

484

TRIPLE DYNIE

410

CROSS ACTION LOOK

F.B. 484

Property of NORFOLK County

ENG. DEPT.

Address REGISTRY DEEDS BLD

649 HIGH ST. DEDHAM

Telephone 617-461-6129

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

INDEX

FRANKLIN - WRENTHAM Tourist Line

Inst.

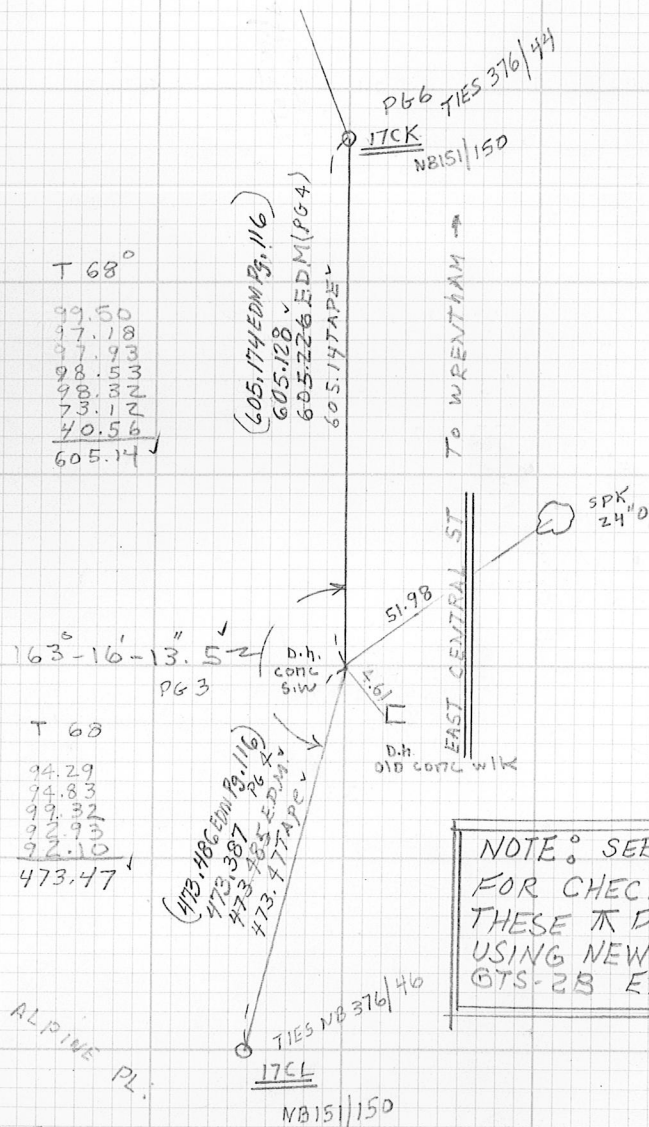
Tape

Wthr & Temp.

Date

Crew

484/1

Inst. Theo Tape Wthr & Temp. Date Crew
484


NOTE: SEE Pg 116
FOR CHECK OF
THESE π DISTANCES
USING NEW TOPCON
GTS-2B EDM

NOTE:
ALL EDM DISTANCES PGS. 2-78 HAVE BEEN ADJUSTED
TO COMPENSATE FOR INCORRECT OFFSET SETTING
ON LASER DURING THE MEASUREMENTS.

Inst. Theo Tape Wthr & Temp. Date Crew
cloudy 68 JUL 86 PRISCO
LEONE
CAREW
KELLY

ANGLE	17CL	D.H.	17CK
17CL	D 0°-00-09"	18"	
	R 180-00-27"		13.5"
17CK	D 163-16-26"	31.5"	
	R 343-16-37"		
17CL	R 45-00-20"	13"	
	D 225-00-06"		12.5"
17CK	R 208-16-34"	25.5"	
	D 28°-16-17"		
17CL	D 90°-00-32"	42"	
	R 270-00-52"		16"
17CK	D 253-16-54"	58"	
	R 73-17-02"		
17CL	R 135-00-41"	38.5"	
	D 315-00-36"		12"
17CK	R 298°-16-53"	50.5"	
	D 118°-16-48"		

PG2
ANGLE C 163-16-13.5"

13.5
12.5
16.
12
13.5

INSTRUMENT OFFSET = +140 MM
- PRISM OFFSET = - 30
COMBINED OFFSET = +110 MM
CORRECTION FOR π CTR = 0.098"

4 FRANKLIN - WRENTHAM TOWN LINE

Inst. 484 Tape Wthr & Temp. Date Crew
PRISCO
LEONE
CAREW
Lebeau

RANGER @ D.H.S.W PG 2 REFLECTOR @ DISK 17CK PG 2

BAR 30.00

T^{PS} 56

P.P.M + 23

SEE

OFFSET 6140 NOTE PG. 2

W/FILTCY

VA. 92.03.56

257.56.06

360.00.02 ✓

USE 92.03.54

FEET

METERS

605.59

184.604

.60

.597

.59

.603

.60

.600

605.60

184.598

605.596 ✓

184.600 X 3.2808333 =

605.642 ✓

605.596 ✓

605.619 X 92.03.54 =

605.226 (PG 2)

605.128

RANGER @ D.H.S.W. (PG 2) REFLECTOR @ DISK 17CK (PG 2)

DATA SAME AS ABOVE

FEET

METERS

473.49

144.322

.47

.318

.47

.310

.49

.321

473.48

144.319

473.480 ✓

144.320 X 3.2808333 = 473.490 ✓

473.480

473.490 ✓

Sine

473.485 X 89-58.30 = 473.485 PG 2

473.387

VCTR

EAST CENTRAL ST

Inst. Tape Wthr & Temp. Date Crew

36

6/ FRANKLIN - WRENTHAM TOWN LINE

Inst. Tape Wthr & Temp. Date Crew

1484

FW-3A
To FW-4
SEE
PG 10ED.M PG 8+9
2487.495V

3487.397

EAST CENTRAL ST

PG 7
167°-47'-10.6" ✓17CK
PG 2(605.17 EDM 39.16)
605.122V PG 4
605.226 EDM
605.14 TAPE

✓ CTR

7 52

EAST CENTRAL STREET

Inst. Theo Tape Wthr & Temp. Date Crew

Sunny 68°

JULY 86

Crew
PRISCO
LEONE
CARLW
KELLYPG 2
D.HANGLE
17CK

F.W. 34

D.H D 0-00-09" ✓
R 180-00-14 11.5 ✓

12"

F.W. + D 167-47-22
3A R 347-47-25 23.5 ✓D.H R 45-00-21" ✓
D 225-00-09 15" ✓

10"

F.W. + R 212-47-25" ✓
3A D 32-47-25 25" ✓D.H D 90°-00-28" ✓
R 270-00-36 32" ✓

.09"

F.W. X D 257-47-33" ✓
3A R 77-47-49 41" ✓D.H R 135-00-39" ✓
D 315-00-27" 33" ✓

11.5

F.W. + R 302-47-52 44.5 ✓
3A D 122-47-37" ✓PG 6 3A
ANGLE D.H - 17CK - F.W. +

= 167°-47'-10.6" ✓

12
10
09
11.5
4 | 42.5
10.6

✓ CTR

8/484

Inst. Tape Wthr & Temp. Date Crew

RANGER ON DISK 17CK REFLECTOR @ SPK F.W. 34 PG 10TEMP. 58°
BAR. 29.90
P.P.M. +25OFFSET +140 SEE NOTE Pg. 2.

N/FILTER

FEET	METERS
3487.50	1062.999
.50	.995
.55	1063.006
.53	1063.006
.53	.011
.53	1062.994
.54	1063.009
.53	.005
3487.55	.005
3487.529✓	1063.004
	1063.003✓

1063.003 X 3.2808333 =

3487.529✓	3487.536✓
3487.536✓	
3487.532 X	90°-14-48 = 3487.500✓

3487.402

✓ CTR

9

Inst. Tape Wthr & Temp. Date Crew

RANGER @ SPK F.W. 3B PG 14 REFLECTOR @ DISK 17CK PG 2TEMP 54°
BAR. 29.60
P.P.M. +26
OFFSET +140 SEE NOTE Pg. 2
N/FILTER

FEET	METERS
3487.52	1062.998
.52	1062.995
.49	1063.000
.53	1062.997
.49	1063.000
.52	1062.998
.50	1062.993
.53	1063.001
.50	1063.007
3487.52	1063.007
3487.512✓	1063.000 X 3.2808333 =

3487.526	
3487.524	
3487.512	491
3487.518	3487.495
.519	3487.393

3487.500
3487.491
3487.495 Ave.

-0.098
3487.397

SEE Pg. 117 F.W. 34 TO 17CK = 3487.412

FROM ABOVE = 3487.495
+ 0.098 + 30MM
3487.397 +

✓ CTR

$$\begin{array}{r} 50.5 \\ 48'' \\ 47.5 \\ 46 \\ \hline 48.00 \end{array}$$

12/ FRANKLIN - WRENTHAM

Inst. Tape Wthr & Temp. Date Crew

1484

PG 14

3A

RANGER @ SPK FW 2 REFLECTOR @ SPK FW 2 PG 10

3B

TEMP 50°F

BAR 29.65

RPM +24

OFFSET 140 SEE NOTE Pg. 2

W/O FILTER

VA = 90-58-55

259-01-12

360-00-07

USE 90-58-51

FEET

METERS

1633.99

498.049

.97

.051

.96

.047

.99

.049

1634.01

.046

.01

.051

.00

.041

1633.99

.044

1634.01

.045

1633.99

498.048

1633.992

498.047

1634.009

1633.992

1634.009

1634.001

498.047

1633.762 (PG 10)

1633.664

RANGER @ SPK FW 2 PG 10 REFLECTOR @ SPK FW 2 PG 14

3B

TEMP 54

BAR 29.60

RPM +26

OFFSET 140 SEE NOTE Pg. 2

N/F

88-59-25 USE

271-00-35

360-00-00

FEET

METERS

1634.03

498.050

1634.01

.054

1633.99

.054

1634.00

.054

1633.99

.051

1634.02

.055

1634.01

.053

1633.99

.051

1633.99

498.050

1633.99

498.053

1634.029

1634.002

1634.029

1634.015

88-59-25

1633.762

.761

1633.663

✓ CTR

TOWN

LINE

13

Inst. Tape

Wthr & Temp.

Date

Crew

cloudy

50+

OCT 86

PRISCO

LEONE

CAREW

Lebedu

3B

RANGER @ SPK FW 2 (PG 14) REFLECTOR @ SPK FW 2 PG 18

VA

92-03-19

3C

267-56-41

360-00-59

00

TEMP 50

BAR 29.65

RPM +24

OFFSET 140 SEE NOTE Pg. 2

W/FILTER

FEET

METERS

1015.77

309.599

.74

.600

.75

.602

.74

.605

.71

.602

.75

.605

.74

.601

.73

.596

1015.74

.602

1015.741

309.602

1015.749

309.601

1015.745

1015.745 X 92-03-19

1015.749

simp

1015.092 (PG 14)

RANGER @ SPK FW 2 PG 18 REFLECTOR @ SPK FW 2 PG 14

3B

TEMP 54

BAR 29.60

RPM +26

OFFSET 140

W/FILTER

SEE NOTE Pg. 2

87-53-35 USE

272-06-22

359-59-57

FEET

METERS

1015.79

309.619

.78

.619

.78

.618

.70

.618

.77

.614

.79

.619

.77

.621

.79

.616

.79

.619

1015.80

309.624

1015.786

309.619

1015.808

1015.786

1015.808

1015.797

87-53-35

1015.110 (PG 14)

1015.092

1015.110

2030.202

1015.003

1015.101 Ave.

✓ CTR

Crew

JULY 86

✓ CTR

16/ FRANKLIN-WRENTHAM TOWN LINE
 Inst. Tape Wthr & Temp. Date Crew
 484

EAST CENTRAL ST
 Inst. Tape Wthr & Temp. Date Crew
 SUNNY 83° JULY 86 PRISCO 17

(PG 18)
 ANGLE F.W. 2 ^{3B} - FW 3C - FW 4

F.W. 2	D	0°-00'-12"	12.5 ✓	
^{3B}	R	180°-00'-13"		54" ✓
F.W. 4	D	167°-48'-06"	06.5 ✓	
	R	347°-48'-07"		
F.W. 2	R	45°-00'-18"	16" ✓	
^{3B}	D	225°-00'-14"		54.5" ✓
FW. 4	R	212°-48'-14"	10.5 ✓	
	D	32°-48'-07"		
F.W. 2	D	90°-00'-31"	31 ✓	
^{3B}	R	270°-00'-31"		52.5 ✓
	D	257°-48'-18"	23.5 ✓	
FW. 4	R	77°-48'-29"		
F.W. 2	R	135°-00'-38"	35" ✓	
^{3B}	D	315°-00'-32"		50.5 ✓
FW. 4	R	302°-48'-28"	25.5 ✓	
	D	122°-48'-23"		

ANGLE F.W. 2 ^{3B} - FW. 3C - FW. 4
163°-47'-52.9" (PG 18)

54
 54.5
 52.5
 50.5
 52.9 ✓

✓ CTR

18 FRANKLIN - WRENTHAM TOWN LINE

Inst. Tape Wthr & Temp. Date Crew

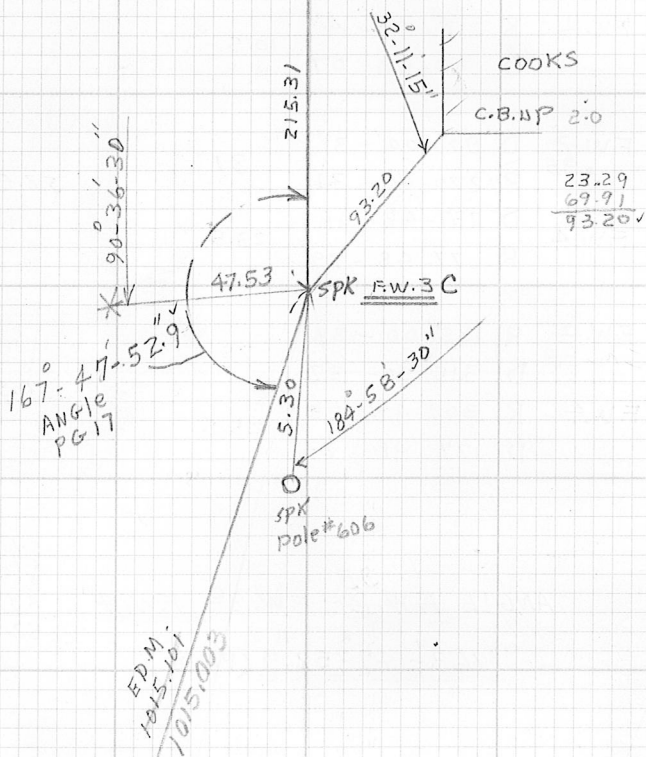
484

T 83°

98.64
98.18
71.35
59.05
327.22✓
03
327.25✓

ENV # 754
CALC. BK # 1

PG 51



EAST CENTRAL
Inst. Theo Tape VI Wthr & Temp.

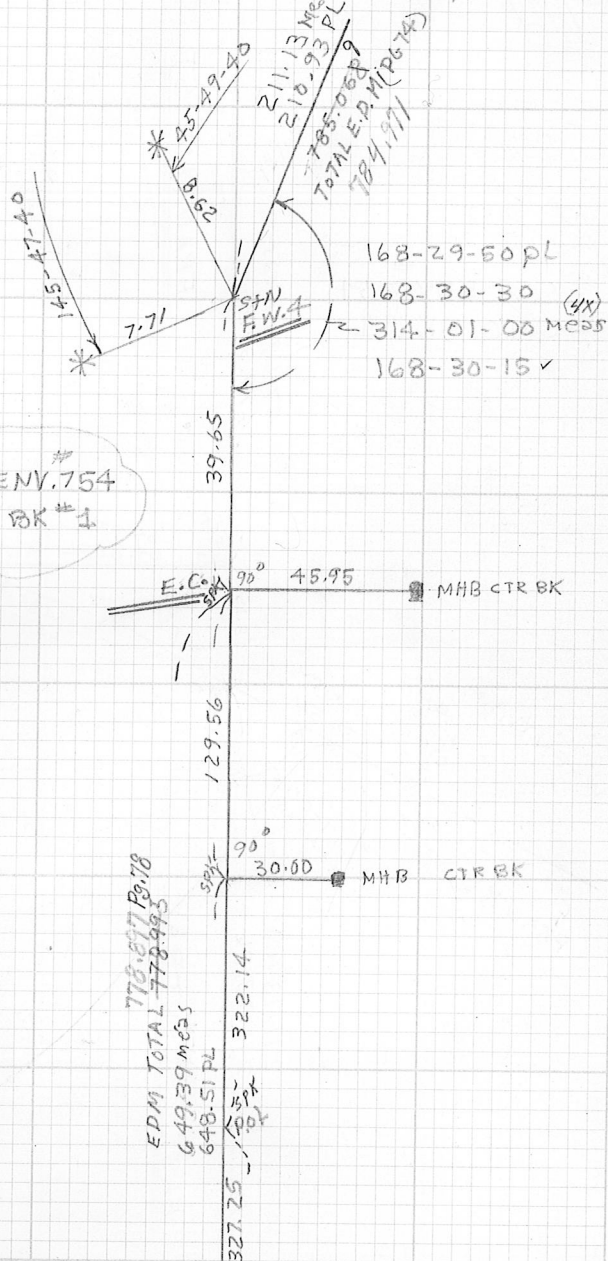
SUNNY 830

Date JULY 86 Crew PRISCO

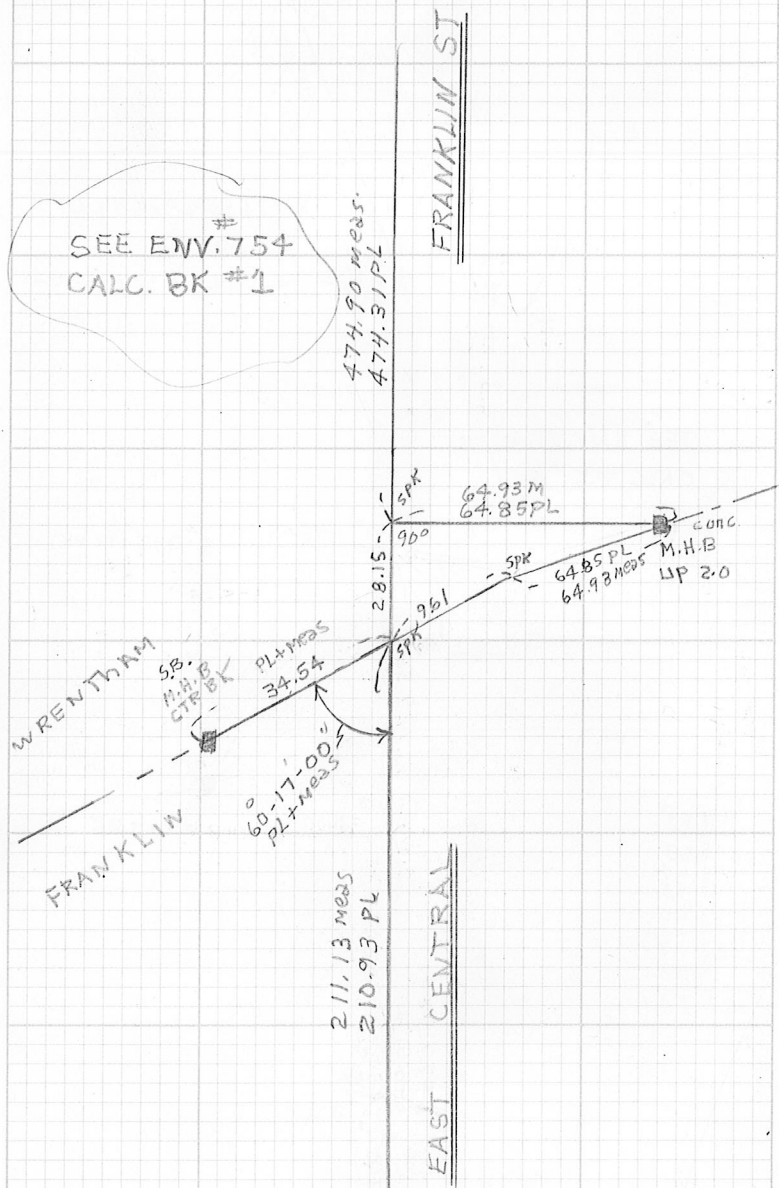
19

SEE ENV # 754
CALC BK # 1

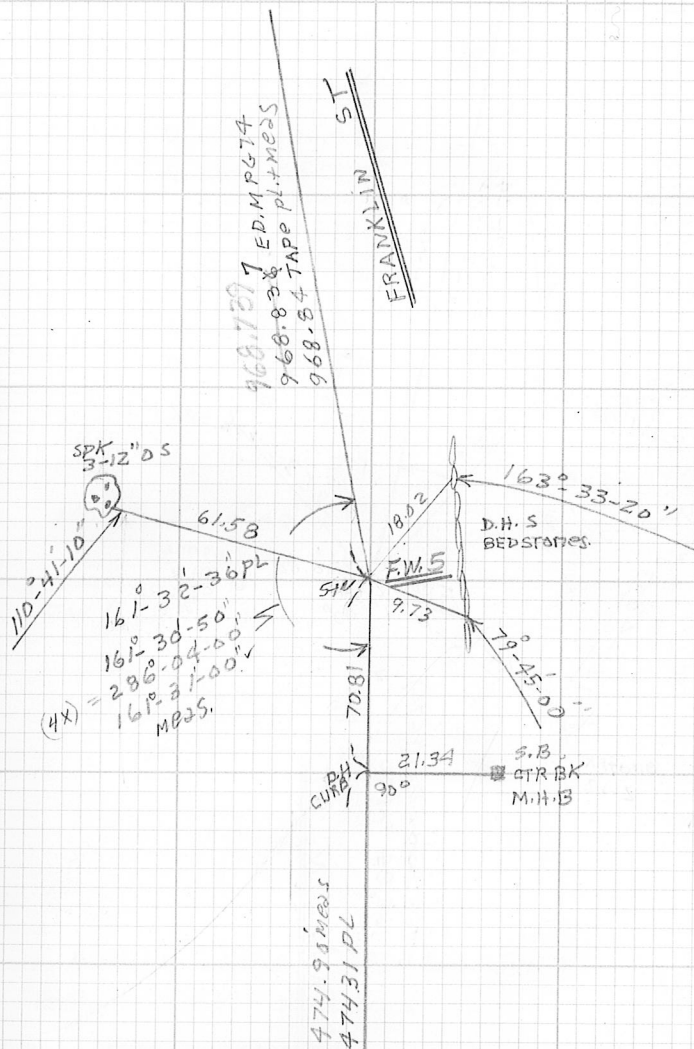
T 53°
95.58
95.64
91.95
33.00
322.17✓
03
322.14✓



20/ FRANKLIN - WRENTHAM TOWN
 Inst. Tape Wthr & Temp. Date Crew
 1484

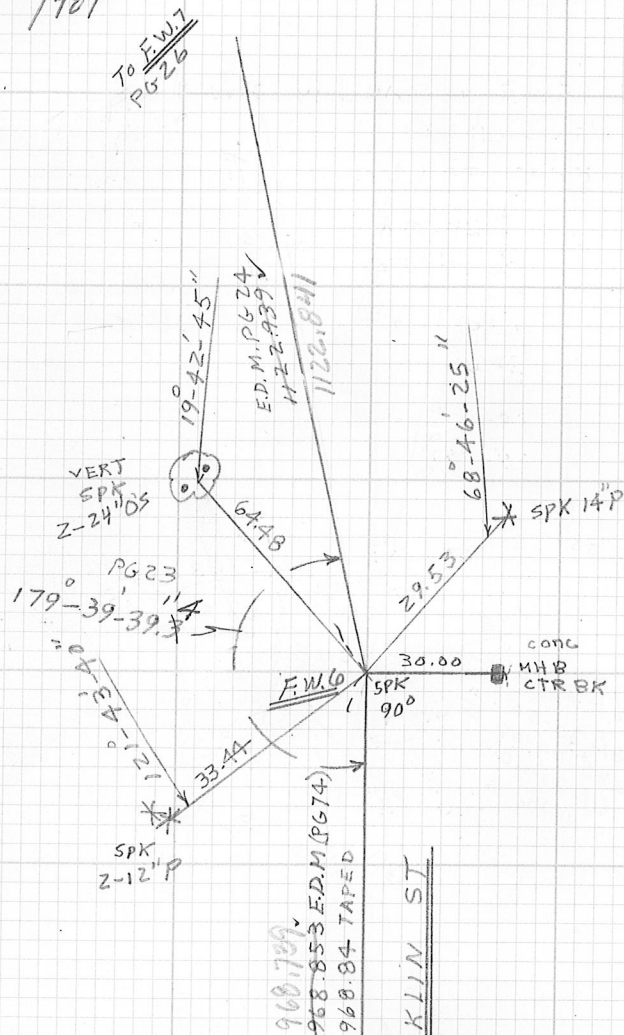


LINE EAST CENTRAL STREET 21
 Inst. Tape Wthr & Temp. Date Crew
 SUNNY 83 JUL 7 86 PRISCO



22/ FRANKLIN - WRENTHAM TOWN LINE
Inst. Tape Wthr & Temp. Date Crew

1/484



FRANKLIN STREET WRENTHAM 23
Inst. Tape Wthr & Temp. Date Crew
Theo 75° JULY 86 PRISCO LEAVE CAREW KELLY

ANGLE F.W.5 - F.W.6 - F.W.7

F.W.5	D	0°-00'-11"	14' ✓	36.5' ✓
	R	180-00-17		
F.W.7	D	179-39-48"	50.5' ✓	
	R	359-39-53"		
F.W.5	R	45°-00'-19"	12.5' ✓	38.5' ✓
	D	225-00-06		
F.W.7	R	224-39-55	51' ✓	
	D	44-39-47		
F.W.5	D	90-00-28	31.5' ✓	41" ✓
	R	270-00-35		
F.W.7	D	269-40-09"	12.5' ✓	
	R	89-40-16"		
F.W.5	R	135°-00'-39"	35' ✓	41.5'
	D	315-00-31		
F.W.7	R	314-40-21"	16.5' ✓	
	D	134-40-12		

ANGLE F.W.5 - F.W.6 - F.W.7

PG22	179-39'-39.3"	4"	36.5
			38.5
			41
			41.5
			39.3
			39.4

VCTR

24/ FRANKLIN - WRENTHAM
Inst. Tape Wthr & Temp. Date Crew

484

RANGER @ SPK F.W. 6 PG 22 REFLECTOR @ STN F.W. 7 PG 26

TEMP 58°
BAR 29.78
P.P.M. +27
OFFSET 140

SEE NOTE Pg. 2

VA 91-06-07 use
268-53-51
359-59-58

91-06-08 USE

W/FILTER

FEET	METERS
1123.15	342.343
.16	.339
.16	.336
.13	.340
.15	.336
.16	.336
.13	.338
.15	.338
.16	.337
1123.16	342.333
1123.151	342.338

4

328 = 1123.153

1123.153

1123.151 sine 08
1123.152 X 91-06-57 = 1122.944

RANGER @ STN F.W. 7 PG 26 REFLECTOR @ SPK F.W. 6 PG 22

SAME DATA
AS ABOVE

VA 88-51-27 use
271-08-30
359-59-57

88-51-29 USE

FEET	METERS
1123.15	342.342
.17	.338
.13	.343
.17	.341
.15	.344
.14	.343
.13	.334
.13	.342
.15	.345
1123.16	342.346
1123.148	342.341

342.341 X 3.28 = 1123.164

1123.148
1123.164

1123.156 X 88-51-29 = 1122.933

1122.944
1122.933

1122.939 AVE

1122.841

VCTR

Town Inst. Tape Wthr & Temp.

LINE

Date Oct 86

Crew PRISCO
LEONE
CAREW
Lebeson

25

RANGER @ STN F.W. 7 PG 26 REFLECTOR @ SPK F.W. 8 PG 30

VA 90-17-35 use

DATA SAME AS PG (24)

269-42-26
360-00-01

FEET METERS

1339.34	408.238
.34	.235
.33	.232
.31	.235
.34	.240
.33	.238
.33	.234
.35	.233
.34	.236
1339.33	408.234
1339.332	408.235

1339.332

1339.351

1339.341 X 90° 17-35' = 1339.324

RANGER @ SPK F.W. 8 PG 26 REFLECTOR @ STN F.W. 7 PG 26

SAME DATA
AS PG 24

VA 89° 41-56" use
270-18-05
360-00-01

FEET METERS

1339.35	408.245
.35	.242
.34	.246
.35	.248
.35	.249
.36	.248
.35	.250
.34	.241
.37	.244
1339.36	408.245
1339.352	408.245

1339.352

1339.384

1339.368 X 89° 41-56" = 1339.349

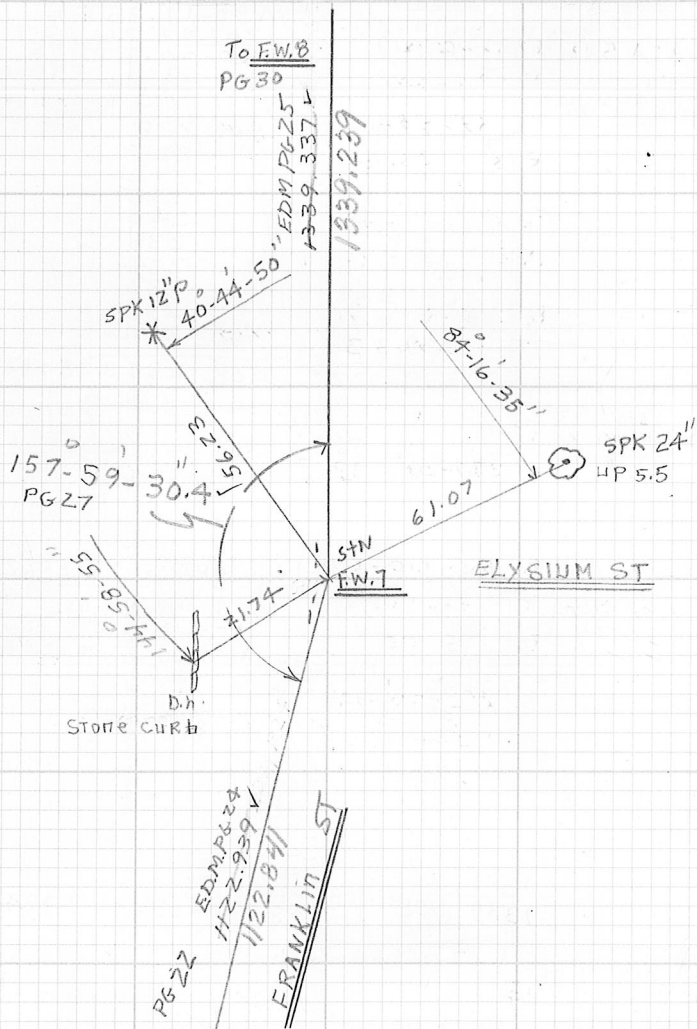
1339.324
1339.349

1339.337 AVE

1339.239

VCTR

26/ FRANKLIN - WRENTHAM TOWN LINE
 Inst. Tape Wthr & Temp. Date Crew
 484



27/ FRANKLIN ST WRENTHAM
 Inst. Theo Tape Wthr & Temp. Date Crew
 SUNNY 82 JULY 86 PRISCO LEONE CAREW KELLY

ANGLE F.W.6 - F.W.7 - F.W.8

F.W.6	D 0°-00'-09"	13"	
	R 180-00-17		31" ✓
F.W.8	D 157°-59'-38"	44" ✓	
	R 337-59-50		
F.W.6	R 45°-00'-19"	14.5" ✓	
	D 225°-00'-10"		27" ✓
F.W.8	R 202°-59'-46"	41.5" ✓	
	D 22°-59'-37"		
F.W.6	D 90°-00'-29"	31" ✓	
	R 270°-00'-33"		31.5" ✓
F.W.8	D 240°-00'-01"	02.5" ✓	
	R 60°-00'-04"		
F.W.6	R 135°-00'-41"	38.5" ✓	
	D 315°-00'-36"		32" ✓
F.W.8	R 293°-00'-12"	10.5" ✓	
	D 113°-00'-09"		

PG26
 ANGLE F.W.6 - F.W.7 - F.W.8
157°-59'-30.4" ✓

31
 27
 31.5
 32
 30.4 ✓

✓ CTR

28/484

Inst. Tape Wthr & Temp. Date Crew

RANGER @ SPK F.W. 8 PG 30 REFLECTOR @ STN F.W. 9 PG 34

TEMP 58
BAR 29.70
PPM +27
OFFSET (140)
w/Filter

SEE NOTE Pg. 2

FEET
1408.33
.34
.33
.34
.33
.35
.35
.35
.35
1408.33

1408.336

VA 89-27-16
270-32-44
360-00-00

METERS

429.268
.272
.274
.266
.267
.270
.271
.272
.274
429.268

429.270 X 3.28 = 1408.363

1408.336

1408.363

1408.350 X 89-27-16" = 1408.286

RANGER @ STN F.W. 9 PG 34 REFLECTOR @ SPK F.W. 8 PG 30

TEMP 61°
BAR 29.75
PPM +29
OFFSET (140)
w/Filter

FEET

1408.35
.37
.36
.38
.38
.38
.36
.37
.37
1408.38

1408.368

METERS

429.276
.272
.272
.276
.270
.273
.276
.275
.271
429.273

429.273 X 3.28 = 1408.373

1408.368

1408.373

1408.371 X 90°-34-00" = 1408.302

1408.286
1408.302

1408.294 AVE.

1408.196

✓ CTR

29

Inst. Tape Wthr & Temp. Date Crew

RANGER @ STN F.W. 9 PG 34 REFLECTOR @ D.H. F.W. 10 PG 38

T 61°
BAR 29.75
PPM +29
OFFSET (140)
w/Filter

SEE NOTE Pg. 2

FEET

510.09
.10
.10
.11
.11
.12
.10
.11
.12
510.11

510.107

METERS

153.490
.488
.487
.488
.491
.484
.487
.489
.486
155.481

155.487 X 3.28 = 510.127

510.107

510.127

510.117 X 86°-51-00" = 509.346 (Pg 29)

RANGER @ D.H. F.W. 10 (Pg 38) REFLECTOR @ STN F.W. 9 PG 34

TEMP 62
BAR 29.70
PPM +30
OFFSET (140)
w/Filter

FEET

510.10
.09
.12
.11
.10
.10
.09
.10
.10
510.11

510.102

METERS

155.485
.488
.488
.486
.484
.482
.487
.483
.486
165.485

155.485 X 3.28 = 510.120

510.102

510.120

510.111 X 93-10-15" = 509.338

509.346
509.330

509.338 AVE.

509.240

✓ CTR

30/ FRANKLIN - WRENTHAM TOWN LINE
Inst. Theo Tape Wthr & Temp. Date Crew

484

To F.W. 9
PG 34

HSE
#668

GAR

ES9 PM
C.B. GAR.
HP 3.8

D.H.
BOULDER

FRANKLIN ST

ED.M. PG 28
1408.294

ED.M. PG 25
1339.337

1339.239

PG 26

RR.SP.K
F.W. 8

SPK
14" HICKORY

FRANKLIN ST. WRENTHAM
Inst. Theo Tape Wthr & Temp. Date Crew

SUNNY 820

JULY 86

Crew

PRISCO
LEONE
CAREW
KELLY

31

ANGLE FW 9 - FW 8 - FW 7

FW. 9 D 0°-00'-09 07" ✓
R 180°-00'-05 17.5" ✓
FW. 7 D 169°-08'-23 24.5" ✓
R 349°-08'-26

FW. 9 R 45°-00'-19" 15.5" ✓
D 225°-00'-12" 15" ✓

FW. 7 R 214°-08'-30" 30.5" ✓
D 34°-08'-31"

FW. 9 D 90°-00'-28" 28" ✓
R 270°-00'-28 17.5" ✓

FW. 7 D 259°-08'-44 45.5" ✓
R 79°-08'-47

FW. 9 R 135°-00'-39" 39" ✓
D 315°-00'-39 16" ✓

FW. 7 R 304°-08'-56 55" ✓
D 124°-08'-54

17.5
15
17.5
16
16.50 ✓

ANGLE FW 9 - FW 8 - FW 7

169°-08'-16.5" ✓
(PG 30)

✓ CTR

32/434

Inst.

Tape

Wthr & Temp.

Date

Crew

33

Inst.

Tape

Wthr & Temp.

Date

Crew

34/ FRANKLIN - WRENTHAM TOWN LINE

Inst. 484 Tape

Wthr & Temp.

Date

Crew

To F.W. 10
PG 38

FRANKLIN ST

CREEK ST

T48°
93.27
90.03
83.22
88.04
90.28
64.54
509.38 ✓
07
509.31 ✓

509.31 TAPE

509.38 EDM PG 29

509.240

SPK
14" 0

51'-12"-20"

159'-05'-55.6"
PG 35

47.41

SPK
12" SPR.

SPK 16" 0

SPK
FW 9

867

134'-30"-25"

PG 30 1408.294 EDM PG 28
1408.196FRANKLIN ST
Inst. Theo TapeWretham
Wthr & Temp.
P.C. 75°Date
JULY 86Crew
PRISCO

35 JC

ANGLE F.W. 8 - F.W. 9 - F.W. 10

F.W. 8 D 0°-00'-09"

R 180°-00'-19" 14" ✓

56" ✓

F.W. 10 D 159°-06'-04"

R 339°-06'-16" 10" ✓

F.W. 8 R 45°-00'-18"

D 225°-00'-11" 14.5 ✓

56" ✓

F.W. 10 R 204°-06'-16"

D 24°-06'-05" 10.5 ✓

F.W. 8 D 90°-00'-29"

R 270°-00'-46" 34.5 ✓

56.5 ✓

F.W. 10 D 249°-06'-26"

R 69°-06'-36" 31" ✓

F.W. 8 R 135°-00'-42"

D 315°-00'-31" 36.5 ✓

54" ✓

F.W. 10 R 294°-06'-36"

D 114°-06'-25" 30.5 ✓

56
56
56.5
54
55.6 ✓

ANGLE F.W. 8 - F.W. 9 - F.W. 10

PG 34 159'-05'-55.6" ✓

✓ CTR

36/484

Inst.

Tape

Wthr & Temp.

Date

Crew

RANGER @ D.H. FW 10 PG 38 REFLECTOR @ SPK FW 11

TEMP 62°

BAR. 29.70

PPM + 30

OFFSET (140) SEE NOTE Pg. 2

W/FILTCY

VA 90°-03'-51"

269-56-09

360-00-00

FEET

1063.54

.54

.53

.54

.56

.56

.56

.54

1063.54

.54

1063.545 ✓

METERS

324.171

.170

.169

.169

.174

.173

.173

.171

324.174

324.171 ✓

324.172 X 3.28 = 1063.557 ✓

1063.545

1063.554

1063.550 X 90°-03'-51" = 1063.549 ✓

RANGER @ SPK FW 11 PG 42 REFLECTOR @ D.H. FW 10 PG 38

DATA SAME AS ABOVE

VA 89°-55'-39"

270-04 21

360-00-00

FEET

1063.56

.58

.55

.56

.55

.56

.55

.55

.57

1063.56

1063.559

METERS

324.176

.178

.178

.181

.183

.183

.184

.186

.182

324.180

324.181 ✓

324.181 X 3.28 = 1063.584 ✓

1063.559

1063.584

1063.571 X 89°-55'-39" = 1063.570

1063.549

1063.570

1063.560 Ave.

1063.462

✓ CTR

Inst.

Tape

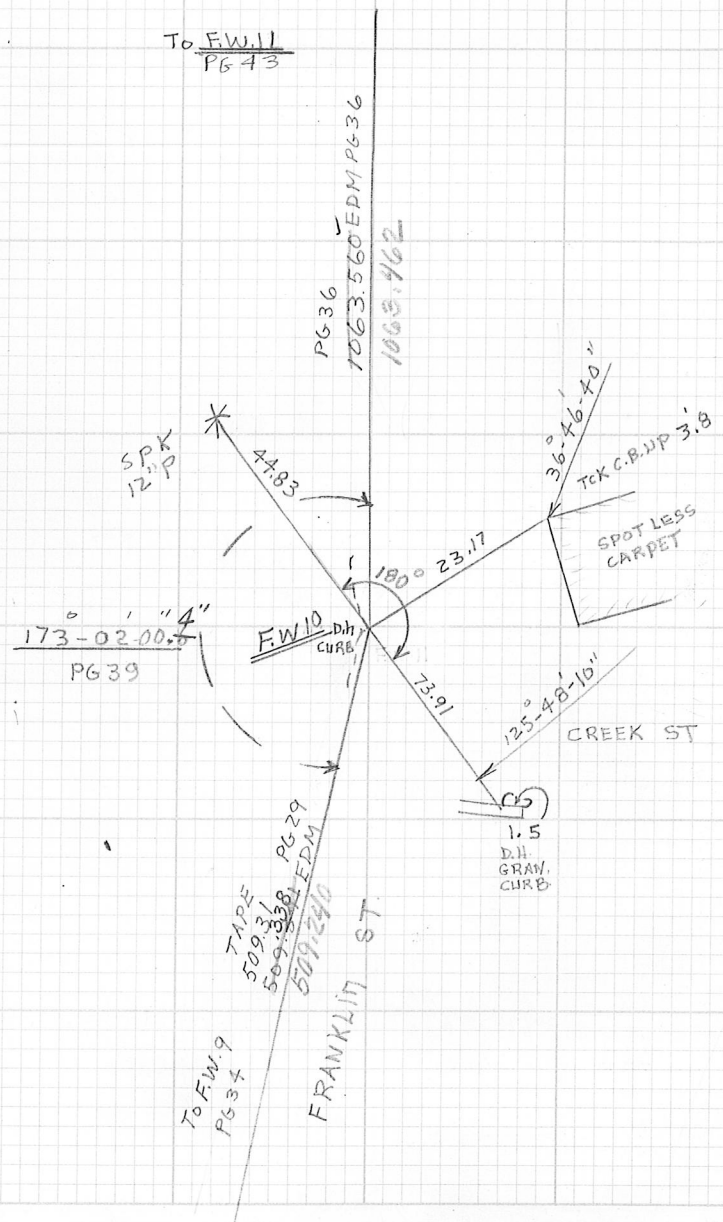
Wthr & Temp.

Date

Crew

38/ FRANKLIN - WRENTHAM TOWN LINE

Inst. 484 Tape Wthr & Temp. Date Crew



Inst. FRANKLIN Tape STREET Wthr & Temp. SUNNY 75° Date JULY 26 Crew 39

ANGLE FW.9 - FW.10 - FW.11

FW 9	D	0°-00'-08"	10.5	✓
	R	180°-00'-13"	59.5	✓
FW.11	D	173°-02'-06"	10	✓
	R	353°-02'-14"		
FW.9	R	45°-00'-22"	16.5	✓
	D	225°-00'-11"	01.5	✓
FW.11	R	218°-02'-18"	18	✓
	D	38°-02'-18"		
FW.9	D	90°-00'-32"	34.5	✓
	R	270°-00'-37"	58.5	✓
FW.11	D	263°-02'-32"	33	✓
	R	83°-02'-34"		
FW.9	R	135°-00'-38"	31	✓
	D	315°-00'-24"	02	02
FW.11	R	308°-02'-36"	34	3
	D	128°-02'-30"		

ANGLE FW.9 - FW.10 - FW.11

173°-02'-00" PG 38 00.4

✓ CTR

40/484

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

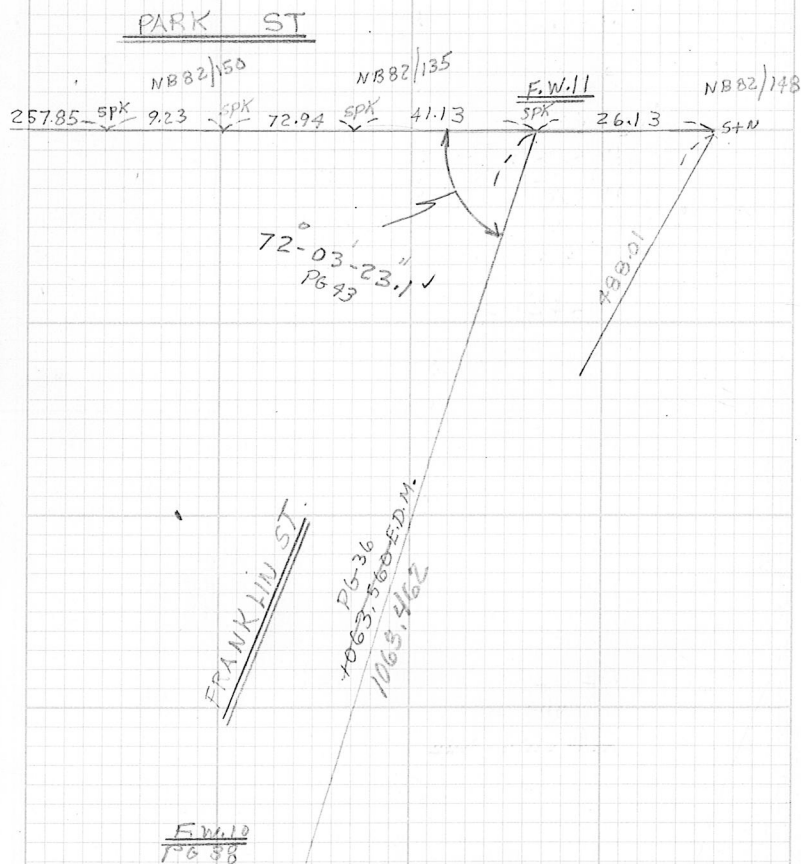
Wthr & Temp.

Date

Crew

41

42/ FRANKLIN - WRENTHAM TOWN LINE
 Inst. 1484 Tape Wthr & Temp. Date Crew



43/ FRANKLIN ST. WRENTHAM
 Inst. Theo. Tape Wthr & Temp. Date JULY 86 Crew

ANGLE F.W.10 - F.W.11 - PARK ST.

F.W.10 D 0°-00'-09" 09 ✓

R 180-00-09

24" ✓

PARK ST D 72°-03'-33" 33 ✓

R 252°-03'-33"

F.W.10 R 45°-00'-18" 15.5 ✓

D 225°-00'-13"

21" ✓

PARK ST R 117°-03'-39" 36.5 ✓

D 297°-03'-34"

F.W.10 D 90°-00'-32" 31 ✓

R 270°-00'-30"

24.5 ✓

PARK ST D 162°-03'-54" 55.5 ✓

R 342°-03'-57"

F.W.10 R 135°-00'-41" 41 ✓

D 315°-00'-41"

23" ✓

R 207°-04'-03"

PARK ST D 27°-04'-05"

ANGLE F.W.10 - F.W.11 - PARK ST

72°-03'-23.1 ✓

PG 42

24.
21
24.5
23
23.1 ✓

✓ CTR

44/484
Inst. Tape Wthr & Temp. Date Crew

RANGER @ RR SPK P.I. NB 82/151 REFLECTOR @ SPK FW 11 PG 42

VA 88-10-43
271-49-27
360-00-10
USE 88-10-38" ✓

TEMP 62°

BAR. 29.95

P.P.M. 427

OFFSET (140)

SEE NOTE Pg. 2

FEET METERS

508.24	154.921
.26	.921
.24	.918
.24	.924
.28	.924
.27	.921
.26	.919
.25	.921
.28	.918
508.25	154.922

508.257 ✓ 154.920 X 3.28 = 508.267 270

508.257 270 SPK

508.262 X 88-10-38" = 508.006 (PG 42)

263

0.098
507.908

TAPE T 53°

41.13
99.25
98.22
97.92
97.18
74.30
508.00 ✓
.05
507.95 ✓

507.908
508.006
507.95

AVE. 507.970 929

45
Inst. Tape Wthr & Temp. Date Crew

RANGER @ SPK F.N. 12 PG 48 REFLECTOR @ PL SPK 76/153

TEMP 72°

BAR 29.85

P.P.M. 434

OFFSET (140)

SEE NOTE Pg. 2

FEET

METERS

924.12
.12
.13
.10
.12
.14
.12
.12
.11
924.10
924.106
.118

281.671
.674
.675
.677
.673
.677
.673
.677
.677
281.678

281.675 X 3.2808333 =

.118

924.106

924.129

924.118 X

.123

17
120
Sine 90-08-16 = 924.118

924.129

924.120

924.022

46 / FRANKLIN WRENTHAM
Inst. 484 Tape Wthr & Temp. Date Crew

RANGER @ SPKFW.13 PG49 REFLECTOR @ SPKEN.12 PG48

TEMP 72°

BAR 29.85

RPM +34

OFFSET 140

W/FILTER

SEE NOTE Pg.2

Feet

633.64

.64

.64

.65

.65

.64

.65

.63

633.63

633.642

METERS

193.144

.143

.144

.140

.140

.141

.140

193.142

193.141

193.142 X 3.2808333 =

633.642

633.667

633.654 X sine 89-12-30 = 633.667

633.594

633.496

✓ CTR

TOWN LINE 47
Inst. Tape Wthr & Temp. Date Crew

RANGER @ SPKFW.13 PG49 REFLECTOR @ SPKEN.12 PG50

TEMP 72°

BAR 29.85

RPM +34

OFFSET 140

SEE NOTE

Pg.2

Feet

563.64

.62

.64

.64

.64

.64

.64

.66

.63

563.65

563.640

METERS

171.803

.804

.803

.801

.805

.803

.807

.804

.800

171.803

171.803

171.803 X 3.2808333 = 563.657

563.640

563.657

563.649 X sine 87-37-25 = 563.164

563.066

✓ CTR

48/ FRANKLIN - WRENTHAM
Inst. 484 Tape Wthr & Temp. Date Crew

SPK
PG 49

T 68°

84.83	85.64
80.50	79.72
80.23	80.87
78.88	78.24
86.73	87.23
77.75	76.62
77.92	78.56
67.30	66.64
633.54	633.52

633.53 AVE

MILL ST

633.496
633.594 EDM
633.53

FRANKLIN
NORFOLK

D 0°-00'-00"
R 180°-00'-07" 03.5
D 157-58-41
R 337-58-48 44.5

157-58-41

SPK F.N. 12
NB76/152
TIGS

140.5
ET 205.59
924.120
924 TO PI
LAWRENCE ST
NB76/152

TOWN LINE 49
Inst. Neo Tape VI Wthr & Temp. 74° Date SEPT 86 Crew
CLOUDY PRISCO
CAREW
KELLY

T 54°
REMEASURED

$$\begin{array}{r} 72.03 \\ 30.35 \\ 29.48 \\ 89.14 \\ 87.51 \\ 88.47 \\ 78.11 \\ 88.00 \\ \hline 563.09 \\ 05 \\ \hline 563.04 \end{array}$$

T 74°

87.09	88.00
88.59	81.63
83.92	84.94
88.51	87.48
89.56	90.68
29.03	27.91
30.35	31.18
72.02	71.16
563.07 [✓]	562.98
.02	02
563.09 [✓]	563.00

Wthr & Temp.

Date	Crew
11/1/78	10/1/78
11/2/78	10/2/78
11/3/78	10/3/78
11/4/78	10/4/78
11/5/78	10/5/78
11/6/78	10/6/78
11/7/78	10/7/78
11/8/78	10/8/78
11/9/78	10/9/78
11/10/78	10/10/78
11/11/78	10/11/78
11/12/78	10/12/78
11/13/78	10/13/78
11/14/78	10/14/78
11/15/78	10/15/78
11/16/78	10/16/78
11/17/78	10/17/78
11/18/78	10/18/78
11/19/78	10/19/78
11/20/78	10/20/78
11/21/78	10/21/78
11/22/78	10/22/78
11/23/78	10/23/78
11/24/78	10/24/78
11/25/78	10/25/78
11/26/78	10/26/78
11/27/78	10/27/78
11/28/78	10/28/78
11/29/78	10/29/78
11/30/78	10/30/78
12/1/78	10/31/78
12/2/78	11/1/78
12/3/78	11/2/78
12/4/78	11/3/78
12/5/78	11/4/78
12/6/78	11/5/78
12/7/78	11/6/78
12/8/78	11/7/78
12/9/78	11/8/78
12/10/78	11/9/78
12/11/78	11/10/78
12/12/78	11/11/78
12/13/78	11/12/78
12/14/78	11/13/78
12/15/78	11/14/78
12/16/78	11/15/78
12/17/78	11/16/78
12/18/78	11/17/78
12/19/78	11/18/78
12/20/78	11/19/78
12/21/78	11/20/78
12/22/78	11/21/78
12/23/78	11/22/78
12/24/78	11/23/78
12/25/78	11/24/78
12/26/78	11/25/78
12/27/78	11/26/78
12/28/78	11/27/78
12/29/78	11/28/78
12/30/78	11/29/78
12/31/78	11/30/78

Cloudy 58°

Date _____

Crew
PRISCO
CAREW
KELLY

0-00-00⁰ 04.5⁰⁰
180-00-09⁰⁰ 27.5⁰⁰ ✓
163-41-26 32⁰⁰
343.41 38

$$\begin{array}{r} 44.48 \\ 36.43 \\ \hline 80.91 \end{array} \quad \begin{array}{r} 44.77 \\ 36.14 \\ \hline 80.91 \end{array}$$

SPK
STUMP
6" O
FLUSH

F.W.14

PK
SPK
6''0

563.066 E.D.MP647
563.164
563.02
563.02

DOWN 0.30
COR. FOUNDATION

 $\tau = 58^\circ$

35.92	36.60
98.08	97.40
85.63	86.42
32.21 ✓	31.42
251.84	251.84 ✓
.02	
251.82 ✓	

0 1
0-00-00
180-00-11

171°-14'-18"
351°-14'-24"

05.5

F.W.15

45.96
SPK
12" D

340.06

301

SPK
8:11

9-14-15.5

1	10
2	10

CUT SPK
3-12' M.S

282

332.73

52/ FRANKLIN WRENTHAM

Inst. Tape Wthr & Temp. Date Crew

484

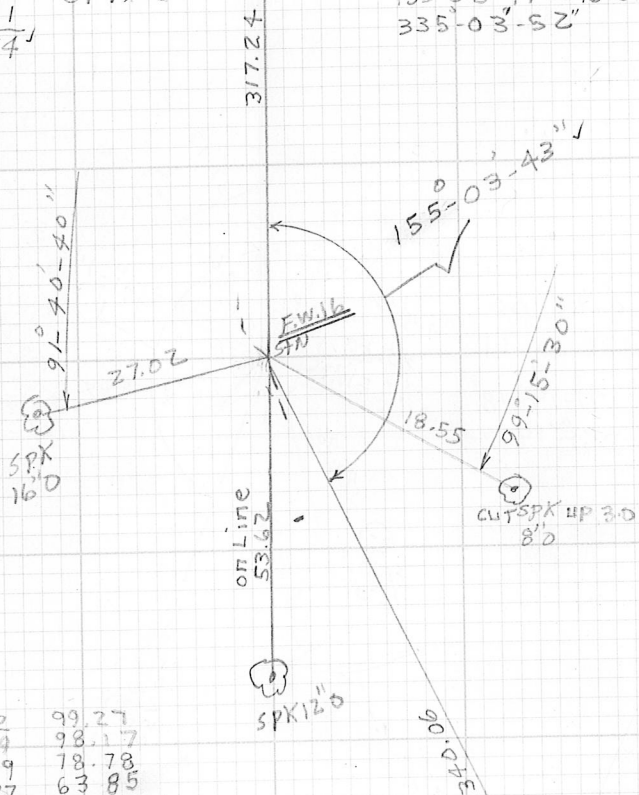
T 64°

23.51	24.28
84.23	83.48
82.45	83.16
60.48	59.78
45.63	46.36
28.95	20.19

317.25
01
317.24

0°-00'-00" 03.5
180°-00'-07" 43

155°-03'-41" 46.5
335°-03'-52"



T 62°

98.42	99.27
98.94	98.17
77.89	78.78
64.77	63.85

340.07
01
340.06

TOWN

LINE

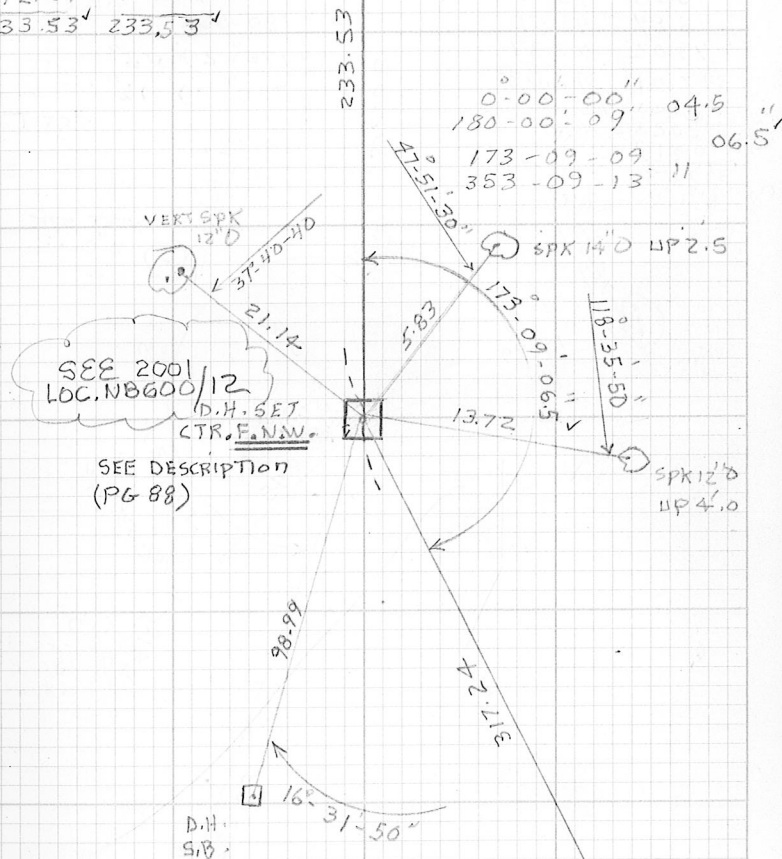
53

Inst. Theo Tape VI Wthr & Temp. Date Crew
Cloudy 64° SEPT 86 PRISCO
CAREW
KELLY

T 70°

27.83	28.33
39.85	39.36
47.27	47.90
22.06	21.44
23.83	24.41
72.69	72.09

233.53 233.53



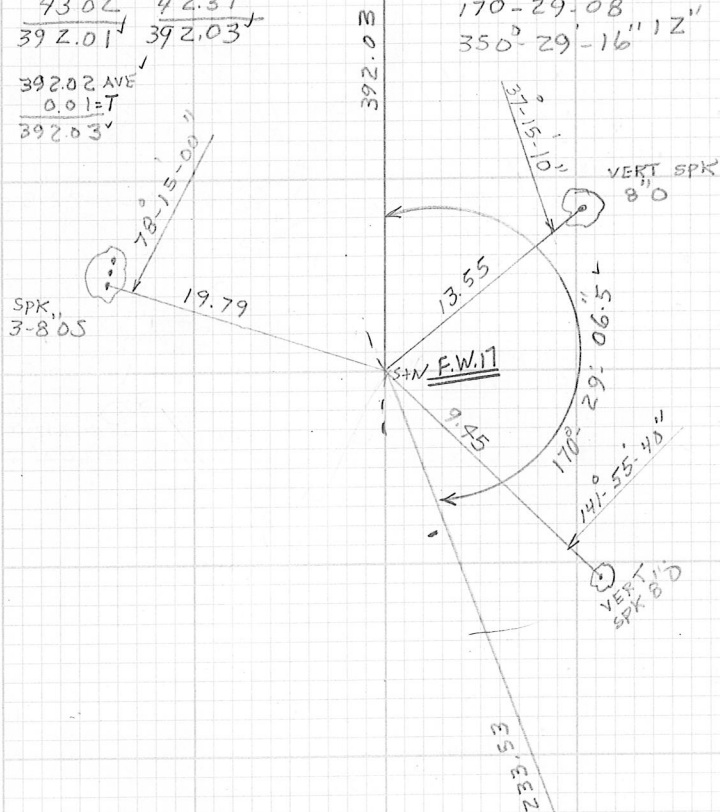
54 FRANKLIN - WRENTHAM

Inst. 484 Tape Wthr & Temp. Date Crew

T 70°

90.66	91.11
32.97	32.53
48.86	49.34
64.12	63.64
19.96	20.43
43.58	43.10
48.84	49.51
43.02	42.37
392.01	392.03

392.02 AVE
0.01 = T
392.03



TOWN LINE
Inst. Theo Tape VI Wthr & Temp.
P.C. 70±

Date
SEPT 86

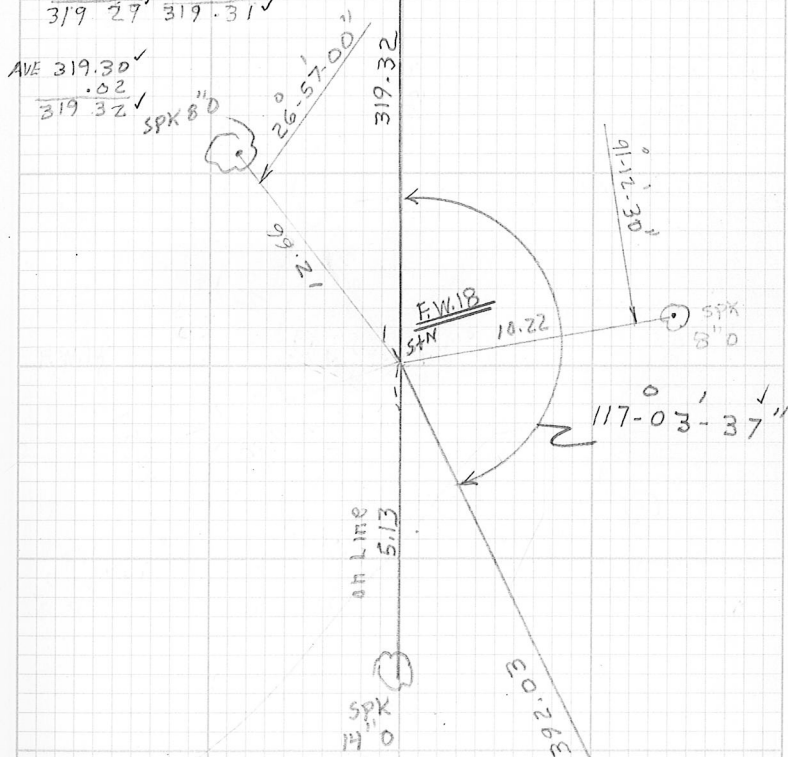
Crew

PRISCILLA
LEONE
CAREW
KELLY

T 70°

37.53	37.97
94.35	93.93
83.25	83.93
43.74	43.05
38.06	38.47
22.36	21.96
319.27	319.31

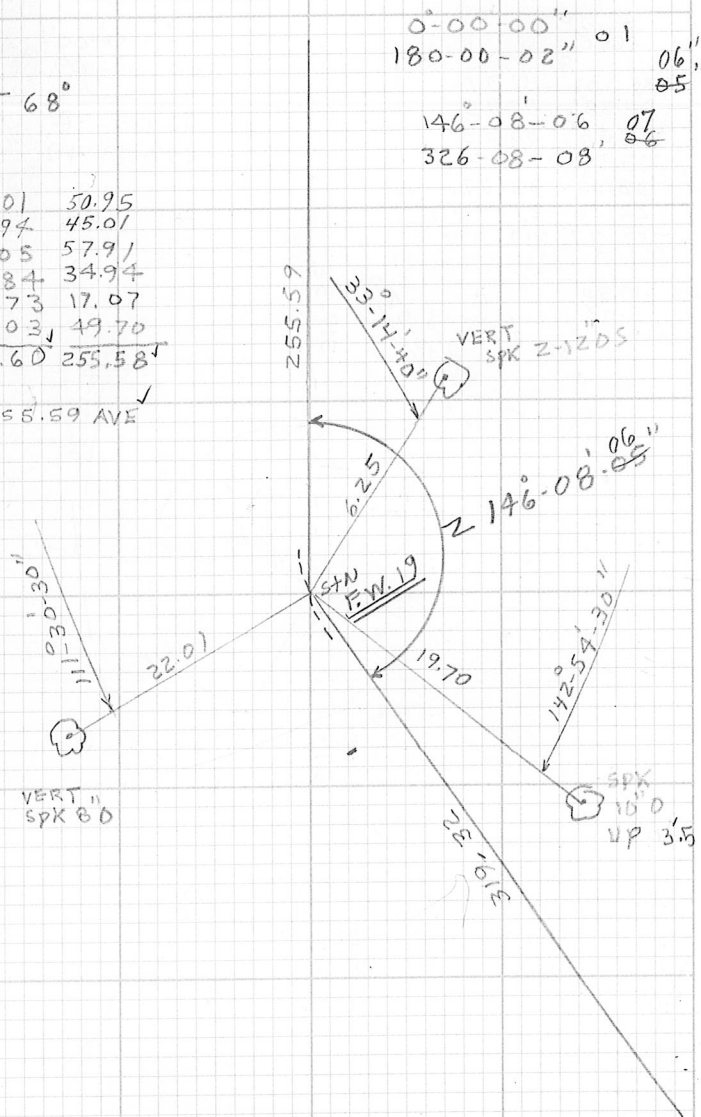
AVE 319.30
.02
319.32



56/ FRANKLIN ~ WRENTHAM
Inst. Tape Wthr & Temp. Date Crew
484

50.01	50.95
45.94	45.01
57.05	57.91
35.84	34.94
16.73	17.07
50.03	49.70
<u>255.60</u>	<u>255.58</u>

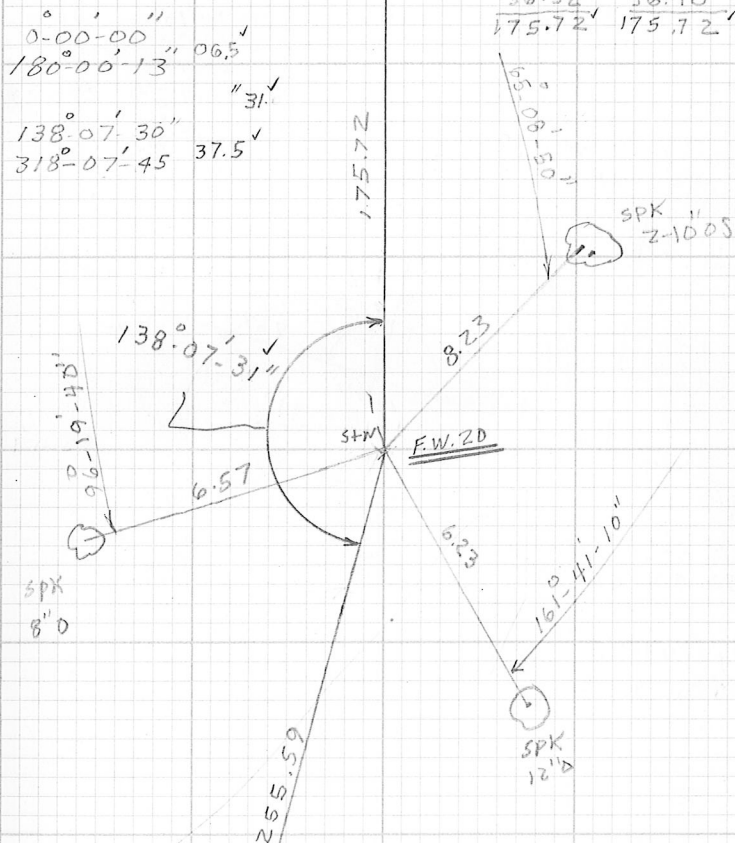
255.59 AVE



TOWN LINE 5
Inst. Theo Tape VI Wthr. & Temp. Date Crew
SUNNY 68 SEPT 86 PRISCO
LEONE
CAREW
KELLY

T 68°

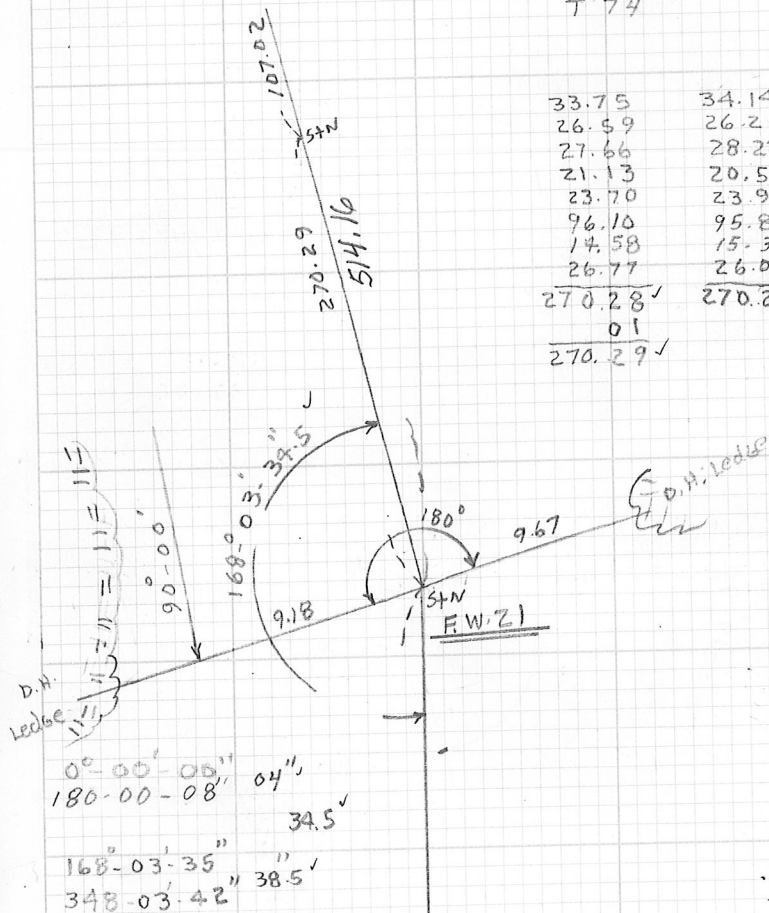
59.34	59.68
37.92	37.56
42.14	42.38
36.32	36.10
<u>175.72</u> ✓	<u>175.72</u> ✓



58 FRANKLIN WRENTHAM
Inst. 484 Tape Wthr & Temp. Date Crew

T 74°

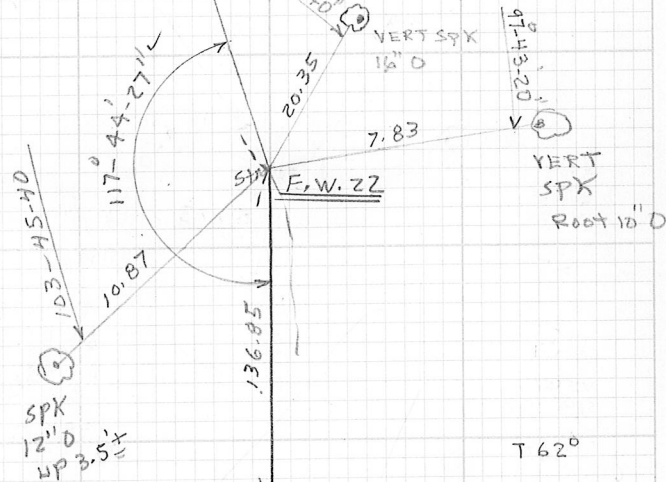
33.75	34.14
26.59	26.21
27.66	28.22
21.13	20.56
23.70	23.95
96.10	95.86
17.58	15.32
26.77	26.02
270.28✓	270.28✓
01	
270.29✓	



TOWN LINE 59
Inst. Theo Tape VI Wthr & Temp. Date Crew
Cloudy 68° SEPT 86 PRISCO
LEONE
CAREW
KELLY

T 68°	22.1
26.90	27.54
27.48	26.84
94.67	95.33
50.66	50.00
50.65	51.42
26.44	25.67
276.80✓	276.80✓

0-00-00 04.5✓
180-00-09 27"✓
117-44-25 31.5✓
297-44 38



T 62°

89.60	90.27
17.42	16.98
107.02✓	107.02✓

19.10	19.84
48.71	47.97
43.42	44.09
25.63	24.90✓
136.86✓	136.86
	.01
	136.85✓

60/ FRANKLIN - WRENTHAM
Inst. 484 Tape Wthr & Temp. Date Crew

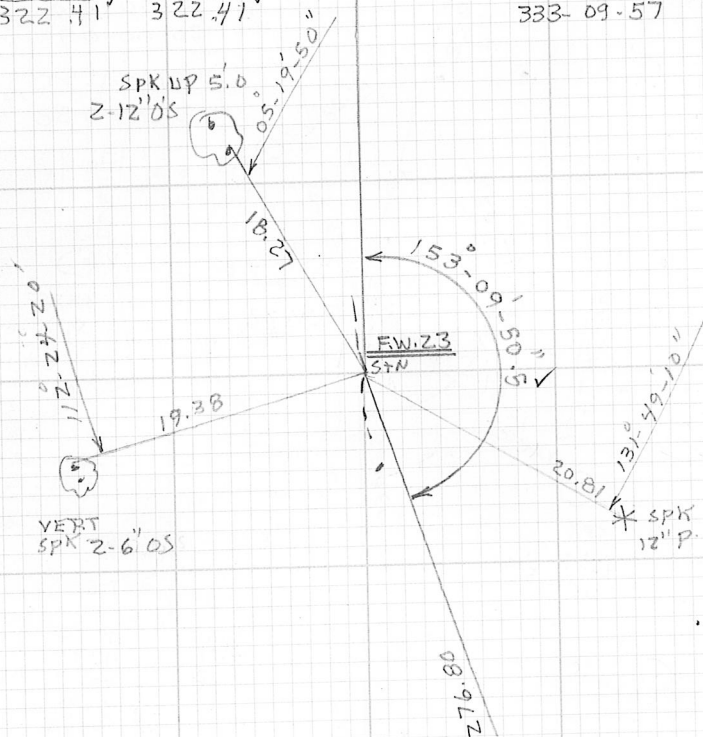
T 68°

16.95	17.56
18.38	17.77
61.70	62.34
52.37	51.73
44.13	45.11
78.24	77.27
24.12	25.00
26.52	25.63
322.41	322.41

322.41

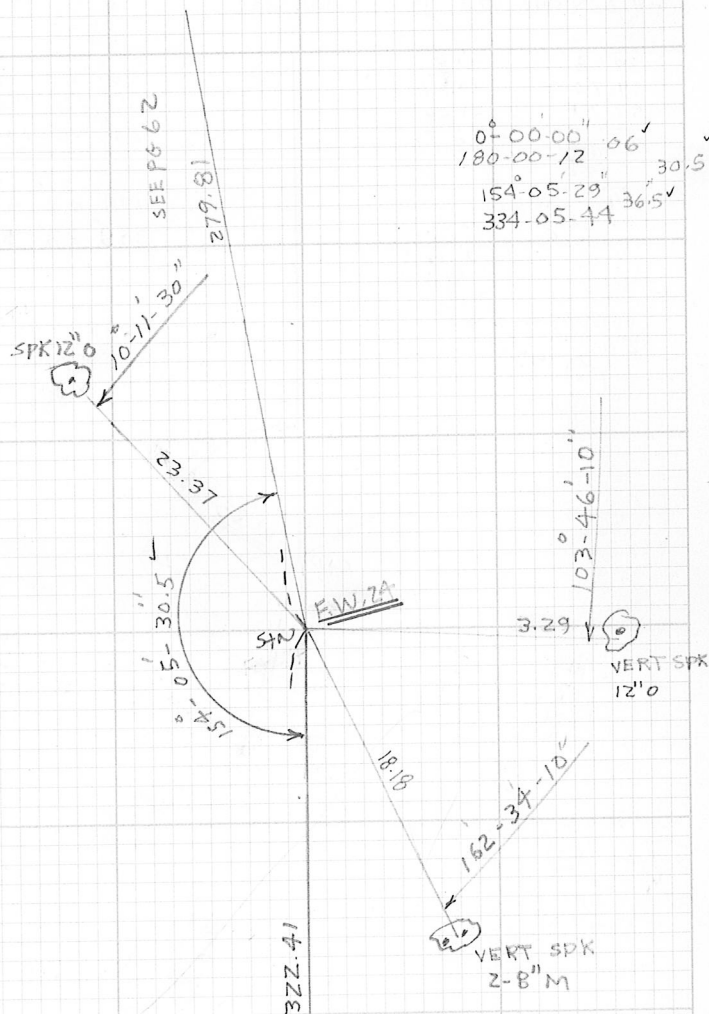
0°-00'-00"
180°-00'-04" 02
50.5

153°-09'-48
333°-09'-57 52.5



TOWN LINE
Inst. Theo Tape VI Wthr & Temp. Date Crew
cloudy 68° SEP 186

0°-00'-00"
180°-00'-12" 06
154°-05'-29" 30.5
334°-05'-44" 36.5



62/ FRANKLIN - WRENTHAM
Inst. 484 Tape Wthr & Temp. Date Crew

VA 104° 58' 00" VA 104° 58' 00"

97.62 X sine = 92.73 97.90 X sine = 94.58

93.73 ✓ 94.58 ✓
34.66 33.81
99.20 99.82
52.20 51.58

279.79 ✓ 279.79 ✓
02

279.81 P661

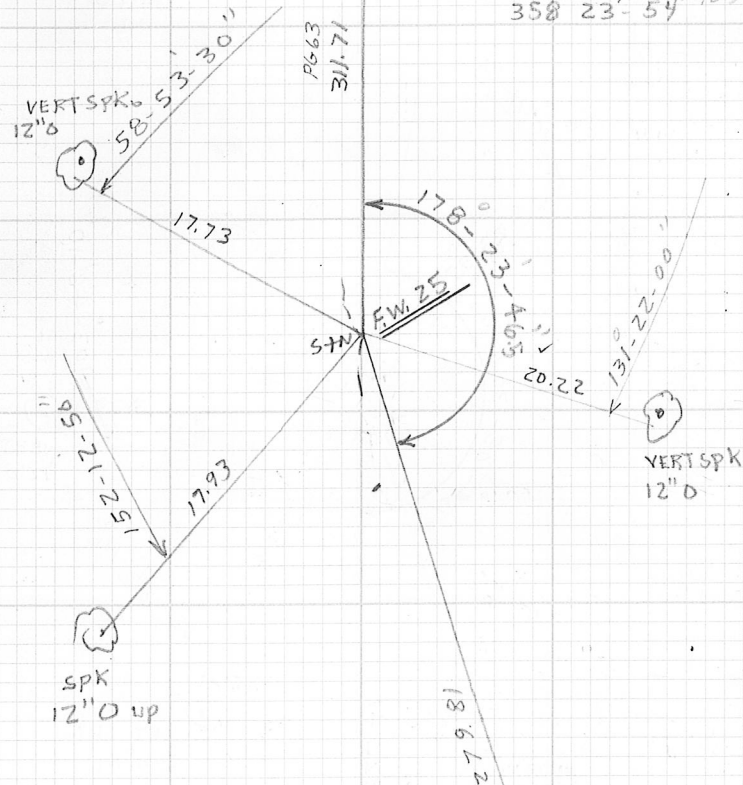
0° 00' 00"

186° 00' 04" 02

46.5"

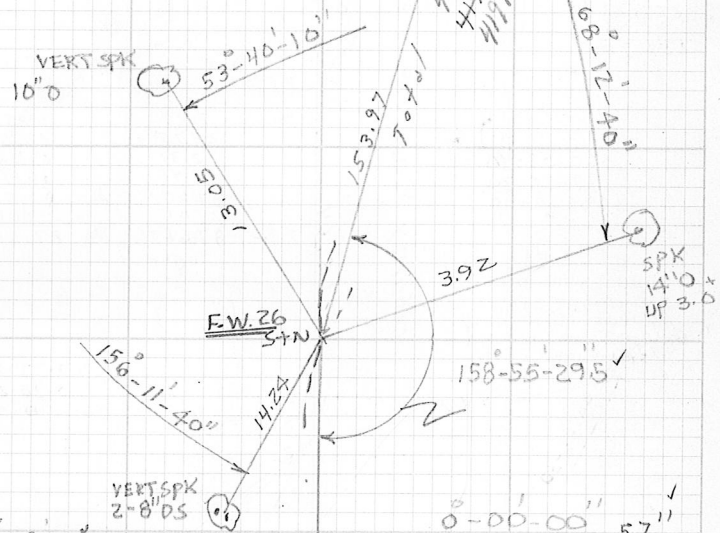
178° 23' 43"

358° 23' 54" 48.5



TOWN LINE
Inst. Theo Tape VI Wthr & Temp. Date Crew
7° 85° PC 77° SEP 786 PRISCO
LEONE
CAREW
KELLY

19.41 20.34
31.40 30.48
60.97 61.81
42.17 41.32 ← S+N 153.95 ✓
19.43 20.09 .02
97.62 96.94 153.97 ✓
75.32 76.05
73.24 72.53
419.56 ✓ 419.56 ✓
419.61 ✓ 419.61 ✓



VA 103° 58' 19" VA SAME

SINEX 97.83 SINEX 98.83

94.94 ✓ 95.91 ✓
99.43 98.46
79.28 79.96
38.04 37.36
311.69 ✓ 311.69 ✓
02
311.71

0° 00' 00" ✓
179° 59' 54" 57" ✓
29.5
158° 55' 25" ✓
338° 55' 28" 26.5 ✓

311.71

✓ CTR

66/484

Inst. Tape Wthr & Temp. Date Crew

RANGER @ SPK FW. 27 (PG 64) REFLECTOR @ SIN FW 26 PG 63

TEMP 68°

BAR 29.80

P.P.M. + 31

OFFSET 140

SEE NOTE Pg. 2

VA 88-38-17

271-21-49 USE 88-38-17

360-00-06

FEET

METERS

419.80

127.958

.79

.952

.81

.962

.79

.956

419.79

127.967

419.796 ✓

127.959 ✓ X 3.2808333 = 419.812 ✓

419.796

419.812

419.804 ✓ X sine 88-38-14 = 419.685 (PG 63)

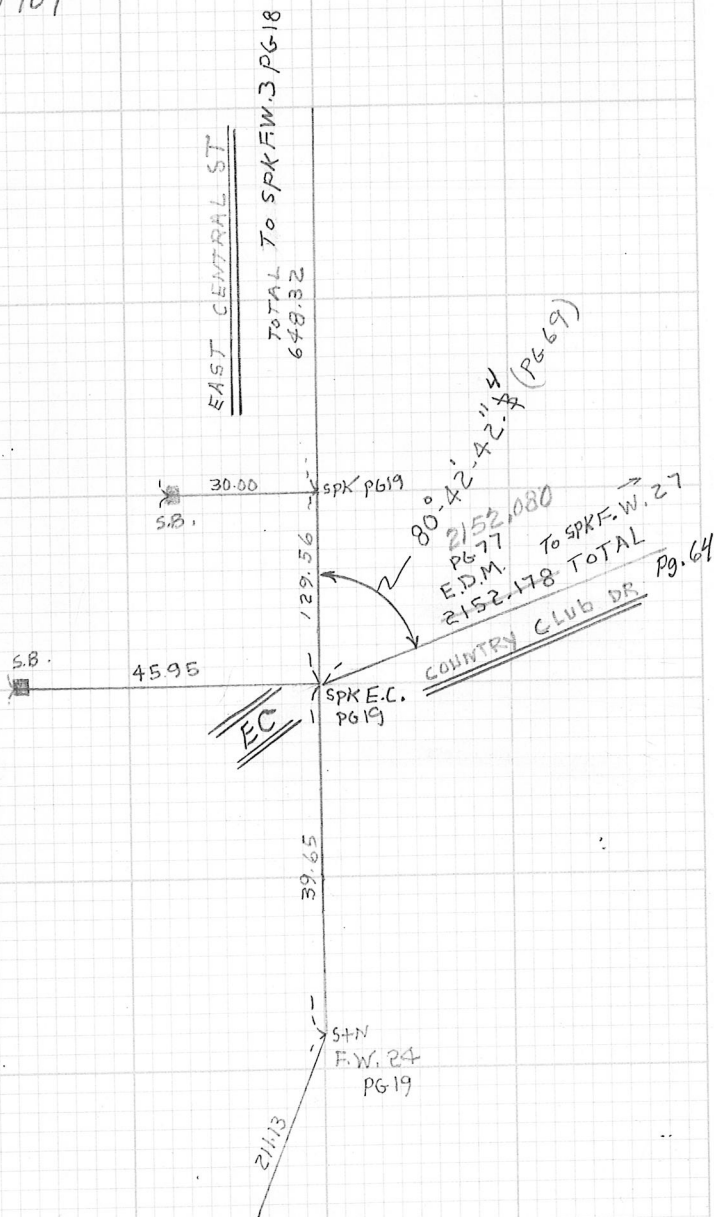
419.587

VCTR

67

Inst. Tape Wthr & Temp. Date Crew

68 / FRANKLIN - WRENTHAM
Inst. 484 Tape Wthr & Temp. Date Crew



TOW 17
Inst. Theo Tape

Wthr & Temp.
P.C. 77°

Date
SEPT 86

Crow
PRISCO
CAREW
KELLY

ANGLE F.W. 3 ~ SPK E.C. F.W. 27

F.W.3 D $0^{\circ}-00'-09''$
R $180^{\circ}-00'-13''$

F.W. 27 D 80°-42'-56" 56.5✓
R 260-42'-57"

F.W. 3R 45°-00'-21" 13.5"✓
D 225-00-06

F.W. 27 R 125°-43'-00"
D 305°-42'-53" 56.5'✓

F.W.3 D 90°-00'-29" 29.5" ✓
R 270-00-30

F.W.27 D 170-43-07⁰ 10"✓
R 350-43-13

F.W.3 R 135°-00'-41"
D 315-00-37 39"✓

FW.27 R 215°-43'-22" 19.5" ✓
D 35-43-17

$$\begin{array}{r} 45.0 \\ 43.0 \\ 40.5 \\ \underline{40.5} \\ 42.25 \\ 42.4 \end{array}$$

ANGLE F.W. SPK E.C, F.W. 2.7

$80^{\circ}-42'-42''\overset{4''}{\cancel{3}} \text{ pg 69}$

70/484

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

71

72/484

Inst. Tape Wthr & Temp. Date Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

73

74 / FRANKLIN - WRENTHAM
Inst. / 484 Tape Wthr & Temp. Date Crew

RANGER @ STN F.W. 5 (PG 21) REFLEX @ STN F.W. 4 (PG 19)

VA on F.W. #4

88° 43' 19"

271-16-41

360-00-00

T 58°

BAR 29.90

P.P.M. +25

OFFSET (140)

SEE NOTE Pg. 2

w/FILTER

FEET

METERS

785.25

239.350

.27

352

.26

352

.26

351

785.24

239.352

785.256

239.351 X 3.2808333 =

785.256

785.271

785.271

785.264 X 88° 43' 19" = 785.068

784.971

RANGER @ STN F.W. 5 REFLEX @ SPK F.W. 6 PG 22

SAME DATA AS ABOVE

VA - 91-01-31

268-58-29

360-00-00

FEET

METERS

968.95

295.352

.96

.353

.98

.356

.97

.365

968.97

295.361

968.966

295.357 X 3.2808333 =

968.966

969.017

969.017

968.992 X 91° 01' 31" = 968.837 (PG 22)

968.739

TOWN LINE
Inst. Tape

Wthr & Temp.

Date

Crew
PRISCO
LEONE
CAREW
KELLY

75

RANGER @ SPK F.W. 6 PG 22 REFLECTOR on STN F.W. 5 PG 21

TEMP 58°

BAR 29.70

P.P.M. +27

OFFSET (140)

w/FILTER

FEET

METERS

969.02

295.364

.00

.358

.02

.363

.01

.351

969.00

295.366

969.010

295.360 X 3.28 = 969.027

969.027

969.019 X sine 88-59-38 = 968.869

968.837

968.869

968.853 Ave.

968.739

968.755

968.747

Ave 968.853 PG 22

968.755

76 FRANKLIN WRENTHAM
Inst. 484 Tape Wthr & Temp. Date Crew

RANGER @ SPK F.W. 27 (PG 64) REFLECTOR @ SPK CC 1 PG 81

T 58°
BAR. 29.86
P.P.M. 431
OFFSET 14.0
W/FILTER
SEE NOTE
PG. 2
VA 90-08-09
269-51-57
359-59-66
USE 90-08-06 ✓

FEET	METERS
591.28	180.222
.26	.222
.25	.219
.27	.226
591.27	180.227
591.266 ✓	180.223 X 3.2808333 = 591.282 ✓
591.266	591.282 ✓
591.282	591.274 X sin 90°-08'-06" = 591.272 ✓
591.274 ✓	591.274

RANGER @ SPK F.W. 27 (PG 64) REFLECTOR @ SPK CC 2 PG 82

DATA SAME AS ABOVE
W/O FILTER
VA 89-41-44
270-18-21
359-59-65
USE 89-41-41 ✓

FEET	METERS
1648.52	502.470
.50	.481
.54	.481
.53	.481
.49	.481
.51	.478
.52	.476
.52	.481
.54	.480
1648.51	.484
1648.518 ✓	502.480 ✓
1648.518	502.479 X 3.2808333 = 1648.550 ✓
1648.550 ✓	1648.550
1648.534 X sin 89°-41'-41" = 1648.511 ✓	1648.511
1648.511	1648.413

✓ CTR

Town
Inst. RANGER Tape
Wthr & Temp. Date Crew
SUNNY 68° Oct 86
PRISCO
LEONE
CAREW

RANGER @ SPK F.W. 27 REFLECTOR @ SPK CC 3 PG 82

DATA SAME AS PG 76
W/O FILTER
VA 89-39-36
270-20-28
359°-59'-64"
USE 89-39-34"

FEET	METERS
1852.40	564.633
.41	.630
.43	.633
.44	.634
.42	.632
.43	.633
.41	.635
.44	.633
.44	.634
1852.44	564.634
1852.426 ✓	564.633 X 3.2808333 = 1852.467 ✓
1852.426	1852.426
1852.467 ✓	1852.411
1852.446 X sin 89°-39'-34" = 1852.411	1852.315

RANGER @ SPK F.W. 27 REFLECTOR @ SPK CC 4 PG 19

DATA SAME AS PG 76
VA 89°-29'-08"
270°-30'-51"
359-59-59
USE 89°-29'-09"

FEET	METERS
2152.25	656.019
.25	.022
.25	.012
.26	.014
.27	.015
.26	.016
.27	.017
.27	.019
.25	.023
2152.25	656.019
2152.258 ✓	656.018 X 3.2808333 = 2152.286 ✓
2152.258	2152.286
2152.286	2152.272 X sin 89°-29'-09" = 2152.185 PG 68
2152.272 ✓	2152.087

✓ CTR

78/484

Inst. Tape Wthr & Temp. Date Crew

RANGER @ SPK E.C. (Pg 68) REFLECT @ SPK F.W. 27 PG 64

T 56°
 BAR 30.00
 PPM +23
 OFFSET 140
 W/FILTER

SEE NOTE
Pg. 2

FEET METERS

2152.25
 .25
 .23
 .25
 .25
 .25
 .24
 .25
 .24

2152.25

2152.2456

2152.245

2152.276

2152.265 x 90-31-22 = 2152.171

METERS

656.014
 .019
 .013
 .016
 .011
 .015
 .015
 .014

656.015

656.015 x 3.28

RANGER @ SPK E.C. REFLECT @ SPK PG 18

T. 56
 BAR 30.00
 PPM +23
 OFFSET 140
 W/FILTER

SEE NOTE
Pg. 2

FEET METERS

779.06
 .04
 .05
 .07

779.04

779.052

237.456
 .456
 .457
 .457

237.457

237.454 x 3.28

779.047

779.052

779.049 x 89-19-22 = 778.995

778.997

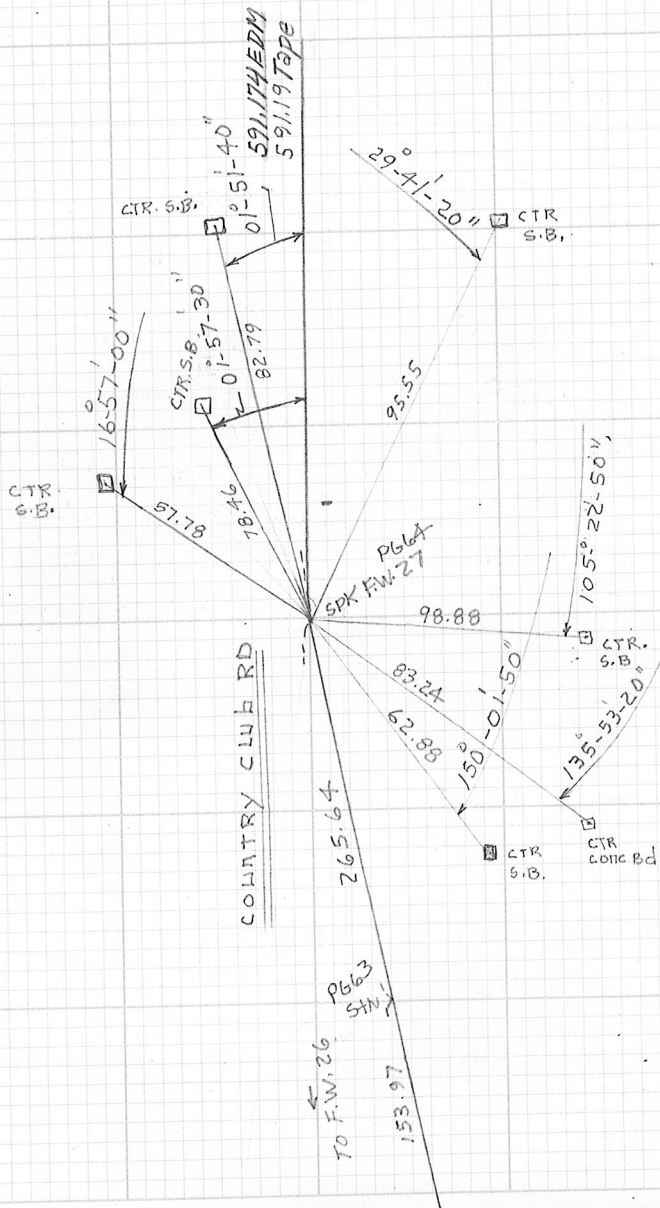
79

Inst. Tape Wthr & Temp. Date Crew

2152.073
2152.087

1/2 = 2152.08

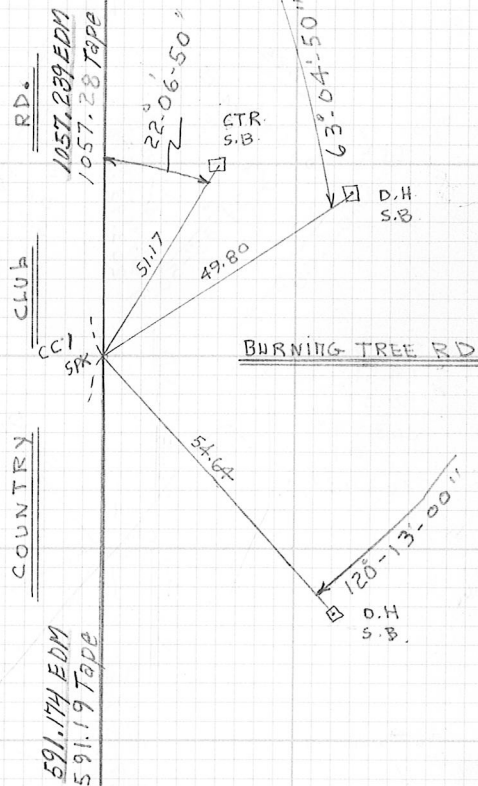
80 / FRANKLIN - WRENTHAM
 Inst. #3 Tape VI Wthr & Temp. Date Crew
 484



TOWN LINE 81
 Inst. #3 Tape VI Wthr & Temp. Date Crew
 cloudy 60° OCT PRISCO LEONE CAREW

T 60°
 98.43
 98.46
 99.38
 99.55
 98.64
 97.68
 97.83
 97.98
 98.13
 97.00
 74.85
 1057.33 ✓
 05
 1057.28 ✓

T 58°
 98.19
 98.23
 98.54
 98.15
 98.34
 99.78
 591.23 ✓
 04
 591.19 ✓



82 / FRANKLIN - WRENTHAM
Inst. Tape Wthr & Temp. Date Crew

484

T 64°
97.84
97.87
56.31
48.55
299.77 ✓
01
299.76 ✓

D.H. S.B.

57.25

64.35

55°04'-40"

34°35'-50"

203.902 EDM.
203.93 TAPE

99.26
54.51
50.23 ✓
203.94 ✓
01
203.93 ✓

COUNTRY CLUB RD

C.C.2

1057.239 EDM
1057.28 TAPE

SPK

299.772 EDM
299.767

SPK E.C.

SPK C.C.3

40.13

54.39

14°19'-20"

D.H. S.B.

36°07'-00"

D.H. S.B.

50.45

163°57'-40"

TAM-O-SHANTER RD

47.32

53.48

15°39'-40"

D.H. S.B.

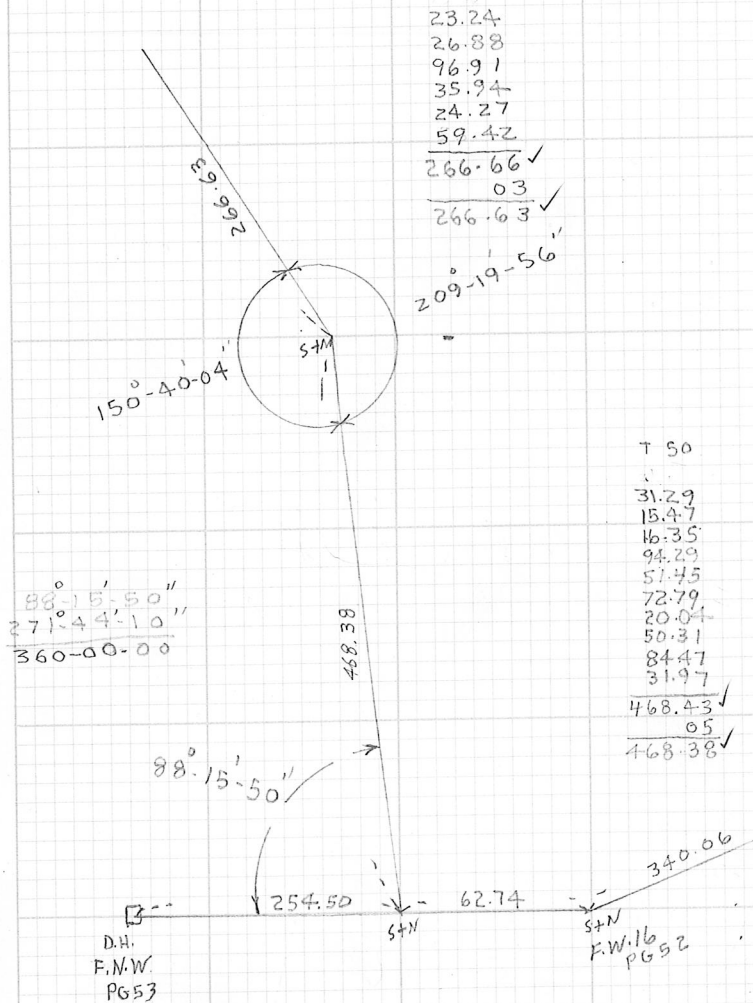
56°11'-00"

D.H. S.B.

TOWN LINE
Inst. Tape Wthr & Temp. Date Crew

83

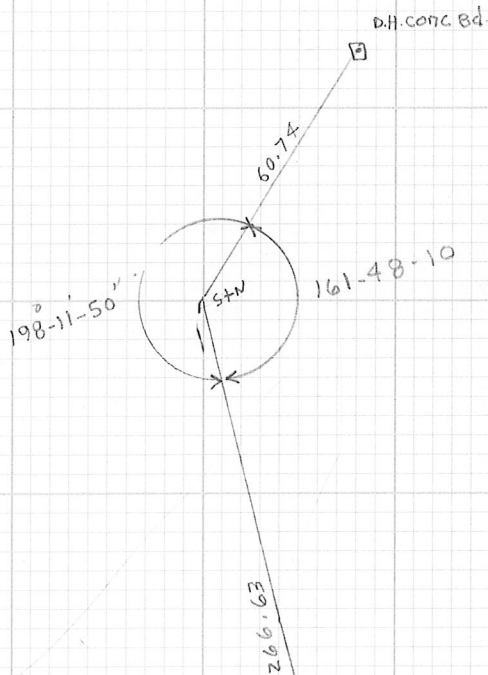
Inst.	Tape	Wthr & Temp.	Date	Crew
84	FRANKLIN	WRENTHAM		
484				



TOWN LINE
Inst. Theo Tape VI. Wthr & Temp.
sunny 45

Date
oct 86

Crew
PRISCO
LEONE
CAREW



86 FRANKLIN WRENTHAM
Inst. #3 Tape Wthr & Temp. Date Crew

T 60°

86.05
89.34
87.82
94.86
90.99
66.94
68.33
584.33 ✓
03
584.30 ✓

MILL ST.

584.30

(4X) = 179°-30'-30"
179-30-20
F.W.13
P649

633.53
(P9.49)

TOWN LINE
Inst. #3 Tape VI Wthr & Temp. Date
SUNNY 60+ 04-86

87 JC
Crew
PRISCO
LEONE
CAREW

T 58°

20.59
15.68
29.54
30.45
76.15
21.12
193.53 ✓
01
193.52 ✓

D.H.
FND

193.52

175°-55'-00"
(4X) = 343°-39'-40"
175°-54'-55"

78.38
28.49
106.87 ✓
01
106.86 ✓

106.87
08°-36'-20"

56°-53'-00"
(4X) = 227°-32'-50"
56°-53'-12.5"

584.30

31.25

MILL ST.

SPK M-1

(TIES NB 298/100)

88/484

Inst. TA Tape

Wthr & Temp.

Date

Crew

CLOUDY 34° DEC 16, 1986

PRISCO
CAREWF.N.W. #X (LOCATION PG 53)

A ROUGH SPLIT STONE MONUMENT 3'-9"
IN HIEGHT ON THE NLY SIDE AND 3'-4" IN
HEIGHT ON THE SLY SIDE.

THE TOP BEING TRIANGULAR IN SHAPE
MEASURING 6" ACROSS THE TOP WLY SIDE
AND 8" ALONG THE SLY AND NLY TOP SIDES
THE LETTER "F" IS CUT ON THE WEST FACE,
A "W" ON THE SOUTH FACE, AND "N"
ON THE NORTH FACE..

Inst.

Tape

Wthr & Temp.

Date

Crew

89

JL 90 / DETAIL FRANKLIN
 Inst. 484 Tape Wthr & Temp. Date Crew

T 83°

99.79
 96.68
91.52
 287.99 ✓
 03
288.02 ✓

FRANKLIN ST.

TOTAL 474.90

T 76°

34.88
 67.98
 74.75 ✓
177.61 ✓
 56.01
177.62

E. CENTRAL ST.

TO FW4

95.84
 FW5
 SPK PG21

D.H. PG21
 CURB

95'-38'-40"
 (4X) = 22°-35'-00"
 95'-38'-45" ✓

20.08 SPK 177.62
 177.63

38.32
 41.76
80.08 ✓

SPK PG20

WRENTHAM
 Inst. Tape
 # 3 VI

TOWN LINE
 Wthr & Temp. Date
 Cloudy 76° SEPT 86

91
 Crew
 PRISCO
 LEBEAU
 KELLY

FRANKLIN COUNTRY CLUB

T 38

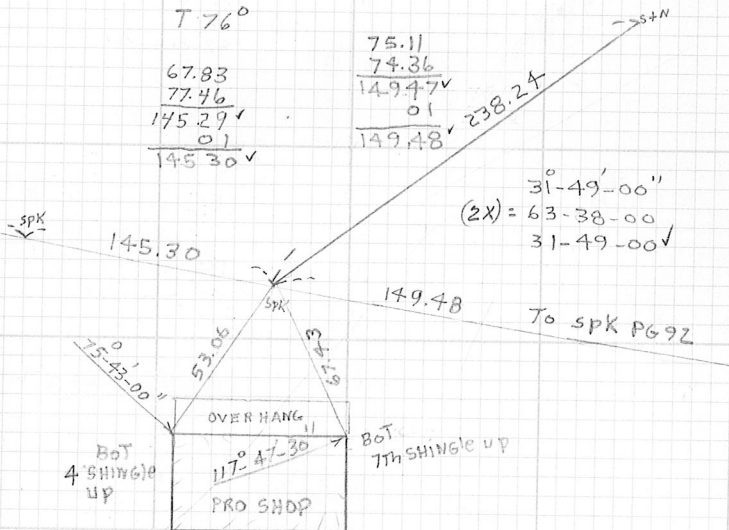
93.40
 73.18
 71.71
238.29 ✓
 .05
238.24 ✓

T 76°

67.83
 77.46
145.29 ✓
 01
145.30 ✓

75.11
 74.36
149.47 ✓
 01
149.48 ✓

31'-49'-00"
 (2X) = 63-38-00
 31-49-00 ✓



92/484

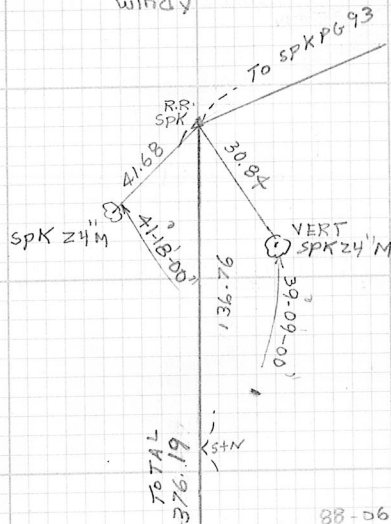
Inst. #3 Tape VI Wthr & Temp.

cloudy
windyDate
SEPT 86

Crew

PRISCO
LEONE
CAREW
KELLY

T 62°
37.37
63.81
93.07
94.57
87.38
376.20✓
01
376.19✓



T 38°
54.80
81.99
136.79 ✓
03
136.76✓

16.78
75.87
86.82 ✓
239.47
05
239.45
2

88-06-30
(4X) = 352-26-40
88-06-40 ✓

VERT SPK 24 P

61-27-00
149.48
To SPK PG 91

SHALLOW D.M.
BED STONE
STONE + MASONARY WALL

Inst.

Tape

Wthr & Temp.

Date

Crew

93

56

TO FW3

EAST CENTRAL ST

649.38 Meas
649.51 PL

SPK PG 19 129.56

SPK PG 19 39.65

STN PG 19

Meas
211.13

97-55-40
(4X) = 31-43-00
97-55-45 ✓

T 34°

9.41
93.44
88.30
96.02
89.81
87.65
30.42
495.05✓
0.11
494.94✓

494.94

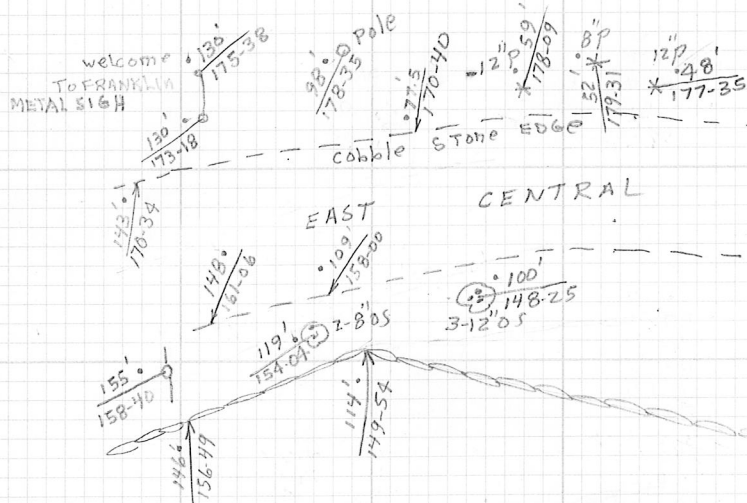
116-56-50
107-48-10 ✓
116-57-02.5

To SPK PG 91
376.19RR
SPK PG 92

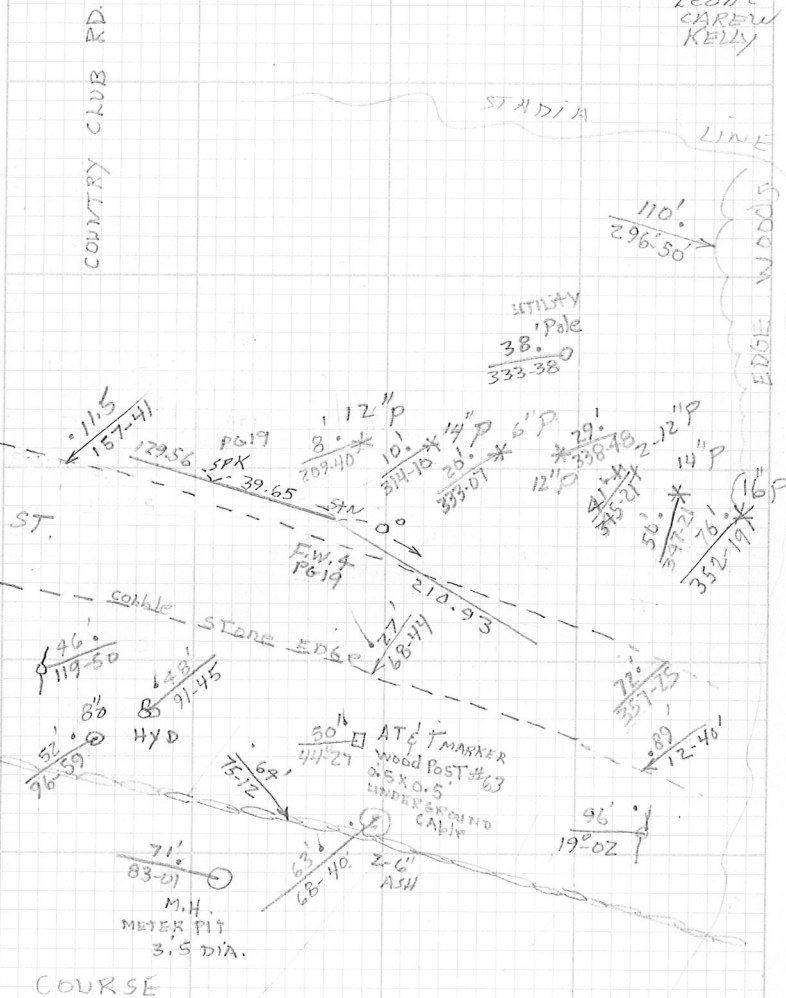
WRENTHAM TOWN LINE 95

Inst.	Theo	Tape	ROD	Wthr & Temp.	Date	Crew
				cloudy DAMP 65	SEPT 86	PRISCO LEONE CAREW KELLY

Δ
AG



GOLF



Plotted CTR 12/22/86

96/DETAIL

FRANKLIN

Inst. 424 Tape

Wthr & Temp.

Date

Crew

woods

M.H.B.
PG 20

Pole

25.5

152.00

METAL POST

17.5' 3' DIA

129.36

EAST CENTRAL

cobble stone edge

3.5 WIDE

36' 0" 123' 114.50

104' 96.23 24.6

108' 89.58 24.0

WRENTHAM TOWN LINE

Inst. Theo

Tape Rod

Wthr & Temp.

Date

Crew

cloudy
DAMP

65°

SEPT 86

PRISCO
LEANE
CAREW
KELLY

STADIA

LINE

woods

FRANKLIN ST

14" ASP

21' 286-18

2.6" M

15' 292.35

on ASP

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

2-14" DS

67' 355-42

16' 293.42

12' ASP

18' 331-27

16' 331-00

14' 331-40

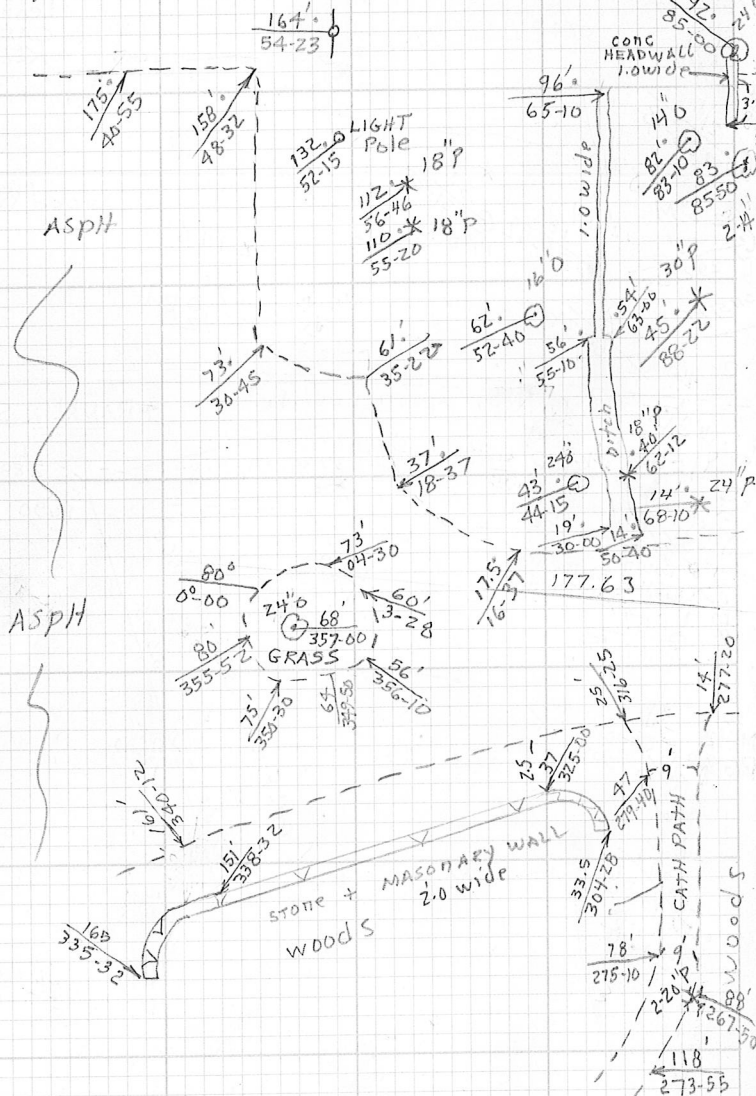
2-14" DS

67' 355

98/ DETAIL
Inst. Tape
484

FRANKLIN - WRENTHAM

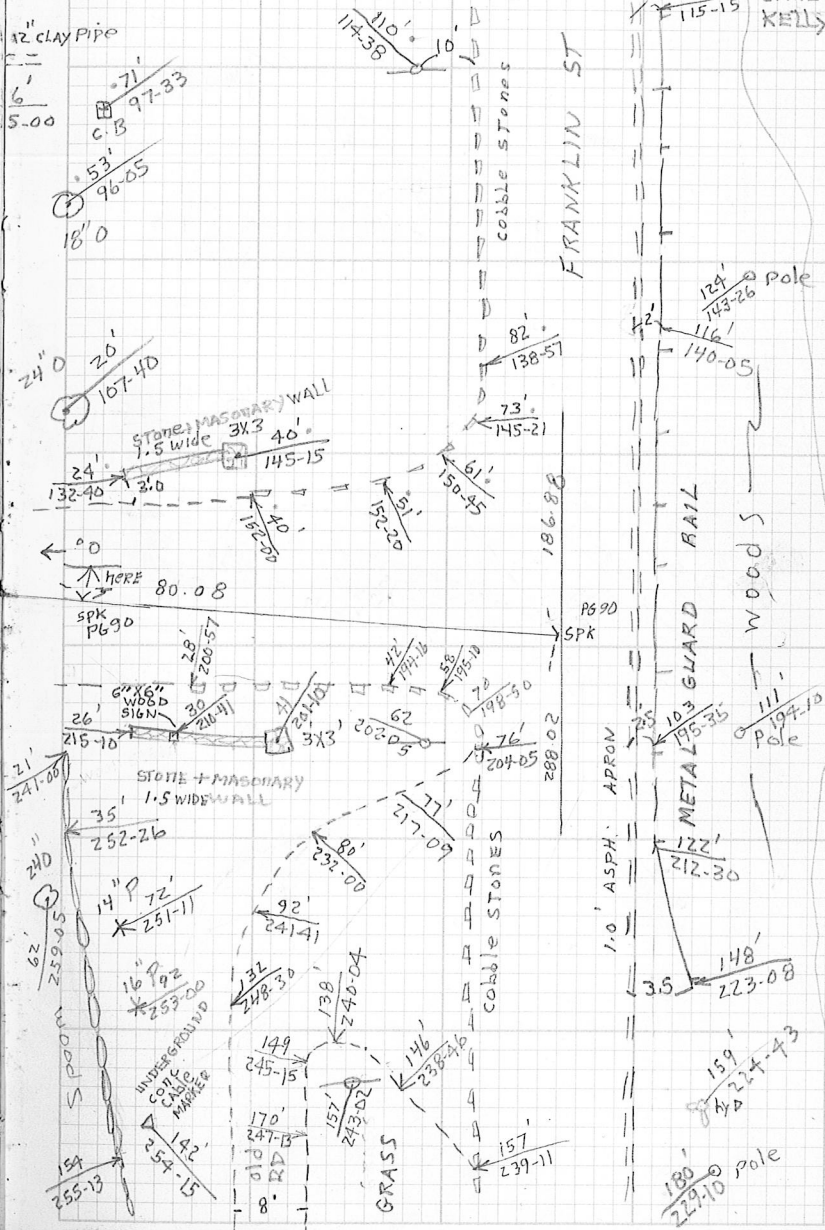
Wthr & Temp.	Date	Crew
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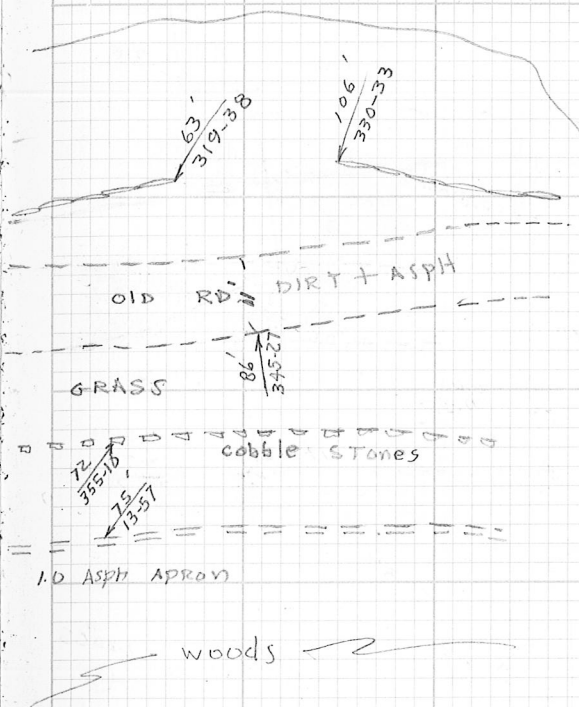
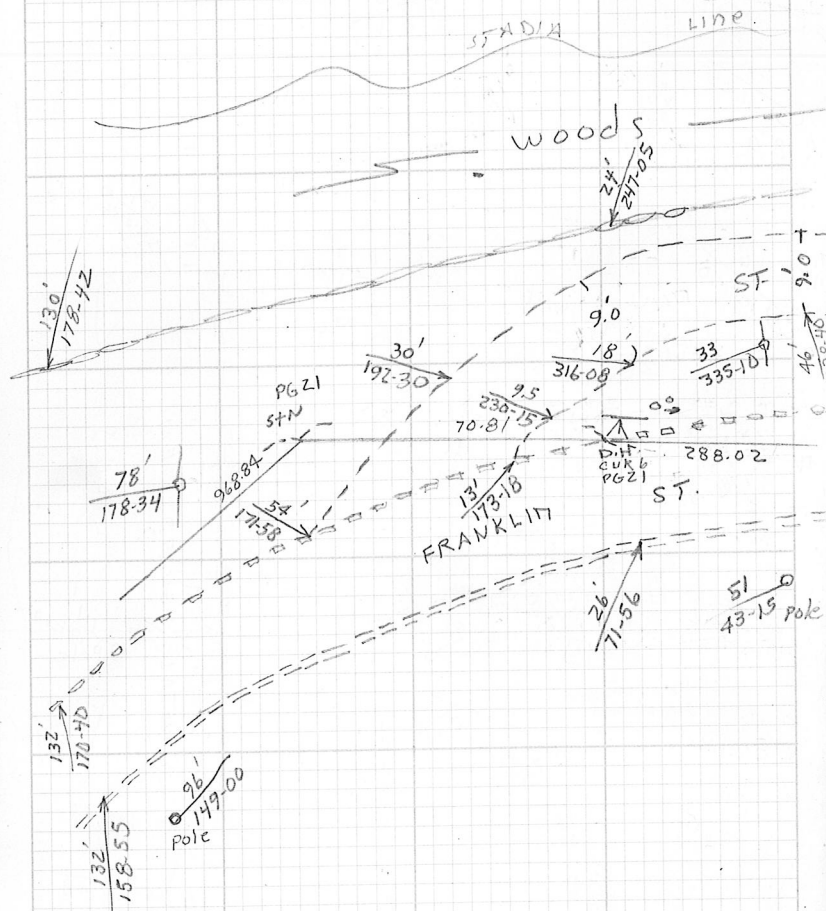


Plotted on
12/23/06

TOWN LINE
Inst. #3 Tape ROD Wthr & Temp.
STADIA Line SUNNY WINDY 68°

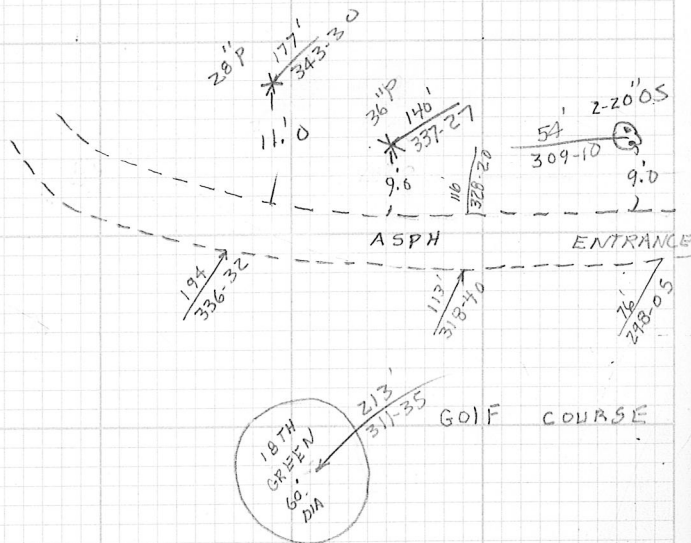
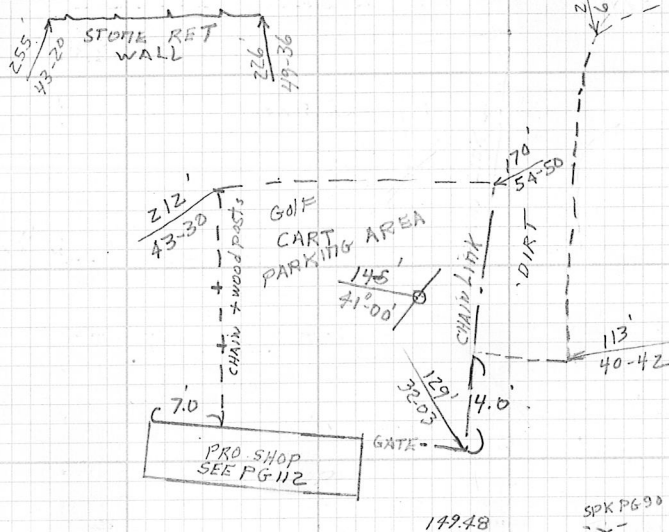
99
Date OCT-86
Crew PRISCO
LEONE
CAREW
KELLY



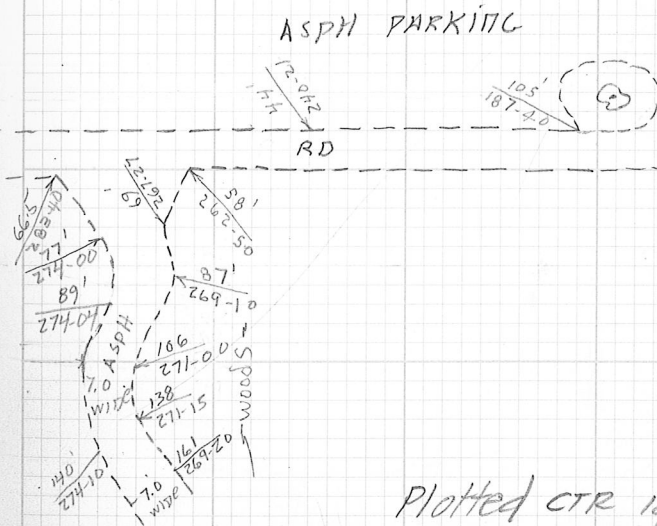
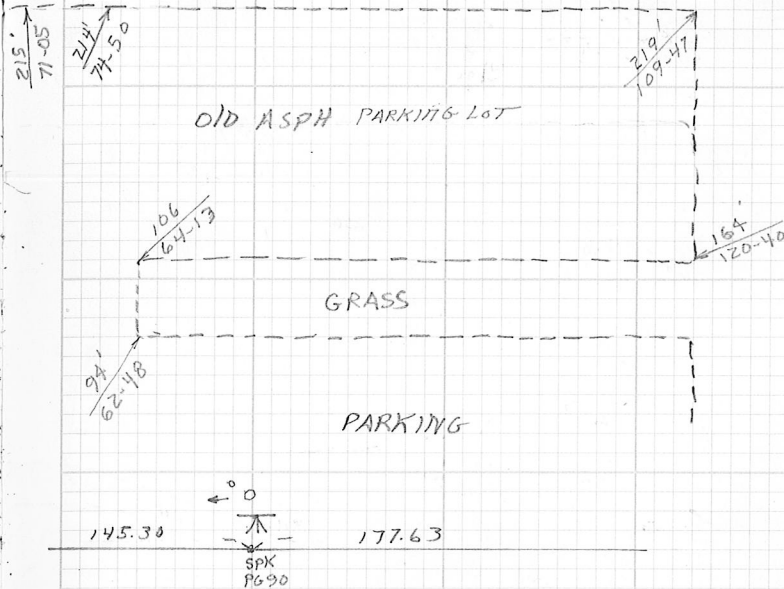


Plot fed CTR 12/23/06

102 / DETAIL FRAVYKLIN - WRENTHAM
Inst. 484 Tape Wthr & Temp. Date Crew



TOWN LINE
Inst. I Tape Rod Wthr & Temp. Date Crew
Cloudy 40° NOV 86 PRISCO CAREW



Plotted CTR 12/23/86

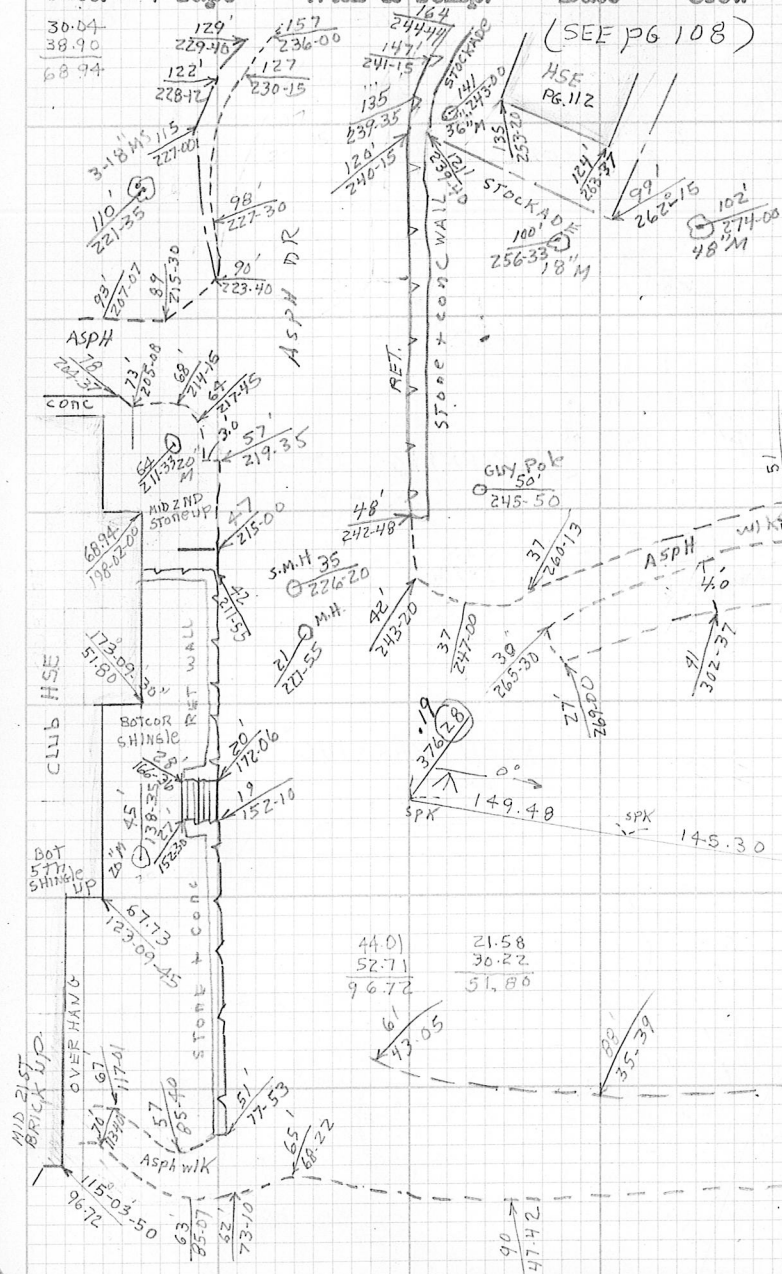
Inst. 1484 Tape

Wthr & Temp.

Date _____

Crew

(SEE PG 108)



Inst. #

Tape VI

Wthr & Temp.

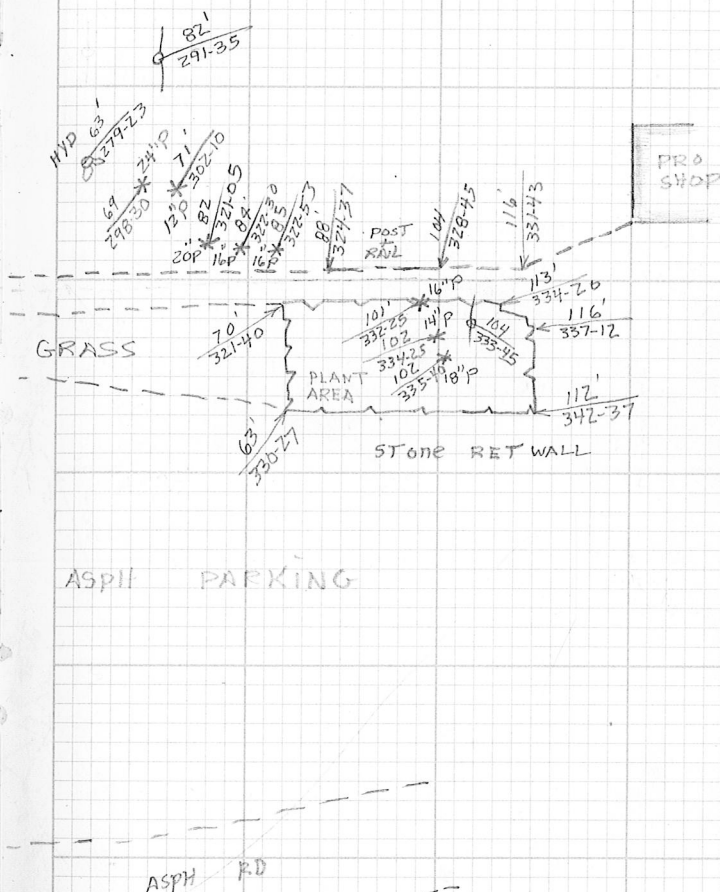
Date _____

Crews

cloudy 45°

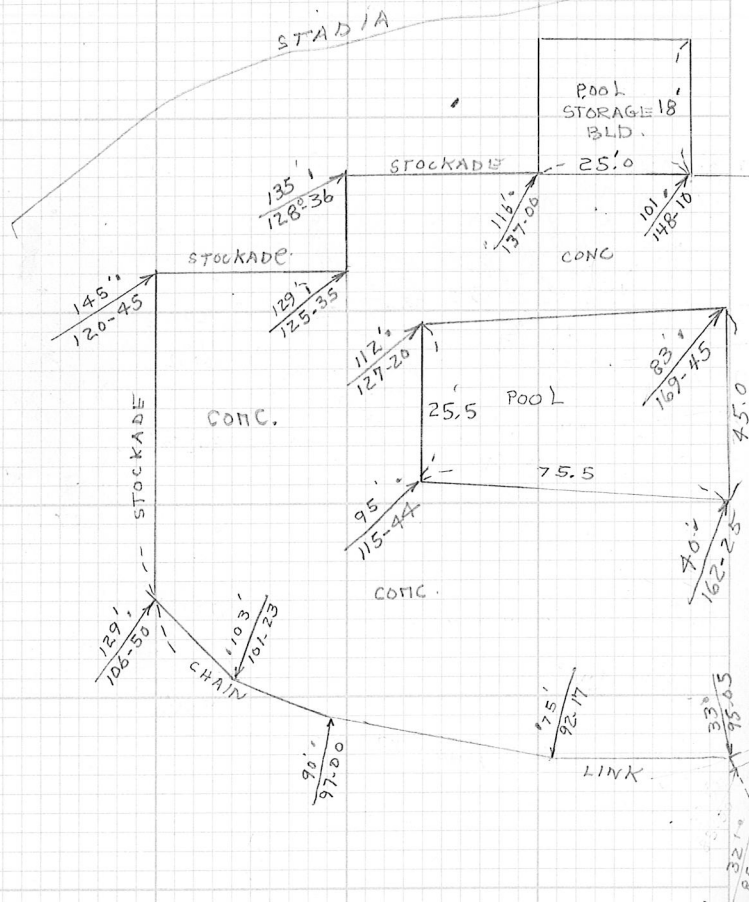
NOV 86

VIEW
PRISCO
CAREW

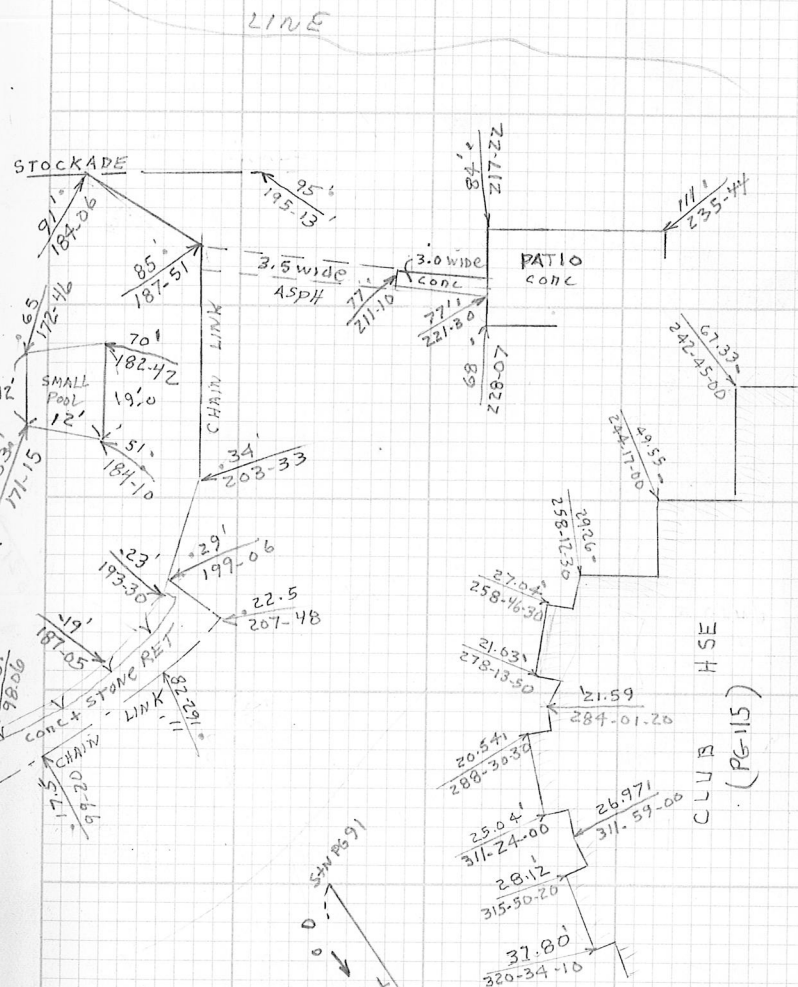


Plotted CRZ
12/23/86

56 106 FRANKLIN → WRENTHAM
Inst. 484 Tape Wthr & Temp. Date Crew



TOWN 107
Inst. #3 Tape VI Wthr & Temp. 386
Date NOV 86 Crew PRISCO, LEBER, CAREW



Plotted 12/29/86
CTR

110/FRANKLIN Z WRENTHAM

Inst. 484 Tape

Wthr & Temp.

Date _____

Crew

town

Line

Inst. #3 Tape VI

Wthr & Temp.

P.C.
windy

34°

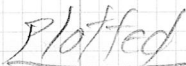
Date _____

NOV 86

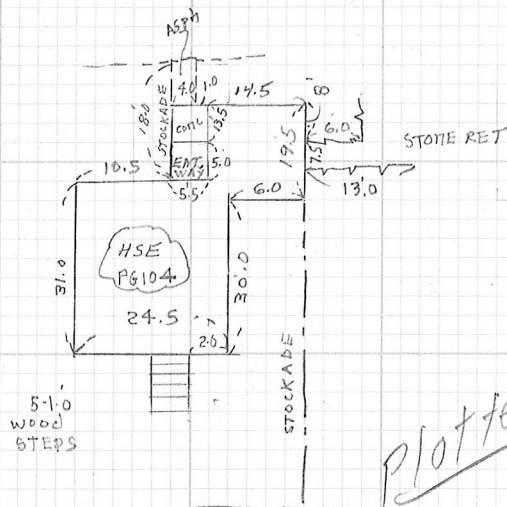
Crew

PRISCO

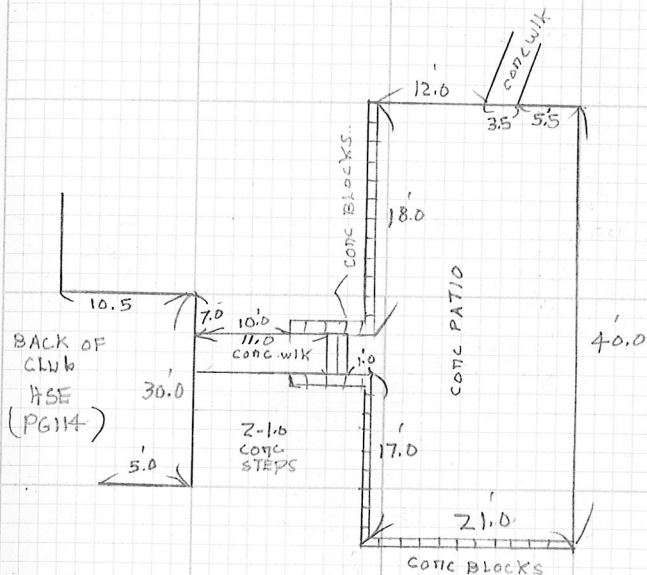
CAREW
Lebeau



112/ FRANKLIN - WRENTHAM
Inst. 484 Tape Wthr & Temp. Date Crew



TOWN LINE
Inst. Tape Wthr & Temp. Date Crew 113

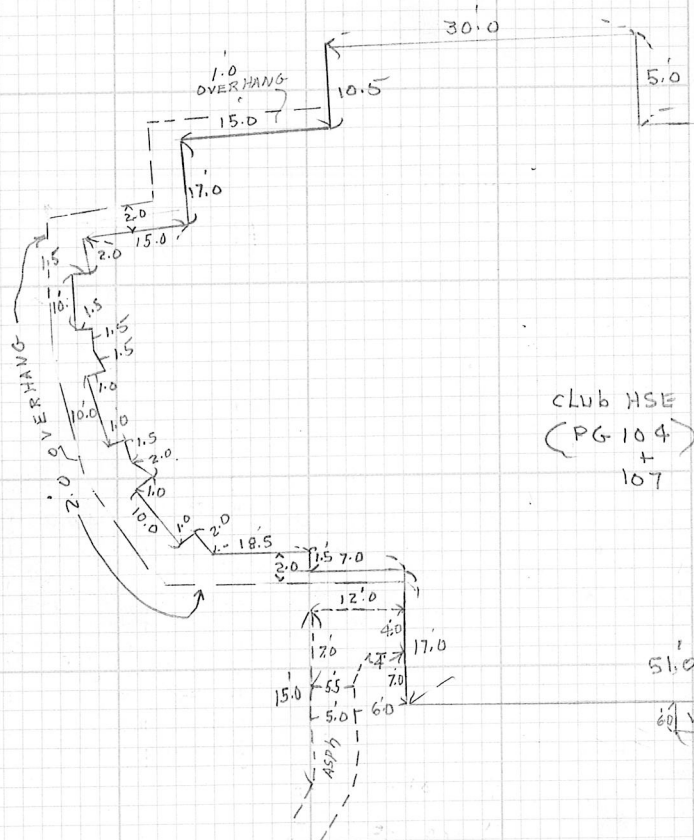


114/ FRANKLIN → WRENTHAM
Inst. 484 Tape Wthr & Temp. Date Crew

Wthr & Temp.

Date _____

Crew



club HSE
(PG-104)
+
107

STONE + CONC RET 1.5WIDE

51.0

TOWN
Inst. Tape

Tape

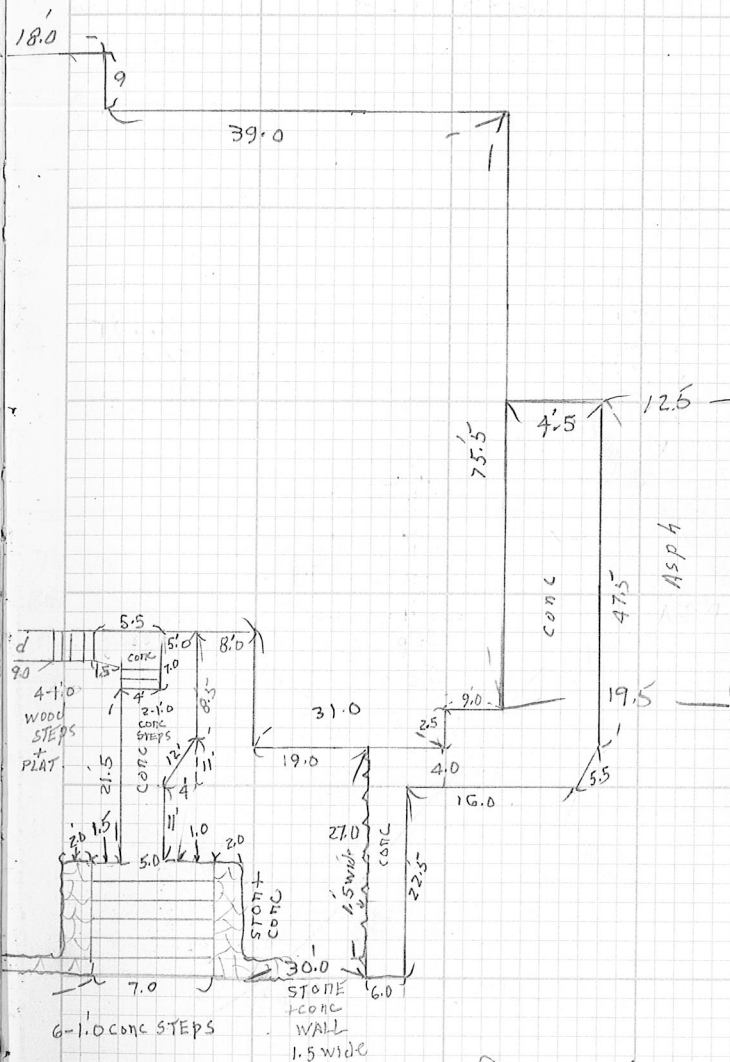
Wthr & Temp.

LIFE

Date _____

Crew

115.



Plotted

116 FRANKLIN-WRENTHAM TOWN LINE SURVEY

Inst. 484 Tape Wthr & Temp. Date 6/3/87 A.M. Crew SIMPSON
J12555 GENITT
TOPCON @ D.H. IN CONC. S.W. Pg. 2 KELLY
SINGLE GLASS REFLEC. @ 17CL

T = 59°

BAR = 29.9

P.P.M. = 00

LIETZ

PRISMS

-30MM

OFFSET

INT. CONSTANT

= OFF 10MM

SET IN @ FACTORY

ALSO SEE TAG

BEHIND INDEX

ERROR ADJ. SCREW

P.56 GTS-2B

INSTRUCTION BOOKLET

CLOUDY - COOL

TOPCON @ D.H. above

REFLEC. @ 17CK Pg. 2

SAME

DATA AS

ABOVE

AVG OF 5 MEASURES

SLOPE DIST. = 605.560

ZENITH = D = 92-02-22

R = 267-50-47

359-59-09

SINE OF 92°-02'-47.5" x 605.560

= 605.174 ✓

CHECKING DISTANCES W/TOPCON 117

Inst. Tape Wthr & Temp. Date Crew

6/3/87 A.M.

TOPCON @ F.W. 1 R.R. SPK. Pg. 6 #10

TRIPLE GLASS REFLECTORS @ 17CK

T = 61°

BAR = 30.0

P.P.M. = 00

OTHER

DATA SAME

AS Pg. 116

SLOPE DIST. 3487.435 - AVG. OF 5 MEASURES

SLOPE DIST. 3487.435 - " " "

ZENITH = D = 89-47-15

R = 270-12-26

359-59-41

SINE OF 89°-47'-24.5" x 3487.435

= 3487.412 ✓

T = 70°

6/3/87 P.M.

BAR = 30.0

P.P.M. = 05

TOPCON @ F.W. 1 Pg. 10 #14

SINGLE GLASS REFLEC. @ F.W. 2

AVG. OF 5 MEASURES

SLOPE DIST. = 1633.915

ZENITH = D = 91-00-17

R = 268-59-23

359-59-40

SINE OF 91°-00'-27" x 1633.915

= 1633.662 ✓

118 FRANKLIN-WRENTHAM TOWN

Inst. /484 Tape Wthr & Temp. Date 6/3/87 Crew SIMPSON

T=70° TOPCON @ F.W. Z SINGLE GLASS
BAR=30.0 P9.14418 REFLEC. @ F.W.3
P.P.M.=05 AVG. OF 5 MEASURES 1015.675
SLOPE DIST. =

$$\begin{aligned} \text{SINE OF } 92^{\circ} 04' 24'' & \quad D = 92^{\circ} 04' 10'' \\ \times 1015.675 & \quad R = 267^{\circ} 55' 22'' \\ & \quad 359-59-32 \\ & \quad = \boxed{1015.010} \end{aligned}$$

TOPCON @ R.R. SPR. F.W. 8 P9.26430
REFLEC. @ STN F.W. 7 @ ELYSIUM ST.

T=74°
BAR=30.00 AVG. OF 5 MEASURES 1339.260
P.P.M. 07

SINGLE GLASS ZENITH = D = 89-39-39"
LIETZ R = 270-19-31"
PRISM 359-59-10
TOPCON IN SINE OF 89-40-04" X 1339.260
DIRECT SUNLIGHT = 1339.237
SUNNY-WISPY CLOUDS. LIGHT WIND

TOPCON @ R.R. SPK. F.W. 8
REFLEC. @ STN F.W. 9 P9.30434

T=74° AVG. OF 5 MEASURES 1408.260 ZENITH
BAR.30 D=89-26-30
P.P.M.=07 R=270-33-02
SINE OF 89-26-44" 359-59-32
X 1408.260
= $\boxed{1408.194}$

CHECKING TRAVERSE DISTANCES 119

Inst. WITH TOPCON GTS. 25 Tape Wthr & Temp. Date Crew

120/484

Inst.

Tape

Wthr & Temp.

Date

Crew

121

Inst.

Tape

Wthr & Temp.

Date

Crew

122/ WELL SITE TRANSLIN; E. CENTRAL ST.
 Inst. 484 Tape Wthr & Temp. Date Crew
 675-2B CLEAR 40° 6 NOV 87 LEBEAU
 CONTINUED FROM NB 472/160 SULLIVAN
 BAR PRESS 29.6 IN Hg
 TEMP 40° F

VA 87° 40' 36"
 272.17.51

359.58.27

(-2) 1.33

47
 + 87.40.36

CALL 87° 41' 23"

DISTANCE ED

SD 379.125

HD 378.820

378.820' EA

378.820' DE

USE AVERAGE

378.820'

VA 89° 06' 03"
 270.52.28

359.58.31
 1.29

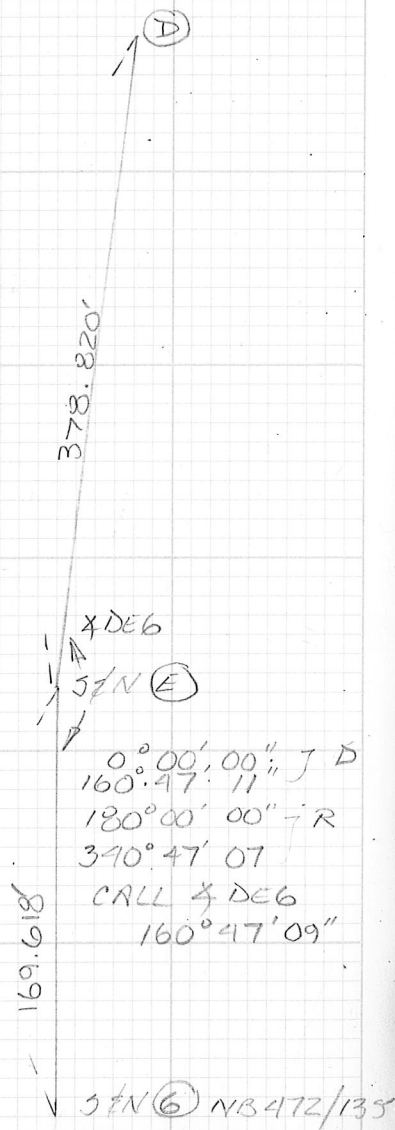
(-2) 45
 + 89.06.03

CALL 89° 06' 48"

DISTANCE EG

SD 169.635

HD 169.615

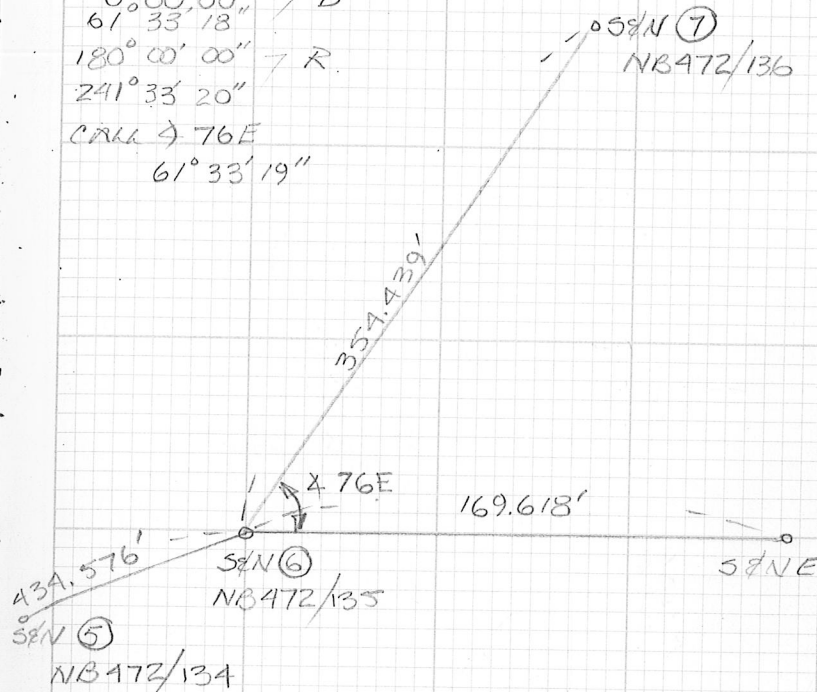


WELL SITE TRANSLIN, EAST CENTRAL 123
 Inst. Tape Wthr & Temp. Date Crew
 675-2B CLEAR 40° 6 NOV 87 LEBEAU
 CONTINUED FROM NB 472/136 SULLIVAN

0° 00' 00" J D
 61° 33' 18"
 180° 00' 00" J R
 241° 33' 20"

CALL 476E

61° 33' 19"



DISTANCE GE

SD 169.660

HD 169.620

169.620' GE

169.615' EG

USE AVERAGE

169.618'

VA 91° 12' 57"
 268° 45' 39"

359.58.36
 1.24

(-2) 42
 + 91.12.57

CALL 91° 13' 39"

124/484

SWAMP

LOCATIONS

WELL

Inst.

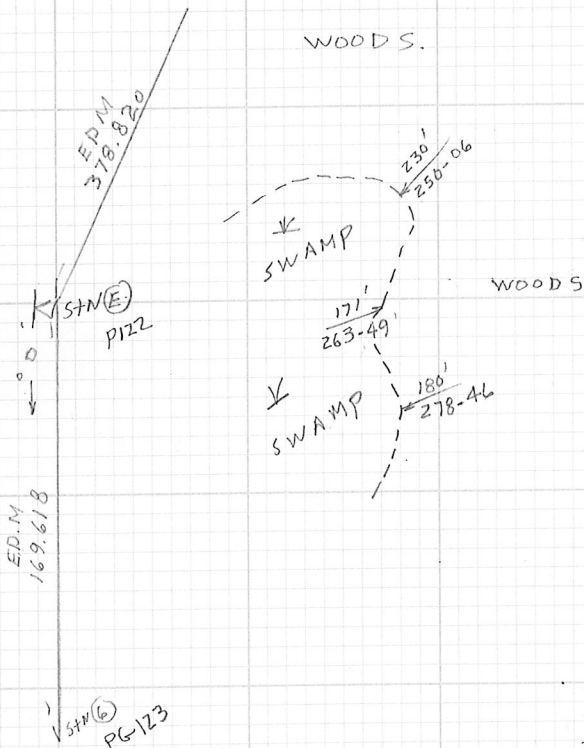
Tape

Wthr & Temp.

Date

Crew

NOV 87

PRSCO
leBARD
SULLIVAN

Plotted CTR
Plotted 1/17/96 CR

SITE #9

FRANKLIN

125

Inst.

Tape

Wthr & Temp.

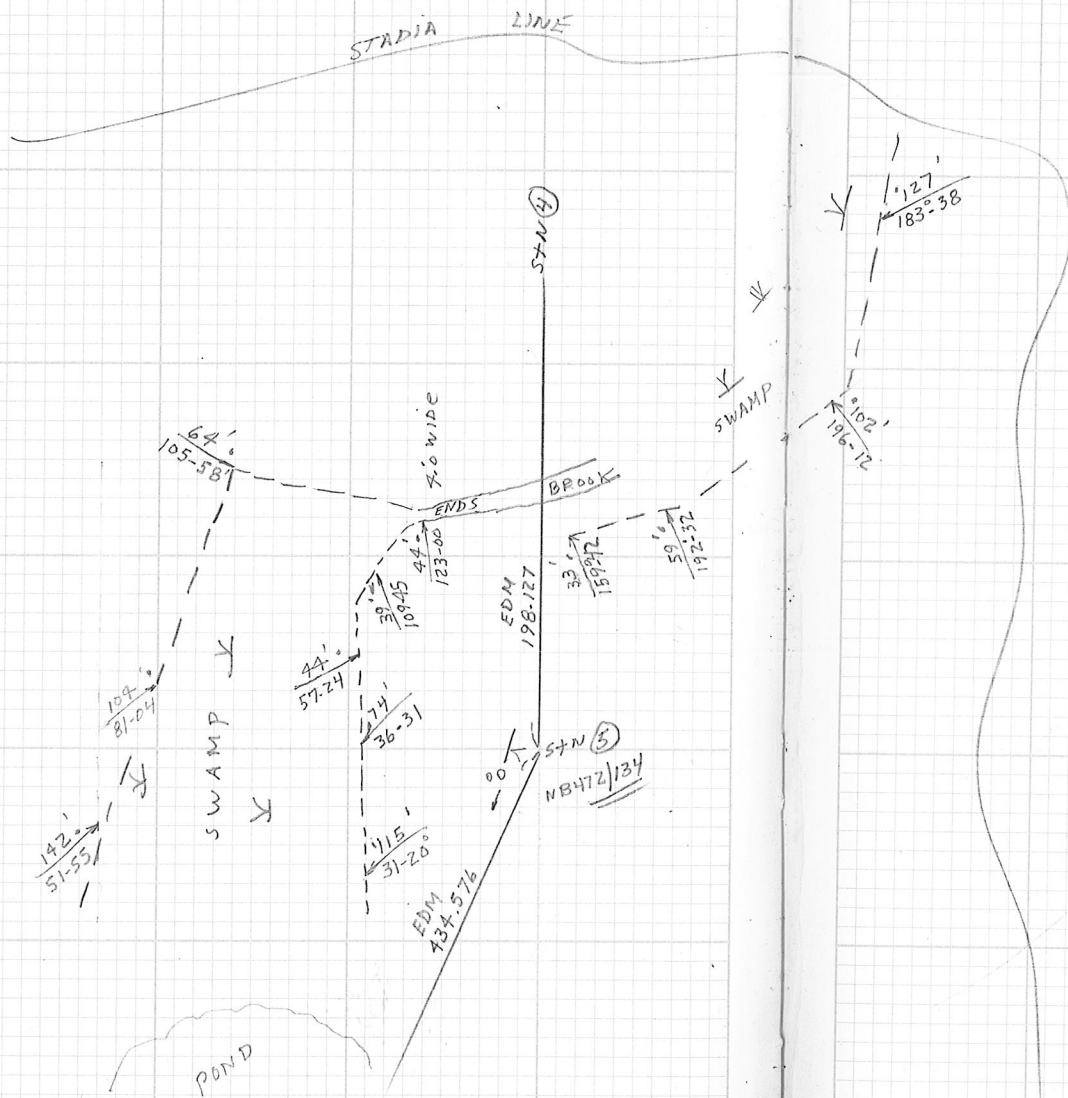
Date

Crew

126/ SWAMP LOCATIONS
 Inst. 484 Tape Wthr & Temp. Date Crew

WELL SITE #9 FRANKLIN
 Inst. 3 Tape ROD Wthr & Temp. Date
 NOV 87

127
 Crew
 PRISCO
 LeBeau
 SULLIVAN



Plotted CTR
 plotted 1/17/86 CTR

128

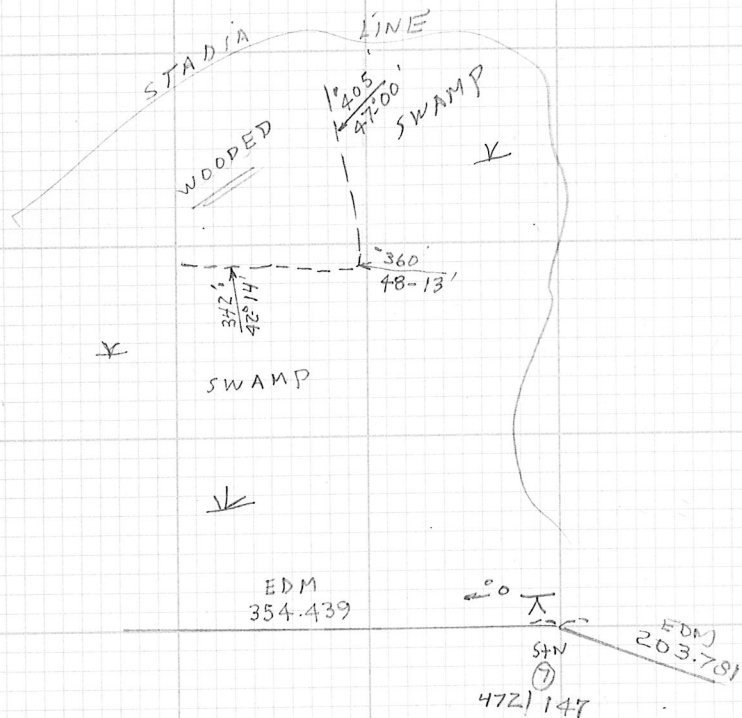
SWAMP LOCATIONS

Inst. 484 Tape

Wthr & Temp.

Date

Crew



Plotted CTR
Plotted 7/17/96 CTR

WELL

Inst. #3

SITE #9

Tape

Rod

Wthr & Temp.

cloudy

FRANKLIN

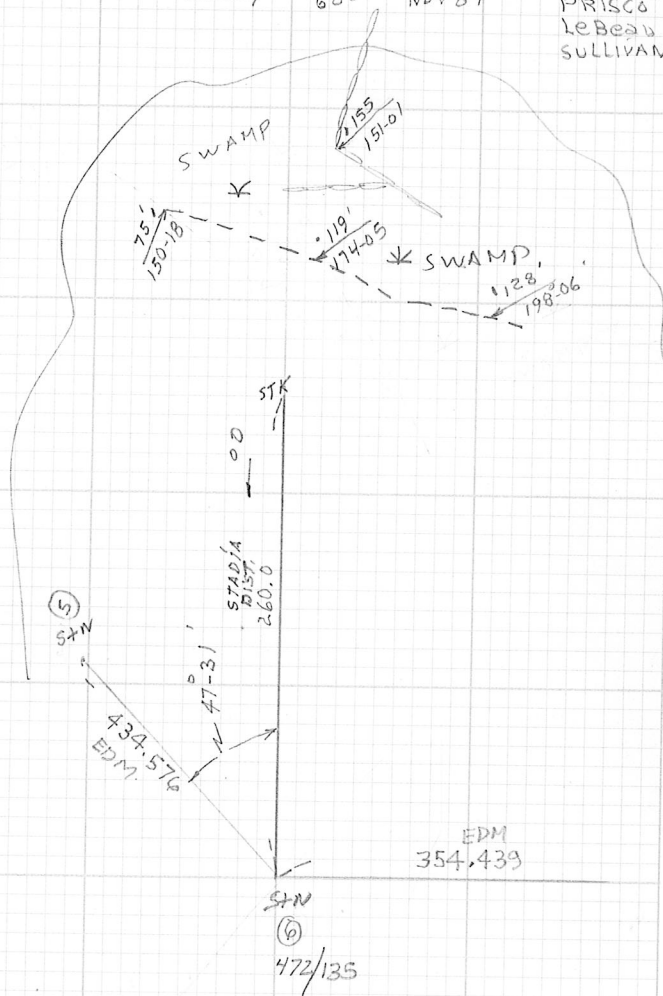
Date

NOV 87

Crew

PRISCO
LeBeau
SULLIVAN

129



Plotted CTR
Plotted 7/17/96 CTR

130/484

Inst.

Tape

Wthr & Temp.

Date

Crew

131

Inst.

Tape

Wthr & Temp.

Date

Crew

132

WALL
Inst. #484 TapeLOCATIONS
Wthr & Temp.WELL
Date Crew

EAST CENTRAL ST

SPK
⑧EDM
1335.623IX 54-13-00
108-25-30
54-12-45

T 38°

STN
SET17.11
54.34
71.45

54-12-50"

EDM
334.439STN
⑥ NB 472/136STN
⑦

NB 472/136

Plotted 1/17/60 CR

133

SITE #9
Inst. #3 Tape VII

FRANKLIN

Wthr & Temp.

Cloudy 38°
: RAIN ** ↓Date
NOV 19, 87Crew
PRISCO
Le Beau
SULLIVANIX 78-00-00
ZX 156-00-00
78-00-00STN
SETSTN
SETIX 93-17-00
ZX 190-35-00
95-17-30EDM
1335.623

STN ① NB 472/136

STN ① 472/156

T 38°
62.61
45.11
107.72
0.02
107.74

107.74

96.12

134 WALL

Inst. 4/24 Tape

LOCATIONS

Wthr & Temp.

Date

Crew

AGS Z-B @ S+N (5B)

TARGET @ S+N (6)

T 50°

BAR 29.7

OFFSET - 30

YA 89-21-57

270-36-42

359-58-39

USE 89-22-37

T 38°

73.91

+ 60.23

134.14

03

134.11

GTS Z-B AT S+N (5A)

TARGET AT SPK STUMP (5B)

TEMP 50°

BAR 29.7

OFF - 30

YA 89-56-26

270-02-86

359-59-02

USE 89-56-55'

S.D. 247.890

H.D. 247.890



WELL

Inst.

Tape

SITE #9 FRANKLIN

Wthr & Temp.

Date

Crew

GTS Z-B.

P.C.

50°

FRI 13TH NOV 87

PRISCO

SNOW

COVER 8"±

Le Beau

SULLIVAN

ANGLE S+N (5A) SPK STUMP - S+N

D 0-00-00"

D 45-16-30"

R 180-00-00"

R 325-16-24"

OK 11/95

97-56-21"

OK 11/95

1780

97-56-21"

OK 11/95

1780

97-56-21"

OK 11/95

1780

97-56-21"

OK 11/95

1780

97-56-21"

OK 11/95

1780

97-56-21"

OK 11/95

1780

97-56-21"

OK 11/95

1780

97-56-21"

OK 11/95

1780

97-56-21"

OK 11/95

1780

97-56-21"

OK 11/95

1780

97-56-21"

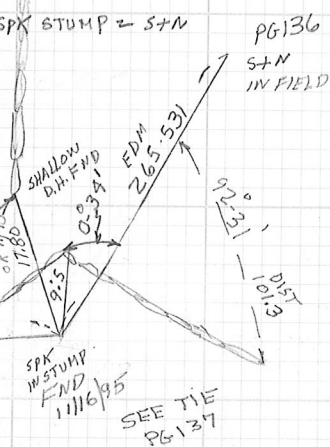
OK 11/95

1780

97-56-21"

OK 11/95

1780



GTS Z-B @ SPK STUMP

TARGET @ S+N 5A PG134

TEMP 50°

BAR 29.7

OFFSET - 30

YA 89-32-04

270-26-42

359-58-46

USE 89-32-41

S.D. 247.885

H.D. 247.877

GTS Z-B @ SPK STUMP

TARGET @ S+N ABOVE

DATA SAME

YA 88-53-39

271-04-56

359-58-35

USE 88-54-21

S.D. 265.585

H.D. 265.537

136/484

Inst.

GTS Z-B.

Tape VII

Wthr & Temp.

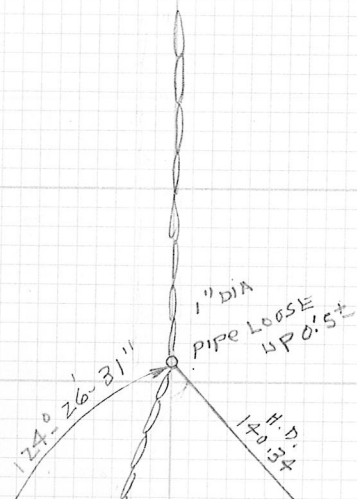
SUNNY

50°

Date

11/13/87

Crew



D. 0°
IX 124° 26' 20"
R 180° 00' 00"
Z X 304° 26' 42"

88-58-35

88.26

T 53°

74.38

65.97

140.35

01

140.34

5" N FND LOOSE
REPLACED
PG 135 11/16/95

GTS Z-B @ 5" N

TARGET @ SPK IN STUMP

TEMP 50°

BAR 29.7

OFFSET - 30

YA 91° 06' 24"

268-52-42

359 59-06

NSE 91° 06' 51"

S.D. 265.575

H.D. 265.525

E.D.M.
265.531D.H. SET FOR TIE
BEDSTONE88.26
5" N
135.588

WELL SITE #9

TRANSLIN

Inst.

#4

Tape

ROD

Wthr & Temp.

CLOUDY 36°

Date

11-27-87

Crew

LEBEAU

LEONE

SULLIVAN

REPLACED
5" N PAGE 136

D.H. SET
ON LINE 11/16/95

FND 11/16/95

SPK IN STUMP
PAGE 135

166.77

⑤

5" N ⑤A

PAGE 134

267.754

⑥

Plotted 12/1/87
CTR

138/484

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

139

140/ BENCH
Inst. Tape
/484

FOR WELL SITE #9
Wthr & Temp. Date Crew

STAE OFFSET	+	HI	-	ELEV	ADS
EAST CENTRAL STREET	3.24	294.49		291.25	
	0.76	291.94	3.31	291.18	
	4.47	290.91	5.50	286.44	
	3.56	289.86	4.61	286.30	
	2.89	287.66	5.09	284.77	
	2.18	285.20	4.64	283.02	
	1.25	279.73	6.72	278.48	
	2.63	277.07	5.29	274.44	
			1.02	276.05	

CHECK RUN

	+	HI	-	ELEV	ADS
	3.26	289.56		286.30	
	3.45	286.81	6.20	283.36	
	3.96	285.32	5.45	281.36	
	1.59	280.13	6.78	278.54	
	2.66	277.07	5.72	274.41	274.42
			1.05	276.02	276.04
			4.0	273.1	

OFF EAST CENTRAL ST. FRANKLIN 141
Inst. Tape Wthr & Temp. Date Crew
LEVEL ROD SUNNY 53° NOV 87
PRISC
Le Beau
SULLIVAN

REMARKS

U.S.C. & GS DISK 17CK ELEV(291.25) @ CROSS ST NB 205/55
B.M. R.O.C. GRAN PLATT. APT. # 190 (291.16) NB 205/55
B.M. L.O.C. BOT CONC STEP HSE #230 ELEV(286.44)
B.M. L.O.C. BOT CONC STEP HSE #244 ELEV(286.29)
T.P. SPK Pole # 566
T.P. SPK on Line Wood Post
T.P. STN (3)
B.M. SPK 10" D
BM SPK 2-20" O'S LOCATION NB 472/150

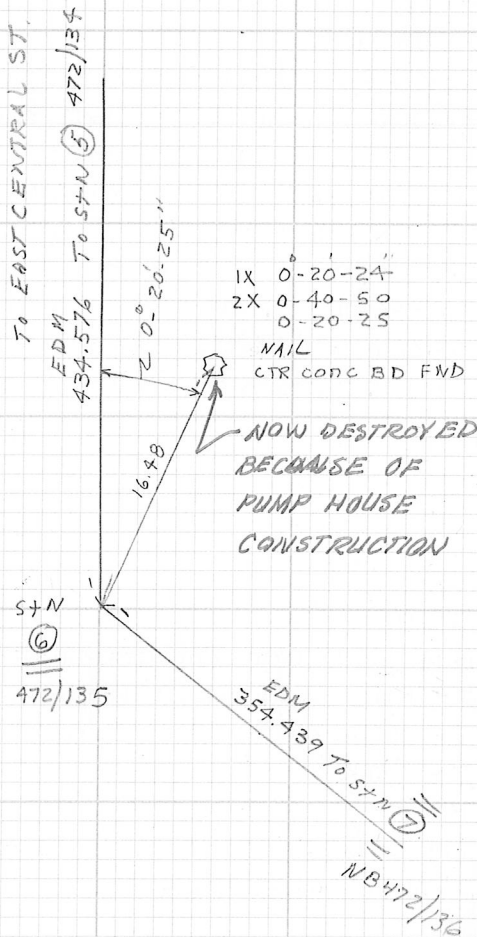
REMARKS

B.M. L.O.C. BOT CONC STEP HSE #244 SEE ABOVE
TP ROC GRANITE HEADER
TP NWLY CORNER CONC. BASE (OLD LIGHT POST)
TP STK
BM SPK 10" OAK
BM SPK 2-20" OAKS LOCATION NB 472/150
GRND @ TEST SITE

142 PROPERTY AND HIGHWAY BD.

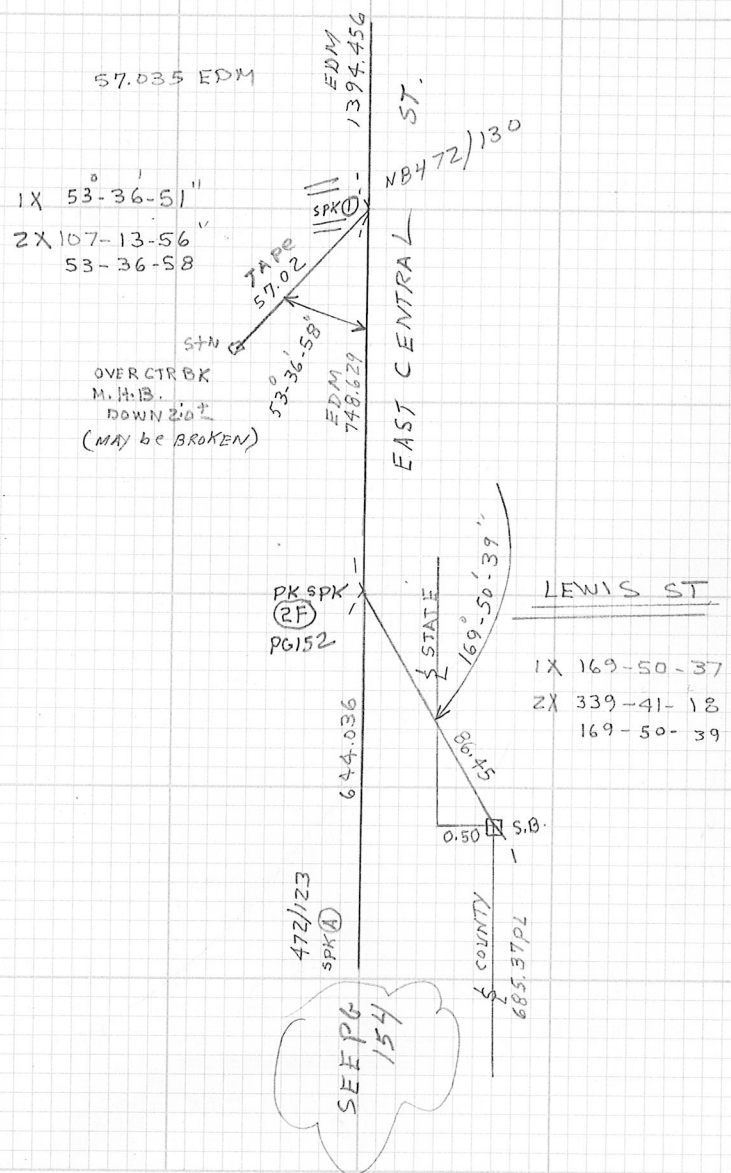
Inst. Tape Wthr & Temp. Date Crew

484

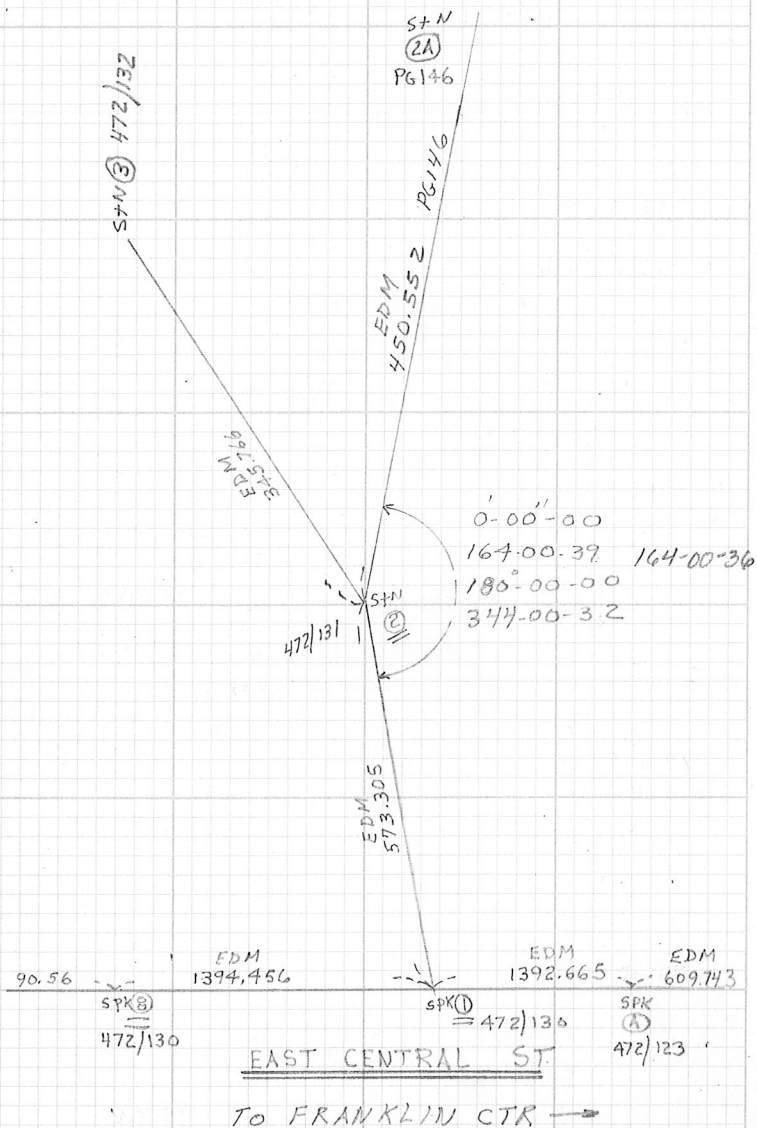


143 LOCATIONS WELL SITE #9 EAST CENTRAL ST. 143

Inst. Tape Wthr & Temp. Date Crew
GTS-2B #7 P.C. 45° 1/19/88 FRANK PRISCO
LEBRO
SULLIVAN



144 PROPERTY COR. LOCATIONS FOR
Inst. 484 Tape Wthr & Temp. Date Crew



WELL SITE #9 EAST CENTRAL ST. FRANKLIN 145
Inst. Tape Wthr & Temp. Date Crew

GTS Z-B @ STN 2A TARGET @ STN 2A

TEMP
BAR 30.0
OFFSE -30

VA 90-16-24
269-42-53
359-59-17

S.D. 450.555
H.D. 450.550 ✓

USE 90-16-45 ✓

AVE = 450.552

GTS Z-B @ STN 2A TARGET @ STN 2A PG 144

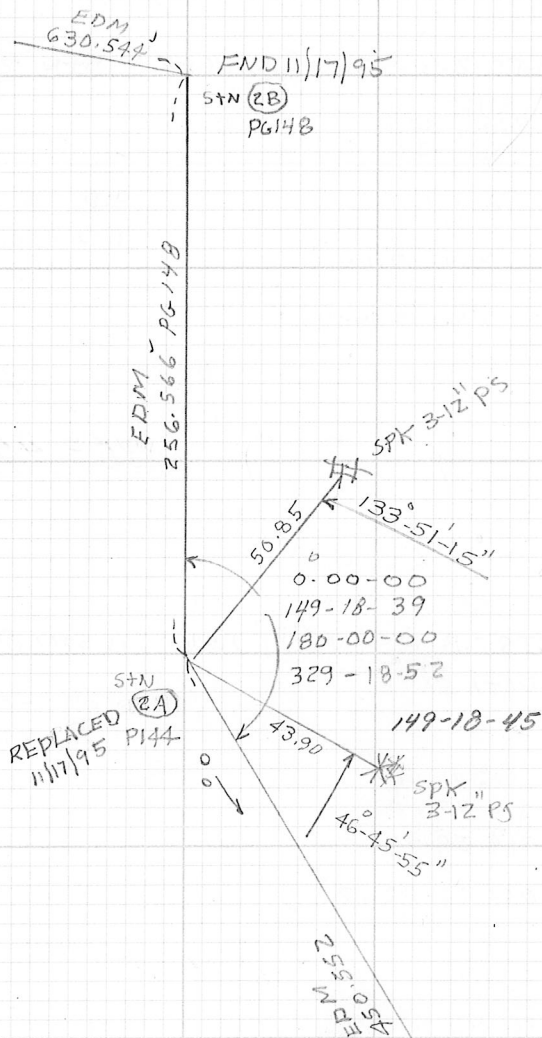
DATA SAME

S.D. 450.560
H.D. 450.554 ✓

NA 89-41-44
270-17-10
359-58-54

USE 89-42-17 ✓

146 PROPERTY COR LOCATIONS FOR WELL
Inst. Tape Wthr & Temp. Date Crew
484



SITE #9 EAST CENTRAL ST FRANKLIN 147
Inst. Tape Wthr & Temp. Date Crew
GTSZ-8 P.C. 31° JAN 88 PRISC
CROWLEY
GAREW

GTS Z-B @ STN (2A) PG146 TARGET @ STN (2A) PG144

TEMP 31
BAR 30.5
OFFSET-30

S.D. 256.580

H.D. 256.563 ✓

VA 90° 39' 03"
269-19-36
359-58-39
USE 90-39-43 ✓

AVE = 256.566

GTS Z-B @ STN (2B) ABOVE TARGET @ STN (2A) PG146

TEMP 31°
BAR 30.5
OFFSET-30

S.D. 256.585

H.D. 256.569 ✓

VA 89-20-30
270-38-21
359-58-51
USE 89-21-04 ✓

148/PROPERTY COR LOCATIONS FOR WELL SITE
 Inst. Tape Wthr & Temp. Date Crew

484

NB 509/46

282.81

EDM
311.305

STN (2C)

REPLACED

11/17/95

CABLE EASEMENT

EDM OK
630.544 PG150

0°-00'-00"

132-28-39

180-00-00

312-28-30

132-28-34

SPK 2" D

38-06-15

EDM
256.566

32.77

END 11/17/95

STN (2B)

28.49

71°-28'-00"

SPK 16" P

#9 EAST CENTRAL ST FRANKLIN

Inst.

Tape

Wthr & Temp.
P.C. 31°

Date
JAN 88

Crew

PRISCO
ICBEAD
CAREW
SULLIVAN

GTS Z-B @ STN (2B) PG148 TARGET @ STN (2C) PG148

TEMP 31
BAR 30.0
OFFSET -30

S.D. 630.570

H.D. 630.544[✓] PG148

VA 90-30-33

269-28-12

359-58-45

USE 90-31-10[✓]

GTS Z-B @ STN (2C) PG148 TARGET @ STN (2D) PG150

TEMP 35
BAR 30.2
OFFSET -30

VA 89-28-24

270-30-18

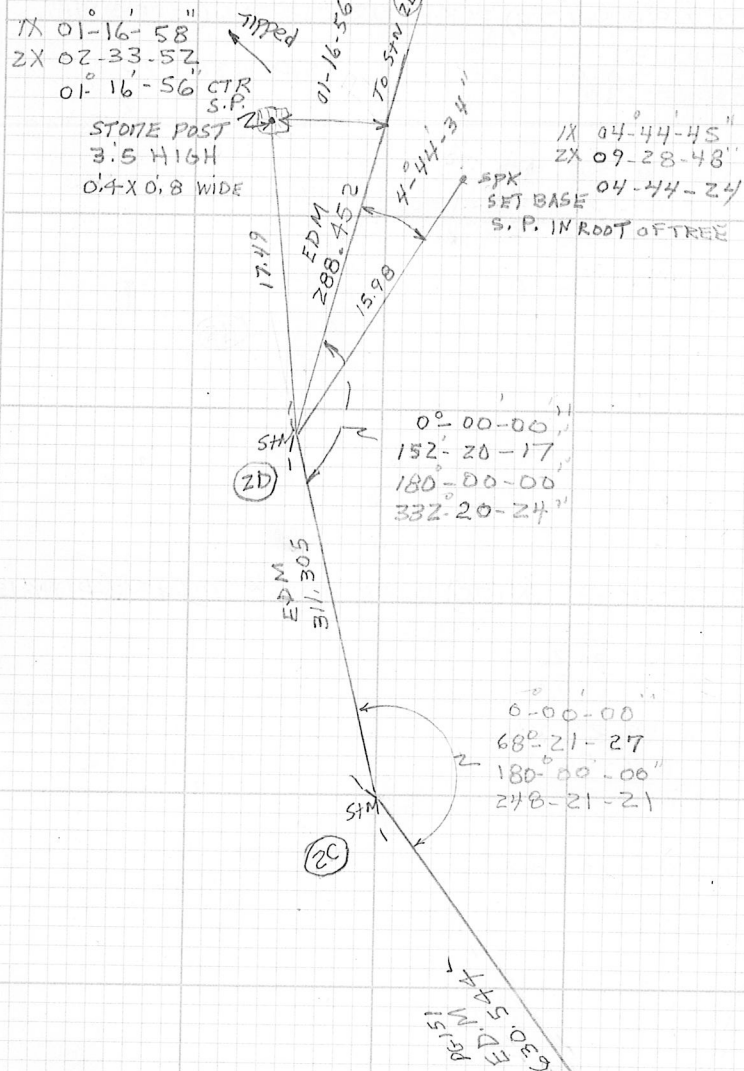
359-58-42

S.D. 311.325

H.D. 311.312[✓]

USE 89°-29-03[✓]

150/PROPERTY COR LOCATIONS FOR WELL
Inst. 484 Tape Wthr & Temp. Date Crew



SITE #9 EAST CENTRAL ST FRANKLIN

Inst. Tape Wthr & Temp. Date Crew
JAN 12, 88 PRISCO
15"± LEBEAU
SNOW CAREW
COVER SULLIVAN

GTS Z-B @ STN (2C) PG 150 TARGET @ STN (2D) PG 150

TEMP 35°
BAR 30.2
OFFSET -30

VA 270-27-12

89-31-16

359-58-28

USE 89-32-02✓

S.D. 630.565

H.D. 630.544✓

(PG 148)

GTS Z-B @ STN (2D) PG 150 TARGET @ STN (2C) PG 150

DATA TEMP 35

BAR 30.2

OFFSET -30

VA 90-29-09

269-29-45

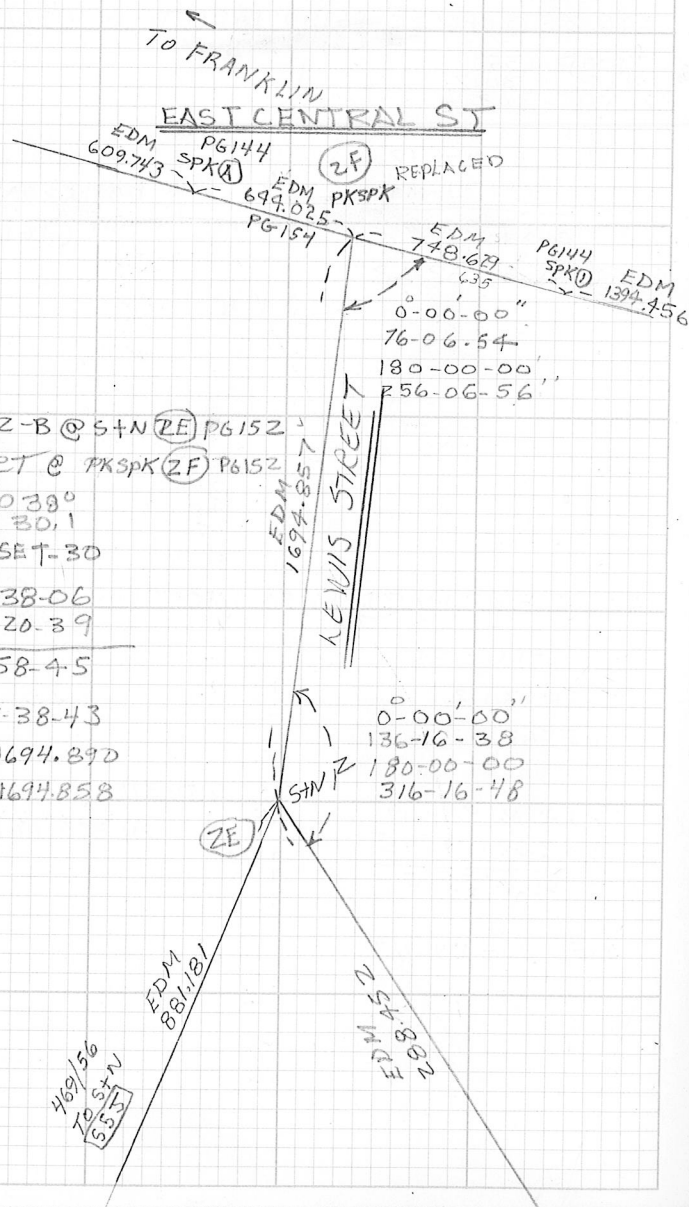
359-58-54

USE 90-29-42"

S.D. 311.310

H.D. 311.290 PG 150

152/PROPERTY COR. LOCATIONS FOR
Inst. 484 Tape Wthr & Temp. Date Crew



GTS Z-B @ STN (ZE) PG152

TARGET @ PKSPK (ZF) PG152

TEMP 39°

BAR 30.1

OFFSET -30

VA 89-38-06

270-20-39

359-58-45

USE 89-38-43

S.D. 1694.892

H.D. 1694.858

WELL SITE #9 EAST CENTRAL ST FRANKLIN 153
Inst. GTS Z-B Tape RC Wthr & Temp. 35° Date JAN 2, 88 Crew PRISCO, LEBESCU, CAREW, SULLIVAN

GTS Z-B @ STN (2D) TARGET @ STN (ZE) PG150

TEMP 35

BAR 30.2

OFFSET -30

S.D. 288.465

H.D. 288.465 ✓

VA 89-53-57

270-04-45

359-58-42

USE 89-54-36

GTS Z-B @ SPK (1) PG152 TARGET @ SPK (ZF) PG152

TEMP 38°

BAR 30.1

OFFSET

VA 89-47-39

270-10-54

359-58-33

USE 89-48-22

S.D. 748.645

H.D. 748.641 ✓

GTS Z-B @ SPK (ZF) PG152 TARGET @ SPK (1) PG152

TEMP 38°

BAR 30.1

OFFSET -30

VA 90-10-27

269-48-12

359-58-39

USE 90-11-07

S.D. 748.620

H.D. 748.616 ✓

GTS Z-B @ SPK (ZF) PG152 TARGET @ STN (ZE) PG152

TEMP 38°

BAR 30.1

OFFSET -30

VA 90-20-51

269-37-30

359-58-21

USE 90-21-40

S.D. 1694.890

H.D. 1694.856 ✓

GTS @ STN (ZF) PG152 TARGET @ STN (2D) PG150

TEMP 38°

BAR 30.1

OFFSET -30

VA 90-02-54

269-56-06

359-59-00

USE 90-03-24

S.D. 288.440

H.D. 288.440 ✓

154

S.B. LOC. EAST CENTRAL ST WELL SITE #9

Inst. 484 Tape

Wthr & Temp.

Date

Crew

1/19/88

GTS 2-B @ SPK (A)

TARGET @ PK SPK (ZF)

TEMP 48° S.D.
BAR 22.9 H.D.
OFFSET

VA 90-13-30

269-45-15

359-58-45

90°-14-07

S.D. 644.030

H.D. 644.025

PK
SPK
(ZF)
P6152

EAST CENTRAL ST

SPK
(A)
P6152EDM
609.743EDM
644.025

LEWIS ST

1X 26-17-00'
2X 52-33-57
26-16-58

26-16-58

54.39

110°-18-48"

39.65

UNCAS AVE

D.H.
S.B.(Looks tipped
per AFP)1X 140-18-40'
2X 280-37-37
140-18-48MGS17CK
472/23

155

Inst.

Tape

Wthr & Temp.

Date

Crew

156

WALL LOCATIONS WELL SITE #9

Inst. Tape

Wthr & Temp.

Date

Crew

GTS Z-B @ SPK ①

TARGET @ SPK P.O.L.

TEMP 38°
BAR 29.8
OFFSET -30

VA 90-13-54"

269-45-06

359-59-00

USE 90-14-24

S.D. 549.180

H.D. 549.175

EAST CENTRAL ST

GTS Z-B @ SPK P.O.L.

TARGET @ SPK ①

DATA SAME

VA 89-47-33
270-11-06

359-58-39

89-48-13

S.D. 549.180

H.D. 549.177

SPK ①

472/130

To SPK ②

2F

66152

EDM

748.629

472/130

472/130

472/130

472/130

472/130

472/130

90.58

84.5.280

84.5.266

84.5.266

84.5.266

84.5.266

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VA 90-39-48

269-19-03

359-58-51

USE 90-40-22

S.D. 268.430

H.D. 268.411

0-00-00

97-12-15

180-00-00

277-12-05

USE 97-12-10

OK
NOV 95

90.44

STONE RET
WALL

PIERCE CHEVY

EAST CENTRAL ST FRANKLIN

Inst.

Tape

Wthr & Temp.

Date

Crew

JAN 88

PRISCO
Le Beau
SULLIVANGTS Z-B @ SPK P.O.L.
TARGET @ Z.P.

DATA SAME

VA 90-31-06"

269-27-54

359-59-00

USE 90-31-36

S.D. 638.975

H.D. 638.948

TOTAL E.D.M. 638.947
EDM 370.556

CALL 370.536

GTS Z-B @ SPK P.O.L. TARGET @ I.P.

DATA SAME

VA 90-16-09

269-42-42

359-58-51

USE 90-16-43

S.D. 370.560

H.D. 370.556

VA 89-24-12

270-34-30

359-58-42

USE 89-24-51

SD 638.980

HD 638.947

END OF WALL

END NOV 95
I.P. UP 0.2'

END OF WALL

158/484

Inst. Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

159

160/484

Inst.

Tape

Wthr & Temp.

Date

Crew

SPK
FW38
Gone
112.063
170.551

SPK (A)
P.O. FWD
472/138

EAST CENTRAL ST

H.D
334.015

SPK
online

282.560

180-00

FW-3-A PG16

90.58

SPK
FW3
NE 472/136