

91
NORFOLK COUNTY

ENGINEERS DEPT.

No. 391

F.B. 391

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

1-781-461-6128

INDEX PAGE

Wollaston Golf Course

[illegible]

002

BENCHMARKS

FIELD BOOK

391

STA. & OFF. ELEV. ADJ. ELEV.

+	H.I.	-	ELEV.	ADJ. ELEV.
1.59	18.03		16.44	
4.84	14.58	8.29	9.74	
6.95	16.41	5.12	9.46	
Call this B.M. #14				
See Pages 20 & 21				
6.99	22.42	0.98	15.43	
4.41	20.71	6.12	16.30	
4.20	18.89	6.02	14.69	
		5.22	13.67	13.68
			✓ PM	

OBTAINING ELEV. OF

+	H.I.	-	ELEV.	
4.12	13.58		9.46	TIDAL B.M. GATE
				SEE ABOVE
		11.8	1.78	ELEV. OF SMALL POND
				Call 1.8 12/20/74
		4.12	9.46	B.M. above
			✓ PM	

ENV. #681

WOLLASTON GOLF COURSE

003

Simpson
Prisco
Merithew

12/20/74

T = +0°

From D.P.W. Field Book # 21987 Pg. 80

B.M. Hse. #166 Granite Ave. L.O.C. L.C.S. (16.44)

T.P. Hi Point granite curb

B.M. Chis. Sq (found) S. Ely Cor. of the

top of the Conc. Tidal Gate on the Wly.

Side of Granite Ave. (See copy of Page 106 D.P.W. Field Book #21987)

T.P. Hi Point granite curb

IN ENV. 681

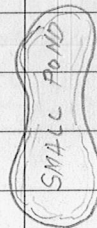
T.P. Hi Point granite curb

T.P. Hi Point granite curb @ Thistle Ave & Granite Ave.

B.M. Hse. #94 Granite Ave. R.O.C. L.C.S. (13.68)

From D.P.W. Field Book #21987 Pg. 80

SMALL POND ON GOLF COURSE



Wollaston Golf Course

NORTH

GRANITE AVE.

To Dorchester

004

WOLLASTON

391



Gran. Curb

Face of Cong.

2-steel
covers

36'

To Naposet River

Cong.
Tide
GateSee Pgs. 8 & 9
for elevs. in
this area

26.0

Note: This sketch drawn
Creek used

GOLF

COURSE

005

12/23/74



Simpson

Merithew

Call 0+0 for stations
on Creek

Gran. Curb

46' B.T. S.W.

0+26*

0+40* d. face
of Cong.
HeadwallWOOD
BRIDGE = #23*

CREEK

See Pgs. 6 & 7
for elevs. in this
area

S.M.H. + 0

S.T.W. +

GRANITE AVE.

to show stations on
for profile

006

WOLLASTON

+ 2.29

11.75

2" 30" C.I. Pipes
with steel grates to
prevent debris from
entering pipeWood Bridge
= 11.2311.440
0.911.1450
0.711.1240
0.7

11.82 INV.

0.07

2.37 Top Headwall

9.38

12.00 INV.

0.25

11.14 INV.

0.61

24" Corr. Pipe

3.60

8.15

RIM

5.14

9.26 - Top Pipe

1.83 22" Pipe

11.09

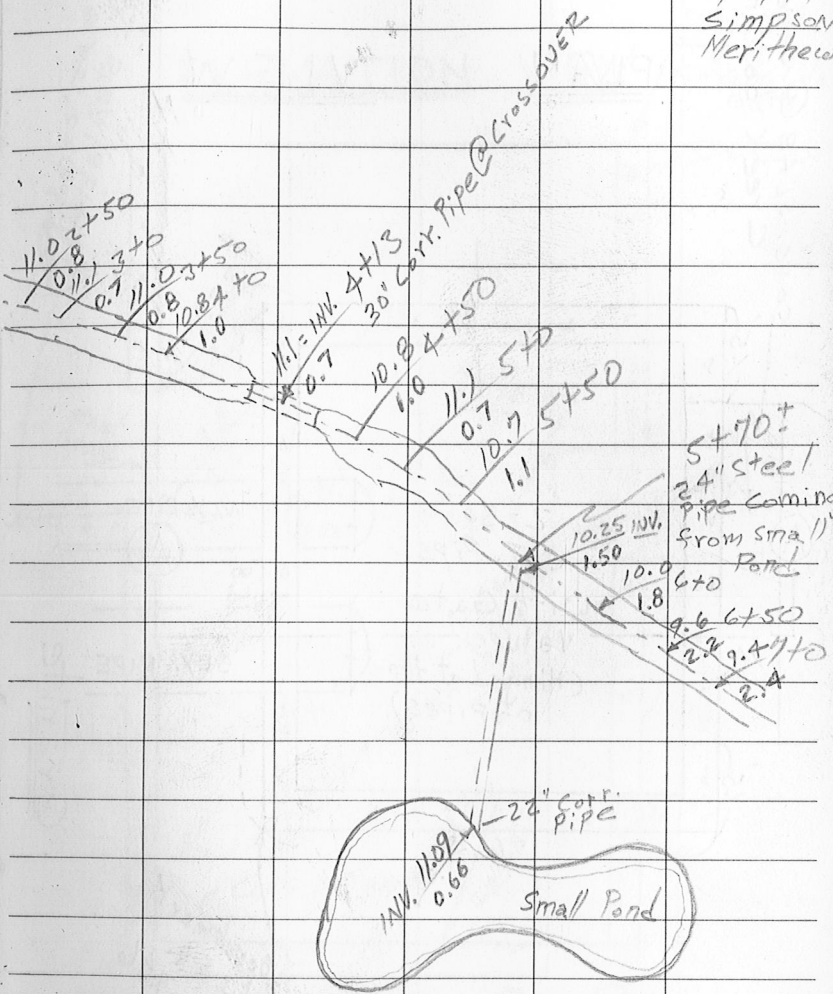
GOLF

COURSE

007

9.46 B.M. CHIS. SQ. ON TIDAL GATE

See Pgs. 2 & 3

12/23/74
Simpson
Merithew

- 2.29

9.46

B.M. above

✓ P.M.

(on conc. Tidal Gate)

008

WOLLASTON

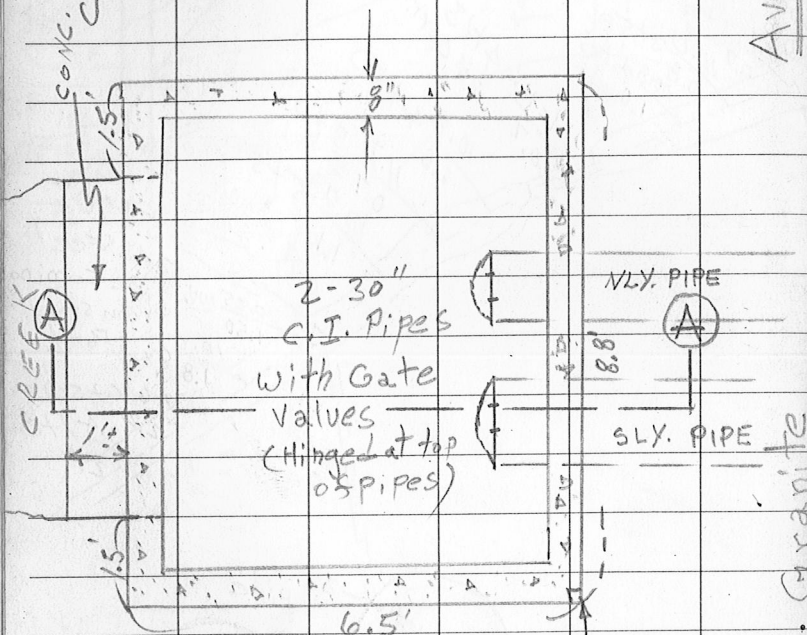
+ 0.47

9.93

9.46

PLANVIEW

Ave.



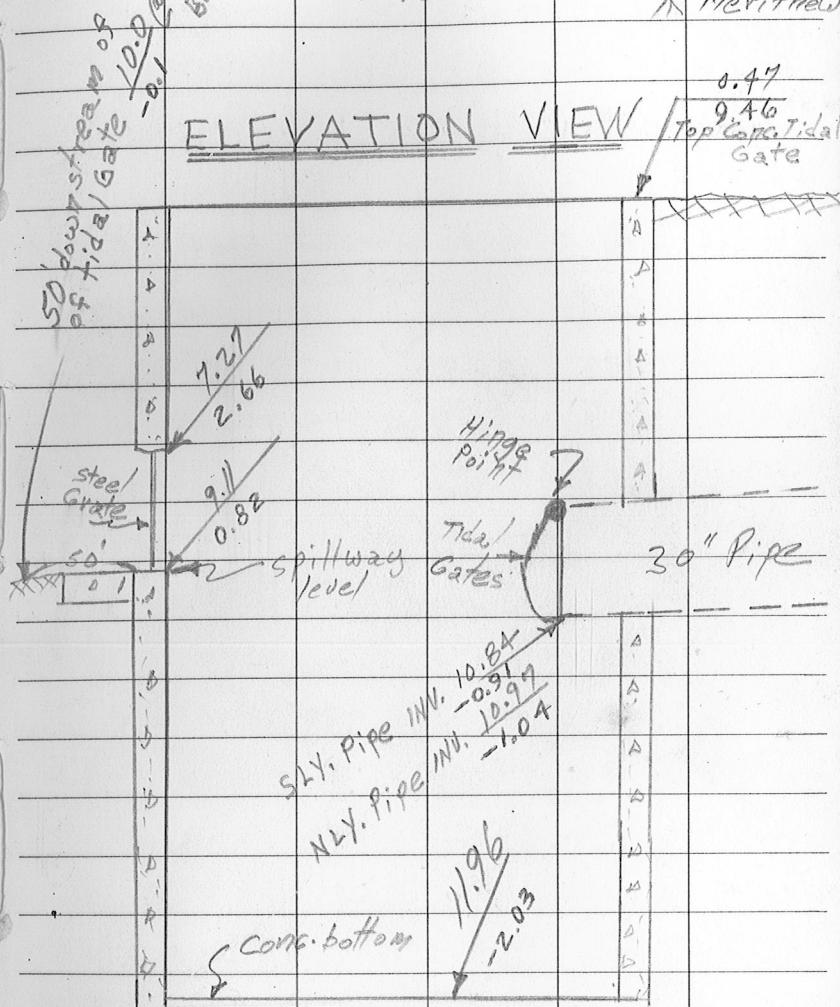
GOLF

COURSE

009

12/23/74

B.M.

CHIS. S.R. ON
TIDAL GATESimpson
MerithewELEVATION VIEW

SECTION A-A

- 0.47

9.46 B.M. ON Tidal Gate
✓ PM

010

391

Inst.

Tape

Wthr & Temp.

Date

Crew

011

Inst.

Tape

Wthr & Temp.

Date

Crew

012

WOLLASTON

Bench run from B.M. on Hse. #94
Granite Ave. to U.S.C. & G.S. A 34
Dorchester, on Gallivan Boulevard

sta. + off.	+	H.I.	-	Elev.	Adj. Elev.
	5.28	18.96		13.68	
	3.85	15.44	7.37	11.59	
	3.63	18.26	0.81	14.63	
	2.74	16.67	4.33	13.93	
	1.51	14.18	4.00	12.67	
	7.47	20.37	1.28	12.90	
	1.85	16.47	5.75	14.62	
	7.97	23.47	0.97	15.50	
	9.48	29.85	3.10	20.37	
	6.91	35.33	1.43	28.42	
	6.09	40.28	1.14	34.19	
	3.51	36.36	7.43	32.85	
	1.99	31.66	6.69	29.67	
			5.53	26.13	

GOLF COURSE 013

See Pgs. 2 & 3
which is located in
rd under the M.T.A. tracks

12/26/74
T = 30°
4" S 10° W

Simson
Merithew
Genitti

Remarks

B.M. Hse. #94 Granite Ave. (See description Pg. 3)

T.P. Hi Point gran. curb. Granite Ave.

T.P. Hyd. Spindle Ely. side Granite Ave. 300' S.W. of Expressway

T.P. Hi Point gran. curb Granite Ave.

T.P. Metal Guard rail post

T.P. Hi Point D.P.W. Conc. Marker sta. 24 to Granite Ave. @ Barney & Carey's

B.M. A D.P.W. disk in the NW cor. Bridge abutment on the Drawbridge over the Neponset River (Granite Ave.)

T.P. Hi Point gran. curb (in Dorchester)

T.P. Hi Point gran. curb @ Granite Ave. & Milton St. (Dorchester)

T.P. Front Flange Bolt on Hyd. 3' above Conc. s.w. front of #92 Milton St.

T.P. Hi Point gran. curb Milton St.

T.P. spk. Tel. Pole 99.5' off Hse. #36 Milton St.

T.P. Hi Point gran. curb @ Milton St. & Rangeley St.

T.P. Hyd. Spindle front of Hse. #27-29 Rangeley St.

✓ LJB
1-3-75

014

391 WOLLASTON

Benchrun (con't.)

sta. & off.

+

H.I.

-

Elev.

0.92

27.05

26.13

0.06

22.04

5.07

21.98

4.84

17.20

17.21

Note: Therefore the
are on the

GOLFCOURSE

015

12/26/74

T.P. Hyd. Spindle (from bot. Pg. 12)

T.P. Hyd. Spindle front of Hse. #409 Gallivan Blvd.

A USC & G.S. Disk (A 34) in Dorchester
on Gallivan Blvd. set vertically in the
conc. abut. under the M.T.A. tracks

Elev. = 17.21

v L. J.B.
1-3-75

B.M.'s on Pages 2 & 3

U.S.C. & G.S. system

Envelope #681

016

391

WOLLASTON

GOLF

COURSE

017

12/27/74

PERIMETERBENCHMARKS

	+	H.I.	—	Elev.	Adj. Elev.
B.M. #1	5.28	18.96		13.68	
	5.82	20.57	4.21	14.75	
B.M. #2	5.56	22.47	3.66	16.91	
	8.14	29.01	1.60	20.87	
B.M. #3	0.33	26.72	2.62	26.39	
	3.67	23.98	6.41	20.31	
B.M. #4	2.85	18.83	8.00	15.98	
	4.60	17.16	6.27	12.56	
	3.87	17.22	3.81	13.35	
B.M. #5	4.62	16.54	5.30	11.92	
	3.98	15.98	4.54	12.00	
	10.06	17.71	8.33	7.65	
B.M. #6	7.35	22.47	2.59	15.12	
	7.44	27.38	2.53	19.94	
	8.10	34.07	1.41	25.97	
			0.52	33.55	

Simpson
Land
Genitti
Kelly

Remarks

B.M. Hse. #94 Granite Ave (see mid. of pg. 3)

T.P. Hi-Point gran. curb @ Thistle Ave. & Granite Ave.

B.M. Horizontal Spk. in 3-18" Maples up 2'±

T.P. Vert. spk. in Bit. Road on Golf Course

B.M. Horizontal Spk. in a 14" Maple up 1'±

T.P. Vert. spk. in Bit. Road on Golf Course

B.M. Vert. R.R. Spk. in clump of 4-20" Trees

T.P. Top stk. on Golf Course

T.P. Top stk. on Golf Course

B.M. Horizontal spk. in a 14" Oak up 1'±

T.P. top stk. on Golf Course

T.P. Hi-Point of rock @ edge of Pond

B.M. Horizontal spk. in a 30" Oak up 1'± (down hill side)

T.P. top stk. on Golf Course

T.P. X-cut on Rim of S.M.H.

T.P. top stk. on Golf Course

✓ LJB
1-3-75

018

391

WOLLASTONPERIMETER BENCHMARKS *cont.*

	+	H.I.	-	Elev.	Adj. Elev.
	11.59	45.14		33.55	
	9.79	54.53	0.40	44.74	
B.M. #7	11.40	62.19	3.74	50.79	
	1.12	58.16	5.15	57.04	
	7.11	59.38	5.89	52.27	
	6.89	64.29	1.98	57.40	
B.M. #8	3.89	64.00	4.18	60.11	
	4.05	65.69	2.36	61.64	
B.M. #9	2.18	60.82	7.05	58.64	
B.M. #10	5.37	62.58	3.61	57.21	
	0.96	52.15	11.39	51.19	
	0.94	41.26	11.83	40.32	
B.M. #11	0.77	30.85	11.18	30.08	
	0.79	21.28	10.36	20.49	
	0.75	11.45	10.58	10.70	
	8.57	13.47	6.55	4.90	
B.M. #12			1.78	11.69	

GOLF COURSE

12/27/74

Remarks

T.P. Top stK. on Golf Course (from bot. pg. 16)
T.P. spK. in bit. Parking Area (behind Maintenance Bldg.)
B.M. Horizontal / R.R. spK. in 30" tree (behind Maintenance Bldg.)
T.P. SpK. in Pole #9 Evans St.
T.P. front flange bolt Hydrant on Evans St. @ Ruthven St.
T.P. Hi-Point gran. curb Evans St.
B.M. R.O.C. Brick platform to Hse. #116 Evans St.
T.P. spK. in pole #41 West Squantum St.
B.M. R.O.C. Conc. Platf. to Hse. #346 West Squantum St.
B.M. R.O.C. Bottom brick step to Hse. #368 West Squantum St.
T.P. Hi-Point gran. curb West Squantum St.
T.P. Hi-Point gran. curb West Squantum St.
B.M. chis. Sq. in end of conc. Ret wall. opp. Clement Ter.
T.P. Top stK. in Golf Course
T.P. Top stK. in Golf Course
T.P. Top stK. in Golf Course
B.M. Vert. spK. in 48" Oak

✓ L.J.B.
1-3-75

020/
391

WOLLASTON

PERIMETER

	+	H.I.	-	Elev.
B.M. #12	0.61	12.30		11.69
	4.62	8.14	8.78	3.52
	11.42	18.60	0.96	7.18
B.M. #13			2.18	16.42 16.44

B.M. #14

9.46

GOLF

COURSE

021

BENCHMARKS

cont.

B.M. #12 (from bot. of pg. 18)

T.P. top stk. in Golf Course

T.P. top stk. in Golf Course

B.M. Hse. #166 Granite Ave. (See Pgs. 2 & 3) Elev. (16.44)

✓ LJB
1-3-75

B.M. chis. Sq. (found) S.E. ly cor. of the
top of the Conc. Tidal Gate on the
WLY. Side of Granite Ave.

See Pages 2+3

022

NORFOLK COUNTY

WOLASTON

RECREATION FACILITY

023

391

024

391 NORFOLK COUNTY WOLLASTON

Setting Benchmarks on Golf
designated by Designer

+	H.I.	-	Elev.	Adj. Elev.
5.54	15.00		9.46	

B.M. #15

5.69 9.31

Check Run on the above

5.40 14.86 9.46

5.55 9.31

1.21 17.65 16.44

B.M. #16

11.79 5.86

(see check run next page)

025

RECREATION FACILITY

3/3/75

Course at or near points
on stake out plan

Simpson
Genitti
Leone

Remarks

B.M. #14 chis. sq. S. ELY. cor of the
top of the conc. tidal gate on the
WLY. side of Granite Ave. Page 20 & 21
B.M. chis. sq. (set) on the S. ELY
cor. of the conc. headwall on the ELY.
side of Granite Ave.

B.M. #14

B.M. #15

B.M. #13 Pgs. 20 & 21 B.M. I.D.C. L.C.S. to
House #166 Granite Ave.

B.M. a horizontal R.R. spike set in a
10" cherry tree at rear of Hse. #166
Granite Ave. and 2' off the chain
link fence on the perimeter of the Golf
course.

✓A.L.
3/20/75

026/391

NORFOLK COUNTY WOLLASTON

(Setting B.M.'s on
check run

+ H.I. - Elev. Adj. Elev.

1.18 17.62 16.44

11.77 5.85 Use 5.86

4.50 21.41 16.91

B.M. #17 2.63 18.78

check run

3.69 20.60 16.91

1.82 18.78

4.22 30.61 26.39

10.90 41.16 0.35 30.26

11.39 51.61 0.94 40.22

11.00 62.37 0.24 51.37

10.77 71.70 1.44 60.93

027

RECREATION FACILITY

3/3/75

Golf Course Cont.)

Remarks

B.M. #13 Pg. 20 & 21

B.M. #16

B.M. #2 Pages 16 & 17 Horizontal spike
in 3-10" Maples up 2'±B.M. a vert. R.R. spike set in 3-10"
cherry trees 5'-1' ELY. of the perimeter
chain link fence near the N.W. ly. Cor.
of the Golf Course

B.M. #2

B.M. #17

B.M. #3 Horizontal spike in a 14" Maple
up 1'± Pages 16 & 17

T.P. Top stk. on Fairway

T.P. Top stk. on Fairway

T.P. Top stk. on Fairway

T.P. Hi-Point Boulder

VAL
3/20/75

028/391

NORFOLK COUNTY WOLLASTON

(setting B.M.'s on

+

H.I.

-

Elev.

Adj. Elev.

71.70

11.09 82.35 0.44 71.26

10.88 93.01 0.22 82.13

5.24 96.80 1.45 91.56

B.M. #18 1.42 94.74 3.48 93.32

1.27 89.45 6.56 88.18

B.M. #19 0.81 82.20 8.06 81.39

3.23 74.88 10.55 71.65

0.25 69.53 5.60 69.28

4.98 64.45 10.06 59.47

6.62 66.90 4.17 60.28

B.M. #20 7.03 66.55 7.38 59.52

B.M. #10 9.36 57.19 57.21

029

RECREATION FACILITY

3/4/75

Golf Course Con't.)

SIMPSON
Merithew
Leone

Remarks

T.P. top stk. on Fairway

T.P. Top stk. on Fairway

T.P. Top stk. on Fairway

B.M. Brass Disk in Conc. Mon. set flush
with the ground. A city of Quincy control
survey monument. Dated 1940 and
stamped GOLF.

T.P. top stk. on Fairway

B.M. a vertical R.R. spike set in a 16"
Elm tree

T.P. Hi-Point ledge

T.P. spk. in crotch of 3-16" trees

T.P. Hi-Point conc. base

T.P. top stk.

B.M. a horizontal R.R. spike set in a
10" Pine tree

B.M. R.O.C. Bottom Brick step to Hse.

#368 West Squantum St. See pgs. 18+19 3/24/75

030/391

031

NORFOLK COUNTY WOLLASTON

RECREATION FACILITY

3/12/75

	+	M.I. (setting)	-	Elev. B.M.'s on	Adj Elev.
B.M.#4	7.82	23.80		15.98	
	11.70	35.02	0.48	23.32	
	10.63	45.61	0.04	34.98	
	10.26	55.58	0.29	45.32	
	6.20	61.68	0.10	55.48	
B.M.#21	10.14	71.14	0.68	61.00	
	1.80	63.37	9.57	61.57	
B.M.#22	11.49	64.40	10.46	52.91	
B.M.#23	0.26	58.45	6.21	58.19	
	4.86	52.45	10.86	47.59	
B.M.#24	10.46	55.51	7.40	45.05	
	11.41	66.80	0.12	55.39	
	6.20	70.83	2.17	64.63	
B.M.#25	1.41	69.57	2.67	68.16	

Golf Course (cont.)

B.M. Vert. R.R. spike in clump of

4-20" trees See pages 169/17

T.P. top stk. on edge of Fairway

T.P. top stk. on edge of Fairway

T.P. top stk. on rough

T.P. top stk. on edge of Fairway

B.M. a vert. R.R. spike set in the

root of a 20" Elm tree

T.P. top stk. on rough

B.M. a horizontal R.R. spike set in a

16" Maple tree

B.M. Hi-Point on Granite Post along row

of trees between old 15th & 17th Fairways

T.P. top stk. along Fairway

B.M. a vert. R.R. spike set in a 20" cherry tree

T.P. top stk. on Fairway

T.P. top stk. near club house

B.M. a vert. R.R. spike in the root of a 30"

Oak tree in front of the Pro-Shop

A.L.
3/20/75

032/391

NORFOLK COUNTY WOLLASTON

+ H.I. — Elev.

69.57 From bot.
Pg. 130

1.05 61.09 9.53 60.04

3.08 53.61 10.56 50.53

B.M. #7 2.82 50.79 50.79

B.M. #7 2.31 53.10 50.79

10.96 63.97 0.09 53.01

8.50 70.55 1.92 62.05

1.83 61.93 10.45 60.10

2.91 54.14 10.70 51.23

B.M. #26 6.71 55.21 5.64 48.50

10.03 57.93 7.31 47.90

11.15 68.40 0.68 57.25

B.M. #27 2.77 69.87 1.30 67.10

033

RECREATION FACILITY

Remarks

3/13/75

Simpson
Leone

T.P. top stk. at edge of Bit. Parking Area

T.P. top Conc. base rear of Maintenance Bldg.

B.M. Horizontal R.R. spk. in 30" tree

behind Maintenance Bldg. (50.79)

See Pages 18 & 19

B.M. above

T.P. top stk. at edge of parking lot

T.P. top stk. at edge of Fairway

T.P. top stk. in Fairway

T.P. top stk. along edge of Fairway

B.M. a horizontal R.R. spike set in
a 16" Oak tree

T.P. top stk. on Fairway

T.P. top stk. on Fairway

B.M. a horizontal R.R. spike set in a

42" Elm tree

A.L.

3/20/75

034

NORFOLK COUNTY

391

(Setting B.M.'s

+

H.I.

—

Elev.

Adj. Elev.

69.87

(Cont. from bot. Pg. 32)

2.09

63.01

8.95

60.92

B.M. #9

4.37

58.64

B.M. #4

2.99

18.97

15.98

4.52

17.33

6.16

12.81

B.M. #28

4.94

17.29

4.98

12.35

3.75

16.57

4.47

12.82

B.M. #5

4.64

11.93

11.92

B.M. #11

0.39

30.47

30.08

0.36

20.12

10.71

19.76

035

WOLLASTON RECREATION

FACILITY

on Golf Course (cont.)

Remarks

T.P. top stk on Rough

B.M. R.O.C. Conc. Platf. to House #

346 West Squantum St.

See Pages 18+19 Elev. = 58.64

B.M. a vert. R.R. spike in 4-20" trees Pgs. 16+17

T.P. top stk along edge of Fairway

B.M. a chis. Sp. set in a stone near Gate
on N.W. side of Golf Course and 4.5' S.W. of
the chain link fence

T.P. top rock in road

B.M. Horizontal spike in 14" Oak

Pages 16+17 Elev. = 11.92

T.P. top of stk.

K.L.
3/20/78

036/291

NORFOLK COUNTY WOLLASTON

RECREATION

FACILITY

037

	+	H.I.	-	Elev.	Adj. Elev.
		20.12	(from bot. B. 34)		
B.M. #29	1.04	12.80	8.36	11.76	
	5.44	9.62	8.62	4.18	
	6.06	13.01	2.67	6.95	
B.M. #12			1.30	11.71	11.69

Setting an additional B.M.
Aug. 22, 1975

Simpson
Alfano
Beyer

	+	H.I.	-	Elev.	Adj. Elev.
	2.03	95.35		93.32	
	0.25	84.64	10.96	84.39	
	0.60	74.62	10.62	74.02	
	6.62	73.88	7.36	67.26	
	11.88	83.69	2.07	71.81	
			2.30	81.39	

Remarks

B.M. a vert. R.R. spike set in the root
of two 14" Black Birch trees

T.P. top stk. on Rough

T.P. top stk. on Rough

B.M. Vert. spk. in 48" Oak tree Pgs. 18 & 19

Near 3D1

Remarks

B.M. #18 Pg. 28

T.P. Top stake in Fairway

" " " "

B.M. Hor. Spk. in 6" O. near 3D1

Hi. Point Stone

B.M. #19 Pg. 28 (81.39)

3/18/75
Simpson
Leone
Kelly

AL
3/20/75

038/391

NORFOLK COUNTY WOLLASTON

Establishing B for Pond
and 15th Fairway

9.14
9.94
29.03 952.70
82.32 14.19
71.91 36.23
91.34 1005.12 ± Total

725
500
1225

Top of Large
Flagpole

96.97
82.74
94.68 952.81
95.53 Temp 11
96.67 952.70
93.74
75.43
12.57
952.81

Tel. Pole
#50
28

Granite

99.36
90.49
12.40
202.25

Tel. Pole

94.30

#50
43A

94.30

187.00

59.38

56.60

115.98

Top of
Large
Flagpole

Sta. 15G

133.93

94°30'
Sc. & Held

500.00

15.98

Sta. 15D2

d.h.
rim conc.
M.H.

20°39'

01°18'

00°39'

54°34'
109°48'
51°48'
222°25'd.h.
puddingstone

RECREATION

FACILITY

V.A. = 19° 29.26
V.D. = 38.32 5.81
H.D. = 36.23 35.07

Sunny & Windy March 21, 1975

Simpson

Leone

Beyer

St.

VERT. SPK.
Root 50" M.

86°00'00"
172°00'00"
86°00'00"

131°09' Meas.

Note: THIS LINE CHANGED
AUGUST 1995
725'
SEE PAGES 70-71
NEW FAIRWAY

NEW 15 D1

Sta. 0-50 on Pond

318.77
Sta. 50.00
36.23
35.07

d.h. on line on
face of Granite Ret.
Wall 7.1' below
conc. cap

chain
link fence

Squantum

West

040

NORFOLK

COUNTY

WALLASTON

RECREATION

FACILITY

391

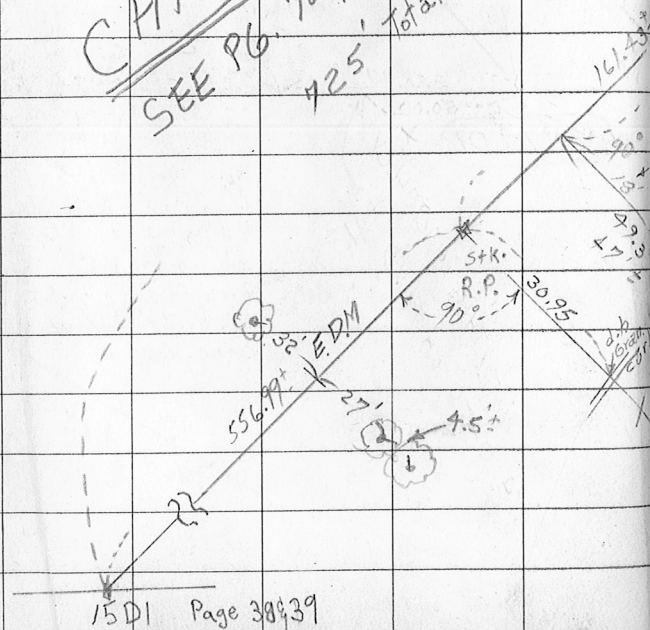
Setting up 15th Tee

V.H. 05:28'

V.D. 559.53 EDM

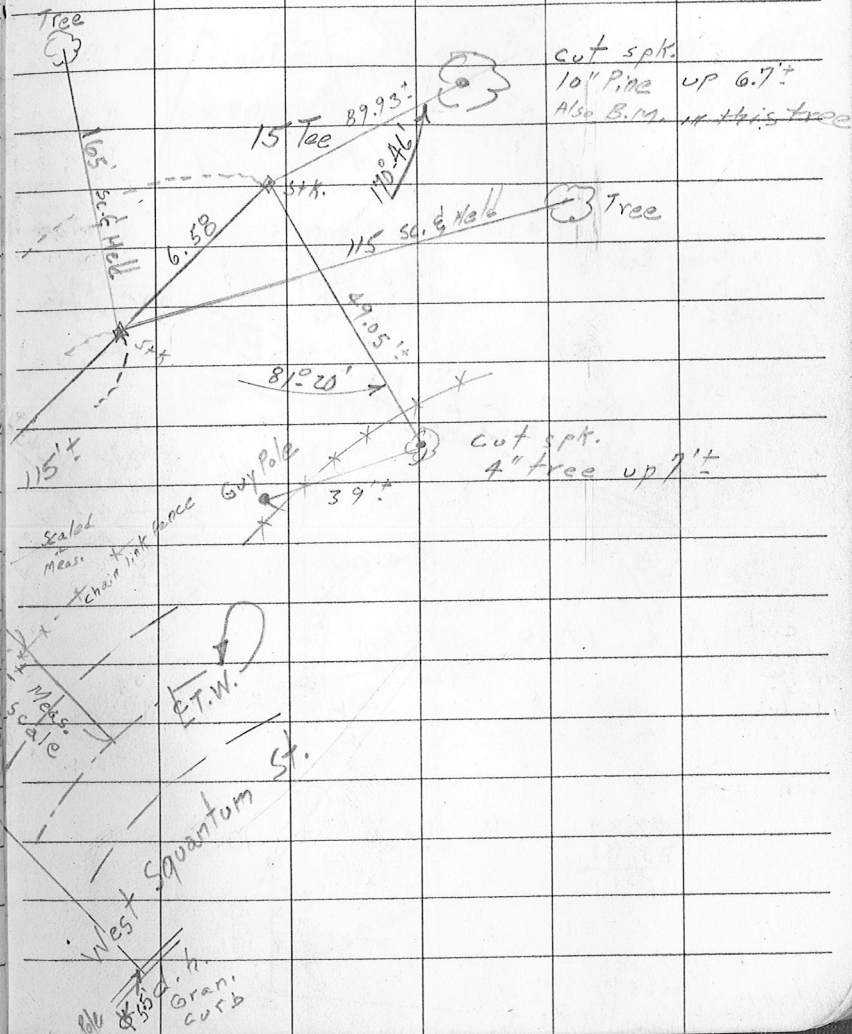
H.D. 556.99±

CHANGED FOR CHANGE
 SEE PG. 70 & 71 FOR CHANGE
 425' Total 15DI to 15Tee

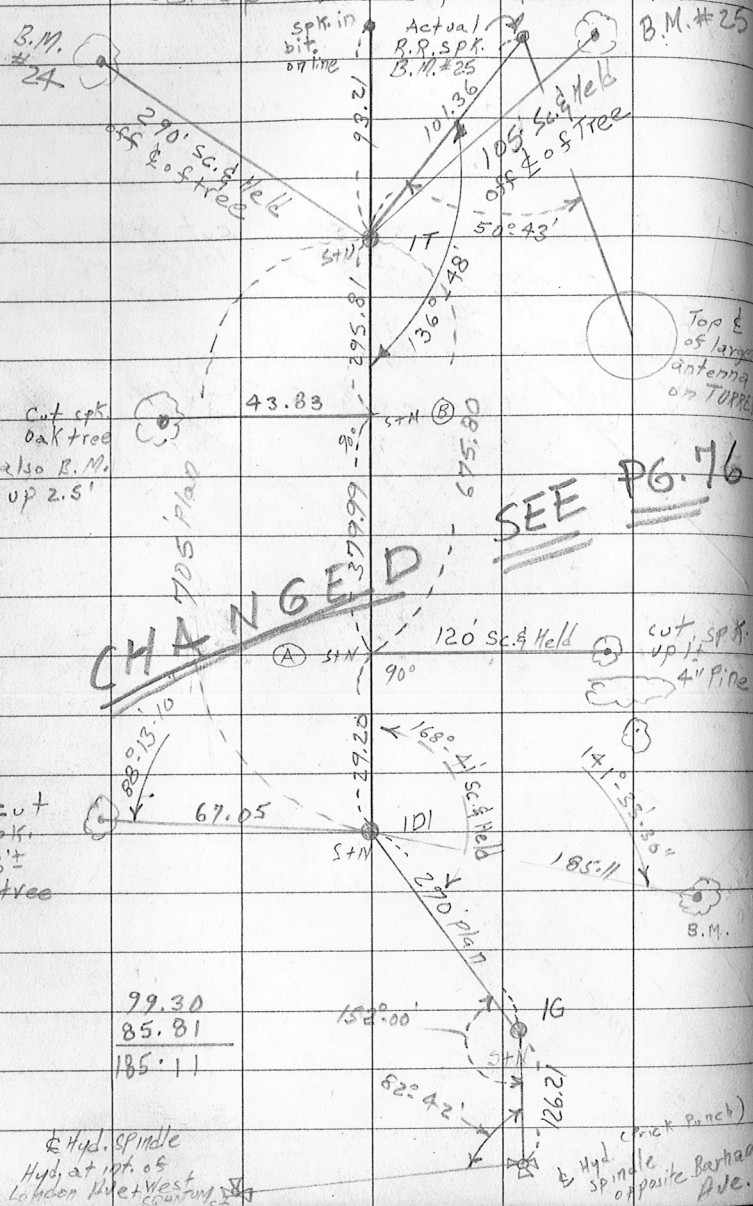


15DI Page 38 & 39

041



Set up of IG , ID and IT



V.A.	④ to IT = $00^{\circ}13'$	V.D.	675.80	E.D.M
------	---------------------------	------	--------	-------

H.D. =	675.80
--------	--------

V.A. (A) to (B) $02^{\circ}-14'$ V.D. = 380.28 G.D.M.

H.D.	379.99
------	--------

705.00	50° 43'	136° 48'	50°
675.80	101° 26'	273° 36'	54.05
29.20	50° 43'	136° 48'	47.32
			101.37
			-.01
			101.36
152° 00' 00"	82° 42'	48.83	
		77.39	
304° 00' 00"	165° 24'	126.22	49.16
152° 00' 00"	82° 42'	-.01	44.06
		126.21	93.22
			-.01
			93.21

050

391 NORFOLK COUNTY WOLLASTON

Set up of 5T, 5D1, 5D2, 5G

404.07

7.77

70.93

66.55

475.00 Plan

74.32

Church
Steeple
See Pg. 126Church
cut spk.
small
cedar
Tree

65.15

62.39

27.54

98.59

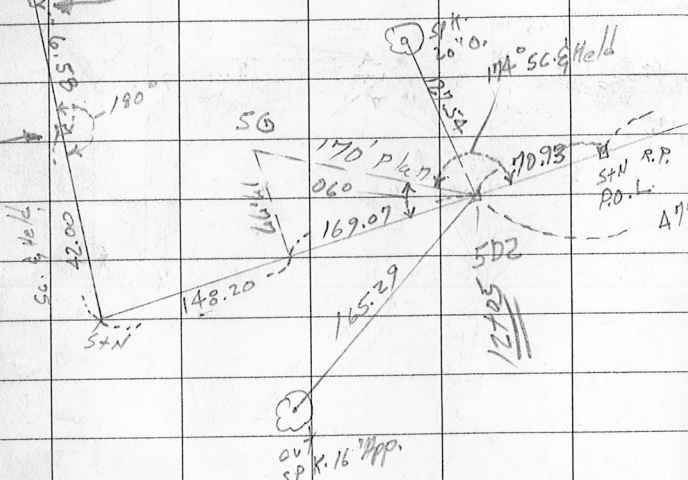
10.20

56.50

165.29

Note: This is the
old original

15th FAIRWAY

15 Fee
Page A

V.A. 01° 27'

V.D. = 792.52 EDM

H.D. 792.27 Total 5D1 to NT with 15th

RECREATION FACILITY

051

63.41

44.99

108.40

66.12

42.33

108.45

99.32

44.07

144.19

V.A. = 01° 29'

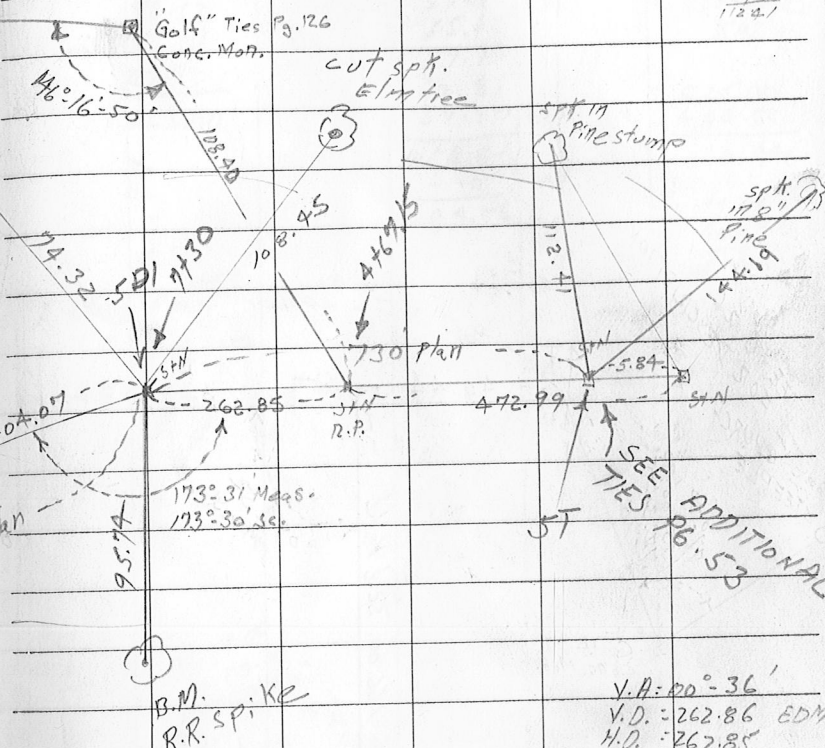
V.D. = 404.21 EDM

H.D. = 404.07

62.91

49.50

124.1



V.A. = 00° 36'

V.D. = 262.86 EDM

H.D. = 262.85

972.99

262.85

735.84

730.00

5.84

V.D. = 04° 51'

V.D. = 974.69 EDM

H.D. = 972.99

052

391

NORFOLK COUNTY

WOLLISTON

RECREATION

FACILITY

Set up of 4G and 4T

SEE PG 26
FOR DESCRIPTION
Top of CHURCH
STEEPLE

77° 30' 12"
155° 00' 22"
77° 30' 15"

"GOLF"
Cone. Mt.

262.35

50/
Pg. 51

4T

40.44

166.00 Sec. 5 Meas.

90° hair 55.

472.99 Pg. 51

053

4/25/75

40.43

45.40

39.50

72.53

98.21

37.73

333.80

87.82

66.97

58.46

57.92

55.65

57.14

42.85

57.80

484.61

- .05 Temp

484.56 ±

525.00

484.56

40.44

99.57

66.51

166.08

Simpson

Leone

Kelly

525 Plan

484.56 Sec. 5 Meas.

4G

STW

95° 59' 00"
191° 59' 00"
96° 59' 30"

ST

5.84

333.80

STW

Bit. Dr.

Sight left
on top of
Sence

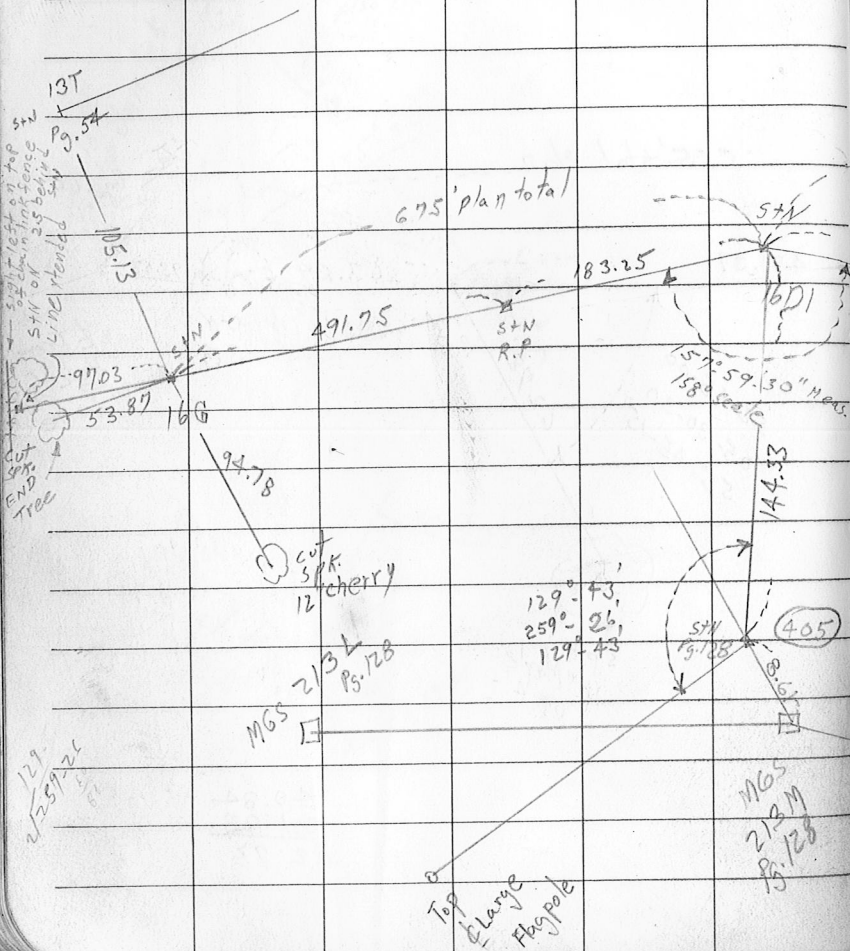
Chain
11 ft Sence

056 NORFOLK COUNTY WOLLASTON

97.03 / 391 Set up of 16T, 16D1 and 16G

27.46

10.513



RECREATION

FACILITY

7000 plants	Simpson
353.85	Leone
346.15	Beyer

33.79

55.43

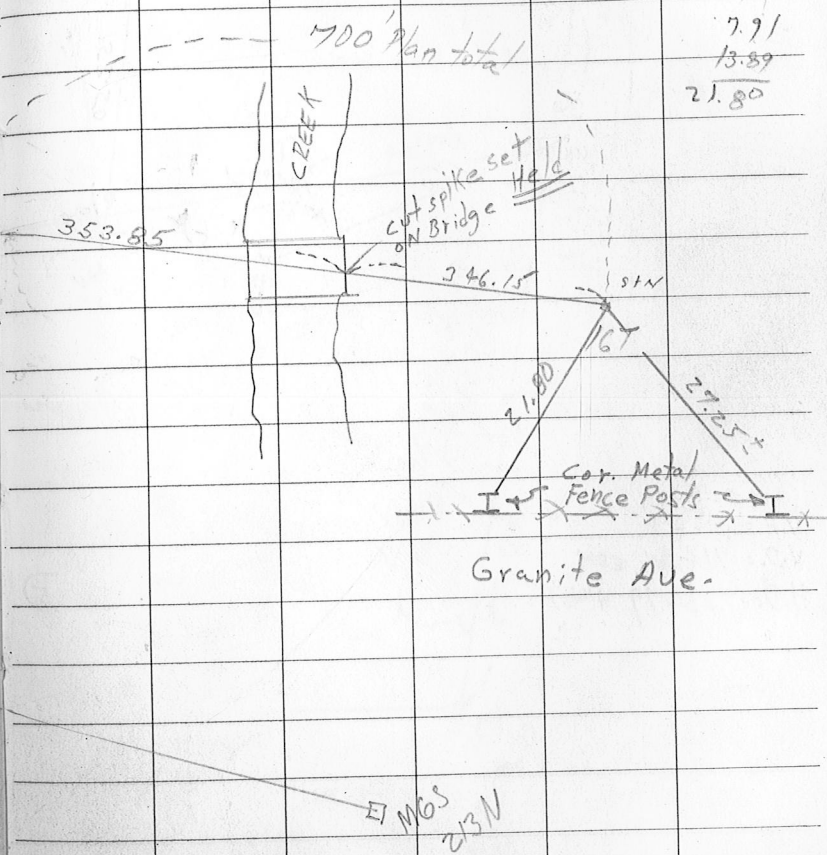
55.11

14433

7.9/

13.89

21.80

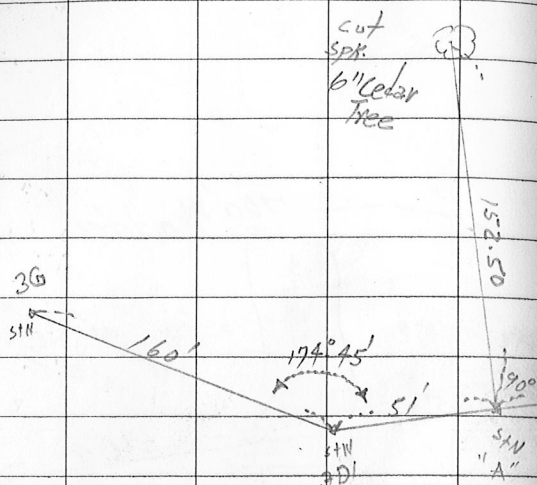


058

NORFOLK COUNTY WOLLASTON

391

Set up of 3T, 3D and 3B

V.A. = $00^{\circ}49'$

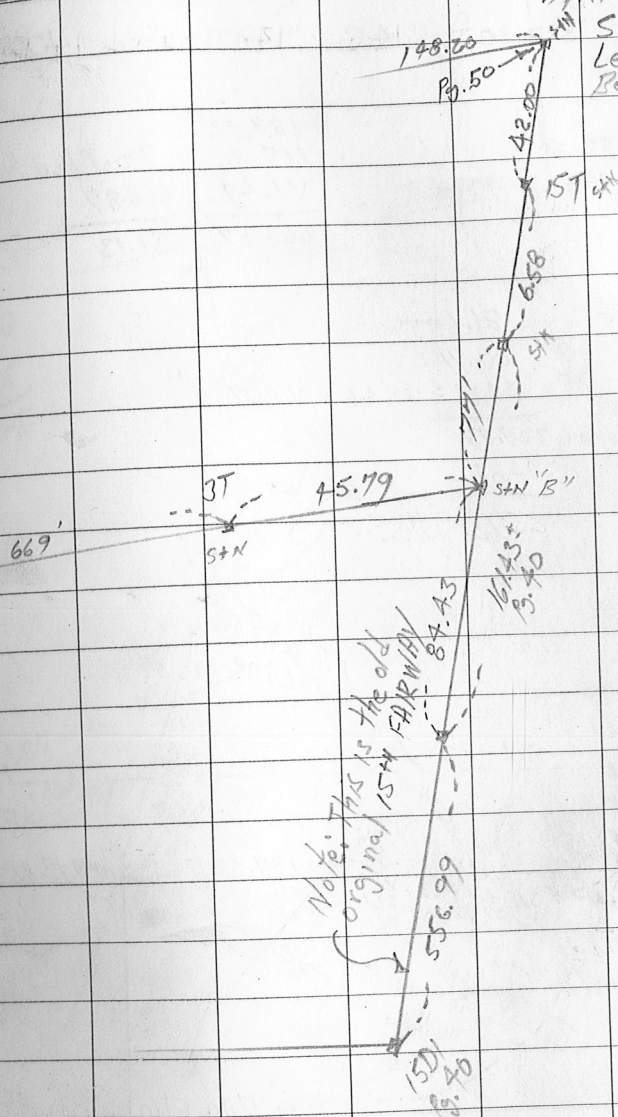
V.D. = 714.86 EDM

H.D. = 714.79 "A" to "B"

059

RECREATION FACILITY

April 30, 1975

Simpson
Leone
PeyerNote: This is the old
original 15th FAIRWAY

062/391

NORFOLK COUNTY WOLLASTON RECREATION FACILITY

set up 17G, 17D1 and 17Tee

700

285

485

cut spk

170

Scaled 8' Hold

17D1

Scaled 8' Hold

cut spk
5-10' treesExisting
E of 17th
Green Fieldspk. Edge
of Bit. Pavement.Note: Took 1st tree
down because it
was on line.

605.34

700' Plan

605.39

- .05

605.34 Total

620.00

14.66

Simpson

Leone

Reyer

gone 9/1/75
Aug 1st
Held

89.23

14.66

54N

47' Scaled 8' Hold

29.50

cut spk

80.22

56.53

136.75

32.21

7.29

39.50

83.08

52.25

135.33 - R.O.B. 17D1

6.09

141.42

285.00

135.33

141.42

79.02

220.44

220.44

285.00

220.44

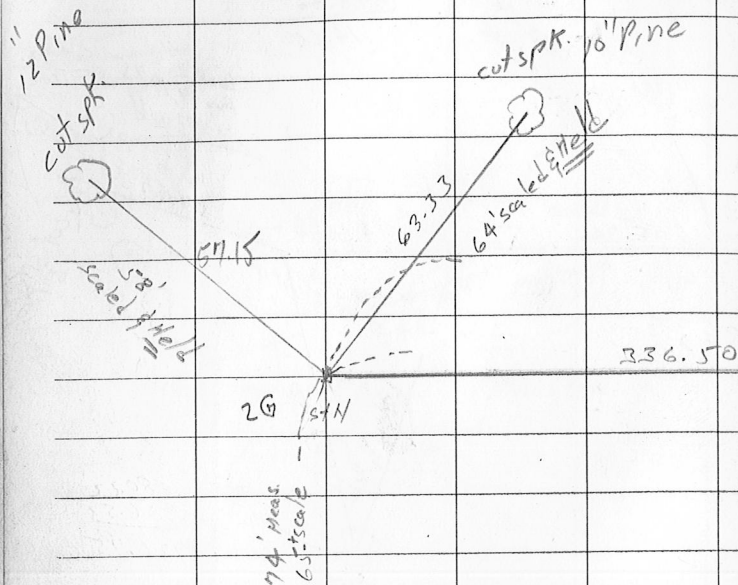
64.56

V.A. = 12°

V.D. = 80.79

H.D. = 79.02

Set up of 2T & 2G


$$\begin{array}{r} 44.65 \\ 60.60 \\ 98.02 \\ 98.48 \\ 34.75 \\ \hline 336.50 \end{array}$$

133.50
89.98
43.52

470. Plan
336.50

133.50

NORFOLK COUNTY WOLLASTON

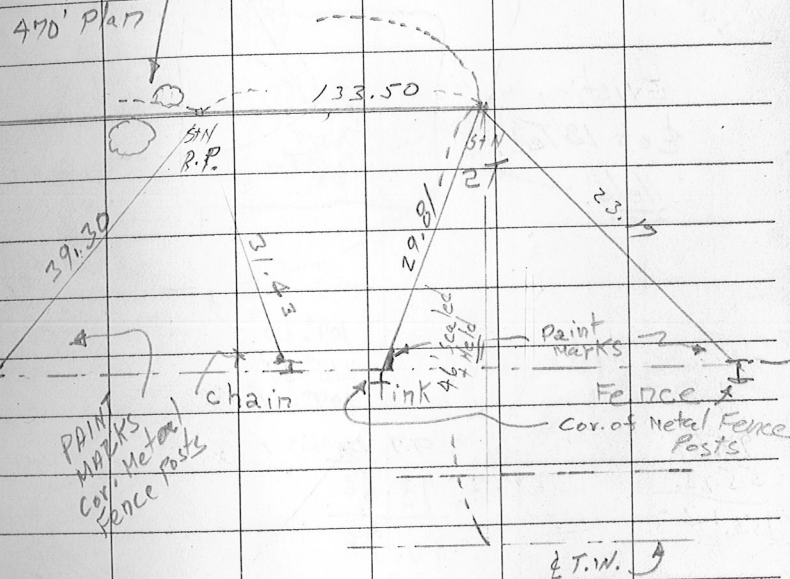
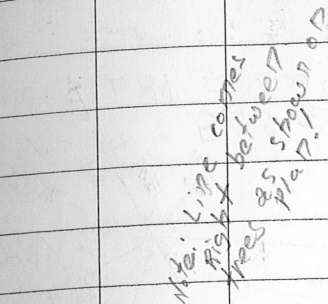
RECREATION

FACILITY

065

~~May 7, 1975~~

SIMPSON
Leone
Reyer



West Squantum St.

068

NORFOLK COUNTY WOLLASTON

391

Set up of 7T and 7G

79.3

28.65

47.23

58.1

98.10

31.20

157.4

74.48

78.43

271.23

277.23

113.57

157.66

113.57

78.43

183.00

375.00

113.57

78.43

192.00

116
cut spk.
end tree

7T

271.23

STN

113.57

90°

79.99

32.64
49.35
79.99

069

RECREATION

FACILITY

MAY 9, 1975

79.42

29.31

183.00 plan

Simpson

Beyer

Leone

31.14

139.87

43.13

183.00

78.43

261.43

375.00

261.43

113.57

SEE ON
TIE ON
pg. 62

7G

78.43

183 sc. & laid off

217.51

STN
R.P.

STN

STN

SPK.
ON LINE
IN bit
pavement

375 plan



clump of Held for
Birches sta. & offset

50.24

40.69

41.68

84.90

217.51

1070

NORFOLK COUNTY WOLLASTON

391

CHANGE IN 15TH FAIRWAY

SEE PG. 40 & 41 FOR OLD INFO.

425' plan

OLD 7

556.99' EDM

131° 09'

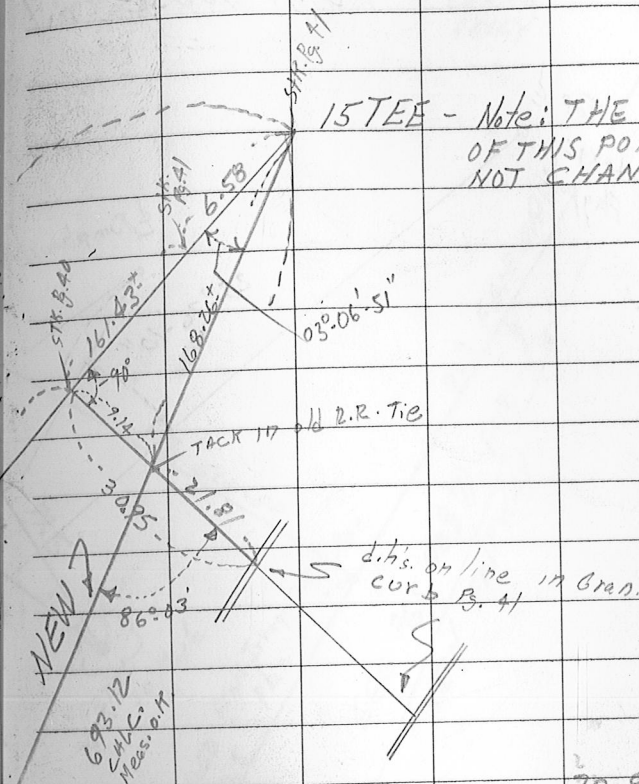
50.00

NEW 6
128° 02' 09"0-50
POND #
NEW 15010-200
POND #
OLD 1501

RECREATION

FACILITY

071

15TEE - Note: THE POSITION
OF THIS POINT DOES
NOT CHANGE

30.95

9.14

21.81

072/391

PUMPHOUSE

Top &
Large
Flagpole

Pumphouse

25°36'10"

15D2

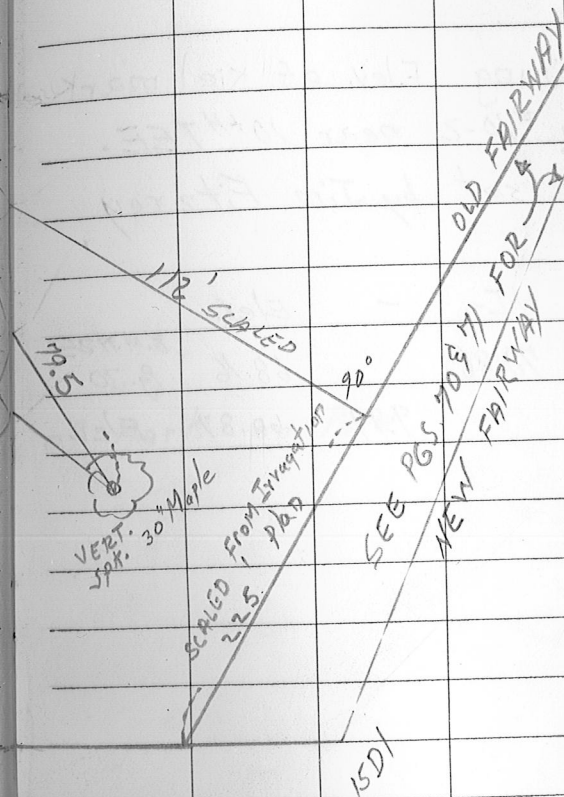
073

AUG 26, 1975

SIMPSON
ALBANO
LEAKE
KELLY

STAKING

15T



VERT. 30" Maple

SCALED FROM ELEVATION
22.5

90°

SEE PGS. 70 & 71 FOR
NEW FAIRWAY
OLD FAIRWAY

15D1

074/391

Sept. 4, 1975

Simpson

Land

Alfano

70.86

9.99

60.87

68.16

2.70

70.86

obtaining Elev. of Kiel mark
set on Tel. Pole #10-2 near 10th TEE.

Kiel Mark set by Jim Fitzroy

+

H.I.

-

Elev.

2.70

70.86

68.16

B.M. #25

Pg. 30

9.99

60.87

Elev.

of Mark on Pole

075

076

NORFOLK COUNTY WOLLASTON

RECREATION FACILITY

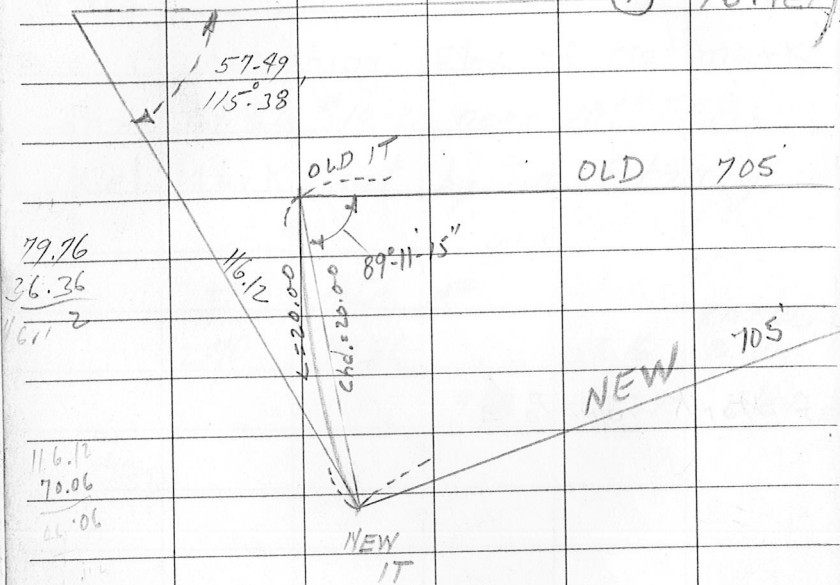
077

391

OLD 1st FAIRWAY ON PG. 42 & 43

B.M. #25
R.R. SPK.

Top of largest
antenna on
Turret

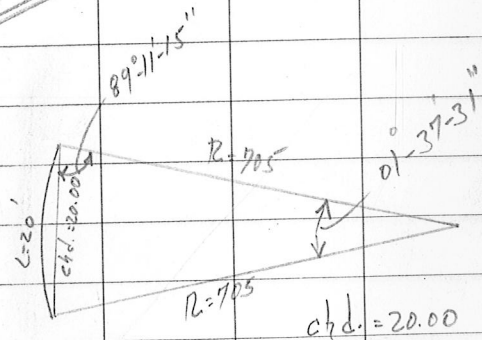


Plan & Hold

Position of ID1 remains unchanged

SEE PG. 98+99

CHANGED



078/391

Inst.

Tape

Wthr & Temp.

Date _____

Crew

Inst.

Tape

Wthr & Temp.	
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100
21	100
22	100
23	100
24	100
25	100
26	100
27	100
28	100
29	100
30	100
31	100
32	100
33	100
34	100
35	100
36	100
37	100
38	100
39	100
40	100
41	100
42	100
43	100
44	100
45	100
46	100
47	100
48	100
49	100
50	100
51	100
52	100
53	100
54	100
55	100
56	100
57	100
58	100
59	100
60	100
61	100
62	100
63	100
64	100
65	100
66	100
67	100
68	100
69	100
70	100
71	100
72	100
73	100
74	100
75	100
76	100
77	100
78	100
79	100
80	100
81	100
82	100
83	100
84	100
85	100
86	100
87	100
88	100
89	100
90	100
91	100
92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

Date _____

Crew

079

080

391

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

081

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

082

/391

NORFOLK COUNTY WOLLASTON

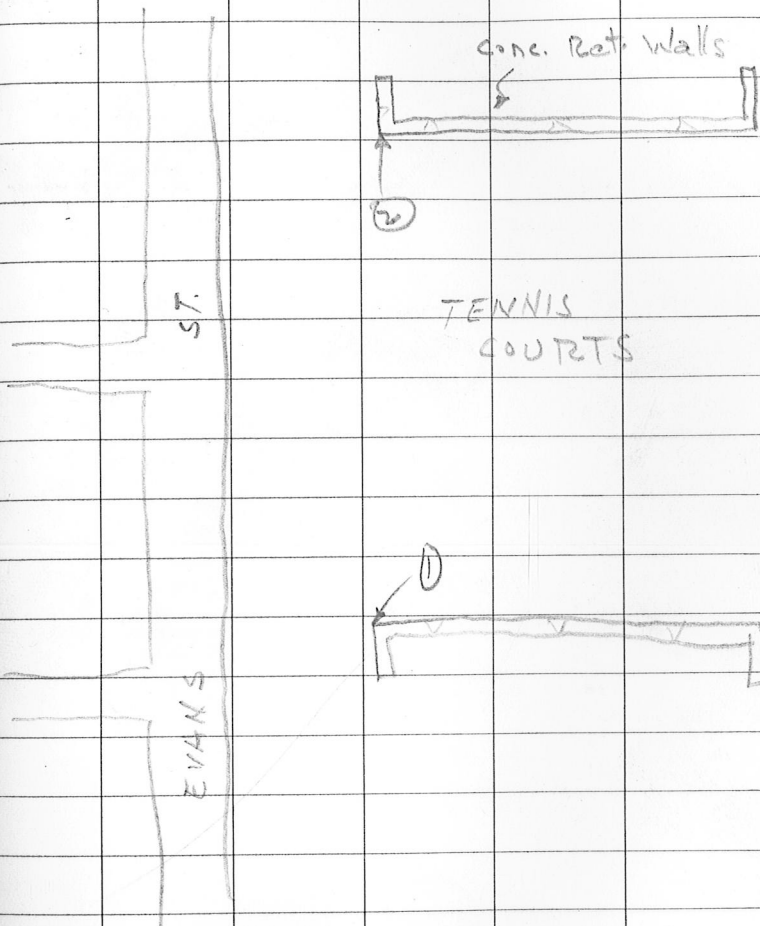
RECREATION

FACILITY

083

Oct. 1, 1975
Simpson
Leone
Kelly

+	H.I.	-	Elev.	
1.95	58.99		57.04	SPR. Pole #7 EVANS- Pg. 19
2.50	57.90	3.59	55.40	Elev. cor. of wall ①
7.91	64.47	1.34	56.56	" " ②
		4.35	60.12	60.11 B.M. #116 EVANS ST. Pg. 19



084/

391

Inst.

Tape

Wthr & Temp.

Date

Crew

085

Inst.

Tape

Wthr & Temp.

Date

Crew

086

NORFOLK COUNTY WOLLASTON RECREATION FACILITY

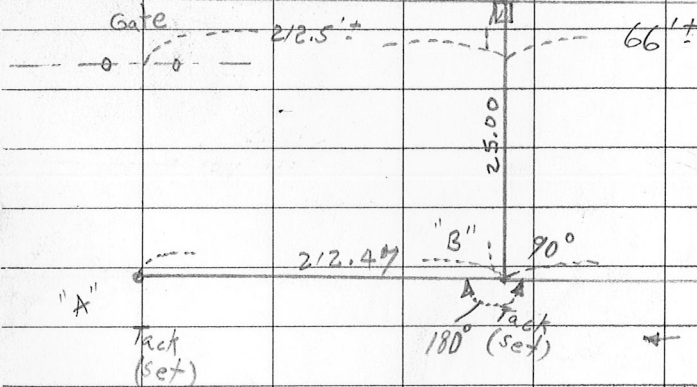
391

Set up of B to be used in taking detail of Gate
on the ELY side of Granite Ave.
culvert to tidal gate.

212.5
66
278.5

Note: This bl. right
of Sta. 2040 + 0.5
of the State Hi-Way
plan.

M.H.B. (Fnd.)
(conc.)



GRANITE

← To Neponset River

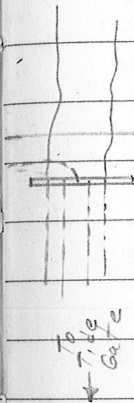
087

Sunny & clear

Simpson
Leone
Kelly

Oct. 7, 1975

GOLF COURSE



AVE.

Note: These lgs. are right
of Sta. 13796.55 on
the State Hi-Way plan

25.00
16.24
8.76

M.H.B. (stone)

cut mark
found @
Back of bound

16.24

M.H.B. (conc.)

cut mark
found @
Back of bound

89° 52' 30"

8.76

"C"
Tack (set)

25' offset line

088/391

LASER MEASURES of B shown π @ "C" sight on "A" V.A. = $00^{\circ}-02'-00''$ π @ "C" sight on "B" V.A. = $00^{\circ}-25'-00''$

Laser @ "C"

Reflector @ "A"

Oct 8, 1975

 $T = 64^{\circ}$

Bar. = 30.5

P.P.M. = +23

Using Filter

Feet

Meters

816.30
30
28
28
30248.811
.811
.811
.813
.815

816.292

 $248.812 \times 3.2808333 = 816.311$

816.292

816.311

Average = 816.302

 $816.302 \times \cos. 00^{\circ}-02' = 816.30$ $816.30 = \text{"C" to "A"}$

089

on Pg. 86887

Laser @ "C"

Reflector @ "B"

Feet

Meters

Oct 8, 1975

603.83

184.056

84

.055

84

.056

84

.056

83

.055

 $T = 64^{\circ}$

Bar = 30.5

P.P.M. = +23

Using Filter

603.836 Ave.

 184.056×3.2808333 $= 603.857$

603.836

603.857

Ave. = 603.847

 $603.847 \times \cos. 00^{\circ}-25' = 603.83$ $603.83 = \text{"C" to "B"}$

816.30

603.83 $212.47 = \text{"A" to "B"}$

NORFOLK COUNTY

Detail of Gate - 300'± NLY of

see Pg. 86 & 87 for B

line 69
*210.40

6" Pine 57
* 220-16

6" fine

6" Pine
64'
33-10

0 6" fine
4 43'
7.2

6th June

$$\begin{array}{r} 431 \\ 248.40 \end{array}$$

Gate opens
inward only

GRASS

12.1

D. r +

212.47

Here Tack "A"
Pg. 86

Granite Ave.

Granite Corb

Gaurd	Rai
-------	-----

WOLLASTON RECREATION FACILITY

culvert on ELY. side Granite Ave.

SIMPSON
Leone
Kelly

Note: Bushes are 8' + wide
bes (2' back of fence)

End
Buses

Town of
Milton Water

Grass

Chain
Link
Fence

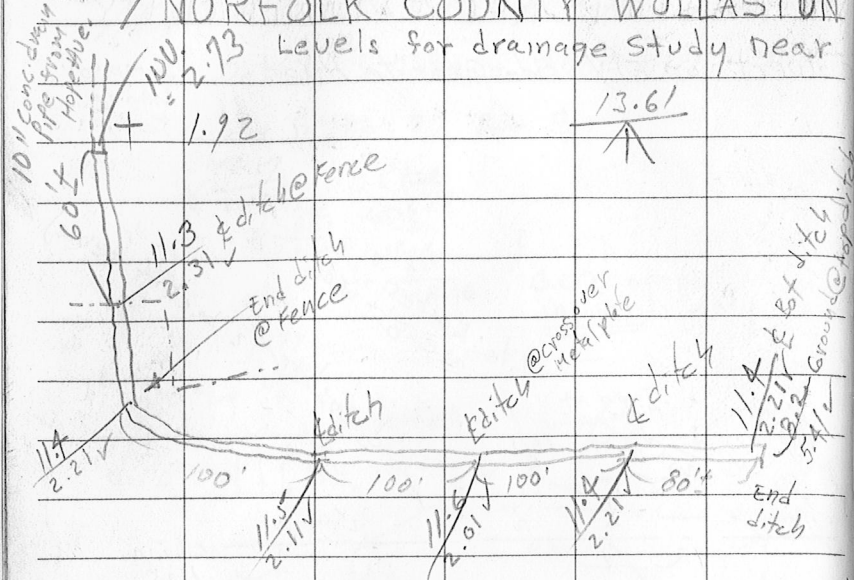
"Pedestrian Crossing" sign

Fence

092/391

NORFOLK COUNTY WOLLASTON

Levels for drainage study near



RECREATION FACILITY

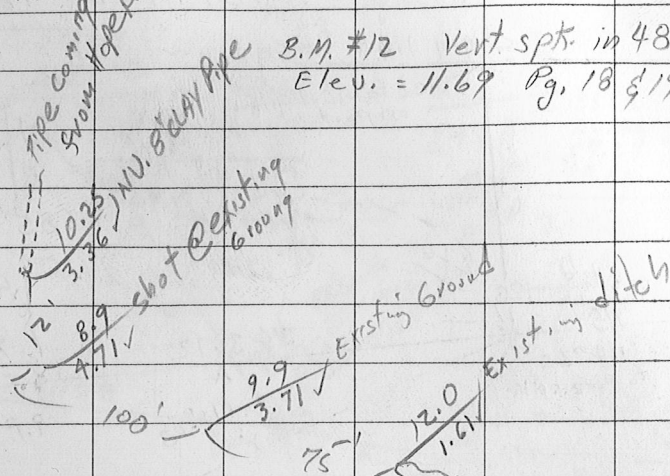
Oct. 9, 1975

Pond.

Pond. Ave

B.M. #12 Vert. spt. in 48' Oak.

Elev. = 11.69 Pg. 18 & 19


$$\begin{array}{r} 10.55 \\ 2.00 \\ \hline 12.55 \end{array}$$

Existing 24" drain Pipe.
Corr. Pipe.

094

391 NORFOLK COUNTY WOLLASTON

75.19

39.42

114.92

172.08

244.16

172.08

Set up of 12T-12D1-12G

Chain link fence

Red Paint mark
on PostMark
on Post4' red
spt.

12.03

343.12

114.03

685'

P.P.

sc. 4' red

115

To Horiz. spike

86.24

39.77

126.1

H-D

X

X 270

X 370

17+H

Fairway

83.26

82.83

87.33

74.20

327.62

341.83

14.26

99.28

97.79

86.71

91.32

375.10

415.00

339.90

095

RECREATION FACILITY

Bot. C.B.

1400.00

343.12

1056.88

98.03

99.22

77.81

48.06

343.12

Oct. 10/1975

Simpson

Leone

Kelly

685.00

343.12

341.88

88.60

20.44

57.29

98.68

265.01

341.83

76.84

PAINT
MARK F.P.PAINT
MARK F.P.

Fence

82' scale

80' scale

341.88

174.47.26

MG

MGA

YARDAGE

DIST

MARKER

0-0'

11.5 ft.

17D1

VD: 79.37-79.07
VA: 05° 10.44NOTE:
THESE MARKER
LOCATIONS
TAKEN 6/23/83

old clubhouse

096/391

Grades for Swale

+ 0.82

12.51
AB.M. 11.69 #12
vert spk 48" Oak.

097

11.69
- .82

Station	Grade	Rod Reading	Cor F.	Elev.
0+0	2.2	8.31	C=2'	4.20
1+0	2.06	8.45	C=2'	4.06
2+0	1.92	8.59	C=2'	3.92
3+0	1.78	8.73	C=2'	3.78
4+0	1.64	7.87	C=3'	4.64
4+50	1.57	7.94	C=3'	4.57
5+0	1.51	8.00	C=3'	4.51
6+0	1.37	8.14	C=3'	4.37

+6.54

11.50
A

7+0	1.23	7.27	C=3'	4.23
8+0	1.09	7.41	C=3'	4.09
8+21	1.06	10.42		1.08



7.82

3.68

H₂O Level
@ Pipe

9.10

2.40

Pond

-7.55 4.96 T.P. Hi. Point ledge

INV. Pipe

2:15 P.M.

Level 2:15 P.M.

391

FINAL	POSITION	OF
1 st	FAIRWAY	

0
X
0 SEE PAGE 6 For Tie
IT

NEW

POSITION

FINAL
OF 1st FAIRWAY

70.5

$$\Delta = 02^{\circ}50'40''$$

70.5'

88.24.40

5-942

$$\sqrt{35}$$

RECREATION FACILITY

099

278.37

195

83.87

Note: Position
of IG has
always remained
the same.

1G

270'

OLD

88-34-40

chd. = 35

1.35

~~278.87~~

44.44

48.59

$$\underline{93.03}$$
 $160^\circ - 24^\circ$

11 D

10

~~94° 43' 30"~~

5

Spk. in tree 60°

03

15

5

92

2

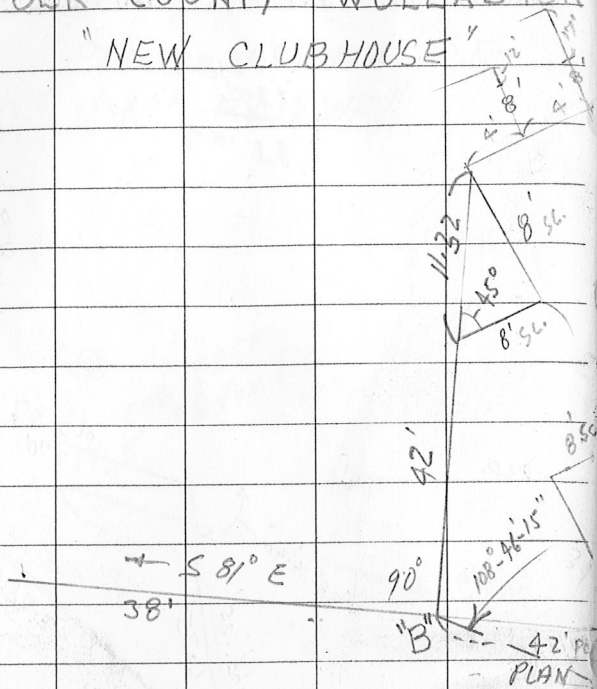
6.7

94

NORFOLK COUNTY WOLLASTON

391

" NEW CLUB HOUSE "



Note: While assisting Richard Nota with staking of the tennis Courts, He asked for the position of the New Clubhouse so he could head his water pipe in the proper direction. Nota produced a plan showing the clubhouse position. We had to scale certain distances but this is basically the position of the New Clubhouse.

Wayne Simpson

RECREATION

FACILITY

722530

100-46-15

108-16-13

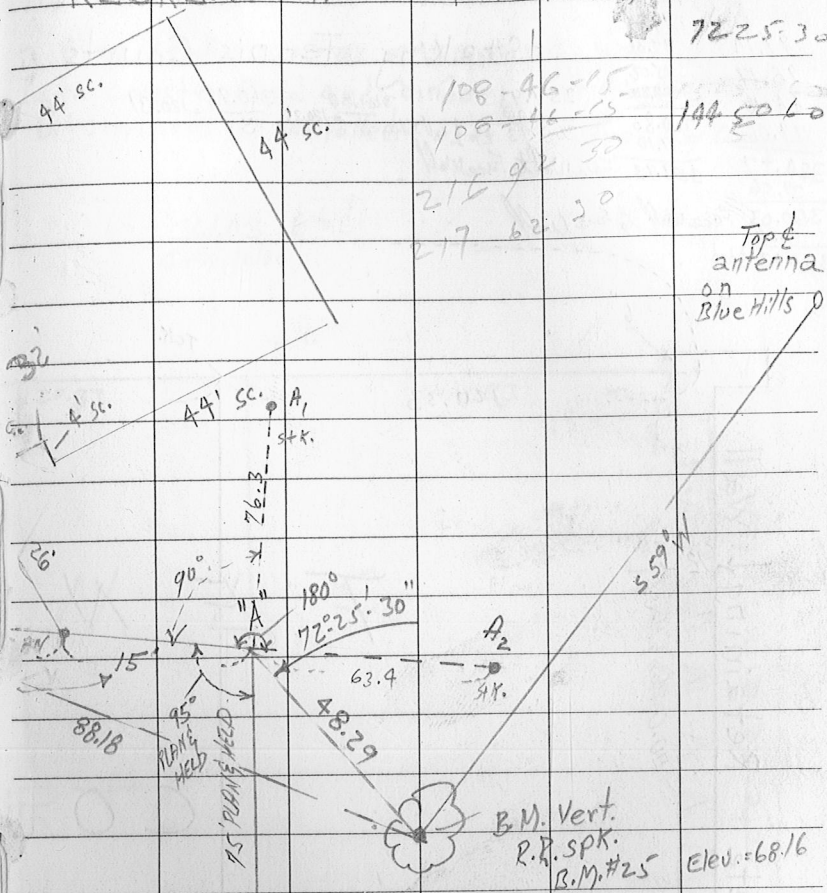
9230

216	30
-----	----

2-17	62	
------	----	--

1445060

Top of
antenna
on
Blue Hills p



OLD
PRO SHOP

OLD
CLUB HOUSE

NORFOLK COUNTY WOLLASTON

Staking Tennis Courts

99.14	99.20			
98.17	97.81			
44.10	95.02			
	28.80	359.93	361.00	360.93
79.06	320.83	1.00	5	120.31
	39.10	360.93		3
320.47		359.93		
39.56				
360.03				
1.00				
361.03				

Face Wall to Face Wall

Face Wall to Face Wall

6"



Retaining Wall

12"

110.0 Plan Meas.

Concrete

120.33

Tch.

T E N N I S

C O U R T S

120.31

Tch.

EVANS

RECREATION FACILITY

- Fine staking after retaining walls are constructed and binder coat of bituminous is installed.

Simpson
Leone
Kelly

Tuesday Oct 21, 1975

361.03 $\pm$ to $\pm$
Called 361.00

120.33

Tch.

120.33

6"

Concrete Retaining Wall

110.0 Plan Meas.

120.31

Tch.

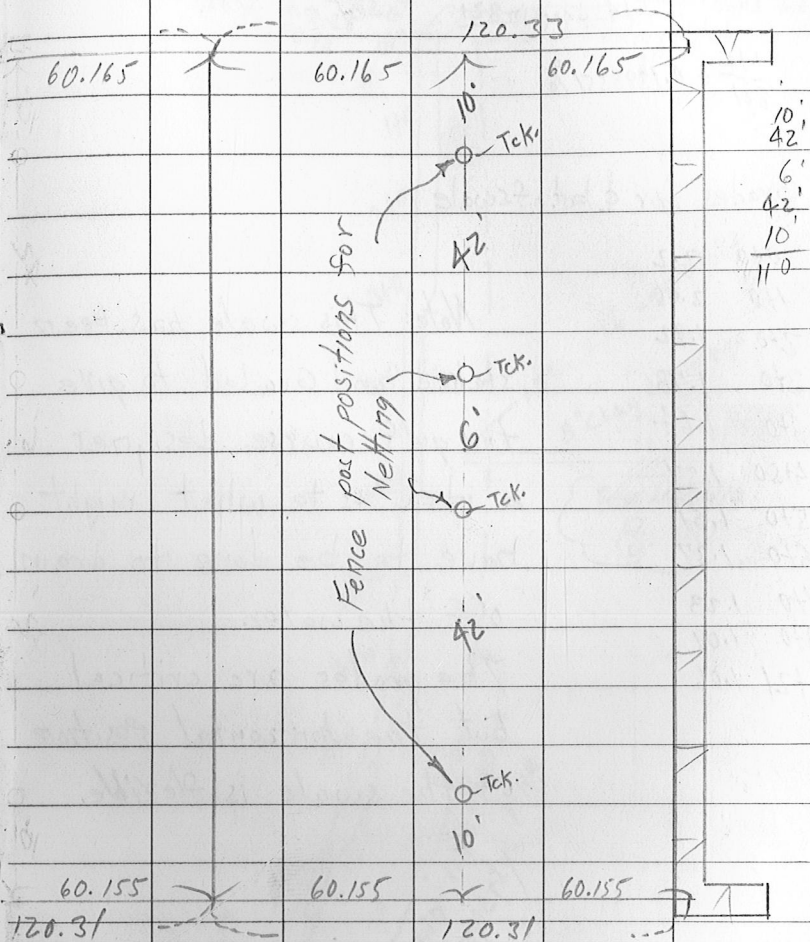
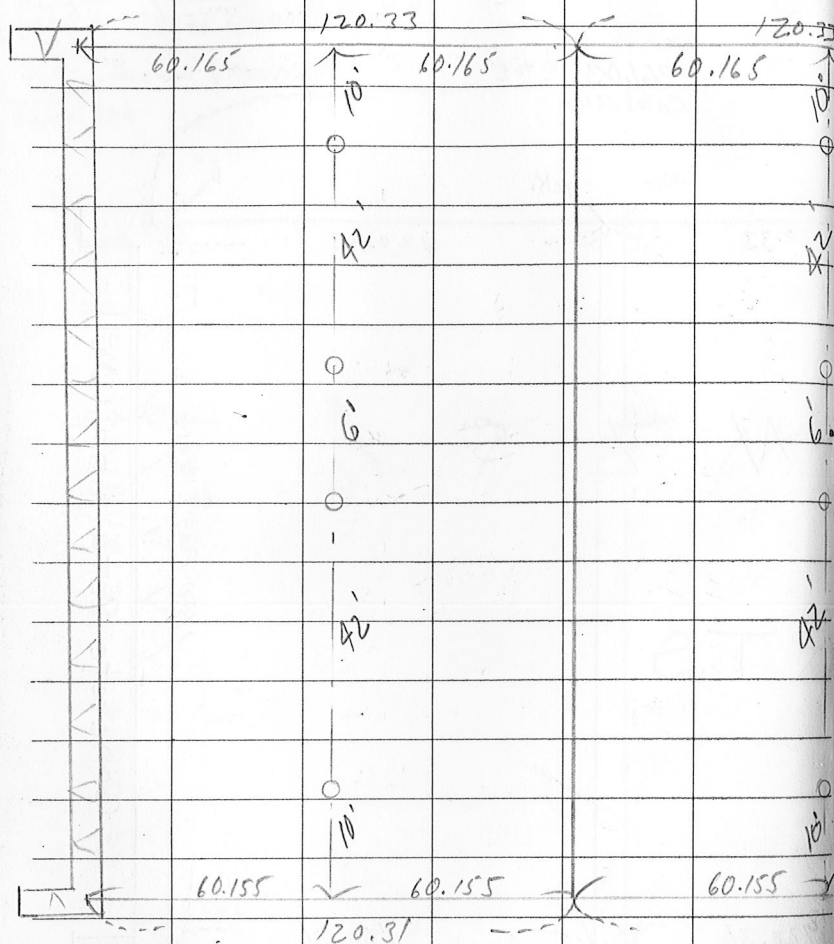
120.31

360.93 $\pm$ to $\pm$

ST.

NORFOLK COUNTY WOLLASTON RECREATION FACILITY

Staking positions for posts which will hold tennis nets



391

INV. ditch = 2.20

INV. Pipe = $\frac{1.06}{1.14 \text{ drop in } 821}$

$$\frac{1.14}{821} = 0.1388551\%$$

Grades for & bot. of swale

0+0 2.2

1+0 2.06

2+0 1.92

3+0 1.78

4+0 1.64

4+50 1.57

5+0 1.51

6+0 1.37

7+0 1.23

8+0 1.09

8+21 1.06

Note: This swale has been staked and Graded to give the golf course designer a idea as to what might have to be done to drain off the water.

The grades are critical but the horizontal position of the swale is flexible.

GRANITE

Oct 20, 1975

Simpson
Leone
Kelly

INV. OF DITCH
NEAR FENCE
= 2.20
SEE PG. 92

Flow Drainage from
Hope Ave.

Existing ditch

1+0

2+0

3+0

4+0

4+50

5+0

6+0

7+0

8+0

Existing 821' x
24" Drain

AVE.

INV. Existing pipe
= 1.06 Pg. 93

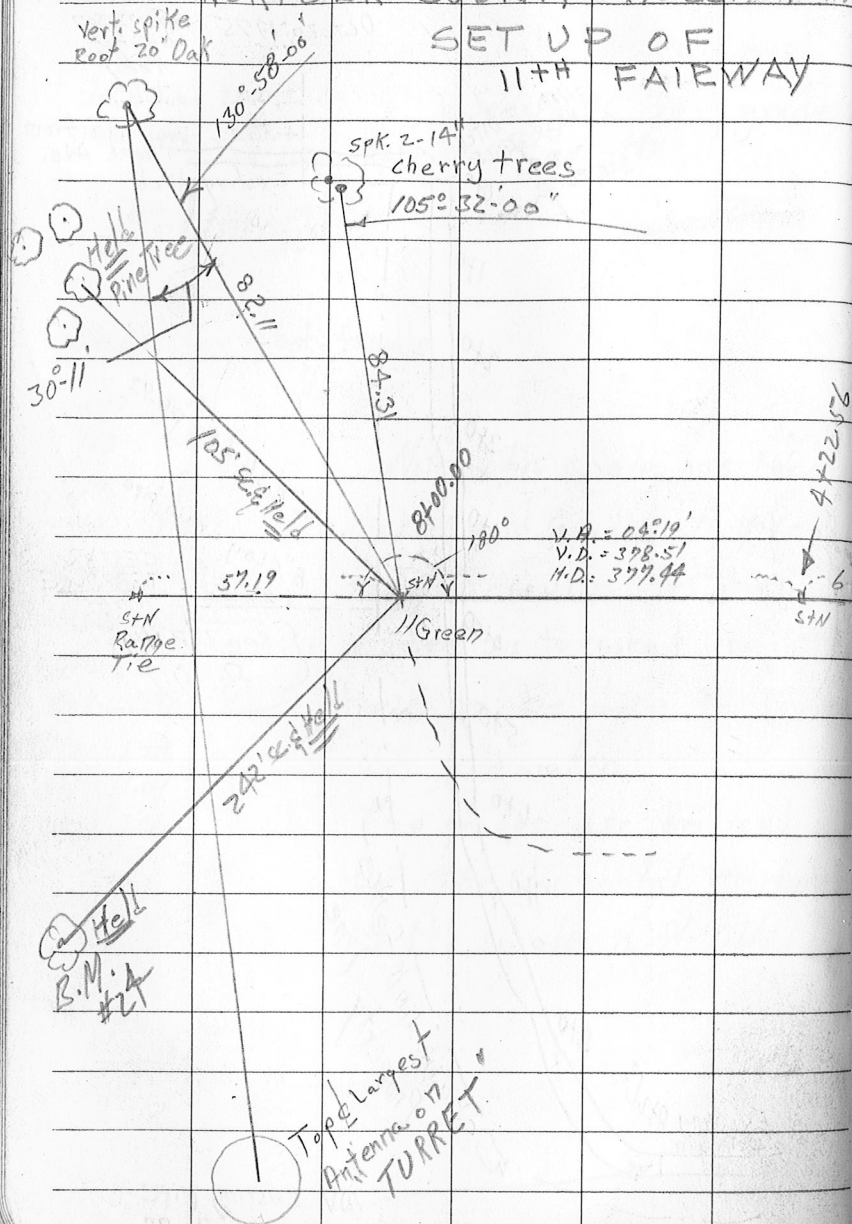
100' = 3.36 see pg. 93
8" clay drain pipe

CEDAR
TERRACE
ST.

see N.B. 419
Pg. 94

chain link fence
Property line

NORFOLK COUNTY WOLLASTON

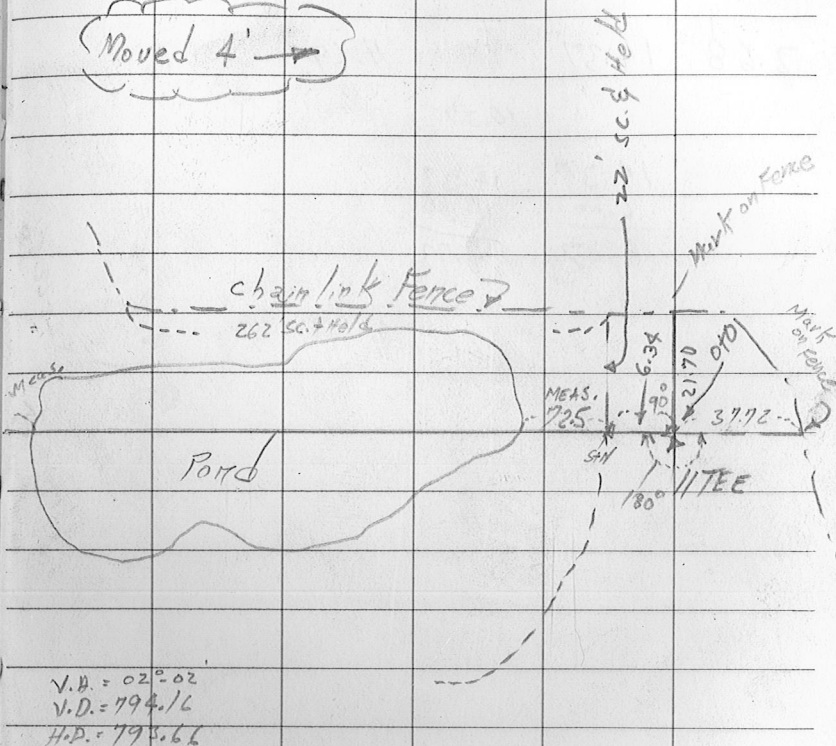
SET UP OF
11th FAIRWAY

RECREATION FACILITY

SIMPSON
Leopold - Nov. 566, 1975

16.80	14.99
65.31	11.26
82.11	31.00
	57.19

Moved 4' →



Laser
Data Sor Ranger

800.00
793.66
4.34

T=57°
Bar. 30.65
P.P.M. = +17
Using Filter

8400.00
377.44
422.56

110

391

111

Date _____

Crew

Inst.

Tape

[illegible]

7

A.I.

Abstract

B.M.

1.12

12.81

11.69

#12

7.68

14.37

11.69

10.37

4.00

14.37

14.39

6.00

11.64

8.37

2.73

112

391

Simpson
Leone
Nov. 12, 1973

Obtaining Elev. on Pond Control Structure

+ H.I. - ELEV. Remarks

1.95 11.26 9.31 B.M. #15 P25

7.63 11.51 7.38 3.88 Top structure

5.64 5.87 B.M. #16
P24+25 (5.86)

6.27 10.15 3.88

6.69 3.46

Setting Elev. on Fairway & STKS
14+H Fairway

+ H.I. - Rod Elev. Remarks

10.13 14.01 3.88 Top Pond Structure

5.01 9.0 14D1

10.70 24.04 0.67 13.34 T.P.

9.04 15.0 6+0

2.04 22.0 5+0

10.01 32.84 1.21 22.83 T.P.

2.84 30.00 4+0

11.72

43.86
0.88

31.96 T.P.

113

1.1
3.88
6.27
10.15

+ H.I. - Rod Elev. Remarks

43.68

0.68 43.0 3+0

9.62 52.61 0.69 42.99 T.P.

4.61 48.0 2+0

10.62 60.57 2.66 49.95 T.P.

9.16 68.66 1.07 59.50 T.P.

1.50 67.16 67.26

13.06

Pg. 37

1.30 13.06

11.76

7.06 6.0

6.06 7.0

10.34

2.72

6.0

4.27

18.127

5.60

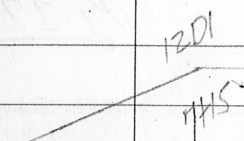
4.67

114

NORFOLK COUNTY WOLLASTON RECREATION FACILITY

391

Location of 12" Corr. drain pipe
as approved by Charles Feely



5+0

X

115

TON RECREATION FACILITY

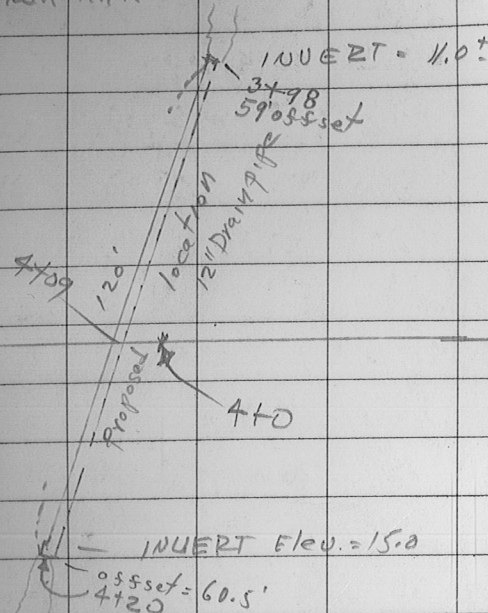
across 12+H Fairway
architects representative.

SIMPSON
Leone

Nov. 26, 1975

chain link

Fence R.L.



4+19
offset
= 79'

invert = 17.98

F103

Existing
24" Corr.
Pipe

6-20' Lengths
of Pipe
= 120'

Plan call's for
110' Pipe

116

391

3.63

64.63

61.00

2.33

59.26

7.70

56.93

56.93

2.33

59.26

117

59.26

55.00

59.26

59.26

Inst.

Tape

Wthr & Temp.

Date

Crow

54.21

118

391

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

119

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

1120

NORFOLK COUNTY WOLLASTON

/391

Survey to connect town line
Survey Control Monument,
Mass. D.P.W. survey traverse
Southeast Expressway and

213 H

X Pikes

W 213 J

Southeast

N 44° E

S 43° E

2250.47

Town

400

Pg. 122

213 K

210° 55' EX
1073.341

213 L

(C) (Page 129)

1500.74

213 M

121

RECREATION FACILITY

bounds and City of Quincy
stamped "GOLF" to the
213 which runs along the
Granite Ave.

Simpson
Beyer
Leonie

March 26, 1975

cloudy, Windy

F.

* A = 213° 21' 00"
280° 03' 00"
213° 21' 00" ✓

* B = 146° 39' 00"
79° 57' 00"
146° 39' 00" ✓

* C = 156° 55' 10"
110° 45' 40" ✓
156° 55' 13" ✓

* D = 203° 04' 50"
249° 14' 20"
203° 04' 47" ✓

* E = 53° 47' 40"
161° 22' 40" ✓
53° 47' 33"

Note: See Laser Ranger Measures
in ENU. # 681

391

Description of Town Bd.

A rough cut stone monument

1' x 0.7' in section and

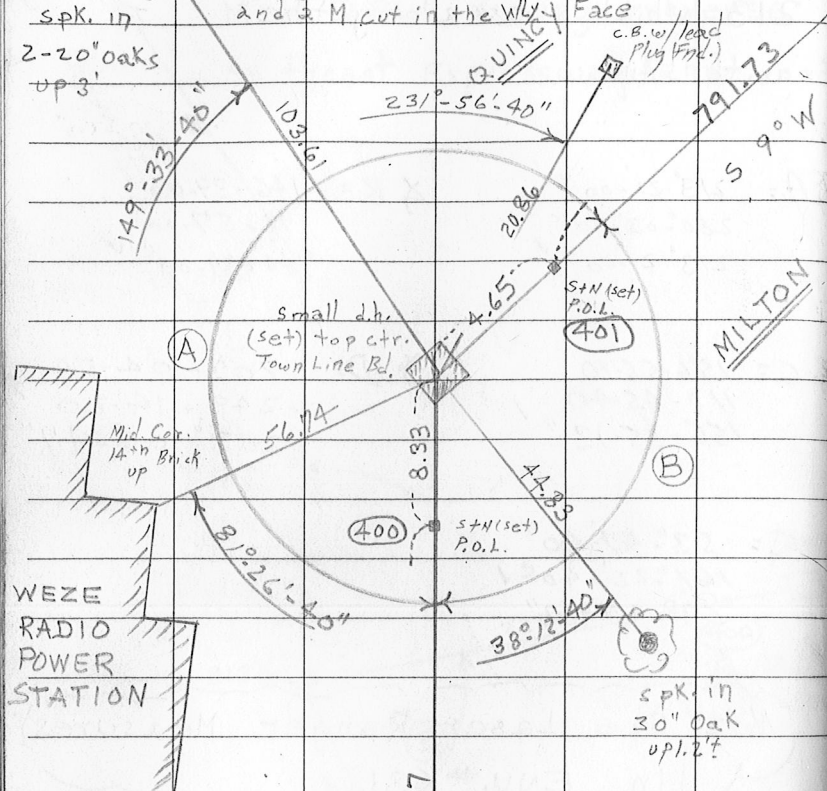
3' high with a Q cut on the Ely Face

and a M cut in the Wly Face

s.p.k. in

2-20" oaks

up 3'



T=40°

38.70
56.75 6.14
- .01
56.74 44.84
- .01
44.83

5
4
3
2
1

2250.47

s.p.k. in
30" Oak
up 1.2'

A = 232-00-40

B = 127-59-20

336-02-20 ✓

23-57-40 ✓

232°-00'-47"

127°-59'-13"

A @ 400 sight on 213K V.A. = 00°-39'-30"

A @ 213K sight on 400 V.A. = 00°-37'-30"

April 1, 1975

T = 37°

P.P.M. = 109 cloudy, slight wind

Single Glass Reflector

No Filter

Bar: 30.35

Ranger @ 400 Reflector @ 213K

Feet

Meters

2250.58

685.995

.60

.995

.59

.989

.60

.992

2250.59

685.993

AVE = 2250.592

AVE. 685.9928 x 3.2808333 = 2250.628

2250.592

+ 2250.628

Avn. = 2250.610 x AVE V.A. 0-38-30 = 2250.47

0.89

15.66

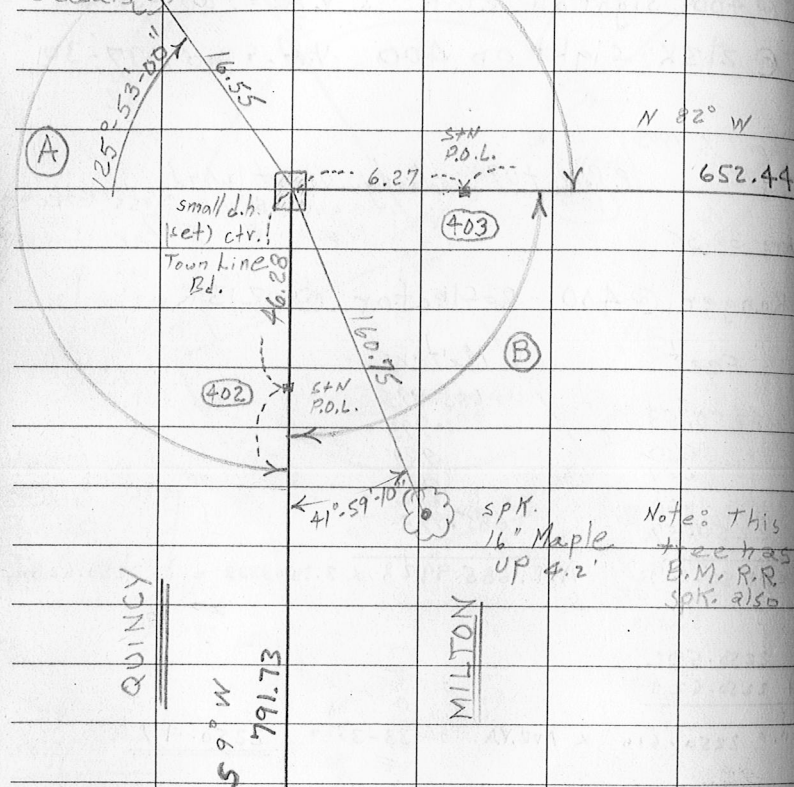
16.55

small spk.

up 6" in

2.3" cedars

Description of Town line
Bound - throughout stone
monument 1' x 0.6' in
section and 1.4' High
with a M painted on
WLY. side



QUINCY

59° W

791.73

MILTON

98.25

62.52

160.77

-0.02 Temp

160.75

RECREATION

FACILITY

X A = 268-00-40

84-01-40

268-00-33

X B = 91-59-10

275-57-50

91-59-17

K @ 401 sight on 402 V.A. = 03°-00'
K @ 402 sight on 401 V.A. = 02°-57'

T = 42°

P.R.M. = 112

April 1, 1995

Used Filter

Single Glass Ref.

Bar. = 30.25

Ranger @ 402 Reflector @ 401

Feet

Meters

792.80

241.647

.82

.646

.80

.646

792.80

241.645

AVE 792.80

AVE = 241.646 ~ x 3.2808333 = 792.80

AVE = 792.80 x AVE V.A. 02°-58-30 = 791.73

Ranger @ (405) Reflector @ (404)

Feet	Meters	4/7/75
410.65	125.168	T = 50°
.64	.167	Bar 29.95
.63	.170	PPM = +20
.66	.165	
410.64	125.170	
AVR.	125.168 ^m	Using Filter Single Glass
410.644	410.655'	Reflector
AVR = 410.650 x cos 08° 42' = 405.925		

Ranger @ 213M Reflector @ 213N

Feet	Meters	4/2/75
1842.10	561.485	T = 51°
.12	.481	Bar = 30.35
.11	.478	PPM = +16
.10	.474	
1842.11	.474	
AVR.	561.478	
1842.108	561.4792 x (3.2808333) = 1842.120	
AVR = 1842.114 x cos 0° 53' = 1841.895		

Ranger @ 213M Reflector @ 213L

Feet	Meters	4/2/75
1500.70	457.430	T = 51°
.71	.429	Bar = 30.35
.71	.426	PPM = +16
.73	.424	
1500.71	457.425	
1500.712	457.4268	1500.741'
AVR.	457.4268	

AVR 1500.727 x cos 0-16-30 = 1500.709

π @ (404) sight on (405) V.A. = 08° 41'

π @ (405) sight on (404) V.A. = 08° 43'

π @ (213M) sight on (213N) V.A. = 10° 54'

π @ (213N) sight on (213M) V.A. = 10° 52'

π @ (213M) sight on (213L) V.A. = 00° 15'

π @ (213L) sight on (213M) V.A. = 00° 18'

π @ (213L) sight on (213K) V.A. = 01° 38'

π @ (213K) sight on (213L) V.A. = 01° 35'

Ranger at 213K Reflector at 213L

Feet	Meters	April 2, 1975
1073.75	327.289	T = 47°
.74	.285	Bar = 30.1
.76	.287	PPM = +17
.75	.290	
1073.75	327.289	
1073.75	327.2880 =	Single Glass Reflector
	1073.777	Filter Used windy
AVR = 1073.764 x cos 01° 36-30 =		

1073.341

NORFOLK COUNTY WOLLASTON

Approximate Staking - A at James K. Logue residence

House #86	Cedar Terrace St.
-----------	-------------------

RECREATION

FACILITY

ENV. # 681

Note: See Plan by
Henry Mackay, Surveyor

E. Milford

Vol. 781 P. 185 Dated March, 1897

SIMPSON

Leone
Beyer



74.8
67.0
141.8

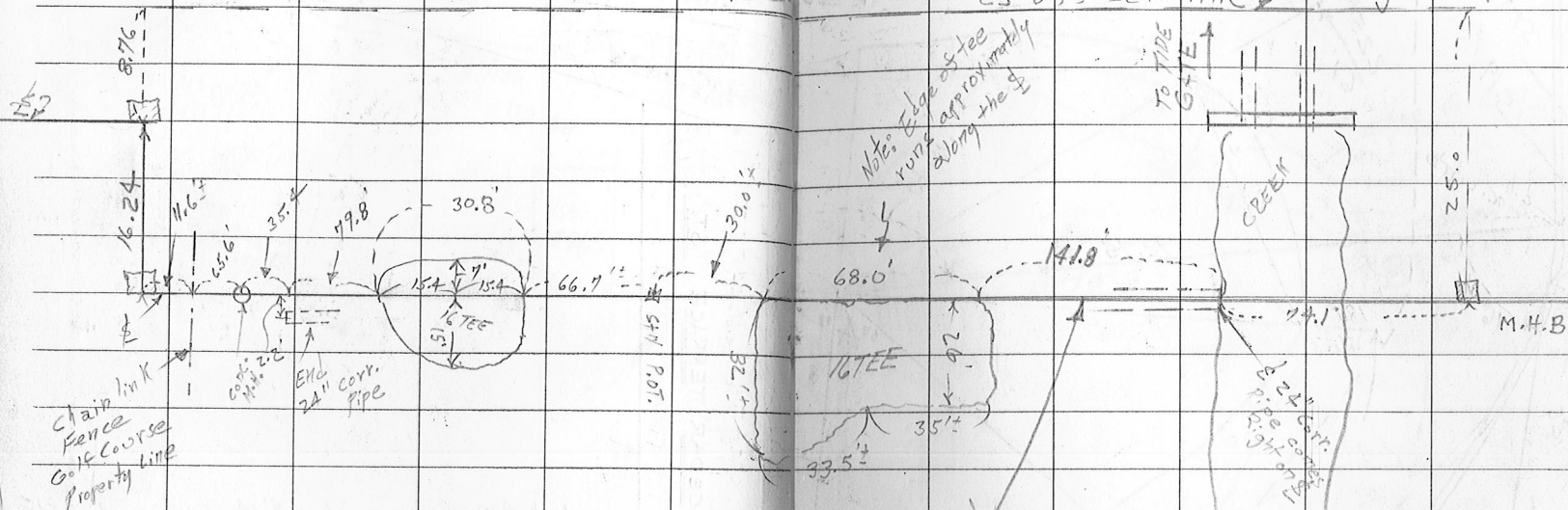
Location of TEES & Drainage Pipe near Granite Ave.

Cold Spring NOV. 14, 1975
Simpson
Leone

To Neponset River →

GRANITE AVE.

25' offset line 2 see Pgs. 86 & 87



11.6
65.6
35.4
79.8
30.8
66.7
30.0
68.0
141.8
74.1

603.8

Call O.K. 603.83
Pg. 87

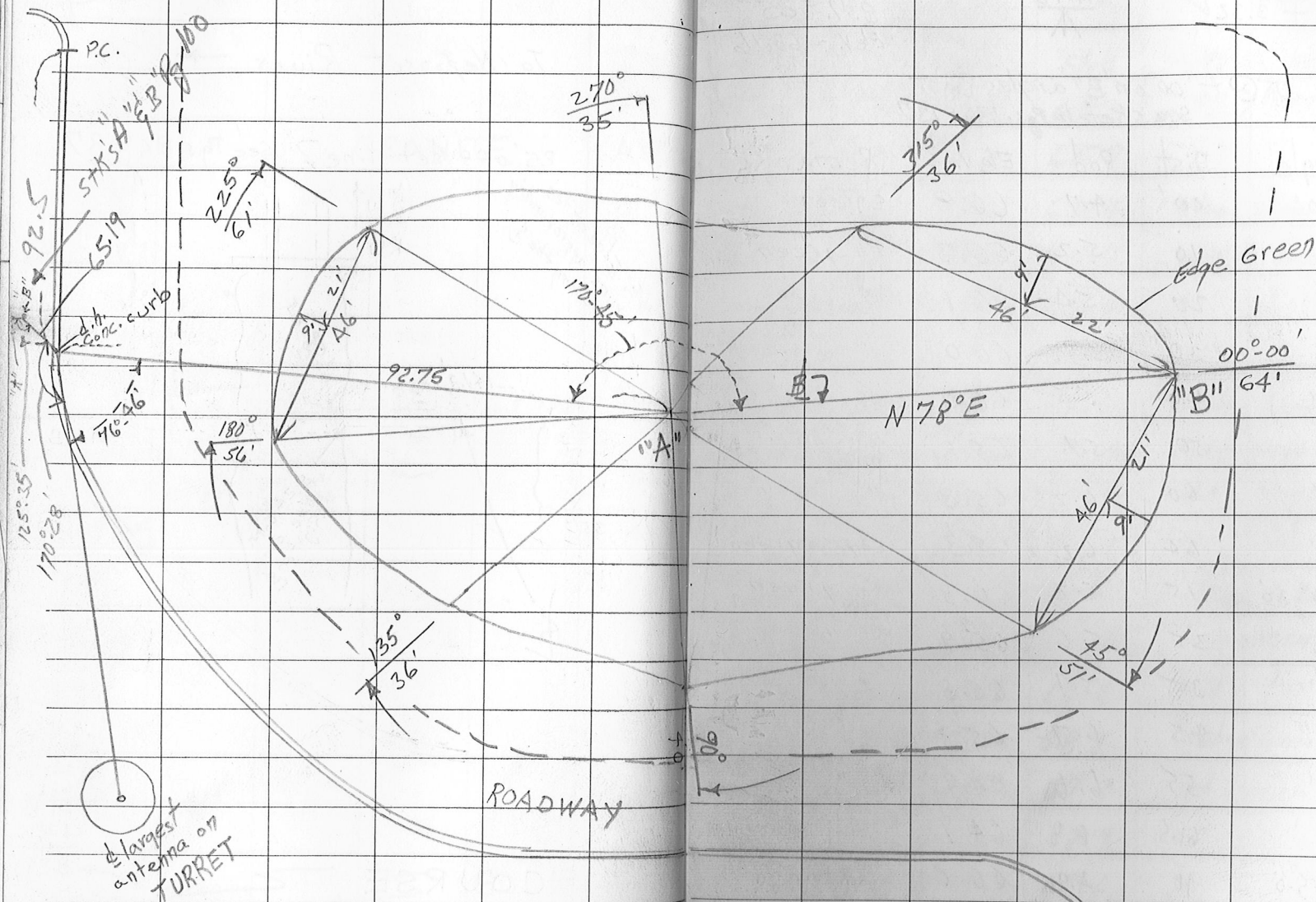
GOLF

COURSE

FINAL LOCATION OF

DEC. 16, 1975 Simpson
Leone

PRACTICE GREEN



138

NORFOLK COUNTY WOLLASTON RECREATION FACILITY

139

391

Levels on Practice Green

+ 3.32 ✓

71.48 ✓



B.M. #25

Elev. = 68.16

⊥ @ "A" 00° on "B" angles Right
see sketch Pgs. 136 & 137

Angle	Dist.	Rod	Elev.	Remarks
00°	00'	4.7	66.8	on green
"	10	5.2	66.3	on green
"	20	5.4	66.1	" "
"	30	5.5	66.0	" "
"	40	5.5	66.0	" "
"	50	5.7	65.8	" "
"	60	6.2	65.3	" "
"	64	6.2	65.3	Edge green
22°-30'	15	5.2	66.3	on green
"	25	5.6	65.9	"
"	35	5.7	65.8	"
"	45	6.2	65.3	"
"	55	6.6	64.9	"
"	61.5	6.8	64.7	Edge Green
45°-0'	10	4.9	66.6	on green
"	20	5.0	66.5	"

✓ L.J.B.

Dec. 16, 1975

Cloudy & Drizzle

Simpson
Leone

71.48 ✓



Angle	Dist.	Rod	Elev.	Remarks
45°-0'	30	5.3	66.2	on green
"	40	5.6	65.9	" "
"	49.5	6.1	65.4	Edge green
67°-30'	15	4.8	66.7	on green
"	25	4.9	66.6	" "
"	35	5.1	66.4	" "
"	43	5.3	66.2	Edge Green
90°-0'	10	4.5	67.0	on green
"	20	4.4	67.1	" "
"	30	4.4	67.1	" "
"	38.5	4.3	67.2	Edge Green
112°-30'	15	4.1	67.4	on green
"	25	3.7	67.8	" "
"	35.5	3.2	68.3	Edge Green
135°-0'	10	4.2	67.3	on green
" "	20	3.6	67.9	" "
" "	30	2.9	68.6	" "
" "	35.5	2.4	69.1	Edge Green

✓ L.J.B.

140

391

NORFOLK COUNTY WOLLASTON

71.48

Angle	Dist.	Rod	Elev.	Remarks
157°-30'	5	4.4	67.1	on green
" "	15	3.7	67.8	" "
" "	25	3.1	68.4	" "
" "	35	2.2	69.3	" "
" "	42.5	1.6	69.9	Edge Green
180°-0'	10	4.2	67.3	on green
	20	3.5	68.0	" "
	30	2.9	68.6	" "
	40	2.5	69.0	" "
	50	2.4	69.1	" "
	55	2.0	69.5	Edge Green
202°-30'	15	4.1	67.4	on green
	25	3.8	67.7	" "
	35	3.6	67.9	" "
	45	3.4	68.1	" "
	55	3.3	68.2	" "
	61.5	3.0	68.5	Edge green

✓ L.J.B.

71.48

141

Simpson
Price

RECREATION FACILITY

Angle	Dist.	Rod	Elev.	Remarks
225°-0	10	4.5	67.0	on green
" "	20	4.2	67.3	" "
" "	30	4.0	67.5	" "
" "	40	3.9	67.6	" "
" "	50	3.6	67.9	" "
" "	60.5	3.4	68.1	Edge Green
247°-30'	15	4.6	66.9	on green
" "	25	4.5	67.0	" "
" "	35	4.6	66.9	" "
" "	43	4.5	67.0	Edge Green
270°-0	10	4.9	66.6	on green
" "	20	4.9	66.6	" "
" "	30	5.0	66.5	" "
" "	35	4.9	66.6	Edge Green
292°-30'	5'	5.0	66.5	on green
" "	15	5.1	66.4	" "
" "	25	5.3	66.2	" "
" "	32	5.0	66.5	Edge green

✓ L.J.B.

391

71.48 ✓

A

Angle	Dist.	Rod	Elev.	Remarks
315°-0	10	5.1	66.4	on green
"	20	5.3	66.2	" "
"	30	5.2	66.3	" "
"	36	5.4	66.1	Edge Green
337°-30	15	5.3	66.2	on green
"	25	5.5	66.0	" "
"	35	5.3	66.2	" "
"	45	5.4	66.1	" "
"	52	5.5	66.0	Edge Green
11°-15'	65	6.5	65.0	Edge Green
33°-45'	55	6.4	65.1	"
56°-15'	46	5.7	65.8	"
78°-45'	41	4.7	66.8	"
101°-15'	36.5	3.7	67.8	"
123°-45'	35	2.8	68.7	"

✓ L.J.B.

71.48 ✓

A

12/16/75

Simpson
Leone

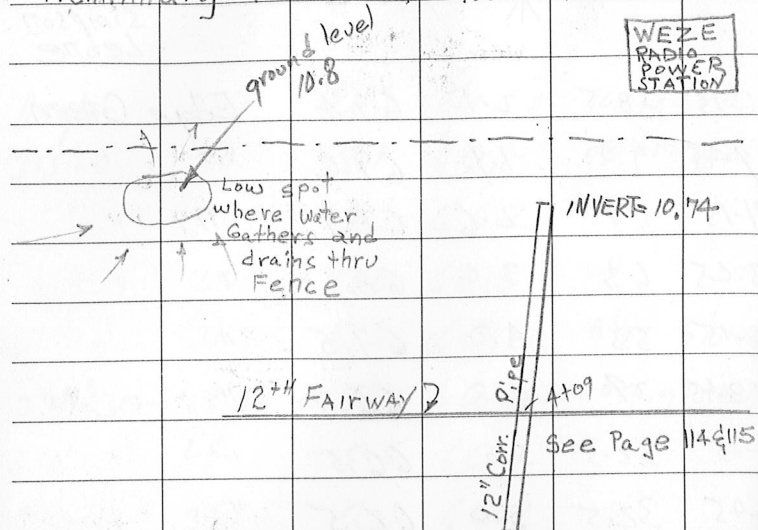
146-15	38.5	2.1	69.4	Edge Green
168-45	48	1.9	69.6	"
191-15	59	2.6	68.9	"
213-45	63	3.4	68.1	"
236-15	53	4.0	67.5	"
258-45	37	4.8	66.7	"
281-15	32.5	5.0	66.5	"
303-45	32.5	5.0	66.5	"
326-15	44.5	5.4	66.1	"
348-45	61	5.9	65.6	"

+2.46 ✓	62.99 ✓	-10.95 ✓	60.53 T.P.
	A		
		-5.97 ✓	57.02 (57.04)
			T.P. 10 P/e
			Pg. 18

✓ L.J.B.

391

Preliminary levels of low areas on the

WEZE
RADIO
POWER
STATION

INVERT = 10.74

12" FAIRWAY

12" CORR. PIPE

A+09

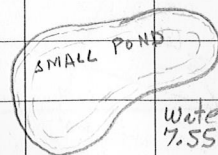
See Page 114 & 115

+	H.I.	—	Rod	Elev.	Remarks
2.17	17.29 ^v			15.12 ^v	B.M. #6 ^v Pg. 16
4.58	13.90 ^v	7.97		9.32 ^v	Top Stk. in Pond
				1.17 down	to H ₂ O level 7.55 Pond level
			6.98	6.92 ^v	water level 05 Sta. 4 Marsh 12/2/75 10:30 AM
			7.55	6.35 ^v	Low spot between Pond & Marsh
5.75	17.85 ^v	1.80		12.10 ^v	T.P. Rock
3.67	16.75 ^v	4.77		13.08 ^v	T.P.
		4.89		11.86 ^v	B.M. #5 11.92 co. 11/1/75 Pg. 16

Dec. 2, 1975

Simpson
Ledne
Kelly

NLY. side of Golf Course

SALT MARSH
Water level 6.92
12/2/75 10:30 AMLow
SpotTHIS AREA NOW FILLED IN
HOWEVER AT ONE TIME WATER
MAY HAVE FLOWED FROM POND
TO SALT MARSHSMALL POND
Water level =
7.55 12/2/75 11 A.M.

+	H.I.	—	Rod	Elev.	Remarks
4.20	16.55 ^v			12.35 ^v	B.M. #28 ^v Pg. 14
			5.81	10.74 ^v	INVERT 12" CORR. PIPE
			2.67	13.88 ^v	Top Stk. @ Low spot
				3.1 down	to grade = 10.8 ground level
			4.20	12.35 ^v	B.M. above

Note: These preliminary levels were taken as a result of complaints of homeowners who felt as though water was coming off the golf course and into their cellars. We took the levels to determine the feasibility draining surface water to the small pond or to the salt marsh.

Wayne Simpson

146 NORFOLK COUNTY WOLLASTON RECREATION FACILITY 147

NEW PARKING LOT LAYOUT

89.80
14.75
104.55

391

8" P_g 100

Concrete curb

116' Car.

Building 42' line of new close

60'

31° 57'

104.55'

60
201

261.0

6.5

254.5

R=10'

"A" P_g 100

1975

Simpson
Leone

31° 57' 15'

18
12
58
58
146

Edge Roadway set
up parallel with
Building line

153' Plan

201'

12' 18'

58'

58'

146' Total

STK.

13'

dim. on
line in
conc. Ret.
Wall

Back Edge Parking lot

NORFOLK COUNTY WOLLASTON

SIMPSON
PRISCO

LOCATIONS AT SITE OF PROPOSED

CLUBHOUSE

1/20/76

1/21/76 K @ "B" Pg. 100 00'-00' 07' "A" Pg. 101

+ 3.96

72.12

B.M. #25 Elev. V
= 68.16

X	Dist.	Rod	Elev.	Remarks
00°	57'	3.9	68.2	Existing Ground
00°	0'	4.9	67.2	" "
180°	20'	4.7	67.4	" "
" "	35.5	4.6	67.5	on Back Bit. S.W. Binder only
" "	41.6	4.75	67.37	Top Face Conc. curb
" "	" "	5.1	67.0	@ curb on dirt Roadway
" "	50.6	5.4	66.7	E Roadway No Bit.
" "	59.6	5.4	66.7	Edge Roadway
180.30	107	4.9	67.2	Edge Green under const.
179-50	91	4.6	67.5	" "
185-10	76	3.9	68.2	" "
196-20	67	3.4	68.7	" "
209-10	77	2.5	69.6	" "
214-50	98	1.8	70.3	" "
213-05	115	1.5	70.6	" "
168-50	90			24" Cherry Tree
156-20	81			24" Cherry Tree

RECREATION FACILITY

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X	Dist.	Rod	Elev.	Remarks
				Light Post Conc. Base 1.5 x 1.5
150-20	84'			ETW
161-00	123	9.3	62.8	" "
153-10	123	9.4	62.7	" "
147-00	89	9.3	62.8	" "
148-50	76	8.5	63.6	" "
164-00	54	6.5	65.6	ETW.
220-16	62	3.7	68.4	" "
233-30	81	3.3	68.8	" "
236-00	107	4.1	68.0	" "
234-50	129	5.2	66.9	" "
246-55	92			Light Post Conc. Base 1.5 x 1.5
225-30	54.4	2.85	69.27	on Conc. curb @ P.C.
"	"	3.4	68.7	@ curb on Roadway
215-40	68	3.7	68.4	ETW
223-30	45.4	3.0	69.1	End Cor. of Bit. S.W. on Binder
229-35	58.4			End Curb
232-35	62.5			" "
237-20	72.7	2.31	69.81	on Face curb
"	"	3.1	69.0	@ curb on Roadway R/L
240-00	84.7			Face conc. curb @ end Bit. S.W.

391

72.12
N

X	Dist.	Rod	Elev.	Remarks
243-55	84	2.2	69.9'	END cor. of Bit. S.W.
244-10	105	2.8	69.3'	on Back Bit S.W. Border only
240-20	113	3.3	68.81'	on Face curb
11-11	"	4.0	68.1'	on dirt ETW
236-25	142			Face curb
228-35	88	3.2	68.9'	ETW
231-40	116	4.9	67.2'	" "
243-25	113	3.2	68.9'	Back Bit. S.W.
148-30	51.9	6.90	65.22'	on Face curb
"	"	7.5	64.6'	on dirt @ curb
144-30	68	8.6	63.5'	E ETW
139-00	59.8	7.88	64.24'	on Top Face curb @ P.C.
"	"	8.6	63.5'	@ curb on dirt
136-00	62.7	9.04	63.08'	E Back C.B. on Rim 2 1/2'
132-56	64.2	8.24	63.88'	on Face curb
"	"	8.7	63.4'	on Ground @ curb
125-30	65.4			Face curb
120.00	63.8	8.19	63.93'	on Top curb @ End

72.12
N

X	Dist.	Rod	Elev.	Remarks
120.00	63.8	8.7	63.4'	on Ground @ curb
121-30	58	7.9	64.2'	END cor. of Bit. S.W.
134-40	55	7.5	64.6'	Back Bit. S.W. @ P.C.
103-00	56	8.9	63.2'	ETW under const
119-30	102'			Tel/ble 10-2
153-30	137'			Hyd.
98-00	64	9.7	62.4'	E.T.W.
117-00	72	9.0	63.1'	" "
102-00	42	7.4	64.7'	Existing Ground
127-00	47	7.0	65.1'	" "
149-50	29	5.6	66.5'	" "
103-10	18	5.7	66.4'	" "
68-10	16	5.5	66.6'	Ground @ Wood Post.?
00°	28'	3.7	68.4'	Existing Ground
00°	42'	3.9	68.2'	" "
27-30	34'	4.9	67.2'	" "
59-00	44'	6.5	65.6'	" "
31-00	56'	5.1	67.0'	" "

R/L

Δ	DIST.	ROD	Elev.	Remarks	
24-10	73'	4.2	67.9	EXISTING Ground	
32-00	88'			B.M. Tree #25 spread 48"	
304-0	13'	4.2	67.9	EXISTING Ground Edge Piled, rt	
293-10	36'	2.3	67.8	"	"
265-30	38'	2.9	69.2	EXISTING Ground	
245-40	45'	2.6	69.5	"	"
234-40	22'	3.6	68.5	"	"
238-20	52'	2.5	69.6	"	"
243-40	71'	2.2	69.9	"	"
248-10	64'	0.2	71.9	"	"
260-10	61'	0.1	72.0	"	"
A@B" 00'-00" on A"					
+ 4.49		72.65 A	- 3.96		68.16
89-20	55'	9.7	63.0	Top & Bot Bank Approx. ETW	
83-30	56'	8.7	64.0	Top Bank	
" "	59'	10.2	62.5	Bot Bank ETW under const.	
57-30	66'	8.0	64.7	Top Bank	
" "	70	10.5	62.2	Bot Bank ETW under const.	
54-40	67	6.8	65.9	+ Top Bank	

Δ	Dist.	Rod	Elev.	Remarks
41-40	81	6.7	66.0'	Top Bank
" "	89	11.1	61.6'	Bot Bank ETW. ETW under const.
46-10	93	11.6	61.1'	& T.W.
28-30	106	6.3	66.4'	Top Bank
24-00	97	5.4	67.3'	Existing Ground
39-50	74	5.7	67.0'	" "
328-20	15	4.3	68.4'	Bot. Edge Pile Dirt
334-55	32	4.2	68.5'	" " "
332-00	50	3.7	69.0'	" " "
134	34			Sta. Marking Loc. Steels
+ 5.40	73.56 ^v		-4.49	68.16
A				
A@B" 00'-00" on B"				
Δ	Dist.	Rod	Elev.	Remarks
65-50	36	4.4	69.2'	Edge Pile dirt
63-30	51	3.6	70.0'	" "
56-20	56	2.6	71.0'	" "
73-55	60	3.5	70.1'	Existing Ground
95-0	70	3.4	70.2'	Existing Ground Top Bank (edge)
112-30	52	4.1	69.5'	" "
149-00	46	5.3	68.3'	" "RT

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73.56

N

#	Dist.	Rod	Elev.	Remarks
169-10	61	7.4	66.2	Top Bk (edge)
181-00	95'	10.2	63.4	" "
175-30	92	11.0	62.6	ouslope
164-55	69	9.6	64.0	" "
128-10	60	7.7	65.9	" "
105-20	80	7.2	66.4	" "
99-00	37	4.6	69.0	Existing Ground
82-00	15'	4.8	68.8	" "
172-20	19'	4.6	69.0	" "
125-30	28'	4.2	69.4	" "
146-30	39.3			12" Maple spread 24'±
179-00	41	5.8	67.8	Existing Ground
188-00	58'	7.2	66.4	" "
208-50	71'	8.1	65.5	" "
207-40	88'	9.4	64.2	EXISTING GROUND @ End of 6' wide Hedge
195-30	102			6' wide hedge
193-30	109			End of 6' wide hedge
195-30	85'	9.3	64.3	Existing ground

#	Dist	Rod	Elev.	Remarks
219-45	77	8.7	64.9	Top Bk.
212-00	84	9.2	64.4	" "
215-10	92	13.5	60.1	Bot. Bk. ETW. Under Const.
218-05	107	13.8	59.8	ETW. Under Const.
230-45	84	13.0	60.6	" "
239-40	67	12.5	61.1	ETW Under Const.
241-15	46	6.0	67.6	EXISTING Ground
			-5.40	68.16 B.M. #25
N @ 4,00° on A. 8's Right (see Pgs. 100 & 101)				
	+7.76	73.92		68.16
76-00	51	5.2	70.7	Bot edge Pile of dirt
32-50	67	2.2	73.7	Top edge Pile dirt
25-30	52	2.2	73.7	" "
39-00	51	2.6	73.3	" "
55-30	54	4.6	71.3	EXISTING GROUND
70-30	67	4.1	71.8	" "
78-35	85	4.1	71.8	" "
94-10	83	4.0	71.9	" "
103-00	91	4.2	71.7	" "
112-00	50	4.3	71.6	" V.W.P.S.

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NORFOLK COUNTY

WOLLASTON

RECREATION

FACILITY

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Dist	Rod	Elev.	Remarks
120-25	83	4.8	71.1 Existing Ground
135-00	73	5.4	70.5 " "
148-00	72	5.6	70.3 " "
134-30	86		End of 6" wide WALK under const.
135-30	111		6" wide WALK under const.
145-40	63	6.5	69.4 EXISTING Ground
119-30	64	5.3	70.6 " "
97-00	65	4.8	71.1 " "
108-00	75	4.4	71.5 " "
86-55	61	3.9	72.0 " "
77-35	56		Stk marking Pipe underground
81-25	54		" "
71-30	50	2.5	73.4 EXISTING Ground
54-20	37	4.6	71.3 Edge of sand trap
73-40	25	4.2	71.7 " "
71-30	14	4.5	71.4 " "
102-45	12	4.3	71.4 " "
120-25	18	4.6	71.3 " "
116-30	33	4.3	71.6 " "
104-35	38	3.2	72.7 " "

Dist	Rod	Elev.	Remarks
81-45	45	2.8	73.1 Edge of sand trap
63-20	45	3.8	72.1 " "
74-40	40	5.8	70.1 IN TRAP
77-40	31	6.1	69.8 " "
100-20	27	6.3	69.6 " "
98-10	34	6.1	69.8 " "
132-20	30	3.3	72.6 EXISTING GRD.
150-50	31	3.5	72.4 " "
170-10	20	5.3	70.6 " Top slope
164-00	55	6.2	69.7 " "
175-30	57	9.6	66.3 on slope
191-40	31	9.4	66.5 " "
115-50	46	5.3	70.6 EXISTING GRD.
92-10	52	4.2	71.7 " "
	+3.08	71.24	-7.76 68.16
X2 A2 00-00' on A, X's est. See pg. 100 & 101			
Dist	Rod	Elev.	Remarks
143-30	29	10.1	61.1 Bot. Slope
105-10	26	9.7	61.5 " "
78-20	40	9.4	61.8 " "
69-20	68	9.5	61.7 " "

At A₂ 08-00' on A, x's set. See pg. 100 & 101

Dist	Rod	Elev.	Remarks
143-30	29	10.1	61.1' Bot. Slope
105-10	26	9.7	61.5' " "
78-20	40	9.4	61.8' " "
69-20	68	9.5	61.7' " "

391

7.24

X	Dist.	R.O.D	Elev.	Remarks
68-10	93'	9.5	61.7'	Bot Slope
68-20	148'	10.0	61.2'	" "
74-00	124'	9.0	62.2'	Perimeter 1 st Tee
78-00	85	9.0	62.2'	" "
88-50	47'	9.1	62.1'	" "
104-10	37'	9.5	61.7'	" "
127-00	40	9.3	61.9'	" "
129-40	56	9.3	61.9'	" "
117-50	71	9.2	62.0'	" "
102-15	90	9.6	61.6'	" "
95-10	138	9.7	61.5'	" "
89-20	157	9.8	61.4'	" "
83-15	162	9.3	61.9'	" "
77-00	146	9.1	62.1'	" "
106-10	57	9.0	62.2'	1 st TEE 0 to 0 E FAIRWAY
92-10	95	9.1	62.1'	E Tee
84-30	151	9.3	61.9'	E 1 st Fairway 140
		-3.08	68.16'	B.M. #25

✓ W.A.S.

obtaining Elevation of Hydrant
spindle located on Page 151

SIMPSON
P. 150

+1.20

69.36'

B.M. #25 68.16'

-3.72 = 65.64 Hyd. spindle
Pg. 151

Re-Run of above

+1.72

69.88'

68.16

-4.24 = 65.64
O.K.

✓ W.A.S.

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Inst.	Tape	Wthr & Temp.	Date	Crew
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[illegible]