72		3.66		131/112
		3.66		

NOTE: SEE PAGE 24-25
FOR NEW FORMAT

inst. Tape Wthr & Temp Date Crs
SOKKIA AUTO 80° SONNY 7-20-07 MH:KN
70° CLOUDY/RAIN 7-23-07 MH:KN

SEE ENV 962

DESCRIPTIONS
BM, TOP ROD 4A @ BRIDGE & NEEDHAM ST.
T.P. TOP COR GRAN CURB
T.P. TOP & GRAN HEADER
T.P. SPK SET U.P. NO. 12
T.P. X MARK SET RIM 5MH
T.P. R.O.C. CNC WALK #183 BRIDGE ST
B.M. SET ROCLCS #200 BRIDGE ST.
T.P. TOP & GRAN HEADER
T.P. R.O.C. CNC WALK #267 BRIDGE ST
T.P. TOP COR GRAN CURB
T.P. TOP COR GRAN RET WALL @ BOW ST.
T.P. S.E. COR CNC BASE SIGNAL CNTRL BOX
B.M. SET LOCLSS HSE #18 AMES ST

22

Inst

Tape

Wthr & Temp

Date

Crs

23

24
F.B. 635

B.P.S. LEVEL RUN
DEDHAM
POINT 4A TO TO POINT 5A

STA + OFF	DIST	F.S. +	H.I.Z	B.S. -	DIST	ELEV.
	174'	6.63				
	187'	4.04		2.20	189'	
	201'	4.94		8.31	195'	
	212'	3.29		4.74	192'	
	185'	5.11		5.81	201'	
	161'	4.81		4.21	200'	
	64'	4.33		3.81	139'	
	127'	4.02		4.99	67'	
	280'	2.70		5.87	140'	
	266'	6.80		2.75	286'	
	257'	4.46		3.28	258'	
	216'	4.34		5.27	251'	
	127'	4.60		3.57	232'	
	106'	4.25		3.54	109'	
	233'	5.34		3.12	117'	
	196'	1.94		5.96	228'	
	173'	6.52		7.34	212'	
	157'	8.12		1.78	168'	
	151'	3.70		1.81	147'	
	202'	2.03		7.67	154'	
	201'	10.45		2.63	198'	
	214'	5.73		1.68	203'	
	113'	6.37		3.58	217'	
	223	6.56		4.39	118'	
	181'	5.27		4.93	231'	
				5.76	164'	

inst. Tape Wthr & Temp Date Ccs 25
SOKKIA DIGITAL 65° CLOUDY/RAIN 7-23-07 M.H. KN.
80° SUNNY 7-24-07 M.H. KN.
SEE ENV 962

DESCRIPTION
B.M. TOP ROD 4A @ BRIDGE & NEEDHAM ST.
T.P. TOP COR GRAN CURB
T.P. TOP & GRAN HEADER
T.P. SPK SET U.P. #12
T.P. X-MARK SET RIM SMH
T.P. R.O.C. CONC WALK #183 BRIDGE ST
BM SET ROCKS #200 BRIDGE ST
T.P. TOP & GRAN HEADER
T.P. TOP & GRAN HEADER
T.P. R.O.C. CONC WALK #267 BRIDGE ST
T.P. TOP COR GRAN CURB
T.P. TOP COR GRAN RET WALL @ BOW AVE
T.P. SE. COR CONC BASE SIGNAL CONT. BOX
B.M. SET L.O.C.L.S.S. HSE #18 AMES ST.
T.P. SPK SET IN U.P. #3
T.P. S.W. COR GAS GATE
T.P. X-MARK SET RIM D.M.H.
T.P. X-MARK SET MIM D.M.H.
T.P. SPK SET U.P. #19
B.M. SET R.R. SPK FND. U.P. #22
T.P. FRONT COR END CONC WALK
T.P. SPK SET U.P. #30
T.P. SPK SET U.P. #35
BM. U.S.G.S. DISK NO. 61-D
T.P. TOP COR GRAN CURB
B.M. TOP ROD 5A @ COURT & CHURCH ST.

BRIDGE ST.

AMES ST.

COURT ST.

26

G.P.S. LEVEL RUN

F.B. 635

DEDHAM

POINT 5A TO POINT 4A

STA + OFF	DIST	FS +	H.I.	B.S. -	DIST	ELEV
	165	5.90				
	231	5.18		5.42	177	
	119	4.52		6.76	224	
	217	3.45		6.50	113	
	202	1.27		5.60	214	
	197	2.49		10.03	203	
	156	8.17		1.89	203	
	147	1.84		4.20	150	
	169	1.79		8.15	157	
	212	7.35		6.52	174	
	228	5.97		1.95	196	
	118	2.93		5.41	232	
	100	3.49		4.06	106	
	225	3.99		4.55	139	
	252	5.12		4.77	225	
	258	3.16		4.31	256	
	287	2.53		6.67	266	
	134	5.77		2.48	279	
	64	4.94		3.92	133	
	145	3.97		4.29	67	
	202	4.35		4.97	156	
	208	5.74		5.24	185	
	188	4.77		3.22	215	
	194	8.34		4.97	209	
	184	2.44		4.07	188	
				6.88	181	

inst.

Tape

Wthr & Temp

Date

Case 7

SOKKIA DIGITAL 80' SUNNY 7-24-07 MH&KN
 * SOKKIA DIGITAL 85' SUNNY 7-25-07 KN/JN
 SEE ENV 962 85' SUNNY 7-31-07 MH&KN

DESCRIPTION
B.M. TOP ROD 5A @ COURT & CHURCH ST
T.P. TOP COR GRAN CURB.
B.M. U.S.G.S. DISK NO. 61-D
T.P. SPK SET U.P. #35*
T.P. SPK SET U.P. #30
T.P. FRONT COR. END CONC. WALK
BM SET R.R. SPK END U.P. #22
T.P. SPK SET U.P. #19
T.P. X-MARK SET RIM D.M.H.
T.P. X-MARK SET RIM D.M.H.
T.P. S.W. COR GAS GATE
T.P. SPK SET IN U.P. #3
B.M. SET L.O.C. L.S.S. HSE #18 AMES ST.
T.P. S.E. COR. CNC BASE SIGNAL CONT. BOX*
T.P. TOP COR GRAN RET WALL @ BOW AVE
T.P. TOP COR GRAN CURB
T.P. R.O.C. CNC WALK #267 BRIDGE ST
T.P. TOP & GRAN HEADER
T.P. TOP & GRAN HEADER
B.M. R.O.C. L.C.S. #200 BRIDGE ST.
T.P. R.O.C. CNC WALK #183 BRIDGE ST.
T.P. X-MARK RIM S.M.H.
T.P. SPIKE SET UP #12
T.P. & GRAN. HEADER
T.P. TOP COR GRAN CURB
B.M. TOP ROD #4A @ BRIDGE & NEEDHAM ST.

COURT AMES ST BRIDGE ST

28 G.P.S. LEVEL RUN

F.B. 635 — DEDHAM —

NOTE: SEE PG'S 24-27

POINT 4A TO 5A

SUM OF F.S. SUM OF B.S.
= 126.29 = 108.94

POINT 5A TO 4A

SUM OF F.S. SUM OF B.S.
= 109.47 = 126.83

TOTAL 235.76 ✓ TOTAL 235.77 ✓

Inst	Tape	Wthr & Temp	Date	Clerk
SOLKIA AUTO		85° SUNNY	7-31-07	MH & KN

30

G.P.S. LEVEL RUN

F.B. 635

DEDHAM

POINT #6A TO POINT 2B

STA + OFF	DIST.	B.S.	H.I.	F.S.	DIST.	ELEV.
	252'	5.78				
	272'	7.32		2.99	242'	
	255'	2.80		7.81	258'	
	261'	4.13		4.95	276'	
	222'	5.39		3.35	248'	
	121'	7.37		3.22	244'	
	74'	11.28		1.03	119'	
	83'	10.28		1.06	51'	
	82'	14.66		0.92	78'	
72	57'	0.75	13.10	0.75	13.10	72' 57'
	83'	13.60		1.59	56'	
	68'	12.49		2.16	55'	
	76'	9.50		0.70	48'	
	53'	10.49		4.91	93'	

NOTE CONTINUED PAGE 34

Inst.

Tape

Wthr & Temp

Date

Cue 31

SOKKIA DIGITAL 80° SUNNY 8-6-07 MUKNE JV

SEE ENV 962

DESCRIPTION
B.M. TOP ROD #6A TRENTON, ARDMORE
T.P. SPK SET BOT U.P. #
T.P. SPK SET BOT U.P. #14
T.P. SPK SET BOT U.P. #18
T.P. SPK SET BOT U.P. #22
T.P. X-MARK SET S.M.H.
T.P. SPK SET IN WALK WAY
T.P. SPK SET IN ROADWAY
T.P. SPK SET BOT U.P. #6
T.P. SPK SET BOT U.P. #7
T.P. SPK SET BOT U.P. #18
T.P. SPK SET BOT U.P. #19
T.P. SPK SET BOT U.P. #20
T.P. SPK SET IN ROADWAY
T.P.

TRENTON BOWMAN

COLWELL

32 Norfolk-City Mills Pond

JOB: 10212008 $\Rightarrow$ Allegro 703 DS

(4.96)

(5.44)

JM

1 @ #1 0° SET @ #2. ALL $\frac{1}{2}$'s RT TO:

BS BEARING $\Rightarrow$ N 90° 00' 00" E

$\frac{1}{2}$	VD	DIST	DESC.
1) 96-37-54	- 8.62	501.837	Depth
2) 88-00-00	- 8.12	575.68	"
3) 83-08-32	- 7.65	664.17	"
4) 78-45-06	- 7.30	598.10	"
5) 73-04-23	- 7.13	534.76	"
6) 80-34-37	- 7.93	493.84	"
7) 99-06-59	- 7.64	450.28	"
8) 106-24-44	- 7.88	334.20	"
9) 85-32-47	- 7.56	340.50	"
10) 64-15-14	- 8.02	400.01	"
11) 53-17-16	- 7.36	404.43	"
12) 69-18-17	- 7.68	328.06	"
13) 93-58-37	- 7.78	283.89	"
14) 111-19-40	- 8.16	180.86	"
15) 60-21-24	- 8.23	207.36	"
16) 45-52-52	- 5.99	316.15	"
17) 35-02-53	- 5.94	330.34	"
18) 47-18-47	- 8.02	174.45	"
19) 85-27-40	- 8.18	94.82	"
20) 00-00-02	+ 1.106	226.28	BS CHECK

inst Tape Wthr & Temp Date Cn 33
Leica 803 SUNNY, Clear 10/21/2008 F.B. 635
58°

VD = + 1.106 (1 $\rightarrow$ 2)

Measure Down to Water level
From Top of Dam
4.35

H.R.

8.0
6.0
8.0
8.0
10.0
9.0
9.0
11
12.0
10.0
7.0
10.0
12.0
11
11
9.0
11.0
11
5.44

34

G.P.S. LEVEL RUN

F.B. 635

DEDHAM

POINT #2B TO POINT #6A

STA OFF	DIST.	B.S.	H.I.	F.S.	DIST.	ELEV.
	252'	5.78				
	272'	7.32		2.99	242'	
	255'	2.80		7.81	258'	
	261'	4.13		4.95	276'	
	222'	5.39		3.35	248'	
	121'	7.37		3.22	244'	
	74'	11.28		1.03	119'	
	83'	10.28		1.06	51'	
	68'	10.78		0.92	78'	
	84'	11.96		1.42	66'	
	77'	11.05		1.13	71'	
	53'	10.96		3.47	51'	
	61'	13.09		1.87	49'	
	138'	10.49		1.30	38'	
	148'	1.08		7.61	154'	
	228'	8.85		11.89	172'	
	170'	5.82		2.91	243'	
	158'	2.66		3.05	155'	
	237'	2.49		5.43	168	
	166'	12.75		8.42	235'	
	144'	7.46		1.94	147'	
	56'	1.18		10.35	123'	
	48'	1.09		12.97	69'	
	52'	2.55		10.19	46'	
	70'	0.92		10.14	63'	
	67'	1.25		11.75	84'	
	90'	2.75		10.61	63'	
	56	1.36		12.11	97	

CONTINUE NEXT PAGE

Inst

Tape

Wind & Temp

Date

Crs

35

SOKKIA AUTO

80° SUNNY 8-6-07 M.H.KN. JV

90° SUNNY 8-7-07 M.H. & KN

SEE ENN 962

DESCRIPTION
B.M. TOP ROD #2B TRENTON & ARDMORE
T.P. SPK SET BOT U.P. #15
T.P. SPK SET BOT U.P. #14
T.P. SPK SET BOT U.P. #18
T.P. SPK SET BOT U.P. #22
T.P. X-MARK SET RIM S.M.H.
T.P. SPK SET IN WALKWAY
T.P. SPK SET IN ROADWAY
T.P. SPK SET BOT U.P. #16
B.M. L.O.C.L.B.S. #70 COLWELL
B.M. L.O.C.L.S.S. #60 COLWELL
T.P. X MARK SET RIM C.B.
T.P. SPK SET BOT U.P. #19
T.P. SPK SET BOT U.P. #20
T.P. X-MARK SET RIM W.G.
T.P. X-MARK SET RIM S.M.H.
T.P. SPK SET BOT U.P. #14
B.M. TOP ROD #6A LEDGEWOOD & GREEN LODGE
T.P. SPK SET BOT U.P. #14
T.P. X-MARK RIM S.M.H.
T.P. X-MARK RIM W.G.
T.P. SPK U.P. #20
T.P. SPK U.P. #19
T.P. X MARK RIM C.B.
B.M. LOCLSS #60 COLWELL
B.M. LOCLBS #70 COLWELL
T.P. SPK U.P. #16
T.P. SPK IN ROADWAY

TRENTON & BUNHAM

COLWELL

GREEN LODGE

COLWELL

36

G.P.S. LEVEL RUN.

F.B. 635

DEDHAM
POINT #2B TO POINT #6A

STA+OFF	DIST.	B.S.	H.I.	F.S.	DIST.	ELEV
	129'	1.41		11.37	71'	
	242'	3.15		7.75	141'	
	248'	3.41		5.32	224'	
	278'	4.88		4.19	249'	
	252'	7.78		2.74	255'	
	235'	2.84		7.29	274'	
				5.63	253'	

SUM OF B.S. = 198.36 / SUM OF F.S. = 198.38 ✓

Inst

Tape

Wthr & Temp

Date

Crs 37

SOKKIA AUTO

90° SUNNY

8-7-07

MH & KN

80° " "

8-8-07 M.H., K.N., J.V.

SEE ENV 962

DESCRIPTION
T.P. SPK. IN WALK WAY
T.P. X-MARK RIM S.M.H.
T.P. SPK U.P. #22
T.P. SPK U.P. #18
T.P. SPK U.P. #14
T.P. SPK U.P. #15
B.M. TOP ROD #2B TRENTON & ARDMORE

BOHAM TRENTON

38

inst

Tape

Wthr & Temp

Date

Cue 39

40 G.P.S. LEVEL RUN
F.B. 635 — DEDHAM —
POINT #6-A TO POINT #1-A

STA+OFF	DIST.	B.S.	H.I.	F.S.	DIST	ELEV.
	95'	10.30				
	132'	12.49		0.87	99'	
	218'	3.22		0.90	151'	
	252'	7.42		5.61	223'	
	154'	0.77		5.54	250'	
	107'	0.95		13.23	157'	
	113'	0.94		13.56	131'	
	175'	11.18		3.51	142'	
	124'	1.37		5.94	185'	
	270'	6.54		5.58	111'	
	238'	6.62		1.80	242'	
	190'	6.39		3.42	220'	
	121'	2.92		2.18	165'	
	180'	9.54		1.43	117'	
	208'	7.31		1.05	155'	
	72'	4.80		1.71	217'	
	134'	6.06		3.43	79'	
	110'	1.73		9.10	144'	
	138'	2.36		10.43	131'	
	128'	1.95		8.78	140'	
	118'	2.39		4.83	94'	
	222'	6.08		6.89	150'	
	225'	4.04		5.96	231'	
	182'	4.72		4.19	183'	
	223'	2.60		5.80	232'	
	160'	1.69		12.25	227'	
	240'	3.79		9.59	195'	
	138'	4.01		1.15	231'	

CONTINUED NEXT PAGE

inst Tape Wthr & Temp Date Cra 41
SOKKA AUTO 80° SUNNY 8-8-07 MH, KN, JV
" " " 8-9-07 MH, KN
" " 70° RAINY 8-10-07 MH KN
SEE ENY 962

DESCRIPTION
B.M. TOP ROD 6-A LEDGEWOOD & GREEN LODGE
T.P. X-MARK SET RIM S.M.H.
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN SIDEWALK
T.P. SPK SET IN SIDEWALK
T.P. SPK SET IN SIDEWALK
T.P. END & BRK WALK @ #440 CEDAR ST
T.P. SPK SET IN WALKWAY @ TRAIN STA.
T.P. TOP COR TIMBER WALL @ 104 ELMWOOD
T.P. SPK SET IN ROADWAY
T.P. X-MARK SET RIM W.G.
B.M. L.O.C.L.S.S. #10 ELMWOOD
T.P. SPK SET BOT U.P. #
T.P. LOC CNC WALK #153 MUNROE
T.P. LOC CNC WALK #316 MT VERNON
B.M. DISC #11/1A IN S.B. @ #307 MT VERNON
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
B.M. LOC LBS #72 BLVD. RD.
T.P. TOP COR GRAN. CORB
T.P. SPK SET BOT U.P. #84
BM #7404 RIVET FND IN Stone Wall
T.P. SPK FND BOT U.P. #76
T.P. X-MARK SET S.M.H.
T.P. SPK SET BOT U.P. #68
T.P. SPK SET IN ROADWAY

GREEN LODGE SPRAGUE ELMWOOD MUNROE BLVD. RD. -- EAST ST.

42
F.B. 635

G.P.S. LEVEL RUN
— DEDHAM —
POINT #6-A TO POINT #1-A

STA+OFF	DIST	B.S.	H.I.	F.S.	DIST	ELEV
	158	0.86		12.08	112	
	182	4.07		6.20	163	
	83'	6.80		5.75	141	
	232	2.38		4.93	74	
	203	11.36		3.11	262	
	266	8.05		2.68	151	
	194	4.28		3.64	277	
	144	3.67		13.65	173	
				3.41	122	

SUM OF B.S.(+) = 175.65
SUM OF F.S.(-) = 204.18

inst. Tape Wthr & Temp Date Cms 4/3
SOKKIA Auto 80° CLOUDY 8-1307 MH¹/KN
SEE ENV 962

DESCRIPTION
T.P. X MARK SET S.M.H. RIM
T.P. TOP COR GRAN CURB
T.P. X-MARK SET RIM SMH
BM #7403 RIVET FND NW COR HEADWALL
T.P. SPK SET BOT L.I.P. #9
T.P. SPK SET IN PKG. LOT
T.P. STK SET IN BALL FIELD
T.P. SPK SET IN STEPMWAY
B.M. TOP ROD POINT #1A @ HIGH ¹ HAZVARD

EASTERN AV
X-ENTRY

44

G.P.S. LEVEL RUN

F.B. 635

— DEDHAM —

POINT 1-A TO POINT 6-A

STA. & OFF	DIST	B.S.	H.I.	F.S.	DIST	ELEV.
	118'	3.79				
	178'	13.79		4.05	124'	
	278'	3.27		4.41	200'	
	154	3.10		7.68	285'	
	255	3.22		11.79	198	
	75'	4.89		2.48	234	
	200'	5.03		6.77	70'	
	164	6.16		3.34	180'	
	107'	11.69		0.83	157'	
	240'	1.06		3.62	129'	
	196'	9.16		3.71	230'	
	232'	12.85		1.27	172'	
	222'	5.40		3.20	221'	
	168	3.89		4.33	221'	
	241'	6.14		3.74	196'	
	139'	7.00		6.27	241'	
	100'	5.40		2.50	125'	
	138'	9.05		2.52	122'	
	125'	10.29		2.62	129'	
	124'	9.41		1.59	108'	
	80'	3.22		6.37	128'	
	195'	2.04		4.58	72'	
	152'	1.57		7.64	202'	
	120'	1.45		10.06	177'	
	150'	2.23		2.94	126'	
	205'	2.77		5.90	147'	
	229	2.01		6.50	224	
	120'	7.57		6.74	251	
	200'	7.13		3.37	104	

CONT'D NEXT PAGE

met. Tape Wdr & Temp Date Cns 45
 SOKKIA AUTO 86° SUNNY 8-15-07 M.H. & K.N.
 70° SUNNY 8-20-07 M.H. & K.N.

SEE ENV 962

DESCRIPTION
B.M. TOP ROD POINT #1A HIGH & HARVARD
T.P. SPK SET IN STEPWAY
T.P. STK SET IN BALL FIELD
T.P. SPK SET IN PKB. LOT
T.P. SPK IN U.P. #9
B.M. #7403 RIVET IN HEAD WALL
T.P. X-MARK S.M.H.
T.P. TOP COR GRAN CURB
T.P. X-MARK S.M.H.
T.P. SPK SET IN ROADWAY
T.P. SPK IN U.P. #68
T.P. X-MARK S.M.H.
T.P. SPK BOT U.P. #76
B.M. #7403 RIVET IN STN WALL
T.P. SPK IN U.P. #84
T.P. TOP COR GRAN CURB
B.M. LOC LBS HSE #72 BLVD. RD.
T.P. SPK IN ROADWAY
T.P. SPK IN ROADWAY
T.P. SPK IN ROADWAY
B.M. DISK #61/LA IN S.B. @ 307 MT VERNON
T.P. LOC CNC WALK #316 MT VERNON
T.P. LOC CNC WALK #153 MUNROE
T.P. SPK IN U.P. #20
B.M. L.O.C.L.S.S. #10 ELMWOOD
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. TOP COR TIMBER WALL
T.P. SPK SET IN WALKWAY

X-COUNTY, EASTERN A.V. - EAST ST - B.V.D. RD. - MUNROE - ELMWOOD

46
F.B. 635

G.P.S. LEVEL RUN
— DEDHAM —
POINT 1-A TO POINT 6A

STA/OFF	DIST	B.S.	H.I.	F.S.	DIST	ELEV.
	144'	3.45		12.38	178'	
	137'	13.30		0.88	125'	
	157'	13.08		0.69	105'	
	247'	6.70		0.61	151'	
	222'	5.64		8.58	265	
	162'	1.65		3.25	220	
	100'	1.01		13.24	141	
				10.44	96'	
SHOTS RETAKEN 8-21-07						
DUE TO LOW F.S. (-)						
	139'	13.55				
	158'	13.30		0.94	101'	
				0.84	150'	

SUM OF B.S.(+) = 209.41
(FROM Pg 42)
SUM OF B.S.(+) = 175.65
TOTAL = 385.06 ✓

SUM OF F.S.(-) = 180.89
(FROM Pg 42)
SUM OF F.S.(-) = 204.18
TOTAL = 385.07 ✓

inst Tape Wthr & Temp Date Crs
SOKKIA AUTO 70° SUNNY 8-21-07 MH EKN

SEE ENV 962

DESCRIPTION
END @ BRK WALK @ 440 CEDAR ST.
T.P. SPK IN SIDE WALK
T.P. SPK IN SIDE WALK
T.P. SPK IN SIDE WALK
T.P. SPK IN ROADWAY
T.P. SPK IN ROADWAY
T.P. X-MARK S. M. H. RIM
B.M. TOP ROD #6-A @ LEDGENOOD & GREEN LODGE
T.P. SPK IN SIDE WALK
T.P. SPK IN SIDEWALK
T.P. SPK IN SIDEWALK

SPRAGUE - GREEN LODGE

NOTE SEE Pg 68

48

inst.

Tape

Wthr & Temp

Date

Crs 49

50

G.P.S. LEVEL RUN

- DEDHAM -

F.B. 635

PT #1-B TO DISK #61-E
HIGH ST.

STA+OFF	DIST.	B.S.	H.I.	F.S.	DIST.	ELEV.
	206'	8.29				
	215'	11.83		1.90	172'	
	121'	7.48		1.31	204'	
	73'	4.01		4.27	134'	
	95'	1.48		6.68	78'	
	151'	1.24		9.23	122'	
	138'	1.04		12.23	152'	
	165'	10.55		10.37	162'	
	150'	12.23		1.21	134'	
	115'	8.76		1.26	155'	
	76'	7.45		1.01	112'	
	125'	4.44		4.78	77'	
	208'	1.72		7.66	125'	
	178'	1.77		12.24	224'	
				8.15	187'	

SUM OF B.S. (+) SUM OF F.S. (-)
= 82.29 ✓ = 82.30 ✓

Inst.

Tape

Wthr & Temp

Date

Coc. 57

SOKKIA AUTO

76° CLDY

8-22-07 M.H. K.N. J.V.

SEE ENV 962

DESCRIPTION
B.M. TOP G.P.S. ROD 1-B @ HIGH E CROWLEY
T.P. TOP COR GRAN CURB
T.P. TOP COR GRAN CURB
B.M. DISK #61-E @ HIGH E MT VERNON
T.P. LOC L C S @ $\frac{1}{2}$ HSE #354 HIGH ST.
T.P. ROCL C S @ $\frac{1}{2}$ HSE #340 HIGH ST.
T.P. TOP COR GRAN CURB
B.M. DISK #61-F @ HIGH ST E MAVERICK
T.P. TOP COR GRAN CURB
T.P. ROCL C S @ $\frac{1}{2}$ HSE #340 HIGH ST.
T.P. LOC L C S @ $\frac{1}{2}$ HSE #354 HIGH ST.
B.M. DISK #61-E @ HIGH E MT VERNON
T.P. TOP COR GRAN CURB
T.P. TOP COR GRAN CURB
B.M. TOP G.P.S. ROD #1-B @ HIGH E CROWLEY

52

F.B. 635

G.P.S. PEG TEST
DEDHAM

CEMETERY

STA. OFF	DIST	B.S.	H.I.	F.S.	DIST.	ELEV
— OLD ROD —						
141'	4.85	104.85				100.00
221'	4.50	104.48	4.87	146'		99.98
			4.48	67'		100.00
— NEW ROD —						
141'	4.85	104.85				100.00
221'	4.50	104.48	4.87	146'		99.98
			4.48	67'		100.00

Inst

Tape

Wthr & Temp

Date

Crs 53

SOKKIA AUTO

75° CLDY

8-23-07 M/H, K/M, J/V,

DESCRIPTION

SPK A SET
 SPK B SET
 SPK A SET

SPK A SET
 SPK B SET
 SPK A SET

54 G.P.S. LEVEL RUN
F.B. 635 - DEDHAM -
PT #5-A TO DISK #10924A
HIGH STREET

STA+OFF	DIST	B.S.	I.I.	F.S.	DIST	ELEV.
	165'	5.87				
	238'	5.14		5.30	169'	
	260'	6.70		6.72	232'	
	251'	5.12		2.68	260'	
	253'	5.47		2.68	254'	
	258'	5.35		2.48	258'	
	235'	4.77		5.54	282'	
	102'	6.58		2.60	244'	
	260'	2.66		4.28	105'	
	261'	7.23		4.96	245'	
	194'	4.85		5.86	272'	
	278'	7.08		2.08	221'	
	100'	4.13		8.00	283'	
	207'	7.82		6.67	88'	
	248'	10.24		0.63	195'	
	155'	6.71		3.87	267'	
	118'	11.84		1.09	184'	
	128'	14.32		1.43	94'	
	164'	13.13		1.18	107'	
	195'	12.19		0.78	137'	
	204'	10.79		1.06	181'	
	117'	8.48		1.07	195'	
	105'	8.79		3.14	121'	
				1.36	120'	
SUM OF B.S.(+)		SUM OF F.S.(-)				
		= 175.26		= 75.46		

inst. Tape Wthr & Temp Date Cn 53
SOKKIA AUTO 80° SUNNY 8-23-07 MH KN JV
8-24-07 MH+KN
SEC ENV 962

DESCRIPTION
B.M. TOP ROD #5-A @ COURT & CHURCH ST.
T.P. TOP COR GRAN CURB
B.M. USGS DISK #61-D @ HIGH & AMES ST.
T.P. SPK SET BOT U.P. #63
T.P. SPK SET BOT U.P. #68
T.P. & STN STEP @ #774 HIGH ST
T.P. SPK SET IN TREE STUMP
T.P. N.W. COR CMC, WALK
B.M. U.S.G.S. DISK #61-B @ HIGH & COMMON
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN U.P. #95
B.M. NCED DISK #10 @ #1025 HIGH ST.
B.M. U.S.G.S. DISK #61A @ #1041 HIGH ST
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. X-MARK SET IN S.M.H.
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. TOP COR GRAN CURB
T.P. TOP COR GRAN CURB
T.P. TOP & GRAN HEADER
B.M. USGS DISK #10924A @ RTE 109 & RTE 128

56
F.B. 635

G. P. S. LEVEL RUN
— DEDHAM —
DISK #10924A TO PT. #5-A
HIGH ST.

STA+OFF	DIST	B.S.	H.I.	F.S.	DIST	ELEV.
	125'	1.59				
	100'	3.06		9.02	109'	
	190'	1.26		8.39	112'	
	194'	1.84		10.99	214'	
	139'	0.98		12.97	222'	
	107'	1.37		13.33	161'	
	94'	1.14		14.52	142'	
	178'	1.08		11.56	122'	
	260	3.72		6.71	161'	
	184'	1.01		10.10	255'	
	83'	6.57		8.20	212'	
	285'	9.06		4.03	102'	
	207'	2.06		8.62	278'	
	275'	6.12		4.34	201'	
	245'	5.19		7.50	262'	
	100'	4.09		2.89	260'	
	249'	3.34		6.39	97'	
	272'	4.87		5.51	241'	
	259'	2.52		4.68	266'	
	203'	2.46		5.52	253'	
	61'	4.28		4.37	182'	
	270'	2.72		4.80	81'	
	221'	6.02		6.73	251'	
	182'	4.82		4.36	243'	

SUM OF B.S. (+)

= 175.26

" " " + 81.17

256.43

SUM OF F.S. (-)

= 75.46

+ 180.92

256.38

Inst Tape Wthr & Temp Date Cms
NIKON A-20 80° SUNNY 8-24-07 MH+KN
85° SUNNY 8-27-07 MH+KN
70° SUNNY 8-28-07 MH+KN
SEE ENV 962

DESCRIPTION
B.M. U.S.G.S. DISK #10924A @ RTE 109, RTE 128
T.P. TOP & GRAN HEADER
T.P. TOP COR GRAN CURB
T.P. TOP COR BAN CURB
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. X-MARK SET IN S.M.H
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
B.M. U.S.G.S. DISK #61-A @ #1041 HIGH ST
B.M. N.C.E.D. DISK #10 @ #1025 HIGH ST
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
B.M. U.S.G.S. DISK #61-B @ HIGH & COMMON
T.P. N.W. COR CONC WALIC
T.P. SPK SET IN TREE STUMP
T.P. & STN STEP @ 774 HIGH ST.
T.P. SPK SET BOT U.P. #68
T.P. SPK SET BOT U.P. #64
B.M. U.S.G.S. DISK #61-D @ SPK UP #63
T.P. TOP COR GRAN CURB USGS DISK #61-D
B.M. TOP ROD #5-A @ TOP GRAN CURB
B.M. TOP ROD #5A

58

Inst.

Tape

Wthr & Temp.

Date

Oct 5-9

60
F.B. 635

G.P.S. PEG TESTS DEDHAM

CEMETERY

STA & OFF	DIST	B.S.	H.I.	F.S.	DIST	ELEV.
	142'	4.79	104.79			100.00
	236'	4.75	104.73	4.81	146'	99.98
				4.72	61'	100.01

SHERMAN ST

STA & OFF	DIST	B.S.	H.I.	F.S.	DIST	ELEV
	208'	7.10	102.10			100.00
	221	2.06	106.74	2.42	180'	104.68
				6.73	164	100.01

SHERMAN ST

STA & OFF	DIST	BS	HI	FS	DIST	ELEV
	91'	5.50	105.50	2.94		100.00
	80'	3.55	106.11	2.94	109'	102.56
	72'	5.33	105.32	6.12	120'	99.99
	76	3.60	106.15	2.77	127'	102.55
				6.16	124'	99.99

inst. Tape Wthr & Temp Date Cntrl
SOKKIA AUTO 70° SUNNY 8-28-07 MH EK

DESCRIPTION

SPK "A"
SPK "B"
SPK "A"

8-28-07 MH EK

DESCRIPTION

TOP ROD #2-A
X-MARK SMH
TOP ROD #2-A

8-29-07 MH EK

RIM SMH
XCUT SMH
RIM SMH
XCUT SMH
RIM SMH

62

G.P.S. LEVEL RUN

F.B. 635

DEDHAM
PT 2-A TO N.C.E.D. SPIK #11

STA OFF	DIST	B.S.	H.I.	F.S.	DIST	ELEV.
	193'	7.14				
	108'	5.80		2.47	192'	
	104'	5.72		4.07	126'	
	61'	11.32		2.43	108'	
	66'	12.13		1.44	47'	
	62'	10.99		1.39	55'	
	65'	11.60		1.55	49'	
	70'	11.21		2.02	54'	
	112'	11.94		2.04	58'	
	182'	8.46		1.50	103'	
	80'	3.56		6.97	183'	
	78'	6.14		5.86	68'	
	185'	6.85		3.85	74'	
	107	1.29		8.34	180'	
	59'	2.01		11.73	110	
	54'	2.17		11.18	70'	
	51'	1.93		11.76	68'	
	52'	1.39		11.38	62'	
	49'	1.84		12.13	70'	
	110'	2.48		11.72	63'	
	132'	3.93		5.77	99'	
	196'	2.17		5.66	105'	
				6.84	189'	

SUM OF B.S.
= 132.07 ✓SUM OF F.S.
= 132.10 ✓

Inst.	Tape	Wthr & Temp	Date	Cro 63
SOKKIA	AUTO	70° SUNNY	8-28-07	NH 1 KN
		80° SUNNY	8-29-07	MH 1 KN
		80° SUNNY	8-30-07	MH 1 KN

DESCRIPTION
B.M. TOP ROD #2-A @ SHERMAN & ARDMORE
X-MARK MADE RIM S.M.H.
T.P. SPIK SET IN SIDE WALK
T.P. TOP COR GRAN CORB
T.P. SPIK SET IN ROADWAY
T.P. SPIK SET IN ROADWAY
T.P. SPIK SET IN ROADWAY
T.P. SPIK SET IN ROADWAY
TP SPIK SET IN ROADWAY
T.P. SPIK SET IN ROADWAY
T.P. TOP COR GRAN CORB
B.M. NCED SPIK #11 ON SPRAGUE ST
T.P. TOP COR GRAN CORB
T.P. SPIK IN ROADWAY
T.P. SPIK IN ROADWAY
T.P. SPIK IN ROADWAY
T.P. SPIK IN ROADWAY
T.P. SPIK IN ROADWAY
T.P. TOP COR GRAN CORB
T.P. SPIK IN SIDEWALK
T.P. X-MARK RIM S.M.H.
B.M. TOP ROD #2-A @ SHERMAN & ARDMORE

SEE ENV 962

64

Inst.

Tape

Wthr & Temp

Date

Cres 25

66
F.B. 635

G. P. S. PEG TEST
— DEDHAM —
CEMETERY

STA+OFF	DIST	B.S.	H.I.Z.	F.S.	DIST	ELEV
	140'	4.90	104.90			100.00
	83'	4.96	104.93	4.93	148	99.97
	141	4.98	104.97	4.94	204	99.99
	200'	4.54	104.51	5.00	148	99.97
				4.51	88	100.00

inst Tape Wthr & Temp Date Cntrl
SOKKIA AUTO 80° SONNY 8-31-07 MH+KN

DESCRIPTION
SPA A
SPK B
SPK A
SPK B
SPK A

68
F.B. 635

G.P.S. LEVEL RUN
DEDHAM
POINT 6 A TO POINT 1A

STA + OFF	DIST.	B.S.	H.I.	F.S.	DIST	ELEV.
	85'	9.67				
	104'	12.11		2.19	100'	
	201'	7.96		1.88	81'	
	231'	7.05		6.71	203	
	222'	6.32		4.39	218'	
	88'	1.63		12.35	204'	
	82'	1.82		9.17	71'	
	95'	2.42		10.22	104'	
	90'	5.65		11.21	88'	
	158'	11.61		3.63	109'	
	111'	1.50		6.37	182'	
	206'	5.92		5.70	101'	
	241'	7.11		1.70	204'	
	142'	6.25		2.86	245'	
	138'	3.19		2.58	156'	
	178'	10.61		1.69	127'	
	200'	8.05		2.12	154'	
	64'	4.96		2.45	200'	
	125'	6.32		3.59	82'	
	98'	2.11		9.36	135'	
	127'	2.61		10.80	121'	
	130'	2.22		9.04	138'	
	123'	2.44		5.09	104'	
	235'	6.67		6.94	138	
	197'	4.26		6.54	246'	
	231'	4.69		4.41	178'	
	224'	2.65		5.77	212'	
	166'	1.36		12.30	225'	

inst Tape Wdr & Temp Date Cn 69
SOKKIA AUTO 80° SUNNY 8-31-07 MH:KN
75° SUNNY 9-5-07 MH:KB
SEE ENV 962

DESCRIPTION
B.M. TOP ROD #6A @ LEDGEWOOD, GREEN LODGE
T.P. SPK SET IN SIDE WALK
T.P. X-MARK SET RIM T.M.H.
T.P. SPK SET IN SIDE WALK
T.P. SPK SET IN CURB
T.P. SPK SET IN SIDE WALK
T.P. SPK INSIDE WALK
T.P. SPK SET IN SIDE WALK
T.P. TOP COR GRAN CURB
T.P. END @ BRK WALK @ #440 CEDAR
T.P. SPK IN WALK WAY
T.P. TOP COR TMBR WALL
T.P. SPK SET EDGE ROAD
T.P. SPK IN ROAD WAY
B.M. L.O.C., L.S.S. #10 ELMWOOD
T.P. SPK SET BOT U.P. #20
T.P. L.O.C. CNC WALK #153 MUNROE
T.P. L.O.C. CNC WALK #316 MT VERNON
B.M. DISK #61 L/A IN S.B. @ #307 MT VERNON
T.P. SPK IN ROADWAY
T.P. SPK IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. L.O.C. L.B.S. #72 BLVD ROAD
T.P. TOP COR GRAN CURB
T.P. SPK SET IN U.P. #48
B.M. #7404 RIVET IN STN WALL
T.P. SPK IN U.P. #76
T.P. X-MARK RIM S.M.H.

GREEN LODGE, SPACUVE, ELMWOOD, MUNROE, BLVD. RD., EAST ST.

70
F.B. 635

G.P.S. LEVEL RUN
DEDHAM
POINT 6A TO POINT 1A

STA+OFF	DIST.	B.S.	H.I.	F.S.	DIST	ELEV
	188'	3.64		9.25	191'	
	143'	8.15		3.76	190'	
	58'	1.75		11.01	129'	
	217'	2.98		7.55	68'	
	126'	4.14		6.43	219'	
	50'	5.25		3.14	127'	
	58'	2.29		4.58	52'	
	196'	4.06		3.57	52'	
	95'	7.19		4.43	210'	
	96'	9.72		3.20	88'	
	164'	7.36		3.12	97'	
	144'	5.63		4.87	177'	
	141'	4.03		4.11	149'	
	126'	2.13		11.32	145	
	130	4.05		4.56	108	

SUM OF B.S.
= 217.48

SUM OF F.S.
= 245.96

inst Tape Wthr & Temp Date Cms 71
SOKKIA AUTO 75° SUNNY 9.5.07 MM 1/16
SPE ENV 962

DESCRIPTION	
T.P.	SPK IN U.P. #68
T.P.	SPK SET IN ROADWAY
T.P.	TOP COR GRAN CURB
T.P.	SPK SET IN CORBLINE
T.P.	X MARK RIM D.M.H.
T.P.	TOP COR GRAN CURB
B.M.	#7403 RIVET IN CONC HEADWALL
T.P.	SPK SET U.P. #13
T.P.	SPK SET IN CORBLINE
SPK	SET IN ROADWAY
SPK	SET IN PKG LOT
SPK	SET IN PKG LOT
STK	STT IN FIELD
SPK	SET IN STEP WAY
B.M.	TOP ROD #1-A @ HIGH HARVARD ST

EASTERN AVENUE X-CUTTER

72
F.B. 635

G.P.S. LEVEL RUN
DEDHAM
POINT 1A TO 6A

STA & OFF	DIST.	B.S.	H.I.	F.S.	DIST	ELEV.
	106'	4.76				
	129'	10.88		2.33	132'	
	144'	3.96		3.59	157'	
	177'	4.78		5.50	147'	
	106'	3.47		7.26	166	
	88'	2.95		10.07	110'	
	206'	4.25		6.95	94'	
	53'	3.61		3.89	201'	
	51'	4.51		2.33	58'	
	124'	3.05		5.18	52'	
	220'	6.16		4.05	130'	
	70'	7.61		2.71	215'	
	131'	11.31		1.81	50'	
	184'	3.36		8.44	159'	
	192'	9.27		3.24	198'	
	228'	11.61		1.37	168'	
	215'	5.55		1.97	222'	
	176'	4.05		4.47	238'	
	262'	6.17		3.90	198'	
	140'	7.07		6.30	237'	
	106'	5.66		2.57	126'	
	139'	9.03		2.78	120'	
	123'	11.45		2.60	127'	
	134'	9.67		2.76	102'	
	79'	3.83		6.64	126'	
	206'	2.43		5.20	74'	
	149'	2.26		8.04	199'	
	117'	1.71		10.74	177'	
	158'	2.55		3.21	127'	

CONT'D NEXT PAGE

DATE Tape Wthr & Temp Date Croy
SOKKIA AUTO 70° CLDY 9-6-07 MH, JLB
" " 85° SUNNY 9-7-07 MH, JN, KN
SEE ENV 962

DESCRIPTION
B.M. TOP ROD #1A @ HIGH & HARVARD ST
T.P. SPK SET IN STEPWAY
T.P. STK SET IN FIELD
T.P. SPK SET IN PKG LOT
T.P. SPK SET IN PKG LOT
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN CURB LINE
T.P. SPK SET IN U.P. U.P. #13
B.M. #7403 RIVET IN CNC HEADWALL
T.P. TOP COR GRAN CURB
T.P. X-MARK RIM D.M.H.
T.P. SPK SET IN CURB LINE
T.P. TOP COR GRAN CURB
T.P. SPK SET IN ROADWAY
T.P. SPK IN U.P. #68
T.P. X-MARK RIM S.M.H.
T.P. SPK IN U.P. #76
B.M. #7404 RIVET IN STN WALL
T.P. SPK IN U.P. #48
T.P. TOP COR GRAN CURB
T.P. LOCAL BS #72 BLVD RD
T.P. SPK IN ROADWAY
T.P. SPK IN ROADWAY
T.P. SPK IN ROADWAY
B.M. DISK #61 L/A IN S.B. @ 307 Mt VERNON
T.P. L.O.C. CNC WALK #316 Mt VERNON
T.P. L.O.C. CNC WALK #153 MUNROE
T.P. SPK IN U.P. #20
B.M. L.O.C. L.S.S. #10 ELMWOOD

X-ENTRY - EASTERN AV. - EAST ST - BLVD RD - MUNROE

74 G.P.S. LEVEL RUN
F.B. 635 DEDHAM
POINT 1-A TO POINT 6-A

STA+OFF	DIST	B.S.	H.I.	F.S.	DIST	ELEV
	248'	2.70		6.23	141'	
	210'	1.52		6.94	243'	
	112'	6.24		5.73	212'	
	181'	5.26		2.03	101'	
	106'	3.80		10.50	162'	
	96'	11.10		5.81	92'	
	100'	9.78		2.30	88'	
	82'	9.73		1.37	92'	
	217'	11.93		2.18	78'	
	230'	1.91		4.59	195'	
	207'	7.18		5.89	224'	
	81'	1.93		8.44	203'	
	95'	1.61		11.03	85'	
				10.24	97'	

SUM OF B.S.

= 217.48

+ 241.66

459.14 ✓

SUM OF F.S.

= 245.96

+ 213.18

459.14 ✓

inst. Tape Webr & Temp Date Cms 75
SOKKIA AUTO 85° SUNNY 9-7-07 M.H. J.N. K.X.
75° CLDY 9-10-07 M.H. J.N.
SEE ENV 962

DESCRIPTION	
T.P.	SPIL IN ROAD WAY
T.P.	SPIL IN EDGE ROAD
T.P.	TOP COR TMBR. WALL
T.P.	SPIL IN WALK WAY
T.P.	END @ BRK WALK @ 440 CEDAR
T.P.	TOP COR GRAN CURB
T.P.	SPIL IN SIDE WALK
T.P.	SPIL IN SIDE WALK
T.P.	SPIL IN SIDE WALK
T.P.	SPIL IN CURB LINE
T.P.	SPIL IN SIDEWALK
T.P.	X-MARK RIM T.M.H.
T.P.	SPIL IN SIDE WALK
B.M.	TOP ROD #6-A @ LEDGEWOOD & GREEN LODGE

ELMWOOD SPRAGUE GREEN LODGE

76.
F.B. 635

G.P.S. PEG TEST
DEBHAM CEMETERY

STA + OFF	DIST	B.S.	H.I.	F.S.	DIST	ELEV
	141'	4.83				100.60
	74'	4.76		4.85	146'	
				4.74	214'	

inst. Tape Wthr & Temp Date Cns.
SOKKIA AUTO 65°CIDY 10-18-07 MHJV

DESCRIPTION
SPK "A"
SPK "B"
SPK "A"

78
F.B. 635

G. P. S. LEVEL RUN
DEDHAM
PT #5A TO DISK #10924A
— HIGH ST. —

STATION	DIST	B.S.	H.I.	F.S.	DIST	ELEV
	161'	5.76				
	242'	4.91		5.18	162'	
	228'	6.85		6.57	230'	
	239'	5.89		3.93	234'	
	228'	4.88		2.58	237'	
	155'	5.58		2.79	244'	
	195'	3.19		2.94	150'	
	231'	5.80		4.90	202'	
	112'	4.89		1.63	225'	
	139'	4.52		4.59	104'	
	150'	3.02		3.65	161'	
	236'	2.99		3.89	160'	
	242'	6.23		4.50	244'	
	232'	4.05		4.46	261'	
	100'	6.98		2.46	237'	
	186'	2.20		2.01	125'	
	89'	4.54		8.10	178'	
	195'	7.38		7.07	115'	
	218'	10.85		1.26	174'	
	191'	6.54		4.05	205'	
	73'	8.57		2.79	214'	
	52'	8.18		2.81	61'	
	62'	9.34		2.11	60'	
	77'	9.27		2.14	71'	
	85'	9.30		1.70	66'	
	100'	9.68		2.97	72'	
	152'	10.65		1.51	118'	
	83'	7.67		2.16	135'	

CONTINUED NEXT PAGE

inst. Tape Wthr & Temp Date Croy
SOKKIA AUTO 70° CLDY 10-18-07 MH & JV
10-19-07 MH, JV, DS
SEE ENV 962

DESCRIPTION
B.M. TOP ROD #5A @ COURT & CHURCH ST'S
T.P. TOP COR GR CORB
B.M. USGS DISK #61-D @ HIGH & AMES ST'S
T.P. COR. W.G. @ HIGH & BULLARD
T.P. SPK SET BOT U.P. #67
T.P. SPK SET BOT U.P. #72
T.P. SPK SET BOT U.P. #75
T.P. SPK IN TREE STUMP
T.P. TOP & COMPASS STONE @ HIGH ST
BM USGS DISK #61-B @ HIGH & COMMON
T.P. TOP & COMPASS STONE @ COMMON ST
B.M. USGS DISK #61-B
T.P. SPK SET BOT U.P. #40
T.P. SPK SET BOT U.P. #90
T.P. SPK END IN U.P. #95
T.P. SPK SET BOT U.P. #97
B.M. N.C.E.D. DISK #10 @ #1025 HIGH ST
B.M. U.S.G.S. DISK #61A @ #1041 HIGH ST
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
T.P. SPK SET IN ROADWAY
R.P. RIM CATCH BASIN
T.P. SPK SET IN ROADWAY

80

F.B. 635

G.P.S. LEVEL RUN

— DEDHAM —
 PT #5-A TO DISK #10924A
 HIGH STREET

STA + OFF	DIST	B.S.	H.I.	F.S.	DIST	ELEV
	135'	8.58		4.23	68'	
	106'	7.81		2.17	121'	
	120'	9.63		2.59	92'	
				2.20	112'	

SUM OF B.S. = 205.73 SUM OF F.S. = 105.94

Inst

Tape

Wthr & Temp

Date

Crsy/

SOKKIA AUTO

80° SUNNY 10-22-07 MH:IN

DESCRIPTION

B.M. MEN N.C.E.D. #4A DISK
 T.P. SPR SET IN LIGHT POLE
 T.P. & GRAN HEADER
 B.M. U.S.G.S. DISK #10924A

82

G. P. S. LEVEL RUN

F.B. 635

DEDHAM

DISK #10924A TO PT #5-A

— HIGH ST —

STA+OFF	DIST	B.S.	H.I.	F.S.	DIST	ELEV
	106'	2.47				
	90'	3.23		9.90	127'	
	104'	2.69		8.45	110'	
	61'	4.47		9.11	128'	
	132'	1.59		7.91	84'	
	108'	2.19		10.09	150'	
	82'	2.25		10.36	122'	
	72'	1.99		8.57	77'	
	71'	1.60		9.56	75'	
	59'	2.17		8.80	66'	
	72'	1.90		8.24	60'	
	215'	2.66		7.66	70'	
	205'	4.25		6.40	197'	
171'	165'	2.05	1.73	11.05	218'	
	80'	6.47		7.85	197'	
	177'	8.30		3.94	102'	
	109'	2.17		2.40	187'	
	237'	2.43		7.15	131'	
255'	212'	5.08	4.27	4.03	230'	
	236'	4.14		6.04	245'	
	161'	4.53		2.63	258'	
	211'	4.16		3.66	172'	
	217'	1.41		5.34	193'	
	206'	5.20		5.58	233'	
	166'	2.78		3.50	188	
	222'	3.25		5.42	151'	
	230'	3.36		5.35	247'	
	237'	3.91		6.07	233'	

CONT'D ON NEXT PAGE

Inst

Tape

Wthr & Temp

Date

Corg3

SOKKIA AUTO 80° SONNY 10-22-07 MH#IV
 70° CLDY 10-23-07 MH#IV
 SEE ENV 962

DESCRIPTION
B.M. U.S.G.S. DISK #10924A
T.P. & GRAN HEADER
T.P. SPK IN LIGHT POLE
B.M. N.C.E.D. DISK #4A
T.P. SPK IN R. WAY
T.P. RIM C. BASIN
T.P. SPK IN R. WAY
T.P. SPK IN R. WAY
T.P. SPK IN R. WAY
T.P. SPK IN R. WAY
T.P. SPK IN R. WAY
T.P. SPK IN R. WAY
T.P. SPK IN R. WAY
T.P. SPK IN R. WAY
B.M. U.S.G.S. DISK #61-A
B.M. N.E.C.D. DISK #10
T.P. SPK IN U.P. #97
T.P. SPK IN U.P. #95
T.P. SPK IN U.P. #90
T.P. SPK IN U.P. #40
B.M. U.S.G.S. DISK #61B
T.P. COMPASS STONE COMMON ST
T.P. COMPASS STONE HIGH ST
T.P. SPK IN STUMP
T.P. SPK IN U.P. #73
T.P. SPK IN U.P. #72
T.P. SPK IN U.P. #67
T.P. Cor W.B. @ HIGH + BOLLARD

84 C.P.S. LEVEL RUN
F.B. 635 DISK #10924A TO P₇ #5A
DEDHAM
HIGH STREET

STA + OFF	DIST	B.S.	H.I.	F.S.	DIST	ELEV
	234'	6.72		6.83	225'	
	170'	5.29		5.07	239'	
				5.87	155'	

inst. Tape Wehr & Temp Date Cns 85
SOKKIA AUTO 70° CLOUDY 10-23-07 MH, JV

DESCRIPTION
B.M. U.S.G.S. DISK #61-D
T.P. TOP COR GR CURB
B.M. TOP ROD #5A

SUM OF BS = 103.58 SUM OF F.S. = 203.43
+ 205.73 + 105.94
309.31 309.37

86

Inst

Tape

Wthr & Temp

Date

Creg 7

88

Dist.

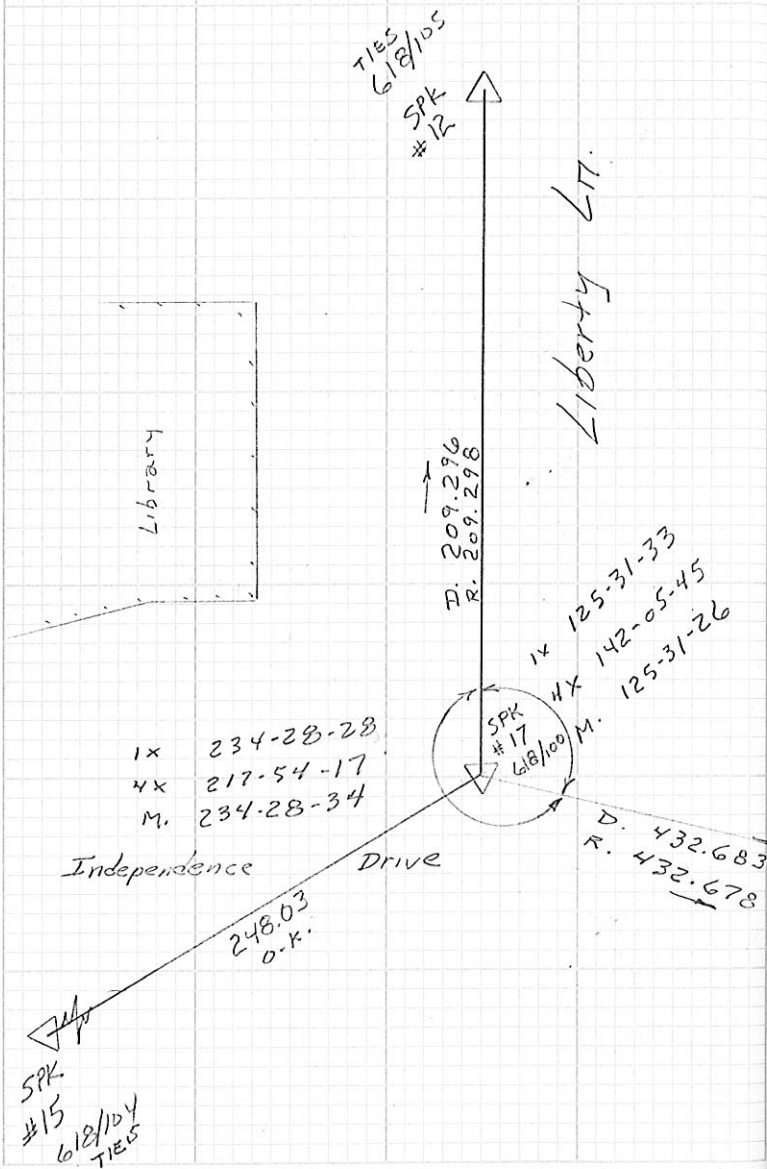
Tape

Wthr & Temp

Date

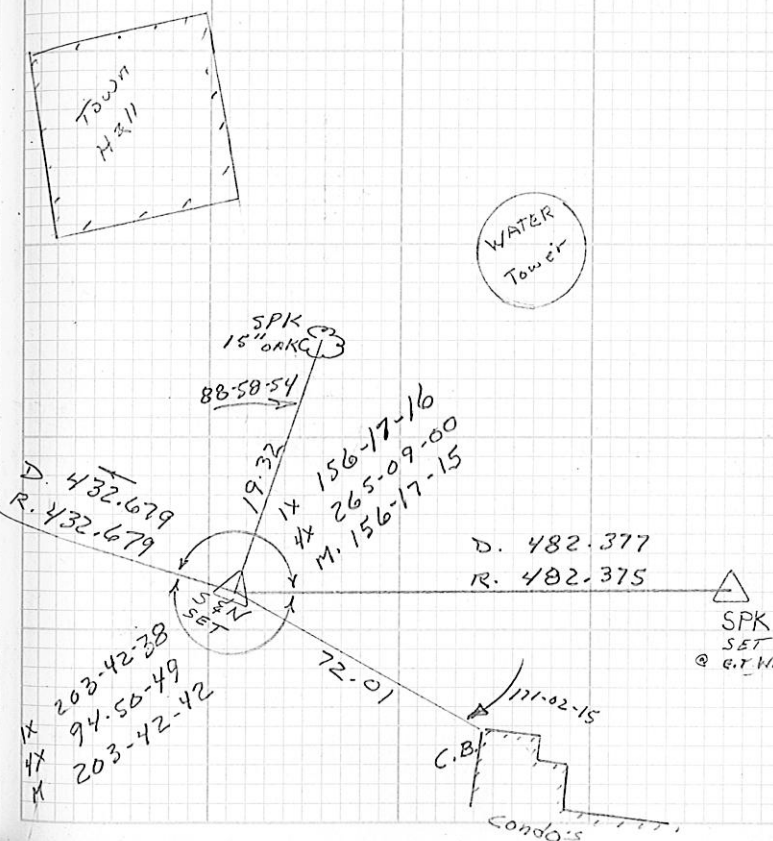
Obs 89

90 WATER TOWER SURVEY FOR PR
F.B. 635



NORFOLK
Wthr & Temp
Date
Cre. 9/1

met TC 32 cldy Wdy 40 2-19-08 GC JV.



92

WATER TOWER

F.B. 635

SURVEY

WATER
TOWER

1x 165-57-01
4x 303-47-42
M. 165-56-55

2x 45-59-11
52-61-12
25-15-59

POY H

SEN
SET

D. 142.765
R. 142.768

SPK
8" oak
17-04-20

D. 265.024
R. 265.028
D. 265.020
R. 265.016

1x 91-59-47
4x 07-59-19
M. 91-59-49

SEN
D. 482.375
R. 482.375

99.10
16.40
115.50

Londo's

SURVEY

NORFOLK

inst

+C

Tape

32

Wthr & Temp

sun

25°

Date

2-21-08

Creg

63

60

27

SPK
SET
IN PK Lot

D. 264.510
R. 264.505
D. 264.480
R. 264.475

1x 99-47-07
4x 38-52-55
M. 99-42-13
1x 99-42-30
4x 38-49-59
M. 99-42-29

Returned this & diet
PT lost to snow
plow

SEN

265.02

D. 142.750
R. 142.755

OK

SPK
8" oak
13-01-30

15.87

112.915

SPK
6" oak
217-58-15

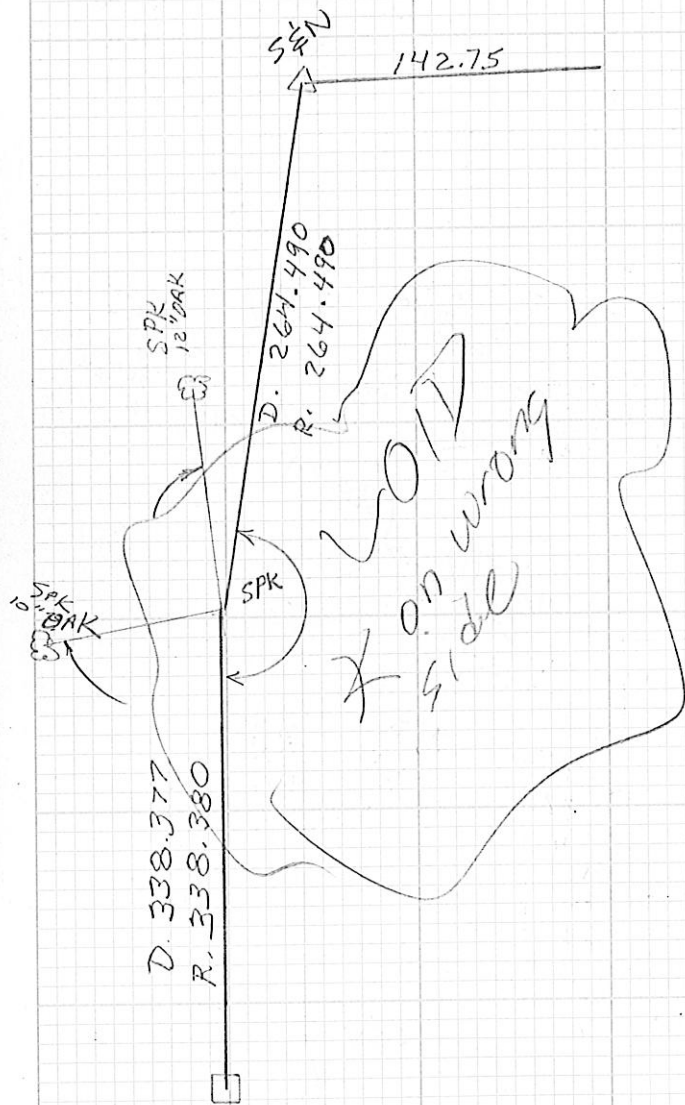
D.H.
Top

29. Boulder

1x 188-54-33
2x 17-49-12
M. 188-54-36

94

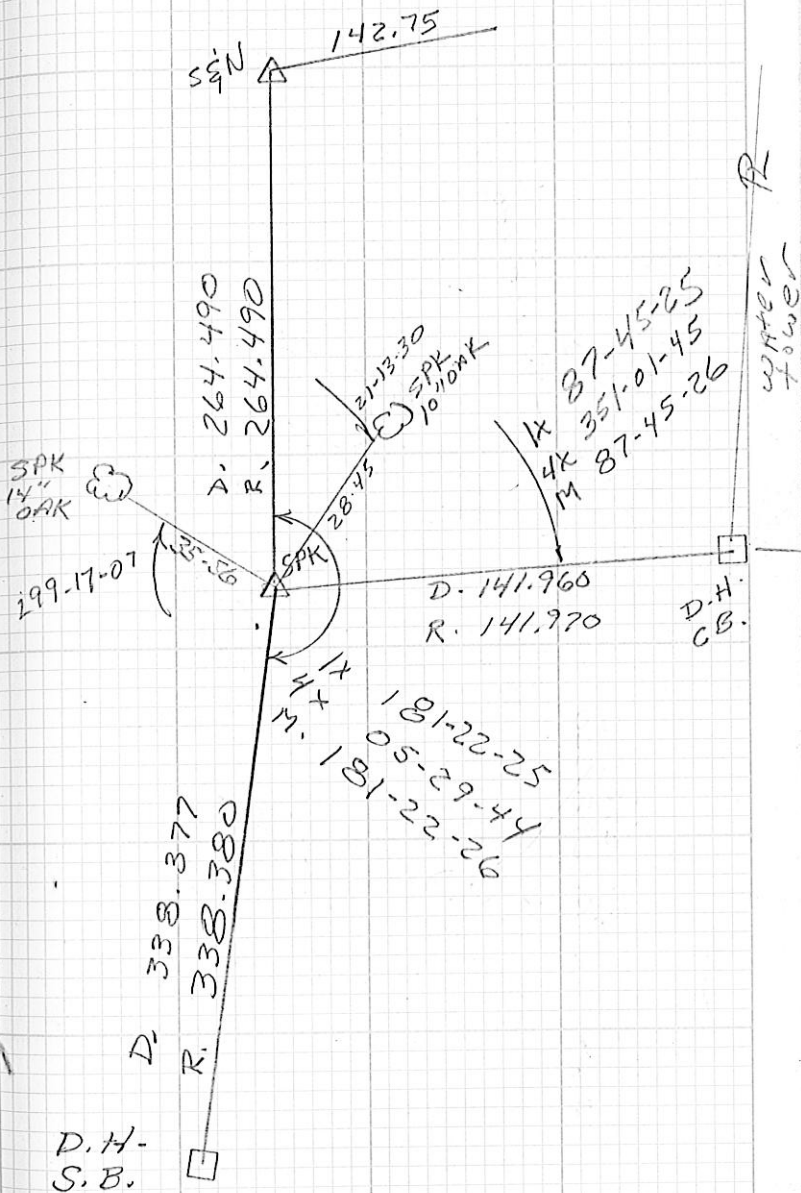
F.B. 635

inst
T.C.Tape
32NOFFOLK
Wthr & Temp
SUN 14

Date

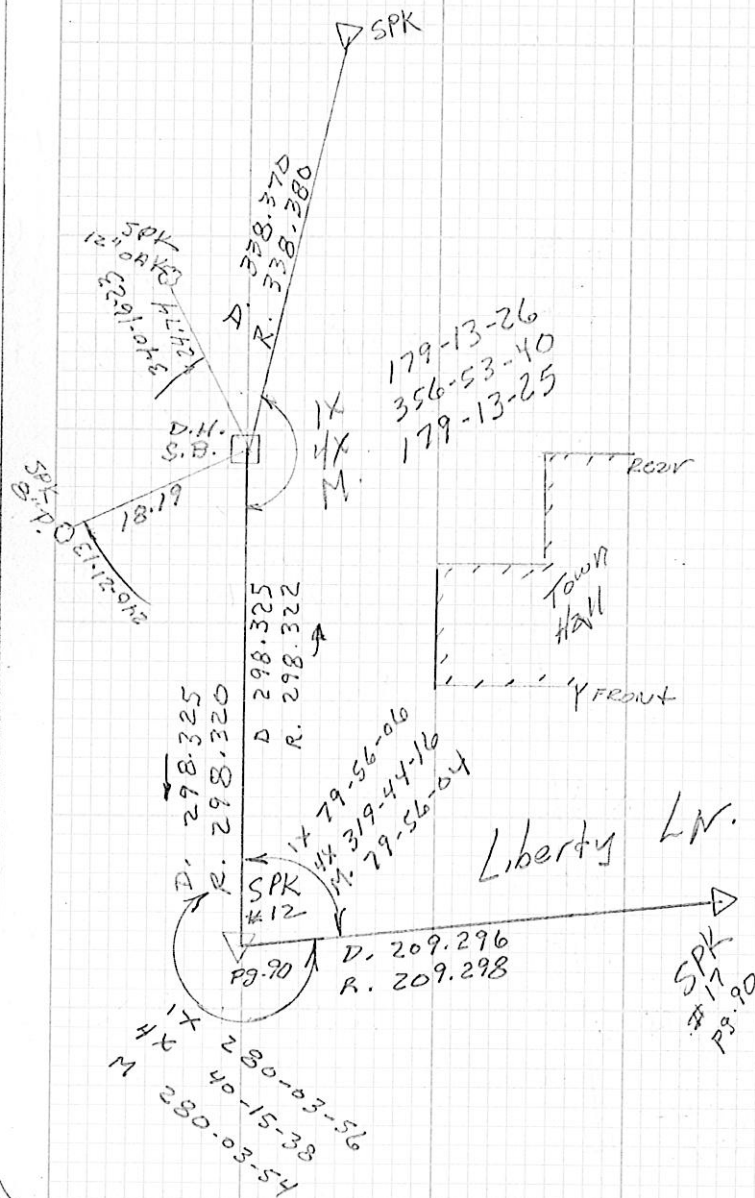
2-25-68

Cres 5

66
JV

96 WATER TOWER SURVEY

F.B. 635



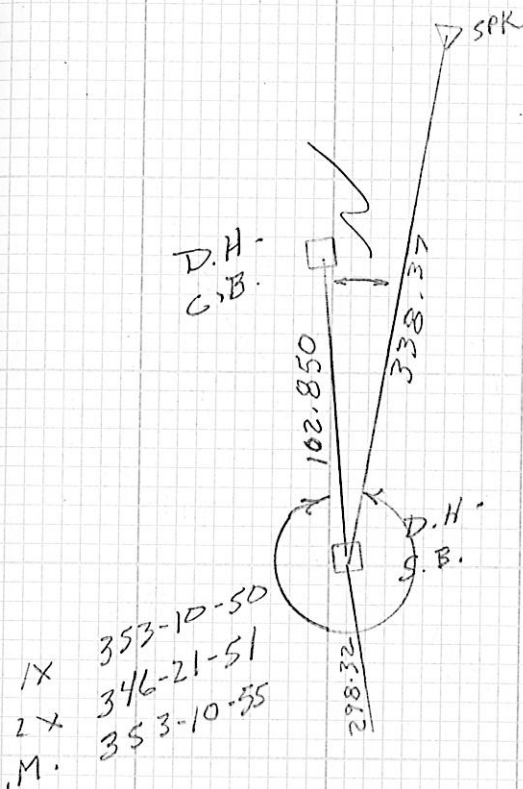
inst
TC

Tape
32

Non-folk
Wthr & Temp
SUN 44

Date
2-25-08

Cres 77
GC
JK



F.B. 635

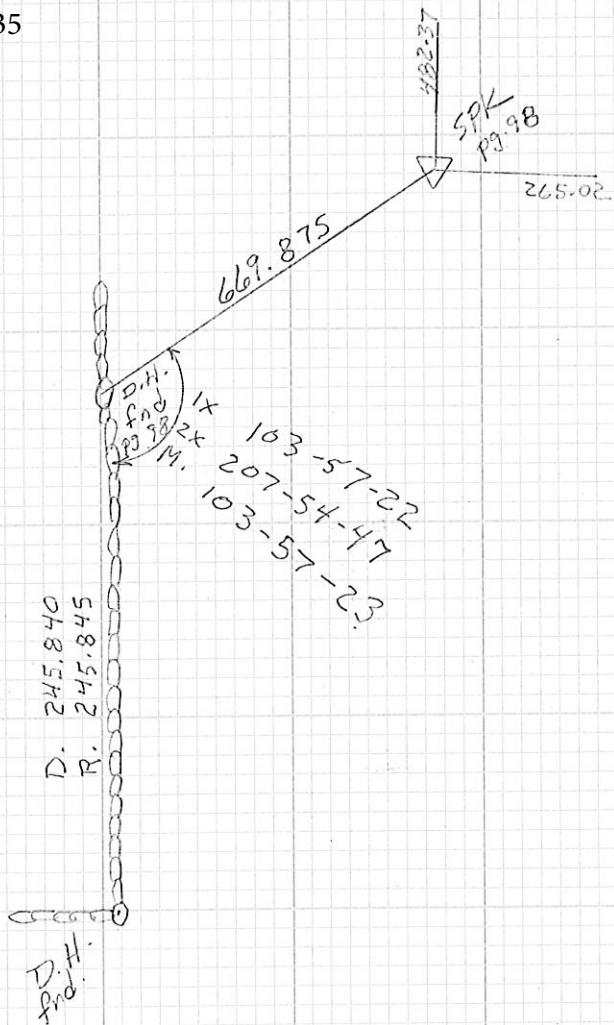


inst
TC

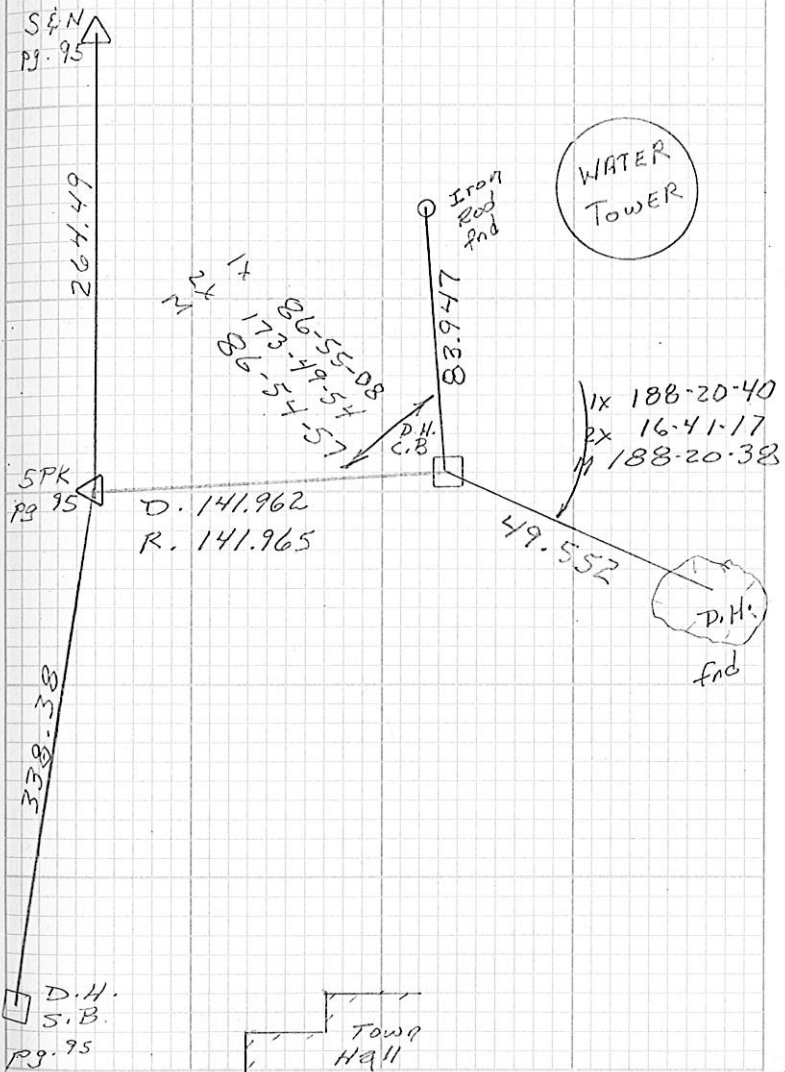


water tower

100 WATER TOWER Survey

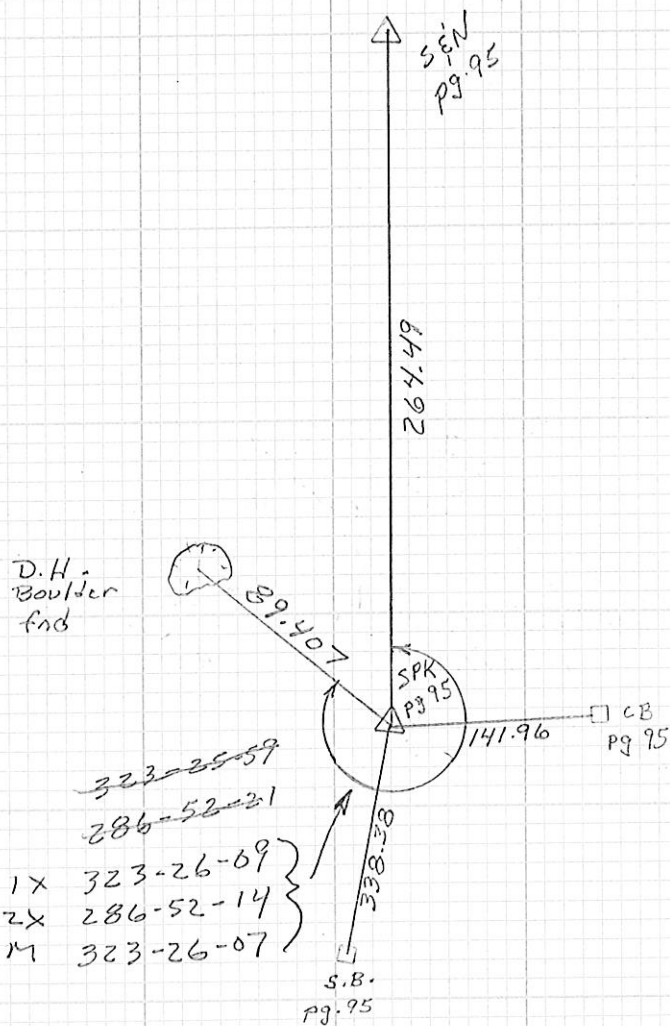


NORFOLK				
Inst	Tape	Wthr & Temp	Date	Crs
TC	32	cldy 33	2-26-08	101 GC TV



102 WATER TOWER SURVEY

F.B. 635



NORFOLK
Wthr & Temp
Date
Cen 03

inst
Tc

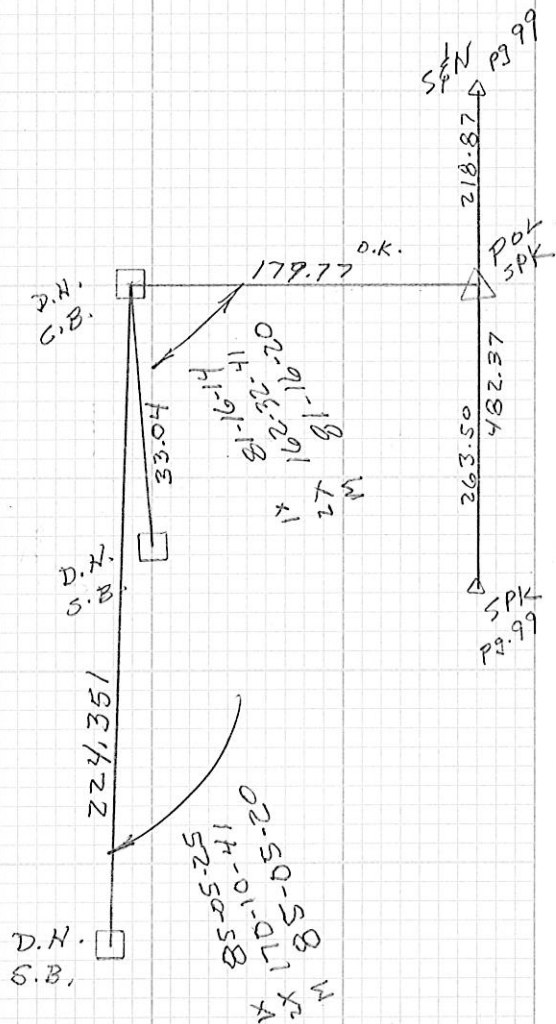
Tape
32

clty

33

2-26-08

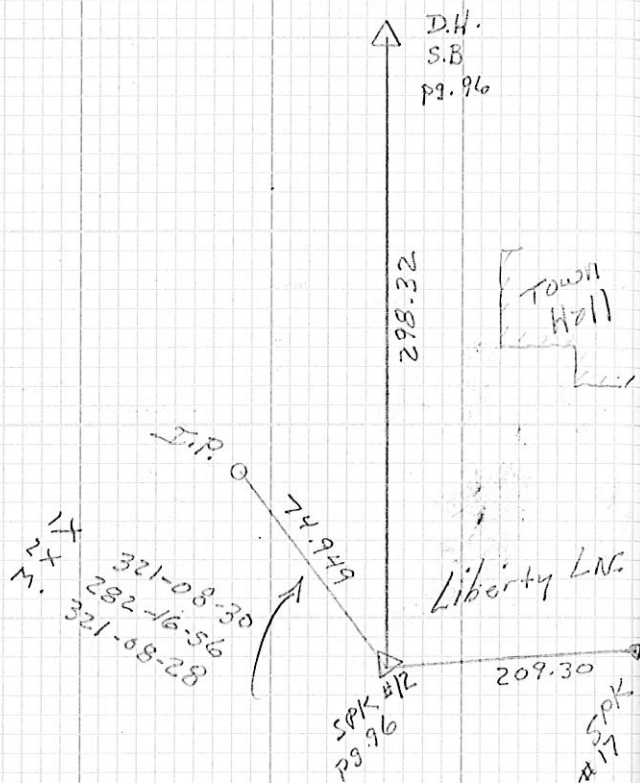
6C
5V



104 WATER TOWER

Survey

F.B. 635

Inst
TLTape
32Norfolk
Wthr & Temp
cldy 33

Date

2-26-09

Cm 105

GC

JR

X closure

4 3
 179-13-25
 79-56-04
 125-31-26
 156-17-15
 91-59-49
 165-56-55
 99-42-29
 181-22-26
 299 229
 1079-59-49

$$8-2=6 \times 180 = 1080$$

Dist check

 38° — 16 1/2' of Full
SAG

91.09 0.013
 82.24 0.009
 45.61 0.001
 85.63 0.011
 88.00 0.011
 89.94 0.012

482.51 0.057
 -.09 temp

$$482.42 + 0.3 \text{ TEN} \quad 16-10 = 6 \times 482.51 = 2895.06 \div 87000 = 0.03$$

482.45
 -.06 sag
 482.39 Adj Dist

106 STK out looking for corners
F.B. 635

02-27-2008 A

SET ON 104 BS 30
pt # 3000 - 3003
Dead battery

Reshot ↓

02-28-2008 A

SET ON 104 BS 30
pt # 3004 - 3015 3017
Checkout ON 105

8007-8012
8016-8020
8022-8023
8036

02-29-2008 A

SET ON 26 BS 30
3018 3022
pt # 3016 - 3026
checkout ON 27

8029-8030
8033-8034

03-03-2008 A

SET ON 28 BS 27
pt # 3023 - 3028
checkout ON 101

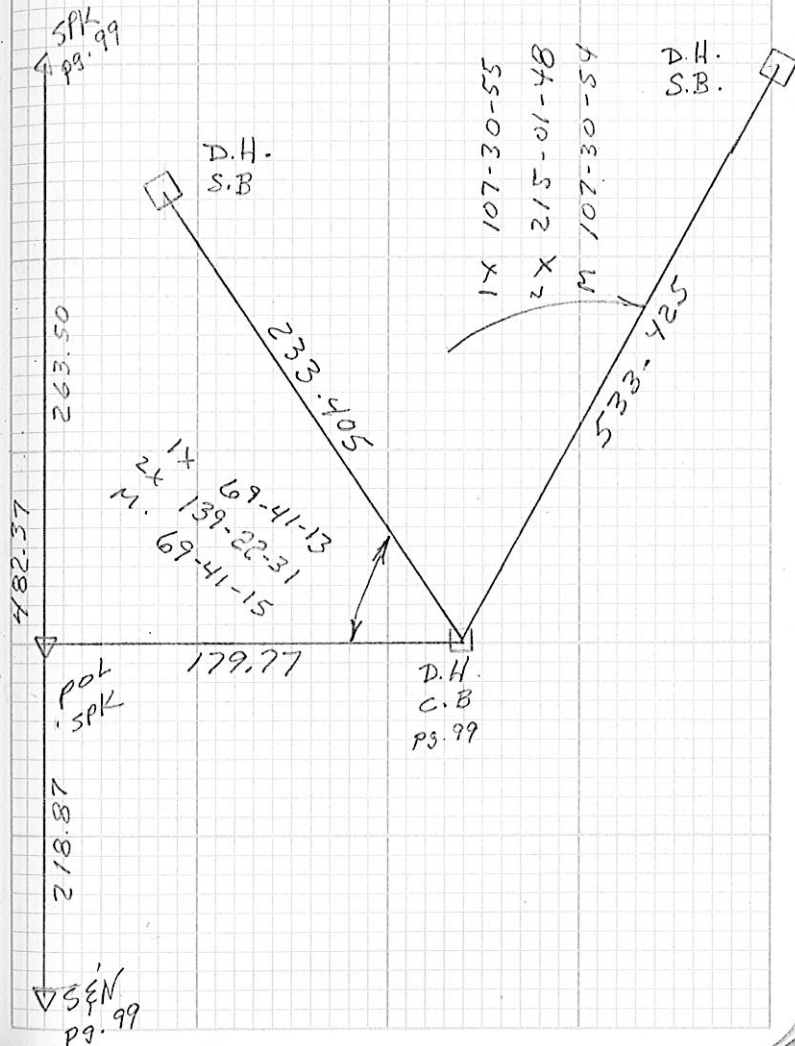
8026 8027
8028

03-05-2008 A

SET ON 17 BS 25
pt # 3029 - 3036
checkout ON 15

8003-8004-8006
8015-8014-8013
8005

NORFOLK
met TC Tape Wthr & Temp Date Cn 107
7C 32 sun 22 2-28-08 66 JV



108 WATER TOWER SURVEY

F.B. 635

S&N
P9.92

482.37



1x 71-18-15
2x 142.36-16
M 71-18-08



146.106

SPK
P9.92

265.02

S&N
P3.92



Tape
32

NORFOLK
Wthr & Temp
Sun 25

Date

2-29-08

Cro 109

6C.
5V

D.H.
S.B.
P9.95

D. 198.610

R. 198.611

1x 97-50-25
2x 195-41-00
M 97-50-30

pol
SPK

25.72

D.H.
C.B.

338.38

D. 139.784

R. 139.784

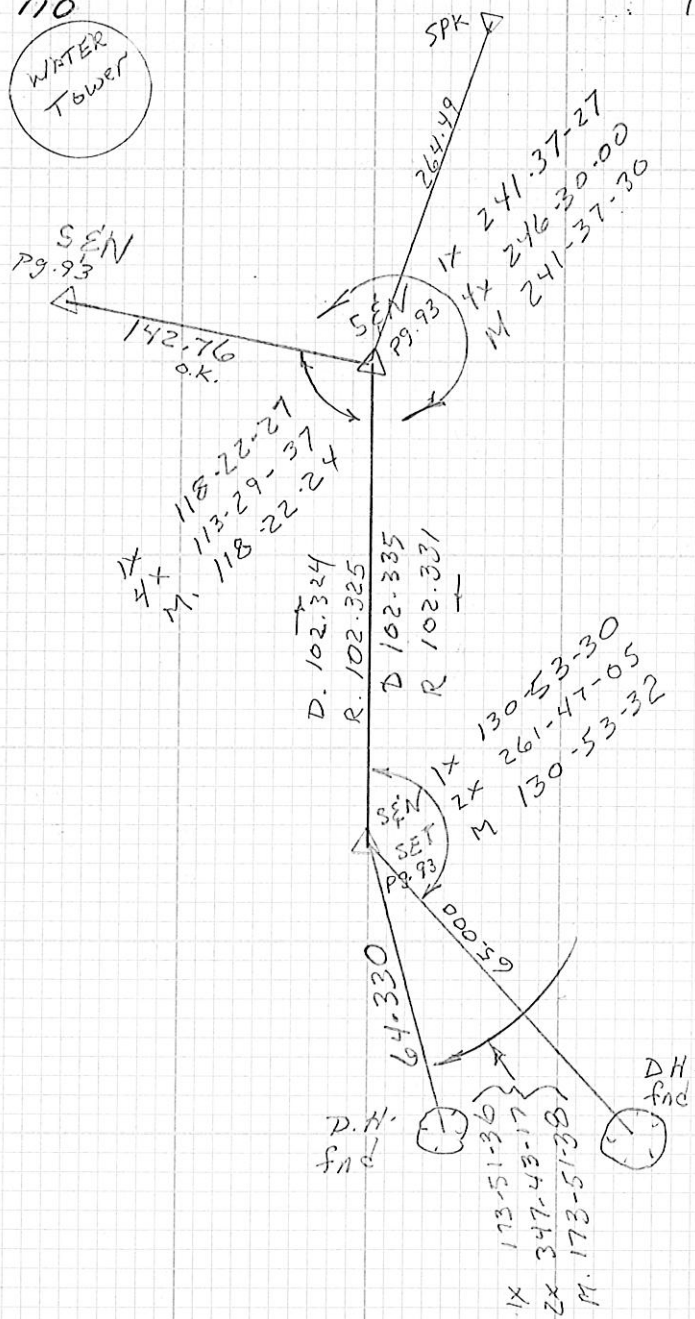
1x 45-05-23
2x 90-11-00
M 45-05-30

SPK
P5.95

54.85

D.H.
C.B.

Survey



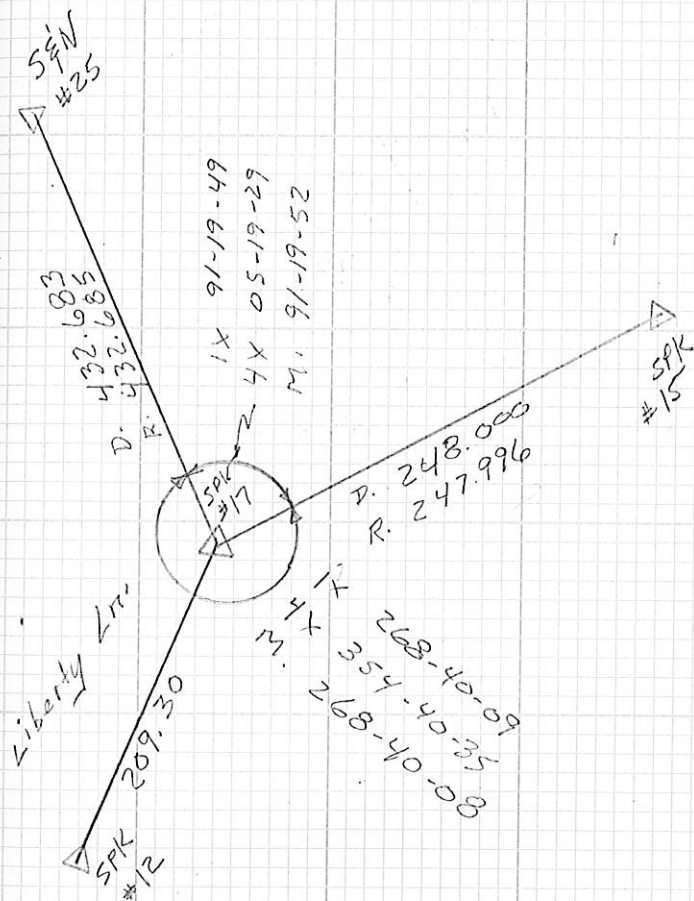
Tape
32

NORFOLK
Wthr & Temp
6164 50

Date
3-5-08

~~GC~~
GC
KN

F.B. 635

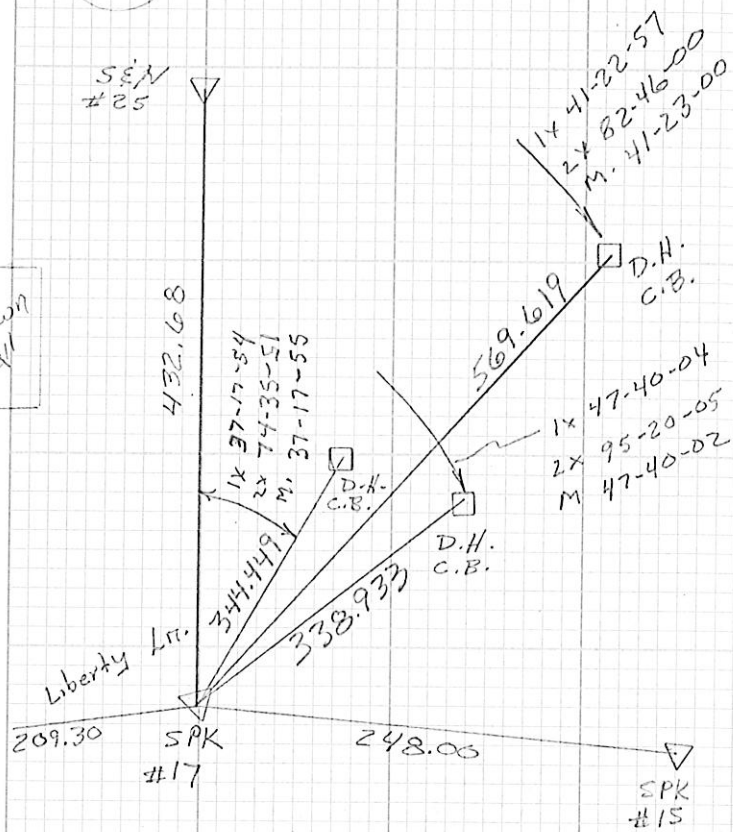


112 WATER TOWER SURVEY

F.B. 635

Water
Tower

Town
Hall



Library

inst
TC

Tape
32

NORFOLK
Wthr & Temp
cldy 50

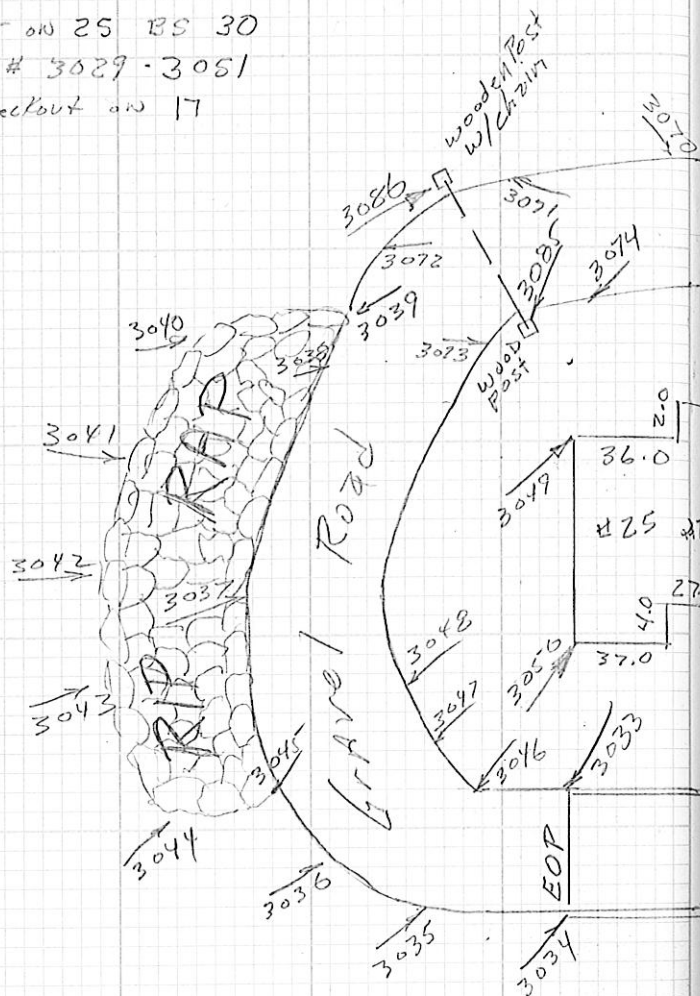
Date
3-5-08

Crs 113
GC
RN

114 WATER TOWER Survey

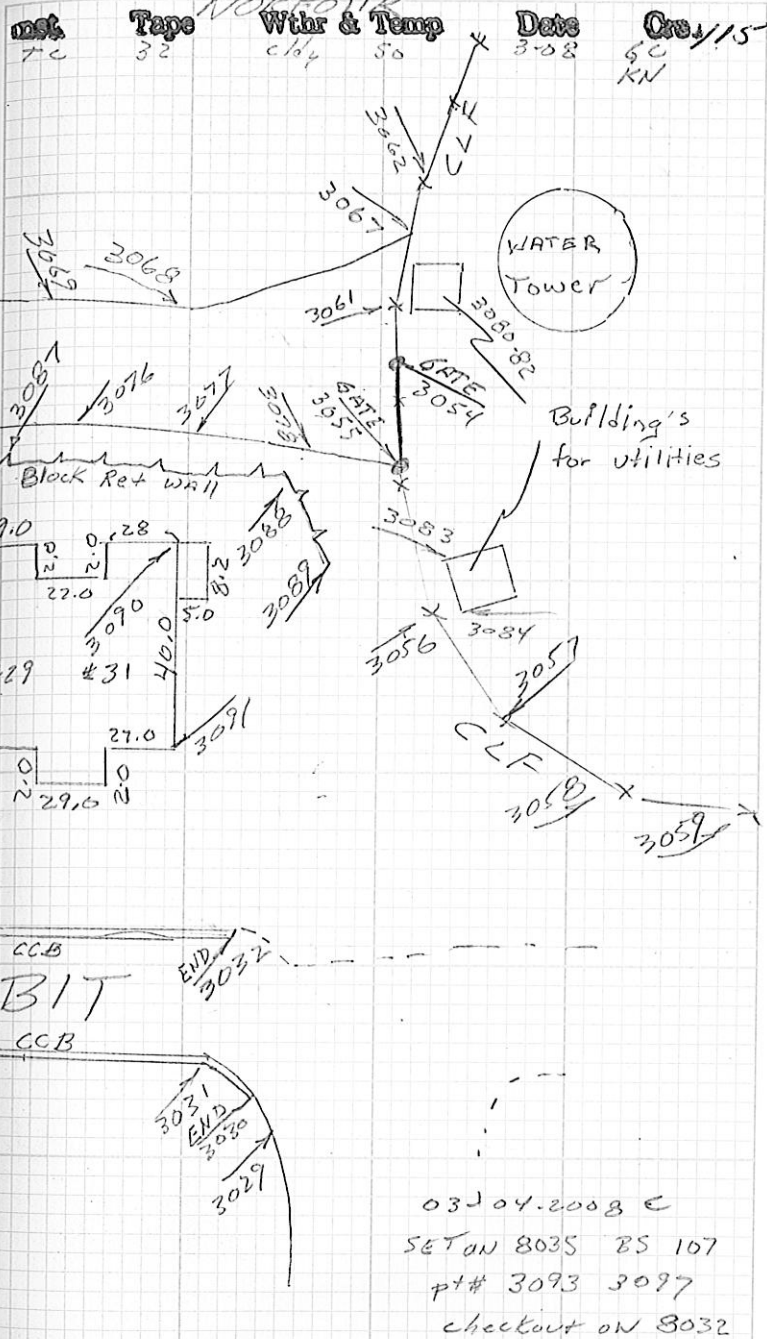
F.B. 635

03-04-2008 A
SET ON 25 BS 30
pt # 3029-3051
checkout on 17



03-04-2008 B
SET ON 30 BS 25
pt # 3052-3053
checkout on 104

03-04-2008 B
SET ON 3052 BS 30
pt # 3054-3092
checkout on 105

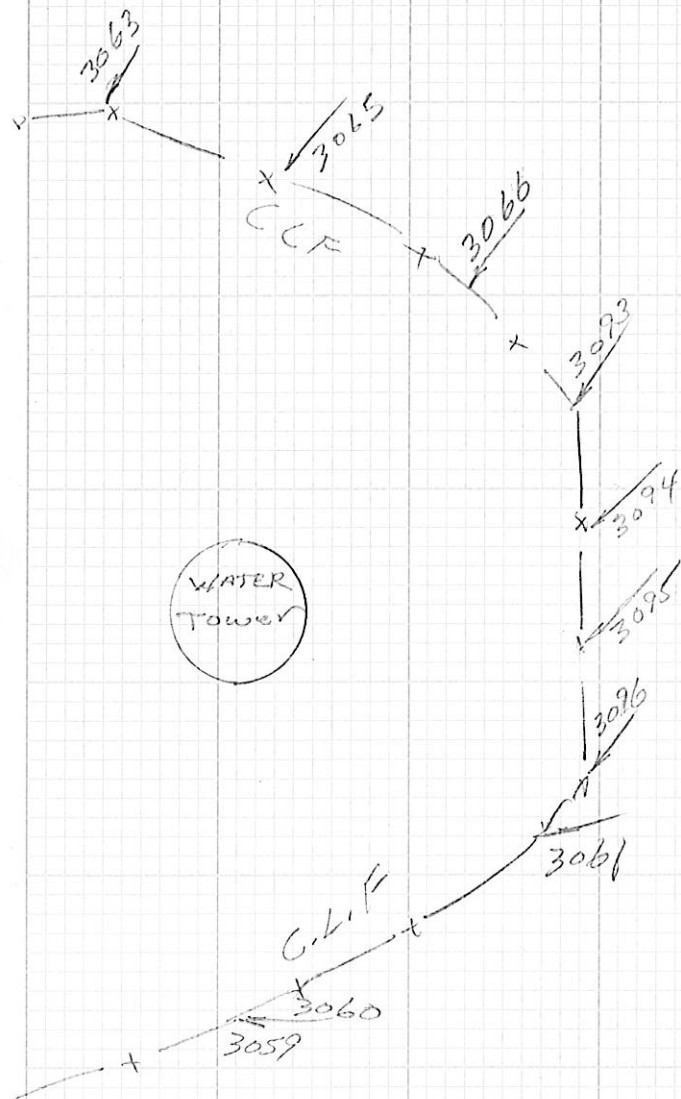


03-04-2008 C
SET ON 3035 BS 107
pt # 3093 3097
checkout on 3032

116

F.B. 635

RAIN 50° 3-08



inst.

Tape

Wthr & Temp

Date

Obs.

117

118

Inst

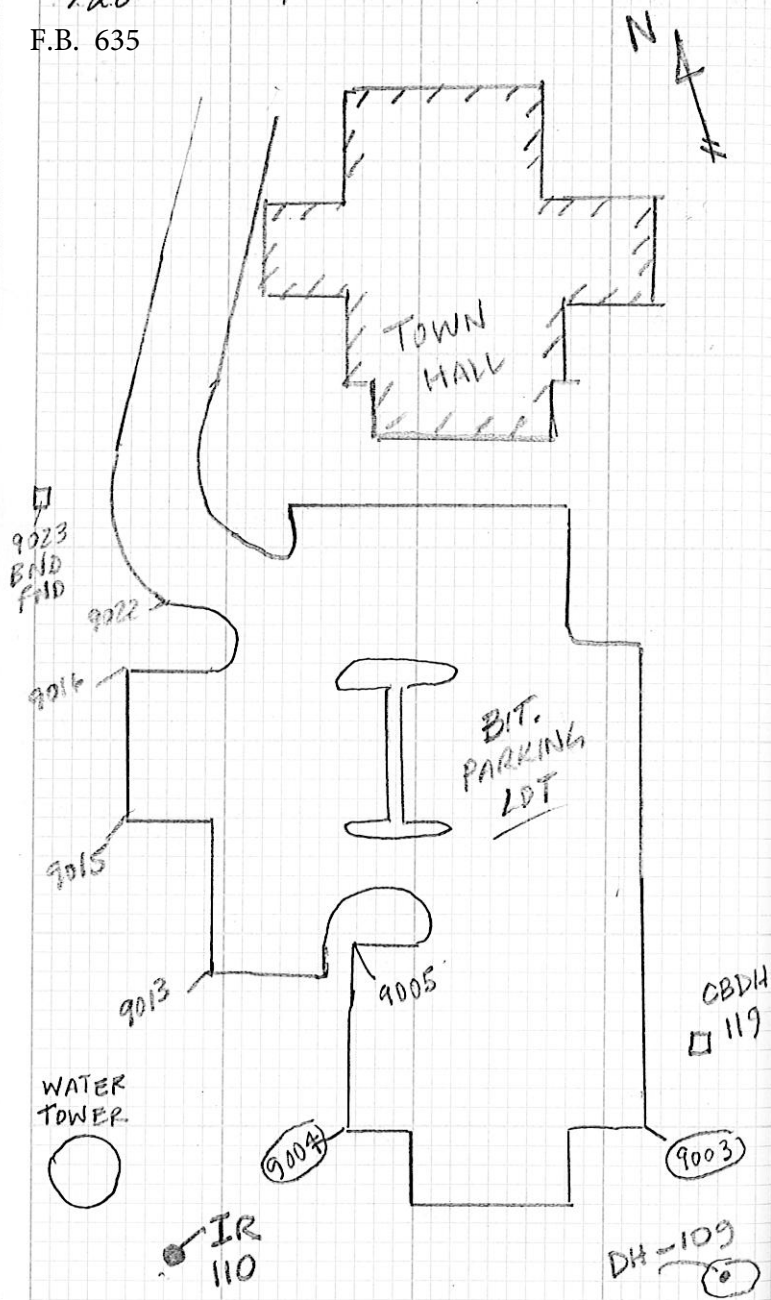
Tape

Wthr & Temp

Date

Cntry

120 LIBERTY LANE, NORFOLK TOWN HALL
F.B. 635



LIBERTY LANE, NORFOLK TOWN HALL
met Tape Wthr & Temp Date Cont 2/
GPS 500 CLDY 45° 4-1-2009 M.J.
RCVR # & 1 FILE: H04012009 GPS J.M.
04012009Z

CALC #	LOC #	DESC
105	9000	CBDH-FD #105
—	9001	JUNK INV / H = 0.03
112	9002	SBDH-112 INV / H = 0.10
9003 →	9022	DETAIL SHOTS
119 9026	9026	CBDH-FD 119
—	9023	SBDH-FD

F.B. 635

205

DESC

9025

BCO w/os (SEE SKETCH C.123)

9026

9027

52

9223

9029

EP w/o S

9030

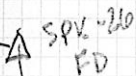
22

2031

SPK-26 (FD) TOP PLOWED OFF SPK
LOCATED REMAINS

9051

5804-113 10



INV ✓
H = 0.36'

* SPK-26 WAS HIT
BY PLOW, TOP GONE

East

Tape

Wthr & Temp

Date _____

Q. 123

LEICA G73

ClO_2 40°

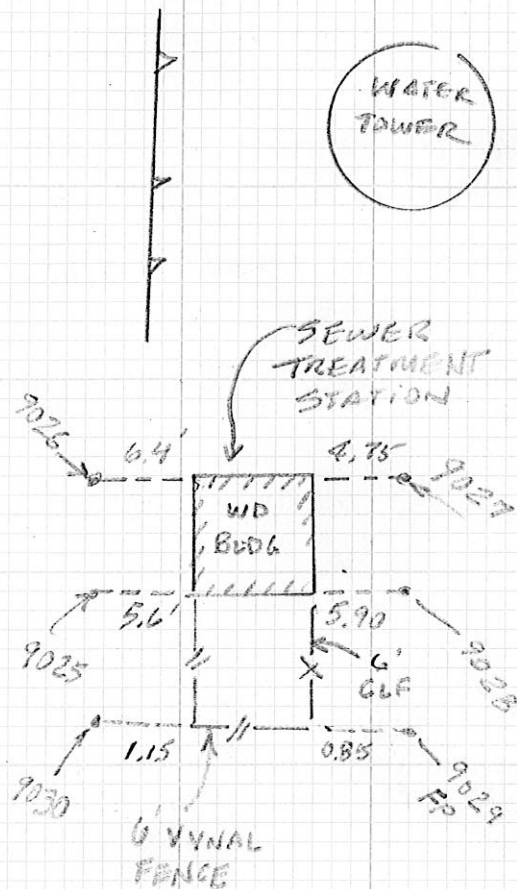
4-8-09

14-5

530 FCVR #2

Wind:

5. M.



124 MAIN ST. NORFOLK F.B. 635
LEICA 703 CLDY 45° M.J.
4-6-2009 J.M.

\$ STK OUT Across From

FILE: N04042009A

²⁰⁰ ²⁰¹
 X @ SPR SET BS SBDH-FD
 00-00-00 432,288

3BDH 213-12-32 133.117
FD
202

IR-FD 203-46-56 212,297'
W/CAP
203

CBDH-FD 197-44-55 477.859
204

STAKEOUT TO BNDs

8767 198-27-48 380.94 NF
DUE 1'

STK LINE 0743 - 8759

205 BP SET ON \$

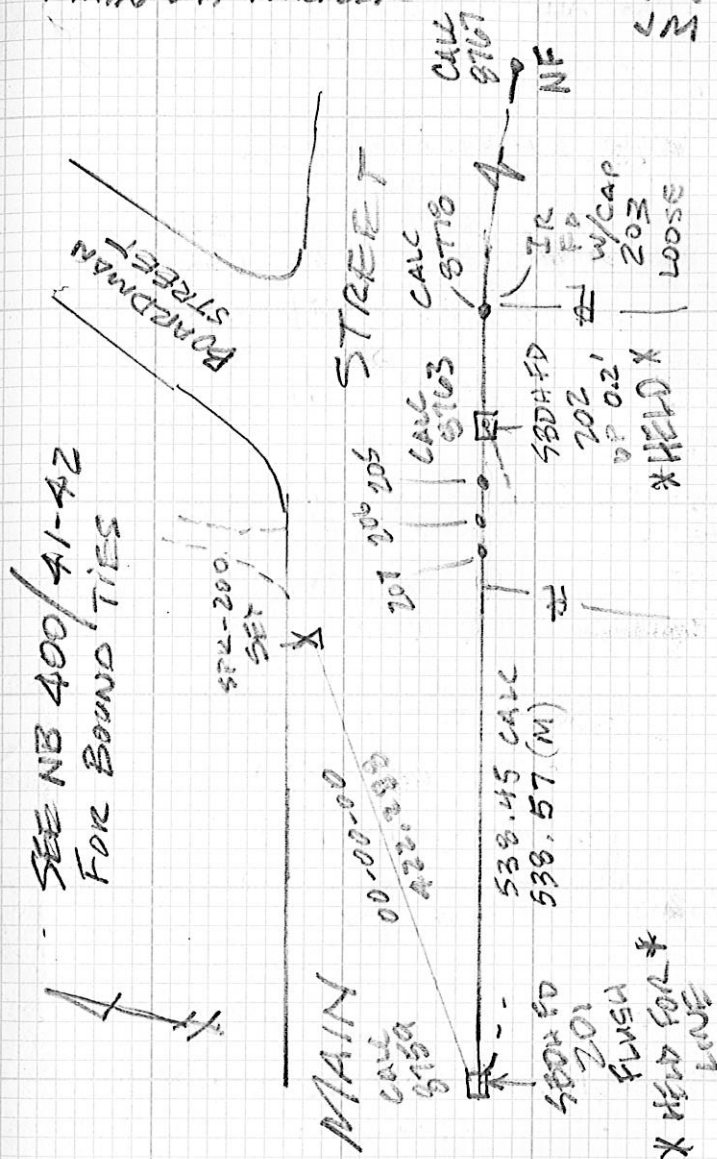
206	11	10	10	11
-----	----	----	----	----

207	"	"	"	"
-----	---	---	---	---

208 CHECK OUT ON 8763

✓ 213-11-51 133.09 INV ✓
H = 0.02

inst	Tape	Wthr & Temp	Date	Cont
	MAIN ST.	NORFOLK	4-6-09	MJ JM



NORFOLK MA MAIN ST.

126 LEICA 803 EDM COOL SS 11-18-09 KB KN

F.B. 635

ALL BND LOCATIONS AND WALL

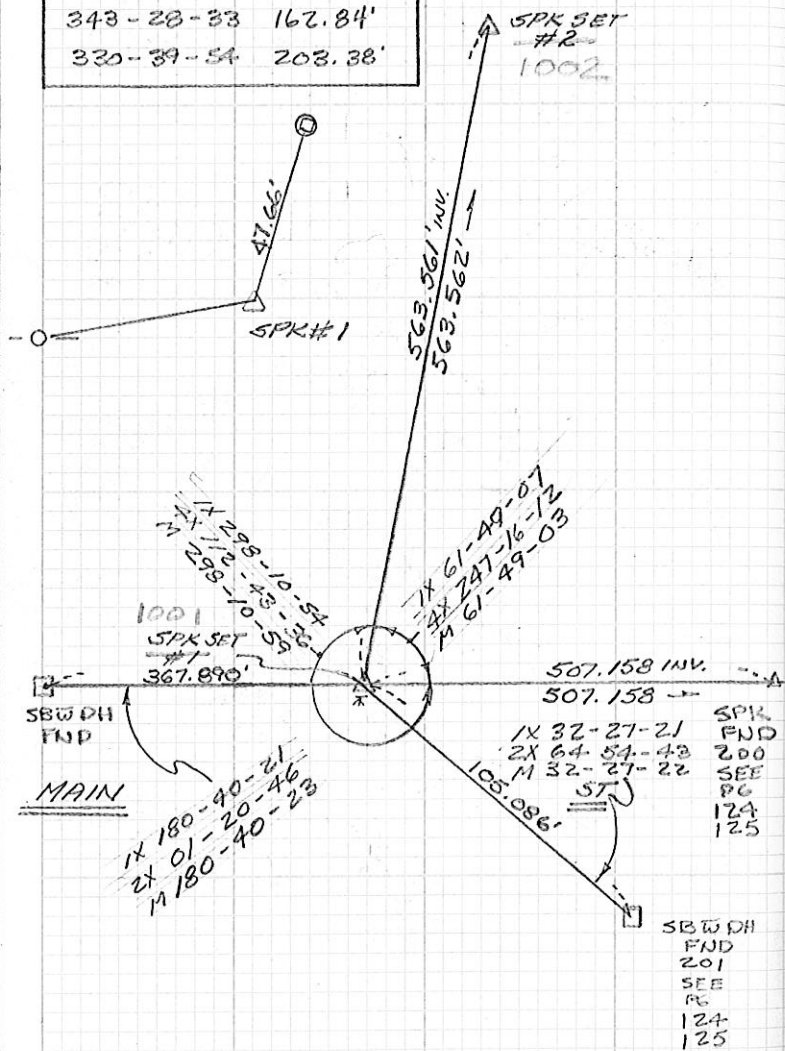
SET ON SPK #1 BS SPK 200

WALLS & LOCATIONS

357-20-56 142.05'

343-28-33 162.84'

320-39-54 203.38'



NORFOLK MA MAIN ST.

LEICA

803 EDM

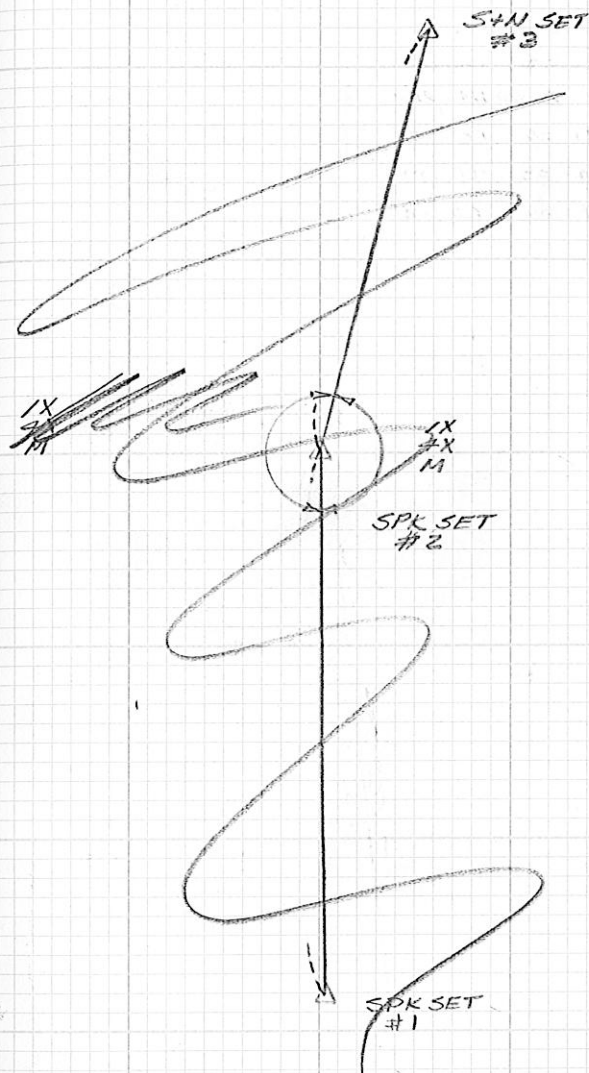
COOL SS

Date

Cross 27

11-18-09

KB KN



128 NORFOLK MA MAIN ST. F.B. 635

LEICA 803 EDM COOL 55 11-19-09 KB

A BUILDING COR WALL SETON SPK #2 RS #1

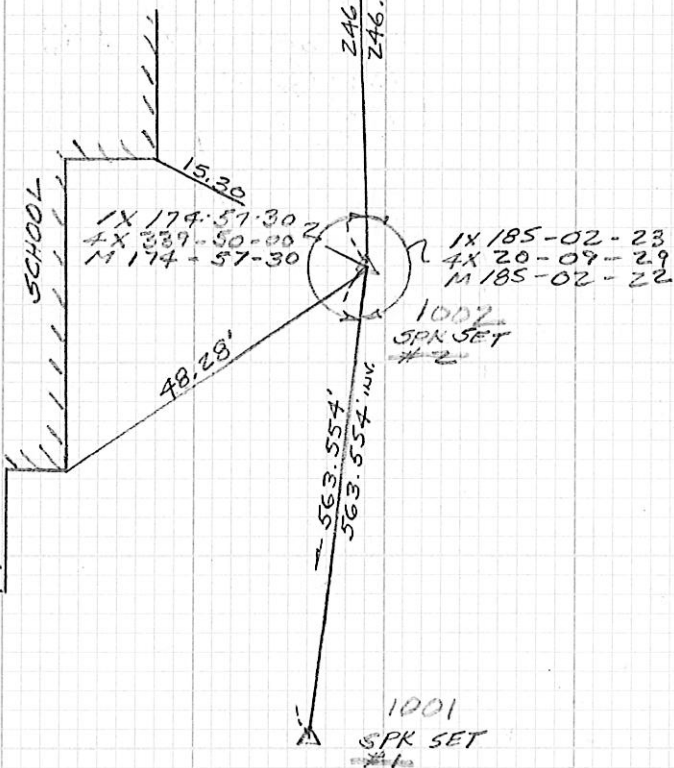
WALLS

329-23-02 150.29'
320-12-34 111.25'
285-51-28 65.26'
230-17-53 71.03'
194-06-00 168.84'

SIN SET
#2
1003

246.797' INV.
246.797'

H. OLIVE DAY SCHOOL



BLG COR

16-00-53 72.88'
22-56-12 48.26'
99-29-51 15.28'

LEICA

Tape

Wthr & Temp

Date

Cry 129

LEICA
803

EDM

COOL 55

11-19-09

KB
RJ

1004
SIN SET #4

144.005'
144.006' INV.

1X 236-55-53
4X 227-43-20
M 236-55-50

1003
SIN SET
#3

1X 123-04-03
4X 132-16-19
M 123-04-05

WALLS

BEND

209-38-33 115.01'
222-36-39 69.98' BEND
262-39-19 50.256' DH
315-04-26 77.31'



BLG COR

59-38-51 92.27'
70-33-42 131.93'
72-15-11 277.02'

130 H. OLIVE DAY SCH. NORFOLK
F.B. 635 SOKIA EDM CLOUDY 50° 11-19-09 KB
AUTO LEVEL 11-20-09 KN
LEVEL RUN

DIST	+	HI	-	DIST	ELEV.
					224.00
54'	4.21	228.21	5.12	54'	223.09
89'	4.16	227.25	3.29	84'	223.96
164'	8.96	232.92	6.42	140'	226.50
84'	6.26	232.76	4.14	62'	228.62
124'	4.81	232.93	9.45	112'	223.48
24'	5.04	228.52	4.63	18'	223.89
75'	1.75	225.64	1.67	57'	223.97
31'	2.79	226.76	2.76	32'	224.00
43'	3.62	227.62	5.16	36'	222.46
40'	4.28	226.74	5.62	37'	221.12
25'	5.26	226.38	2.87	30'	224.01

PEG TEST

DIST	+	HI	-	DIST	ELEV.
					100.00
39'	4.03	104.03	4.67	88'	99.36
60'	4.45	103.81	3.81	67'	100.00

met Tape Wthr & Temp Date Cbox 31
SOKIA EDM CLOUDY 50 11-19-09 KB
AUTO LEVEL 11-20-09 KN

REMARKS

FINISH FLOOR PROP. ELEVATION DOOR #6 EL 224.0
SPK SET #2 SEE PG 128
RIGHT OUTER COR. CONCRETE PLATFORM DOOR #9
S+N SET #3 SEE PG 129
S+N SET #4 SEE PG 129
CORN RT TOP CONC STEP #10 DOOR
LT OUTER COR OF CONC PLATFORM DOOR #11
RT OUTER COR. CONCRETE PLATFORM DOOR #9
FINISH FLOOR PROP. ELEVATION DOOR #6 EL 224.0
SEPTIC SYSTEM MH RIM EL. 222.46
SEPTIC SYSTEM MH RIM EL. 221.12
FINISH FLOOR PROP. ELEVATION DOOR #6 EL 224.0

* SEE AS-BUILT SEPTIC PLAN

H. OLIVE DAY SCHOOL

NORFOLK MA.

BY GLM ENGINEERING CONSULTANTS

DATED JAN 6, 1994.

CIN ENV. # 993

132

Inst

Tape

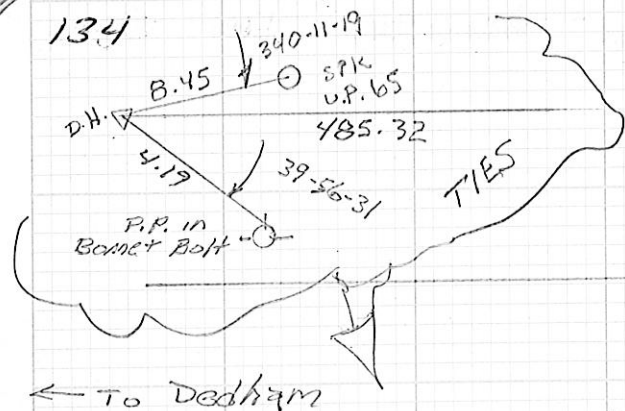
Wthr & Temp

Date

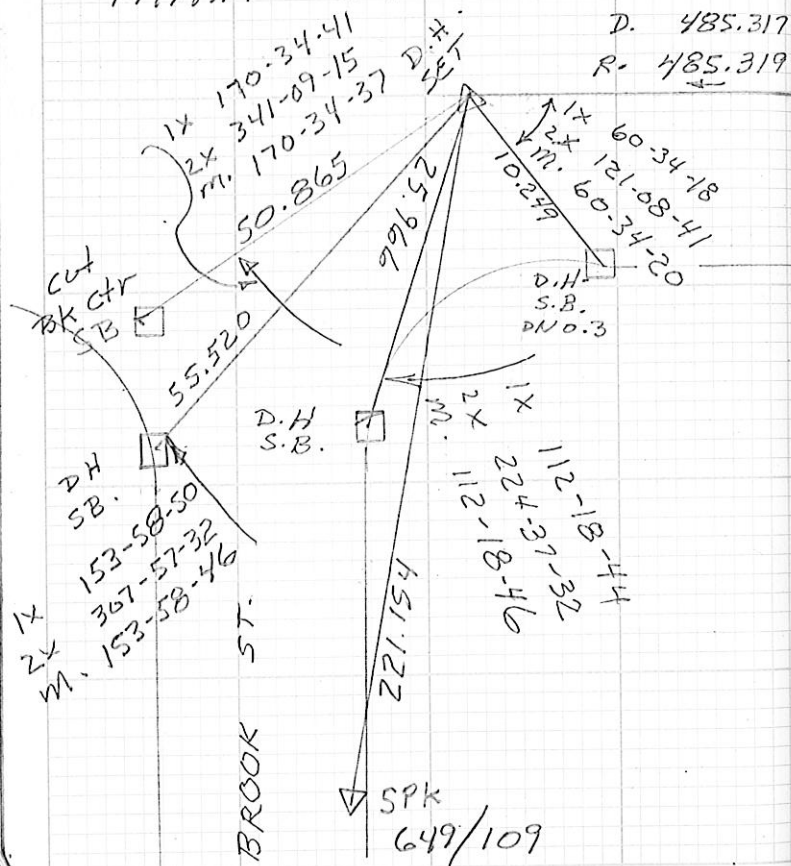
Oct 33

134

F.B. 635



MAIN ST



MEDFIELD

Wthr & Temp

Date

May 135

not TC

Tape

32

SUN

86

5-28-10

South St

M.

IX

IX

285-32-55

211-05-47

285-32-53

D.N.O.3

D.H. S.B.

57.183

MAIN ST

D.H. SET

IX 179-46-03

HX 359-04-15

M. 179-46-03

D. 382.453

R. 382.451

SPK SET

IX 180-13-55

HX 00-55-42

M. 180-13-55

D. 170.771

R. 170.769

IX

IX

M.

63-52-53

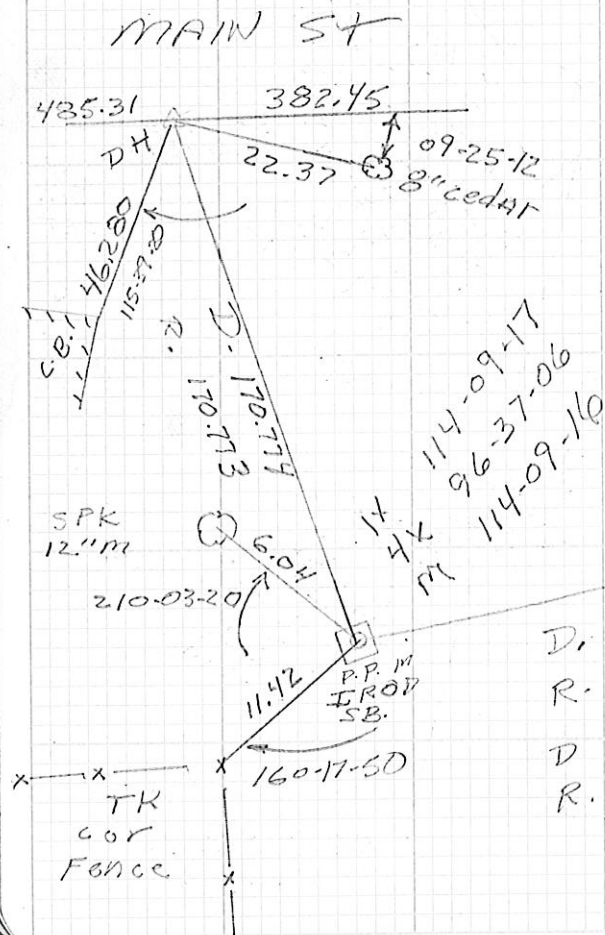
255-31-37

63-52-54

P.P. in I. Rod in S.B.

136
F.B. 635

MAIN ST MEDFIELD

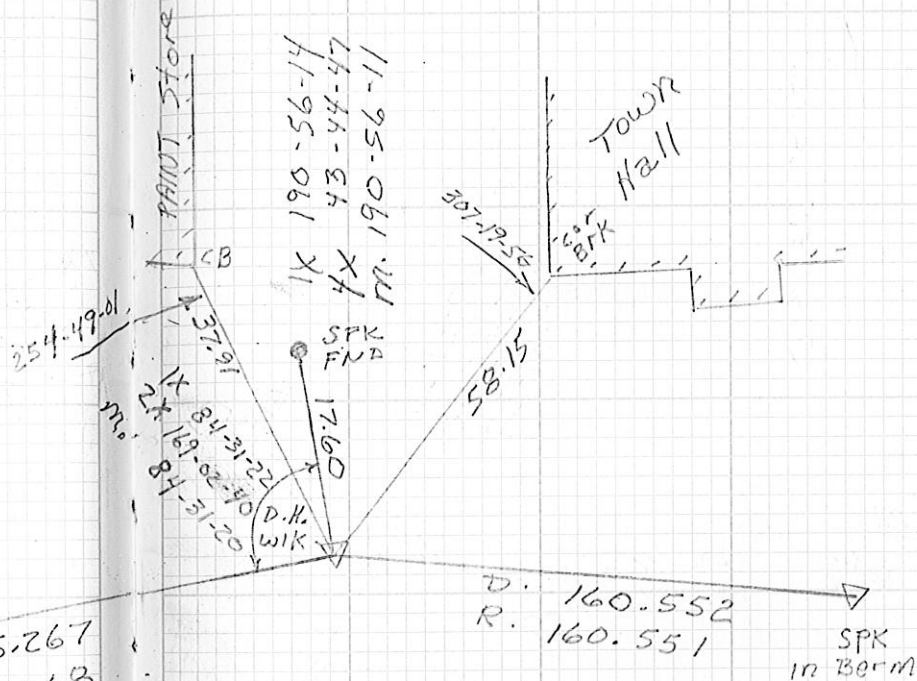


D. 145.267
R. 145.268
D. 145.270
R. 145.271

med Tape Wthr & Temp Date

Jones Ave

37



MAIN ST MEDFIELD

main

D.H. 135
Pg. 135
△

D.	382.460
R.	382.461

JAMES AVE.

$\frac{1}{K}$
 $\frac{1}{4x}$
 $\frac{1}{m}$
 $\frac{1}{282.05-48}$
 $\frac{1}{160-31.27}$

145.27 A
D.H.
#100

D. 160.560
R. 160.559

SPK

59.20 ← 28-08-17

zeb. räs

JANES AVE.

past
- TC

Tape
32

Wthr & Temp

Date _____

Copy 39

Sub

80

6-1-10

66

D.H.

 KN

47-21-10

$$= 14.82$$

382.46

SPK 135
Pg. 103

TIES
12" OR

PK

$$\frac{201.02}{100}$$

✓ HK m. 133-05-57
172-23-49
133-05-57

~~D.R.~~

1x
4x
m. 57-24-33
229-37-57
57-24-29

27-31-53
59.63
K.O.
S.P.

D. 143.651
R. 143.656
D. 143.657
R. 143.659

D.A.
WIK
#102

91-38-01
67.130 SP

91-2
1.130
NORT D

140 MAIN ST MEDFIELD
F.B. 635

3 3
63-52-54
114-09-16
190-56-11
160-31-27
57-24-29
133-05-57

720 180 - 194

720 - 00 - 14

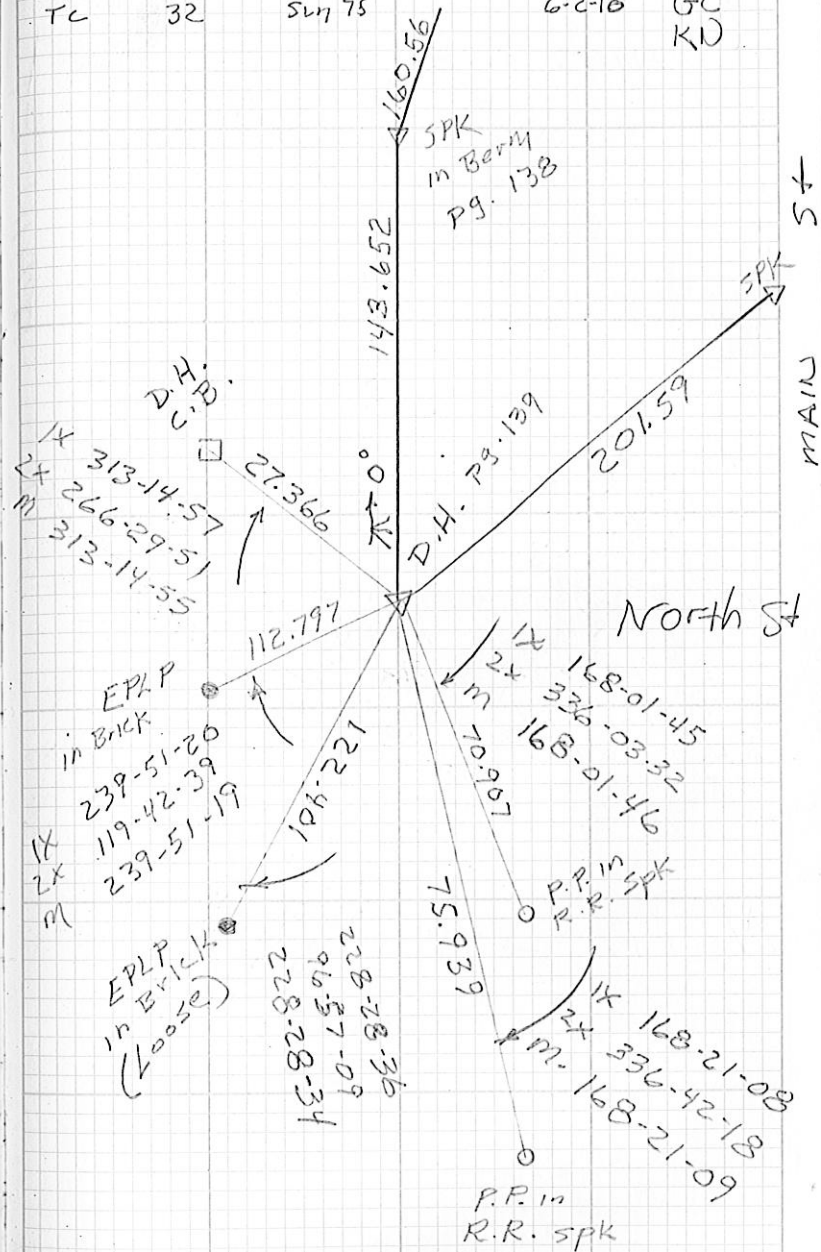
inst
TC

Tape
32

Wthr & Temp
Sun 75

Date
6-2-18

Obs
GC
KV



142
F.B. 635

MAIN ST MEDFIELD

JANES AVE

JANES AVE

160.56
SPK
IN FORM

143.652

MAIN ST

SPK

201.59

1x
2x
3x
90-20-53
01-23-31
90-20-52

D. 127.026
R. 127.027

D.H.
SET

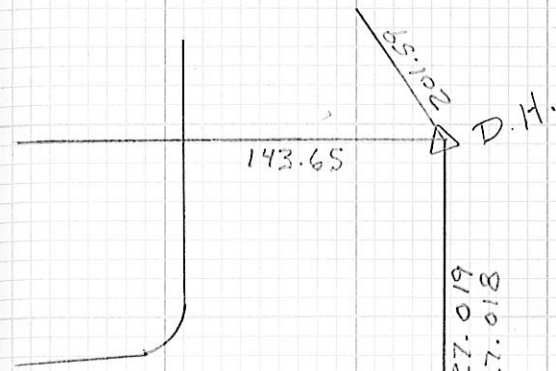
D.H.

1x
2x
3x
269-39-09
358-36-27
269-39-06

North St.

inst. Tape Wthr & Temp Date

Oct 143



JANES AVE.

EPLP

21.424

7.320

D.H.
(Bench)

1x 295-47-59
2x 231-35-45
M 295-47-52

1x 216-19-25
2x 72-38-58
M 216-19-29

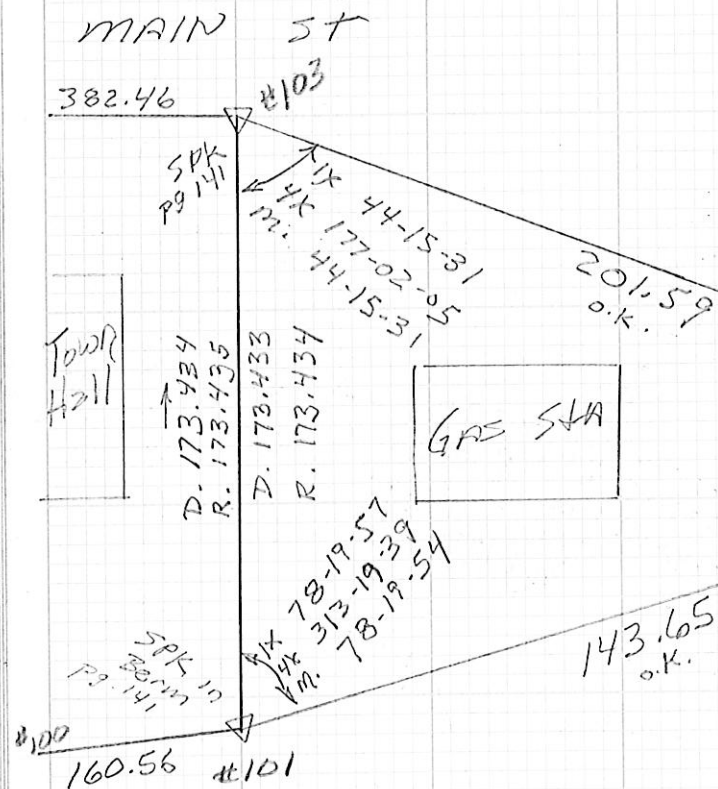
107.743

EPLP
in Gr Curb
@ BK WIK

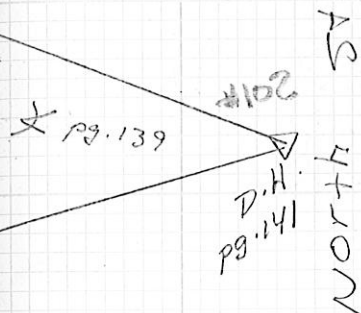
1x
2x
3x
183-02-10
06-04-15
183-02-07

North St

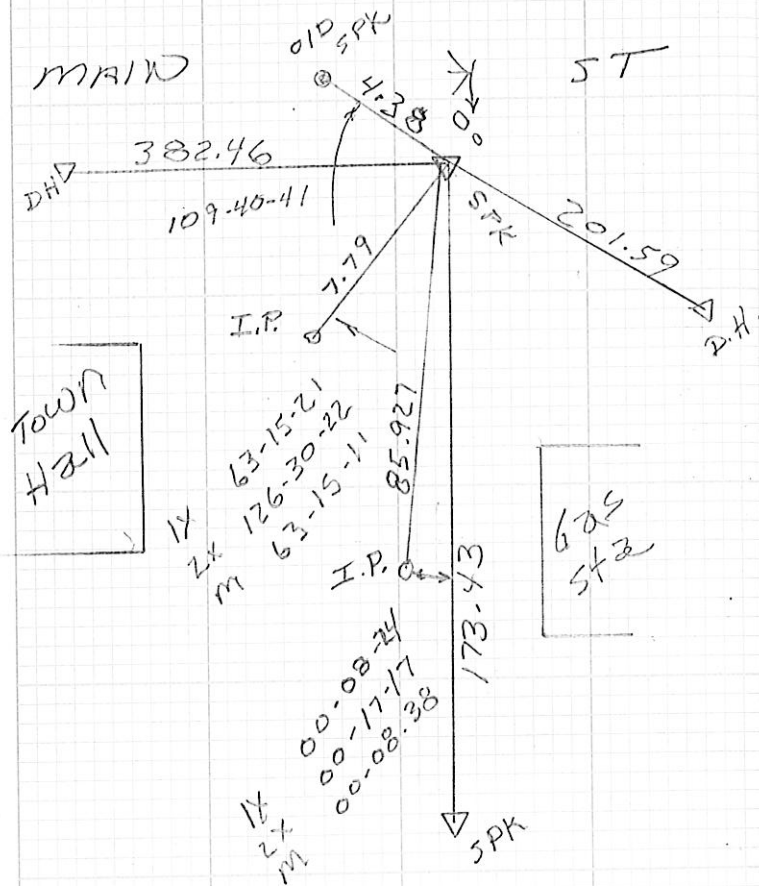
144 MAIN ST MEDFIELD
F.B. 635



inst TC Tape 32 Wthr & Temp SUN 75 Date 6-2-10 Croy 145 GG KN



146 MAIN ST MEDFIELD
F.B. 635



rest Tape Wthr & Temp Date Cn 447

148

MIDFIELD

F.B. 635

STA & OFF	DIST	+	H I	-	DIST	ELEV
		PEG	TEST			
	102'	4.54	104.54			100.00
	75'	5.00	104.11	5.43	105'	99.11
				4.12	130'	99.99
+ S H I J O N	79'	2.86	191.33			
	139'	1.73	186.12	6.94	92'	184.39
	180'	6.00	183.48	8.64	149'	177.48
	43'	4.64	184.87	3.25	174'	180.23
	44'	4.31	185.80	3.38	32'	181.49
X	126'	7.44	188.85	4.39	35'	181.41
main st X	87'	5.09	190.29	3.65	100'	185.20
X	59'	2.51	188.91	3.89	73'	186.40
JANES AVE X	92'	2.30	183.46	7.75	44'	181.16
	82'	5.45	184.28	4.63	89'	178.83
	34'	4.52	185.87	2.93	66'	181.35
	158'	3.52	185.03	4.36	43'	181.51
NORTH	210'	6.79	184.71	7.11	143'	177.92
	105'	7.84	191.37	1.18	197'	183.53
				2.89	84'	188.48
End						

Inst

Digital

Tape

Roll

Wthr & Temp

cldy

70

Date

6-3-10

Obs

GL

KN

447

DESC.

Rock

Rock

Rock

B.M. = L.O.C. Bot. Stone Step to Hse #71
(188.47) from County L.O. 344-2 North St

Step brick
Gr Curb

D.H. @ Janes Ave pg. 143

B.M. = L.O.C. Conc Plat to #21 North
(old post office)

D.H. #102

SPK #103 (main st)

T.P.

D.H. #100 Janes Ave

SPK #101 (Park lot Berm)

T.P.

B.M. = Above L.O.C. Conc Plat to #21
(181.49)

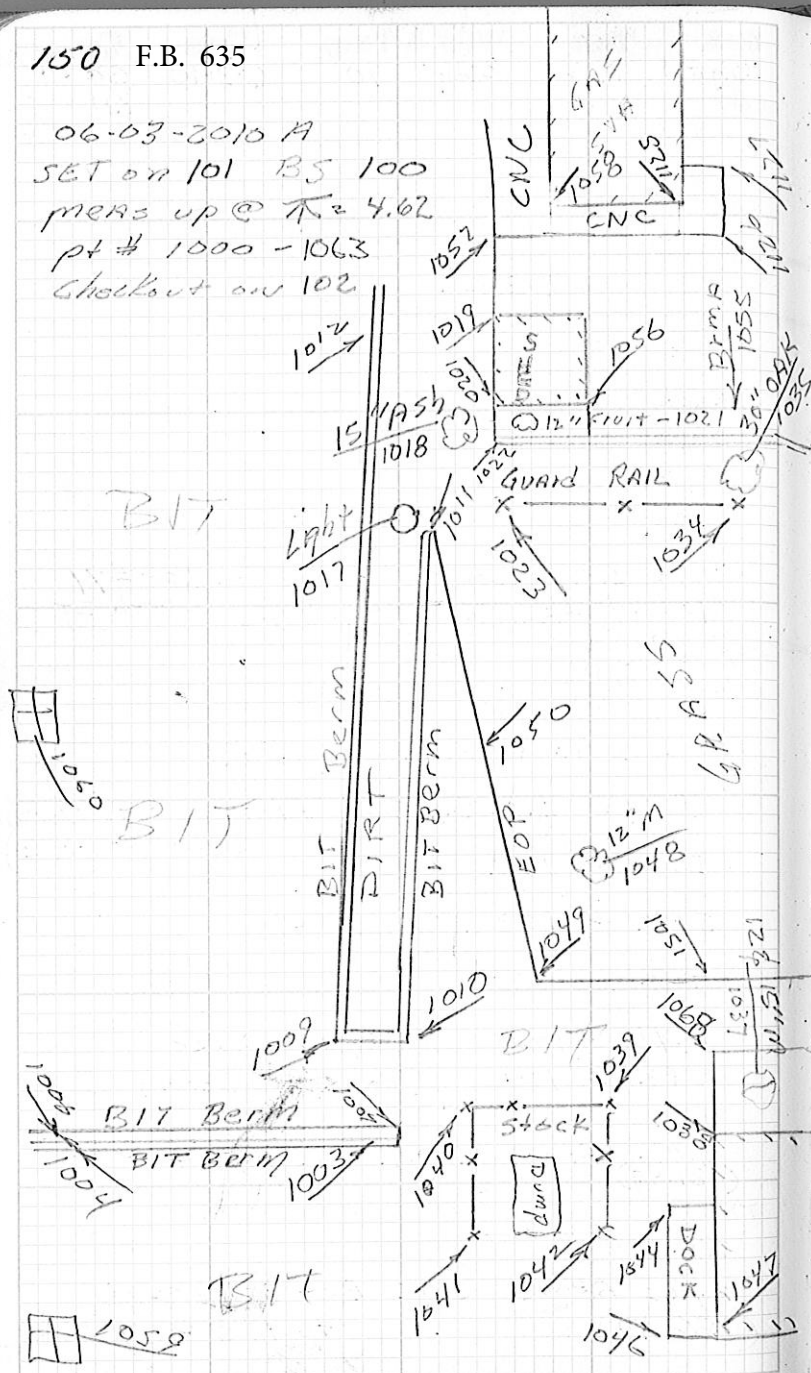
TP

T.P.

B.M. = Above L.O.C. Bot Stone Step
(188.47) to Hse #71 North St

150 F.B. 635

06-03-2010 A
SET on 101 BS 100
MARS up @ $\pi = 4.62$
pt # 1000-1063
Checkout on 102



Inst

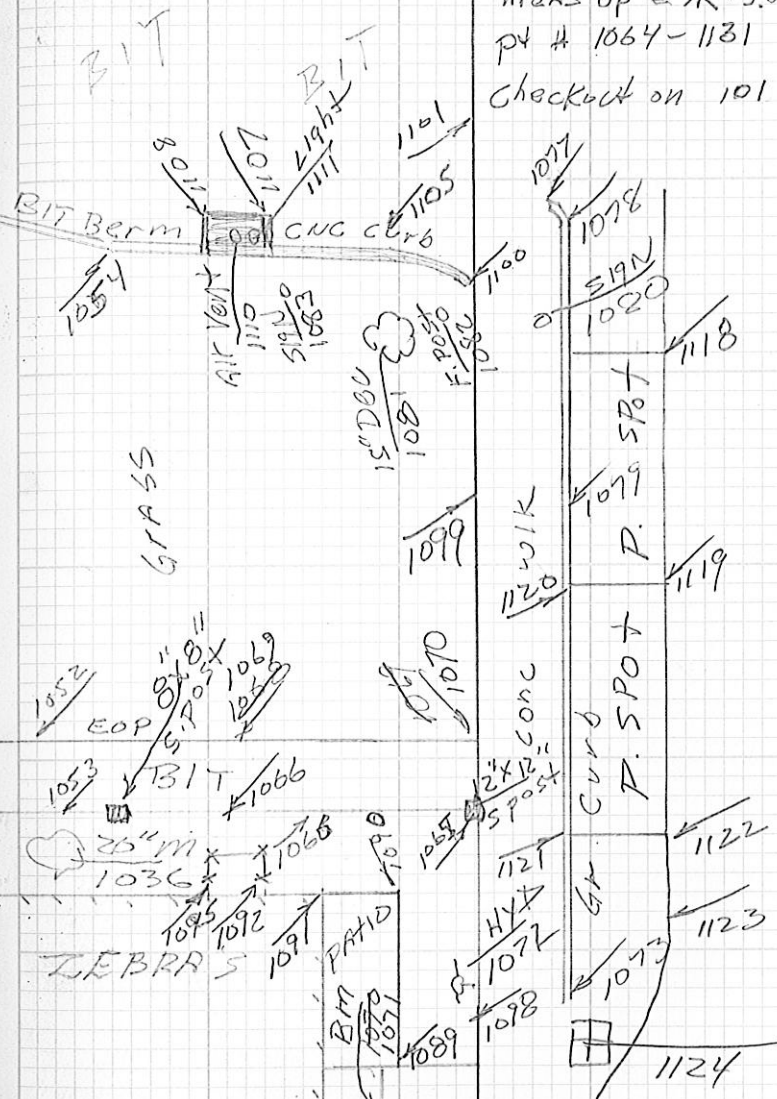
Type

Wthr & Temp

Date

Chgs

06-27-2010 A
SET on 102 BS 103
MARS up @ $\pi = 5.04$
pt # 1064-1131
Checkout on 101



152

est.

Tape

Wthr & Temp

Date

Qrtr

153

154

Inst

Tape

Wthr & Temp

Date

Obs 155

156

inst

Tape

Wthr & Temp

Date

Oct 15 '7

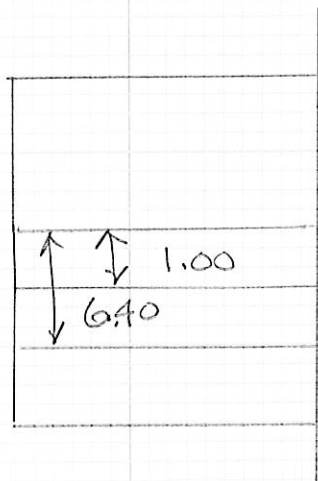
158 CITY MILLS DAM

10-27-2008

F.B. 635

JM
DS

TOP DAM
4.75'
↓
TOP CHANNEL
TOP SPILLWAY
BOTTOM SPILLWAY
↓
TOE 9.85



MAIN ST

rest

Tape

Wthr & Temp

Date

Oct 5-9

160

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