

490

W. T. DYNE

410

CROSS SECTION BOOK

F.B. 490

Property of NORFOLK COUNTY

ENGINEERS DEPT.

Address 650 HIGH ST. DEDHAM, MASS

REGISTRY OF DEEDS BLDG.

Telephone 617-461-6129

INDEX

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

Inst.

Tape

Wthr & Temp.

Date

Crowl

CHECKING
LOCATIONS
OF W.G.
AND GAS
GATE

4/24/87

BEAVER ST.

X48+0

X

13

X47+50

P.C. = 47+68.89

20.5

+57

Gas Gate
4" Dia.

21'

W.G. +51
8" Dia.

BUENA
VISTA
DR.

36 2 BEAVER ST. & FRANKLIN

Inst.

Tape

Vol. 1

Date

Crew

2/11/87

+4.89

255.85

R=5.46
250.39 DIRT

R=5.29
ON ASP. COR. BLDG.

Asp.

R=5.48
250.37

R=6.68
250.17

R=5.51
250.34

R=5.39
250.46

R=5.29 @
R=4.84 ON

R=5.66 LOW POINT
250.19

R=5.33
250.52

+5.19

257.19

CROSS SECTIONS

Inst.

Tape

Wthr & Temp.

Date

Crew

#3

T=25.5° Windy
Cold

2/13/87

SIMPSON
GENITTI
KELLY

490/3

B.M. CHS. SQ. R.O.C. CONC.

STEP MAIN ENT. TO #343 ELEV: 250.96

N.B. 488 9.60

#343

R=5.30
ON CONC.
250.55
R=5.33
ON CONC.
250.52
R=5.37
ON CONC.
250.49
R=4.90
ON TOP BERM
250.95
R=5.35 @ BERM
250.50

B.M.

R=4.89 ON
250.96
R=5.33 @
250.52

5.5

R=5.63
250.22
LOW POINT

R=5.60
250.25
LOW POINT

R=5.55
250.30
LOW POINT

R=5.13
250.79

R=5.22
250.63

R=4.96
250.89

-3.85 = 252.00
T.P. HI-POINT CONC. WALL

4 BEAVER ST. FRANKLIN

Inst.

Tape

Wthr & Temp.

Date

Crew

2/13/87

257.19

	ON WALL	@ CONC. WALL	
42+66.17	37	37	30
Lt. side	5.10	6.0	6.0
	252.09	251.2	251.2

	RIM D.M.H.	
D.M.H. Lt.	10	0
42+75	5.78	5.22
	251.41	251.97

C.B. Lt.
42+87.5

	ON WALL	@ CONC. WALL	±	ON BK. BEAM	@ BEAM
42+92.26	37.5	37.5	25	21	20
	5.25	6.2	5.9	5.74	6.02
	251.94	251.0	30	251.45	251.11
		6.0			
		251.2			

	ON WALL	@ CONC. WALL		
43+0	38	30	30	25
	5.35	6.0	6.0	5.9
	251.84	251.2	251.2	251.3

	ON WALL	@ WALL	
43+25	39	39	30
	4.86	5.9	5.8
	252.33	251.3	251.4

CROSS-SECTIONS

Inst.

Tape

Wthr & Temp.

Date

Crew

490/5

2/13/87

SIMPSON
GENITTI
KELLY

FROM Bot. Pg. 2

	ON BERM	@ Asp. Berm Gutter Line			
	26	24.5	19.5	10	0
	6.07	6.41	6.23	5.80	5.34
	251.12	250.78	250.96	251.39	251.85

SEE PAGES 12 THRU 15 FOR
VARIOUS RT. SIDE X-SECTIONS STATIONS
43+92 to 45+0

	RIM		
	E BK. OF C.B.		
	19	10	0
	6.30	5.50	5.18
	250.89	251.69	252.01
	18	10	0
	5.98	5.58	5.14
	251.21	251.61	252.05

	ON BERM	@ BERM			
	20.5	20	18	10	0
	5.58	6.05	5.98	5.58	5.02
	251.61	251.14	251.21	251.61	252.17

	ON BERM	@ BERM Gutter			
	25	20	19.5	18	10
	5.4	5.40	5.63	5.74	5.55
	251.8	251.74	251.56	251.45	251.64
					252.19

6 BEAVER ST. $\approx$ FRANKLIN

Inst.

Tape

Wthr & Temp.

Date

Crew

2/13/87

SIMPSON
GENITI
KELLY

257.19



Edge CONC. DR. Lt.

43+4.5

USED $\frac{1}{2}$ AND Edge
CONC. DRIVE AND PRISM
FOR OBTAINING THIS
STATION

ON Edge
DRIVE
35

5.26

251.93

+ 8.60

259.56



43+50
ALSO ON CONC
DRIVE Lt.

35

7.40

252.10

← ALONG Edge

35

7.36

252.20

30

7.41

252.15

43+52
Edge CONC.
Dr. Lt.

CONC. WK.
Lt.

43+68

35

7.28

252.28

CONC.

30

7.35

252.21

25

7.48

252.08

CROSS-SECTIONS

Inst.

Tape

Wthr & Temp.

Date

Crew.

490/7

Edge
CONC. DRIVE

Asp. Apron

25

ALSO
ON
CONC.
DRIVE

22

20

18

10

0

5.33

5.37

5.53

5.50

5.37

5.02

251.86

251.82

251.66

251.69

251.82

252.17

- 0.68

256.51 $\stackrel{OK}{=}$ SPK. IN Pole
#22 BEAVER ST.
N.B. 488 Pg. 60 & 61

B.M. CHIS. SQ. #343 ELEV. = 250.96 Pg. 3

ON CONC. DR.

Asp. Apron

Butter

30

25

21.5

19.5

18

10

0

7.44

7.53

7.60

7.75

7.75

7.67

7.35

252.12

252.03

251.96

251.81

251.81

251.89

252.21

CONC. Drive

ON CONC. Asp. Apron

25

21.5

19.5

18

10

0

7.52

7.54

7.70

7.73

7.65

7.36

252.04

252.02

251.86

251.83

251.91

252.20

ON CONC. Asp. Apron

22

20.5

18

10

0

7.51

7.64

7.65

7.56

7.32

252.05

251.92

251.91

252.00

252.24

8 BEAVER ST. & FRANKLIN

Inst.

Tape

Wthr & Temp.

Date

Crew

2/17/87

259.56

35

30

7.2

7.2

252.4

252.4

← CONC. W.K.

35

30

25

7.09

7.14

7.16

252.47

252.42

252.40

+ 5.48

260.14

GRASS.

35

7.9

252.2

← GRASS

35

30

25

20

8.3

8.0

7.9

7.6

251.8

252.1

252.2

252.5

SHROBS ETC.

35

30

25

8.0

7.8

7.5

252.1

252.3

252.6

CROSS-SECTIONS

Inst.

Tape

Wthr & Temp.

Date

Crew

2/17/87

W. SIMPSON
D. GENI H.
E. KELLY

GRASS

ETW

25

19

18

10

0

7.3

7.60

7.58

7.50

7.29

ON CONC. ASP. APRON

252.3

251.96

251.98

252.06

252.27

22

19.5

18

10

0

7.21

7.39

7.40

7.37

7.19

252.35

252.17

252.16

252.19

252.37

-4.90 T.P. HI-POINT STONE

254.66

GRASS

GRASS

ETW

ETW

30

25

18

10

3

0

7.8

7.7

7.99

7.88

7.73

7.69

252.3

252.4

252.15

252.26

252.41

252.45

GRASS →

ETW

18

17.5

10

ETW

1.5

0

7.8

7.77

7.64

7.49

7.49

252.3

252.37

252.20

252.65

252.65

20

ETW

18

10

ETW

1

0

7.4

7.52

7.35

7.20

7.20

252.7

252.62

252.79

252.94

252.94

10 BEAVER ST. FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

260.14



44475
LEFT

35 30

6.3 6.3

253.8 253.8

35 30 25

5.96 6.18 6.44

254.18 253.96 253.70

GRASS

35 30 25

5.8 5.9 6.1

254.3 254.2 254.0

AT AND ON WALL ON CORNER WALL AT COR. RET. WALL ON GROUND

45410 35 30 27.3 27.3 25

AT & ON CONC. RET. WALL LT. 6.24 6.33 6.39 6.8 6.7

253.90 253.81 253.75 253.3 253.4

ON DRIVE AT FACE WALL ON DRIVE @ WALL COR.

35 30 27.3

8.36 7.71 7.32

251.78 252.43 252.82

ON TOP EDGE WALL AT DRIVEWAY EDGE

35 30 27.3

6.29 6.39 6.46

253.85 253.75 253.68

45411 (LEFT)
ON AND AT FACE CONC. RET. WALL & ASP. DRIVE

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

490/11
2/17/87 W. SIMPSON
D. GONITHI
E. KELLY

GRASS

ETW

25 20 18 10 1 0

6.5 6.8 7.08 6.98 6.89 6.91

253.6 253.3 253.06 253.16 253.25 253.23

22.5 20 18 10 1 0

6.54 6.77 6.77 6.66 6.54 6.56

253.60 253.37 253.48 253.60 253.58 253.58

37 48 66

20 19 18 10 1 0

6.7 6.79 6.77 6.65 6.50 6.53

253.4 253.35 253.39 253.49 253.64 253.61

Asp. Dr. 7

20 19 18 10 1 0

6.77 6.70 6.75 6.53 6.35 6.35

253.37 253.44 253.39 253.61 253.79 253.79

Gutter

25 24 22 20 1 0

6.98 6.88 6.91

253.16 253.26 253.23

Edge Asp. Dr. Edge Asp. Drive

SAME AS ABOVE

256.53

-3.61

T.P. SPK. IN POLE #22 N.B. 488

USE 256.51 Pg. 60-61

Pg 7 THIS BOOK

12 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

+10.13

261.09

END ASP.
CURB RT.

43+92

0

10

@ FACE
OF END CURB

16.5

ON TOP
FACE OF CURB

16.8

8.71

8.65

8.75

8.34

252.38

252.44

252.34

252.75

RT.

44+0

0

10

ETW

16

21

8.64

8.72

7.2

252.45

252.37

253.9

44+03.5

AT AND ON

COR LANDSCAPE
TIMBER RT.

0

10

ETW.

16.5

8.65

8.77

252.44

252.32

44+13

C.B. RT.

W/CONC. HEADER

0

10

EBK RIM
OFC.B.

17

8.53

8.65

9.20

252.56

252.44

251.89

GUTTER

15.5

8.81

252.28

44+25

RT

0

8.44

252.65

8

8.54

252.55

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

490/13.50

B.M. CHS. SQ. #343

ELEV. 250.96

498/60

Pg. 3 THIS BK.

W. SIMPSON

D. Genitt

E. Kelly

AT AND ON

BACK OF CURB

ON GROUND

17.2

20

25

8.34

7.8

6.7

252.75

253.3

254.4

@ + ON LANDSCAPE TIMBER

28.5

6.34

254.75

ON GROUND
AT COR.

22.5

7.0

254.1

ON COR. OF TIMBERS

22.5

6.66

254.43

(ANGLE POINT
COR. OF PARKING
LOT)

ON CONC.
HEADER

17

8.62

252.47

BK. HEADER
AND ON ASP. PAVEMENT

17.5

8.62

252.47

RANDOM SHOT
ON ASP.

21

7.58

253.51

ON SLOPE

20

7.3

253.8

14 BEAVER ST. FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

2/19/87
261.09

↑

44+50 Rt.

ALSO Edge Asp.
ENT. (CALL)

0

9

ETW

ON
DIRT

16

19.5

8.24

8.37

8.1

252.85

252.72

253.0

44+91

AT AND
ON LANDSCAPE
TIMBERS Rt.
AT ANGLE PT.

0

10

ON
ASP.

16

7.60

7.82

7.92

253.49

253.27

253.17

44+98
END TIMBERS
Rt.

0

10

ETW

16.5

7.57

7.74

7.93

253.58

253.35

253.16

45+0
~~45+50~~
Rt.

0

10

ETW

16.5

7.70

7.88

253.39

253.21

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

490/15
2/19/87
SIMPSON.
GENITTI
KELLY

Edge Asp.
PARKING. ON Asp

23

25

7.57

7.40

253.52

253.69

AT LANDSCAPE
TIMBERS ON
20 Asp.

ON
TIMBERS
20

7.90

5.97

253.19

255.12

AT END
TIMBERS ON
20 GROUND

ON
TOP END OF
20 TIMBERS

7.92

6.02

253.17

255.07

20

25

7.30

6.0

253.79

255.1

4.60

256.49 T.P. SPK. Pole #22
USE 256.51 Pg. 7

16 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

+2.19

258.70



	ON ASP. Dr. AT FACE WALL	ON ASP. AT COR. RET. WALL			
45+22	35	30	26.5	25	23
AT AND ON CONC. RET WALL LT.	6.90	6.29	5.83	5.55	5.35
	251.80	252.41	252.87	253.15	253.35
	ON WALL	ON WALL	ON COR. WALL		
	35	30	26.5		
	4.96	5.02	5.08		
	253.74	253.68	253.62		
AT + ON CONC. RET. WALL LT.	ON GROUND AT WALL	ON GROUND AT WALL	ON GROUND AT COR. WALL		
45+23	35	30	26.5		
	5.1	5.2	5.2		
	253.6	253.5	253.5		
	ON WALL	ON WALL	ON COR. WALL		
	35	30	26.5		
	4.92	4.98	5.08		
	253.78	253.72	253.62		

COR. ASP. Dr.
RT.

45+33

			ETW (Cor. Drive)
	0	10	17
	4.60	4.81	5.06
	254.10	253.89	253.64

45+35

S.M.H. RT.

		RIM S.M.H.
	0	2.5
	4.58	4.61
	254.12	254.09

COR. ASP. Dr. RT.

45+44

			ETW (COR. Drive)
	0	10	17
	4.44	4.65	4.92
	254.26	254.05	253.78

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

490/17

2/20/87

SIMPSON
GENINTI
KELLY

256.51 T.P. SPK. Pole #22

488/60

	H. POINT ON ASP.		Gutter		ETW.
	18.5	18	17.5	10	1
	5.07	5.08	5.18	4.95	4.76
	253.63	253.62	253.52	253.75	253.94

	ON GRASS	AT AND ON Eye Asp. Dr.	SAME AS ABOVE
	25	23	20.5
	5.2	5.2	5.20
	253.5	253.5	253.50

6 (Grass)

25

4.4

254.3

6 (on Asp. Drive)

4.96

253.74

18 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

258.70

	20	18	ETW 16.5	10	ETW 1
45+50	4.7	4.7	4.74	4.54	4.33
	254.0	254.0	253.96	254.16	254.37

	30	25
35	6.1	5.3
6.6		

	TEL. M.H. DIA = 2.6	ON DIRT (GULLY) RIM ELEV.	ETW
45+55	19.5	18	17
TEL. M.H. LEFT	4.68	5.0	4.68
	254.02	253.7	254.02

+7.10 262.37

	25	20	18	17.5	10	ETW 1
45+75	8.5	8.0	8.3	7.99	7.72	7.54
	253.9	254.4	254.1	254.38	254.65	254.83
ROUGH FILL	35	30				
	9.7	8.2				

	35	30	25	20	ETW 18
46+0	7.8	7.8	7.7	7.4	7.59
	254.6	254.6	254.7	255.0	254.78

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

490/19

2/20/87
SIMPSON
GENITTI
KELLY

	0	10	ETW 16	GRASS 25
	4.34	4.56	4.79	4.7
	254.36	254.14	253.91	254.0

	10	1	0
	4.43	4.25	4.25
	254.27	254.45	254.45

-3.43 T.P. & TAG AT STATION 46+0

	0	10	ETW 15.5	20	25
	7.54	7.75	7.91	8.0	8.2
	254.83	254.62	254.46	254.4	254.2

	10	ETW 0	10	ETW 16	GRASS 25
	7.25	7.10	7.19	7.29	7.0
	255.12	255.27	255.18	255.08	255.4

2.2
4.8
7.0

20 BEAVER ST. & FRANKLIN

Inst.

Tape

Wthr & Temp.

Date

Crew

262.37



46+12.5
Edge Asp. Dr.
Rt.

0	10	16	20
6.87	6.93	7.03	6.80
255.50	255.44	255.34	255.57

COR. DRIVE
ETW

46+30
Edge Asp. Dr.
Right

0	10	17	20
6.45	6.53	6.71	6.49
255.92	255.84	255.66	255.88

APPROX COR. DRIVE
ETW

± CONC. RET. WALL LT.

46+34

ON E. WALL	AT E. ON E. WALL	ETW	ETW
35	30	25.5	25
6.22	6.40	6.58	6.6
256.15	255.97	255.79	255.8



INSIGNIFICANT GRADE CHANGE ON

46+50

± FACE WOOD FENCE	ETW	ETW	ETW
35	30	25	17
5.9	5.9	6.1	6.44
256.5	256.5	256.3	255.93

CROSS-SECTIONS

Inst.

Tape

Wthr & Temp.

Date

Crew

490/21^{SC}
2/20/87
SIMMON
GENITTI
KELLY

ON DRIVE

25
6.41
255.96

ON EDGE DRIVE

25
5.97

256.40

23

20

18

ETW

17

10

± T.W

0

6.4

6.6

6.8

6.83

6.57

6.37

256.0

255.8

255.6

255.54

255.80

256.00

EITHER SIDE OF THIS RET. WALL IN VICINITY OF ±

± T.W

ETW

GRASS

0

10

17

25

5.93

6.01

6.30

5.4

256.44

256.44

257.0

257.0

36

256.07

- 1.63

260.74

BOT. CONC. STEP
USE 260.73 47+52; 4.65'

22 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

+ 3.54

264.27

↑

E CONC. W.R. LT.

46+58.5

E.W.K.

35

7.70

256.57

RIM W.G.

20.06

8.08

256.19

RIM W.G. LT.

46+62

Edge Asp. Dr. Rt. E.T.W.

46+73.5

0

10

18

20

7.10

7.23

7.35

7.20

257.17

257.04

256.92

257.07

Edge Asp. Drive Lt.

46+80.5

E.T.W.

0

10

ETW

17

6.65

6.75

6.97

257.62

257.52

257.30

Edge Asp. Dr. Lt.

46+93

35

7.18

257.09

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

490/23

B.M. R.O.C. BOT. CONC. STEP

TO DUPLEX @ 47+52; LT. 65'

ELEV. = 260.73

2/24/87

CREW
SIMPSON
GENITI
KELLY

\$ ON WK.

25

7.85

256.42

ETW

18

8.06

256.21

AT TOP END E

23 CONC. WK

7.86

256.41

10

7.77

256.80

ETW

18

8.09

256.18

10

7.87

256.40

E.T.W.

0

7.59

256.68

ALONG Edge Drive

25

6.97

257.30

35

6.33

257.94

ALONG Edge Drive

35

7.29

256.98

25

7.50

256.77

ETW

18

7.53

256.74

10

7.20

257.07

E.T.W.

0

6.87

257.40

ALONG Edge Drive

25

6.74

257.53

30

6.66

257.61

35

6.40

257.87

ETW

18

7.18

257.09

10

6.85

257.42

E.T.W.

0

6.50

257.77

24 BEAVER ST. & FRANKLIN

Inst.

Tape

Wthr & Temp.

Date

Crew

264.27
▲

D.M.H. Lt.

46+99

RIM D.M.H.

10

6.78

257.49

0

6.35

257.92

ETW

18.5

18

12

6.98

6.94

6.77

257.29

257.33

257.50

4740

35

6.9

257.4

25

6.9

257.4

+1.34

264.21
▲

END SLANTED
GRAN. CURB Rt.

47+03

0

6.16

258.05

10

6.19

258.02

ETW @ END
CURB

18.4

6.42

257.79

47+04.5
E.C.B. Lt.

35

6.6

257.6

25

6.7

257.5

← Edge Drive →

Edge Asp. Dr. Lt.

47+13.5

35

6.01

258.20

30

6.11

258.10

25

6.22

257.99

21

6.12

258.09

RIM D.M.H. Rt

47+17

0

5.60

258.61

RIM OF D.M.H.

10.5

5.69

258.52

CROSS-SECTIONS

Inst.

Tape

Wthr & Temp.

Date

Crew

2/24/87

SIMPSON
GENITI
KELLY

@ 2
Gutter

BK. Edge

GRASS

ETW.

10

18

23

25

35

6.31

6.32

6.50

6.07

6.08

6

257.96

257.95

257.77

258.20

258.19

-1.40 T.P. HYD. SPINDLE (INSIDE LT. P.C. OF
BUENA VISTA DR.)
262.87

ON
END
CURB ON S.W.

18.6

6.29

257.92

22

5.96

258.25

BK. Edge S.W.

25

5.80

258.41

DIMENSIONS E BK. RIM OF
FRAME OF C.B. 2.15' X 2.15' C.B.

18

6.74

257.47

10

6.43

257.78

0

6.11

258.10

APRON AREA → GUTTER

19

6.14

258.07

18

6.21

258.20

17.5

6.29

257.92

10

6.05

258.16

0

5.77

258.44

26 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

264.21

Edge Hsp. Drive Lt.	35	30	25	19
47+24.5	5.66	5.78	5.80	5.77
	258.55	258.43	258.44	258.44
S.M.H. Rt.		RIM S.M.H.	41	
47+25	0	3.5		

5.33 5.26
258.88 258.95

47+25.5	UNFINISHED LAWN AREA	RIM GAS GATE	Edge Dr. ← Apron
GAS GATE 4)	27	25	21.5 19 18
	5.79	5.8	5.75 5.73 5.74
	35	30	
	5.7	5.8	
	258.5	258.4	

47+31
RIM. W.G. Lt.

UNFINISHED LAWN AREA	RIM. W.G.
30	26 25
5.8	5.81 5.8
258.4	258.40 258.4

47+50	UNFINISHED LAWN	ETW
	35 25 18	17.5 10
	5.1 5.0 4.8	4.85 4.62
	259.1 259.2 259.4	259.59 259.59

+9.28

271.67
↑

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date

490/27
Crew
SIMPSON
GENITTI
KELLY

AREA	ETW-GUTTER	ETW.
18	17.5 10	1 0
5.78	5.86 5.65	5.36 5.35
258.43	258.35 258.56	258.85 258.86

Area → Gutter (ETW)	ETW.
17.5 10	1 0
5.83 5.61	5.33 5.31

ETW	ETW.
17 16 10	1 0
5.67 5.53 5.50	5.14 5.14
258.54 258.68 258.71	259.07 259.07

ETW	ASPHALT
1.5 0 10	15.5 20 25
4.34 4.33 4.40	4.58 4.55
259.87 259.88 259.81	259.65 259.63 259.66

-1.82 T.P. HI-POINT GRAN. CURB
262.39

-5.91 265.76 T.P. SPR. POLE #/8 BEAVER ST.
SEE N.B. 188 Pg. 60-61
OK USE 265.73

28 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

+ 9.08

269.81



GAS GATE LT.

47+54

← UNFINISHED LAWN

	30	27	25
RIM GAS GATE	10.3	10.43	10.3
	259.5	259.38	259.5

P.C.
47+68.89

← Edge Dr. → ON ASP. DR. RIM W.G. ←

	35	30	26.5	26.5	25
47+74	9.48	9.47	9.38	9.58	9.31
Edge Dr. Lt. 260.33	260.34	260.43	260.23	260.50	

AND WATER
GATE RIM

← Asphalt →

	0	10	14.5	20
47+75	8.79	8.88	9.01	9.21
Rt.	261.02	260.93	260.80	260.60

← Edge Asp. Dr. Lt. →

	35	30	25	22
47+87.5	9.05	8.93	8.78	8.70
	260.76	260.88	261.03	261.11

+ 7.40

269.81



CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

490/29

2/25/87
SIMPSON
GENITTI
KELLY

B.M. R.O.C. BOT.
CONC. STEP ENT. TO NEW
DUPLEX LT. 47+52; LT. 65'
ELEV. = 260.73 NB. 488 P. 60-61

	18	17.5	10	ET.W	0
ETW	10.2	10.24	10.02	9.74	9.74
	259.6	259.57	259.79	260.07	260.07

← UNFINISHED LAWN →

	25	18	10	ET.W	0
ETW	9.4	9.67	9.30	9.08	9.08

APRON

	22	20	18	10	ET.W	0
ETW	9.29	9.36	9.56	9.10	8.88	8.88
	260.52	260.45	260.25	260.71	260.93	260.93

AREA

	20	18.5	18	10	ET.W	0
ETW	8.74	8.83	8.79	8.40	8.20	8.17
	261.07	260.98	261.02	261.41	261.61	261.64

- 7.40 T.P. Hi-point CURB
262.41

30 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

269.81
X

OUTSIDE P.C.
ASP. Dr. Lt.
47+90.5

← UN FINISHED →

AREA	ET.W.	ET.W.	ET.W.	ET.W.	ET.W.	ET.W.
35	30	18	10	2.5	0	
8.5	8.4	8.60	8.28	8.04	8.02	
261.3	261.4	261.21	261.53	261.77	261.79	

ETW

ETW	ETW	ETW	ETW	ETW	ETW	ETW
35	30	28	25	19	18	10
7.1	6.9	6.9	7.7	8.22	8.14	7.77
262.7	262.9	262.9	262.1	261.59	261.67	262.04

END GRAN.
CURB RT.
48+01.5

ETW	ETW	ETW	ETW	ETW	ETW	ETW
0	10	15.1	15.4	15.1	15.4	15.4
7.42	7.43	7.60	7.43	7.60	7.43	7.43
262.39	262.38	262.21	262.38	262.21	262.38	262.38

48+15
Edge Asp. Dr.
Rt.

ETW	ETW	ETW	ETW	ETW	ETW	ETW
0	10	15.5	20	15.5	20	20
6.71	6.71	6.85	6.58	6.85	6.58	6.58
263.10	263.10	262.96	263.23	262.96	263.23	263.23

OUTSIDE P.C.
ASP. Dr. Rt.
48+18

ETW	ETW	ETW	ETW	ETW	ETW	ETW
0	10	16	16	16	16	16
6.56	6.59	6.64	6.64	6.64	6.64	6.64
263.25	263.22	263.17	263.17	263.17	263.17	263.17

Rt. Side
48+25

ETW	ETW	ETW	ETW	ETW	ETW	ETW
0	10	16	20	16	20	20
6.22	6.17	6.34	5.6	6.34	5.6	5.6
263.59	263.64	263.47	264.2	263.47	264.2	264.2

Lt. Side
48+25

← VERY UN FINISHED - ROUGH →

ETW	ETW	ETW	ETW	ETW	ETW	ETW
35	30	25	21	18	18	18
5.9	5.3	5.5	6.0	6.62	6.62	6.62
263.9	264.5	264.3	263.2	263.9	263.9	263.9

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

490/31
2/25/87
SIMPSON
GENITI
KELLY

AREA	ET.W.	ET.W.	ET.W.	ET.W.	ET.W.	ET.W.
25	18.5	18	10	2.5	0	
8.5	8.64	8.60	8.28	8.04	8.02	
261.3	261.17	261.21	261.53	261.77	261.79	

ETW

ETW	ETW	ETW	ETW	ETW	ETW	ETW
3	0	10	15.0	15.3	20	25
7.53	7.50	7.51	7.66	7.40	7.0	6.4
262.28	262.31	262.30	262.15	262.41	262.8	263.4

GRASS	GRASS	GRASS	GRASS	GRASS	GRASS	GRASS
20	25	25	25	25	25	25
6.9	6.4	6.4	6.4	6.4	6.4	6.4
262.9	263.4	263.4	263.4	263.4	263.4	263.4

Edge Dr.

GRASS	GRASS	GRASS	GRASS	GRASS	GRASS	GRASS
25	25	25	25	25	25	25
6.16	6.16	6.16	6.16	6.16	6.16	6.16
263.65	263.65	263.65	263.65	263.65	263.65	263.65

GRASS

25

5.1

264.7

10

6.39

263.42

ETW

3

6.23

263.58

0

32 BEAVER ST. FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

269.81



RIM S.M.H

48 + 32

RIM S.M.H RT.

0

9

5.89

5.85

263.92

263.96

← ALONG APPROX. DIST. →

Bot. Slope Lt.

35

30

25

20

48 + 43.5

5.1

4.8

5.0

5.7

264.7

265.0

264.8

264.1

+10.72

271.45



RIM GAS GATE
48 + 49 RT.

0

10

ETW
17

RIM GAS GATE
23.5

6.76

6.75

6.76

6.53

264.69

264.70

264.69

264.92

ALSO D.M.H. Lt

48 + 50

25

19.5

ETW

18

10

ET D.M.H. RIM

7

ETW

3.5

30

5.6

7.3

7.12

6.90

6.84

6.76

35

266.4

265.9

264.2

264.33

264.55

264.61

264.69

4.2

3" x 3" METAL POST

26'

NATURAL GROUND

25'

ON GROUND AT POST

26

4.9

266.6

ON CONC. BASE AT POST

26

5.14

266.31

ON CONC. BASE

25.5

5.57

265.88

ON CONC. BASE

25

6.1

265.28

COR. OF METAL FENCE LEFT

48 + 52.5

MAX. OUTWARD PROJECTION OF BASE

CROSS-SECTIONS

Inst. Tape Wthr & Temp.

Date 2/25/87
Crew SIMPSON
GENETTI
KELLY
LY

ETW

10

ETW

3.5

0

5.81

5.54

5.43

5.36

269.00

264.27

264.38

264.45

-4.06 T.P. SPK. Pole #18 BEAVER ST.
265.75 SEE N.B. 488 P. 60-61
USE = 265.73

B.M. R.O.C. Bot. Conc. to New Duplex
260.73 47 + 52; 65' Lt.

ETW

GRASS

0

10

17

25

6.71

6.70

6.70

6.1

264.74

264.75

264.75

265.4

GROUND ELEV.

25

ETW

19.5

18

10

ETW

3.5

0

5.3

7.0

6.97

6.78

6.67

6.59

266.2

264.5

264.48

264.67

264.78

264.86

34 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

271.45
↑

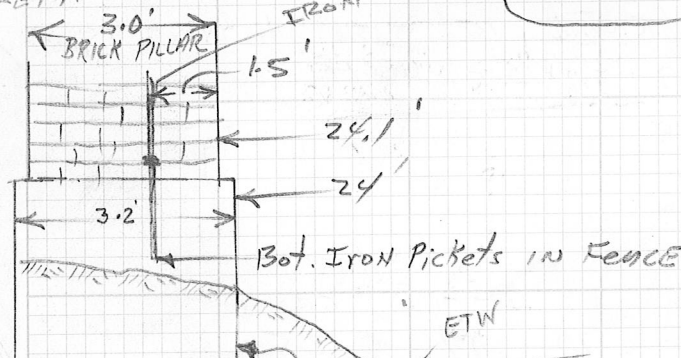
OUTSIDE (P.C.)
R.P. Dr. Rt.
48+54.5

0	10	17	25
6.53	6.47	6.51	6.1
264.92	264.98	264.94	265.35
271.39			
↑			
+4.88			

AT OUTSIDE P.C.

ETW GRASS

48+57.5
COR. OF CONC.
AND BRICK PILLAR
LEFT.



Bot. Iron Pickets in Fence

ETW

NO SIGNIFICANT
OUTWARD PROTECTION
OF CONC. BASE

EDGE ASP.
DR. RT. @ E
48+58.5

0	10	17.5	20
6.30	6.27	6.30	6.15
265.09	265.12	265.09	265.24

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

490/35
2/26/87
SIMPSON
GENI/71
KELLY

4.94 T.P. RIM W.G.
266.51

Feeling

22	19.5	ETW 18	10	3	0
6.0	6.6	6.62	6.48	6.39	6.35
265.4	264.8	264.77	264.91	265.00	265.04

ON GROUND
BACK COR. CONC.
27.2 BASE

ON GROUND
UNDER FENCE
25.5

ON TOP OF
CONC. BASE
24.0

3.9
267.5

4.7
266.7

3.49
267.90

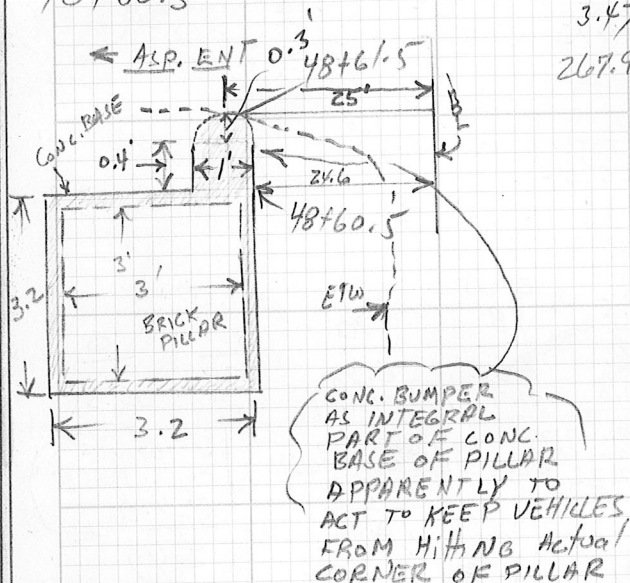
↑
Bot. IRON
PICKETS
IN FENCE
25.5
4.50
266.89

\$ AND Edge Drive
25
5.70
265.89

36 BEAVER ST. & FRANKLIN

Brick Pillar
CONC. BASE LT.

48+60.5



END OF CONC.
BUMPER LT.

48+61.5

SEE SKETCH
ABOVE

48+68.5 (SEE PG 118) 35 30 25
E ASP. ENT. LT. 3.74 4.50 5.38
266.65 266.89 266.01

ON CONC.
LIP. CONC.
BASE TO PILLAR 24.6
3.47 267.92
ON NATURAL
GROUND 24.6
5.2 266.2

ON ASP.
@ END OF
CONC.
BUMPER 25
5.38 266.01

ALONG EDGE
ASP. ENT. 28.5
4.62 266.77

CROSS-SECTIONS 490/37

Inst. Tape Wthr & Temp. Date Crew

2/26/87 SIMPSON
GENITI
KELLY

NO SIGNIFICANT
OUTWARD PROJECTION
OF CONC. FOOTING

APPROX.
BOT. CONC.
BASE ETW
24.6 19.5 18 10 3 0
6.24 6.51 6.48 6.40 6.27 6.22
265.2 264.88 264.91 264.99 265.12 265.17

ASP. GUTTER E.T.W.
22 19.5 18 10 3 0
6.10 6.49 6.47 6.33 6.23 6.17
265.29 264.90 264.92 265.06 265.16 265.22
ETW
22 19.5 18 10 2.5 0
5.84 6.19 6.19 6.12 5.96 5.90
265.55 265.20 265.20 265.27 265.43 265.49
- 5.65 265.74 T.P. SPR. IN POLE #18
BEAVER ST.
USE 265.73 NB. 488 Pg. 60-61

38 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

+9.15

269.88

Edge Asp. Dr.

RT. @

48+71

0

4.31

265.57

10

4.31

265.57

ETW

17.5

4.46

265.42

20

4.42

265.46

AT CONC. BUMPER at Pillar
48+75 Left.

ASP.

23

ETW

20

4.59

265.29

18

4.58

265.30

10

4.43

265.45

ETW

2.5

4.23

265.65

AND OUTSIDE P.C.
TO ASP. Dr. RT.

265.77

ALONG Edge Asp.

35

2.22

267.66

30

2.89

266.99

ON ASP.
AT & CONC.
BUMPER

27

3.27

266.61

ASP.

25

3.72

266.16

AT BRICK Pillar
w/ CONC. BASE ht.
48+76

AT OUTER MOST
PROJECTION CONC.
FDN.

26

2.99

266.89

AT OUTER MOST
PROJECTION CONC.
FDN.

26

3.8

266.1

AT Edge.
CONC. S.W.

24.5

4.13

265.75

ON TOP
OUTER MOST
PROJECTION

266.89

ON TOP
CONC. FDN.
AT BRICKS

26.4

1.95

267.93

ON TOP
CONC. FDN.

26.3

1.95

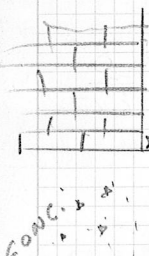
267.93

AT CONC.
FDN.

26.3

2.99

266.89



CROSS-SECTIONAL VIEW

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

490/39
2/27/87
SIMPSON
GENITI

B.M. R.O.C. Ref. CONC.
Step to New Duplex 260.73

@ Edge Drive

25

4.11

265.77

OUTSIDE P.C.
TO ASP. Dr.
(ETW)

GRASS

0

4.16

265.72

10

4.19

265.69

17.5

4.34

265.54

25

3.8

266.1

AT + ON
CONC. WK

22.5

4.14

265.74

ASP.

20

4.59

265.29

18

4.55

265.33

10

4.37

265.51

ETW.

2.5

4.17

265.71

0

4.12

265.76

3.26 266.62 P. TOP BACK
@ STATION 49+26.14

40 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

271.53

AT COR. BRICK PILLAR LT.	GROUND ELEV.	APPROX. TOP FDN. OUTER PROJECTION	APPROX. BOT. FDN. (OUTER MOST PROJECTION)	BR. Edge CONC. WK.
48+79	26.3	26.3	26.3	24.3
	5.0	4.62	6.1	5.77
	266.5	266.91	265.4	265.76

GROUND ELEV.
AT BR COR. Pillar

29.6

3.5

268.0

AT CONC. BASE
FOR FENCE LT.

48+83.5

ON CONC. BASE	ON GROUND AT BASE OF EXPOSED CONC. FOOTING	BR. Edge S.W.
26.5	26.5	24.2
4.4	5.0	5.71
267.1	266.5	265.82
		GROUND
		30
		3.6
		267.9

POST 3/4" X 3/4"

Bot. of
Metal Pickets

0.6'

26.5

26.5

CONC.
S.W.

ETW

TOP OUTER
Edge Footing

28.0

4.15

267.38

ALSO CONC.
FDN. AT FENCE

267.0

GROUND

20

3.5

268.0

GROUND

29

3.7

267.8

TOP CONC.
FOOTING

28.4

4.07

267.46

CROSS SECTIONS

490/41

Inst. Tape Wthr & Temp. Date Crew

2/27/87 SIMPSON
GENITH

AT & ON EDGE CONC. S.W.	ETW	18	10	ETW.	2.5	0
21 (ROUGH)	20					
5.82	6.12	6.13	5.99	5.75	5.70	
265.71	265.41	265.40	265.54	265.78	265.83	

TOP CONC.
FDN. AT BRICKS

26.7

3.58

267.95

TOP COR.
CONC. FDN.

26.6

3.58

266.93

AT CONC. FDN. - ON TOP
ROUGH FOUNDATION BASE
AND AT SMOOTH VERTICAL
SURFACE

26.6

4.60

266.93

Edges S.W.	ETW	18	10	ETW.	2.5	0
20.5	20					
5.80	6.07	6.07	5.88	5.65	5.57	
265.73	265.46	265.46	265.65	265.88	265.96	

ON TOP CONC. BASE
AT FENCE POST

27

4.26

267.27

THIS POST IS REALLY JUST ONE
OF THE 3/4" X 3/4" PICKETS EXTENDED
DOWN TO FOOTING

ETW	18	10	ETW.	2.5	0
20					
5.85	5.81	5.56	5.28	5.23	
265.68	265.72	265.97	266.25	266.30	

AT
FENCE

42 BEAVER ST. - FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

271.53

EDGE FINISH
ETW. PAVEMENT

BINDER

4940 Rt. 0 10 16.2 16.4
ALSO CALL 5.20 5.33 5.52
OUTSIDE P.C. 266.33 266.20 266.01
TO Asp. Dr. Rt.

+5.98

271.71

Edge Asp. Dr. Rt.

4940 1/2

0 10 18.5 20
5.32 5.30 5.64 5.64
266.21 266.23 265.89 265.89

Edge Asp. Dr. Rt.

4940 1/2

0 10 18 20
5.18 5.14 5.47 5.47
266.35 266.39 266.06 266.06

WATER GATE Rt.

49416

0 10 17 20
5.18 5.14 5.36 5.5
266.35 266.39 266.17 266.0

OUT P.C. to
Asp. Dr. Rt.

49419.5

0 10 16 20
5.13 5.10 5.20 5.0
266.40 266.43 266.33 266.54

CROSS-SECTIONS 490/43

Inst. Tape Wthr & Temp. Date Crew

2/27/87 SAMPSON
3/2/87 GENIITI
3/2/87 - SNOWING

16.8 20 22 25
5.55 5.5 5.3 3.9
265.98 266.0 266.2 267.6

-5.80 265.73^{OK} T.P. SPK. IN
Pole #18 BEAVER ST. N.B. 488 19.60-61
(265.73)

Asp. 22 25
5.54 5.40
265.99 266.13

25 5.47
266.06

25 27.5
5.2 5.23
266.3 266.30

22 23 25
4.9 4.3 4.1
266.64 267.2 267.4

44 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

27.71

49+ 26.14 P.T. ETW
20.7 18 10
5.67 5.60 5.42
266.04 266.11 266.29
25 5.48
5.40 266.31
266.23

ON GRASS 30 3.3 268.4
ON TOP CONC. BASE @ FENCE 28.7 4.09 267.62
ON GROUND AT CONC. BASE 27.9 4.7 267.0
ON CONC. BASE @ FENCE 28.4 4.14 267.57
ON CONC. BASE @ FENCE 28.4 4.8 268.9

49+50 Lt. 26.5 25 21 5.42 5.49
266.3 266.29 266.22

GRASS 30 2.9 3.2 268.5
ON TOP CONC. BASE @ FENCE 28.4 4.11 267.60
ON TOP CONC. BASE 27.9 4.17 267.54

49+50 Rt. 0 10 5.01 266.70
ETW 15 5.05 266.66
20 4.9 266.8
25 4.5 267.2

+4.20 27.73 -4.18

CROSS-SECTIONS

Inst. Tape Wthr & Temp.

490/45
Date 3/2/87
Crew SIMPSON
GENITHI
KELLY
SNOW SQUALLS

ETW 2.5 0 10 15 20 25
5.13 5.10 5.06 5.13 5.0 3.1
266.58 266.61 266.65 266.58 266.7 268.6

ON ASP. AT FRONT S.W. 21 18 10 2.5 0
5.62 5.60 5.34 5.07 5.06
266.09 266.11 266.37 266.64 266.68

T.P 267.53 L.O.C. CONC. PLATF.
70 #174 BEAVER ST.

46 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

27.73
✕

OUT P.C. Asp. Dr.

Rt. ±
49+56

0 10
5.10 5.05

266.63 266.68

P.C.
ETW

15 5.13

266.60

GRASS

20 25
4.9 4.8

266.8 266.9

Edge Dr. @ 1/2 Rt.

49+58

0 5.12
266.61

10 5.06
266.67

ETW ASP. → ←
15 18
5.15 5.21
266.58 266.52

Edge Dr. @ 1/2 Rt.

49+69

0 5.19
266.54

10 5.14
266.59

ETW Edge
15 20 Dr.
5.20 5.18
266.53 266.55

OUTSIDE P.C. Asp.

49+72.5 Drive Rt.

0 5.22
266.51

10 5.16
266.57

15 5.25
266.48

20 5.1
266.6

2 Gran. Steps
CONC. & FLAGSTONE
W.K. Lt.

49+83

ON 2nd
28 4.20
266.53
WALK
30 3.99
267.74

@ 2nd
28 4.89
266.84
ON END
WALK
29 4.06
267.67
265.83
↑

ON 1st ON GROUND
27 27 4.86 5.5
266.87 266.2
BK 2nd step
29 4.24
267.49

+ 3.44

- 5.12

CROSS-SECTIONS 490/47 JC

Inst. Tape Wthr & Temp. Date Crew

3/2/87

SIMPSON
GEN/IT/
KELLY

Edge Dr. → \$
20 25
5.12 4.98
266.61 266.75

\$ E. Drive

25
5.15
266.58
\$

25
5.0
266.7

BK S.W.
25 5.66
266.07

ON @ CONC. S.W.
21 21 18 10
5.72 5.81 5.76 5.54
266.01 265.92 265.97 266.19
266.41

ET.W.
2 0
5.32 5.32
266.91

- 9.34

T.P.
262.39

Hi-Point curb

260.71 B.M. R.O.C. B.t. CONC. Step to New
DUPLEX 47+52; 47+65
USE = 260.73

N.B. 488
Pg. 60-61

48 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

CROSS-SECTIONS ON
AND BEAVER STS.

+8.65

259.61

Rt.	← ON ASP →			
	0	10	20	25
43+0	—	6.96	6.35	6.23
		252.65	253.26	253.38

Rt.	ON PAVEMENT			
	0	10	15	AT END ISLAND
43+03.5	—	7.45	6.94	6.69
ON PAVEMENT BEGINNING ON ISLAND		252.16	252.67	252.92

Rt.	RANDOM X-SECTION THRU ISLAND			
	0	AT ASP. CURB	ON CURB	15
43+10	7.38	6.85	6.65	6.0
	252.23	252.76	252.96	253.6

Rt.	RANDOM X-SECTION THRU ISLAND			
	0	@ ASP. CURB	ON CURB	BK. CURB
43+25	—	10.1	10.3	10.6
		6.93	6.69	6.67
		252.68	252.92	252.94

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

ISLAND AT W. CENTRAL

Date

3/2/87

Crew

SIMPSON
GENITI
KELLY

B.M. CHIS. SQ. R.O.C CONC. STEP

MAIN ENT. #343

N.B. 488 P6.60

250.96

20	25
6.27	6.19
253.34	253.42

17	@ CON BK E.S.W.	FRONT EDGE S.W. ON BK CURB		@ CURB ON ASP.	ASP
		24.2	24.6		
5.7	5.80	5.67	5.68	5.96	5.92
253.9	253.81	253.94	253.93	253.65	253.69

15	20	AT CON BK ASP. S.W.	FRONT S.W. ON BK ASP. CURB		ON TOP FRONT CURB	@ FACE CURB
			31.6	31.9		
6.0	5.5	5.02	5.06	5.05	5.41	5.41
253.6	254.1	254.59	254.55	254.56	254.20	254.20
				35		
				5.38		
				254.23		

50 BEAVER ST. & FRANKLIN

Inst.	Tape	Wthr & Temp.	Date	Crew
CROSS-SECTIONS ON ISLAND				
AT W. CENTRAL ST.				
	AT CONTINUED	ON	259.61	
	W.R.B.	CURB	BK. CURB	
43+31.5	0	10.6	10.8	11.1
END OF ASP.	7.43	6.92	6.62	6.62
S.W. RT. @	252.18	252.69	252.99	252.99
CURB LINE				

RANDOM				
X-SECTION				
43+40	0	10	12.1	12.3
THRU	7.43	6.96	6.91	6.61
CURB	252.18	252.65	252.70	253.00
RT.				

END ISLAND
RT.

43+45	0	10	13.5	15	20
	7.43	7.02	7.05	6.91	6.32
	252.18	252.59	252.96	252.70	253.29

43+50	0	10	13.5	20
RT.	7.07	7.00	6.47	
	252.54	252.61	253.14	

CROSS-SECTIONS

Inst.	Tape	Wthr & Temp.	Date	Crew
490/51				
3/3/87				
SIMPSON				
GENIOTTI				
KELLY				
	BK. Edge	ON TOP		
	S.W. @	FACE		
	BK. CURB	CURB		
15	20	25	29	
6.3	5.5	5.1	4.8	4.83
253.3	254.1	254.5	254.8	254.78

@ CURB ON ASP	ASP.	ASP.		
31.9	35	40		
5.33	5.28	5.15		
254.28	254.33	254.46		
BK. CURB				
12.6	15	20	25	
6.57	6.3	5.8	4.9	
253.04	253.3	253.8	254.7	

30	35	40		
5.28	5.14	4.94		
254.33	254.47	254.67		
25	30	35	40	45
5.76	5.34	5.08	4.92	4.62
253.85	254.27	254.53	254.69	254.99

25	30	35	40	45
5.94	5.47	5.02	4.77	4.59
253.67	254.14	254.59	254.84	255.02

- 3.14 = 256.47 T.P. SPK. POLE #22 Page 7
USE 256.51

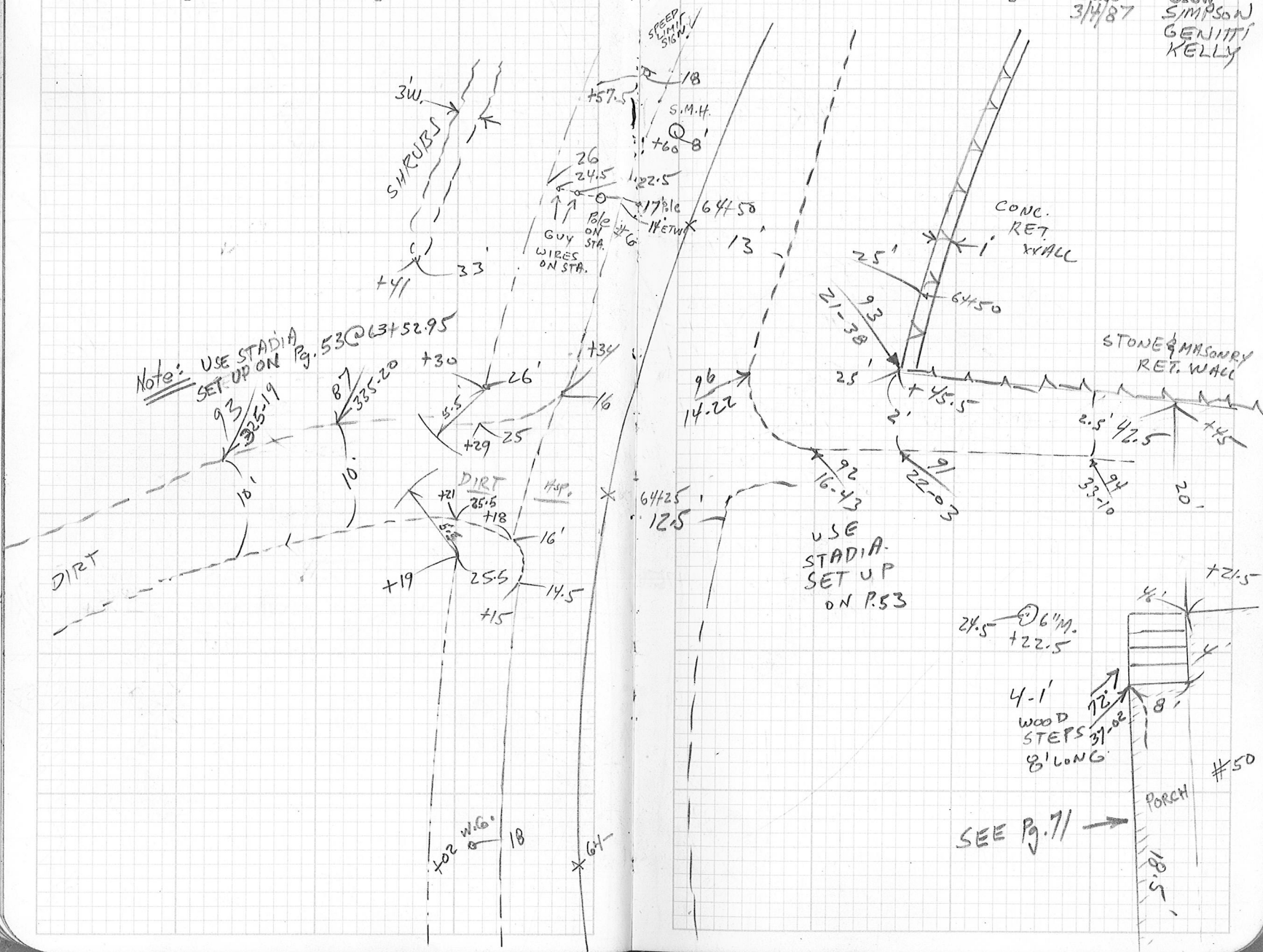
54 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

DETAIL

Inst. Tape Wthr & Temp.

490/55
Date 3/4/87
Crew SIMPSON
GENITTI
KELLY



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

Tape

Wthr & Temp.

Date _____

Crew

Inst.

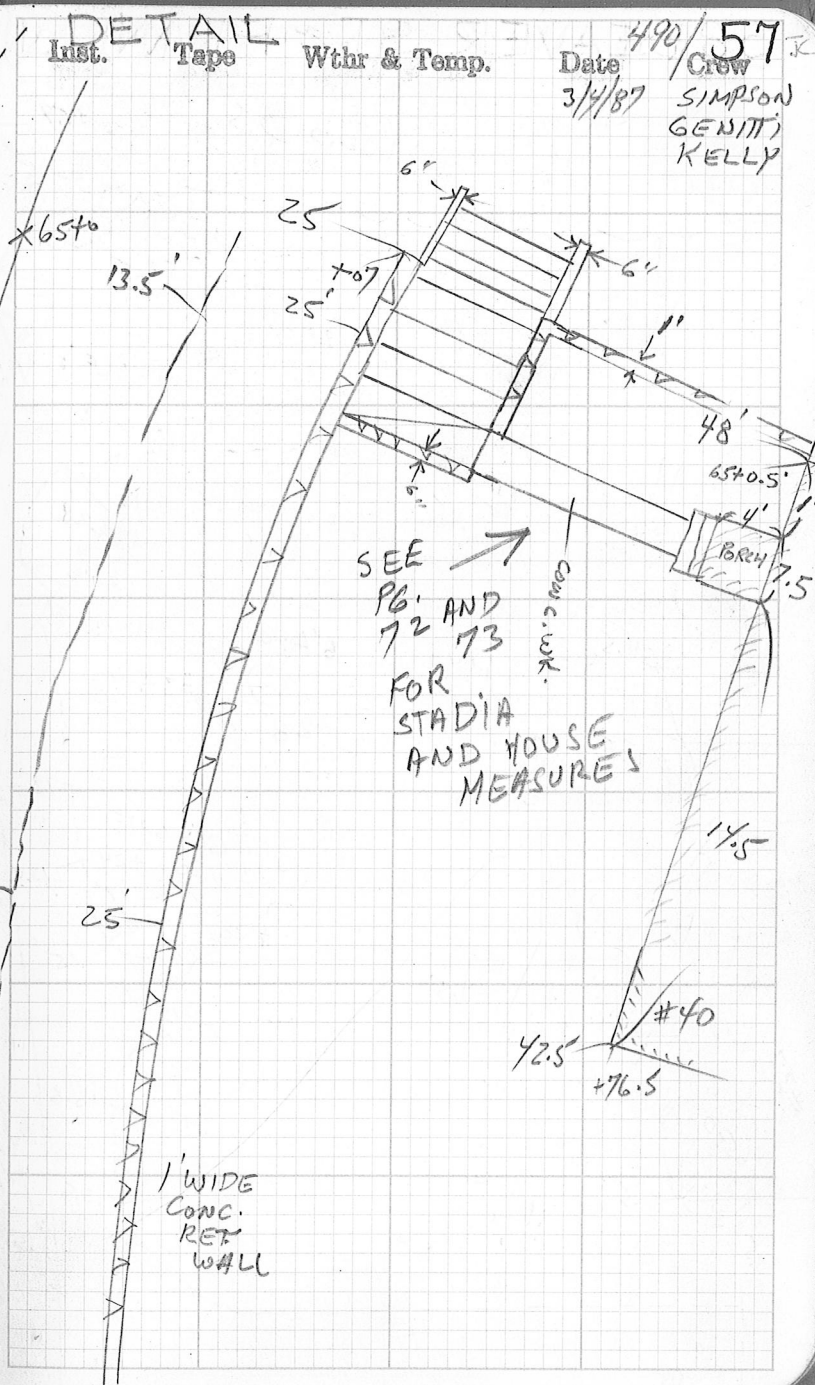
Tape

Wthr & Temp.

Date _____

Crew

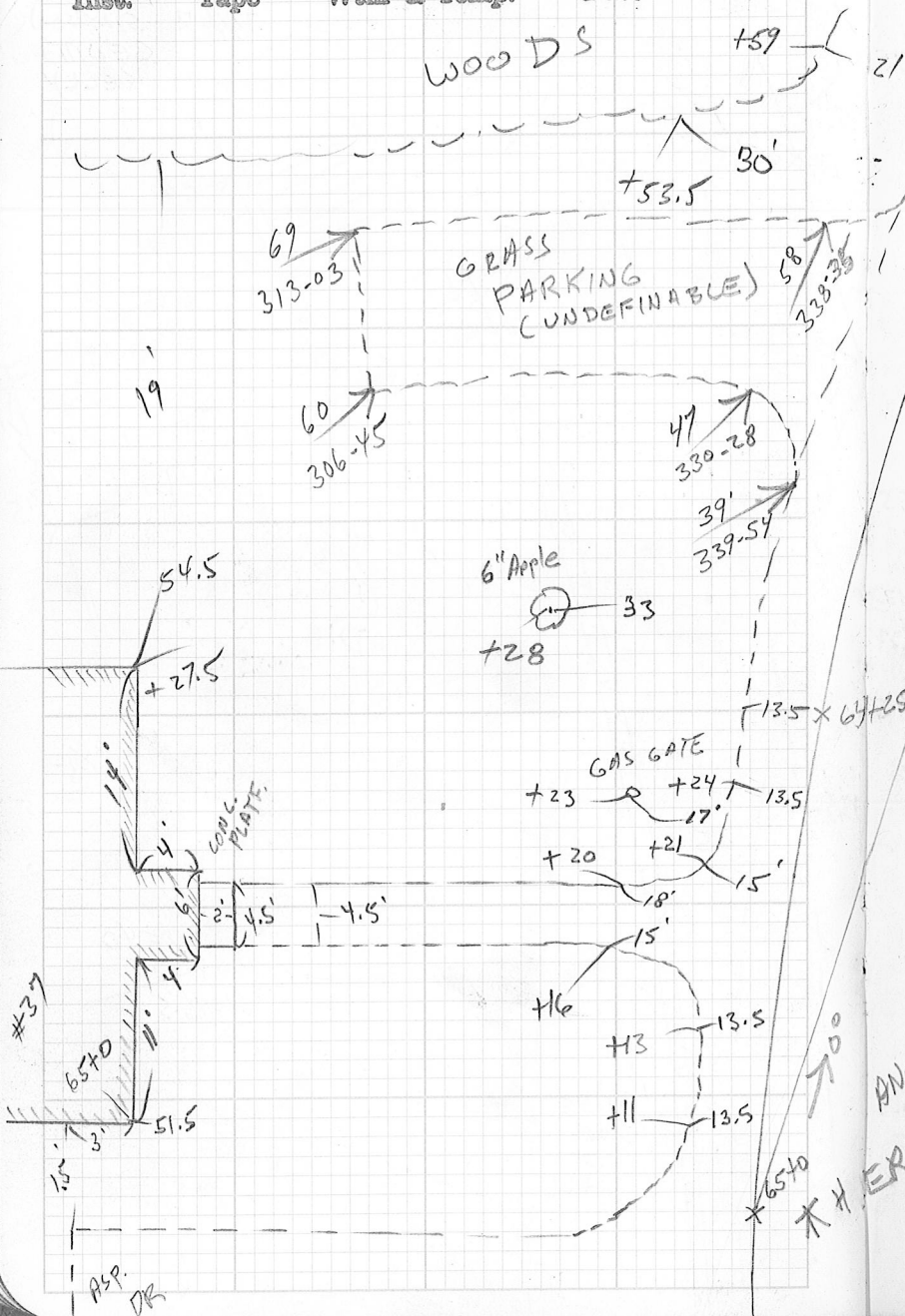
SIMPSON
GENITT
KELLY



58 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

WOODS



DETAIL

Inst. Tape Wthr & Temp. Date Crew

490/59
Date 3/4/87
Crew SIMPSON
GENINI
KELLY

13' 65+50
61
347+0
ADDED GRASS
PARKING DETAIL
3/11/87

P.T.
OF
CURVE
65+56.69

Note: 3/10/87
TALKED WITH OCCUPANT
OF #37 WHO SAID
SHE HOPED THAT WHEN
THE S.W. WAS CONSTRUCTED
A CURB CUT WOULD
BE LEFT AT THE
GRASS PARKING AREA
SHOWN ON Page 58
SHE DOES NOT OWN THE
PROPERTY BUT IS RELATED
TO THE OWNER WHO
SHE SAID FEELS THE
SAME AS SHE DOES
ABOUT THE PARKING
(SINGLE CAR WIDTH)
FOR 2 CARS

70°
ANGLES RT.

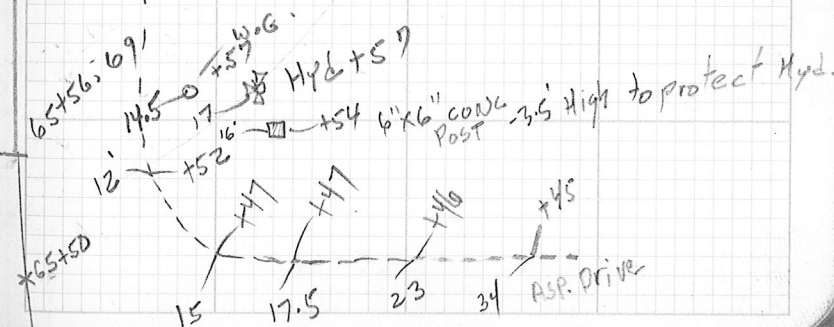
* 65+40
* HERE

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

LIGHTLY
WOODED



Crew
SIMPSON
GENITT
KELLY



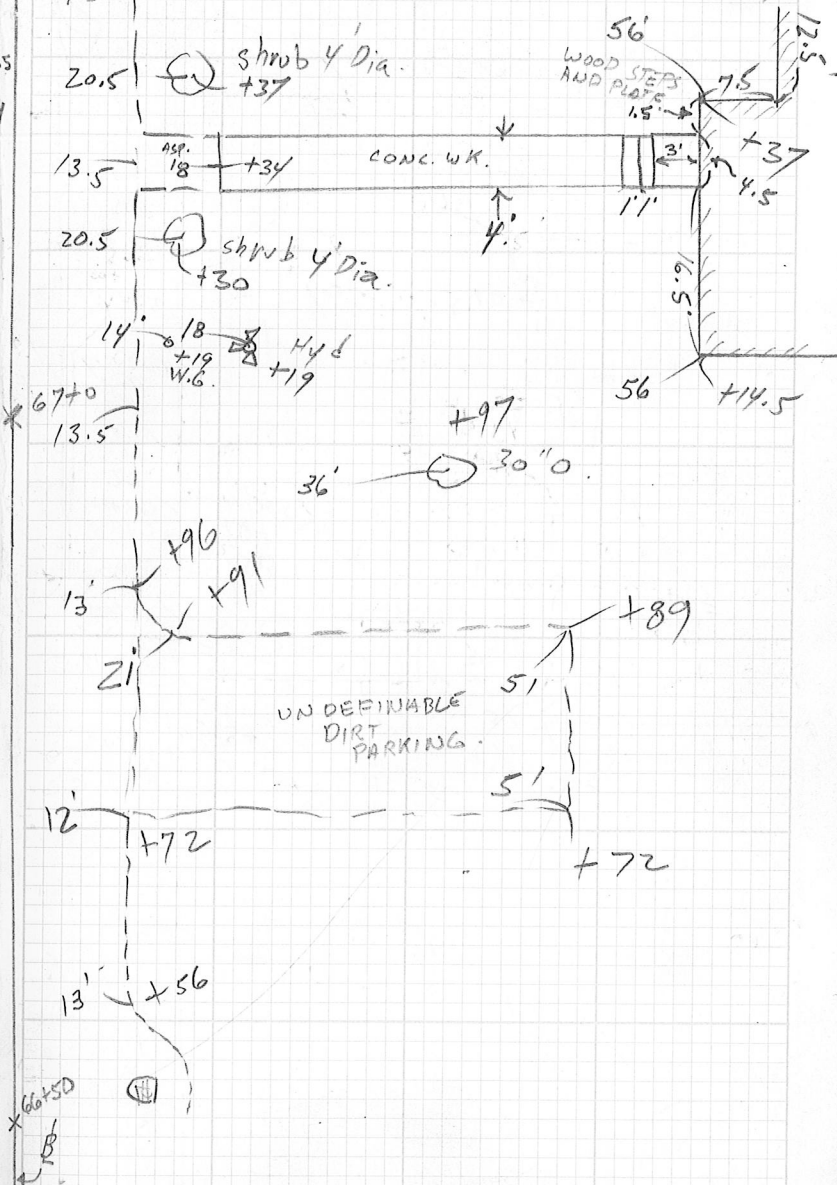
Crew

+25.5 14" M.



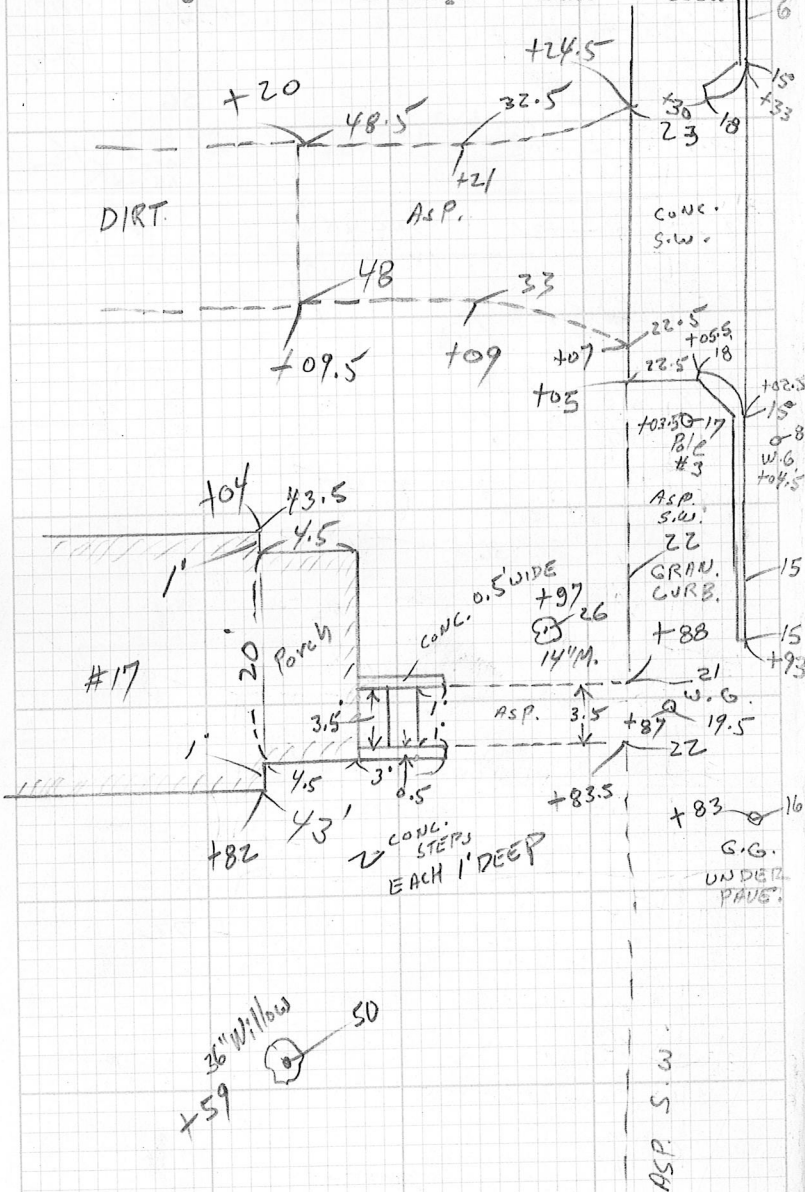
SIMPSON
GENTILE
KELLY

*6750
14.5 18.5 $\Rightarrow$ sign + 40



64 BEAVER ST. FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

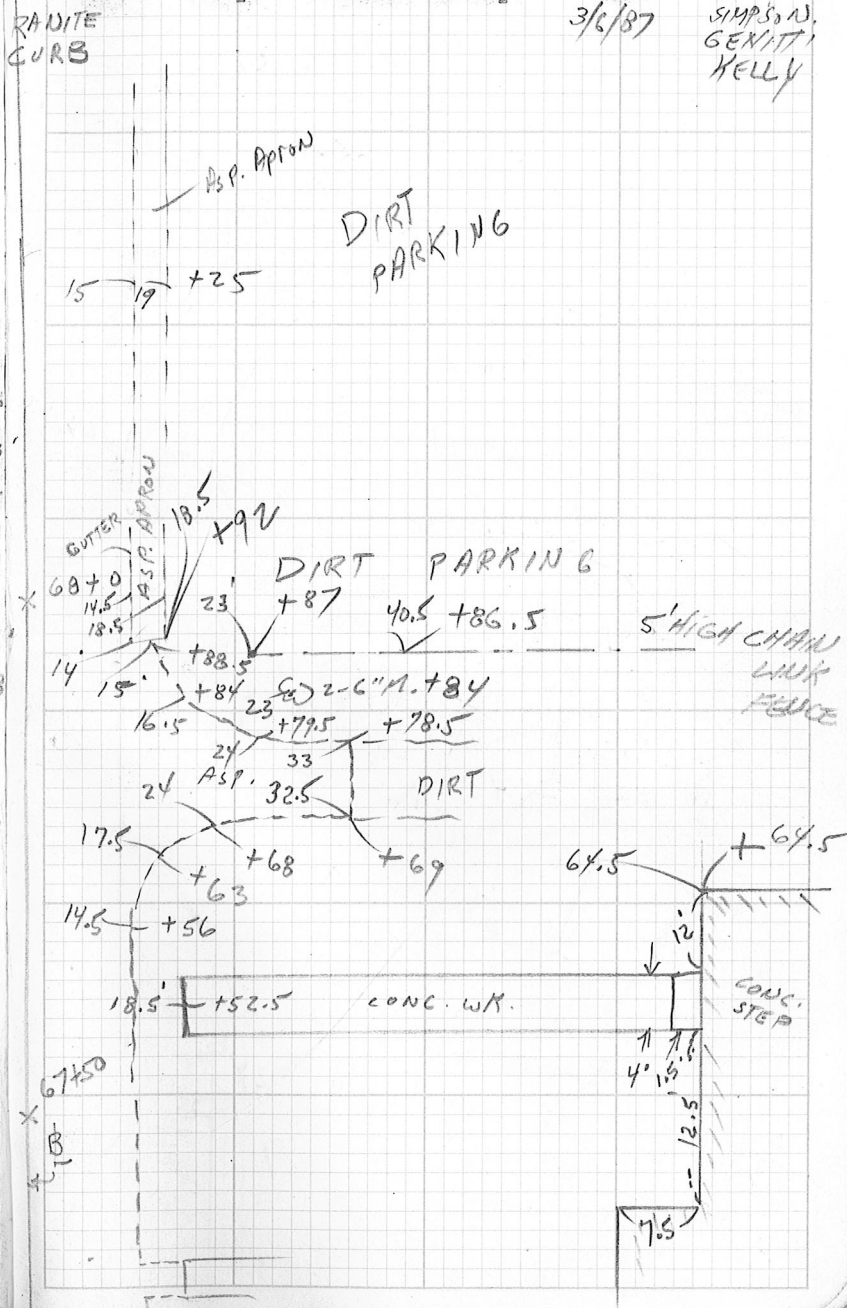


DETAIL

Inst. Tape Wthr & Temp.

Date 3/6/87 Crew

SIMPSON,
GENITTI,
KELLY



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

← DANIEL MCCAILL ST.

SEE

DETAIL

Inst.	Tape	Wthr & Temp.
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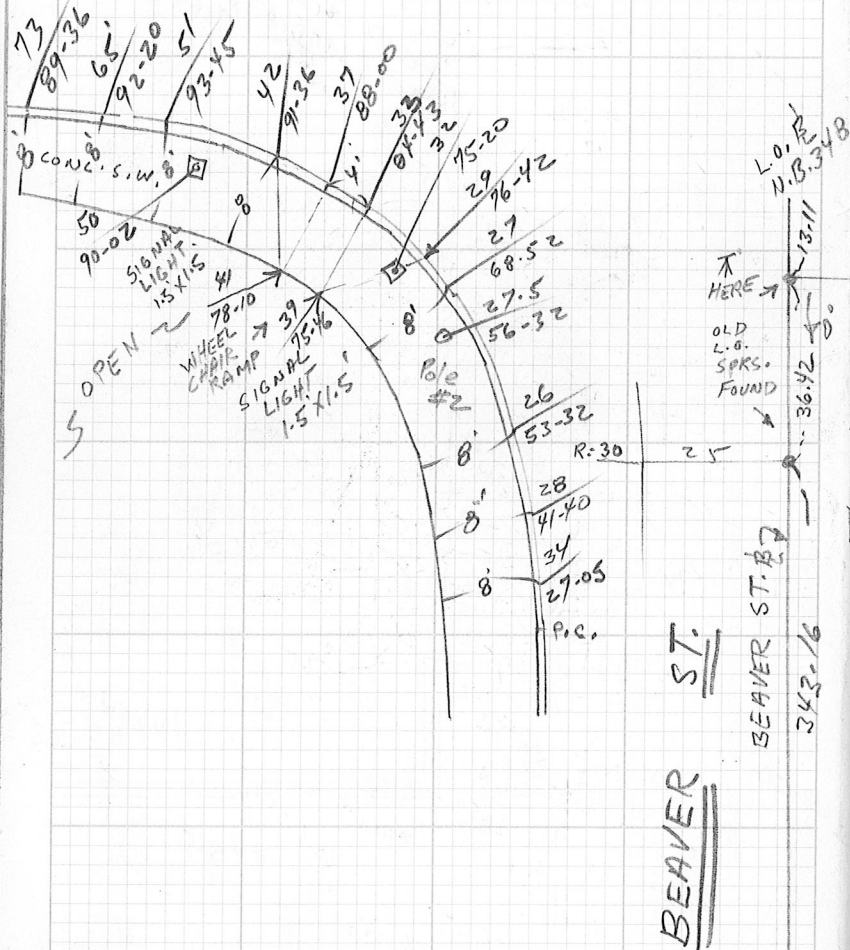
490/67
Date Crew
3/6/87 SIMPSON
GENETTI
KELLY

NEXT PAGE FOR
STADIA @ INTERSECTION

END LOCATED
BY STADIA Pg. 69

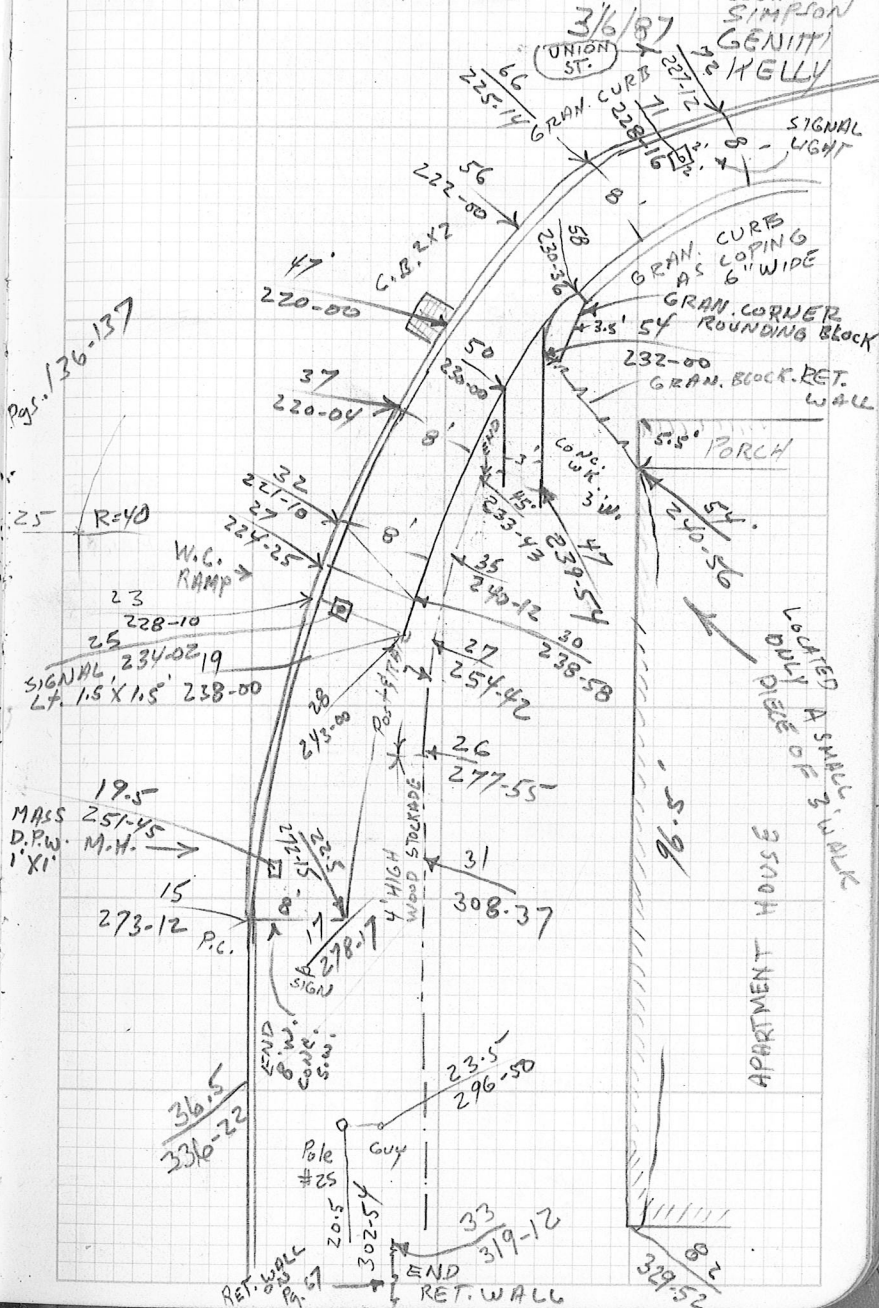
DANIEL
MCCAHILL ST.

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



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

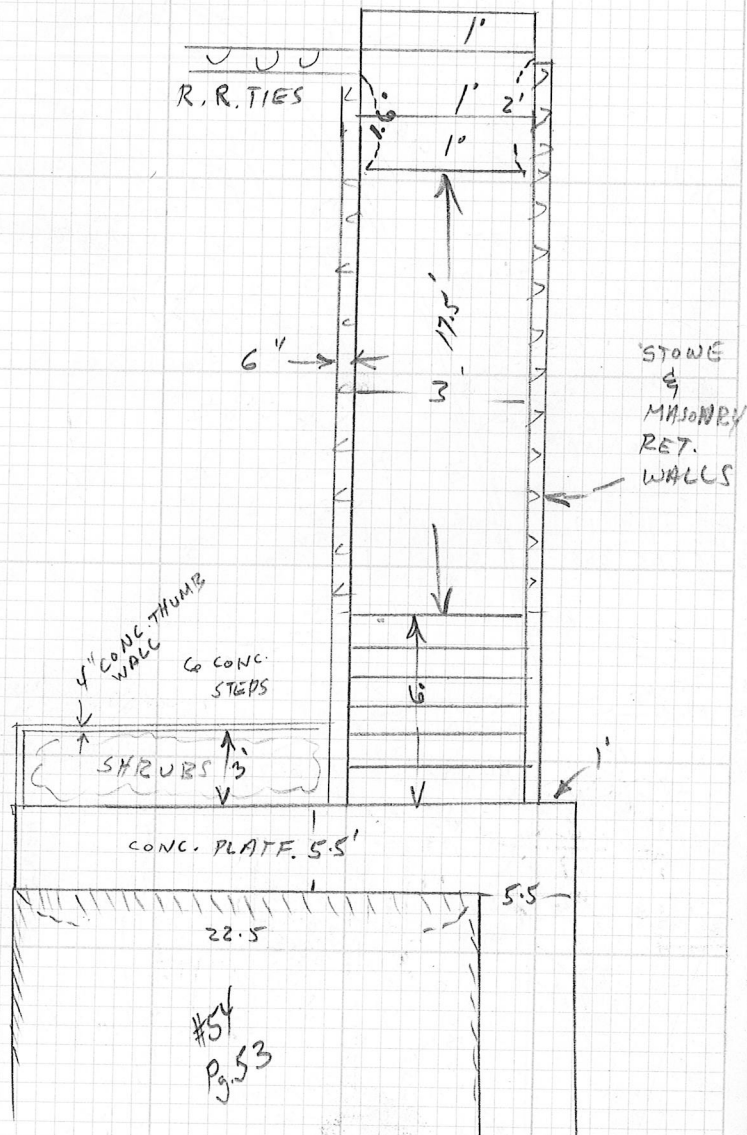
490/69 TC



70 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

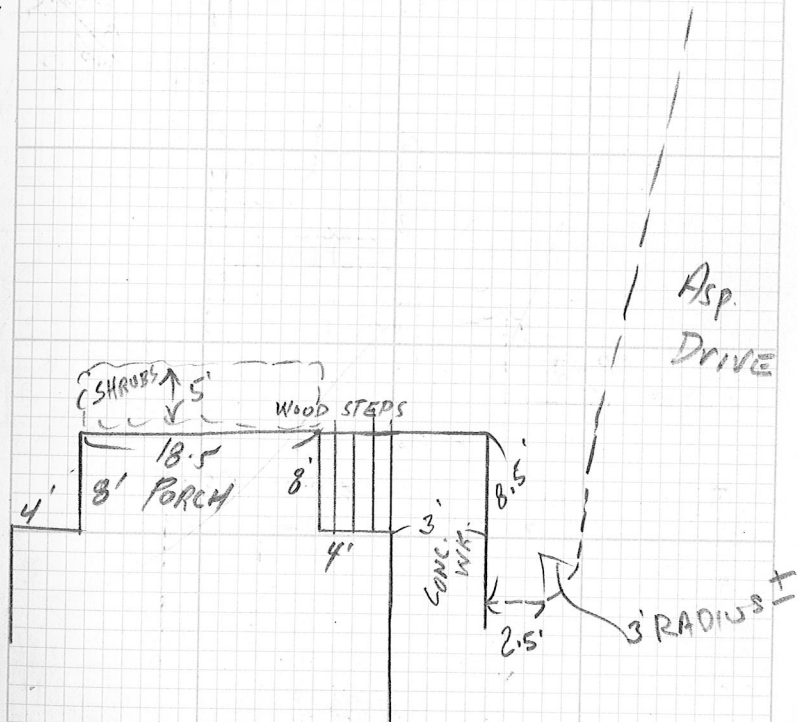
HOUSE #54 RT. @ 63450



#54
Pg. 53

DETAIL

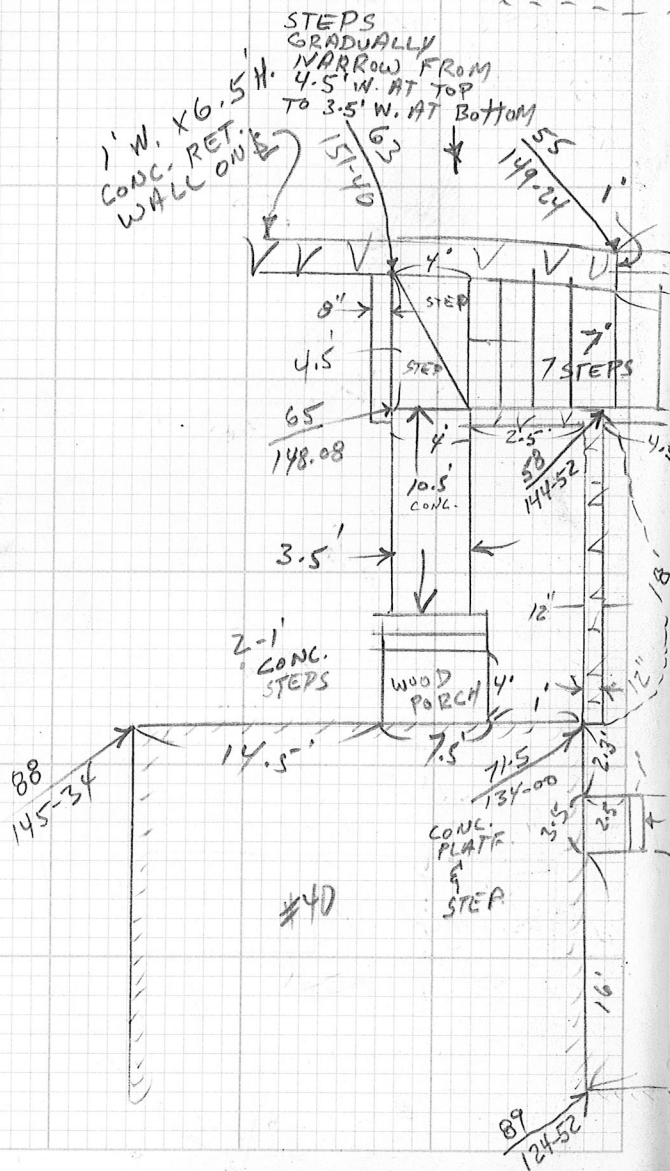
Inst. Tape Wthr & Temp. Date Crew
3/9/87
HOUSE #50
RT. @ STATION 6440 Pg. 55
SIMPSON
GENITI
KELLY



3' RADIUS ±

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

HOUSE #40 Rt. @ 6540 Pg. 57



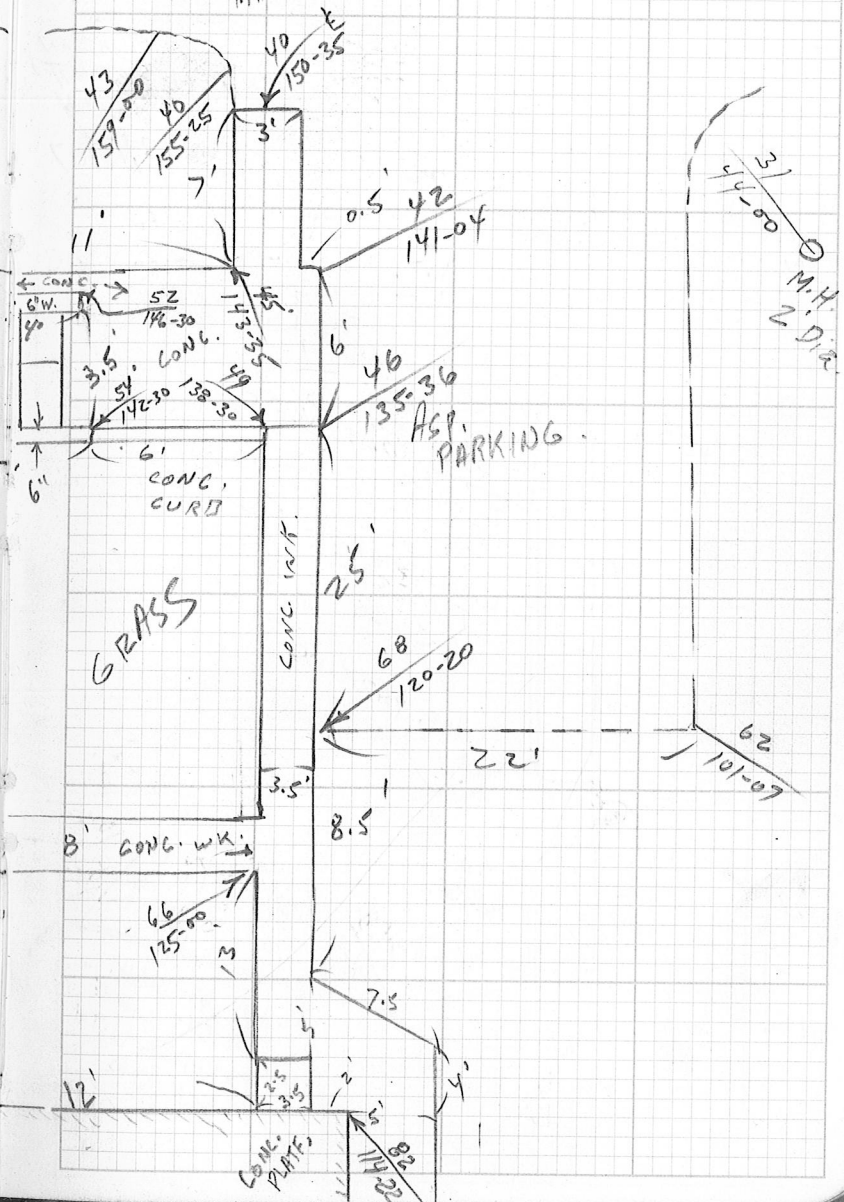
65750

66×0 $66 + 5$
 $\times$ ————— $\times$

3/9/87

SIMPSON
GENITI

Crow
SIMPSON
GEMILL



74 BEAVER ST. & FRANKLIN

Inst.

Tape

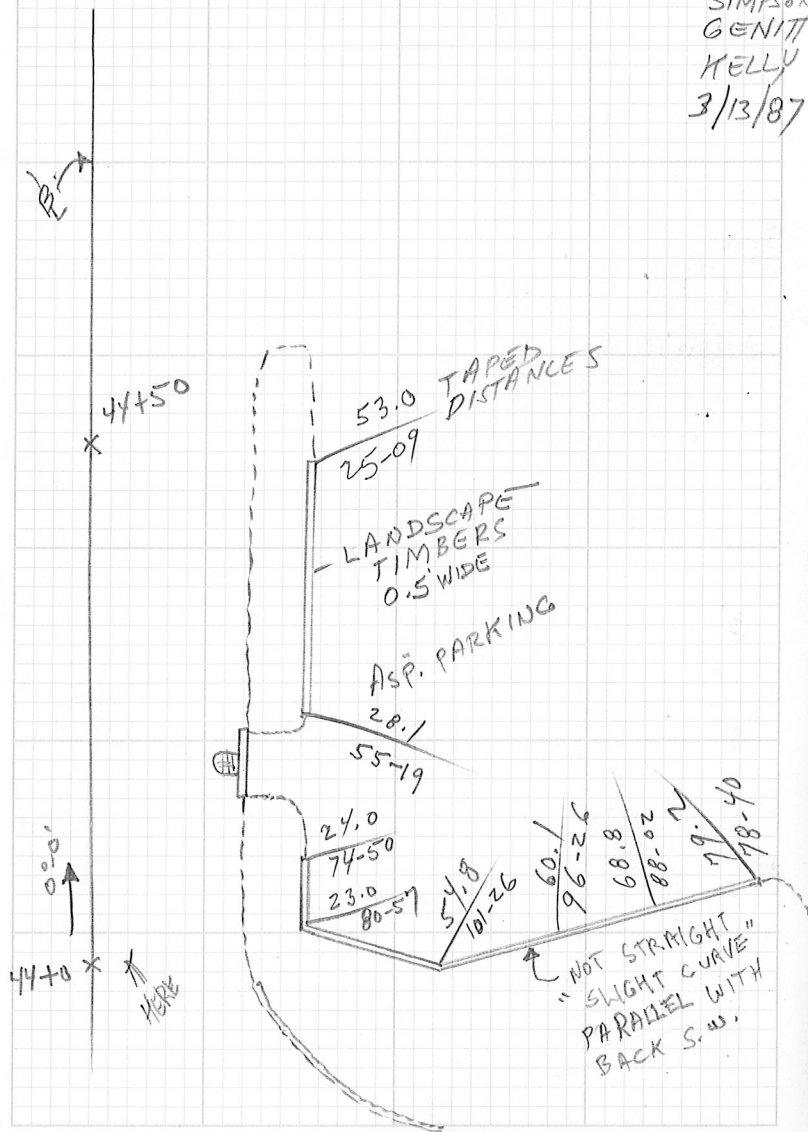
Wthr & Temp.

Date

Crew

CHECK LOCATION OF
LANDSCAPE TIMBERS AS EDGING AROUND
ASP. PARKING LOT AT W. CENTRAL ST.

SIMPSON
GENITT
KELLY
3/13/87



Inst.

Tape

Wthr & Temp.

Date

Crew

490/75

78/BEAVER ST. FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

490

300.27

@ FENCE

6440	26	25	20	ETW	14.5	10	ET.W
5.5	5.7	5.8	5.90	5.95	6.13	6.13	1.5
294.8	294.6	294.5	294.37	294.32	294.19	294.19	
GRASS							
30							
5.0							

@ FENCE

W.G. Lt.	30	26	25	20
64402	5.0	5.5	5.6	5.8
	295.3	294.8	294.7	294.5
		GRASS		@ FENCE
		30		26
OUTSIDE P.C. LT. TO DRIVE		4.9	5.1	
64415		295.4	295.2	

INSIDE P.C. TO DRIVE
64421 Lt. (APPROX OPP. END FENCE)

35	30
4.8	5.0
295.5	295.3
	GRASS
35	30
4.3	4.6
296.0	295.7

INSIDE P.C. TO DRIVE LT.

64428.5

OUTSIDE P.C. TO ASP. Dr. Rt.
64430

0	10	(P.C.) ET.W	15	GRASS
5.17	5.57	12.5	5.6	4.1
295.10	294.70	294.61	294.7	296.2

INSIDE P.C. TO ASP. Dr. Rt.
64433

0	10	Gutter	15	20	P.C.
5.09	5.46	12.5	5.53	5.01	4.23
295.18	294.81	294.77	294.74	295.26	296.04

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

SUNNY WINDY 18° Cold

3/10/87

Crew
SIMPSON
GENIITI
KELLY

RIM W.G.

16 also
5.03
295.24
GROUND LEVEL

0	10	ETW	12.5	13.5
6.14	6.56	6.72	6.2	
294.13	293.71	293.55	294.1	
20 GRASS	25			
4.6	3.7			
296.3	297.1			

RIM W.G.

18	ETW	14.5	10	ET.W.
5.89	5.84	5.88	6.04	6.07
294.38	294.43	294.39	294.23	294.20

25	20	ETW (P.C.)	14.5	10	ET.W.
5.1	5.2	5.34	5.40	5.60	5.64
295.2	295.1	294.93	294.87	294.67	294.63

DIRT DRIVE	DIRT	Edge Pavement	16	10	ET.W.
5.0	5.2	5.21	5.20	5.40	5.44
295.3	295.1	295.06	295.07	294.87	294.83

DIRT	Edge Pave.	ET.W.
25	20	16
4.8	4.9	4.96
295.5	295.4	295.31
		10
		4.97
		295.30
		5.16
		5.21
		295.11
		295.06

25
3.4
296.9

30
3.67
296.60

80 BEAVER ST. FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

1490

OUTSIDE
P.C. TO DIRT. DR. LT.
64+34

300.27
↑ @ FENCE
26
4.5
3.8
296.5
295.8

INSIDE P.C.
TO ASP. DR. RT.

64+42
0
4.85
295.42
10
5.24
295.03
GUTTER
12.5
5.38
294.89

64+50
CALL ALSO
OUTSIDE
P.C. TO DR.
RT.

20 16 ETW 10 ETW
4.1 4.2 4.43 4.48 4.67
296.2 296.1 295.84 295.79 295.60
30 25.6 25
3.7 3.9 3.9
296.6 296.4 296.4
+ 2.95
301.01
↑

64+60
S.M.H.
LT.

RIM S.M.H. ETW
8 1 0
5.28 5.22 5.25
295.73 295.79 295.76

64+75 RT.

0 10 ETW 20
5.08 5.62 5.85 5.7
295.93 295. 295.16 295.3
295.39

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

81

SUNNY COLD 18° 3/10/87
WINDY Edge Prop
P.C. ET.W. KELLY

25 20 16 10 2 0
4.5 4.7 4.76 4.82 5.00 5.06
295.8 295.6 295.51 295.45 295.29 295.21

ASP P.C. Edge Drive
15 20 25 30
5.41 5.12 4.49 3.84
294.86 295.15 295.78 296.43

(WALL 5.5' HIGH)
GROUND
@ FACE WALL

0 10 ETW 20 25
4.69 5.08 5.20 5.1 4.6
295.58 295.19 295.07 295.2 295.7

-2.21 T.P. Hyd spindle 65+50 RT.
298.06

GROUND AT
25 FACE RET.
WALL
4.9
296.1

82 BEAVER ST. ~ FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

7/490

301.01

6475 Lt.

30 26.5 25
4.1 4.3 4.3
296.9 296.7 296.7

ON CONC. BASE AT POST @ ON CONC. BASE TO FENCE POST
26.5 26.5 25
3.58 3.63 3.7
297.43 297.38 297.3

30
3.2
297.8

RANDOM X-SECTION
LT THRU HI-POINT OF
64786.5 GROUND IN
LILAC BUSHES

35 30
3.6 3.1
297.41 297.9

OUTSIDE
P.C. ASP. DR. LT.
64788

35 30
3.9 3.2
297.1 297.8

INSIDE P.C.
ASP. DR. LT.
64791.5

ON ASP DR.
35 30
4.27 4.30
296.74 296.71

6570 Rt. ONLY
0 10
5.11 5.54
295.90 295.47
ETW 13.5 20
5.72 5.5
295.29 295.5

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

COLD 20°F
WINDY

3/10/87

83
SIMPSON
GENITTI
KELLY

ETW 14.5 10 1
4.4 4.84 4.90 5.07
296.6 296.17 296.11 295.94

20 14.5 10 1 0
4.3 4.80 4.87 5.03 5.05
296.7 296.21 296.14 295.98 295.96

LILACS

25 20 14.5 10 1 0
2.8 3.9 4.78 4.85 5.03 5.06
298.2 297.1 296.23 296.16 295.98 295.95

25 20 14.5 10 1 0
3.0 4.0 4.79 4.86 5.05 5.06
298.0 297.0 296.22 296.15 295.96 295.95

P.C.T. ASP. GUTTER
25 20 15.5 10 1 0
4.44 4.59 4.77 4.86 5.06 5.09
296.57 296.42 296.24 295.15 295.95 295.92

GROUND @ FACE WALL
25
4.9
296.1

84 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

7/490

INSIDE P.C.
ASP. Dr. Lt. @
65+01

ON GRASS
35 30
4.2 4.2
296.8 296.8

OUTSIDE P.C.
65+05 ASP. Dr. Lt.

GRASS
35 30 25
4.1 4.2 4.0
296.9 296.8 297.0

65+07

Rt. side

COR. Ret. WALL

ETW
0 10 13.5 20
5.09 5.53 5.71 5.3
295.92 295.48 295.30 295.71

+2.29

65+15.5 (SEE BELOW)

65+16.5
@ ASP. WK. LT.
SQUARE @

300.35

ASP. WK

35 30
3.32 3.45
297.03 296.90

OUTSIDE P.C.

ASP APRON UP TO CONC. WK RT.

65+15.5

0 10
4.48 4.87
295.87 295.48

CROSS-SECTION

Inst. Tape Wthr & Temp. Date Crew

85

3/10/87
SIMPSON
GENITH
KELLY

P.C. & ASP. ASP Gutter ET.W
25 20 15 10 1 0
4.46 4.64 4.79 4.89 5.08 5.09
296.55 296.37 296.22 296.12 295.93 295.92

P.C. (ETW)

20 15.5 10
4.4 4.81 4.86
296.6 296.20 296.15 295.95

@ + ON CONC.

25 @ COR. OF WALL
4.70 (NATURAL GROUND GRADE)
296.31

-1.27 B.M. R.O.C. Bot. CONC. Step
299.74 House #17 NB. 488
USE = 299.71 Pg. 60-61

298.06 T.P. Hyd. SPINDLE Page 81

EWK @ 1/2 SQ. W/B
25 20 15.5 10 1 0
3.56 3.90 4.24 4.29 4.47 4.48
296.79 296.45 296.11 296.06 295.88 295.87

P.C. & ASP

13

4.96
295.39

GRASS

20

4.33
296.02

@ + ON CONC.

25 WK.

4.02
296.33

86 BEAVER ST. FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

490 300.35 @ AND ON END CONC. WK.

CONC. WK. RT. 65+20 0 10 14 18 4.52 4.88 4.93 4.57 295.83 295.47 295.42 295.78

GAS GATE LT. GRASS RIM GAS GATE ETW 65+23.5 30 25 20 18 14 3.6 3.7 3.97 4.21 4.32 296.8 296.7 296.38 296.14 296.03

65+25 LT. 30 25 3.6 3.8 296.8 296.6

65+25 RT. 0 10 13.5 15 4.88 4.94 4.94 295.47 295.41 295.41

INSIDE P.C. TO ASP. DR. RT. 65+46 RT. 0 10 13 20 4.74 5.06 5.10 4.78 295.61 295.29 295.25 295.57

AREA OF PROPOSED DR. LT. 65+46 40 30 25 4.7 4.8 4.8 295.7 295.6 295.6

OUTSIDE P.C. TO ASP. DR. RT. 65+52 0 10 12.5 15 4.79 5.09 5.17 4.9 295.56 295.26 295.18 295.5

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

3/11/87 87 JC SIMPSON GENITTI KELLY

CONC. WK. 20 25 4.44 4.02 296.33 295.91 ET.W. 1 0 10 1 4.36 4.52 4.56 295.99 295.83 295.79

ETW 20 13.5 10 1 4.0 4.34 4.37 296.4 296.01 295.98 295.83 295.79

ASP. DRIVE 20 25 30 35 4.67 4.12 3.66 3.42 295.68 296.23 296.69 296.63

EDGE DR. 25 35 4.31 3.75 296.04 296.60

GUTTER 17 13.5 10 1 4.6 4.62 4.62 4.73 295.8 295.73 295.73 295.62

GRASS 20 25 35 4.4 4.2 296.0 296.15

88 BEAVER ST. & FRANKLIN

Inst. /490 Tape Wthr & Temp. Date 3/1/87 Crew 300.35

65+56.69
P.T. OF CURVE
ALSO
W.G. RIM ELEV.
@ HYD. RT.

0	10	12.5
4.83	5.16	5.24
295.52	295.19	295.11

65+56.69 Lt.

30	25	20	17
6.3	5.4	5.2	4.3
294.1	295.0	295.2	296.1

SWAMP Edge Lt. 65+64

45	40	35	30	25
9.1	8.8	8.2	7.8	6.5
291.3	291.6	292.2	292.6	293.9

M.H. Rt. 65+78.5

0	10	12	15
4.94	5.30	5.36	5.5
295.41	295.05	294.99	294.9

66+0

25	22	18	14.5	10	ETW
6.8	5.0	4.7	5.33	5.27	5.16
293.6	295.4	295.7	295.02	295.08	295.11
45	40	35	30	25	ETW
8.7	8.6	8.2	7.5	7.5	7.5
291.7	291.8	292.2	292.9	300.55	

+ 5.53

CROSS SECTIONS

Inst. SIMPSON GENI KELLY Tape Wthr & Temp. Date 17.5 TO E Crew

RIM W.G.	GROUND AT HYD	Bot. FLANGE	TOP FLANGE	FLANGE
15	17.5	17.5	17.5	
5.45	4.9	4.55	4.40	
294.90	295.5	295.80	295.95	GROUND ELEV
			25	4.4

GUTTER

13.5	10	ETW
4.76	4.76	4.80
295.69	295.59	295.55

20	16	ETW	ETW
4.7	4.4	4.82	4.84
295.7	296.0	295.53	295.51

20	16	ETW	Edge PAVE. AROUND C.B.	20	25	30
4.9	4.81	4.7	5.52	5.8	5.8	5.8
295.5	295.54	295.7	294.83	294.6	294.6	294.6

5.33 295.82 T.P. ON C.B. GRATE 66+04 Lt.

Inst.	Tape	Wthr & Temp.	Date	Crew
1490				300.55
C.B. Rt & Lt.		Edge PAVE	± BK 2X2	± 7.
66 + 04.5	18	15.5	14	10
	4.9	5.50	5.55	5.53
	295.7	295.05	295.00	295.02
← SWAMPY	45	30	25	20
	40			
	35			
8.9	8.8	7.8	6.7	5.0
291.7	291.8	292.2	293.9	295.6
	SWAMP	→		
	40	35	30	25
Edge SWAMP Lt.	8.2	7.9	6.8	5.7
66 + 18.5	45	292.7	293.8	294.9
	8.6			
		35	30	25
66 + 30 Lt.		5.8	5.5	5.4
		294.8	295.1	295.2
Also call				
C.B. Rt.				
66 + 50				
	30	20	15.5	10
	25			
	5.3	4.9	5.66	5.47
	295.3	295.7	294.89	295.08
	35			
	5.2			
	295.4			
C.B. Lt.				
66 + 53		35	30	25
		5.1	5.3	5.2
		295.5	295.3	295.4

Inst.	Tape	Wthr & Temp.	Date	Crew
0	10	LBK C.B.	3/11/87	SIMPSON
5.39	5.71	17.3 2x2		GENETTI
295.16	294.84	5.92		KELLY
		294.63		
		Edge PAVE.		
		18.5		
		5.80		
		294.75		
			6.00	
			294.6	
			2.5	
			6.1	
			294.5	
				2.0
				6.0
				294.6
				3.0
				5.9
				294.7
2.0	17	ETW		
5.0		13.5		
295.6	5.2	5.64		
	295.4	294.91		
			10	
			5.55	
			295.00	
				ET.W.
				1
				5.35
				295.20
				0
				5.35
				295.20
2.0		ETW		
5.2		14		
295.4		5.60		
		294.95		
			10	
			5.50	
			295.05	
				ET.W.
				1
				5.35
				295.20
				0
				5.35
				295.20
0	10	BK Edge C.B.		
5.30	5.71	15 (R/H)		
295.25	294.84	6.21		
2.5	3.0	294.34		
5.5	5.7			
295.1	294.9			
			17	
			5.5	
			295.1	
				2.0
				5.5
				295.1
18	LBK RIM			
5.2	15.2			
295.4	5.87			
	294.68			
		10		
		5.44		
		295.11		
			ET.W.	
			1	
			5.28	
			295.27	
				0
				5.29
				295.26

92 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew
 1490 300.55

OUTSIDE
 P.C. Asp. Dr. Lt.
 66+57.5

35	30	25	20
5.1	5.2	5.0	5.0
295.5	295.4	295.6	295.6

INSIDE P.C.
 TO Asp. Dr. Lt.
 66+61

Edge Dr.

35	30	25
5.21	5.30	5.36

Edge Dirt Parking
 66+72 RT.

35	30	25
5.4	5.4	5.5
295.2	295.2	295.1

Edge Asp. Dr. Lt.
 66+79.5

35	30	25
5.08	5.14	5.16
295.47	295.41	295.39

+7.09

305.15

INSIDE
 P.C. DIRT.
 66+91 DR. RT.

0	10	13	15
9.67	9.91	10.00	10.0

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew
 3/12/87 93

SIMPSON
 GENITTI
 KELLY

OUTSIDE
 P.C.

15.5	10	1	0
5.55	5.42	5.28	5.27
295.00	295.13	295.27	

P.C. +

21	16	10	1	0
5.28	5.53	5.39	5.25	5.25

Edge Drivet

20	15	12	10	0
5.3	5.6	5.66	5.54	5.18
295.3	295.0	294.89	295.01	295.37

COR. DR.
 AND S.W. GUTTER

21.5	16	10	1	0
5.09	5.30	5.18	5.13	5.14
295.46	295.25	295.37	295.42	295.41

-0.84 299.71

B.M. R.O.C. Bot-
 CONC. STEP TO
 HOUSE #17 488/60

Hyd. Spindle 298.06 Page 81
 65+50 RT.

P.C.

20	25	30	35
9.8	9.9	9.8	9.8

96 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew
1490 305.15

CONC. WK. RT.

67+3.5	0	10	14	ETW
8.62	8.73	8.87		
296.53	296.42	296.28		

BR. EDGE	22 SW	18	GUTTER
67+5.0	30	25	15.5
8.9	8.1	8.10	8.22
296.3	297.1	297.05	297.05
			296.93
			297.10

CONC. WK. RT.

67+5.2	0	10	14.5	ETW
7.80	7.92	8.10	8.0	ON GROUND AT E.W.K.
297.35	297.23	297.05	297.2	

OUTSIDE P.C. TO ASP. Dr. RT.

67+5.6	0	10	14.5	15.5
7.61	7.76	7.94	8.2	
297.54	297.39	297.24	297.0	

INSIDE P.C. TO ASP. Dr. RT.

67+6.8	0	10	14.5	GUTTER
6.95	7.15	7.22		
298.20	298.00	297.93		

INSIDE P.C. TO ASP. Dr. RT.

67+7.5	0	10	14	20
6.31	6.51	6.64	6.41	
298.84	298.64	298.51	298.74	

CROSS-SECTIONS

97

Inst. Tape Wthr & Temp. Date Crew

ON ASP. AT E.W.K.	ON END E. CONC. WK.	E WK.	3/12/87	Crew
18.3	18.3	20	25	30
8.60	8.02	7.92	7.45	7.12
296.55	297.13	297.23	297.70	298.03

ETW	ETW	ETW	ETW	ETW
0	10	14.5	17	19
7.90	8.04	8.23	8.3	7.7
297.25	297.11	296.92	296.9	297.5
				297.6
				298.1
				30

ON END E.W.K.	←	E WK.	→	6.8
18.5	20	25	30	298.4
7.48	7.41	7.15	6.85	
297.67	297.74	298.00	298.30	

18	20	25	30
7.7	7.5	7.1	6.9
297.5	297.7	298.1	298.3

ASP.	→	P.C.T.	Edge Dr.
20	25	26	30
6.97	6.77	6.73	6.64
298.18	298.38	298.42	298.51

P.C.T.	←	Edge Drive
23	25	30
6.41	6.37	6.38
298.74	298.78	298.77

98 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp. Date Crew

1490
CONC. WK. LT.
67+86
@ STEPS
36.5 35 30 25
5.68 5.75 5.85 5.88
299.47 299.40 299.30 299.27

W.G. LT.
67+87
RIM W.G.
20 18
6.02 6.03 6.10
299.13 299.12 299.05
GUTTER
15.5
ET.W.
0
5.88
299.27

OUTSIDE P.C.
TO ASP. Dr. Rt.
Also Edge Dirt Parking Rt.
67+88.5
0 10 14 15
5.78 5.97 6.17 6.2
299.37 299.18 298.98 299.0
ETW (P.C.)
15
6.2
299.0

END GRAN. CURB
LT. 35 30 25 22 18
67+93
5.6 5.4 5.4 5.48 5.56
39 299.6 299.8 299.8 299.67 299.59
5.5
299.7
BK. ASP. BK. CURB ON @ CURB
25 22 15.5 15 15 10
68+0 4.9 4.86 4.95 4.94 5.32 5.22
300.3 300.29 300.20 300.21 299.83 299.93

@ PORCH 39 35 30
5.4 5.2 5.1
299.85 300.0 300.1
308.70
8.99

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

3/12/87
20 18
6.03 6.06 6.12 5.99 5.95
299.12 299.09 299.03 299.16 299.20
GUTTER
15.5 10
ET.W. KELLY
0
5.95
299.20

10
5.96 5.88
299.19 299.27
ET.W.
0
5.88
299.27

Edge PARKING (CALL AT FENCE)
20 25 30 35
5.6 5.3 5.2 5.1
299.4 299.9 300.0 300.1

BK. CURB AND ASP. S.W. ON END CURB @ END CURB
15.5 15 15
5.62 5.62 5.76 5.56 5.54
299.53 299.53 299.39 299.59 299.61
ET.W.
0
5.06 5.28 5.32 5.02 5.04 5.0
300.09 299.87 299.83 300.13 300.11 300.2

ET.W. GUTTER ASP. APRON DIRT PARKING
0 10 14.5 18 19 25
5.06 5.28 5.32 5.02 5.04 5.0
300.09 299.87 299.83 300.13 300.11 300.2
30 35
4.9 4.7
300.3 300.5

5.42 299.73
B.M. R.O.C. BOT. CONC.
STEP TO #17
USE 299.71 N.B. 488 P.60 f61

100 BEAVER ST. x FRANKLIN

Inst. 490 Tape Wthr & Temp. Date Bot. P. 98 Crew 308.70

P.C. OF GRANITE
COR. ROUNDING BLOCK Lt. 30 25 22.5
68+02.5 8.6 8.3 8.24
300.1 300.4 300.46

W.G. Lt. 68+04.5 RIM W.G. 8 0
8.54 8.36
300.16 300.34

END CONC. S.W. Lt. 30 25 22.5 BK. COR. CURBING
68+05.5 8.5 8.0 8.06 17.8
300.2 300.7 300.64 8.08
300.62

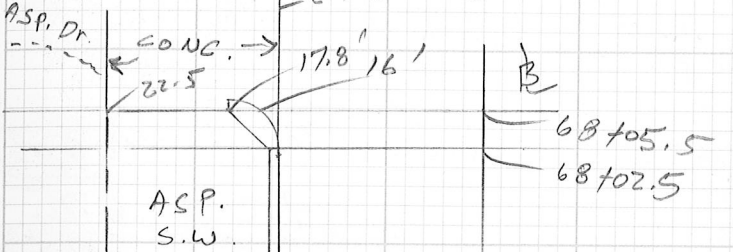
← E Asp. Dr. Lt. 35 30 25 22.7
68+16 8.25 7.80 7.39 7.31
300.45 300.90 301.31 301.39

68+25 0 10 14.5 19
Rt. Side ONLY 7.09 7.20 7.24 6.97
301.61 301.50 301.46 301.73

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date 3/12/87 Crew SIMPSON GENITTI KELLY

BK. CURB ON @ CURB
15.5 15 15 10
8.33 8.31 8.75 8.70
300.37 300.39 299.95 300.00
ETW 300.20



ON BLOCK @ GRAN. COR. BUTTER AT CONC. APRON
16 16 15 10
8.08 8.40 8.62 8.55
300.62 300.30 300.08 300.15
APRON (CONC.) BUTTER
20 18 15 10
7.39 7.59 7.93 7.87
301.31 301.11 300.77 300.83
ETW. 0 8.30 300.40 301.06

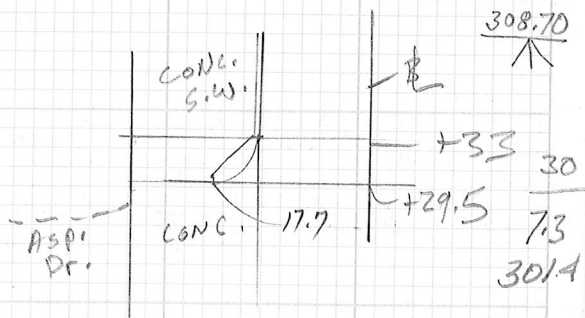
DIRT. PARKING
20 25 30
7.2 7.1 7.0
301.5 301.6 301.7

102 BEAVER ST. & FRANKLIN

Inst. 1490 Tape Wthr & Temp. Date Crew

308.70

68+29.5
INSIDE
P.C. GRAN.
BLOCK LT.



OUTSIDE
P.C. OF GRAN.
BLOCK CURB

30 25
7.2 6.2
301.5 302.5

68+48
APPROX
END. ASP.
APRON RT.

ET.W. 0 10
5.51 5.60
303.19 303.10
GUTTER 15
ASP. APRON 17
5.67 5.59
303.03 303.11

END GRAN.
CURB RT.

ET.W. 0 10
5.39 5.45
303.31 303.25
@ END CURB 15
5.49
303.21

ALSO
COR. RET. WALL
68+50 RT.

BK. S.W. (CONC.) BK. CURB ON CURB @ CURB
23 15.5 15 15 10
4.81 5.06 5.07 5.61 5.58
30 25
5.5 4.7 303.89 303.64 303.63 303.09 303.12
303.2 304.0

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew

103 JK

3/12/87
SIMPSON
GENITY
KELLY

BK. CONC. S.W. ON COR. GRAN. BLOCK gutter. ET.W.
25 23 17.7 14.8 10 0
6.4 6.35 6.55 7.06 7.00 6.80
302.3 302.35 302.15 301.64 301.90 301.90

BK. CONC. S.W. BK. CURB ON CURB @ BLOCK/CURB ET.W.
23 15.5 15 15 10 0
6.14 6.33 6.34 6.85 6.78 6.55
302.56 302.37 302.36 301.85 301.92 302.15

19 20 DIRT PARKING 30
5.68 5.8 6.0 6.0
303.02 302.9 302.7 302.7

ON CURB BK. CURB ON GROUND BK. CURB PARKING DIRT
15 15.5 15.5 17 20 25
4.88 4.87 5.1 5.2 5.5 5.7
303.82 303.83 303.6 303.5 303.2 303.0

ET.W. @ CURB ON CURB BK. CURB ON GROUND BK. CURB
0 10 15 15 15.5 15.5 15.5
5.35 5.42 5.46 4.84 4.82 5.0 5.3
303.35 303.28 303.24 303.86 303.88 303.7 303.4
303.2 302.9

S.M.H. Lt.
68+68

RIM
S.M.H.
3
3.79
304.91

E.T.W.
0
3.82
304.88

308.70
↑

+ 4.74

312.88
↑

	E.T.W.		@ CURB	ON	BK. CURB
68+74	0	10	15	15	15.5
Rt. side	7.50	7.64	7.70	7.04	7.04
Section					
RANDOM	305.38	305.24	305.18	305.84	305.84

	E.T.W.	BK. CONC. S.W.	BK. CURB	ON	@ CURB	
69+0	25	23	15.5	15	15	10
	4.7	4.68	4.90	4.95	5.49	5.43
	308.2	308.20	307.98	307.93	307.39	307.45
	30					
	4.8					
	303.9					

+ 0.06

303.30
↑

- 0.56 T.P. High Pt. S.B. 69+0 Lt.
308.14

@ FACE	RET. WALL	ON WALL	ON BK. WALL	@ FENCE
21	21	22	23	
4.7	2.64	2.65	2.7	
308.2	310.24	310.23	310.2	

E.T.W.	@ CURB	ON	BK CURB	@ RET. WALL
0	10	15	15.5	21.5
5.20	5.31	5.44	4.87	2.6
307.68	307.57	307.44	308.01	310.3
ON WALL	@ FENCE			
21.5	24.5			
2.11	1.6			
310.77	311.3			

- T.P. Hi-point + stone
9.64 303.24

- 5.26 298.04 OK Hyd. spindle Page B/
65+50 Rt. (298.06)

106 BEAVER ST. ~ FRANKLIN

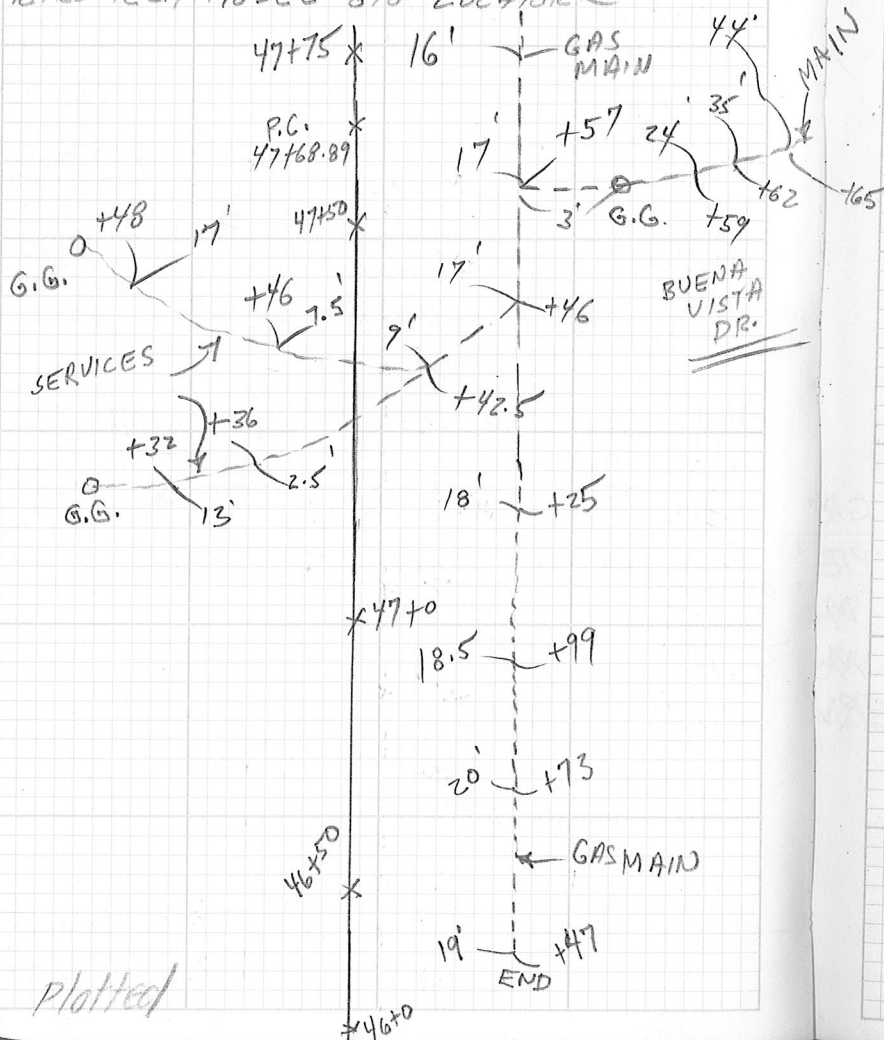
Inst. 490 Tape

Wthr & Temp.

Date

Crew

LOCATION OF GAS MAIN - USE THESE LOCATIONS IN CONJUNCTION WITH PLANS FROM THE GAS COMPANY OBTAINED 3/18/87 TO PLOT GAS LINES FROM MAIN TO THE GAS GATES IN THE FRONT YARDS. THESE LOCATIONS ARE SCOPED BY US USING METRO-TECH MODEL 810 LOCATOR.



GAS MAIN LOCATIONS 107

Inst.

Tape

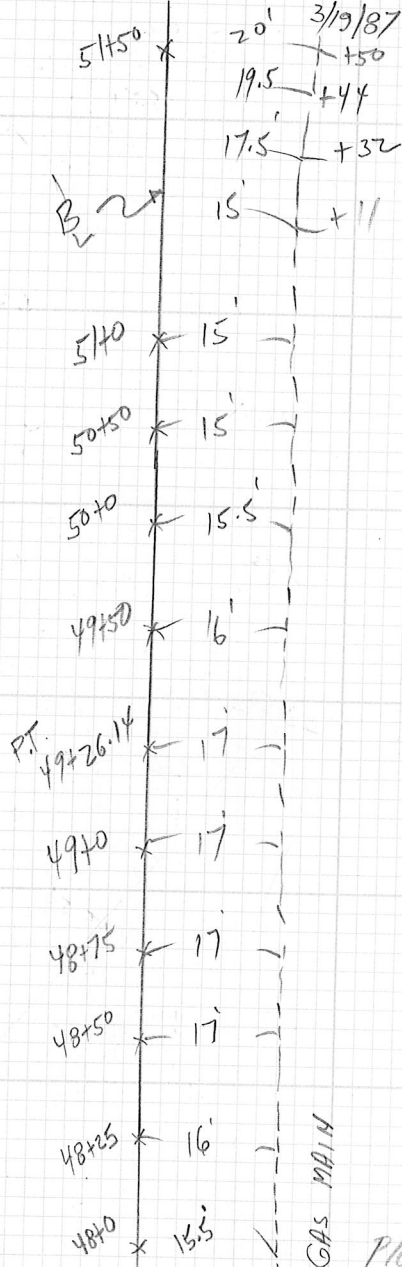
Wthr & Temp.

Date

Crew

SIMPSON
GENITY
KELLY

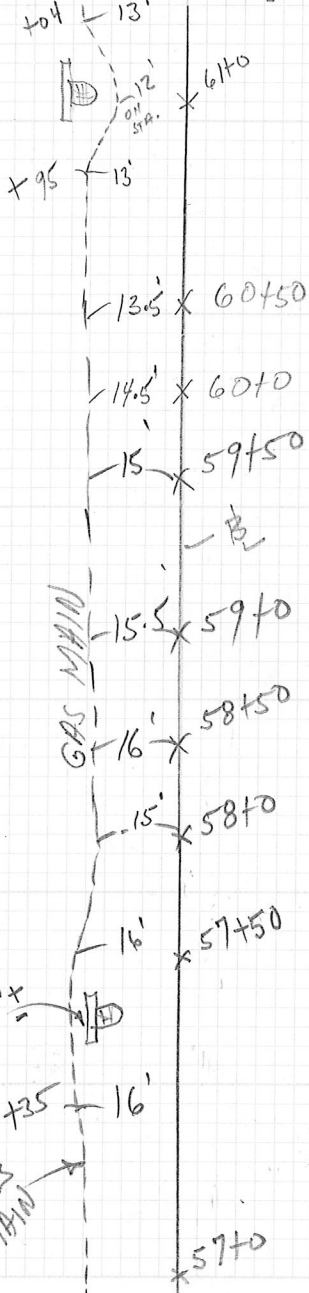
NOTE: SEE GAS PLANS FOR MORE OFFSETS TO MAIN AND SERVICES



110 BEAVER ST. & FRANKLIN

Inst. Tape Wthr & Temp.

Date 3/19/87 Crew



ST.

BEAVER

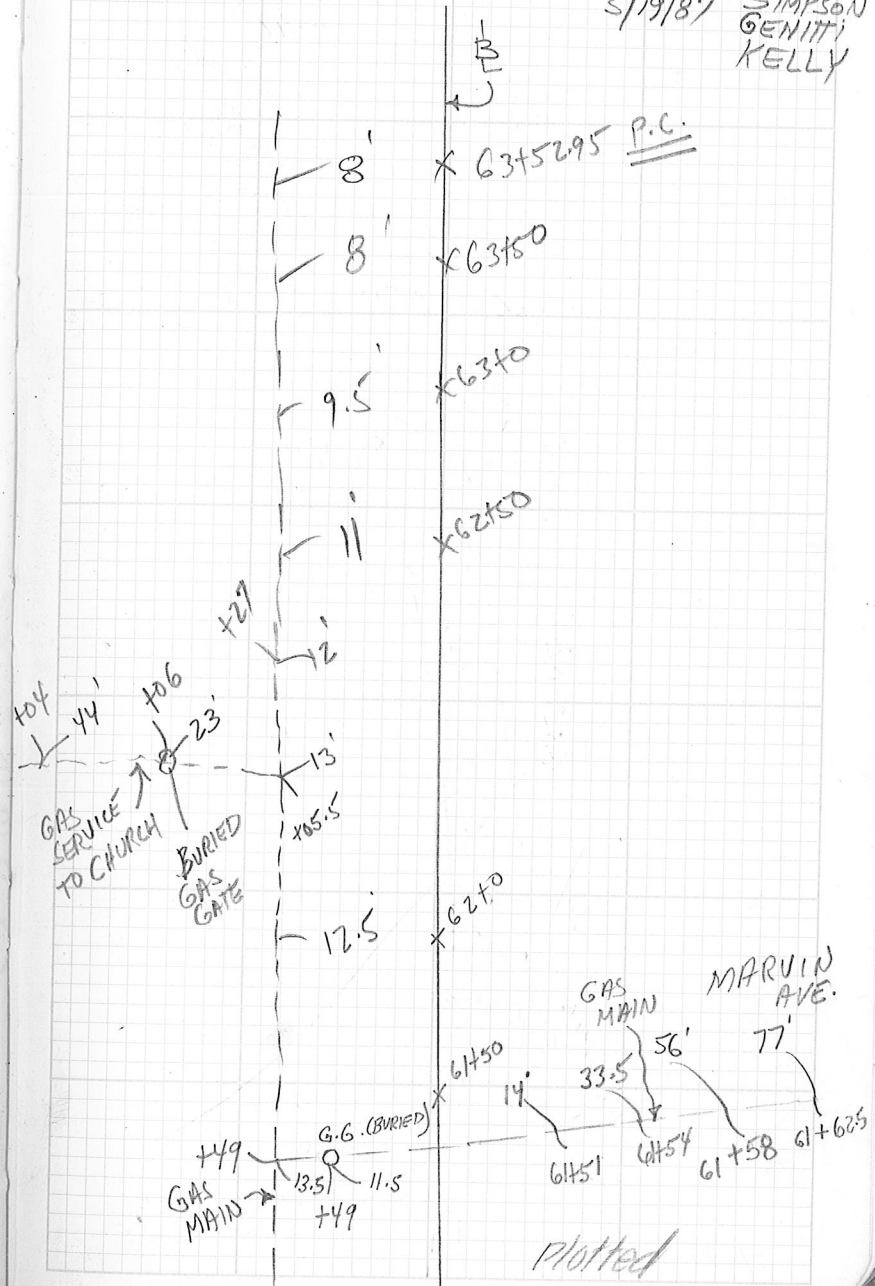
SEE GAS PLANS FOR PIPE SIZES

Plotted

111 GAS MAIN LOCATIONS

Inst. Tape Wthr & Temp.

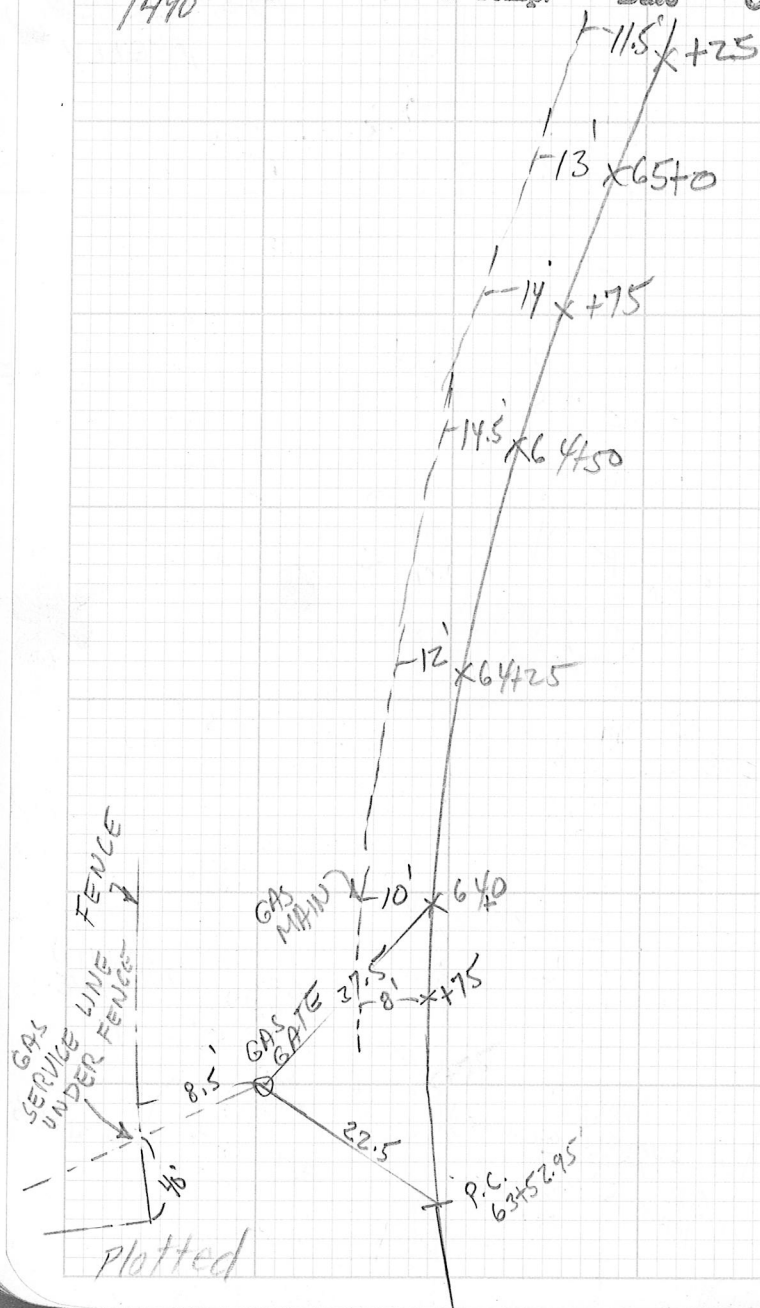
Date 3/19/87 Crew SIMPSON GENITTI KELLY



Plotted

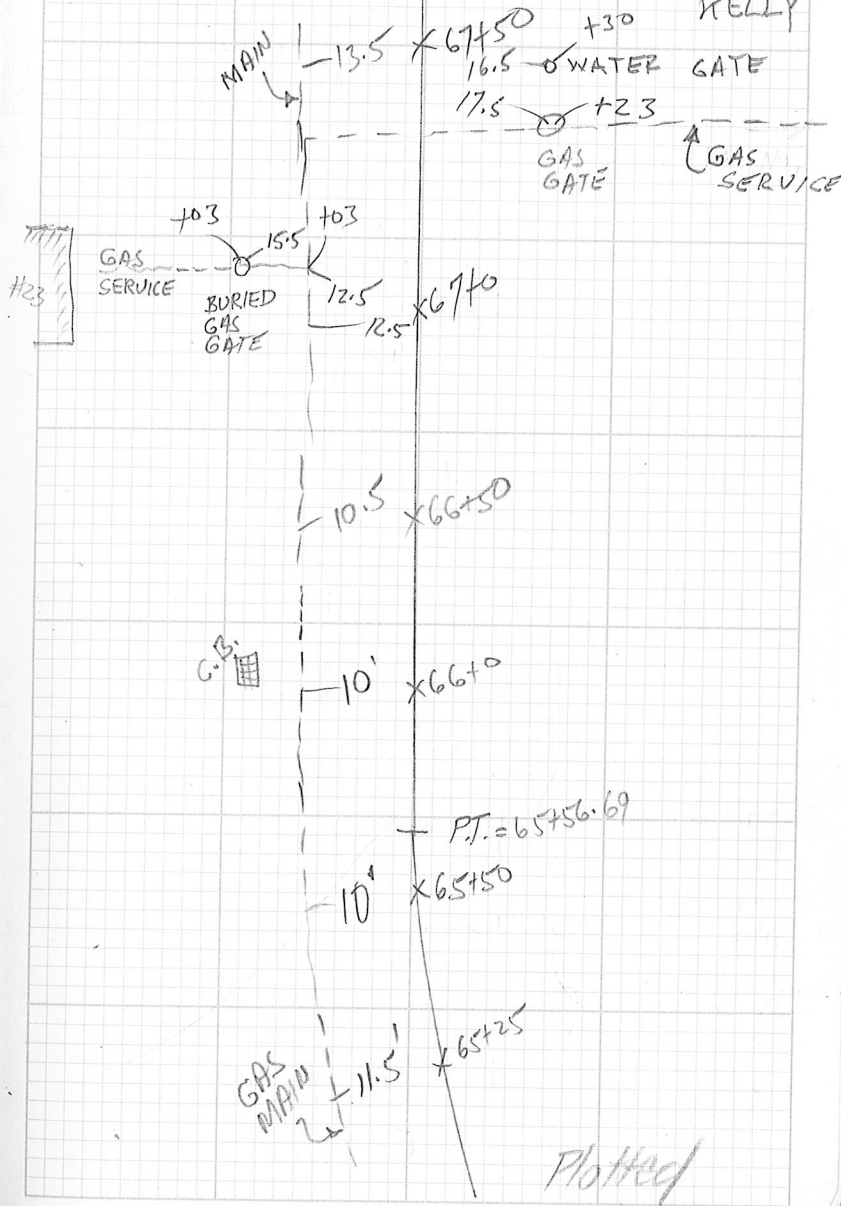
112 BEAVER ST. & FRANKLIN

Inst. 1490 Tape Wthr & Temp. Date Crew



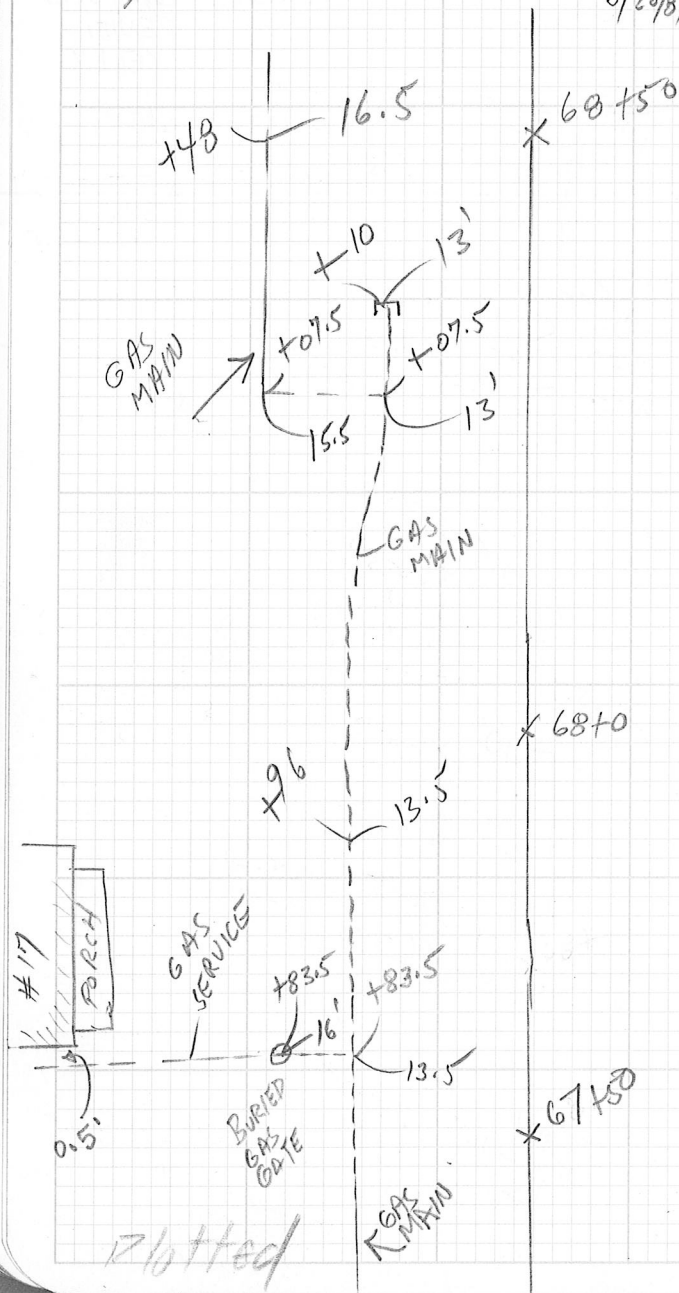
113 GAS MAIN LOCATIONS

Inst. 3/20/87 Date Crew SIMPSON GENITH KELLY



114 BEAVER ST. ~ FRANKLIN

Inst. /490 Tape Wthr & Temp. Date 3/20/87 Crew



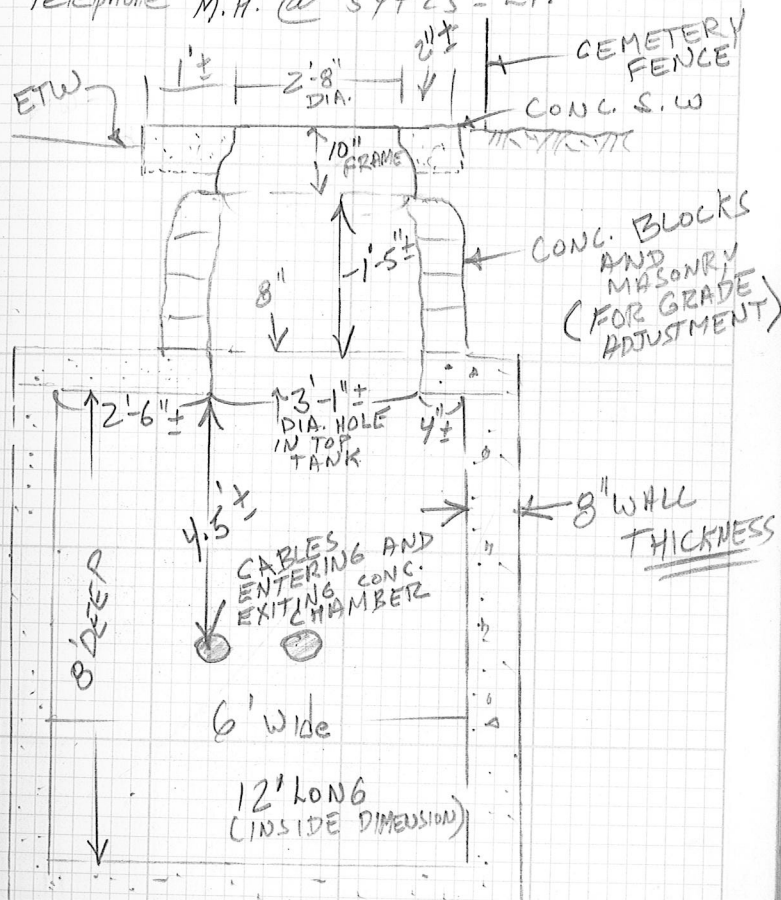
GAS MAIN LOCATIONS

Inst. Tape Wthr & Temp. Date 3/20/87 Crew SIMPSON, GENITHI, KELLY

UNDERGROUND TELEPHONE LINES

Note: Although the underground Tele. Line (Cemetery side of Beaver St.) was not scoped the M.H. Below was opened to get an idea of depth etc.

Telephone M.H. @ 54+25[±] Lt.



CROSS-SECTIONAL VIEW (FACING TOWARDS WEST CENTRAL ST.)

116/490

Inst. Tape

Wthr & Temp.

Date

Crew

117

118/ ADDITIONAL X SECTION
 Inst. #5 Tape Wthr & Temp. Date Crew

+13.39

274.12

100 75
 2.02 3.09
 272.10 271.03

48+68.5 LT
 E Asph ENT
 FROM (PG 36)

BEAVER STREET FRANKLIN 119 JL
 Inst. #5 Tape Rod Wthr & Temp. Date Crew
 PG 60 MAR 87 PRISCO
 LEONE
 LEBESU

B.M. R.O.C. BOT CONC STEP
 NEW DUPLEX Elev (260.73)
 STA 47+52 LT 65' NB 488/68

DR

50
 4.84
 269.28

- 5.04 269.08

B.M. R.O.C. BOT CONC STEP
 AT PORCH HSE #124
 PG 60
 Elev (269.08)

✓ AP

120

Inst.

490

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

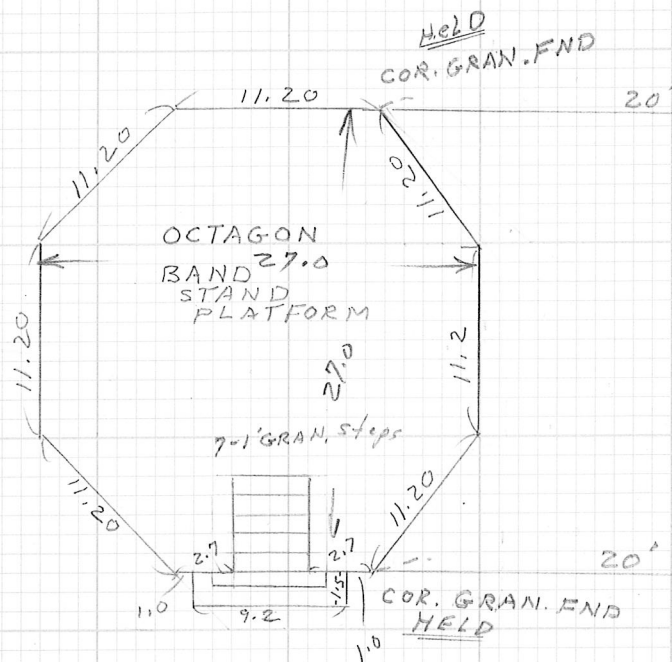
Wthr & Temp.

Date

121

Crew

122/490 DETAIL BAND STAND
 Inst. Tape Wthr & Temp. Date Crew



HIGH ST.

MAIN ST. & HIGH ST FRANKLIN 123
 Inst. #3 Tape Rod Wthr & Temp. FAIR 90°± 8/3/08 Date Crew Leone Crowley Kelly

#1
 spk (set)
 90°

#2
 spk (set)
 90°
 27.55'

MAIN ST.

Plotted

Inst.

Tape

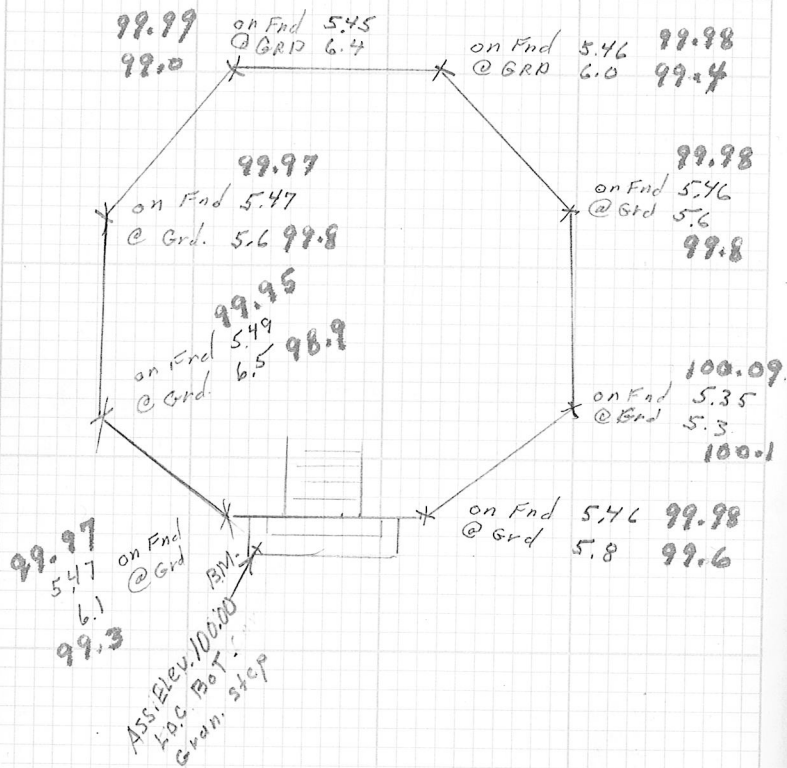
Wthr & Temp.

Date

Crew

+ 5.44

105.44



+ 5.10 104.22

Inst.

Tape

Wthr & Temp.

Date

Crew

#3

Rid

FHR

90

8/9/88

LEONE

CROWLEY

KELLY

BM 100.00 Assumed L.O.C. Bot. Grain. Stop

Pg 126

- 6.32 99.12 T.P. High Point Stone

- 422 BM 100.00 BM. Pg 126

Inst.

Tape

Wthr & Temp.

Date

Crew

set $\nearrow$ 70°

27.55

Pg. 123

spk #2 Pg 123

spk #1

ANGLE	DIST	+	H.I.	R.R.	ELEV.
		544	10544		100.00
08-00	7.0			5.2	100.2
68-20	12.5			4.5	100.9
15-0	4.6			5.2	100.2
1-50	5.4			6.0	99.4
337-0	64			6.2	99.2
332-10	49			6.7	98.7
310-30	75			7.8	97.6
307-0	80			8.0	97.4
294-16	69			7.4	98.0
239-0	49			6.0	99.4
210-20	51			5.1	100.3
200-10	56			4.8	100.6
70-20	27			4.5	100.9
200-0	22			4.8	100.6
47-30	25			4.7	100.7
351-40	41			6.0	99.4
309-20	60			7.4	98.0
0	0			5.2	100.2
209-40	92			4.7	100.7
182-10	75			4.0	101.4
278-0	56.5			6.7	98.7

+ 5.10

104.22 ✓

P/otted

Inst.

Tape

Wthr & Temp.

Date

Crew

Pg. 123

Red

FAIR 90°E

8/3/88

LEONE
CROWLEY
KELLY

129 JK

REMARKS

B.M. L.O.C. Bot. GRAN- step Pg 126

ETW

on GRASS

@ CONC. LIGHT BASS

@ TW

@ 30" M. TREE

ETW

@ TW

@ CONC. LIGHT BASS

@ 20" ASH TREE

ETW

@ TW

@ TW

on

ETW

on GRASS

Cor.

Cor.

@ T

@ TW

@ TW

- 6.32

99.12 ✓

T.P. High Point + Stone

- 4.22

Elev 100.00 ✓

Pg. 126

130

490

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

131

132/490

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

133

134/490

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

135

136/490

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

137

138/490

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

139

140

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

141

142/490

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

143

144/490

Inst. Tape Wthr & Temp. Date Crew

145 7

Inst. Tape Wthr & Temp. Date Crew

146/490

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

147

148/490

Inst.	Tape	Wthr & Temp.	Date	Crew
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Inst.

Tape

Wthr & Temp.

Date

Crew

149

150

490

Inst. Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

151

152/490

Inst. Tape Wthr & Temp. Date Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

153

154/490

Inst. Tape Wthr & Temp. Date Crow

Inst.

Tape

Wthr & Temp.

Date

Crew

155

156/490

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

157

158/490

Inst. Tape Wthr & Temp. Date Crew

Inst.

Tape

Wthr & Temp.

Date

159
Crew

160/490

Inst.

Tape

Wthr & Temp.

Date

Crew

Difference
Elevation

30.1

30.8

31.5

32.1

32.8

33.5

34.1

34.7

35.4

36.0

36.6

37.2

37.7

38.3

39.0

39.4

39.9

40.5

41.0

42.0

41.9

42.4

42.9

43.3