

676

NATIONAL
410
CROSS SECTION BOOK

CANTON TURNPIKE ST 1/6/76
Inst. Tape Wthr & Temp Date Crew
TS18 CLOUDY 40'S 12/2/071 RTF
8167 FILE: CANTON TRAV CP

MHB MARK/SET
AC1 H1=4.96 BS 2 @ 5.23

FS 100 @ 5.10 MADOT BM 813B

HZ 100 34.05 DIST 200.776

101 @ 5.10 REBAR UP 0.15

HZ 23 28.09 DIST 134.708

102 @ 6.50 DN/FND

HZ 9 57.34 DIST 262.472

AC2 H1=5.23 BS 1 @ 4.96

FS 3 @ 5.31 DN/SET

HZ 5 30.11 DIST 535.574

AC2/BS 3/FS 1 A

HZ 5 54.29.49 DIST 970.016

2/676 CANTON TURNPIKE ST
 Inst. Tape Wthr & Temp Date Crew
 7516 CLOUDY 40'S 12/7/2021 RFF
 8167 FILE: CANTON TRAV CP
 CANTON SS

TC2 HI=5.23 BS1@4.96

FS 103 @ 5.10 MHB 6X6 GRANITE
 HZ 43.39.16 DIST 80.823 FLUSH

FS 104 @ 5.32 REBAR (THOMPSON &
 FARLAND)

HZ 47.44.54 DIST 72.507

FS 105 @ 5.10 MINI PK/FND

HZ 356.07.47 DIST 371.524

FS 106 @ 5.10 MASONRY NAIL/FND

HZ 356.07.34 DIST 371.592

TC3 HI=5.31 BS2@5.23

FS 4 @ 4.98 MAG/SET

HZ 244.27.39 DIST 325.915

TC3/BS4/FS2A

HZ 118.32.19 DIST 535.567

3/676
 Inst. Tape Wthr & Temp Date Crew

TC3 HI=5.31 BS2@5.23

FS 107 @ 5.10 MHB 6X6 GRANITE

HZ 159.20.55 DIST 113.987 FLUSH

FS 108 @ 5.10 6X6 SBDH DOWN 0.9'

HZ 204.33.46 DIST 86.655

FS 109 @ 5.10 MHB 6X6 GRANITE

HZ 7.40.23 DIST 82.066 IN BIT

~~FS 110 @ 5.10 6X6 BROKEN BAND DOWN 0.2'~~

~~HZ 234.53.40 DIST 239.45~~

TC4 HI=4.98 BS3@5.31

FS 5 @ 5.28 MAG/SET

HZ 203.16.05 DIST 248.123

TC4/BS5/FS3A

HZ 156.43.54 DIST 325.914

FS 110 @ 5.10 6X6 SBDH DOWN 0.5'

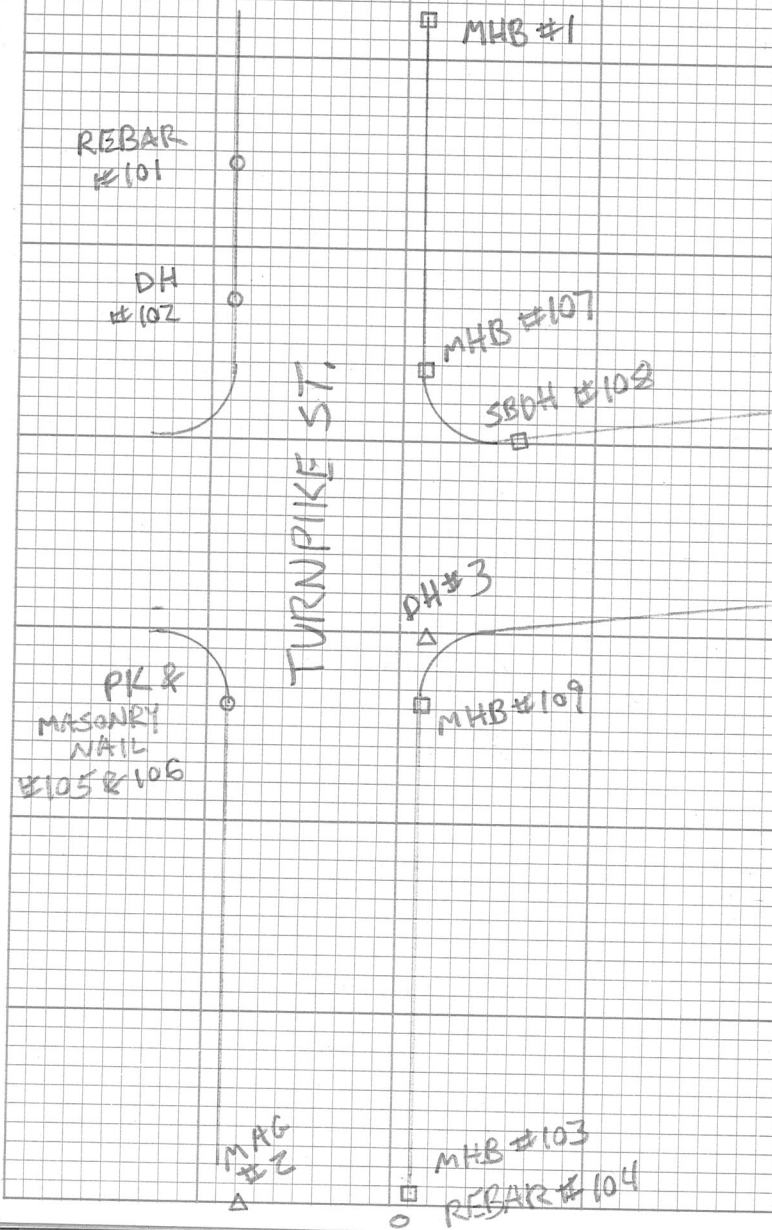
HZ 188.50.49 DIST 144.143

FS 111 @ 5.10 BM "A" BRASS RIVET
 IN GRANITE HEADER

HZ 23.51.29 DIST 5.089

4/6/76 CANTON TURNPIKE ST

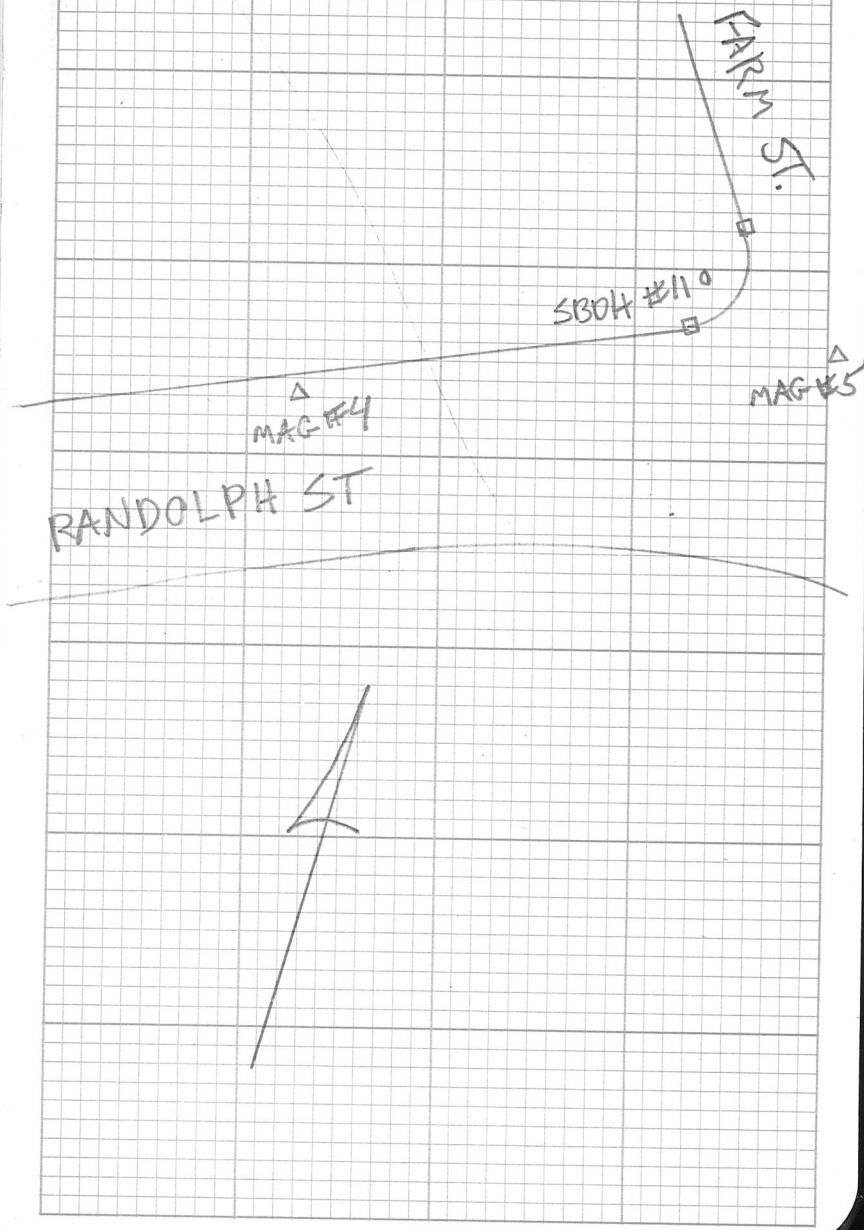
Inst. Tape Wthr & Temp Date Crew



RANDOLPH ST.

5/1/76

Inst. Tape Wthr & Temp Date Crew



6/6/76

SHARON

Inst.	Tape	Wthr & Temp	Date	Crew
T SIG		CLOUDY 503	5/2/2002	RFE
8157	FILE:1094_OPUS_TRAV			CP PR

K E MN 2 HI=5.53 BS MN 1 @ 5.30

FS MN 3 @ 5.16

HZ & 184.59.25 DIST 452.104

K E 2 / BS 3 / FS 1

HZ & 175.00.55 DIST

FS 100 SBDH UP 0.3 5.4

HZ & 4.17.12 DIST 388.783

FS 101 SBDH DOWN 0.2 5.3

HZ & 131.04.46 DIST 93.254

K E 3 HI=5.16 BS 2 @ 5.53

FS MN 4 @ 5.22

HZ & 62.11.54 DIST 2428.385

FILE:1094_LC_TRAV

K E 3 HI=5.16 BS 4 @ 5.22

FS MN 5 @ 5.35

HZ & 102.51.44 DIST

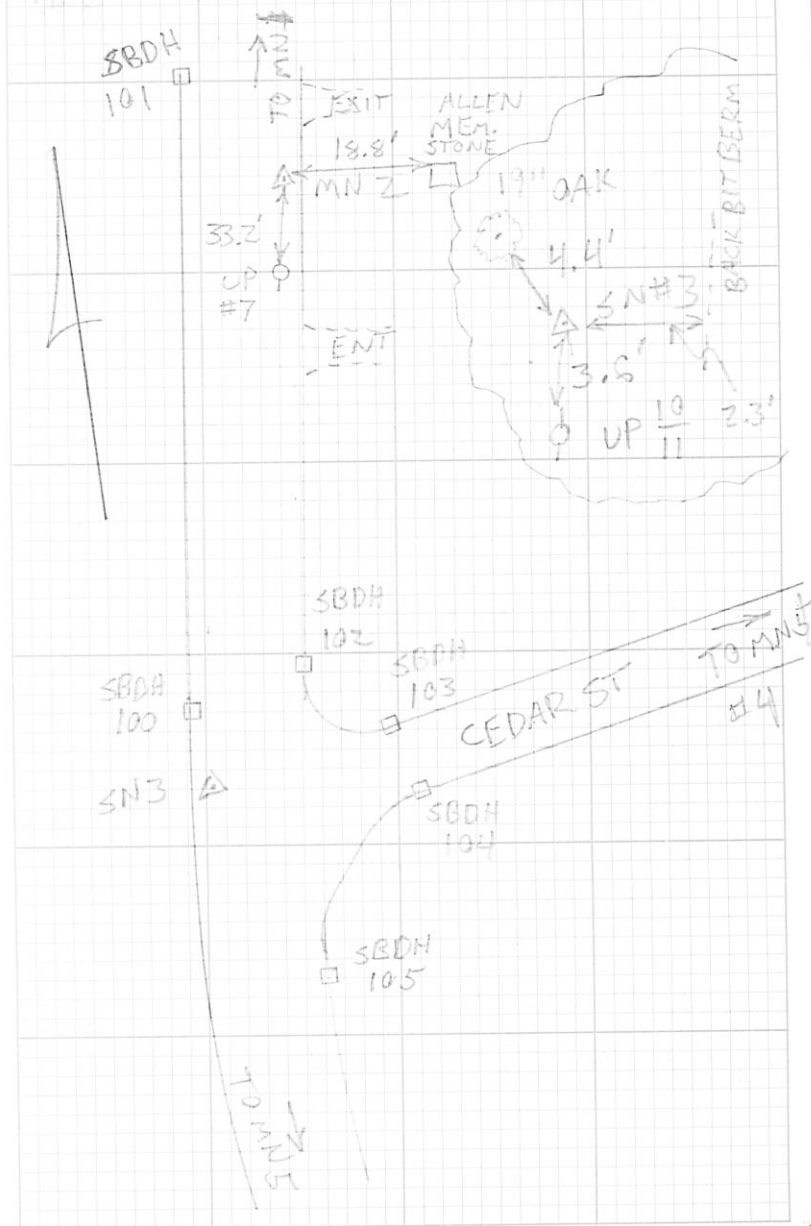
FS MN 2 @ 5.53

HZ & 297.48.06 DIST

EAST FOXBORO ST

7/6/76

Inst.	Tape	Wthr & Temp	Date	Crew
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8/676

SHARON

Inst.	Tape	Wthr & Temp	Date	Crew
7316		CLOUDY 50.3	5/2/2022	RYP
8167	FILE: 1094-LC-TRAV			GP
	1094-SS			PR

TC 3 HI = 5.16 BS4 @ 5.22

FS 102 SBDH DOWN 0.2

HZ 318.31.09 DIST 86.153

FS 103 SBDH DOWN 0.2

HZ 350.05.00 DIST 93.357

FS 104 SBDH DOWN 0.6

HZ 17.31.22 DIST 79.701

FS 105 SBDH DOWN 0.2

HZ 74.00.57 DIST 69.053

TC @ 5 HI = 5.35 BS3 @ 5.16

FS SNG @ 5.41

HZ 146.57.31 DIST 501.062

FS 106 SBDH FLUSH 5.1

HZ 23.21.47 DIST 116.105

FS 107 CBDH UP 0.2 5.5

HZ 118.33.29 DIST 86.570

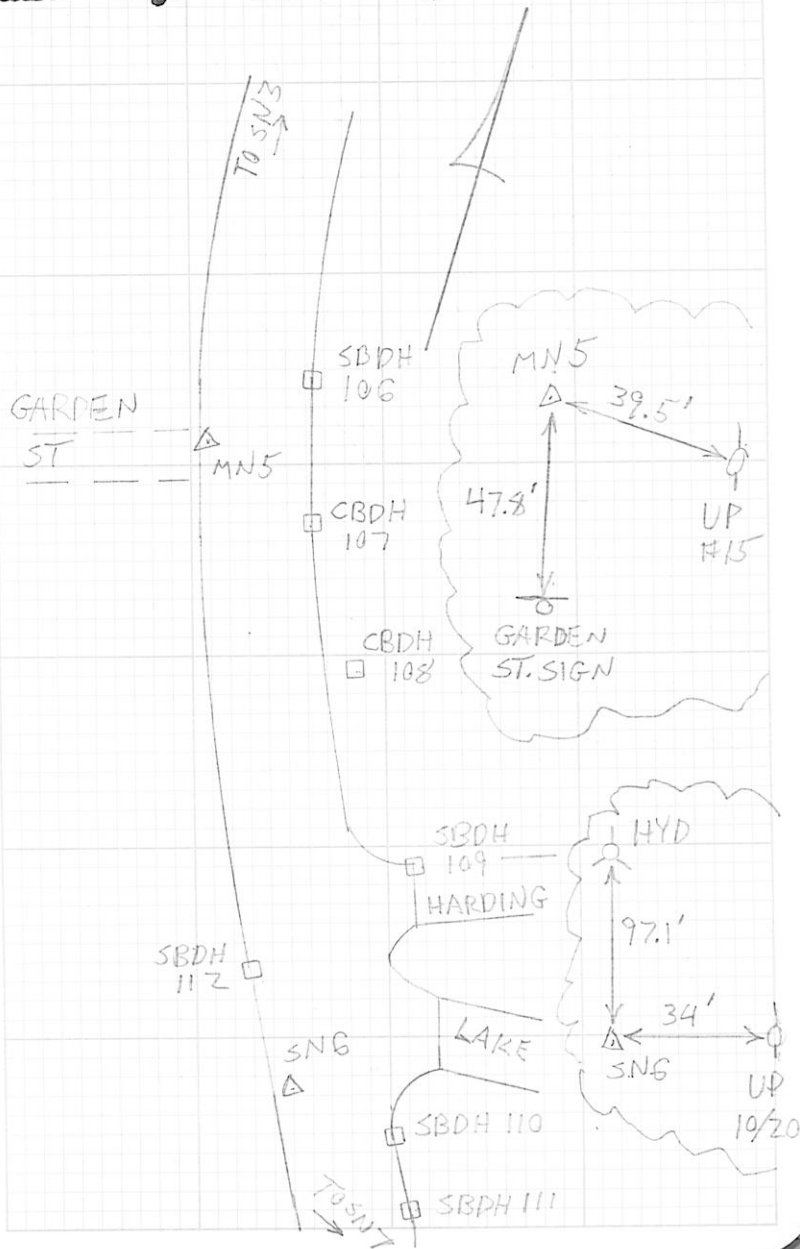
FS 108 CBDH UPO.2 5.4

HZ 141.09.03 DIST 229.809

EAST FOXBORO ST

9/676

Inst.	Tape	Wthr & Temp	Date	Crew
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10/676 SHARON

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLOUDY 50'S	5/2/2022	RTE
8167	FILE:1094	LC-TRAV		CP
	1094-SS			PR

T@6 HI=5.41 BS5@5.35

FS SN 7@5.36

HZ & 159.29.37 DIST 208.208

FS 109 SBDH DOWN 0.3 6.0

HZ & 21.27.44 DIST 179.815

FS 110 SBDH UP 1.0 5.5

HZ & 111.21.04 DIST 50.712

FS 111 SBDH DOWN 0.1 6.0

HZ & 129.14.10 DIST 68.264

FS 112 SBDH UP 0.3 7.0

HZ & 330.18.53 DIST 48.189

EAST FOXBORO ST

11/676

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLOUDY 50'S	5/3/2022	RTE
8167	FILE:1094	LC-TRAV		CP
	1094-SS			PR

T@6 HI=5.35 BS7@5.12

FS 113 SBDH DOWN 0.2 5.4

HZ & 21.06.56 DIST 55.833

T@7 HI=5.12 BS6@5.35

FS MN 8@5.23

HZ & 203.51.36 DIST 570.819

T@8 HI=5.23 BS7@5.12

FS MN 9@5.30

HZ & 58.12.28 DIST 318.399

FS 114 SBDH DOWN 0.8 ~~6.25~~ 5.4

HZ & 9.58.17 DIST 142.062

FS 115 SBDH UP 0.2 5.4

HZ & 348.58.18 DIST 162.094

FS 116 SBDH DOWN 0.7 6.0

HZ & 53.12.21 DIST 145.178

FS 117 SBDH UP 0.3 5.4

HZ & 249.12.04 DIST 168.628

12/6/76

SHARON

Inst. Tape Wthr & Temp Date Crew

TS 16 FILE: 1094-LC-TRV 5/3/2022

8157 1094-SS

TO 8 / BS 7 X (MAYBE HIT)
 FS 118 SBDH DOWN 0.2 5.4

HZ 8 237.33-48 DIST 451.06Z

FS 119 SBDH FLUSH (MAYBE HIT) 3.0

HZ 8 57.00-14 DKT 261.150

TO 9 #1 = 5.30 BS 8 @ 5.23

FS SN 10 @ 5.22

HZ 8 217.57-12 DIST 300.51Z

FS 120 SBDH DOWN 0.5 5.1

HZ 8 45.14.09 DIST 34.02G

FS 121 SBDH DOWN 0.5 5.0

HZ 8 152.53-57 DIST 28.230

FS 122 SBDH DOWN 1.0 6.0

HZ 8 202.07-07 DIST 29.884

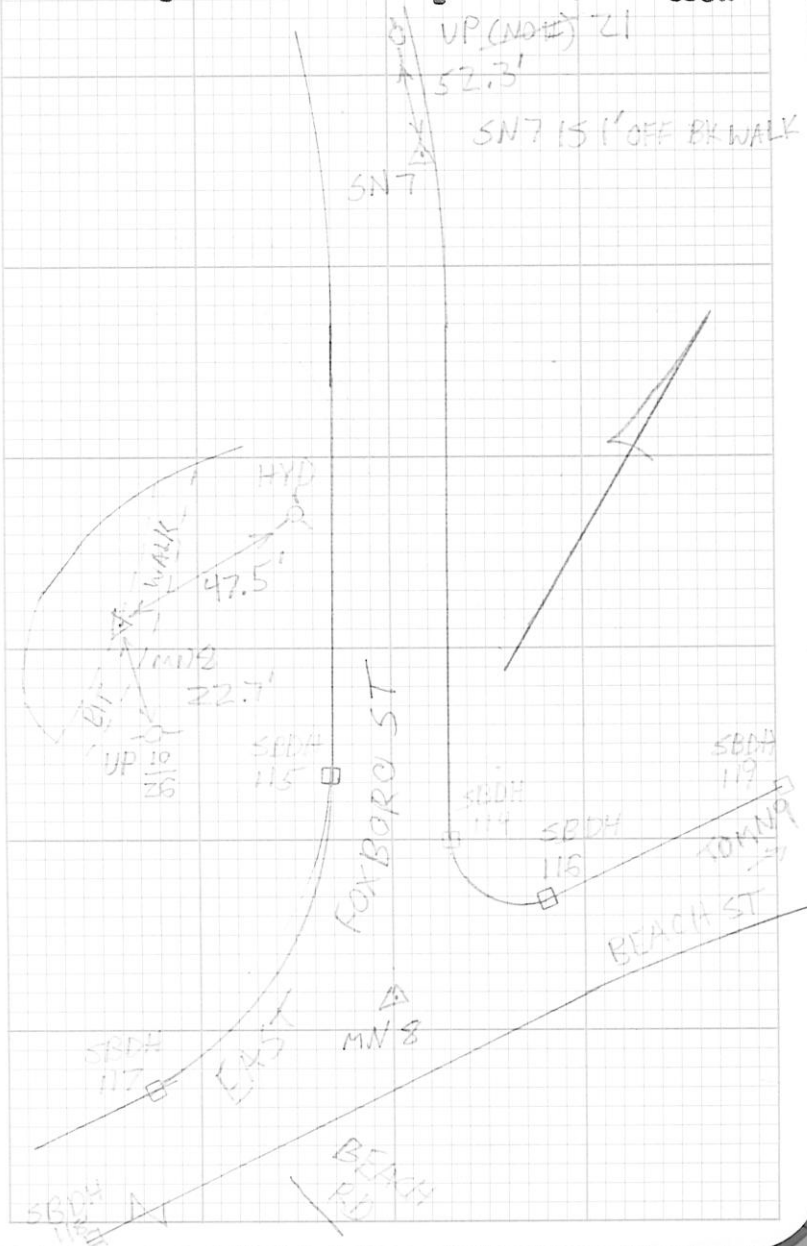
12/6/76

Inst. Tape Wthr & Temp Date Crew

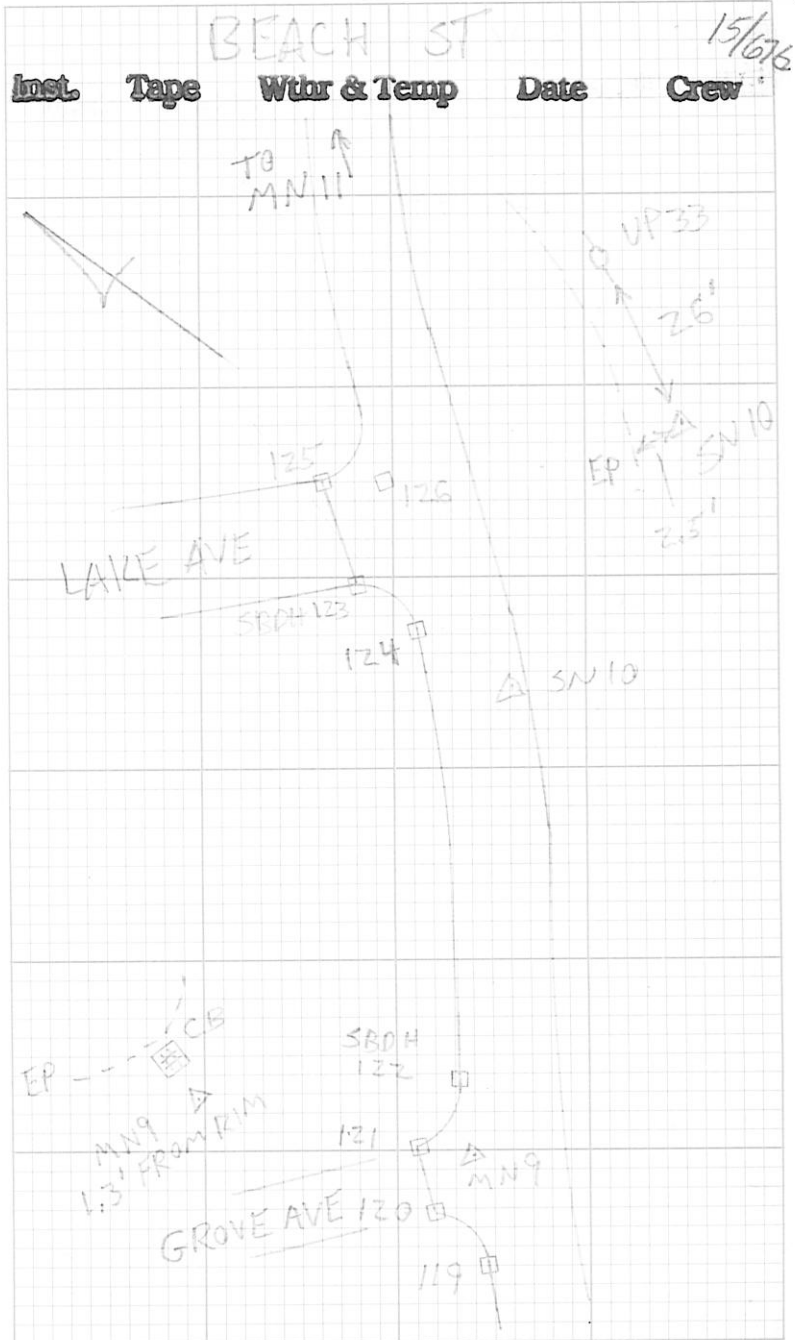
UP (NOISE) 21

52.3'

SN 7 15' OFF BK WALK



Inst.	Tape	Wthr & Temp	Date	Crew
14/676		SHARON		
TS16		CLOUDY 50'S	5/3/2022	RTF
8157	FILE:1094-LC-TRAV			CP
	1094-55			PR
	A@10:41=5:22	B59@5:30		
	FS MW 10 @ 5:30			
	H2 @ 152.21-38	DIST 495.952		
	FS 123 SBDH DOWN 0.2	5.4		
	H2 @ 140.19-41	DIST		
	FS 124 SBDH DOWN 0.1	5.1		
	H2 @ 148.49-13	DIST		
	FS 125 SBDH DOWN 0.3	8.5		
	H2 @ 145.21-43	DIST		
	FS 126 SBDH FLUSH IN WALKS	5.4		
	H2 @ 153.57-07	DIST		



16/676

SPARON

Inst	Tape	Wthr & Temp	Date	Crew
TS16		P. CLOUDY 60'S	5/5/2022	RTP
8107		FILE: 1094-LC-TRAV		CP
		1094-SS		PR

Kell H1=5.29 BS10 @ 5.12

FS 12 @ 5.21

HZ & 197.26.33 DIST 303.904

FS 127 SBDH FLUSH 5.4

HZ & 40.32.14 DIST 41.790

FS 128 RAILROAD SPIKE W/DIF IN WALK 5.4

HZ & 198.04.34 DIST 27.708

FS 129 1" IP W/MAG FLUSH 5.4

HZ & 249.40.44 DIST 75.235

FS 130 3/4" IP W/MAG DOWN 6.2 5.4

HZ & 227.42.02 DIST 111.594

FS 131 SBDH FLUSH IN DROVY 5.4

HZ & 195.32.07 DIST 160.444

FS 132 SBDH FLUSH

HZ & 216.12.33 DIST 169.462

FS 133 SBDH DOWN 0.1 IN WALK 5.4

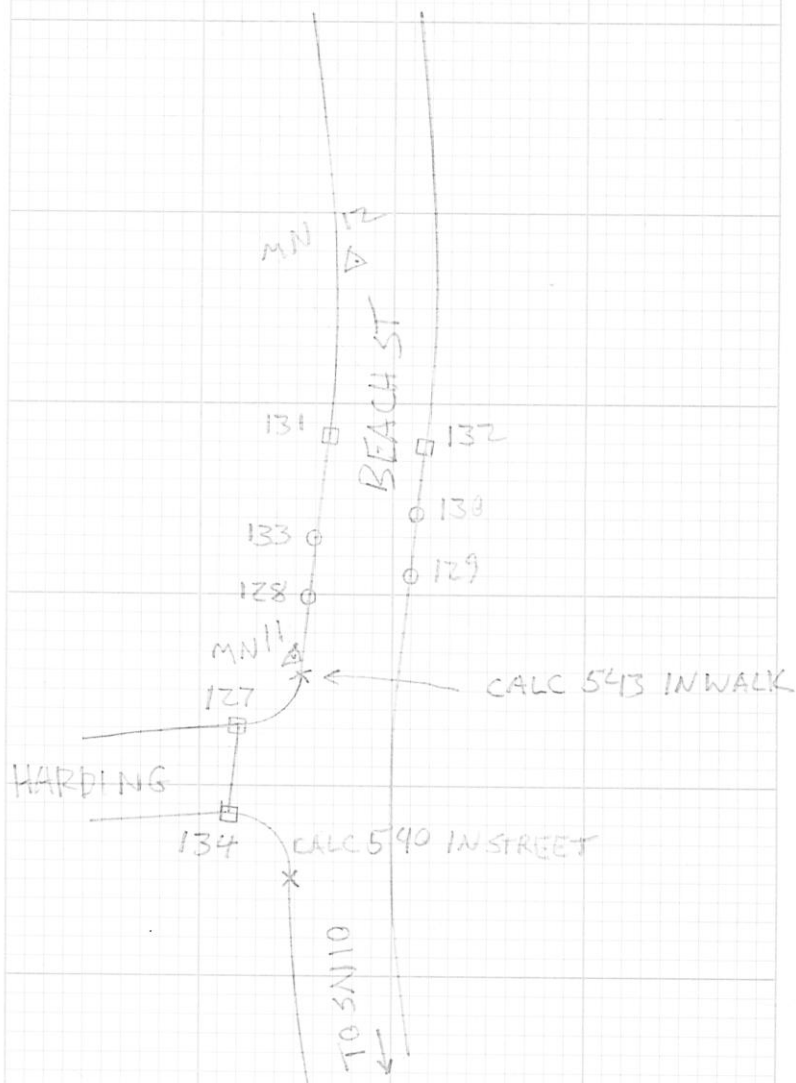
HZ & 195.00.47 DIST 77.350

FS 134 CENTER SB DOWN 1.3' NO DH 5.4

HZ & 30.44.53 DIST 83.624

17/676

Inst	Tape	Wthr & Temp	Date	Crew
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19/6/76

SHARON

Inst.	Tape	Wthr & Temp	Date	Crew
T316		P. CLOUDY 60'S	5/3/2022	RFE
8167				CP
				PR

FILE: 1094-LC-TRAN

1094-SS

T@12 HI=5.21 BS11@5.29

FS13@5.38

HZ&174.59.36 DIST 280.528

T@13 HI=5.38 BS12@5.21

FS14@5.35

HZ&150.21.03 DIST 447.235

FS135 SBDH UP 1.1'

HZ&182.29.49 DIST 66.295

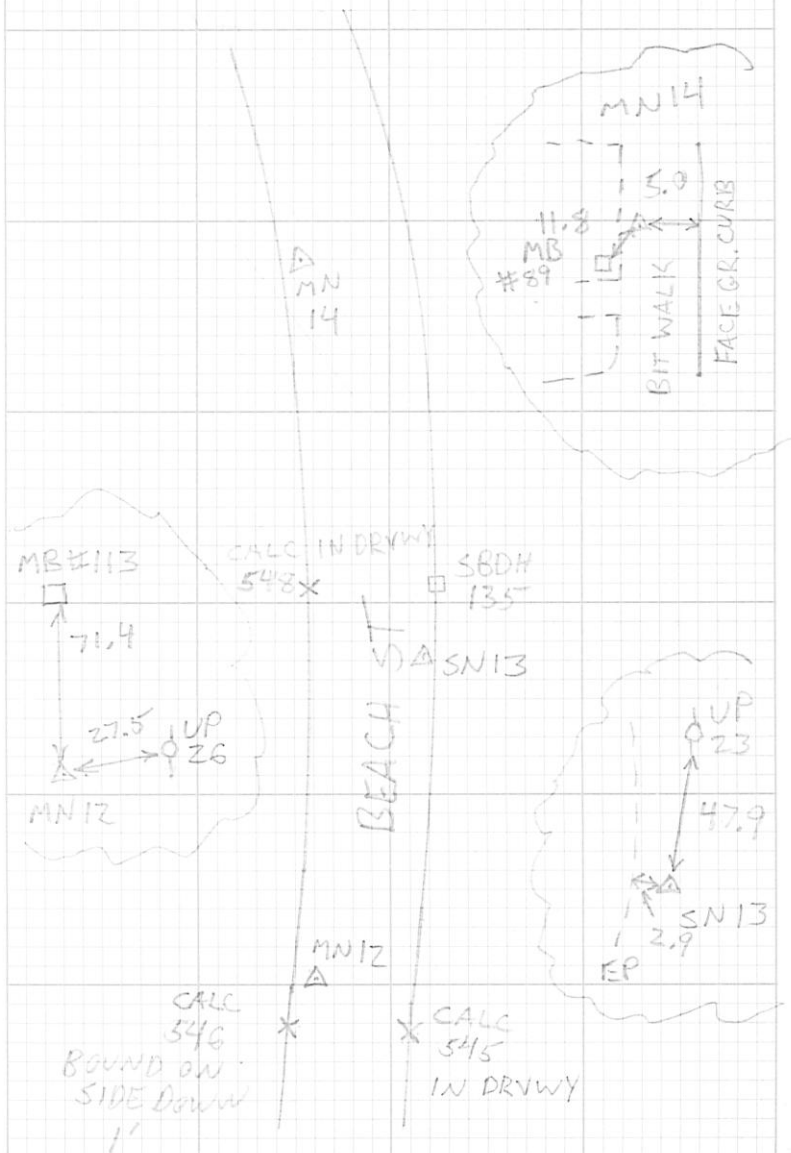
T@14 HI=5.35 BS13@5.38

FS15@5.49

HZ&175.20.24 DIST 323.618

Inst.	Tape	Wthr & Temp	Date	Crew
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19/6/76



20/676

SHARON

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		P. CLOUDY 60's	5/5/2022	RTF
8167	FILE: 1094_LC_TRAV			CP
	1094_SS			PR

TC @ 15 HI = 5.49 BS14 @ 5.35
FS 16 @ 5.59

HZ & 170.01.25 DIST 348.437

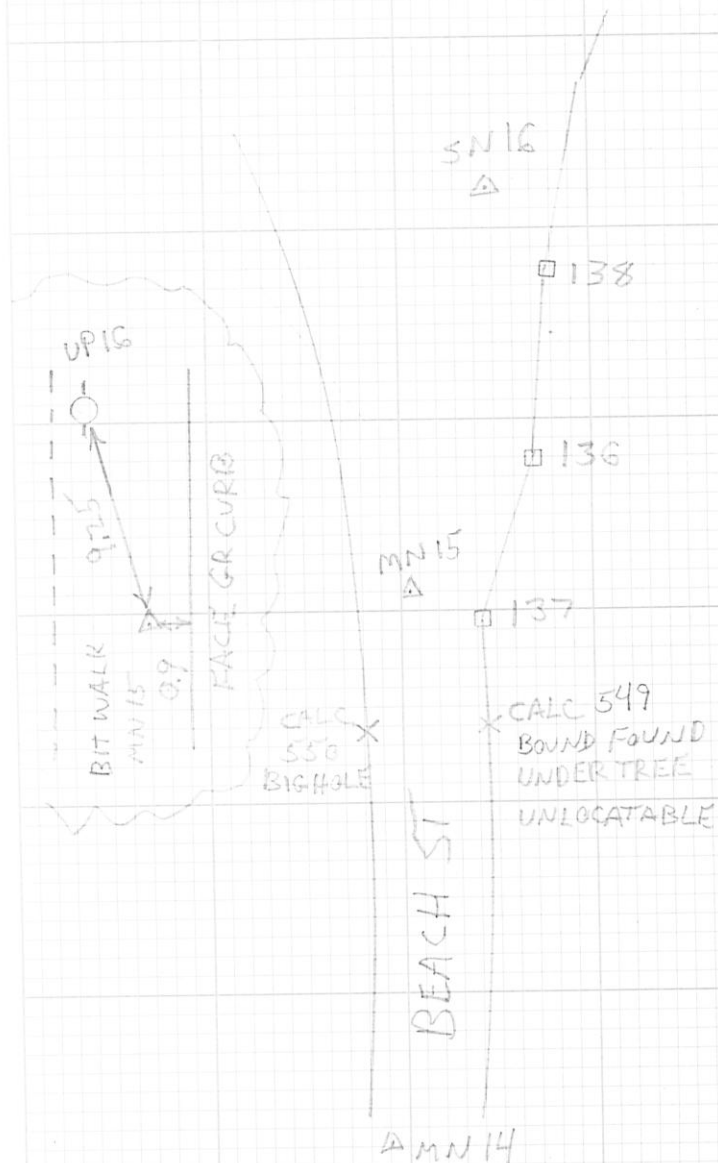
FS 136 SBDH FLUSH 6.0
HZ & 194.20.28 DIST 103.030

FS 137 SBDH DOWN 0.3 5.4
HZ & 317.30.48 DIST 39.007

FS 138 SBDH DOWN 0.3 5.4
HZ & 177.13.22 DIST 240.946

21/676

Inst.	Tape	Wthr & Temp	Date	Crew
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23/676

SHARON

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

TS 16 CLEAR 50'S 5/9/2022 RTF
8167 FILE: 1094_LC.TRAV CP
PR

16 1094_SS 15
π @ 15 HI=5.27 BS 16 @ 5.21

FS 4 @ 5.21

HZ & 106.36.46 DIST 163.0089

FS 17 (DH/SET) @ 5.18

HZ & 187.30.25 DIST 248.0983

π @ 4 HI=5.21 BS 16 @ 5.27

FS 3 @ 5.65

HZ & 133.32.11 DIST 2428.3724

FS 139 SRDH 5.4

HZ & 35.51.06 DIST 93.903

FS 140 SRDH 5.4

HZ & 42.11.16 DIST 152.650

FS 141 SRDH DOWN 0.1 5.4

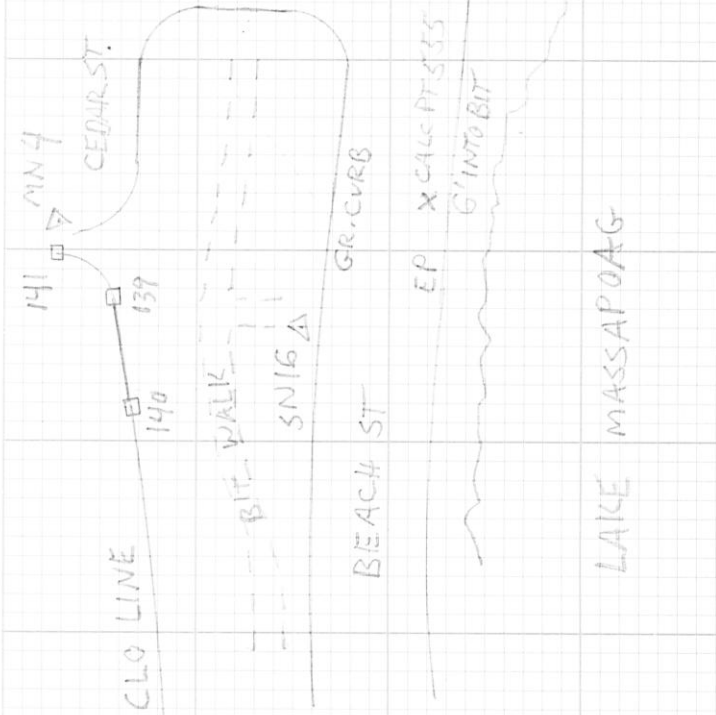
HZ & 62.31.57 DIST 34.418

23/676

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

DH 17 SET IN GRANITE CURB FOR OPUS OBS

GUNHOUSE RD.



24/676

Inst.	Tape	Wthr & Temp	Date	Crew
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25/676

Inst.	Tape	Wthr & Temp	Date	Crew
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26/676

Inst.	Tape	Wthr & Temp	Date	Crew
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27/676

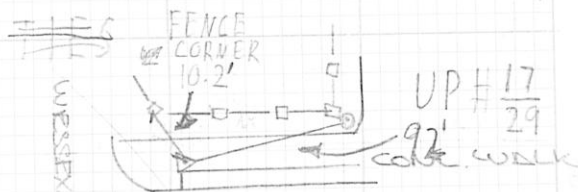
Inst.	Tape	Wthr & Temp	Date	Crew
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29/676 HARTFORD ST.

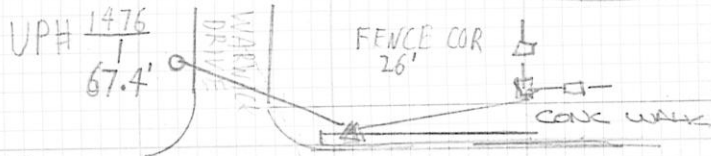
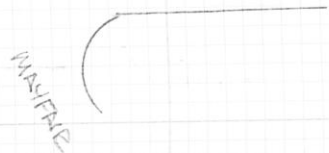
Inst. Tape Wthr & Temp Date Crew
 CLOUDY & 64°F 05/13/2022 PR & CP

TIES

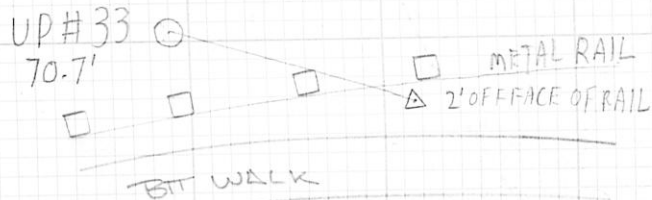
EPLP
~~LPEP#2~~



TO DOVER ← HARTFORD



EPLP
~~LPEP#1~~
 HARTFORD ST. TO DOVER ←



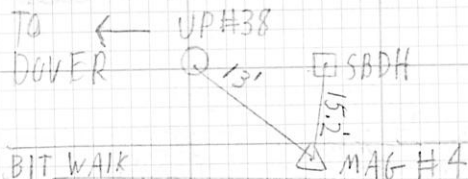
← HARTFORD ST
 TO DOVER

MAG#3

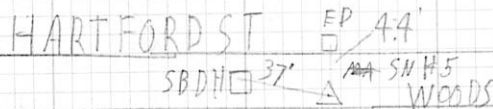
WESTWOOD

29/676

Inst. Tape Wthr & Temp Date Crew



HARTFORD ST.



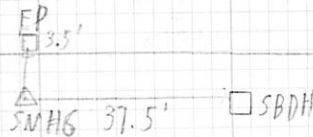
← TO DOVER

MILL ST

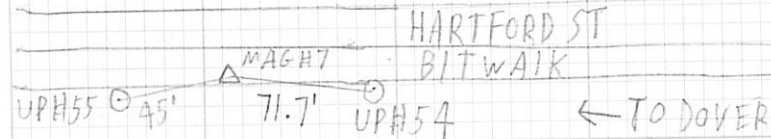


TO DOVER →

KINGSWOOD DR



HARTFORD ST

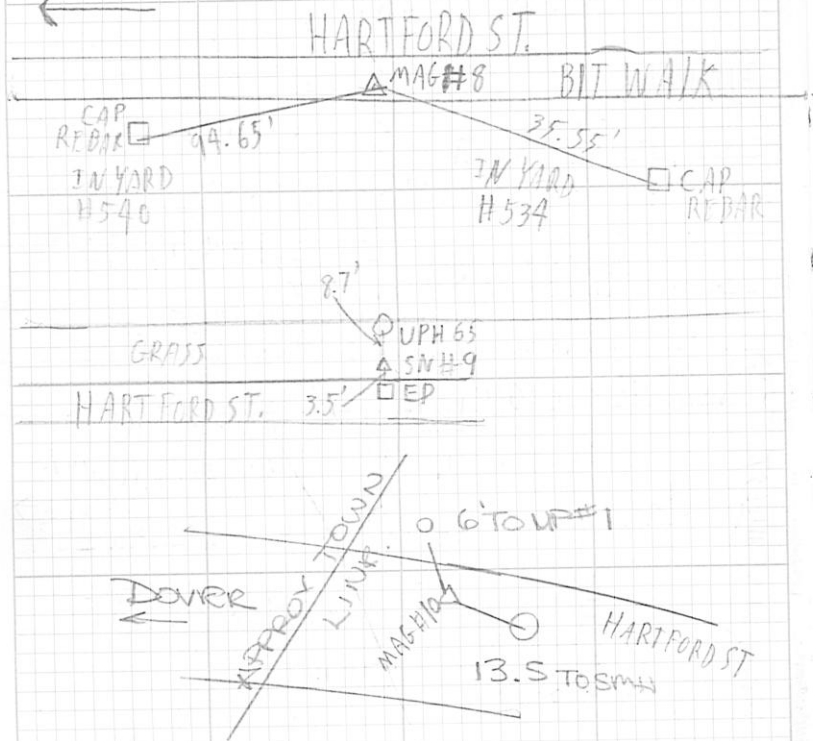


3/16/76

HARTFORD ST.

Inst.	Tape	Wthr & Temp	Date	Crew

TO DOVER
←



3/16/76

WEST WOOD

Inst.	Tape	Wthr & Temp	Date	Crew
TS16 8167		SUNNY & 55	05/16/2022	PR & CP

HART TRV
HART SS

- ⌒ (α) 2 EPLP 5.16' BS1 EPLP 5.21'
- FS3 MAG 5.47 & 185° 36' 06" D=771.252'
D=427.066
- ⌒ (α) 2 EPLP 5.16 BS3 5.47 MAG
- FS1A EPLP 5.21 & 174° 23' 51" D=345.124
- SS SBDH 100 5.10 & 41° 13' 49" D=72.350
- SS SBDH 101 5.10 & 351° 41' 45" D=324.810



VOID

3 32/676 HARTFORD ST.

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		SUNNY & 57°	05/16/2022	PR & CP
8167		HARTTRV		
		HARTSS		

$\bar{\Delta}$ @ 2 EPLP 5.16 BS1 EPLP 5.30
 FS 3 MAG 5.47 \angle 185° 36' 09" D = 427.066
 $\bar{\Delta}$ @ 2 EPLP 5.16 BS 3 MAG 5.47
 FS 1A EPLP 5.30 \angle 174° 23' 51" D = 345.053
 SS 100 SBDH 5.50 \angle 41° 15' 39" D = 72.275 UP .3
 SS 101 SBDH 5.10 \angle 351° 41' 51" D = 324.722 DWN .3
 $\bar{\Delta}$ @ 3 MAG 5.47 BS 2 EPLP 5.16
 FS 4 MAG 5.15 \angle 165° 56' 48" D = 612.476
 $\bar{\Delta}$ @ 3 MAG 5.47 BS 4 5.15
 FS 2A EPLP 5.16 Hz \angle 194° 03' 12" D = 427.065
 SS 102 SBDH 5.40 Hz \angle 340° 25' 04" D = 131.071 DWN .3
 SS 103 SBDH 2.29 Hz \angle 356° 49' 09" D = 289.625 DWN .6
 $\bar{\Delta}$ @ MAG 4 ~~5.5~~ 5.15 BS 3 MAG
 FS 5 SN 5.47 \angle Hz 182° 20' 02" D = 428.324
 $\bar{\Delta}$ @ MAG 4 5.15 BS 5 SN 5.47
 FS 3A 5.47 Hz \angle 177° 39' 59" D = 612.482
 SS 104 SBDH 5.40 Hz \angle 265° 02' 45" D = 50.282 DWN .5
 SS 105 SBDH 5.40 Hz \angle 92° 57' 20" D = 15.783 DWN .4

WESTWOOD

33/676

Inst.	Tape	Wthr & Temp	Date	Crew
				N →

~~HARTSS~~
 Δ MAG 3

SBDH \square
 101

MAY
 FAIR DR

\square SBDH 106

WEST EX DR

Δ EPLP 2

HARTFORD ST

WARWICK DR

Δ EPLP 1

34/676 HARTFORD ST

Inst. Tape Wthr & Temp Date Crew

~~DATE~~

N →

SN5 △

TWIN POST RD

SBDH □
104

△ MAG4

□ SBDH
105

HARTFORD STREET

SBDH □
103SBDH □
102

△ MAG3

WEST WOOD

35/676

Inst. Tape Wthr & Temp Date Crew

TS46-1
8167

SUNNY & 61

05/17/2022 PR & CP

HARTTRV

HARTSS

TA5 SN 5.05 BS 4 MAG 5.09

FS 6 SN 5.06 HZ & 197° 33' 53" D = 626.225

TA 5 SN 5.05 BS 6 SN 5.06

FS 4A 5.09 HZ & 162° 26' 07" D = 428.312

SS 106 SBDH 5.40 HZ & 53° 17' 46" D = 62.533 RIVET IN LEDGE

SS 107 SBDH 5.40 HZ & 394° 45' 51" D = 37.005 DWN .3

TA 6 SN 5.06 BS 5 SN 5.05

FS 7 MAG HZ & 174° 13' 45" D = 771.608

TA 6 SN 5.06 BS 7 MAG 5.18

FS 5A SN 5.05 & 185° 46' 14" D = 626.223

SS 108 SBDH 5.40 HZ & 196° 01' 45" D = 214.076 FIUSH

SS 109 SBDH 5.40 HZ & 26° 52' 03" D = 37.737 DWN .3

TA 7 MAG 5.18 BS 6 SN 5.06

FS 8 MAG 5.04 HZ & 190° 18' 07" D = 286.380

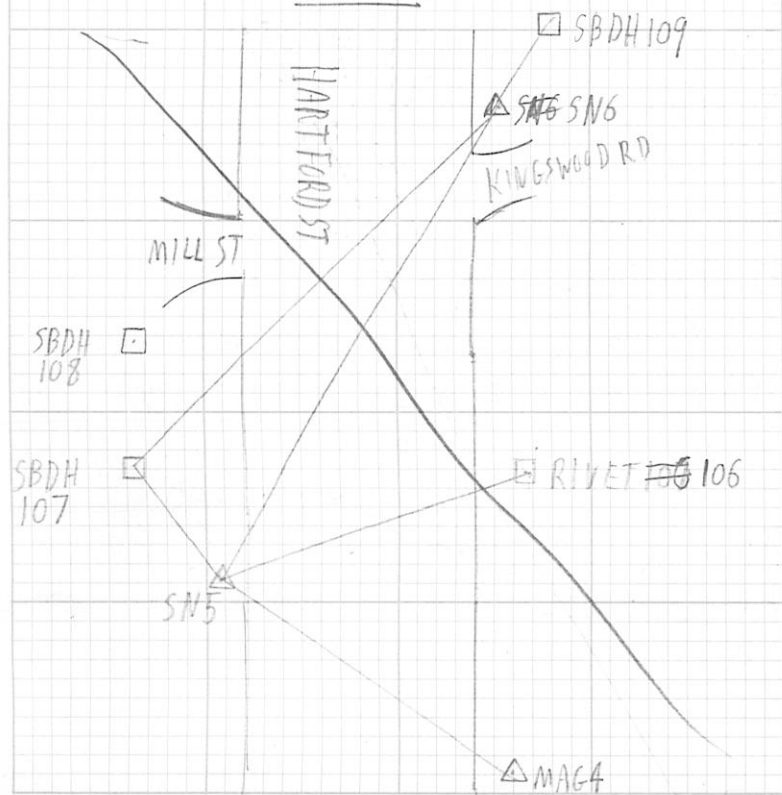
TA 7 MAG 5.18 BS 8 MAG 5.04

FS 6A 5.06 HZ & 69° 41' 52" D = 771.606

36/676 HARTFORD ST

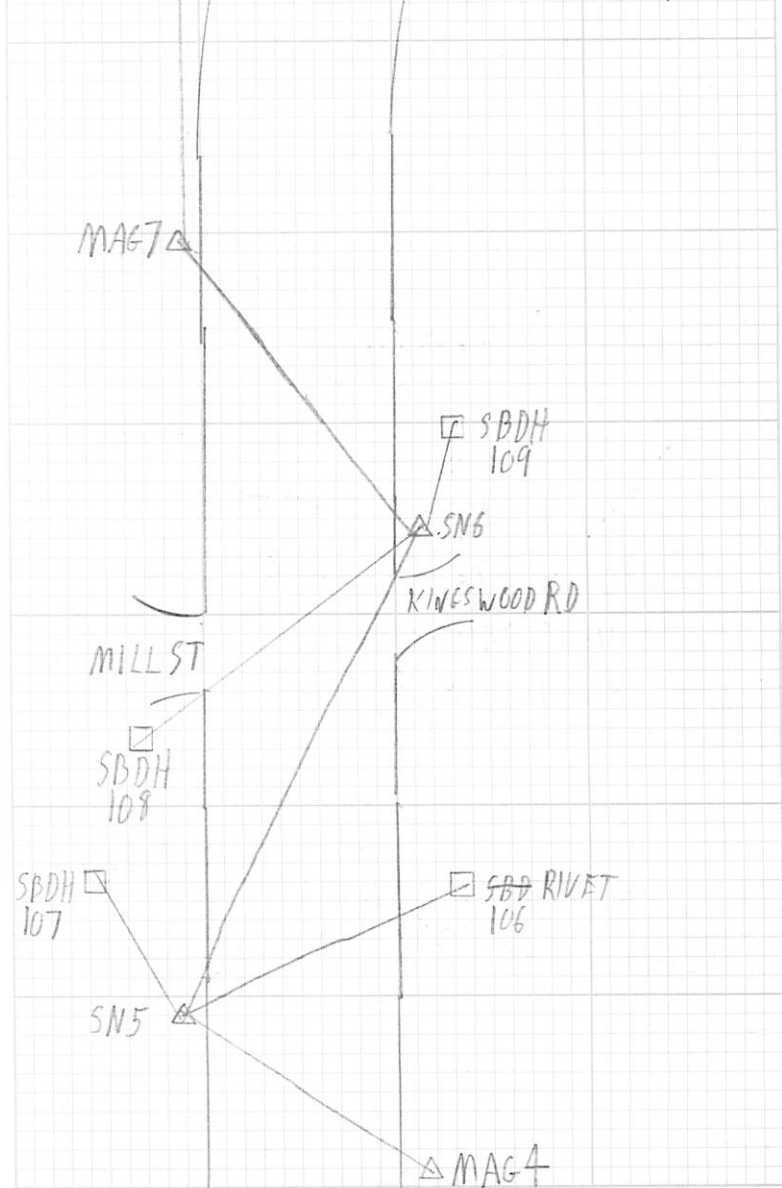
Inst. Tape Wthr & Temp Date Crew
 N →

VOID



WEST WOOD

37/676
 Inst. Tape Wthr & Temp Date Crew
 N →



38/676 HARTFORD ST

Inst. Tape Withr & Temp Date Crew

TA 8 MAG 5.04 BS 7 MAG 5.18

FS 9 SN 4.99 HZ $\angle 192^{\circ} 50' 31''$ D = 887.311

TA 8 MAG 5.04 BS 9 SN 4.99

FS 7 MAG 5.18 HZ $\angle 167^{\circ} 09' 30''$ D = 286.027

SS CAP REBAR 5.40 H 110 HZ $\angle 201^{\circ} 25' 24''$ D = 34.689 7/8

SS CAP REBAR 5.40 H 111 HZ $\angle 345^{\circ} 41' 04''$ D = 94.708 7/8

~~AG 9 SN 4.99 BS 8 MAG 5.04~~

~~FS 10 MAG HZ \angle~~

~~TA 9 SN 4.99 BS 10 MAG~~

TA 9 SN 4.99 BS 8 MAG 5.04

FS 10 MAG 5.15 HZ $\angle 172^{\circ} 08' 19''$ D = 270.649

TA 9 SN 4.99 BS 10 MAG 5.15

FS 8 A 5.04 MAG HZ $\angle 187^{\circ} 51' 41''$ D = 886.972

TA 9 SN 4.99 BS 8 MAG 5.04

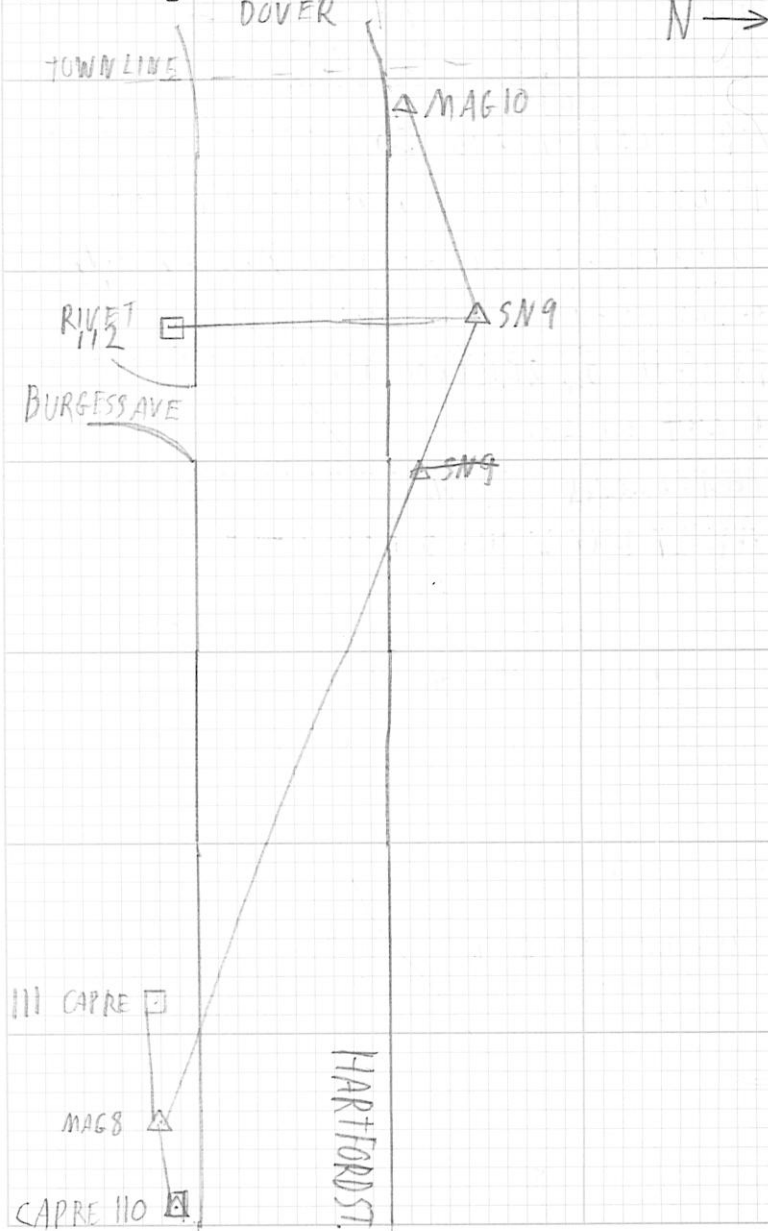
SS 112 RIVET 5.40 $\angle 51^{\circ} 56' 31''$ D = 62.940

WEST WOOD

39/676

Inst. Tape Withr & Temp Date Crew

N \rightarrow



401676 HARTFORD ST.

Inst.	Tape	Wthr & Temp	Date	Crew
TS-16	CLOUDY/SUNNY	70	06/16/2022	PR & CP
8167	FILE: 1095_061622			

π @ EPLP 1 HI=5.16 BS @ EPLP 2 HI=5.13

calc PT 636 HI=5.1 (1000) NOT FOUND SBDH

FS 113 HI=5.1 SBDH CALC 635 DWN 0.4 7x7 IN
← 206° 31' 57" HD=121.805

FS 114 HI=5.1 SBDH CALC 637 DWN 1.2' 7x7 IN
← 244° 29' 24" HD=87.822

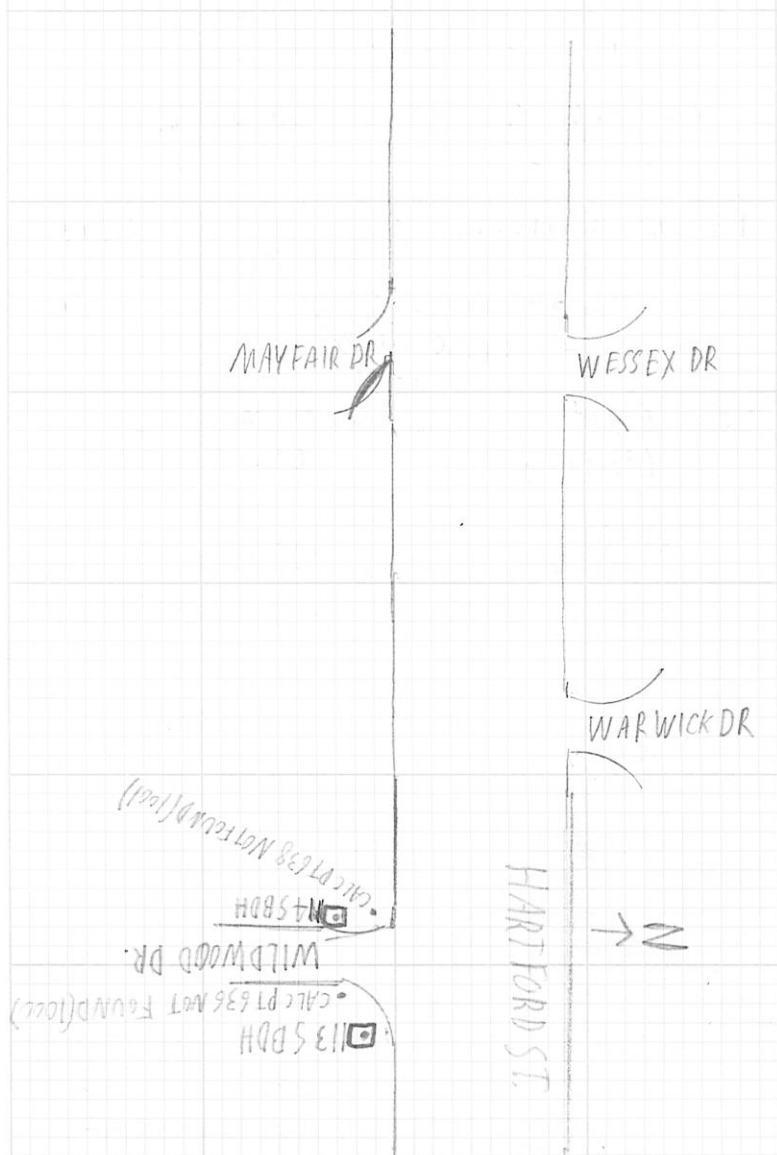
CALC PT 638 HI=5.1 (1001) NOT FOUND SBDH

MFLY (1002) HI=5.13 @ EPLP 2

WEST WOOD

411676

Inst.	Tape	Wthr & Temp	Date	Crew
SEE BOOK 673 PAGE 33 FOR THE SETUP OF THE TRAVERSE POINTS.				



4/2/676

HARTFORD ST
 Inst. Tape Wthr & Temp Date Crew
 TS-16 SUNNY 06/21/2022 CP
 TS 8167 60° PR

FILE. 1095 061622

⊙@EPLP 1 $\overset{\circ}{\rightarrow}$ ON EPLP 2
 (5.36) (5.19)

FS PNT 639 CALC. 1003. NOT FOUND (6.0)
 642 CALC. 1004 " " (6.0)
 641 CALC. 1005 " " (6.0)
 640 CALC. 1006 " " (6.0)

⊙@EPLP 1. \rightarrow ON EPLP 2
 (5.36) (5.19)

FS. 11 STN. SET. (5.17)

 $\Delta = 185^{\circ} 29' 31''$ $D = 635.902'$

1007 MFLY PNT 2 (5.16) (5.19)

⊙@PNT 11 $\overset{\circ}{\rightarrow}$ ON EPLP 1
 (5.17) (5.36)

FS 634 CALC. 1008 NOT FND (5.1)
 633 CALC. 1009 NOT FND (5.1)
 MFLY EPLP 1 1010 (5.36)

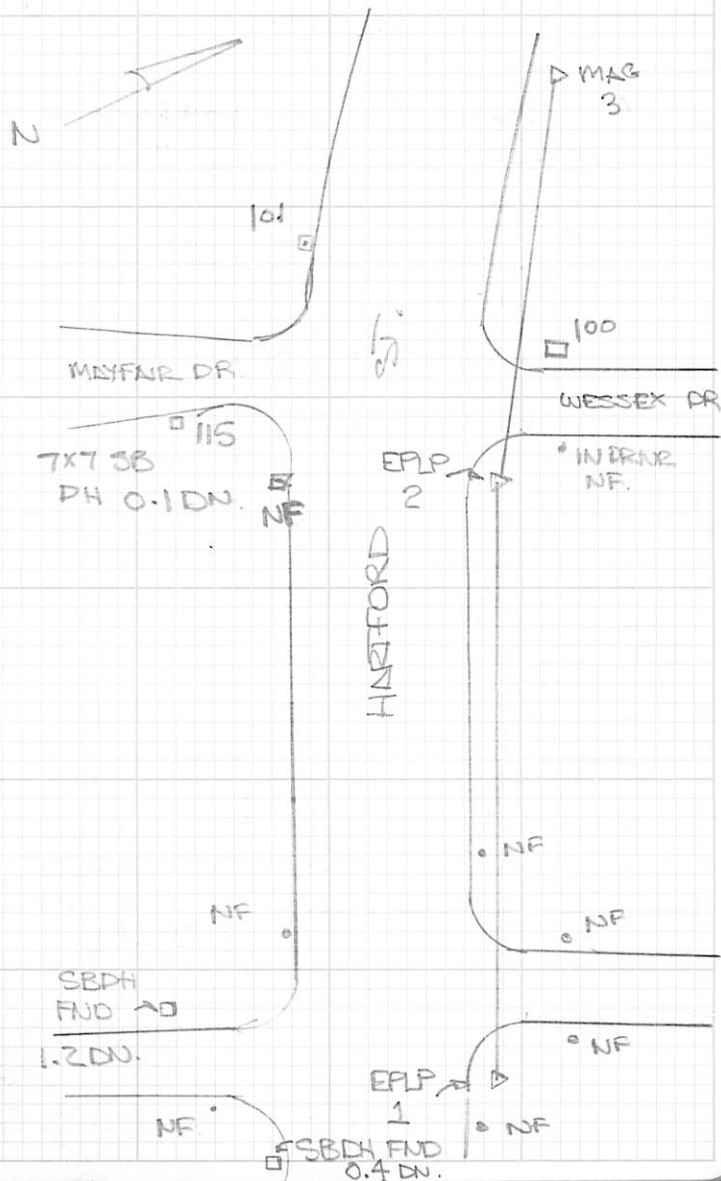
⊙@EPLP 2 (5.19) $\overset{\circ}{\rightarrow}$ ON EPLP 1 (5.36)

FS MAG 3 MFLY 1011 (5.1)
 647 CALC. $\Delta = 135^{\circ} - 08' 38''$ 115
 (5.1) $D = 125.612'$ SB7X7.1 DN
 646 CALC. 1012 NOT FND (5.1)
 645 CALC.

WEST WOOD

4/3/676

Inst. Tape Wthr & Temp Date Crew



44/676

Inst. Tape Wthr & Temp

HARTFORD

ST WESTWOOD

Date Crew

N

WESSEX

30' TO 25' OF
FILL.

MAYFAIR

PICTURE OF
SBDK DID
NOT STORE
AT LAST PNT.
? RETOOK
PIC. FOR
115.

HARTFORD

WILDWOOD

WARWICK

EPLP 1

NOT FOUND
634
STN
11

633
NOT FOUND

45/676

Inst. Tape Wthr & Temp Date Crew

TS-16

60° CLEAR

6/21/2012

CP

8167

FILE 1095061622

PR.

T @ EPLP 2 → ON EPLP 1
(5.19) (5.36)

FS GAS CALC. 1013 NOT FOUND

1014 MFLY PNT 3 MAG.

4/6/76

HARTFORD ST

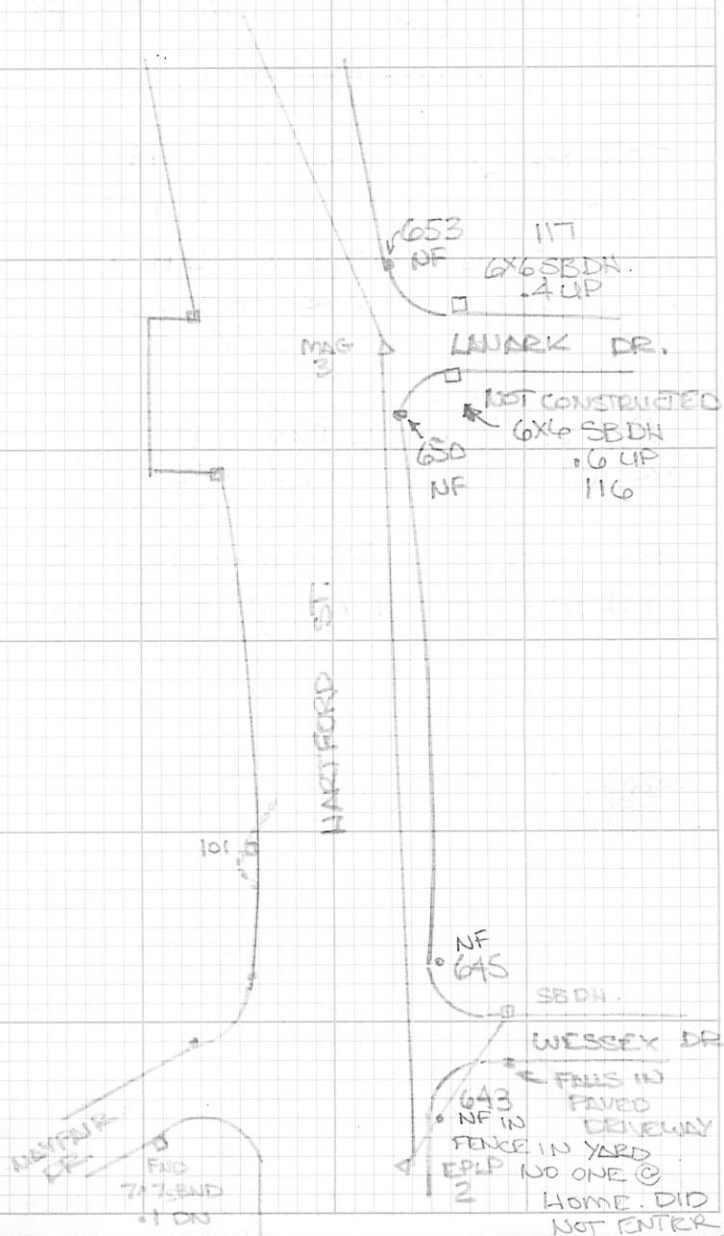
Inst. Tape Wthr & Temp Date Crew

TS-16 SUNNY 06/23/2022 CP
8167 63° PR.

FILE: 1095061622

K @ SB 100 $\xrightarrow{00-00}$ ON EPLP 2
(5.15) (5.14)FS. 645 CALC 1015 NOT FOUND.
1016 MFLY ON EPLP (2) 5.14 ROUNDK @ MAG 3 $\xrightarrow{00-00}$ ON EPLP 2
(5.30) (5.14)FS 101 STORED 1017
1016 MFLY BND 101
650 CALC. 1018 NOT FOUND 360°
653 CALC 1019 NOT FOUND 360°651 CNC 116 6X6 SBDH 4 UP (6.4)
 $\angle = 258^\circ - 00' - 31''$
 $D = 52.523'$ ROUND652 CNC 117 6X6 SBDH UP. 4
(5.1) $\angle = 213^\circ - 01' - 06''$
 $D = 61.221'$ ROUND1020 MFLY ON MAG 4 \leftarrow 360 RESID

1020 MFLY ON SBDH 101 (5.1) 360

WESTWOOD 4/7/76
Inst. Tape Wthr & Temp Date Crew

4/9/676

HARTFORD ST

Inst.	Tape	Wthr & Temp	Date	Crew
TS 16		64° CLEAR	6/23/2022	PR
B167				CP

FILR: 1095 06/16/22

TC MAG 10 ~~2088~~ ON STM 9
(5.53) (5.12)

FS 667 CALL STORED 648 118 ROUND
SB DN DN.2 7x7 $\angle = 95^\circ - 45' - 58''$
D = 48.157'

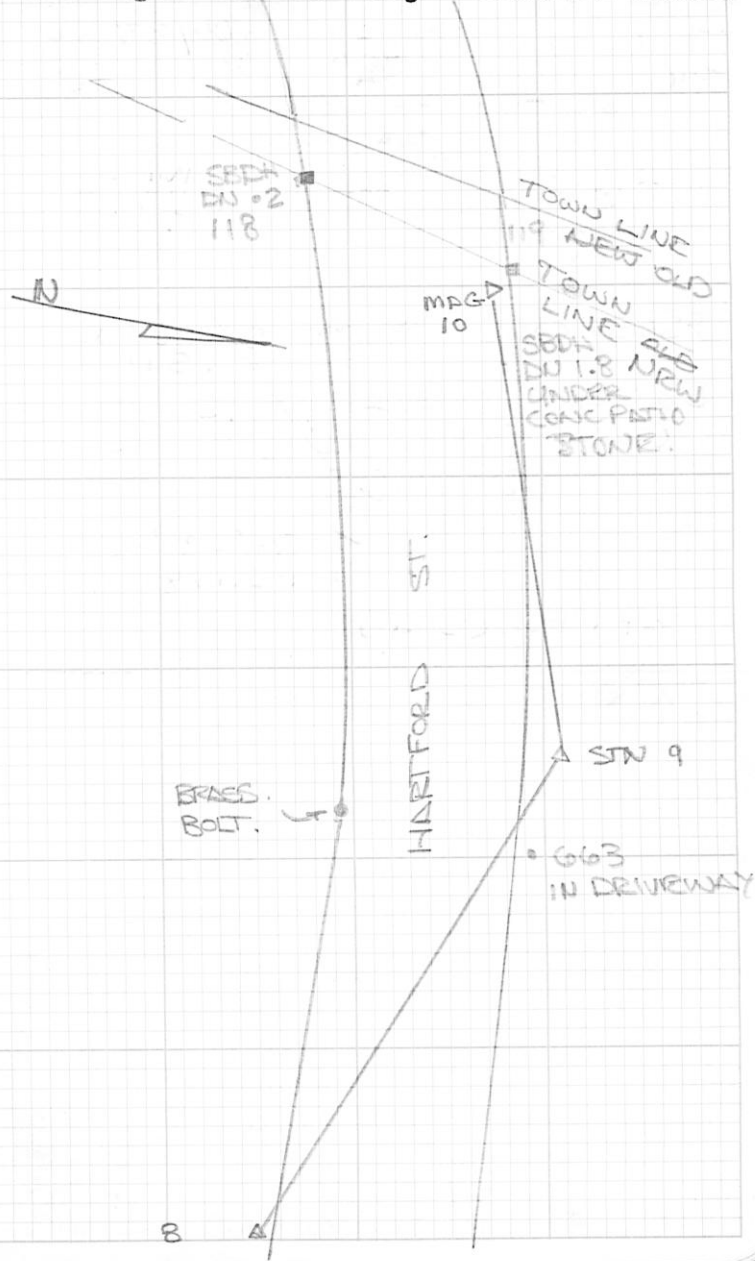
FS 666 CALL. SB DN 7x7
7x7
SB DN 1.8 IN STORED 119 ROUND
VAULT OF BLOCK. $\angle = 325^\circ - 42' - 32''$
D = 34.664'

FS 663 1021 NOT FOUND 360
MFLY ON STM 9 (5.12) STORED 1022
ROUND

WESTWOOD

4/9/676

Inst.	Tape	Wthr & Temp	Date	Crew
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5/16/76

HARTFORD ST.

Inst. Tape Withr & Temp Date Crew

TS-16

OVERCAST 06/27/2022

8167

75°

CP

PR

FILE:1093 061022

Δ @ STN 6 ~~00-20~~ ON ~~STN 7~~ MAG
 (4.99) (5.26)

FSG57 CALC STORED AS 1023 NOT FOUND
 (5.1) 360.

BS G58 CALC STORED AS 120 SBDH 2.5 DN
 (8.0) $\angle = 306^\circ - 40' - 38''$ ROUND
 D = 60.822

FS STN 12 (5.01) $\angle = 251^\circ - 22' - 37''$
 ROUND D = 112.178'

1024 MFLY (5.26)

Δ @ STN 12 ~~00-20~~ ON (6) STN
 (5.01) (4.99)

FS G56 CALC. STORED 121 (5.1) ROUND.

$\angle = 230^\circ - 44' - 02''$

D = 37.571'

1025 MFLY STN 6 (4.99) ROUND.

Δ @ MAG 7 ~~00-20~~ ON STN 6
 (5.20) (4.99)

CALC. G59 STORED 1026 NOT FOUND

CALC G60 STORED 122 (5.1) ROUND

$\angle = 304^\circ - 38' - 14''$ SBDH

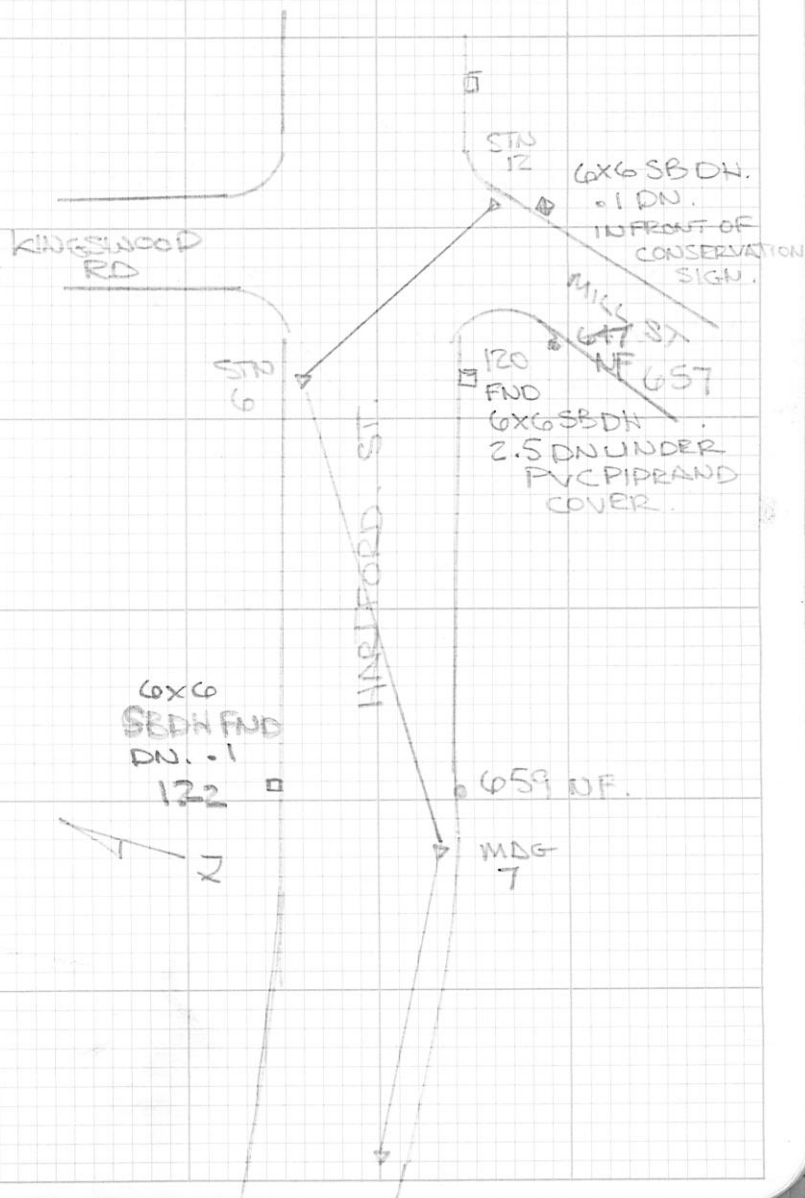
D = 57.061' DN. 3

1027 MFLY. STN 6 (4.99) ROUND

WESTWOOD

5/16/76

Inst. Tape Withr & Temp Date Crew



52/676 HARTFORD ST.

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		64°F R SUNNY	06/29/2022	PR & CP
8167		FILE: 1095_061622		

A @ MAG 8 HI=5.33 BS MAG 7 HI=5.59
 FS CAIC 662 STORED AS 1028 NOT FOUND

HI = (6.0)

FS CAIC 661 STORED AS 1029 NOT FOUND (8.0)

MFLY 1030 ON MAG 7 (5.59)

WESTWOOD

Inst.	Tape	Wthr & Temp	Date	Crew

↑
TO DOVER

STORED 1028
 CAIC 662 NOT FOUND

STORED 1029
 CAIC 661 NOT FOUND

8Δ

HARTFORD ST.

7Δ

54/676 HARTFORD ST.

Inst. Tape Wthr & Temp Date Crew

TS16 SUNNY @ 70° F 06/30/2022 PR RCP

8167 FILE: 1095_063022

π @ STK 11 HI=5.03 BS EPLP 1 HI=(5.26)

FS STK 13 HI=(5.25)

⊕ 163° 32' 58" D=227.832

π @ STK 11 HI=5.03 BS STK 13 HI=(5.25)

FS EPLP 1A HI=(5.26)

⊕ 196° 26' 59" D=635.918

π @ STK 13 HI=5.25 BS STK 11 HI=(5.03)

FS STK 14 HI=(5.06) FS MMON 123 HI=(5.1)

⊕ 185° 12' 25" D=511.535 ⊕ 154° 42' 33" D=75.988

π @ STK 13 HI=5.25 BS STK 14 HI=(5.06)

FS STK 11A HI=(5.03)

⊕ 174° 47' 33" D=227.829

π @ STK 14 HI=5.06 BS STK 13 (5.25)

FS EPLP 15 (4.27)

⊕ 191° 44' 40" D=486.328

π @ 14 STK HI=5.06 BS 15 EPLP (4.27)

FS STK 13A (5.25) ⊕ 168° 15' 20" D=511.536

π @ EPLP 15 HI=4.27 BS STK 14 (5.06)

FS MMON 124 (5.1) ⊕ (7.0) ⊕ 150° 49' 30" D=127.857

124 Inst.

WEST WOOD

Tape Wthr & Temp Date Crew

← HIGH ROCK ST. →

55/676

MMON 124
UP 0.4 7x7
SBDH

Δ EPLP 15 BIT WALK

GLoucester Rd.
BIT WALK STK 14

DISC 123 BY
FIRE HYDRANT
NORWOOD ENGINEERING

FOR ~~THE~~ TIES
SEE PGS
56 & 57
BOOK 676

STK 13

HARTFORD ST.

STK 11

N ↑

BIT WALK

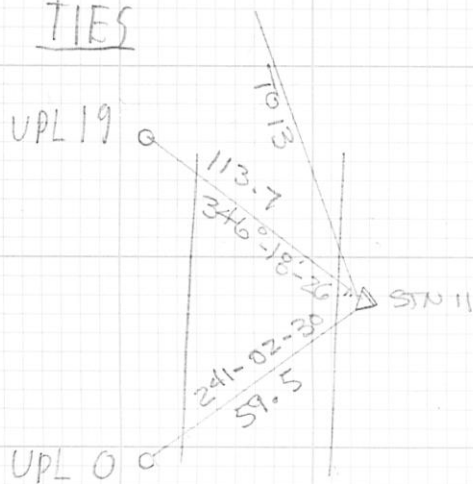
TO DOVER ↓

EPLP 1

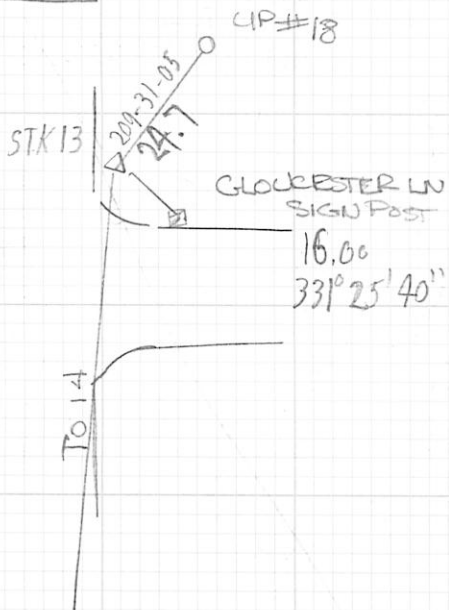
56/676 WESTWOOD HARTFORD ST.

Inst. Tape Wthr & Temp Date Crew

TIES



TIE'S

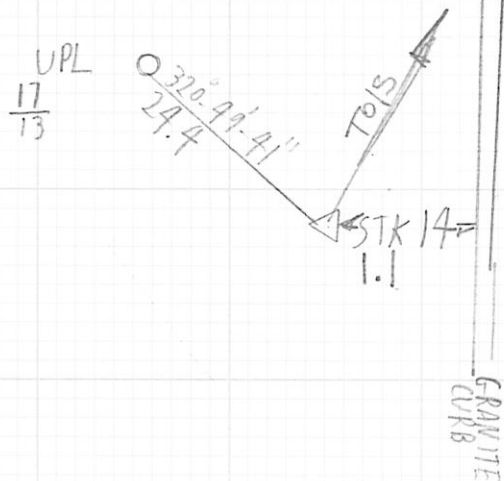


HARTFORD ST

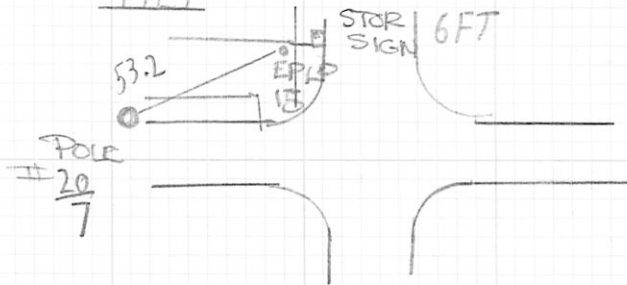
57/676

Inst. Tape Wthr & Temp Date Crew

TIES



TIES



GS16
6646

6/30/2022 J:181

CP
PR

FILENAME 109515
PNT 15.

ZM

58/676

Inst.	Tape	Wthr & Temp	Date	Crew
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59/676

Inst.	Tape	Wthr & Temp	Date	Crew
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60/676

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

60/676

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

62/676

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

63/676

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

64/676 CRESSBROOK RD

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLEAR 80'S	8/1/2022	RTF CF PR
FILE: 1027-CRESSBROOK				

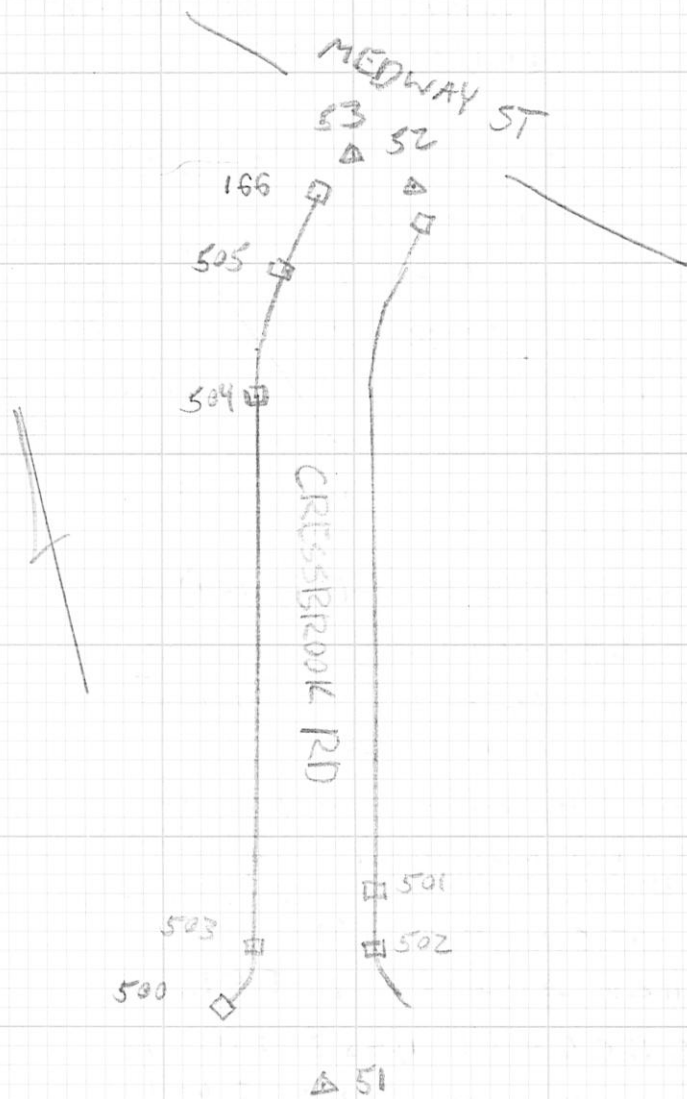
PC 51 (MN 1 FB667/19) HI=5.33
 BS 166 (SBDH FB 667/54) @ 5.10(399.82)
 FS 53 (MN/SET) @ 5.61
 HZ 1.55.50 DIST 422.753
 FS 500 (SBDH 143 FB667/19) @ 4.92
 HZ 300.01.52 DIST 52.634
 FS 501 (SBDH) @ 5.4
 HZ 25.14.30 DIST 63.041
 FS 502 (SBDH) @ 5.4
 HZ 30.12.52 DIST 51.624
 FS 503 (SBDH) @ 5.4
 HZ 330.57.01 DIST 68.145
 FS 504 (SB CENTER) @ 5.4
 HZ 355.37.45 DIST 303.335

PC 500 HI=4.92 BS 51 @ 5.33
 FS 52 (MN 2 FB667/19) @ 4.02
 HZ 253.17.39 DIST 381.280
 FS 505 (SBDH 30 FB667/54) @ 5.4
 HZ 245.27.28 DIST 329.012

NORFOLK

65/676

Inst.	Tape	Wthr & Temp	Date	Crew
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66/676

CRESSBROOK RD

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLEAR 80'S	8/1/2022	RTF
8167		FILE:1027-CRESSBROOK		CP

TC 166 HI=5.10 BS 51 @ 5.33

FS 52A @ 4.02 HZ & 275.56-40 DIST 35.506

FS 53A @ 5.61 HZ & 212.06-01 DIST 26.799

FS 506 (SBDH) @ 5.4

HZ & 339.42-55 DIST 106.673

FS 507 (DUNN-MCKENZIE REBAR) @ 5.1

HZ & 347.31-20 DIST 160.364

FS 508 (SBDH 165 FB 667/54) @ 5.1

HZ & 287.19-28 DIST 60.055

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLEAR 90'	8/2/2022	RTF
8167		FILE:1027-CRESSBROOK		CP

TC 53 HI=5.82 BS 51 @ 5.33

FS 54 (MN3 FB 667/20) @ 5.44

HZ & 109.08-50 DIST 985.402

FS 55 (SN/SET) @ 5.10

HZ & 281.36-58 DIST 441.329

FS 186A @ 5.10 HZ & 30.09-13 DIST 26.806

FS 52B @ 1.67 HZ & 302.50-43 DIST 49.874

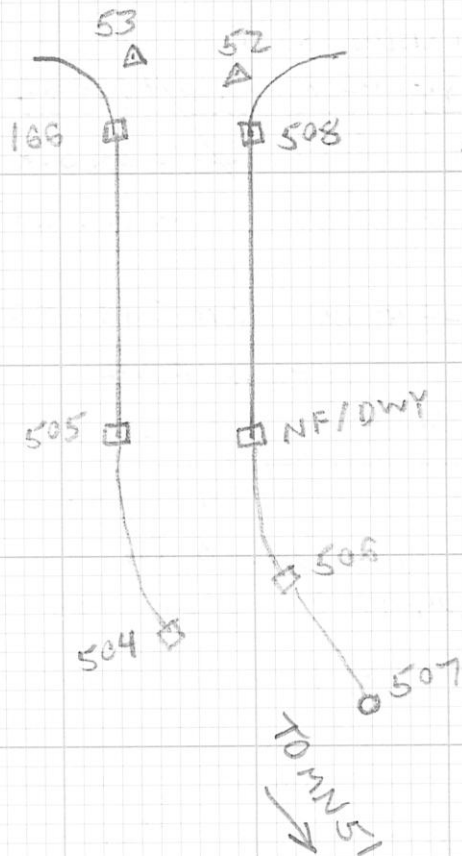
NORFOLK

67/676

Inst.	Tape	Wthr & Temp	Date	Crew
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53 1.6'
DBL CB
GRANITE CURB

MEDWAY ST



69/676

MEDWAY ST

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLEAR 90°	8/2/2022	RTE CP PR
8167		1027-TRAV		
		FILE: 1027-SS		

$\pi @ 53 HI = 5.82$ BS 55 @ 5.10

FS 54 (MN 3 FB 667/20) @ 5.44

HZ $\times 187.31.52$ DIST 985.402

FS 509 (SBDH 7x7 UP 0.4) @ 5.4

HZ $\times 351.35.57$ DIST 153.182

$\pi @ 54 HI = 5.44$ BS 53 @ 5.82

FS 56 @ 5.28 HZ $\times 107.29.24$ DIST 448.139

FS 510 @ 5.4 REBAR CAPPED W/ BRASS DISK

HZ $\times 349.42.44$ DIST 117.833

FS 511 @ 5.4 REBAR FLUSH

HZ $\times 354.25.29$ DIST 266.846

$\pi @ 56 HI = 5.28$ BS 54 @ 5.44

FS 57 (SN/SET) @ 5.24

HZ $\times 204.18.25$ DIST 326.891

FS 512 (DH 187) @ 6.5 (668/5)

HZ $\times 201.46.40$ DIST 222.137

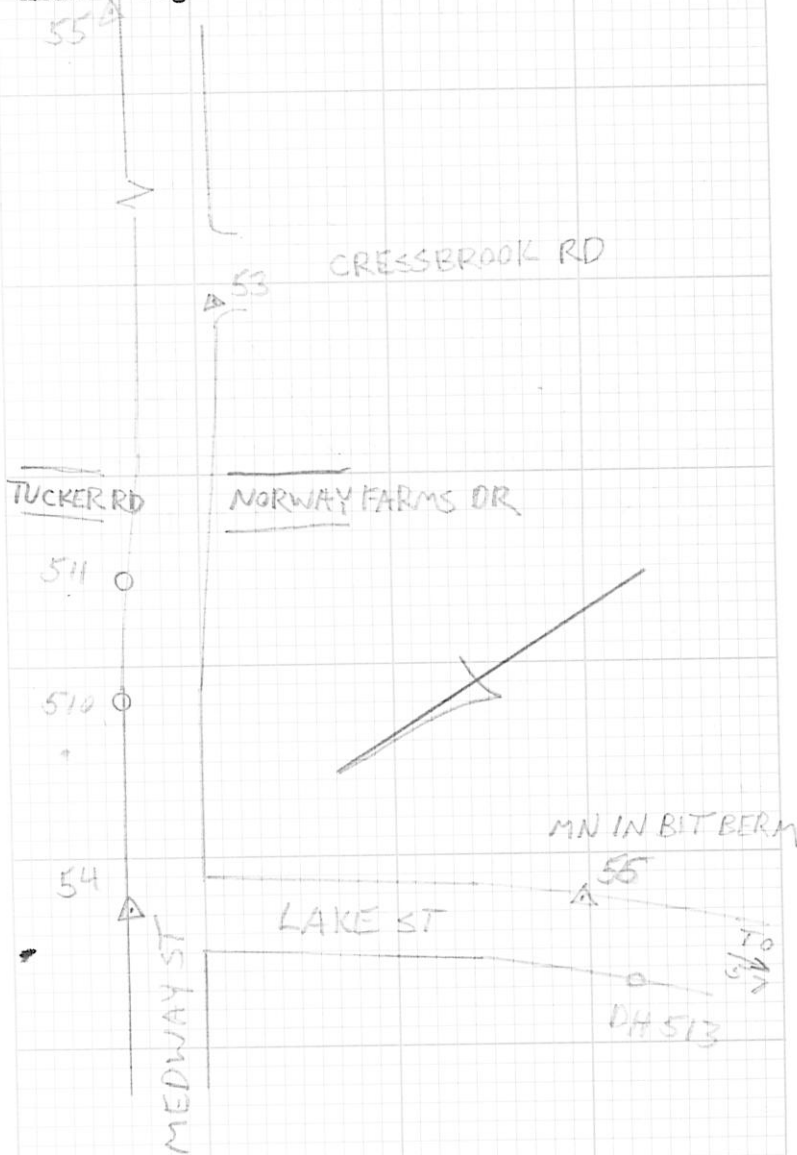
FS 513 (DH 178) @ 5.1 (668/5)

HZ $\times 225.28.52$ DIST 44.944

NORFOLK

69/676

Inst.	Tape	Wthr & Temp	Date	Crew
55				



7/0/676

LAKE ST

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLEAR 90°	8/2/2022	RTF
8167		FILE: 1027_TRAV		CP
		FILE: 1027_SS		PR

A@ 57 HI=5.24 BS 56 @ 5.29
 FS 58 (SN/SET) @ 5.32

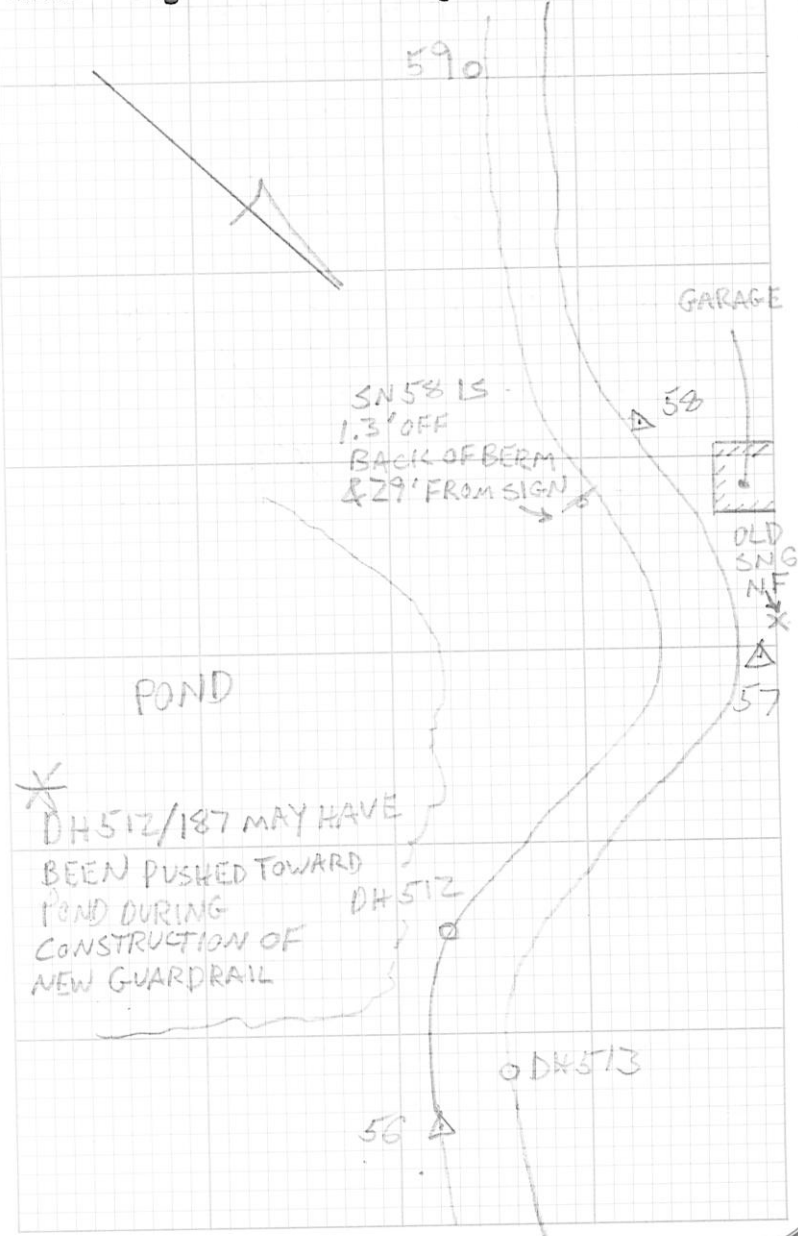
HZ & 128.42.00 DIST 247.622

A@ 58 HI=5.32 BS 57 @ 5.24
 FS 59 (REBAR 8 FB667/25) @ 5.39
 HZ & 181.00.56 DIST 468.407

NORFOLK

7/1/676

Inst.	Tape	Wthr & Temp	Date	Crew
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7/2/676

LAKE ST

Inst.	Tape	Wthr & Temp	Date	Crew
7516		CLEAR 90'S	8/3/2022	RTE
8167				CP
				PR

 FILE: 1027-TRAV
 1027-SS

π@59 HI=5.43 BS58@5.17

FS 60 (MN/SET) @ 5.22

HZ & 182.50.36 DIST 340.940

FS 514 1" IP FND VP 0.5' @ 5.4 (#151 FB667 P.25)

HZ & 179.29.53 DIST 142.562

FS 515 MBMK "D" (667/8) @ 1.15

HZ & 214.11.01 DIST 41.981

π@60 HI=5.22 BS59@5.43

FS 61 MN/SET @ 5.14

HZ & 182.46.14 DIST 361.295

FS 516 3/4" IP FND VP 0.1' @ 5.4 (#153 FB667 P.26)

HZ & 99.00.47 DIST 9.636

FS 517 (MN 9/667 P.26)

HZ & 200.59.38 DIST 54.436

FS 518 MAG FND @ 0.34

HZ & 203.33.54 DIST 55.985

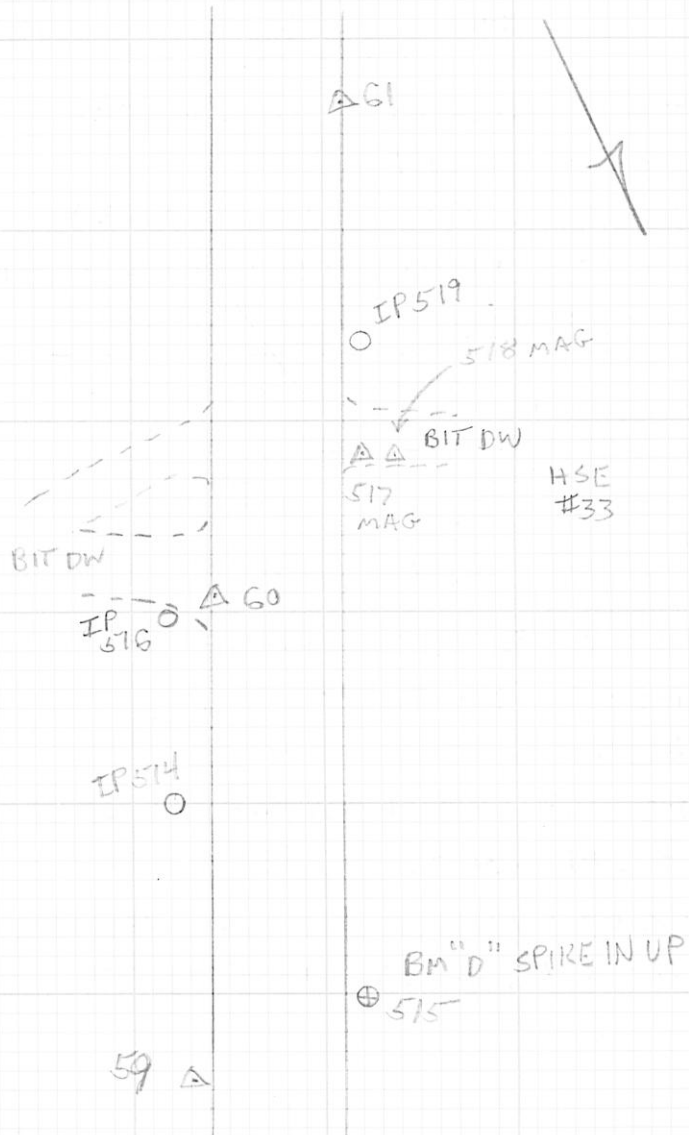
FS 519 1 1/2" IP FND FLUSH @ 6.0 (#153 FB667 P.26)

HZ & 194.58.34 DIST 94.210

NORFOLK

7/3/676

Inst.	Tape	Wthr & Temp	Date	Crew
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74/676

LAKE ST

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLEAR 80'S	8/3/2022	RTF
8167		FILE: 1027-TRAV		CP
		1027-SS		PR

π @61 HI=5.14 BS60@5.22
 FS62 MN/SET@5.00
 HZ&172.50.08 DIST 287.200
 FS520 DH/FND@5.1 (#154 FB667 P.27)
 HZ&160.28.53 DIST 95.340

π @62 HI=5.00 BS61@5.14
 FS63 MN/SET@4.97
 HZ&159.54.57 DIST 233.621
 FS521 DH/FND@6.0 (#156 FB667/28)
 HZ&324.49.03 DIST 25.460
 FS522 DH/FND@5.4 (#155 FB667/27)
 HZ&356.09.18 DIST 158.430
 FS523 (REBAR #11 FB667 P.28)@5.1
 HZ&171.31.43 DIST 71.420
 FS524 DH/FND@5.1 (#180 FB668 P.6)
 HZ&147.44.33 DIST 73.197

NORFOLK

75/676

Inst.	Tape	Wthr & Temp	Date	Crew
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HSE #20

BIT DW

Δ63

DH524

○ REBAR 523

Δ62 MN
IN BERM

○ DH521

DH522

DH520

10'±

HSE #30

Δ61 MN
IN BERM

7/6/76 LAKE ST
 Inst. Tape Wthr & Temp Date Crew
 TS16 CLEAR 80'S 8/3/2022 RTF
 8167 FILE: 1027-TRAV CP
 1027-SS PR

$\pi @ 63 HI = 4.97 BS 62 @ 5.00$

FS 64 MN/SET @ 5.24

HZ $\times 184.35 \cdot 15$ DIST 415.116

FS 525 BM "C" SPK IN UP #14 (667/8)

RH = 0.17 HZ $\times 176.22 \cdot 28$ DIST 24.240

FS 528 DH/FND @ 7.0 (#181 667/32)

HZ $\times 206.14 \cdot 00$ DIST 79.439

TS16 P. CLOUDY 90'S 8/5/2022 RTF
 8167 CP
 64 PR

~~TS 65~~ HI = 5.04 BS 63 @ 5.22

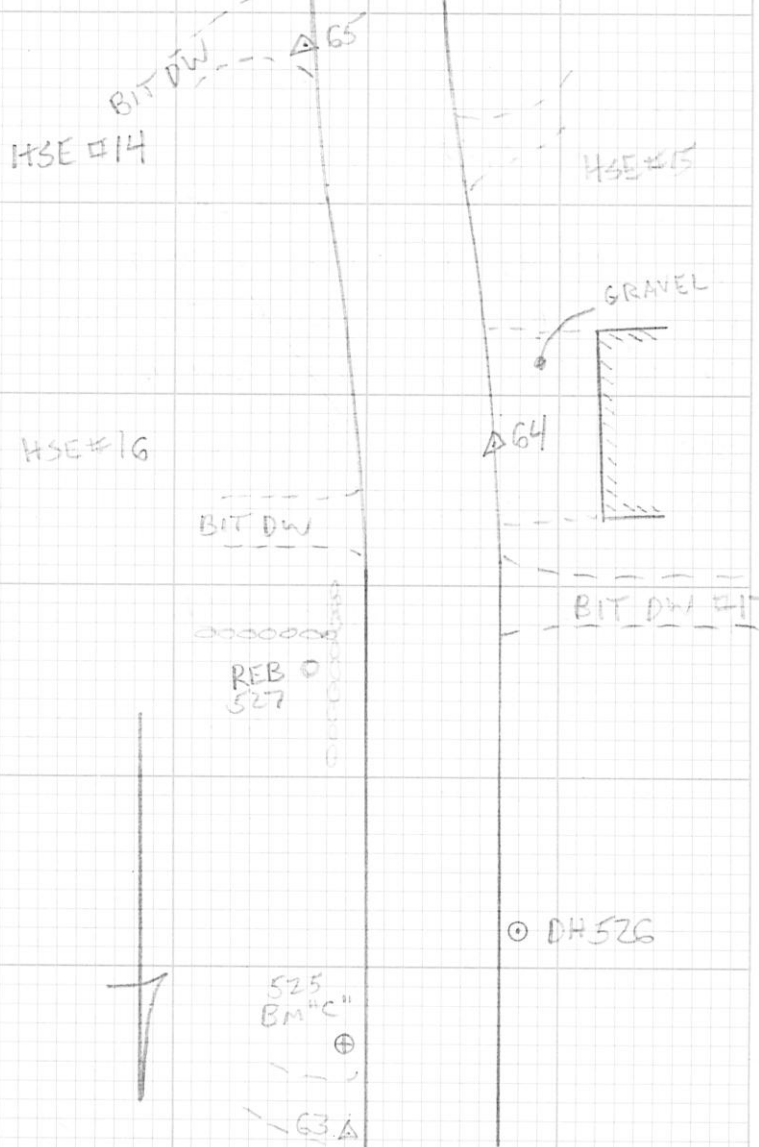
FS 65 (MN/SET) @ 5.20

HZ $\times 173.01 \cdot 35$ DIST 207.782

FS 527 3/4" REB VP 0.5' @ 5.1 (#172 667-33)

HZ $\times 19.28 \cdot 10$ DIST 76.044

NORFOLK 7/6/76
 Inst. Tape Wthr & Temp Date Crew



7/9/676

LAKE ST

Inst.	Tape	Wthr & Temp	Date	Crew
FS16		P. CLOUDY 90's	8/3/2002	RTE
8167	FILE: 1027.TRAY	1027.55		CP PR

TC @ 65 HI = 5.24 BSG4 @ 5.04
 FS 66 (MN/SET) @ 5.25
 HZ & 195.51.34 DIST 402.535

FS 528 DH/FND @ 5.10 (#139 667-89)
 HZ & 200.42.01 DIST 89.397

FS 529 BM "B" SPK IN UP @ 7 @ 0.17 (667/4)
 HZ & 194.51.07 DIST 227.761

TC @ 66 HI = 5.25 BSG5 @ 5.20
 FS 67 (MN/SET) @ 5.12
 HZ & 182.16.39 DIST 393.938

FS 530 5/8" REBAR UP 0.4' @ 5.10 (#119 667-37)
 HZ & 200.13.52 DIST 58.937

FS 531 DH/FND @ 0.32 (#118 667-37)
 HZ & 200.41.42 DIST 57.369

FS 532 DH/FND @ 7.0 (#121 667-37)
 HZ & 117.47.33 DIST 200.436

NORFOLK

7/9/676

Inst.	Tape	Wthr & Temp	Date	Crew
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← DH 532

BIT DW

REB 530

DH 531

BIT DW

HSE #4

△ 66

HSE #5

529
BM "B" ⊕

DH 528

△ 65

8/16/16

LAKE ST

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		P. CLOUDY 90'S	8/5/2022	RTK
8167		FILE: 1027. TRAV		CP
		1027. SS		PR

T@ 67 HI = 5.12 BS66 @ 5.25

FS 68 (MN #22 FB667 P.39) @ 5.41

HZ * 160.33.17 DIST 218.879

FS 533 DH/FND @ 5.1 (#123 FB667 P32)

HZ * 283.10.48 DIST 8.369

FS 534 7x7 SBDH VP 0.1' @ 5.1 (#123 667-32)

HZ * 129.03.44 DIST 53.076

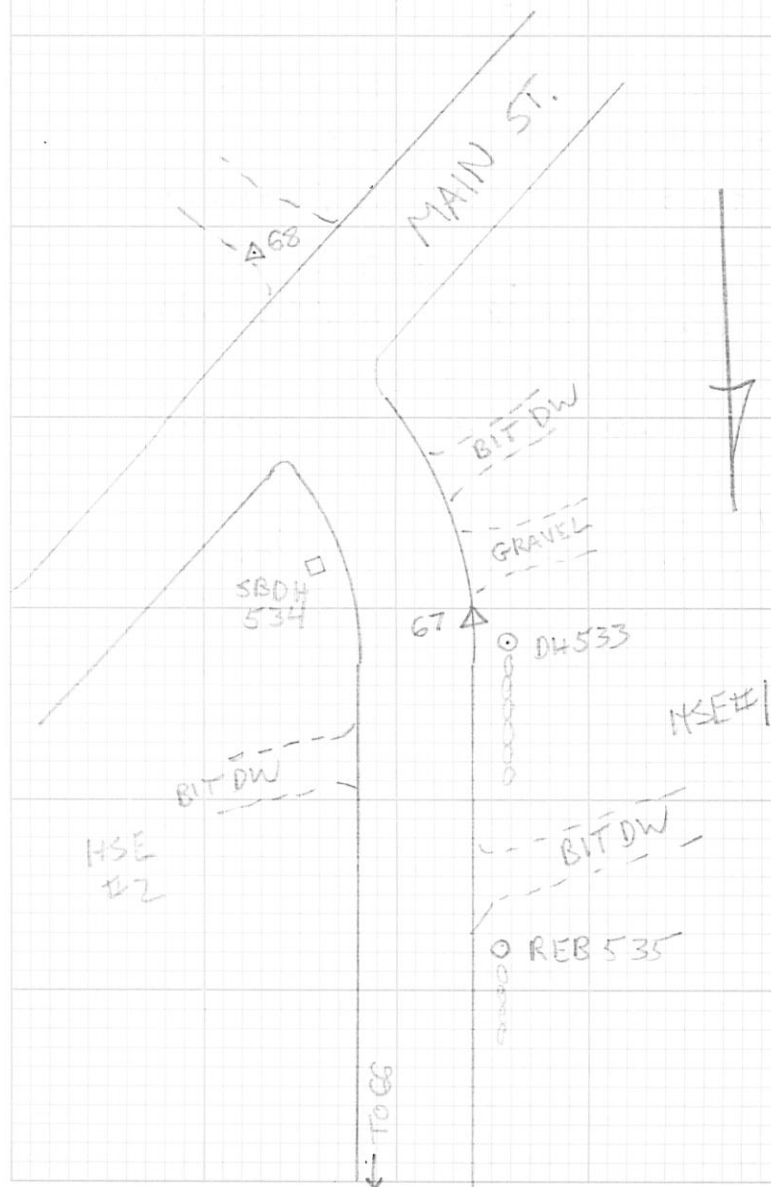
FS 535 5/8" REBAR VP 0.5' @ 5.1 (#123 667-34)

HZ * 355.04.17 DIST 148.083

NORFOLK

8/16/16

Inst.	Tape	Wthr & Temp	Date	Crew
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84/616

MAIN ST

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLEAR 90'S	8/8/2022	RF CP PR
8167	FILE:	1027-TRAV		
		1027-SS		

TC68 HI=5.34 BS67@5.45

FS69 SN/SET @5.51

HZ & 43.37.25 DIST 531.759

FS70 SN/SET @5.22

HZ & 230.30.48 DIST 828.434

FS71 MN/FND @5.28

HZ & 232.25.23 DIST 441.872

FS536 SBDH UP 0.3 @5.1 (#126 667-40)

HZ & 30.10.23 DIST 171.612

FS537 SBDH FLUSH @5.1 (#127 667-40)

HZ & 50.36.06 DIST 163.789

FS538 SBDH DOWN 0.3 @8.5 (#124 667-39)

HZ & 262.12.09 DIST 91.748

FS539 1.5" IP FND @8.7 (#125 667-39)

HZ & 262.40.21 DIST 90.522

TC71 HI=5.28 BS68@5.34

FS70A @5.22

HZ & 175.54.38 DIST 387.086

FS540 SBDH DOWN 0.5 @5.4 (#128 667-41)

HZ & 252.24.03 DIST 16.259

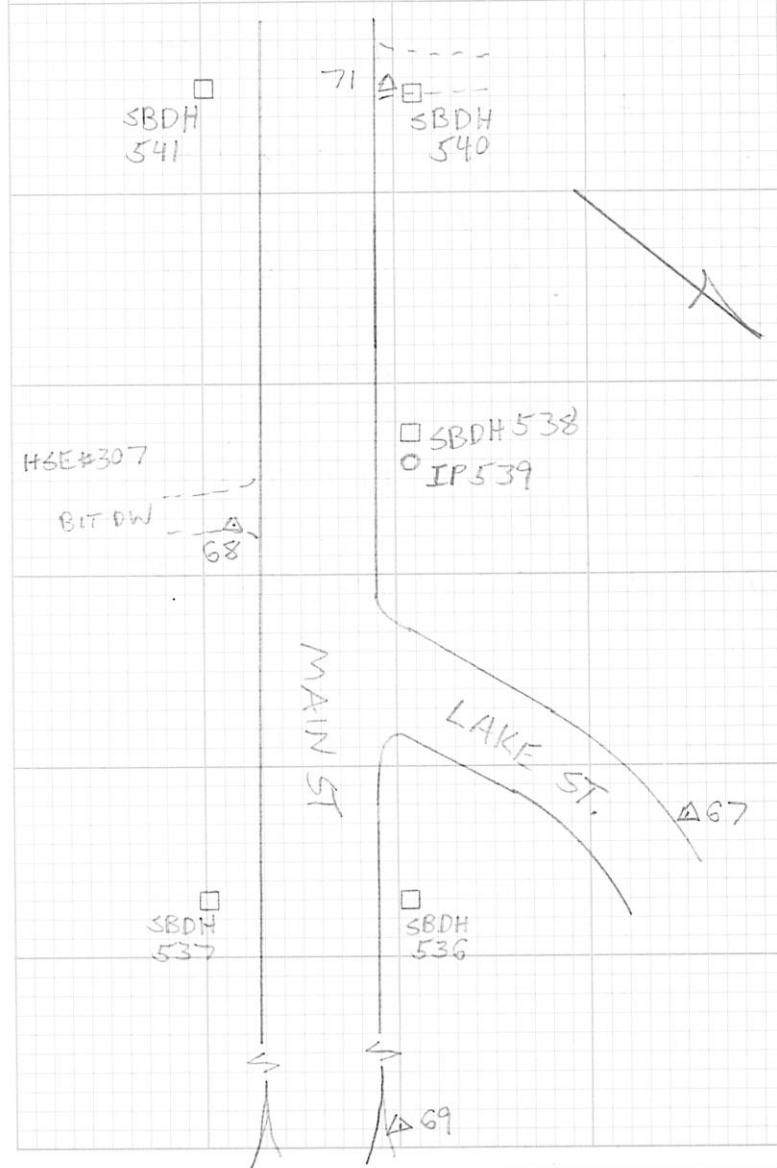
FS541 SBDH FLUSH @5.4 (#129 667-41)

HZ & 90.04.06 DIST 44.362

NORFOLK

83/676

Inst.	Tape	Wthr & Temp	Date	Crew
		Δ 70		



84/676

MAIN ST

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLEAR 90'S	8/8/2022	RTF
8167		FILE: 1027-TRAV		CP
		1027-SS		PK

AC@70 HI=5.22 BS 71 @ 5.28

FS 68A @ 5.34

HZ # 2.10.49 DIST. 828.435

FS 542 SBDH DOWN 0.5 @ 5.1

HZ # 215.01.53 DIST 20.489

FS 543 SBDH FLUSH IN ST/WALL @ 5.1

HZ # 188.14.03 DIST 517.500

FS 544 SBDH FLUSH @ 5.1

HZ # 180.55.33 DIST 452.221

FS 545 SBDH DOWN 0.2 @ 7.0

HZ # 172.49.45 DIST 419.562

NORFOLK

85/676

Inst.	Tape	Wthr & Temp	Date	Crew

MYRTLE ST

SBDH 543

SBDH 544

SBDH 545

N/F
DVGZ^x

MAIN ST.

SBDH 542

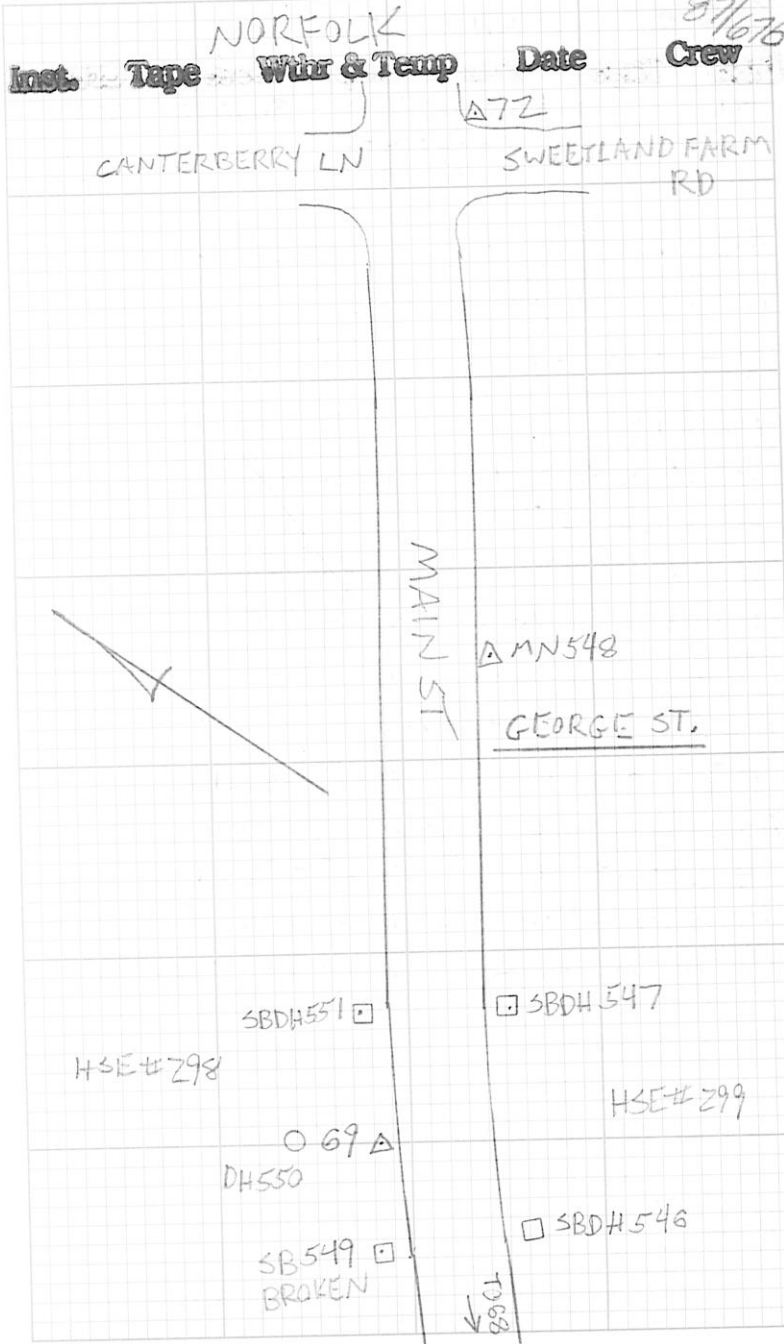
Δ 70

Δ 71

G8 Δ

8/6/76 MAIN ST
 Inst. Tape Wthr & Temp Date Crew
 TS16 P. CLOUDY 70's 8/11/2022 RTF
 8167 FILE: 1027-TRAV CP
 1027-SS PR

TC69 HI = 5.35 BS 68 @ 5.36
 FS 72 @ 5.16 MN/SET
 HZ & 191.27.00 DIST 1490.614
 FS 546 SBDH DOWN 0.4 @ 6.0 (#130-667/42)
 HZ & 335.16.11 DIST 96.273
 FS 547 FLVSH @ 6.0 (#133-667/42)
 HZ & 203.28.28 DIST 194.725
 FS 548 MN/FND @ 5.1 (#45 FB668-P3)
 HZ & 193.56.22 DIST 661.952
 FS 549 SBDH BROKEN DOWN 1.5' @ 6.8
 HZ & 13.13.17 DIST 85.412
 FS 550 DH/FND @ 5.1 (#132-667/42)
 HZ & 111.21.19 DIST 39.638
 FS 551 SBDH DOWN 0.2 @ 6.0 (#134-667/42)
 HZ & 185.37.52 DIST 191.839



89/676

MAIN ST

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		P. CLOUDY 70'S	8/11/2022	RTF
8167	FILE:	1027-TRAV		CP
		1027-SS		PR

TE 72 HI = 5.16 BS 69 @ 5.35
 FS 73 MN/SET @ 5.21
 HZ & 88.44.03 DIST 445.633

FS 548A MN/FND @ 5.1 (#45-66813)

HZ & 358.00.47 DIST 829.781

FS 552 CBDH @ 1.67 FLUSH

HZ & 350.40.03 DIST 97.959

FS 553 CBDH @ 5.1 FLUSH

HZ & 290.52.46 DIST 31.897

FS 554 SBDH @ 9.0 DOWN 0.2

HZ & 8.42.45 DIST 208.617

FS 555 CBLP @ 5.1 UP 0.2

HZ & 28.38.35 DIST 95.531

FS 556 CBLP @ 5.1 UP 0.2

HZ & 51.43.24 DIST 92.962

FS 557 CBLP @ 5.1 UP 0.4

HZ & 122.05.12 DIST 71.127

FS 558 CBLP @ 5.1

HZ & 92.46.09 DIST 92.791

FS 559 SBDH @ 5.1 DOWN 0.2

HZ & 146.56.16 DIST 125.376

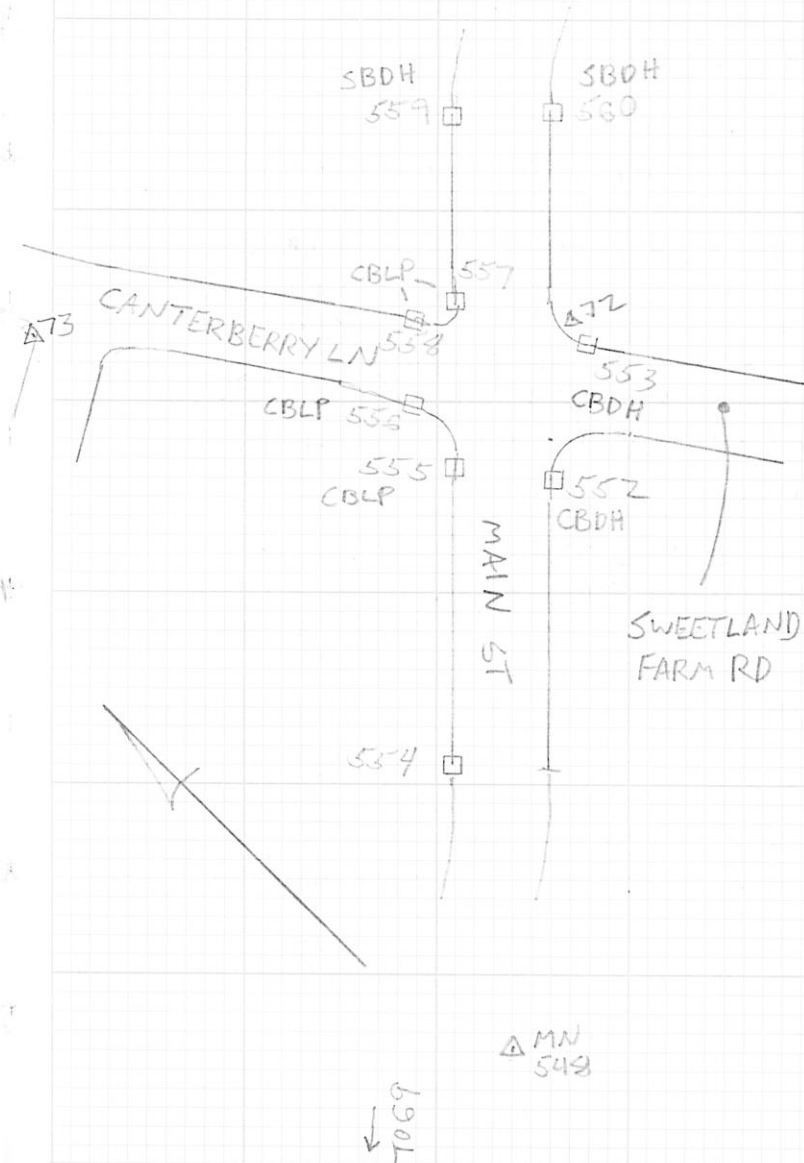
FS 560 SBDH FLUSH @ 5.1

HZ & 175.30.16 DIST 112.460

NARFOLK

89/676

Inst.	Tape	Wthr & Temp	Date	Crew
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9/1/676

CANTERBERRY LN

Inst.	Tape	Wthr & Temp	Date	Crew
TS12		CLEAR 70/3	8/12/2022	RTF CP PR
8167		FILE: 1027-TRAV 1027-SS		

Te 73 HI=5.35 BS 72 @ 5.54

FS 74 MN/SET @ 5.06

HZ & 209.19.03 DIST 295.030

- FS 561 CBLP FLUSH @ 5.1

HZ & 269.56.43

DIST 49.48 FS 562 CBDH @ 5.4

HZ & 153.43.31

- FS 563 CBDH @ 5.4 DOWN 0.1

HZ & 87.13.51

DIST 21.50

DIST 21.50

- FS 564 CBDH @ 5.4 DOWN 0.1

HZ & 96.15.39

DIST 154.220

43.543

- FS 565 CBDH @ 5.4 DOWN 0.1

HZ & 99.03.58

DIST 199.254

- FS 566 RR SPIKE W/DIT @ 5.4

HZ & 46.58.25

DIST 22.463

- FS 567 CBDH @ 5.4 DOWN 0.2

HZ & 43.13.35

DIST 71.140

- FS 568 CBDH @ 5.4 DOWN 0.2

HZ & 86.36.35

DIST 220.123

- FS 569 CBDH @ 6.0 DOWN 0.1

HZ & 103.48.21

DIST 266.467

- FS 570 CBDH @ 0.32 DOWN 0.1

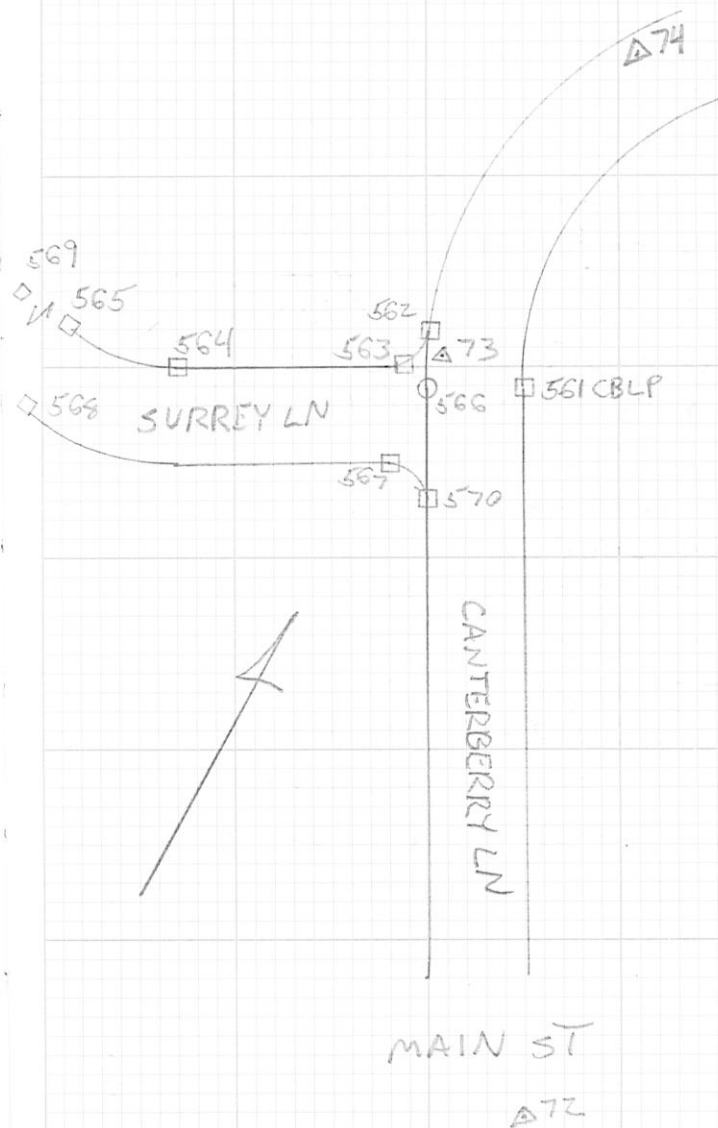
HZ & 15.51.01

DIST 88.125

NORFOLK

9/1/676

Inst.	Tape	Wthr & Temp	Date	Crew
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92/676

CANTERBERRY LN

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLEAR 70'S	3/12/2022	RTF
8167	FILE: 1027-TRAV			CP
	1027-SS			PR

TC 74 HI = 5.06 BS 73 @ 5.35

- FS 75 MN/SET @ 5.10

HZ & 253.20.31 DIST 646.876

- FS 571 CBLP @ 5.4 FLUSH

HZ & 246.35.31 DIST 144.119

TC 75 HI = 5.10 BS 74 @ 5.06

- FS 76 MN/SET @ 5.23

HZ & 193.32.05 DIST 610.875

- FS 572 CBLP @ 5.4 FLUSH

HZ & 70.00.22 DIST 47.855

- FS 573 CBLP @ 5.4 DOWN 0.1

HZ & 207.23.50 DIST 178.063

TC 76 HI = 5.23 BS 75 @ 5.10

- FS 77 MN/SET @ 5.63

HZ & 269.57.45 DIST 309.708

- FS 574 REMAINS OF MN FND @ 5.40 (H41 882/14)

HZ & 355.26.06 DIST 83.370

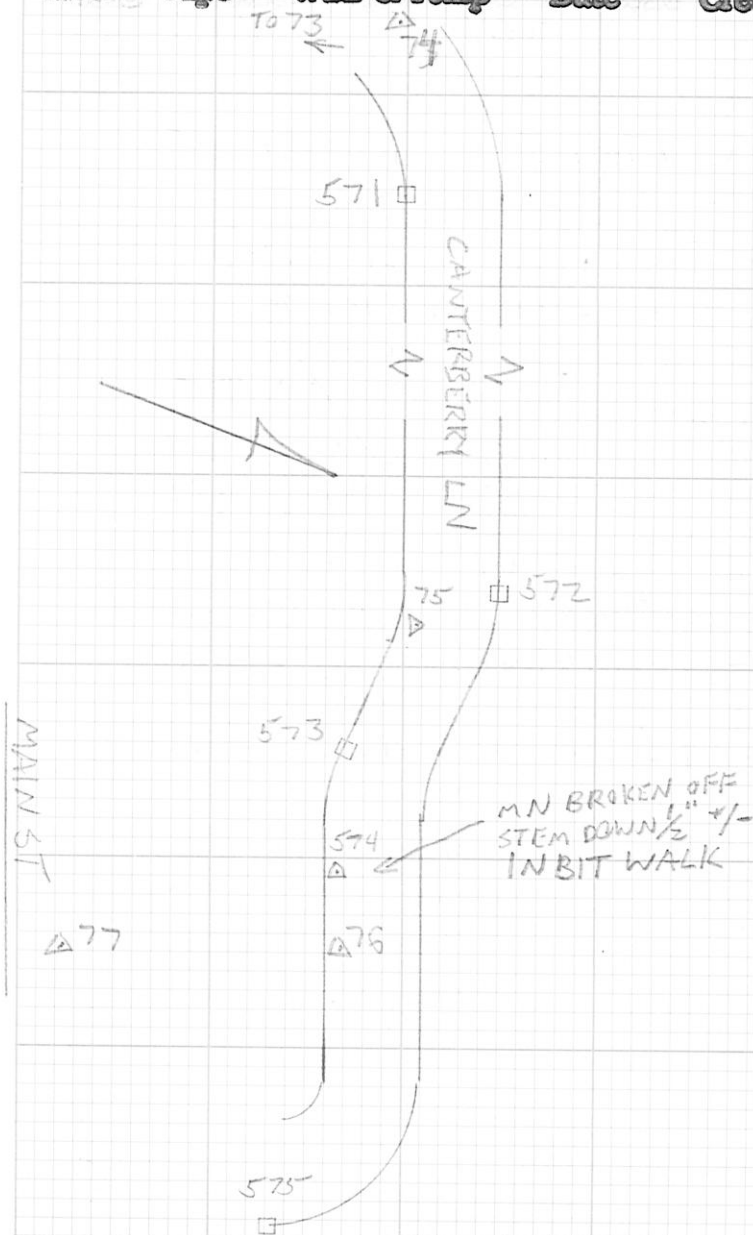
- FS 575 CBLP @ 5.4 DOWN 0.1

HZ & 190.20.35 DIST 394.119

NARFOLK

92/676

Inst.	Tape	Wthr & Temp	Date	Crew
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7/4/676

MAIN ST

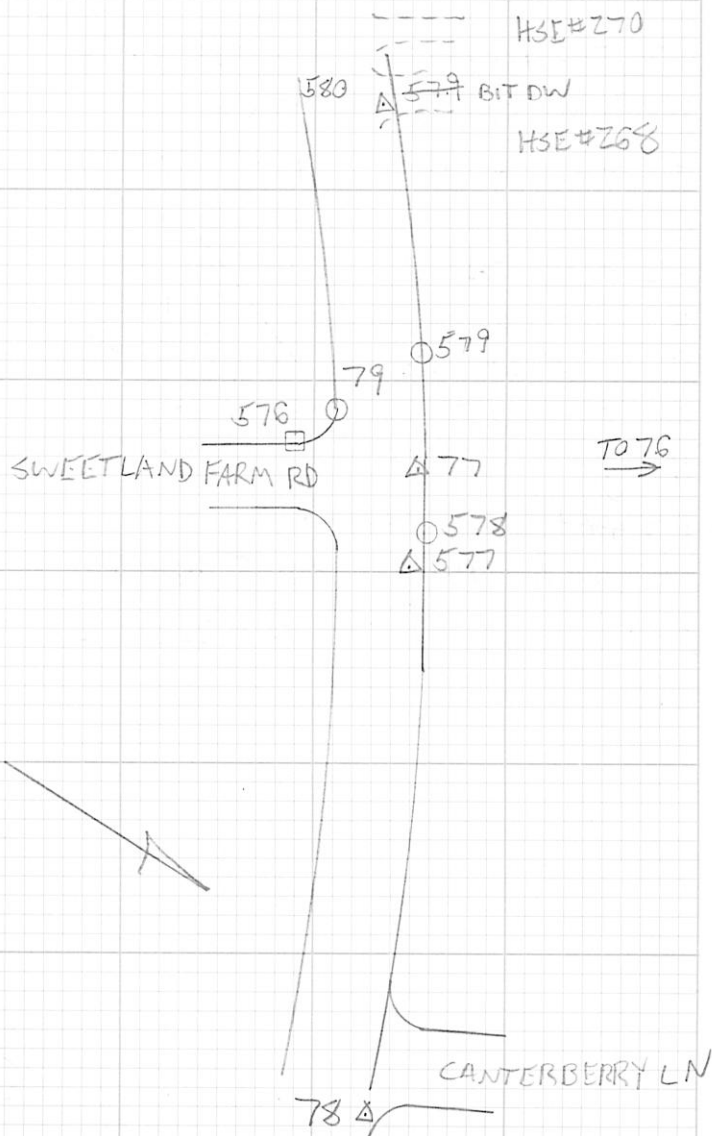
Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLEAR 80'S	8/16/2022	RJK
8167	FILE:	1027-TRAV		CP
		1027-SS		PR

- A @ 77 HI = 5.40 BS 76 @ 6.05
 - FS 78 CAPPED REBAR @ 5.30
 HZ & 87.43.57 DIST 471.459
 - FS 79 DISK NF -1 @ 5.30
 HZ & 220.45.34 DIST 78.869
 - FS 576 CBDH FLUSH @ 5.4
 HZ & 189.45.08 DIST 90.435
 - FS 577 MN/FND @ 5.4 (#42-668/4)
 HZ & 82.09.45 DIST 71.050
 - FS 578 G&H CAPPED REBAR @ 0.32
 HZ & 72.33.44 DIST 61.456
 - FS 579⁵⁸⁰ MN/FND @ 5.4 (#43-668/4)
 HZ & 250.49.41 DIST 442.114
 - FS 579 G&H CAPPED REBAR @ 5.4
 HZ & 263.26.06 DIST 118.425

NORFOLK

95/676

Inst.	Tape	Wthr & Temp	Date	Crew
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9/6/676

MAIN ST

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLEAR 80'S	8/19/2022	RTF
8167				CP
				PR

FILE: 1027_TRAV
1027-SS

K@ 78 H1=5.30 BS 77@5.40

FS 80 SN/SET @ 5.58

HZ & 180.01.04 DIST 699.660

- FS 581 CBLP DOWN 0.1 @ 5.4

HZ & 52.21.18 DIST 46.485

- FS 582 CBLP DOWN 0.1 @ 5.4

HZ & 29.24.38 DIST 108.283

- FS ⁵⁸⁵583 CBLP DOWN 0.3 @ 8.7

HZ & 57.32.33 DIST 247.394

- FS ⁵⁸⁶584 CBLP FLUSH @ 5.4

HZ & 90.44.21 DIST 14.034

- FS 587 SBDH DOWN 0.2 @ 6.27

HZ & 192.22.25 DIST 232.029

NORFOLK

9/7/676

Inst.	Tape	Wthr & Temp	Date	Crew
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Δ 77

MAIN ST

582 585
~~583~~

CANTERBERRY LN

78

581
~~584~~
586

575 (P.93)

587 □



80 Δ

MEDWAY ST

98/676 MAIN ST & MEDWAY ST

Inst.	Tape	Wthr & Temp	Date	Crew
TSIG	8167	P. CLOUDY 80'S	8/18/2022	RTIC CP PR
		FILE: 1027-TRAV		
		1027-SS		

T@8041=5.15 BS 78@5.30

- FS 81 SN/SET @5.30

HZ 65.32.21 DIST 708.493

- FS 588 5/8" REBAR VPO.2 @5.4

HZ 149.29.23 DIST 116.697

- FS 589 DH/FND @5.1

HZ 78.01.23 DIST 120.887

- FS 590 CH SQR BM @5.4

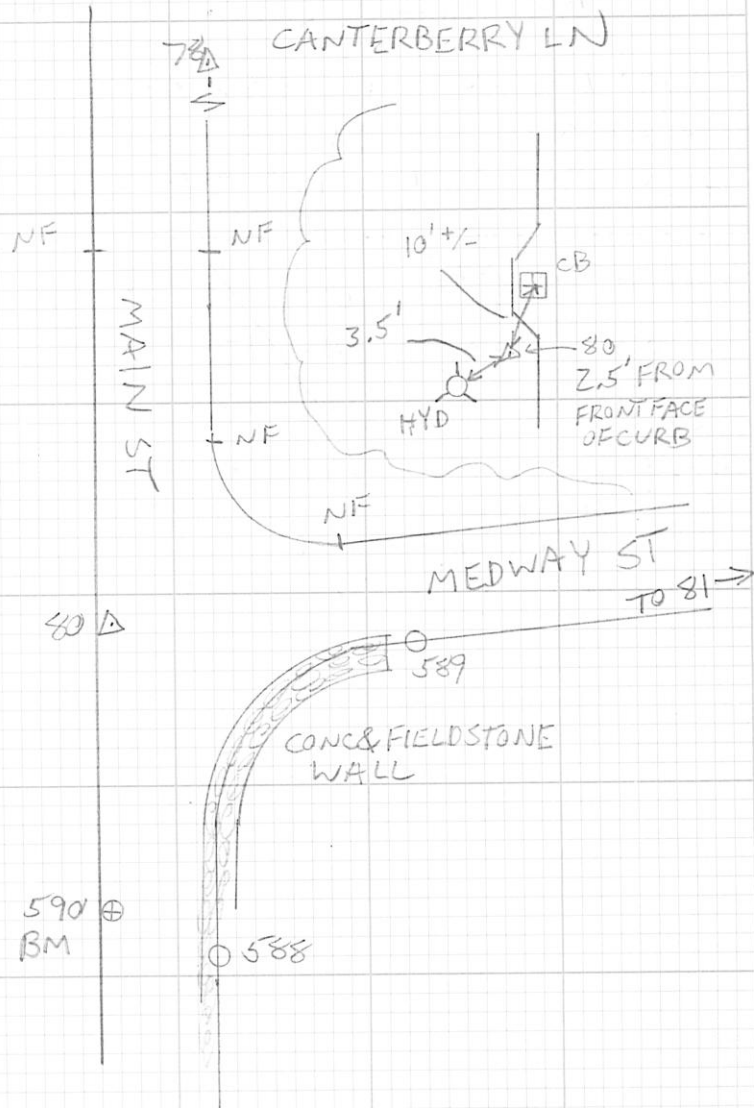
HZ 170.37.10 DIST 70.496

CH. SQR NW CORNER CONC BASE OF
SCHOOL SPEED LIMIT SIGN ON MAIN ST.
OPPOSITE MEDWAY ST. (6671Z)

NORFOLK

99/676

Inst.	Tape	Wthr & Temp	Date	Crew



100/676

MEDWAY ST

Inst.	Tape	Wthr & Temp	Date	Crew
TSIG		P, CLOUDY 80'S	8/18/2022	RIF CP PR
8167 FILE: 1027-TRAV				
1027-SS				

TE 81 HI = 5.30 BS 80 @ 5.15
 FS 55A (1055 P.69) @ 5.10
 HZ 161.45.54 DIST 347.226

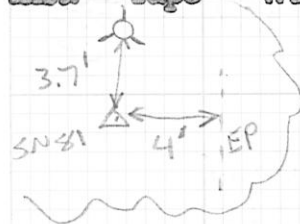
TE 55 HI = 5.10 BS 81 @ 5.30
 FS 53A (1153 P.67) @ 5.47
 HZ 171.15.32 DIST 441.333

FS 591 2" IP FND @ 0.17
 HZ 178.53.08 DIST 50.530

NORFOLK

101/676

Inst.	Tape	Wthr & Temp	Date	Crew
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BIT DW
 HSE #12 61 Δ

HSE #11

BIT DW

HSE #17

φ UP #9

53.0' 1.5'

-SN 55

4.5'

BIT DW

53.9'

HSE #19

φ UP #10

HSE #20 53 Δ

BIT DW

591 ○

Δ 53 CRESSBROOK

102/676

NORFOLK

Inst.	Tape	Wthr & Temp	Date	Crew
LS15		CLEAR 60'S	9/16/2022	RTF CP PR
7946				

DIST	BS+	HI	FS-	DIST	ELEV NAVD88	PT#
51	1.5935	191.7045			190.111	1000
54	1.9901	191.2164	2.4782	50	189.2263	54
109	2.0122	184.3065	8.9220	59	182.2943	1001
54	1.3806	175.9995	9.6876	114	174.6189	1002
95	1.4852	169.0260	8.4597	59	167.5398	56
71	4.2146	169.1951	4.0445	107	164.9805	1003
58	1.7110	168.2249	2.6812	54	166.5139	57
48	2.7647	162.9245	8.0651	76	160.1598	1004
173	2.6221	157.5970	7.9496	59	154.9749	58
66	7.0099	162.5966	2.0102	149	155.5867	1005
33	7.1167	168.1662	1.5471	83	161.0495	59
78	8.6269	172.9424	3.8507	21	164.3155	515
72	9.9522	181.6644	1.2302	59	171.7122	1006
32	7.4321	187.6651	1.4314	46	180.6630	1007
127	10.3283	194.3450	3.6484	32	184.0167	60
61	7.5351	200.0120	1.8682	122	192.4768	1008
49	3.1125	199.6764	3.4481	55	196.5639	61
31	2.1020	191.0364	10.7420	53	188.9344	1009
66	1.4367	184.9380	7.5350	31	183.5014	1010
117	2.1842	179.2145	7.9077	62	177.0303	62
19	4.9268	178.8311	5.3102	117	173.9043	63
75	6.6703	181.2998	4.2017	23	174.6294	525
93	11.8948	192.1113	1.0833	60	180.2165	1011
42	4.5824	195.6632	1.0305	86	191.0807	1012
107	5.3162	196.8097	4.1696	43	191.4936	64
114	5.5450	198.5904	4.0683	100	192.7414	65
109	6.5135	203.2779	1.8220	115	196.7644	529
		3.2045		69	200.8735	68

LAILE ST

103/676

Inst.	Tape	Wthr & Temp	Date	Crew

DESCRIPTION

TBM	SPK IN UP 16/22 MEDWAY ST (667/9)
MN (P.69)	
TURTLE	
TURTLE	
MN (P.69)	
TURTLE	
SN (P.71)	
TURTLE	
SN (P.71)	
TURTLE	
REBAR (P.73)	
BM "D" (P.73)	
TURTLE	
TURTLE	
MN (P.73)	
TURTLE	
MN (P.75)	
TURTLE	
TURTLE	
MN (P.75)	
MN (P.75)	
BM "C" (P.77) SPK UP #14 (START 9/19/2022)	
TURTLE	
TURTLE	
MN (P.77)	
MN (P.77)	
BM "B" SPK UP #7 (P.79)	
(CONT. NEXT PG)	

104/676

NORFOLK

Inst.	Tape	Wthr & Temp	Date	Crew
LS15		CLOUDY 60'S	9/19/2022	RTE CF FR
7946				

DIST	BS+	HI	FS-	DIST	ELEV NAVD 88	PT#
21	4.3265	205.1711	2.4334	99	200.8446	1013
198	6.4299	206.5025	5.0935	24	200.0725	66
61	5.3361	209.7885	2.2881	197	204.2143	67 1014
61	5.5666	209.7889				
57	3.8539	209.3551	4.2776	58	205.5013	1014
108	5.5975	209.5564	5.3693	55	203.9589	68
192	2.2493	206.4006	5.3391	110	204.2173	67
115	2.5509	202.6236	6.3938	202	200.0728	66
79	3.5966	198.4226	7.7976	124	194.8260	1015
99	4.4706	197.2149	5.6783	87	192.7443	65
63	4.3095	195.8068	5.7176	109	191.4972	64
44	2.2453	192.2366	5.8154	74	189.9913	1016
55	1.0760	182.9173	10.3953	58	181.8413	1017
33	4.6785	179.8122	7.7837	60	175.1337	1018
119	5.3665	179.2125	5.9061	35	173.9060	63
74	8.5794	185.6140	2.2379	116	177.0346	62
48	8.8314	192.2605	2.1851	57	183.4289	1019
53	10.1169	200.5816	1.7956	34	190.4647	1020
70	2.4916	199.0550	4.0182	36	196.5633	61
112	2.0962	193.7149	7.4363	77	191.6187	1021
50	2.1876	186.2022	9.7002	103	184.0147	60
36	2.5820	180.3849	8.3944	46	177.8028	1022
62	1.0666	173.1847	8.2668	45	172.1181	1023
		8.8771	76	164.2076	515	

LAKE ST.

105/676

Inst.	Tape	Wthr & Temp	Date	Crew

DESCRIPTION

TURTLE
MN (P. 79)
MN (P. 81)
BM SPK IN UP 28/1

BM SPK IN UP 28/1 (LAKE ST @ MAIN ST)
MN (P. 81)
MN
MN
TURTLE
MN
MN
TURTLE
TURTLE
TURTLE
MN
MN
TURTLE
TURTLE
TURTLE
MN
TURTLE
MN
TURTLE
TURTLE
BM "D"

106/676

NORFOLK

Inst. Tape Wthr & Temp Date Crew
 ESTS 7946 CLOUDY 60'S 9/20/2022 RTF
 CP
 PR

PLST	BS+	HI	FS-	DIST	ELEV NAVD88	PTH
25	3.3508	167.6583			164.3076	515
102	1.2455	162.2882	6.6157	24	161.0427	59
123	4.0775	157.8634	8.5022	114	153.7860	1024
77	9.0918	164.0536	2.9017	133	154.9618	58
59	7.3575	169.0737	2.3373	67	161.7163	1025
50	2.1282	168.6324	2.5696	49	166.5041	57
101	4.2475	169.2406	3.6392	67	164.9932	1026
73	9.9173	177.4446	1.7133	100	167.5273	56
109	9.3524	185.2297	1.5772	68	175.8674	1027
63	10.1878	193.0470	2.3725	106	182.8592	1028
			2.9512	44	190.0958	1000

LAKE ST

107/676

Inst. Tape Wthr & Temp Date Crew
 FILE: 1027.GSI

DESCRIPTION

BM "D"
 REBAR
 TURTLE
 SN
 TURTLE
 SN
 TURTLE
 MN
 TURTLE
 TURTLE
 BM - P.O.B.

109/676

Inst. Tape

NORFOLK
Wthr & TempLAKE
DateST
CrewGS-16
299750° OVERCAST
10/3/2022CP
FR.~~1027 DETAIL FILE - 10-03-22 DETAIL~~

TK 68 MN HI = 5.61 BS 67 MN 5.45

~~FS 6500 - FS 592 MBMK 6.00 UP 28~~
* 8° 16' 27" HD = 102.030~~FS 6500 - FS 6503 - FS 6512 - FS 6580~~6501, 6502, 6500 - 6511 DELETED, 6578 DELETED
MFLY ON 67 MFLY ON 6580 MN 6580

TK 67 HI 5.45 BS 68 MN 5.61

FS 6581 - 6728

MFLY ON 66 MN 6728

SEE PAGES 79-81 THIS BOOK

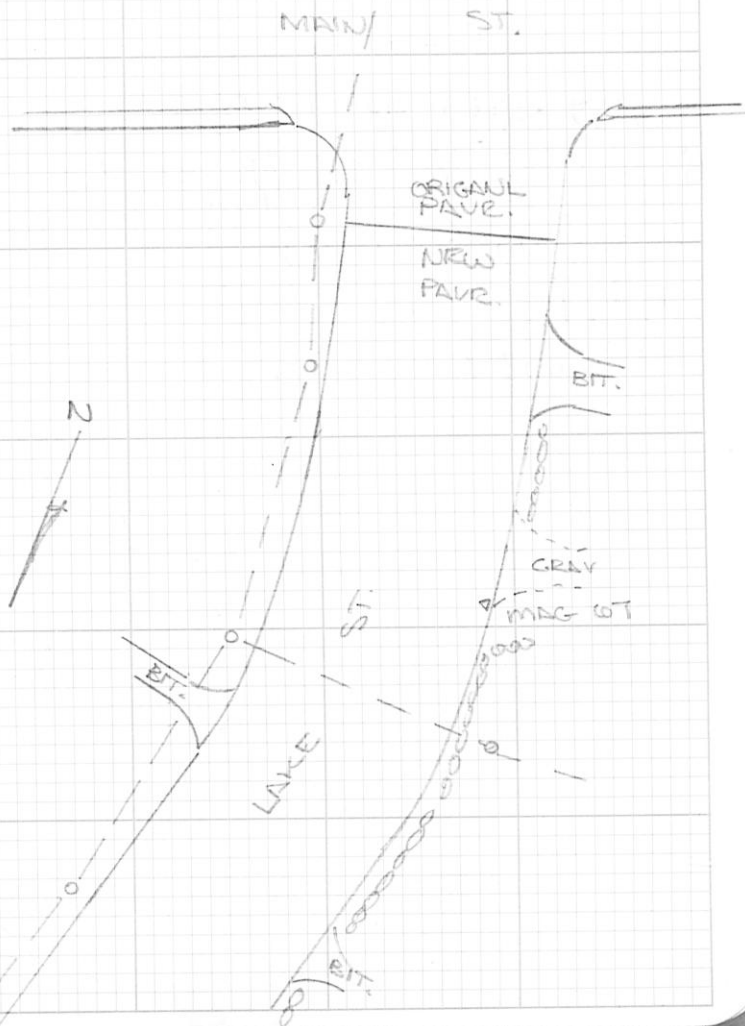
109/676

Inst. Tape

NORFOLK LAKE ST
Wthr & Temp

Date

Crew



110/676

NORFOLK

LAKE ST

Inst.	Tape	Wthr & Temp	Date	Crew
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GS-16		OVERCAST 52°	10/04/2022	CP PR
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FILE: 1027 DETAIL

∇ @ 66 MAG → 67 MAG
 (5.22) (6.00)

FS. 6729 - 6871

MFLY 6729 ON MAG 65.
 UE 6736-6738 ASSUMED DIRECTION
 TO HOUSE CORNER OF #8
 6865 & 6866 DELETED

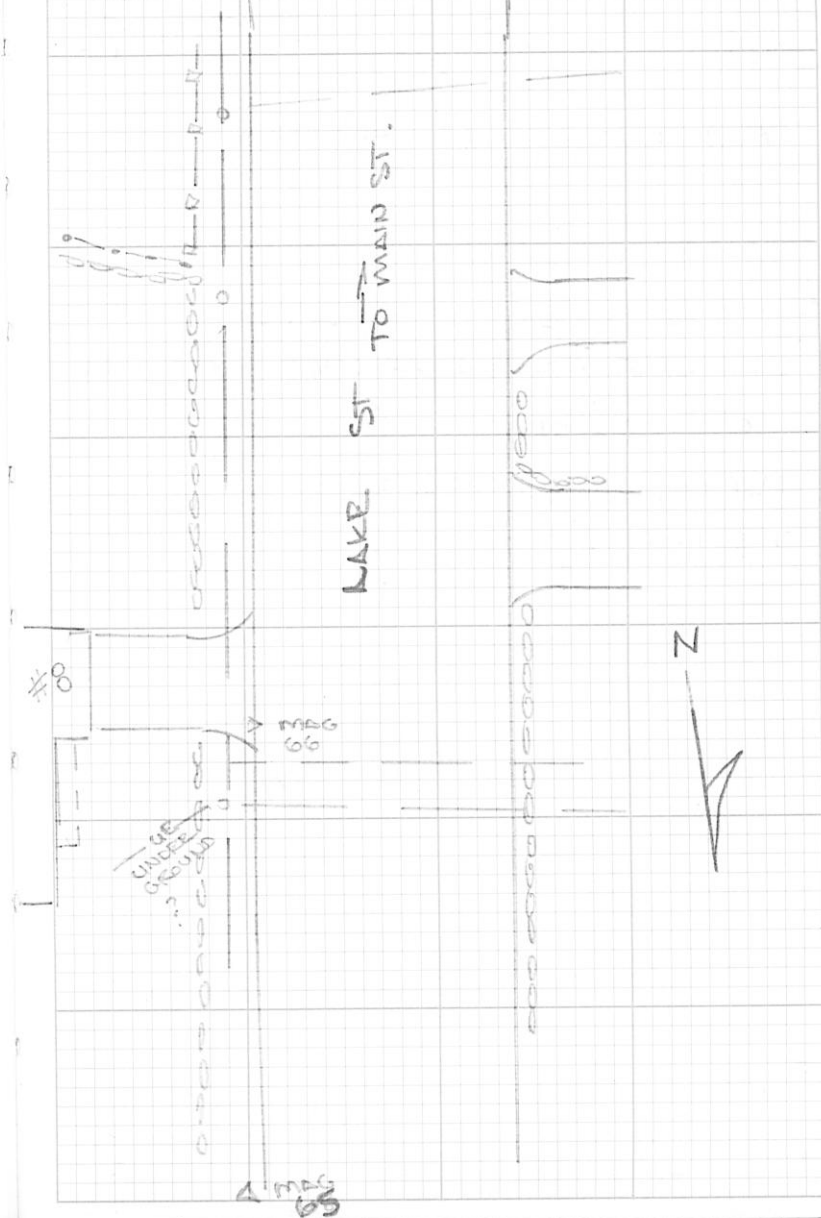
MFLY 6871 ON MN 65
 DMBX 6867 OFFSET -13

SEE PGS 77-79 THIS BOOK

111/676

111/676

Inst.	Tape	Wthr & Temp	Date	Crew
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112/676

NORFOLK LAKE ST

Inst.	Tape	Wthr & Temp	Date	Crew
GS-16	590		10/9/2022	CP
2997	CLEARING			PR
FILE: 1027 DETAIL				
K @ MAG-66 (5.6) \Rightarrow MAG-67 (5.6)				

FS 6872 - 7026

MFLY ON MAG 65 - 6872 (6.0) 360 PRISM

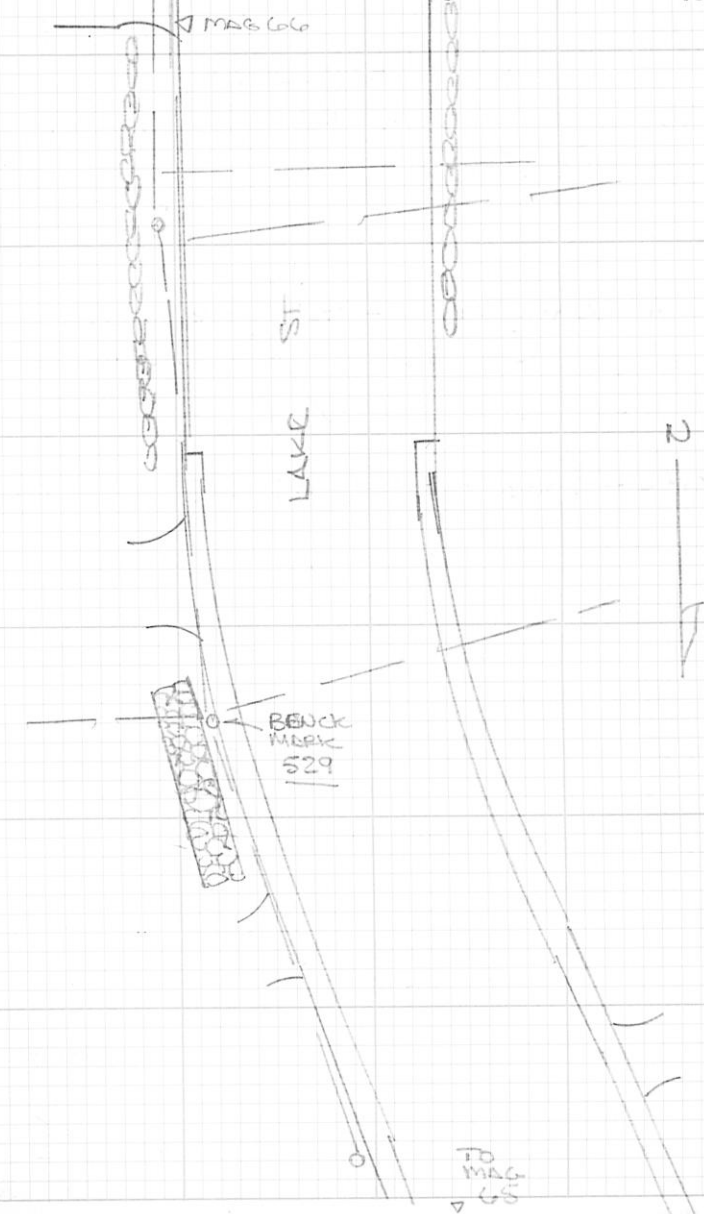
* OLD # 6867 MAIL BOX NEW SHOT. 6873 *

7005 DELETED.

MFLY ON MAG 65 - 7029 (5.10) 360 PRISM

SEE PGS 77 + 78 THIS BOOK

Inst.	Tape	Wthr & Temp	Date	Crew
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113/676

11/4/676 NORFOLK LAKE ST.

Inst.	Tape	Wthr & Temp	Date	Crew
TS-16 2997		68°F & SUNNY	10/07/2022	PR EP

FILE: 1027 DETAIL

π @ 65 MN HI = 5.40 BS 66 MN (5.10)

FS 7028 - 7039

MFLY ON MN 64 (5.10) 7028 360 PRISM

π @ MAG 65 \rightarrow ON MAG 66
(5.39) (5.10)

MFLY ON MAG 64 (5.1) 7040 360 MAG

7040 - 7086 7041 - 7042 ROD HEIGHT 100 FT
7048 DELETED.

π @ MAG 65 \rightarrow ON MAG 66
(5.31) (5.10)

MFLY ON MAG. 64 (5.1) 7087 360

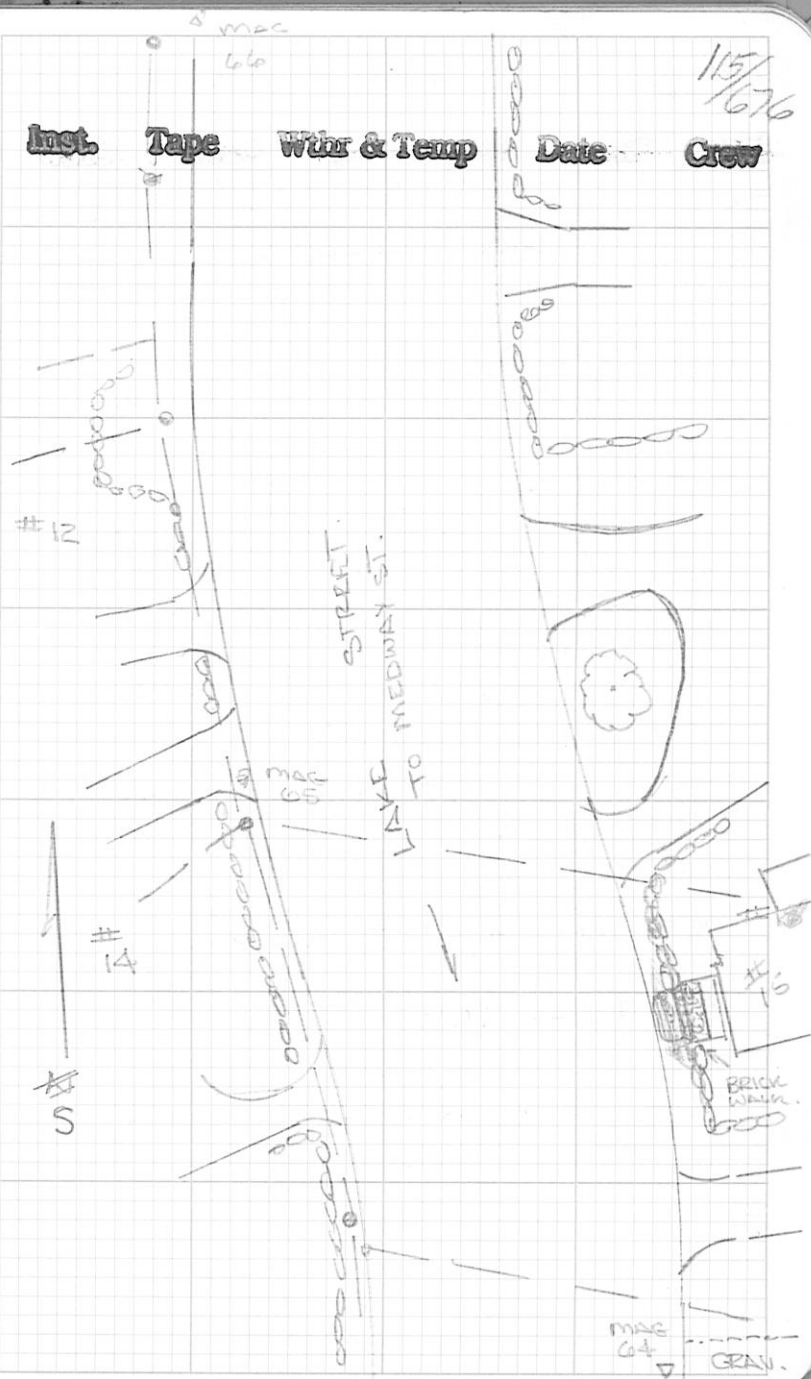
MFLY ON MAG 64 (5.1) 7189 360

FS: 7087 - 7189

SURFACE 70+77

11/5/676

Inst.	Tape	Wthr & Temp	Date	Crew
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11/6/676

LAKE ST NORFOLK

Inst. Tape Wthr & Temp Date Crew

TS16
2997 61° OVERCAST 10/27/2002 CP PR
FILE: 102T DETAILK @ MAG 64 → ON MAG 65
(5.28) (5.10)

FS-7190-7213

MFLY ON MAG. 63 - 7190 (6.0) 360

7191-7205 OHW. + UPL

• 7206-7212 MAILBOX'S + SIGN

MFLY ON MAG 63 7213 (6.0) 360

TS16 SW CLEAR 10/27/2002
2997. FILE: 102T DETAIL CP PR

(5.75)

K @ MAG 64 → ON MAG 65
(5.78) (5.10)

FS-7215-7613

MFLY ON MAG ± 63 (5.1) 7214

7215-7398 LEFT SIDE OF ROAD TO MAIN ST.

7399-7592 RIGHT SIDE OF ROAD
TO MAIN ST.

7593-7612 @ OFFROAD SHOTS.

7613 MFLY ON MAG 63 (6.0)

SEE 76+77 PAGES THIS BOOK

117/1676

Inst. Tape Wthr & Temp Date Crew



118/676

LAKE ST NORFOLK

Inst.	Tape	Wthr & Temp	Date	Crew
TS 16		39° CLR.	10/28/2022	CP
2997				PR

(5.22)

X @ MAG 63 → 00 ON MAG 64
(5.21) (5.10)

FS-7614

MFLY ON MAG 62 7614 (5.10)

7615-7617 EDGE OF GRAV.

7618-7630 OIL WIRES

7631-7654 GRAIL LEFT

7655-7662 GRAIL LEFT

7663 SZS BENCH MARK

7664 REINFORCED CONC. PIPE 24"

7665 CORR. METAL PIPE 24"

7666-7673 EDGE OF GRAV.

7674-7747 RIGHT SIDE OF LAKE ST

7748-7768 LEFT SIDE OF LAKE ST

7769-7790 GRAV DRIVE.

7791-7808 E RD.

MFLY ON MAG 62 7809 (6.0)

SEE PGS 74-77

119/676

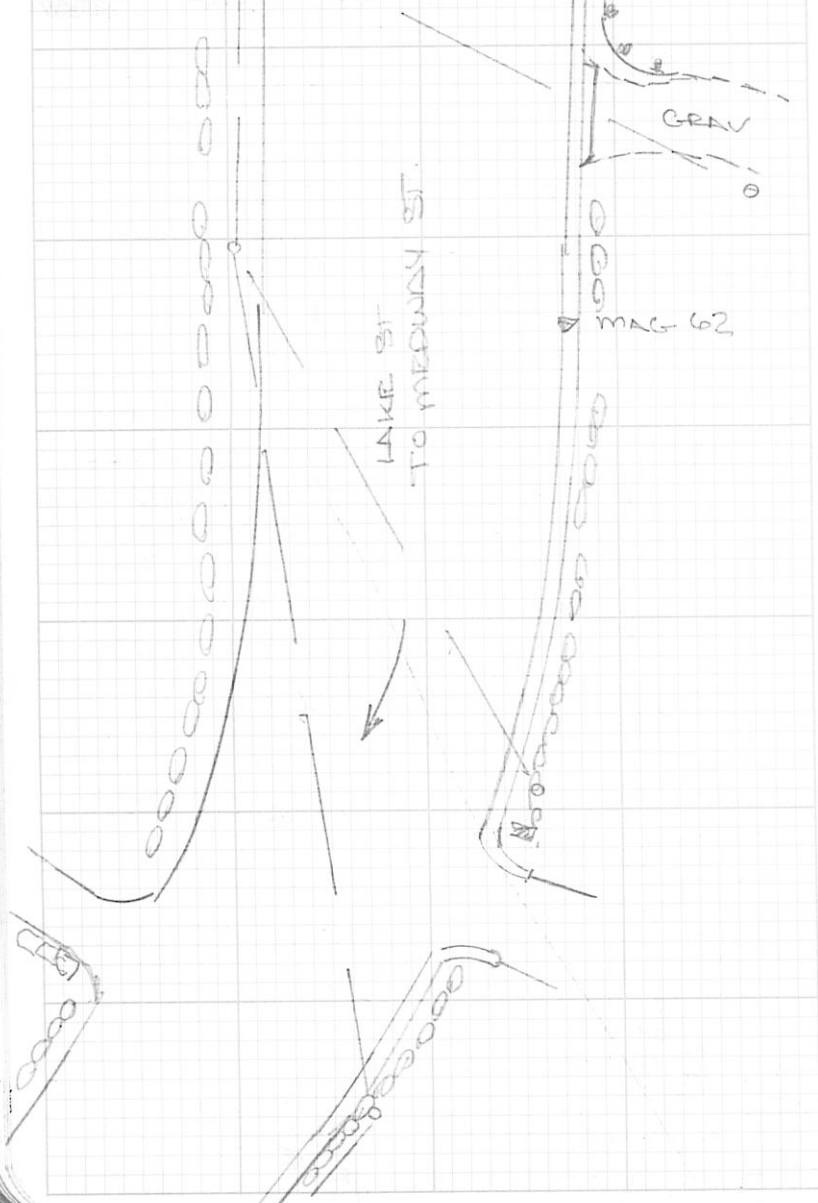
Inst.	Tape	Wthr & Temp	Date	Crew



120/676

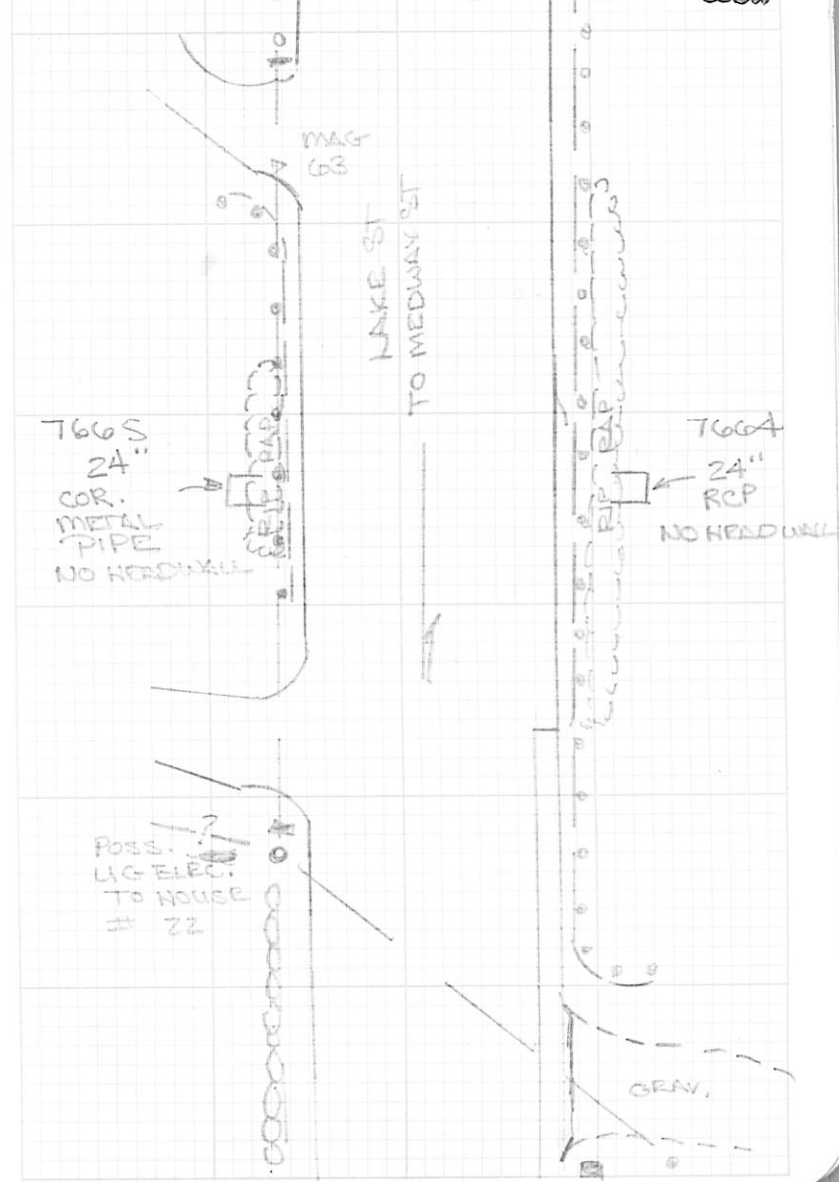
LAKE ST NORFOLIC.

Inst.	Tape	Wthr & Temp	Date	Crew
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121/676

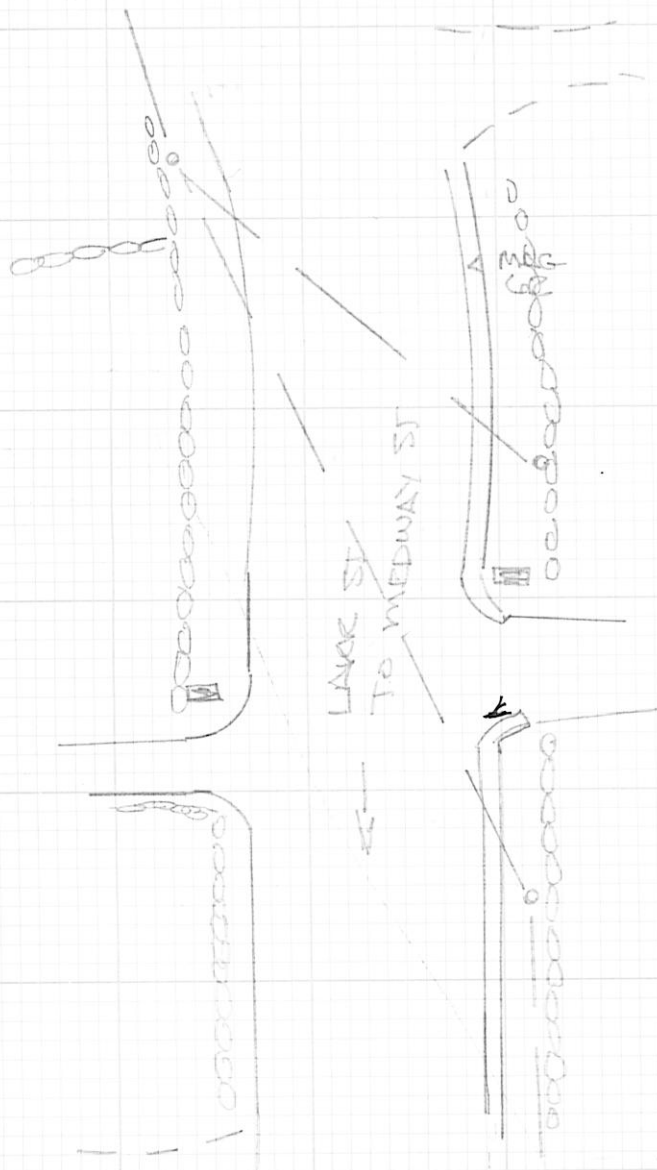
Inst.	Tape	Wthr & Temp	Date	Crew
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124/616

LAKE ST

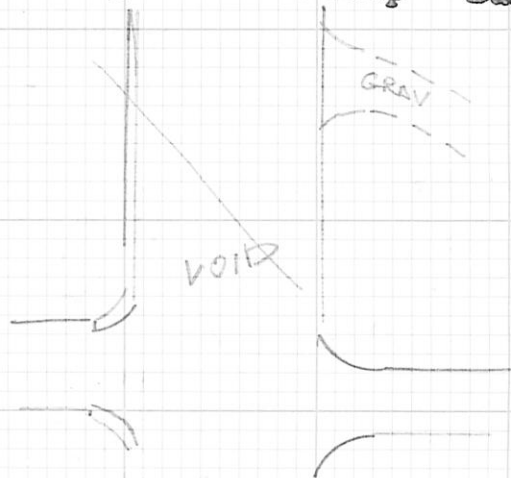
Inst.	Tape	Wthr & Temp	Date	Crew
-------	------	-------------	------	------



125/616

NORFOLK

Inst.	Tape	Wthr & Temp	Date	Crew
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12/6/76

LAKE ST

Inst. Tape Wthr & Temp Date Crew

TS-16
2997 1027 DETAIL
CLEAR 40° 10/31/2022
PR
CP

X @ MAG 62 → ON MAG 63
(5.32) (5.10)

7810-7930

MFLY ON MAG 61 (5.10) 7010

7811-7821

ONW. MECK;

7822-7855

LEFT SIDE OF RD
TO MAIN ST
RIGHT SIDE OF RD
TO MAIN ST.

7856-7916

7862-7863 DELETED.

7917-7929

MFLY ON MAG 61 (5.10) 7930

X @ MAG 61 → ON MAG 62
(5.10) (5.10)

7931-8130 8130 MFLY ON MAG 60 (5.10)

MFLY ON MAG 60 (5.10) 7931

7932-7949 E. GRAV. ELV. STIOTS

7950-7964 ONW + POLES MECKRS, SIGNS.

7965-7965

7966-8027 LEFT SIDE OF RD TO MAIN ST

8028-8113 RIGHT SIDE OF RD TO MAIN ST

8114-8129 @ RD.

* 7964 DELETED SKIPPED 8000 + 8001

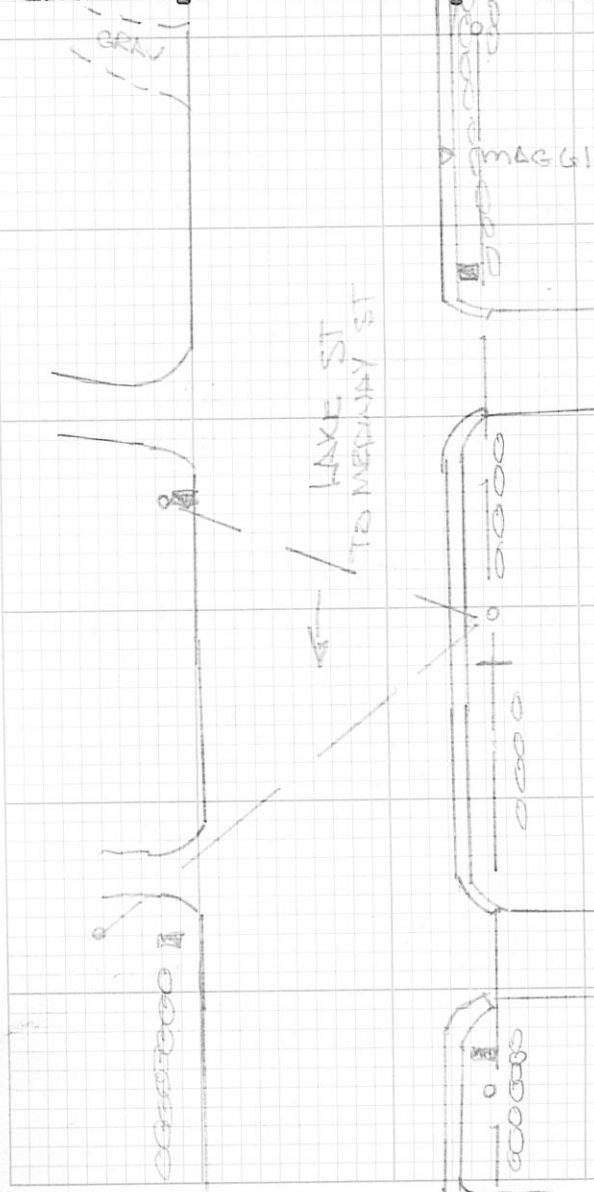
7970 " " SEE PAGE 74-75

8039 " " SEE PGS 72-73

12/6/76

NORFOLK

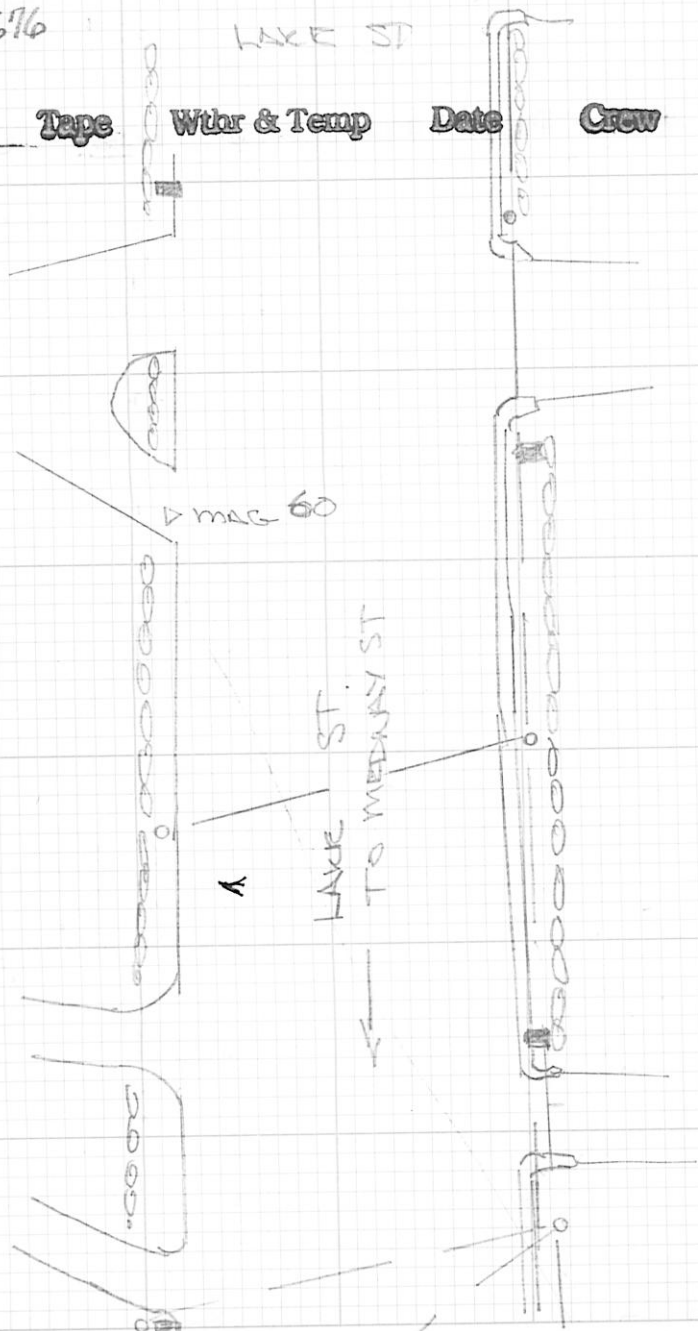
Inst. Tape Wthr & Temp Date Crew



128/676

LAKR ST

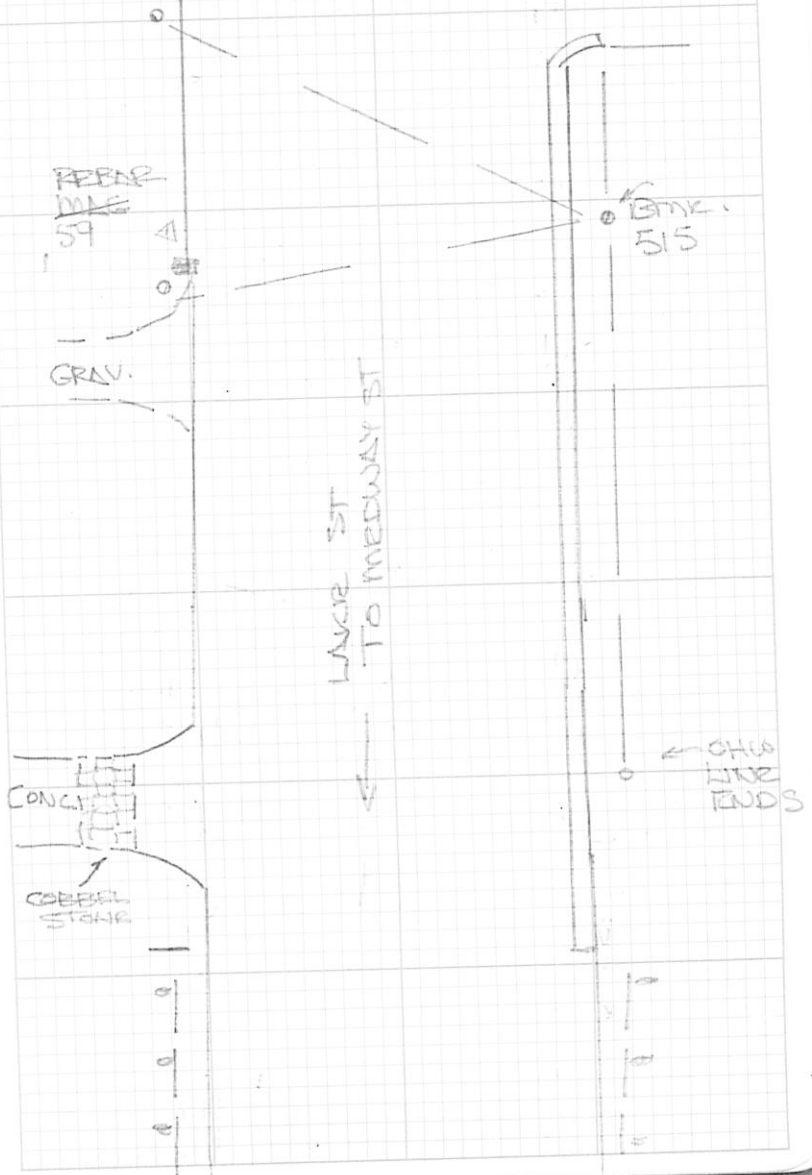
Inst. Tape Wthr & Temp Date Crew



129/676

NORFOLK

Inst. Tape Wthr & Temp Date Crew

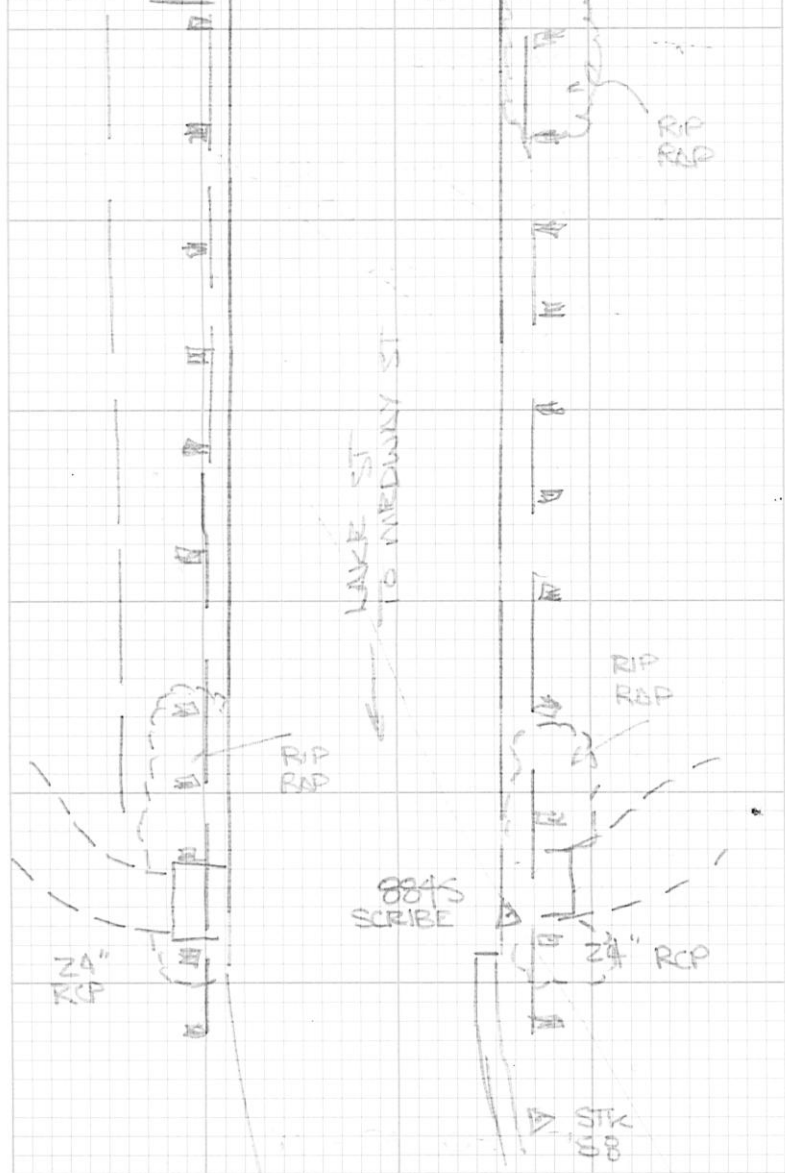


130/1676

REBAR
59

LAKE ST

Inst. Tape Wthr & Temp Date Crew



NORFOLK

131/1676

Inst. Tape Wthr & Temp Date Crew

T @ MAG 56 → ON MAG 54
(5.40) (5.10)

FSPTS 8300-8501

MFLY ON STK ST

VOID.

~~T @ MAG 54 →
(5.33)~~

SEE PG. 70-71

132/676

LAKE ST NORFOLK

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

TS-16 8167		40° CLEAR. 10/31/2022 1027-DETAIL-8167		RTF
---------------	--	----------------------------------------------	--	-----

T @ STK 58 → STK 57
(5.55) (5.10)

FS 8704 - 8844

MFLY ON STK 57

SCRIBE SET 8845 GRAIL
(2.50)

4 = 183 - 35' - 38" D = 75.47

T @ 8845 SCRIBE ^{ON} → STK 58
(2.5) (5.55)

FS 8846 - 8886

MFLY ON REBAR 59

T @ REBAR 59 ^{ON} → STK 58
(5.53) (5.10)

FS 8887 - 8999

FS 10000 - 10082

MFLY ON MAG 60

SEE PAGE 70 - 74

133/676

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

TS-16 2997		OVERCAST 56° 1027-DETAIL	11/1/2022	CP PR
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T @ MAG 63 ^{ON} → MAG 62
(5.44) (6.00)

MFLY ON 64 8131 (6.00)

FS 8131 - 8192

MFLY ON MAG 64 (6.00) 8193

SEE PAGE 120 + 121

134/676

LAKE ST NORFOLK.

Inst.	Tape	Wthr & Temp	Date	Crew
TS-16		CLEAR 58°	1/07/	PR
2997			12022	CP

FILENAME: 1027 11 02 2022

HI=5.46

K @ MAG 548 \rightarrow STK 69
(5.16)

SBDH .4 DWN FND

FS 593 (5.1) \angle 63° 07' 22" HD 49.596

FS 594 (5.1) .6 DWN MRRS FND

 \angle 322° 16' 21" HD 25.646

FS 595 (5.1) .7 DWN 7x7 SBDH FND 0.1 UP

 \angle 169° 41' 06" HD 315.316

MFLY ON STK 69 (5.16) 20000

\bar{N} (SBDH 595 HI=3.91) BS MAG 548 (5.46)

FS 596 (5.1) SBDH FND 7x7 .4 DWN

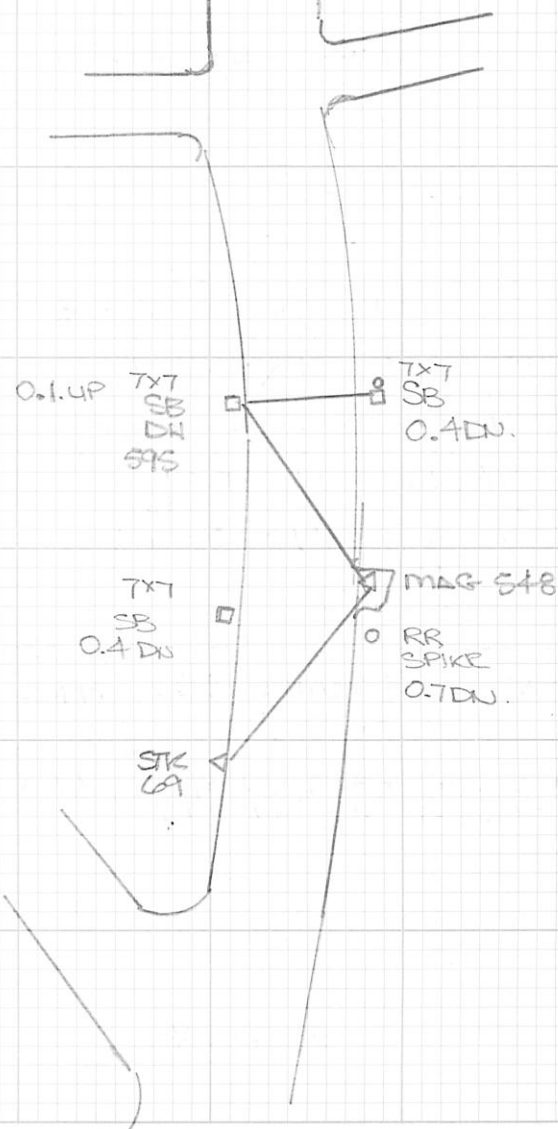
 \angle 278° 11' 54" HD 59.958

MFLY 20001 ON MAG 548 (5.46)

SEE PG 83+86+87

135/676

Inst.	Tape	Wthr & Temp	Date	Crew



136/676

LAKE ST

Inst.	Tape	Wthr & Temp	Date	Crew
TS-16		48° CLR R.	11/03/2022	
2997		FILE: 102711022022		PR CP

K @ MAG. 580 ON → MAG TT
(5.30) (5.15)

FS 597 (7.0) MRRS END FLUSH IN DRIVEWAY
← 160° 10' 46" HD 194.803 w/DIT

STK 9939 NOT FOUND STORED AS 20002

FS 598 (2.31) SBDH END 7X7 FLUSH
← 178° 06' 17" HD 189.772

~~FS 82 (5.09) SN RE SHOT FS 83 (5.09) SN~~

K @ 580 MAG ON → MAG TT
(5.30) (5.15)

FS STK 84 (5.09)
← 7° 44' 38" HD 145.370

82 & 83 SKIPPED

K @ 84 SN HI=5.09 BS 580 MAG (5.30)

FS 77 MAG (5.15) ← 168° 29' 40" HD 298.712

FS 599 (0.32) SB BACK CENTER 7X7 .9 UP END
← 65° 49' 57" HD 42.146

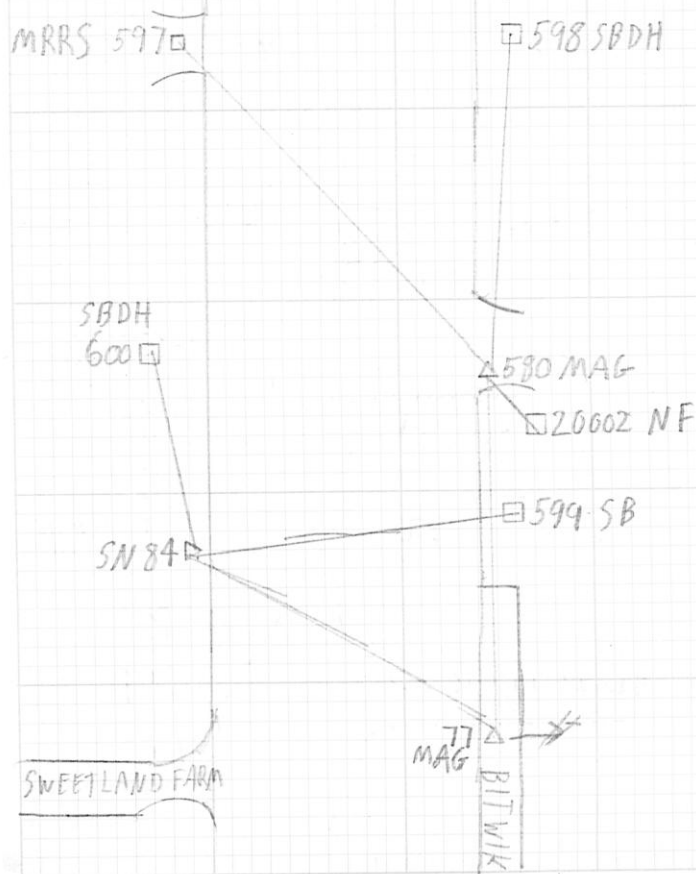
FS 600 (5.1) SBDH END 7X7 .4 DWN
← 333° 42' 39" HD 52.9836

NORFOLK.

137/676

Inst.	Tape	Wthr & Temp	Date	Crew
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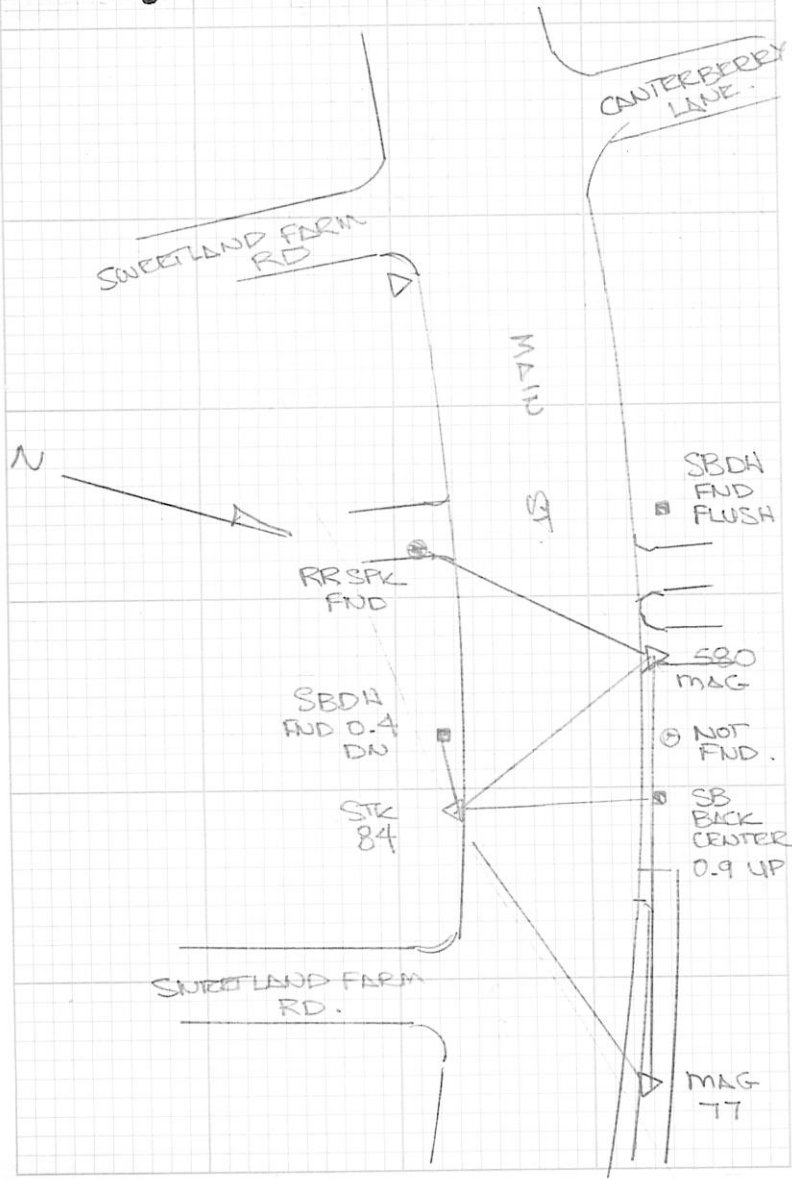
MAIN ST.



138/676

LAKE ST NORFOLK.

Inst.	Tape	Wthr & Temp	Date	Crew
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139/676

LAKE ST. NORFOLK

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

TS16 2997		SUNNY & 47°F	11/08/2022	PR CP
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FILE:102711022022

 Δ (@ MAG 74 HI=5.32 BS MAG 75 (5.70))

 FS 601 (5.4) CBLP FND DWN. 2
 \angle 111° 48' 38" HD 253.085

 FS 602 (5.4) CBLP FND FLUSH.
 \angle 98° 06' 31" HD 249.679

 FS 603 (5.4) CBLP FND DWN 2.3
 \angle 127° 08' 00" HD 102.499

 FS 604 (5.4) CBLP FND DWN .3
 \angle 91° 55' 31" HD 94.136

MFLY 20003 ON 571 CBLP (4.89)

 Δ (@ 571 CBLP HI 4.89 BS 74 MAG (5.32))

 FS 605 (5.4) CBLP FND DWN .2
 \angle 100° 29' 12" HD 60.012

 Δ (@ 75 MAG HI=5.70 BS 74 MAG (5.32))
 CALC P19953 UNDER PLANTING NF

 FS 606 (5.4) CBLP FND DWN .3
 \angle 323° 41' 38" HD 25.211

 FS 607 (5.4) CBLP FND DWN .3
 \angle 233° 21' 05" HD 29.702

~~FS 608 (5.4) CBLP FND DWN .5~~ \angle 608 & 609 *
~~FS 609 (5.4) CBLP FND DWN .5~~ \angle DON'T USE *

14/6/76

LAKE ST. NORFOLK

Inst.	Tape	Wthr & Temp	Date	Crew
CALC 9951		CBLP		CALC 9951 MF
MF BY		611 □		#11
ELECTRIC BOX		#14		#15
UNDER PINE TREE		610 □		□ 607 CBLP
BY HOUSE #11		CBLP		△ MAG 75
		CALC 9953		□ 606 CBLP
		MF		□ 571
				MFLY 20003
				CBLP
		605 □		
		CBLP		
		#22		
		74 MAG △		
		#24		
		603 □		□ 604
		CBLP		CBLP
		26#		23H
		601 □		□ 602
		CBLP		CBLP
SURREY LN				

LAKE ST. NORFOLK

14/6/76

Inst.	Tape	Wthr & Temp	Date	Crew
FS 610 (5.4)		CBLP FND DWN.5		
± 188° 23' 00"		HD 182.992		
FS 611 (5.4)		CBLP FND DWN.5		
± 189° 19' 06"		HD 213.326		
MFLY 20004 ON		74 MAG (5.32)		

142/676

LAKE ST.

Inst. Tape Wthr & Temp Date Crew

FS-16 SUNNY & F 11/09/2022 PR
2997 FILE: 1027_11_02_2022 CPA @ 76 MAG HI=5.22 BS 75 MAG (5.46)
HI=5.22 (4.96)

FS 20006 NF @ ELECTRIC POLE (5.4)

FS 612 CBLP (5.4) FND DWN .3
↖ 176° 01' 45" HD=182.433FS 613 (1.7) CBLP FND DWN .1
↖ 157° 39' 25" HD=190.366

MFLY 20007 (4.96) ON MAG 75

~~A @ 72 MAG HI=5.49 BS 554 (5)~~

A @ 554 SBDH HI=5.18 BS 72 MAG (5.49)

FS 614 (5.1) SBDH 7x7 .7 DWN FND
↖ 74° 30' 27" HD=60.033DATA COLLECTOR SAID 614 ALREADY LEARNED
STORED AS 615

143/676

NORFOLK

Inst. Tape Wthr & Temp Date Crew

↖ N

← MAIN ST. →

H8

CBLP 613 □
DWN .1□ 612 CBLP
DWN .3

CANTERBURY LN.

△ 76 MAG

□ 20006 NF

△ MAG 75

144/676

LAKE ST.

Inst. Tape Wthr & Temp Date Crew

↖ N

MAIN ST
TO WALPOLE
↑

72
MAG

BIT WALK

CANTERBERRY
LANESWEET LAND
FARMSSBDH □
554□ SBDH 615
7X7 DWN.7

145/676

LAKE ST. NORFOLK

Inst. Tape Wthr & Temp Date Crew

TS-16
2997

SUNNY 85°F 11/10/82

FILE: 11-10

FILE: 1027-11-10-22

T(A.65 MAG HI=5.23 BS66 MAG (6.0)

MFLY 11,000 ON MAG 64 (6.0)

FS 11000 - 11116

11001 - 11006 BCB1 & TC1

11007 - 11010 EPI

11011 - 11024 PELV

11025 - 11028 EP2

11029 - 11032 EP3

11033 - 11050 PELV

11051 - 11055 EP4

11056 - 11067 TC2 & BCB2

11068 - 11075 EP5

11076 - 11094 PELV

11095 - 11104 TC3 & BCB3

11105 - 11107 PELV

11108 - 11110 CL

MFLY 11116 ON MAG 64 (6.0)

SEE PG 115
OF 676 BOOK
FOR DRAWING

146/676

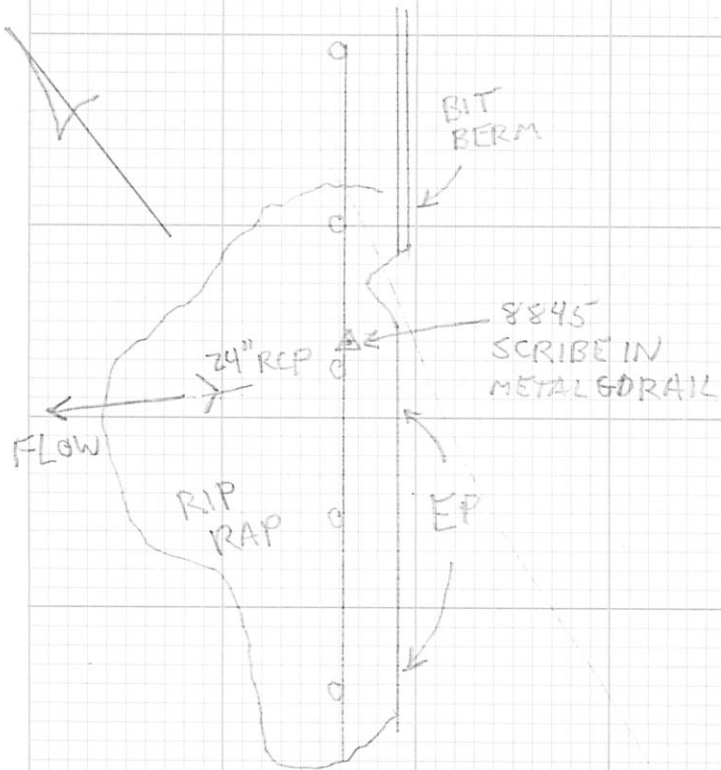
NORFOLK LAKE ST

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLEAR 30'S	11/10/2022	RTT
8167		FILE: 1027-11-10-22		

TA @ 8845 HI = 2.63 BS 58 @ 5.1

PTS 10083-10120 10120 MFLY 58

RESHOOT RIP RAP (SEE P. 130 & 132)



147/676

NORFOLK LAKE ST.

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		SUNNY 83°F	11/14/2022	PR
2997		FILE: 1027_11_02_2022		CP

~~TA @ 77 CAP REBAR HI = . BS 78 SN (4.95)~~

TA @ 78 REBAR HI = 5.28 BS 77 MAG (5.21)

FS 616 MDHL (6.0) FND DWN .7

∠ 7° 21' 31" HD = 124.916

FS 85 MAG (4.56)

∠ 178° 38' 29" HD = 212.729

TA @ 85 MAG HI = 4.58 BS 78 REBAR (5.28)

FS 617 SBDH (0.32) FND .

∠ 161° 23' 19" HD = 15.723

MTRV PT 85 SETUP TO GET SBDH 617

NEW UPL IN WAY OF SIGHTING

BETWEEN 78 TO 80

TA @ 80 SN 4.98 BS 81 (5.21)

FS 20008 (5.1) NF

FS 20009 (0.25) NF

FS 618 SBDH (5.1) FND 1.4 DWN

∠ 353° 22' 06" HD = 91.8998

MFLY 20010 (5.1) ON MAG 85

* 618 SHOT AS 518 CHANGED TO 618 [518 EXISTS ALREADY]

NORFOLK LAKE ST.

Inst. Tape Wind & Temp Date Crew

NF
20008

20009 NF

MEDWAY ST.

618 SBDH

617 SBDH

#244 85 MAG

7/8 REB

CANTERBERRY LN.

616 MDHL

77 MAG

80 MAG

N

MAIN ST.

NORFOLK LAKE ST.

Inst. Tape Wind & Temp Date Crew

TS-16
2997

SUNNY & 35°F 11/15/2022

PK
CP

FILE: 1027-11-02-22

~~TA 53 MAG HI=5.13 BS 54 MAG (5.30)~~

~~FS 619 SBDH FND FLUSH (5.4)~~

~~*~~

~~FS 620 CBDH FND 6X6 1.3 DWN (7.9)~~

~~* DON'T USE 619 & 620 *~~

TA 53 MAG HI=5.13 BS 54 MAG (5.30)

FS 621 SBDH FND FLUSH 6X6 (5.4)

* 281° 02' 36" HD=26.792

FS 622 CBDH FND 6X6 1.3 DWN (9.4) (9.4)

* 176° 10' 39" HD=221.226

FS 86 SN (5.20) * 2° 25' 16" HD=477.456

TA 86 SN HI 5.20 BS 53 MAG (5.13)

FS 54Z MAG (5.30)

* 175° 18' 29" HD=508.805

FS 623 7/8 REBAR UP. 2 (1.32)

* 6° 47' 20" HD=254.198

FS 624 7/8 REBAR UP. 2 (1.32)

* 7° 46' 51" HD=256.864

FS 625 MSTN (1.32)

* 65° 04' 07" HD=251.672

15/676

NORFOLK LAKE ST.

Inst. Tape Wthr & Temp Date Crew

MDHL 626 □

Δ 875N

LAKE ST.

NF 20011 □

Δ 54MAG

NORWAY FARMS

□ 625 MSTN

MREB 624 □

MREB 623 □

SBDH 621 □

CRESSBROOK RD

Δ 53MAG

CB DH 622 □

MEDWAY ST.

TUCKER RD

N ↗

15/676

NORFOLK LAKE ST.

Inst. Tape Wthr & Temp Date Crew

π (Δ 54 MAG HI=5.30 BS 53 MAG (5.13))

FS 20011 (5.1) NF

FS 626 MDHL (5.4) IN STONE WALL

K 146° 39' 39" HD=72.878

FS 875N (5.1)

K 177° 16' 45" HD=279.300

152/676

LAKE ST NORFOLK

Inst. Tape Wthr & Temp Date Crew

T516 CLOUDY 40'S 11/30/2022 RTF
 2997 FILE: 1027-11-30-22

TC 58 HI=5.61 BS 57 @ 5.10 WFL
 STK PT 9737 STORE PT 20012 NF
 9738 20013 NF
 9739 20014 NF
 9736 20015 NF
 9735 20016 NF

STONEWALL LOCATION 10121-10129

MFLY 57 = 10130 @ 5.10

TC 54 HI=4.98 BS 55 @ 5.10
 STK 9740 STORE 20017 NF
 9742 REBAR FND
 FS 627 1/2" REBAR UP ON
 HZ 5555-12 DIST

STK 9741 STORE 20018 NF
 9743 20019 NF
 20020 MFLY 56 @ 5.40

153/676

LAKE ST NORFOLK

Inst. Tape Wthr & Temp Date Crew

T516 CLEAR 30'S 12/2/2022 RTF
 2997 FILE: 1027-11-30-22 CP
 PR

TC 59 HI=5.30 BS 60 @ 5.35
 STK PT 9734 STORE PT 20021 NF
 9733 20022 NF
 20023 MFLY 60

TC 61 HI=5.25 BS 60 @ 5.35
 STK PT 9732 STORE PT 20023 4
 9731 20024 5
 9730 20025 6
 STK FND 9729 20027
 20028 MFLY 60

TC 62 HI=4.99 BS 61 @ 5.25
 9727 DH FND SHOT AS 628
 FS 628 @ 5.4 HZ 53-37-11 DIST 23.856'
 FS 88 @ 5.4 SN SET
 HZ 81-40-11 DIST 328.735
 FS 829 @ 5.4 HZ 81-40-11 DH FND SN SET @ 5.40
 89 H.O.
 HZ 8234-18-04 DIST 279.622
 9725 - 20029 NF 9723 - 20030 NF
 20031 MFLY 61

154/676

NORFOLK

Inst. Tape Wthr & Temp Date Crew

T316 CLEAR 40'S 12/15/2022 RIF
2997 CP
PR

T@59 HI=4.91 BSGZ@5.13

FS635@10.6 DH FND

HZ#92.29.30 DIST 123.357

FS636@5.1 DH FND

HZ#171.93.19 DIST 119.007

FS90@6.13 SN SET

HZ#152.13.19 DIST 177.904

T@90 HI=5.19 BSGZ@6.0

FS637@5.40 (SN 15-667/31)

HZ#211.58.28 DIST 12.981

FS638@1.31 DH FND

HZ#148.30.35 DIST 214.841

T@88 HI=4.87 BSGZ@5.13

FS639@5.40 DH FND

HZ#103.09.04 DIST 91.680

FS640@5.10 DH FND

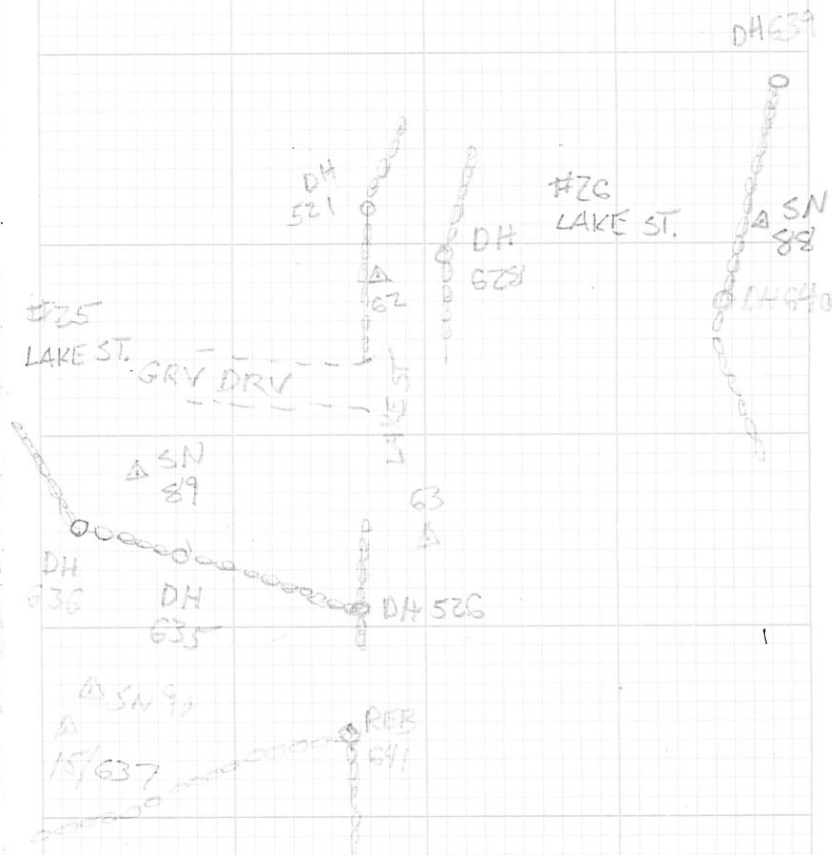
HZ#283.22.14 DIST 64.674

155/676

LAKE ST

Inst. Tape Wthr & Temp Date Crew

FILE: 1027-11-30-22



156/676

SURREY LN NORFOLK

Inst.	Tape	Wthr & Temp	Date	Crew
T316		CLEAR 30'S	12/5/2022	RTF
2997	FILE:1027-11-30-22			CP PR

TE 569 (P.91) HI=5.34 BS 73 @ 5.40

FS 630 @ 1.31 SBDM VP 1.0

HZ 8 308.54.40 DIST 76.617

FS 631 @ 5.40 CBDM FLUSH

HZ 8 222.20.31 DIST 35.735

FS 632 @ 12.2 CBDM FLUSH

HZ 8 150.01.23 DIST 73.611

FS 633 @ 5.4 CBDM VP 0.3

HZ 8 104.51.57 DIST 58.299

FS 634 @ 5.4 CBDM FLUSH IN DW

HZ 8 143.29.29 DIST 56.053

TE 63 HI=5.14 BS 62 @ 5.13

FS 641 @ 7.0 1/2" REBAR FND

HZ 8 196.32.53 DIST 132.197

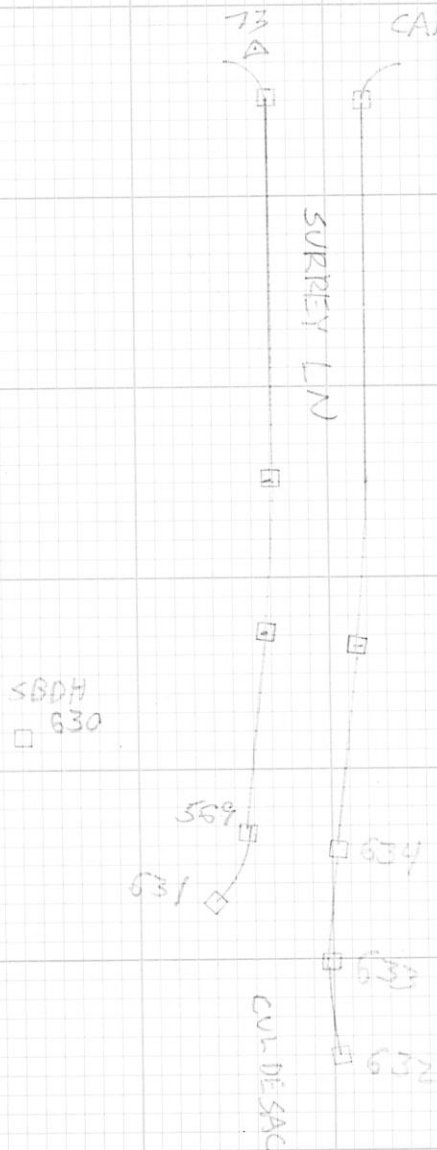
FS 642 @ 6.0 DM FND

HZ 8 121.58.18 DIST 238.257

157/676

Inst.	Tape	Wthr & Temp	Date	Crew

CANTERBERRY LN



158/676

LAKE ST

Inst. Tape Wtur & Temp Date Crew

FSIG 2997 CLOUDY 4.5 12/8/2022 RTE
 FILE: 1027-11-30-ZZ CP
 PR

A@64 H1=5.22 BS65@5.27

STK PT 9749 STORE PT 20032

9750 20033

20023 20034

DUPLICATE 9751 20035

PRINT 9752 20036

9753 20037

9754 20038

9755 20039

9756 DH FND SHOT AS 643

FS 643 @ 5.1 DH FND

HZ 204.54.34 DIST 65.753

9754 20039

181 20040

9716 20041

FS 91 @ 5.14 SN SET

HZ 265.51.16 DIST 254.874

A@91 H1=5.14 BS64@5.22

FS 644 @ 5.19 CNO CBDH UP 0.6'

HZ 292.25.53 DIST 115.435

645 @ 0.31 3/8 REBAR #67.8726/MSI 55.095

646 @ 0.31 " " #69.4235 DIST 54.928

159/676

NORFOLK

Inst. Tape Wtur & Temp Date Crew

A@65 H1=5.27 BS 64 @ 5.22

FS 647 @ 2.31 DH FND

HZ 275.47.04 DIST

FS 92 @ 5.10 SN SET

HZ 287.57.40 DIST 329.442

STK PT 9710 STORE PT 20042

9708 20043

FS 93 @ 5.10 MN SET

HZ 195.08.28 DIST 198.580

DH

647

Δ SN 94

Δ SN 92

○ DH 648

HSE

#15

MN 64

MN 93

A

MN 65

A

DH

643

BIT UP

HSE

#10

HSE

#15

645 &

646

○ REB

A SN 92

CBDH

644

160/676

LAKE ST NORFOLK

Inst.	Tape	Wthr & Temp	Date	Crew
TS16		CLEAR 50'S	12/8/2022	PT
2997		FILE:1027-11-30-22		CP
				PR

$\pi @ 92 HI = 5.19$ BS 65 @ 5.44

FS 94 @ 4.91 SN SET

HZ & 252.12.04 DIST 93.933

$\pi @ 94 HI = 4.91$ BS 92 @ 5.19

FS 648 @ 5.40 DH FND

HZ & 321.23.35 DIST 22.017

FS 649 @ 5.10 4x4 CBDA UP 0.31

HZ & 113.28.52 DIST 119.221

$\pi @ 93 HI = 4.89$ BS 65 @ 5.44

FS 650 @ 6.9 DH FND

HZ & 74.41.31 DIST 134.075

STK PT 9707 STORE PT 20044

9706 20045

$\pi @ 66 HI = 5.24$ BS 67 @ 5.23

STK PT 9705 STORE PT 20046

FS 651 @ 5.10 DH FND

HZ & 318.03.22 DIST 115.025

~~9705~~ 9702 20047

*CONTINUED IN 571/112

INDEX OF CURVE AND REDUCTION TABLES

Table I—SLOPE STAKE

Table II—STADIA CORRECTION AND HORIZONTAL DISTANCES

Table III—TRIGONOMETRIC FORMULAE

Table IV—NATURAL TRIGONOMETRICAL FUNCTIONS

CURVE FORMULAE

Table V—TANGENTS AND EXTERNALS TO A 1° CURVE

USEFUL RELATIONS

Table VI—INCHES TO DECIMALS OF A FOOT

Table VII—MINUTES IN DECIMALS OF A DEGREE

Table VIII—MIDDLE ORDINATES OF RAILS

Table IX—SHORT RADIUS CURVES

Table X—RODS IN FEET, 10THS AND 100THS OF FEET

Table XI—LINKS IN FEET, 10THS AND 100THS OF FEET