

NORFOLK COUNTY
ENGINEERS DEPT.

NO. 160

/60

F.B. 160
COUNTY OF NORFOLK
ENGINEERING DEPT.
649 HIGH STREET
DEDHAM, MA 02026

1-781-461-6128

Inst.

Tape

Wthr & Temp.

Date

Crew

1
160

2/ Randolph St
160

Canton

Prelim x-Sections

Aug. 1950

3

207.24 ✓

Sec N.B. 133 P. 159

50+06 E Walk Rt. askew
E. 0 10 20
4.4 4.2 4.4
2028 2030 2028

@ st. wall
26 30 40 50 60
4.4 4.2 4.0 3.8 3.7
2028 2030 2032 2034 2035

50+35 E Walk Rt. askew
E. 0 35 15
4.9 4.8 5.0
2023 2024 2022

@ st. wall
20 30 40 50
4.8 4.5 4.3 4.1 3.9
2024 2027 2029 2031 2033

50+35 E Drive Lt. askew
E. 0 9 20
4.9 5.3 5.5
2023 2019 2017

@ st. wall
30 40 50 75 100 125
5.7 6.0 6.4 7.6 9.7 11.6
2015 2012 2008 1996 1975 1956

50+50 60 50 40 30 26 20 E 0
9.5 8.3 7.3 6.3 5.8 5.8 5.5 5.3
1977 1989 1999 2009 2014 2014 2017 2019

@ st. wall
4 11 14 17 18 30 37 45 50
5.2 5.4 5.4 4.7 2.6 3.2 3.5 4.8 4.6
2020 2018 2018 2025 2046 2040 2037 2024 2026

51+0 Back Top
50 40 30 29 27 26 23 E 0
8.7 8.2 7.4 7.4 6.5 7.2 7.8 7.7 7.4 7.5
1985 1990 1998 1998 2007 2000 1994 1995 1998 1997

@ wall Top
1 5 6 10 20 30 40 50
7.5 6.1 4.1 4.8 5.6 6.6 7.8 8.6
1997 2011 2031 2024 2016 2006 1994 1986

51+50 Top
35 34 30 27 17 E 3
9.0 10.3 10.8 11.0 10.6 10.6 9.4 7.1
1982 1969 1964 1962 1966 1966 1978 2001

Front Top
1 0 10 20 30 40 50
8.9 8.9 9.2 10.1 10.5 10.7 10.7
1983 1983 1980 1971 1967 1965 1965

60 50 40 36
12.5 11.7 11.2 10.8
1947 1955 1960 1964

51+44 103 Lt. Sill of Barn 12.28 19496

231 198.77 10.78 196.46 T.P. stone in street

checked by N.K.

AD
4/160

198.77 ✓

AD
5

			E	± T.W.	E	Front	Top	@ wall		10	20	30	40	50	
52+0	34	32	30	30	10	9	5	4	0	10	20	30	40	50	
	53	59	60	5.7	6.1	5.2	3.9	4.5	4.7	4.9	5.6	5.9	5.8	5.7	
1935		1929	1928	1931	1927	1936	1940	1949	1943	1941	1939	1932	1929	1930	1934

		Back	Top	@ wall
60	50	39	38	37
63	59	54	5.7	54
1925	1929	1934	1951	1934

					Top	@ wall	E	± T.W.	E		@ wall	Top						
52+50	60	50	40	33	31	30	24	16	4	2	0	1	2	3	10	20	30	50
	7.5	7.8	8.2	8.1	6.5	8.2	8.7	8.8	9.4	8.6	8.8	8.7	6.7	7.6	8.0	8.8	9.6	10.0
	1913	1910	1906	1907	1923	1906	1901	1900	1894	1902	1900	1901	1921	1912	1908	1900	1892	1888

52+50 75 Lt Sill of House 6.53 19224

2.92 191.51 10.18 188.59 T.P. tack Pole 71 7.16 182.35 Vert Spk Root 24" O (182.32)

	± Drive				Back Top		@ wall	E	± T.W.	E.T.W.	@ wall	Top	Back						
53+0	66	50	40	30	21	19	}	18	10	0	10.5	13	14	15	16	20	30	40	50
	2.4	2.7	2.6	3.2	3.7	2.0		4.1	4.8	5.0	3.6	4.7	4.5	2.7	4.0	4.3	4.4	5.2	5.7
	189.1	1888	1889	1883	1878	1895	1874	1867	1865	1859	1868	1870	1888	1875	1872	1871	1863	1858	

53+33	± Drive Lt. 2 skew	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>75</u>	<u>100</u>	<u>125</u>	<u>150</u>
		6.6	6.1	5.7	5.2	4.4	3.7	2.3	1.1	0.7	1.6
		1849	1854	1858	1863	187.1	1878	1892	1904	1908	1899

							@ wall	Top	Front	E.T.W.	± T.W.	E.T.W.	@ wall	Top				
53+50	50	40	30	20	10	0	1	2.5	40	13	24	30	37	40	41	42	50	
	4.4	5.4	6.2	7.1	7.8	7.7	7.5	5.5	7.1	7.8	7.7	7.9	8.4	7.3	5.5	6.8	6.8	
	1871	1861	1853	1844	1837	1838	1840	1860	1844	1837	1838	1836	1831	1842	1860	1847	1847	

53+80 Rt 130 6.23 188.55 182.32 Vert. Spk Root 24" Oak

53+62 start Plowed 6.0 1826

		Plowed						Plowed		Top				E	± T.W.
54-	50	40	30	20	10	0	12	20	30	40	41	42	47	51	63
	7.0	7.8	8.6	8.6	8.9	8.9	8.6	7.9	8.0	7.1	5.3	6.7	6.5	7.6	7.5
	1816	1808	1802	1800	1797	1797	1800	1807	1806	1815	1833	1819	1821	1810	1811

checked by M.K.

	188.55			Plowed							Plowed		
54+	50	40	30	20	10	0	10	20	30	40	50	60	73
	11.1	10.9	10.9	10.6	10.6	10.7	10.9	11.0	10.7	10.8	10.5	10.2	10.0
	1775	1777	1777	1780	1780	1779	1777	1776	1779	1778	1781	1784	1786

54+							0	82	0	83	84
								9.0	8	7.1	9.2
								1796		1815	1794

Top

T.P.	0.03	<u>182.13</u> ✓					6.45	<u>182.10</u> ✓		Mark on Wall					
55-	50	10 Plowed								Plowed					
	<u>50</u>	<u>30</u>	<u>20</u>	<u>10</u>	<u>0</u>	<u>10</u>	-	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
	7.4	6.7	6.3	5.8	6.6	6.9		6.3	6.4	6.1	6.3	6.4	6.5	6.5	6.5
	1747	1754	1758	1763	1755	1752		1758	1757	1760	1758	1757	1756	1756	1756

55+	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90
	9.8	9.8	10.1	10.4	10.8	11.2	11.4	11.3	11.4	11.4	11.5	11.4	11.4	11.5	11.4
	1723	1723	1720	1717	1713	1709	1707	1708	1707	1707	1706	1707	1707	1706	1707

T.P.	0.75	173.65			9.23	172.90			Mark on ledge					
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56-	50	40	30	20	10	0	10	20	30	40	50	60
	4.8	5.0	5.3	5.3	5.8	6.1	6.1	6.3	6.9	7.2	7.3	7.2
	1689	1687	1684	1684	1679	1676	1676	1674	1668	1665	1664	1665

56+	60	50	40	30	20	10	0	10	20	30	40	50	60
	10.4	10.2	9.7	9.8	9.8	9.3	9.3	9.3	9.3	10.1	9.6	9.7	9.6
	1633	1635	1640	1639	1639	1644	1644	1644	1644	1636	1641	1640	1641

T.P.	2.24	164.36			11.53	162.12							
57-	60	50	40	30	20	10	0	10	20	30	40	50	60
	4.6	5.3	5.5	5.8	5.8	6.1	5.8	5.9	5.5	5.7	5.3	4.7	4.2
	1598	1591	1589	1586	1586	1583	1586	1585	1589	1587	1591	1597	1602

57+42 End Plowed land 8.5 1559

57+	60	50	40	30	20	10	0	10	15	20	30	40	50	60
	7.8	7.8	7.9	8.0	8.1	8.3	8.3	8.5	8.5	8.4	8.5	8.9	8.6	8.1
	1566	1566	1565	1564	1563	1561	1561	1559	1559	1560	1559	1555	1558	1563

checked BY M.K.

8/160 Randolph St ✓

Canton

AD 9

60	50	40	30	20	10	0	10	20	30	40	50	60
10.2	10.3	10.2	10.2	10.2	10.1	10.2	10.2	10.1	9.9	10.0	10.0	10.0
1542	1541	1542	1542	1542	1543	1542	1542	1543	1545	1544	1544	1544

Marsh

60	50	40	30	20	10	0	10	20	30	40	50	60
10.6	10.7	10.7	10.6	10.6	10.5	10.6	10.6	10.6	10.6	10.5	10.6	10.6
1538	1537	1537	1538	1538	1539	1538	1538	1538	1538	1539	1540	1538

Marsh

60	50	40	30	20	10	0	10	20	30	40	50	60
10.4	10.6	10.5	10.5	10.4	10.5	10.5	10.5	10.7	10.7	10.7	10.7	10.7
1540	1540	1539	1539	1540	1539	1539	1539	1537	1537	1537	1537	1537

59+37 Edge Brook 10.6 1538

59+38 In " (Dry) 11.1 1533

59+40 " " 11.1 1533

59+41 Bank 10.0 1544

100	50	0	50	100	Ground	1st 12' box	Top Stone Marker
10.8	11.0	11.1	11.0	10.9	10.9	10.70	7.9
1536	1534	1533	1534	1535	1535	15366	1565

60	50	40	30	20	10	0	9	10	15	16	30	40	50	60
10.5	10.5	10.5	10.5	10.5	10.3	9.7	10.3	11.0	11.0	10.6	10.6	10.6	10.5	10.6
1539	1539	1539	1539	1539	1541	1547	1541	1534	1534	1538	1538	1538	1539	1538

Brook

T.P. 2.24 163.31 3.28 161.08 (161.07) Tack pole 3 1/2 N.B. 133 P.90

65	55	50	40	30	20	10	0	10	20	30	40	50	60
7.0	6.8	8.8	9.3	9.3	9.5	9.5	9.6	9.6	9.5	9.5	9.7	9.8	9.7
1563	1565	1545	1540	1540	1538	1538	1537	1537	1538	1538	1536	1535	1536

Marsh

58	50	46	34	30	20	10	0	10	20	30	40	50	60
6.7	6.6	6.6	6.5	9.2	9.2	9.1	9.0	9.3	9.2	9.5	9.5	9.7	9.7
1566	1567	1567	1568	1541	1541	1542	1543	1540	1541	1538	1538	1536	1536

10+60 Lt 30 Top Bank 6.4 1559

50	44	42	33	23	21	17	10	0	10	20	30	38	44	50	59
9.0	6.5	6.3	6.4	6.5	6.2	8.1	9.4	9.8	9.7	9.7	9.5	9.3	5.0	5.5	5.4
1543	1568	1570	1569	1568	1571	1552	1539	1535	1536	1536	1538	1540	1583	1578	1579

checked by M.K.

10/ Randolph St ✓
160

Canton

Aug. 1950

AD 11

61+20 Rt 30 Bot Bank 9.6 1537
61+20 Rt 30 Top " 6.3 1570

61+30 Lt 12 Inv 15" Iron Pipe 9.19 15412
61+35 Lt 45 " " " 9.48 15383

	50	42	38	34	25	15	11	6	0	10	17	25	34	47	58
	9.6	9.3	5.8	6.0	6.0	6.0	6.0	8.2	9.2	8.9	8.3	5.8	5.4	5.0	5.4
	1537	1540	1575	1573	1573	1573	1573	1551	1541	1544	1550	1575	1579	1583	1579

61+41 Rt 15 4.57 162.35 X 5.50 157.81 157.78 Spk 18" M. N.B 133 P 90
61+51 Ground 6.3 1561

	60	48	45	40	29	17	4	0	10	12	23	30	35	38	46	50	60
	8.9	8.4	7.0	5.5	5.3	5.0	5.0	5.3	4.6	4.5	4.2	4.4	4.5	4.5	8.4	8.7	8.9
	1535	1540	1554	1569	1571	1574	1574	1571	1578	1579	1582	1580	1579	1579	1540	1537	1535

62+18 Rt 30 Ground 4.6 1578

62+27 Rt 30 Ground 8.2 1542

62+32 Edge TW 4.5 1579

	50	40	30	25	15	10	6	0	8	18	22	25	30	40	50	60
	7.7	6.9	5.5	5.2	5.0	4.6	4.4	4.4	4.3	4.7	4.6	7.0	7.6	8.1	8.4	8.5
	1547	1555	1569	1572	1574	1578	1580	1580	1581	1577	1578	1554	1548	1543	1540	1539

	50	40	30	21	10	6	0	7	10	20	30	40	50
	4.9	4.8	4.6	4.6	4.0	3.9	4.1	4.2	4.0	5.5	6.7	7.5	7.9
	1575	1576	1578	1578	1584	1585	1583	1582	1584	1569	1557	1549	1549

	300	250	200	150	100	50	40	28	10	0
	6.0	5.8	5.4	5.0	5.0	4.8	4.7	4.2	4.1	4.0
	1564	1566	1570	1574	1574	1576	1577	1582	1583	1584

63+30 Edge TW 4.0 1584

T.P. 9.36 167.82 3.89 158.46 3pk in st

✓ 8/21/50 A.D.

AP 12 / Randolph St

167.82 ✓

63+160	50	40	35	30	25	20	15	10
	10.6	10.3	8.8	9.1	9.4	8.9	9.2	
	1572	1575	1590	1587	1584	1589	1586	

Canton

Prelim x- Sect

Aug. 1956

0	2	6	10	20	30	40	50
9.3	9.7	11.3	11.4	11.9	12.2	12.6	13.5
1585	1581	1565	1564	1559	1556	1552	1543

63+80 1/2 Ground 9.2 1586

63+90 1/2 Dirt Drive Lt.

100	75	50	40	27	16	8	3	0
2.7	5.2	7.0	7.7	8.6	8.4	8.6	8.4	9.9
1651	1625	1608	1601	1592	1594	1592	1594	1579

64-

50	40	30	27	17	9	5	0	10	20	30	40	50
6.9	7.5	8.2	8.4	8.2	8.4	8.1	10.0	10.7	11.4	11.9	12.2	12.7
1609	1603	1596	1594	1596	1594	1597	1578	1571	1564	155.9	1556	1551

64+

50	40	31.5	30	29	19	9	6	1	0	1	10	20	30	40	50
2.5	3.4	5.1	6.6	7.6	7.6	7.8	7.3	7.2	7.7	8.2	9.2	10.1	10.8	11.2	11.7
165.3	1644	1627	1612	1602	1602	1600	1605	1606	1601	1596	1586	1577	1570	1566	1561

64+78 Lt. 58 Sill House 70.14 16796

50	40	34	33	31	29	20	11	7	3	0	10	20	30	40	50
1.1	2.1	4.6	5.7	6.7	7.0	6.9	7.0	6.2	7.7	8.0	8.5	9.0	9.5	9.8	10.2
1667	1652	1632	1621	1611	1608	1609	1608	1616	1601	1598	1593	1588	1583	1580	1576

TP

8.71

169.98 ✓

6.55

161.27 ✓

Stone

65+

50	40	36	34	31	23	15	11	10	0	10	20	30	40	50
4.6	5.7	6.3	7.7	8.6	8.5	8.5	8.4	8.0	9.8	10.5	10.7	11.1	11.5	11.9
1654	1643	1637	1623	1614	1615	1615	1616	1620	1602	1595	1593	1589	1585	1581

Sill House

66-

50	43	37	32.5	24	14.5	11	6	0	10	20	30	40	50
0.58	3.2	3.9	7.2	7.7	7.6	7.5	7.0	8.2	9.1	9.6	10.1	10.6	11.0
169.40	1668	1661	1628	1623	1624	1625	1630	1618	1609	1604	1599	1594	1590

66+10

1/2 Conc Steps +
F/295 1092 Wall Lt

Top Top Top Bot
Step Step Step

71	70	70	60	50	41
0.22	0.97	1.6	2.2	2.9	3.86
16976	16901	1684	1678	1671	16612

Top Bot
Conc Step

37	37	33	24	14	11	7	0
6.72	7.6	7.4	7.4	7.3	6.7	7.9	8.8
16326	1630	1626	1626	1627	1633	1621	1612

✓ 8/22/50 A.D.

AD
14

664/160

50	45	37	32	23	15	13	12	6	0	10	20	30	40	50
2.9	3.0	5.7	6.3	6.3	6.4	5.6	5.7	7.3	7.7	7.8	8.1	8.4	8.4	8.4
167.1	1670	1643	1637	1637	1636	1644	1643	1627	1623	1622	1619	1616	1616	1616

66457

50	40	31	23	14	12	7	0
5.1	5.8	6.0	6.1	6.1	5.3	7.0	7.3
1649	1642	1640	1639	1639	1647	1630	1627

66458 & Hillsview St
A.S.L.

150	100	50	40	32	23	14	11	7	0
+3.4	1.1	4.7	5.3	5.8	6.0	6.1	5.0	6.9	7.3
1734	1689	1653	1647	1642	1640	1639	1650	1631	1627

67-

50	40	34	30	19	8	5	0	10	20	30	40	50
3.3	3.5	3.8	4.7	4.5	4.8	4.2	6.0	6.5	6.6	6.8	6.6	6.9
1667	166.5	1662	1653	1655	1652	1658	1640	1635	1634	1632	1636	1631

67+20

R & Edge TW 3.2 1668

67+39

R & Edge TW 3.3 1667

T.P

9.76

176.14

3.60

166.38

Stone

67+

50	40	30	22	19	7	0	3	7	20	30	40	50
6.7	8.4	8.6	8.3	9.1	8.6	8.8	8.8	8.4	8.2	8.0	7.7	7.7
169.4	1677	167.5	1678	1670	1675	1673	1673	1677	1679	1681	1684	1684

67+60 Lt

Sill House

3.88

17226

67+60 Lt

Top Conc. Step

3.94

17220

67+70 Sill House Rt

5.81

17033 E

67+82 & Dirt Drive Rt

0	2	15
7.2	7.1	7.4
1689	1690	1687

30	40	50	75	100
7.5	7.6	7.7	7.7	7.6
1686	1685	1684	1684	1685

67+91 & Dirt Drive Lt

75	50	40	30	20	10	0
5.3	5.4	5.8	6.2	6.7	6.9	6.8
170.8	170.7	1703	1699	1694	1692	1693

68-

50	40	30	20	10	0	10	23	27	30	40	50	60
5.2	5.2	5.6	6.0	6.4	6.5	6.1	6.0	5.5	5.5	5.6	5.5	5.4
170.9	1709	170.5	1701	1697	1696	1700	1701	1706	1706	1705	1706	170.7

✓ 8/22/50 A.D.

16

Randolph St 176.14 ✓ Canton

17

68+160 Loose Fill from Collier Hole

51	44	30	22	18	7	2	0	8	20	30	40	50	E	61	65
4.5	7.3	0.5	0.1	2.7	2.5	4.0	3.9	3.5	3.1	2.8	2.2	1.8	1.7	0.9	
1716	1748	1756	1760	1734	1736	1721	1722	1726	1730	1733	1739	1743	174.4	1752	

67+75 R50

5.87

170.27 ✓

L.O.C. Conc. Platform P.90 (170.29) N.B. 133

67+17 Lt 59

5.06

183.67 ✓

178.61 ✓

L.O.C. Bot Conc Step P.90 N.B. 133

68+59 B & Edge TV

11.2

1725

68+80 B

8.7

1750

69-	50	40	30	20	10	0	2	E	2TV	30	40	50	E	60	70
	7.9	8.5	8.3	8.2	8.1	7.7	8.0	7.1	8.4	8.0	7.5	4.9	6.5	5.7	
	1758	1752	1754	1755	1756	1760	1757	1746	1753	1757	1762	1768	1772	1780	

69+38 B & Edge TV

7.5

1762

69+	50	40	30	20	10	E	0	10	2TV	30	E	40	50	60	70
	6.8	7.3	7.2	7.0	7.2	7.1	7.0	6.7	6.6	6.4	6.3	5.9	6.1	5.6	5.0
	1769	1764	1765	1767	1765	1766	1767	1770	1771	1773	1774	1778	1776	1781	1787

69+68 Lt 59

Sill Top Top Conc Step
6.5 12 4 steps
3.94 3.42
179.73 180.25

Top Bot Conc Step
5.9
5.06
178.61

70-	50	40	30	20	10	E	0	8	20	E	24	26	30	40	50
	4.9	4.6	4.1	4.1	4.9	5.3	5.2	5.0	4.9	4.8	4.6	4.0	4.1	4.5	
	1788	1791	1796	1796	1788	1784	1785	1787	1788	1789	1791	1797	1796	1792	

70+14 & Dirt
Drive Lt

75 50
2.6 3.3
181.1 180.4
1800 1798 1798 1790 1790 1791

70+32 Conc Steps Left

Sill Top Top Conc Step
5.3 5.3
0.81 0.94
182.86 182.73
1.55
182.12

70+	50	40	30	20	10	E	0	10	E	16	19	30	40	50
	2.6	2.8	3.0	3.1	3.8	3.5	3.6	3.6	3.6	3.5	1.9	1.3	0.6	0.6
	181.1	1809	180.7	180.5	1799	1802	1801	1801	1801	1802	1818	1824	1831	1831

✓ 8/22/50 A.D.

18

Randolph St 183.67 ✓

Canton

Aug. 1950

19

T.P. 1160

7.60

188.36 ✓

2.91

180.76 ✓

Stone

71-	50	40	30	20	14	10	0	9	11	13	20	30	40	50
	6.7	7.0	7.1	7.0	7.0	7.6	7.2	7.5	7.3	6.5	6.8	5.9	5.7	5.5
	181.7	1814	1813	1814	1814	1808	1812	1809	1811	1819	1816	1825	1827	1829

71+30 Conc Walk Left

5.11	4.8	4.5	4.5	3.0	2.2	2.2	7.5	0
3.47	2.68	step	4.70	5.58	6.22	6.48	6.7	6.8
18489	18568		18366	18278	18214	18188	1817	1816

71+	50	40	30	20	13	3
	6.0	6.0	6.2	6.5	6.5	6.3
	1824	1824	1822	1819	1819	1821

0	6.5	10	20	30	40	50
6.3	6.5	5.9	5.8	5.8	5.8	4.8
1821	1819	1825	1826	1826	1826	1836

71+64 & Pulley Left

150	100	50	40	30	20	14	3	0
2.3	4.5	5.1	5.6	5.5	5.6	5.8	5.8	5.9
1861	1839	1828	1828	1829	1828	1826	1826	1825

71+73 & Dist Lane Rt

0	8	20	30	40	50	100	150
5.6	5.8	5.9	5.9	5.8	6.0	5.6	6.5
1828	1826	1825	1825	1826	1824	1828	1819

72-	50	40	30	20	15	14	13	5	0	3	5	9	20	30	40	50
	3.8	4.7	4.7	4.1	4.0	4.6	4.7	4.5	4.5	4.6	4.3	2.7	0.6	0.2	40.5	41.9
	1846	1837	1837	1843	1844	1838	1837	1839	1839	1838	1841	1857	1878	1882	1889	1903

T.P. 10.03 195.93 ✓ 2.46 185.90 ✓

72+	50	40	30	17	14	12	6	0	3	10	20	30	40	50
	6.4	7.2	7.3	7.4	9.0	9.2	9.2	9.1	9.2	8.4	7.7	6.8	5.9	5.4
	1895	1887	1886	1885	1869	1867	1867	1868	1867	1875	1882	1891	1900	1905

72+74 & Tar Drive Rt

0	4	10	20	30	40	50	53	53
8.6	8.5	8.2	7.5	6.6	5.7	5.0	4.9	4.78
1873	1874	1877	1884	1893	1902	1909	1910	19115

73-	50	40	30	20	12	3	0	4	10	20	30	40	50
	8.1	8.4	8.7	9.7	9.9	9.7	9.6	9.8	9.0	7.7	5.9	4.0	2.6
	1878	1875	1872	1862	1860	1862	1863	1861	1869	1882	1900	1919	1933

✓ 8/22/50 A.D.

20 Randolph St 195.93V
73/160

Canton

21

73+09 & Dirt Drive Lt

100	75	50	40	30	20	13	3	0
6.2	8.4	9.9	10.4	10.7	10.7	10.6	10.1	10.6
189.7	1875	1860	1855	1852	1852	1853	1858	1859

73+22 Conc Walk Left

62	42	50	40	30	24	24	13	3	0
7.39	8.30	9.39	9.96	10.52	10.85	11.2	11.3	10.7	10.6
18854	18763	18654	18597	18541	18508	1847	1846	1852	1853

RIGHT?

73+25 S. House Left 60

+ 3.19 199.12

63	50	40	30	20	11.5	2
4.30	9.7	10.4	11.0	11.8	12.0	11.5
19163	1862	1855	1849	1841	1839	1844

T.P. 7.25 191.85 11.33 184.60

73+81 Lt 13 Rim C.B. 8.76 18309

73+98 R 14.5 Rim C.B. 8.44 18341

60	50	40	30	20	11.5	2
8.2	8.2	8.2	8.2	8.1	8.5	8.0
1837	1837	1837	1837	1838	1834	1839

74+33 Rt. 21 Rim M.H. 6.54 18531

150	125	100	75	50	25
9.70	9.70	9.51	9.20	8.72	8.11
18215	18215	18234	18265	18313	18374

300	250	200	150	100	75	50
5.8	7.5	8.7	9.3	9.3	8.9	8.5
1861	1844	1832	1826	1826	1830	1834

74+66.60 R 7.33 18452

= 133+44.82 Turnpike St

15	7.5	11.2
8.30	183.55	180.65

30	20	13	3	0
10.7	10.7	10.6	10.1	10.6
1852	1852	1853	1858	1859

0	6.5	8	10	20	30	38	42	50
11.5	11.5	11.4	10.3	9.6	7.2	5.9	4.4	3.2
1844	1844	1845	1856	1863	1887	1900	1915	1927

10	14	16	20	30	40	50	60
8.2	8.4	7.8	6.5	6.1	5.2	3.7	2.5
1837	1835	1841	1854	1858	1867	1882	1894

0	25	50	75	100	125
7.31	6.31	5.02	3.58	2.09	0.64
18454	18554	18683	18827	18976	19121

25	0	25	50	75	100
7.9	7.1	6.1	4.9	3.4	2.0
1840	1848	1858	1870	1885	1899

✓ 8/22/50 A.D.

22
11/60

Randolph St.

Canton

191.85 ✓
1

11.94

196.67 ✓

7.12

184.73 ✓

(184.73)

138.E

N/B 133

P. 90

74+47 Ask. On edge Conc. Strip

0

150

4.08

192.59

74+61.5 Ask. on 2 TW Turnpike St.
Macadam Strip

0

150

200

3.9

1.2

192.8

195.5

T.P. 970

205.52 ✓
1

0.85

195.82 ✓

74+61.5 Ask

0

2.50

300

7.3

5.1

1982

200.4

T.P. 0.47

194.38 ✓
1

11.61

193.91 ✓

0.26

183.57 ✓
1

11.07

183.31 ✓

76- 2 TW Randolph St West of Turnpike St 7.9 175.7

T.P. 0.80

172.51 ✓
1

5.36

178.21

11.86

171.71 ✓

76+ 2 Randolph St.

1.3

171.2

77-

"

"

4.4

168.1

77+

"

"

6.5

166.0

78-

"

"

8.0

164.5

78+

"

"

9.4

163.1

T.P. 11.76

183.47 ✓
1

0.80

171.71 ✓

T.P. 5.75

187.51 ✓
1

1.71

181.76 ✓

3.32

184.19

2.76

184.75 ✓

Sill Burns Real Est. Office

(184.73)

138 E

✓ 8/22/50 A.D.

23

oto Old Way = 53+40.62 Randolph St
 4.38 186.70 X 182.32 ✓
 oto R 2.4 1843

0424 R & Edge T.W. 3.4 1833

	E	2TW	E				
ot	4.4	4.3	4.2	4.4	4.2	3.3	19.5
	1823	1824	1825	1823	1825	1834	1834

	20	14.5	13	12	9	E	
1-	7.1	6.1	4.6	4.3	5.8	6.6	0
	1796	1805	1821	1804	1809	1801	1805

	30	22	20	16	15	14	11	E	
1+	9.0	8.7	8.5	7.4	6.0	8.0	7.5	8.2	7.8
	1777	1780	1782	1793	1807	1787	1792	1785	1789

2- 2TW 9.1 1776
 Lt 20 11.9 1748
 R-20 8.5 1782

TP. Stone 0.29 175.17 11.82 174.88 ✓

2+ 2TW 0.9 1743
 Lt 20 4.5 1707
 Rt 20 +0.4 1756
 3- 2TW 3.4 1718
 Lt 20 4.7 1705
 R 20 1.5 1737
 3+0 Floor Gar Rt. 0.75 17442
 3+30 Rt Sill/House 1.06 17411
 3+ 2TW 6.4 1688
 Lt 20 8.5 1667
 R 20 4.7 1705
 4- 2TW 9.0 1662
 20 Lt 9.8 1654
 20 R 8.3 1659
 4+ 2TW 11.2 1640
 Lt 20 12.0 1632
 R 20 10.9 1643

Virt Spli Root 24" Oak N.B. 133 P. 90

	Top						
1	2.0	2.1	3.0	4.0			
	1.6	2.7	2.7	3.3			
	1851	1840	1840	1834			

	2TW	E					
1	6.0	6.0	5.8	5.1	5.3	3.2	4.6
	1807	1807	1809	1815	1814	1835	1821

	Top						
1	3	13	15	17	19	20	21
	7.7	7.5	7.3	6.4	6.9	5.8	7.0
	1790	1792	1794	1803	1798	1809	1797

✓ 8/22/50 A.D.

175.17 ✓
T.P. 2.35 166.04 ✓ 11.48 163.69 ✓

5- 2TW 3.9 1621
" Lt 20 4.6 1614
" R 20 3.5 1625
5+ 2TW 5.2 1608
" Lt 20 8.1 1579
" R 20 4.7 1613
5+0 Rt 3.11/House 2.59 16345
6- 2TW 6.2 1598
" Lt 20 9.9 156.1
" R 20 5.9 1601
6+30 R 20 6.3 1597
6+ 2TW 7.1 1589
" Lt 20 10.8 1552
" R 20 9.3 1567
7- 2TW 7.6 1584
" Lt 20 11.9 1541
" R 20 11.9 1541

T.P. 5.17 163.19 ✓ 8.02 158.02 ✓

7+ 2TW 5.1 1581
" Lt 20 8.6 1546
" R 20 9.2 1540

7+66 Lt 21.5 Inv 12" Conc 9.57 15362
7+67 R 19.5 Inv 12" Conc 10.41 15278

	10	30	25	20	18	E	2TW	0
8-	9.8	9.3	8.8	6.5	5.6	5.6	5.3	5.3
	1534	1539	1544	1567	1576	1576	1579	1579

	33	26	20	12	3	0	7	9
8+	8.4	5.8	5.9	5.3	5.2	5.2	5.4	5.7
	1548	1574	1573	1579	1580	1580	1578	1575

E	11	17	20	30	40
7.5	6.1	9.5	9.8	10.1	10.2
1576	1571	1537	1534	1531	1530

E	20	30	40
15	10.2	10.2	10.3
153.7	1530	1530	1529

✓ 8/22/50 A.D.

61+41 R75 5.74 163.52 5.42 157.77 (157.78) Spk 18" M. P. 11

E	2	0	8	10	16	20	30	40
5.6	5.3	5.3	5.7	5.9	9.4	10.2	10.2	10.2
1579	1582	1582	1578	1576	1541	1533	1533	1533

E	2	0	8	10	16	20	30	40
5.7	5.3	5.3	5.7	5.7	5.7	9.4	9.9	10.2
1578	1582	1582	1578	1578	1578	1541	1536	1533

9+99.11 Old Way 12 = 22+40.06 New Way 5.6 1579

5.74 157.78

Farm St

69+68 L459 5.96 184.57 178.61

L.O.C. Bot. Conc Step NB. 133 P. 90

0+0 Farm St = 68+55.46 Randolph St. 12.2 1724

0	10	20	30	37	41	50	60
9.1	9.1	9.4	10.1	9.4	6.7	7.5	7.8
1755	1755	1752	1745	1752	1779	1771	1768

60	50	40	30	20	15	7	5	2	0	7	17	21	26	30	40	50
6.6	6.7	6.9	6.7	6.2	5.5	5.9	6.7	7.0	6.9	6.8	7.3	6.2	2.9	2.7	2.7	2.5
1780	1779	1777	1779	1784	1791	1787	1779	1776	1777	1778	1773	1784	1817	1819	1819	1821

50	40	30	18	12	9	2	0	7.5	11	16	20	30	40
3.7	3.1	2.8	2.7	4.3	4.8	4.6	4.6	5.1	4.0	2.6	10.7	11.3	12.0
1809	1815	1818	1819	1803	1798	1800	1800	1795	1806	1820	1853	1859	1866

2- 1/2 Td Farm St 2.8 1818

2+ " " 2.0 1826

3- " " 2.5 1821

69+68 L459 5.96 178.61

L.O.C. Bot. Conc. Step

✓ 8/27/50 A.I.D.

30
/60

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

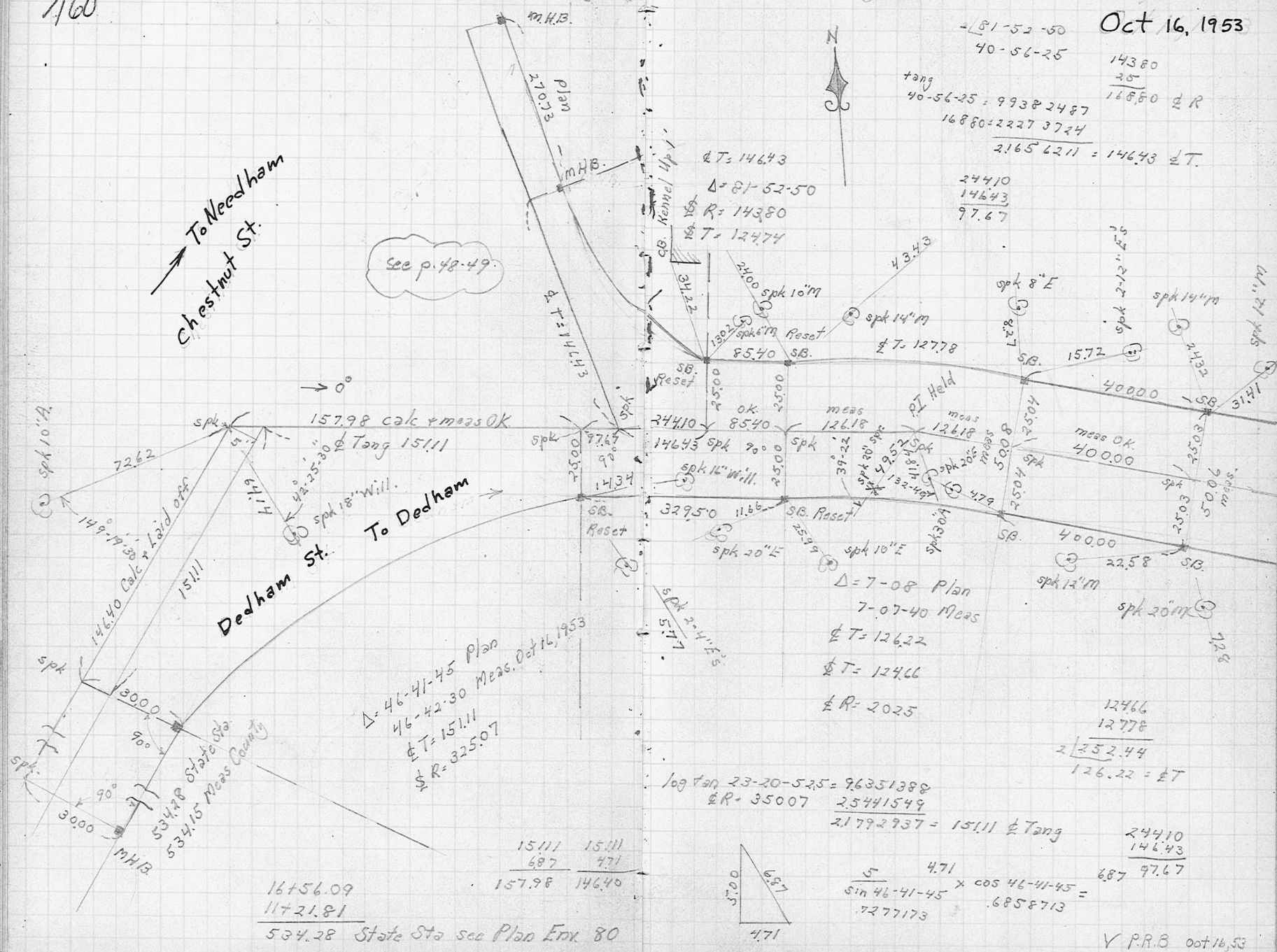
Date

Crew

31

160

Oct 16, 1953

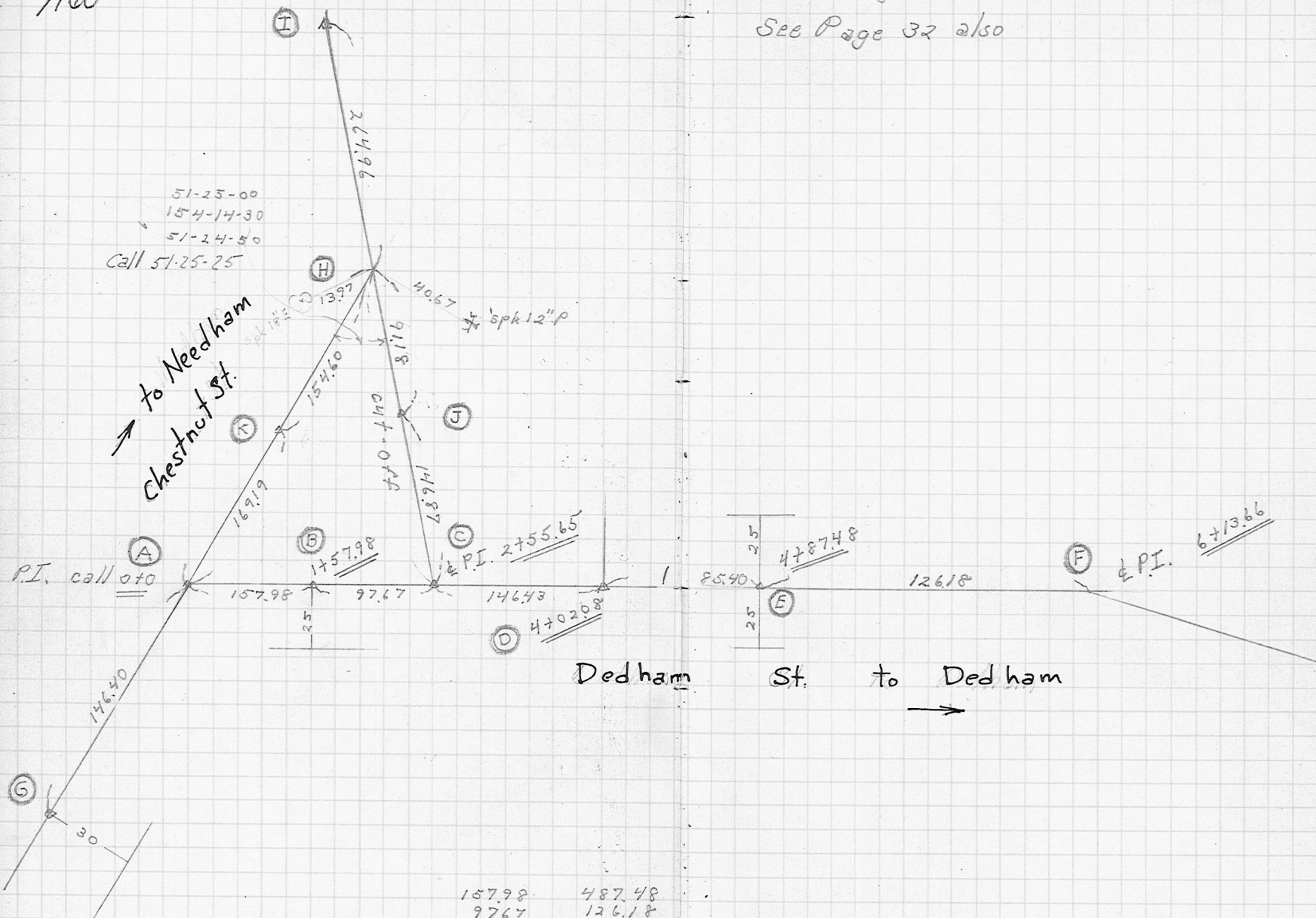


34/160

Dedham St. Dover Traverse for Survey

Oct 19, 1953 35

See Page 32 also



157.98	487.48
97.67	126.18
255.65	613.66
146.43	
402.08	
85.40	
487.48	

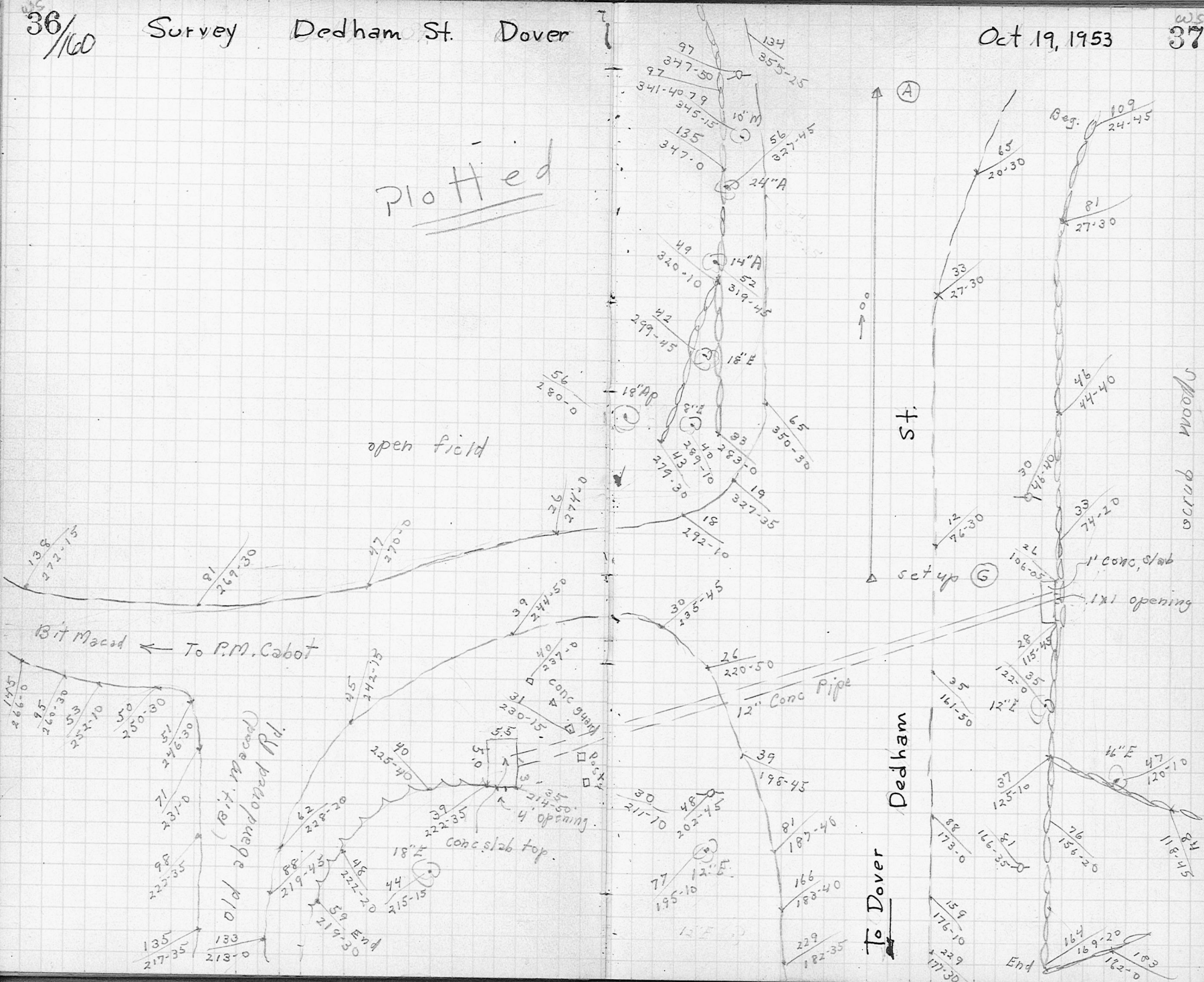
36/100

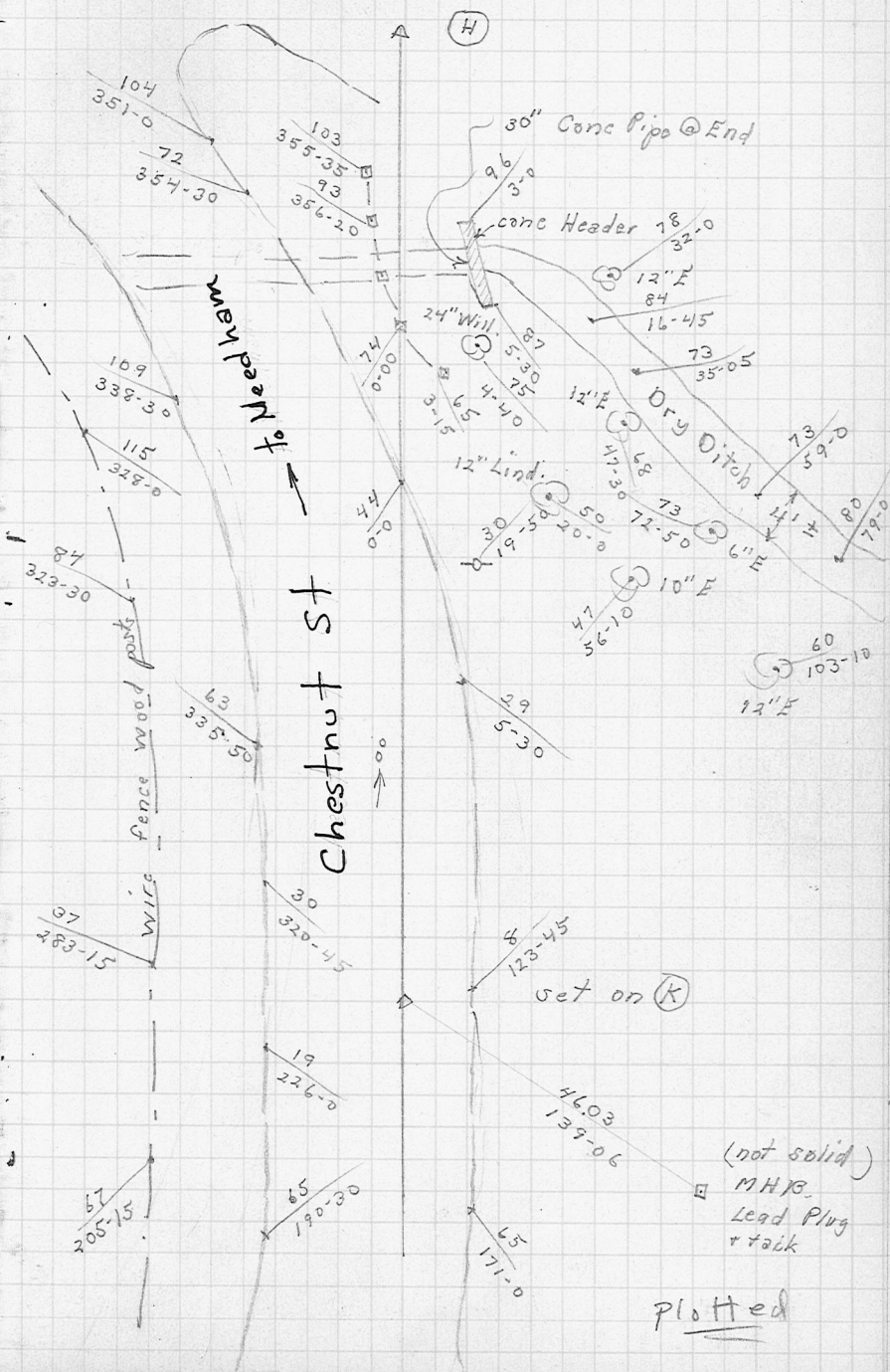
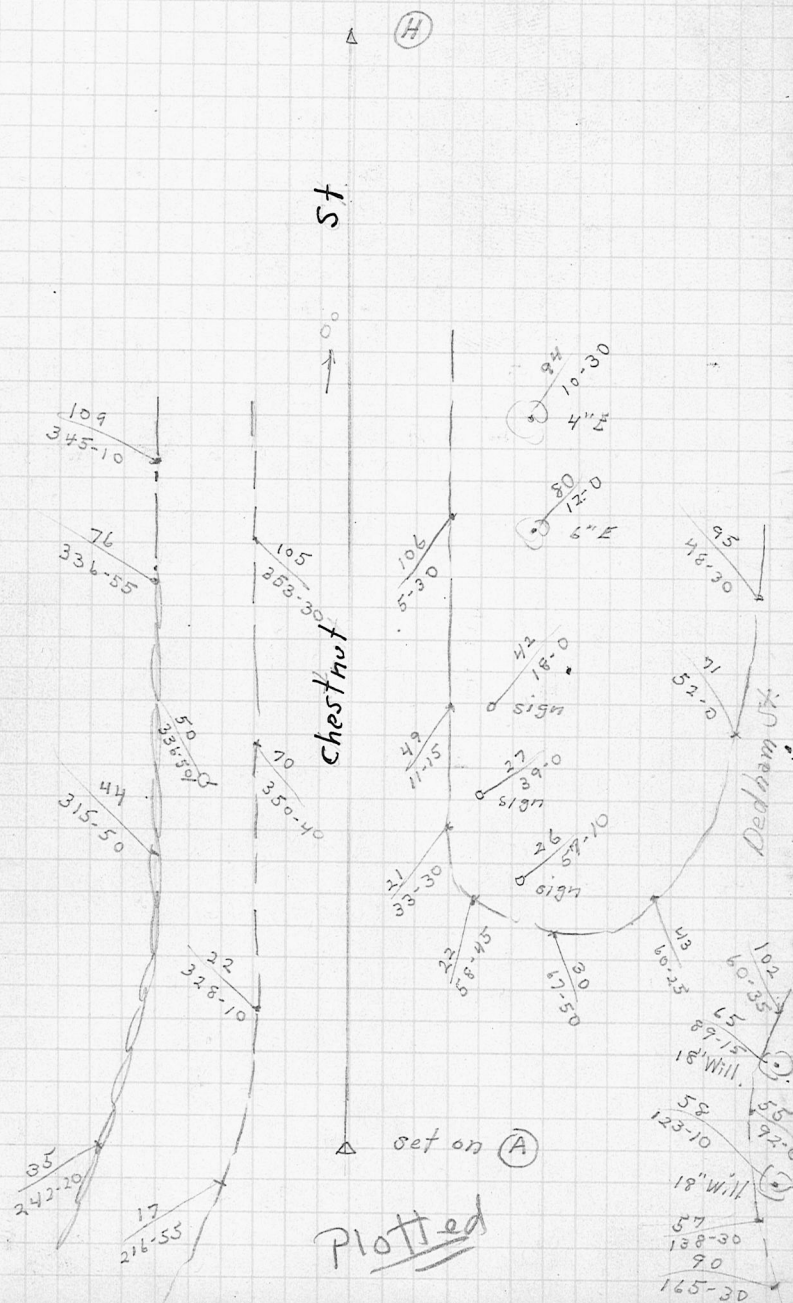
Survey Dedham St. Dover

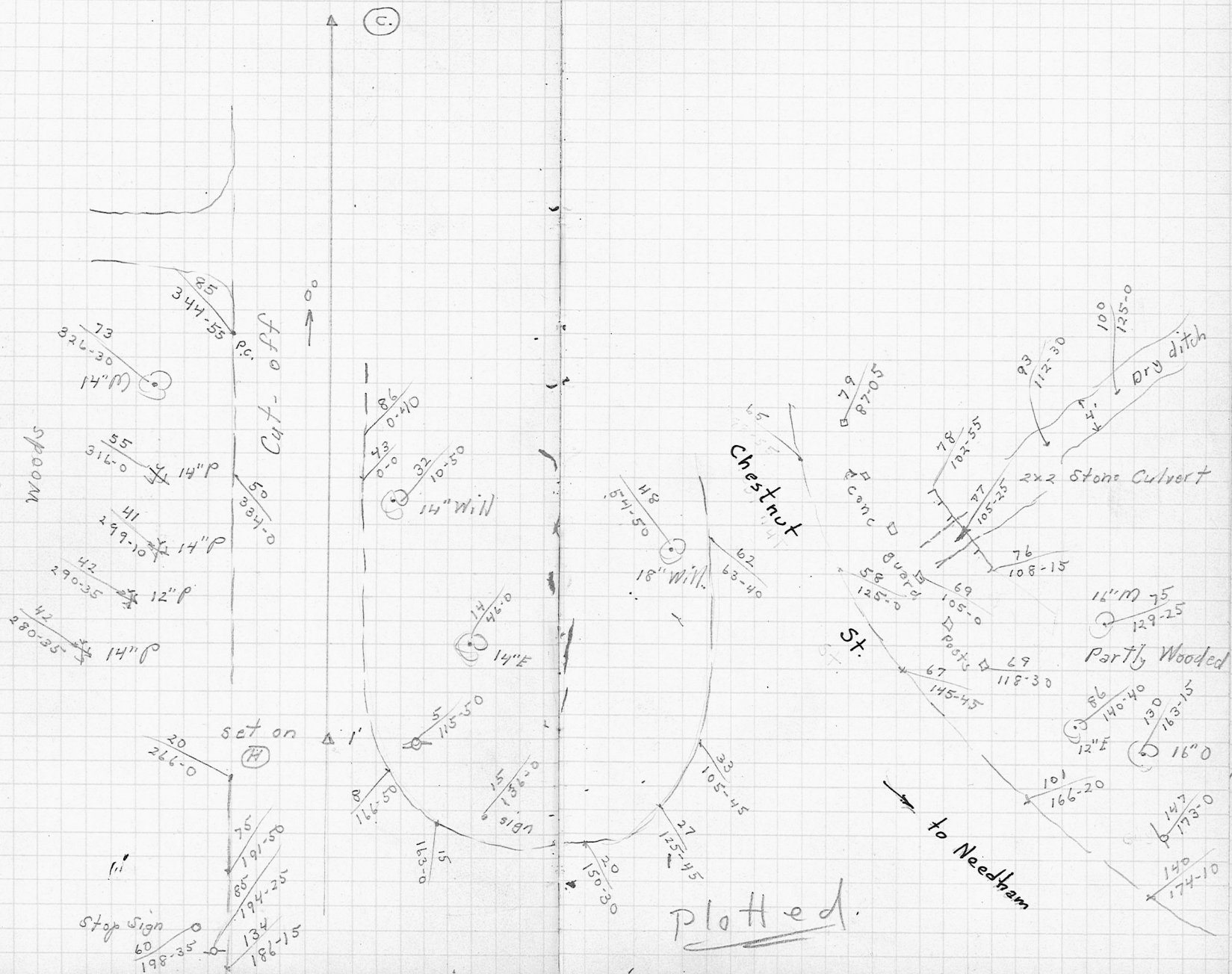
Oct 19, 1953

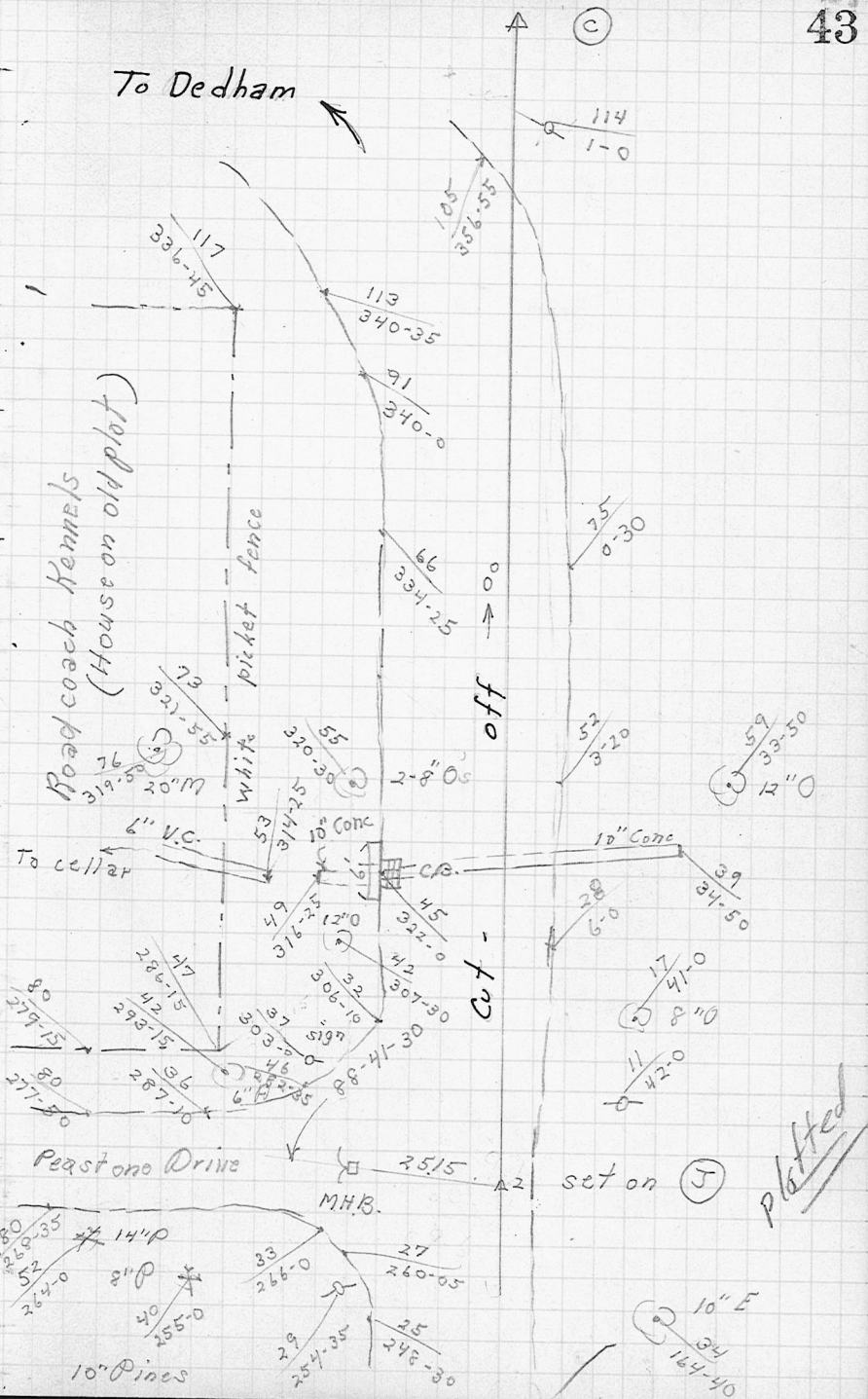
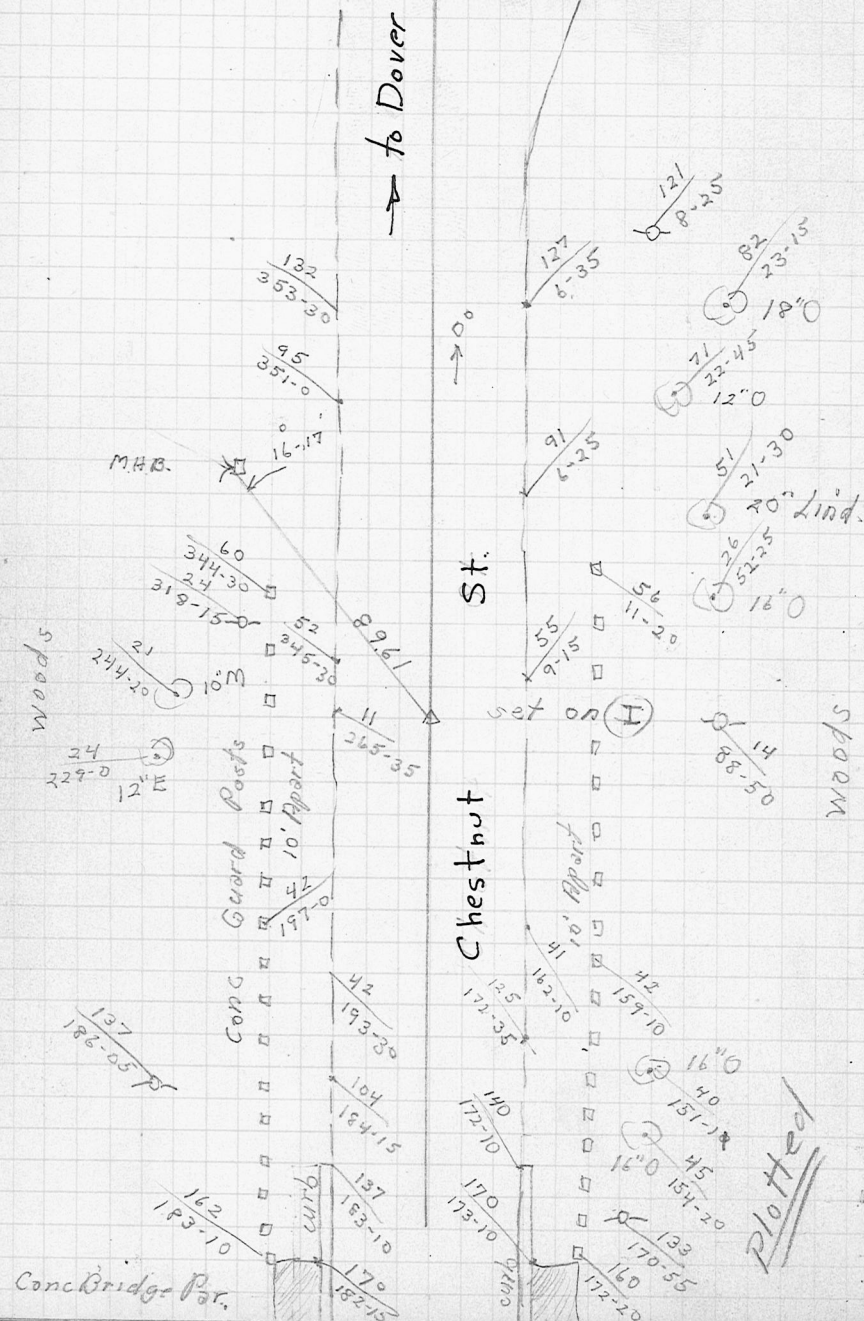
37

Plotted



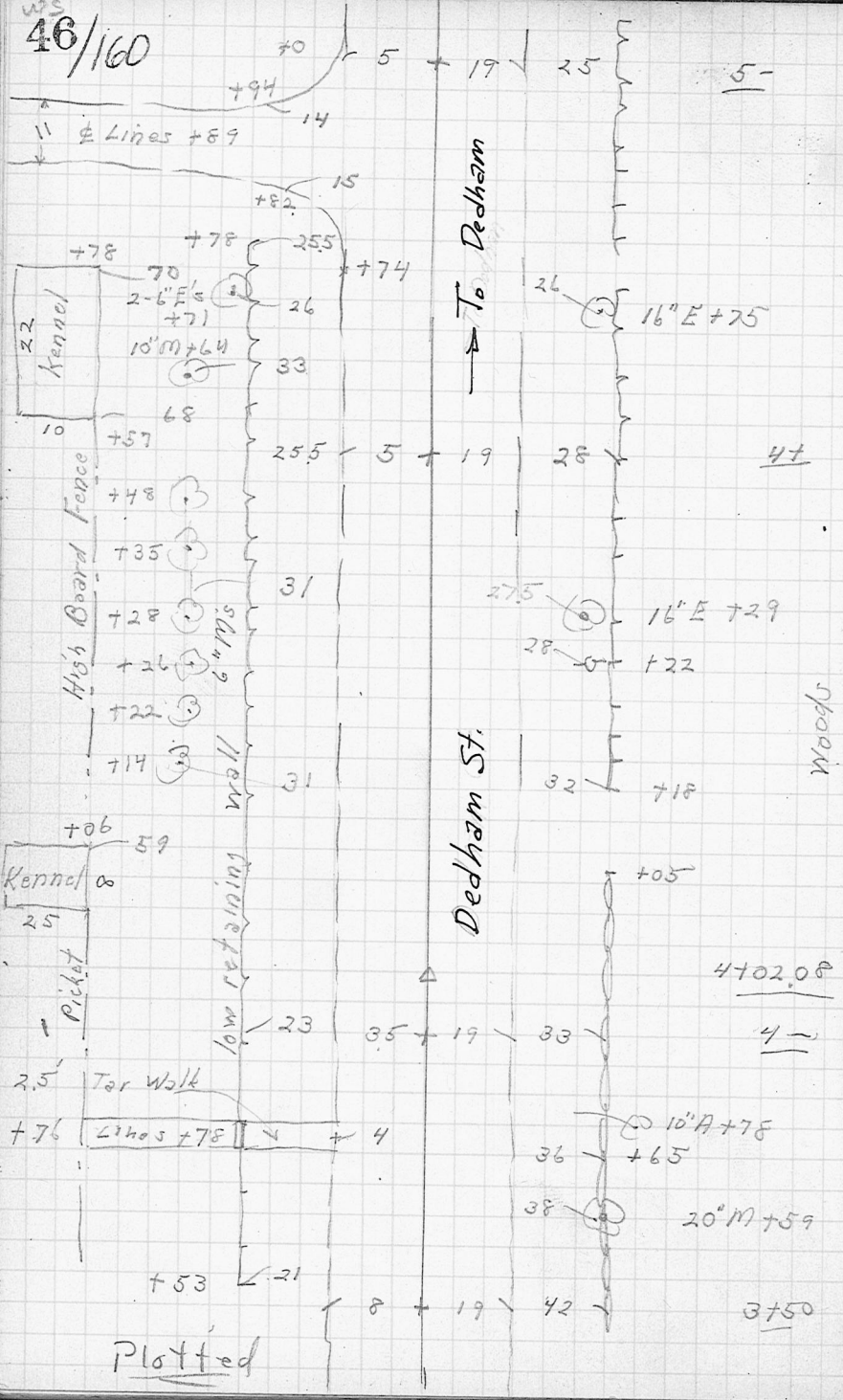






WS
46/160

Inst. Tape Wthr & Temp. Date Crew



48/160

Staking

Sideline

Dedham

St.

Dover

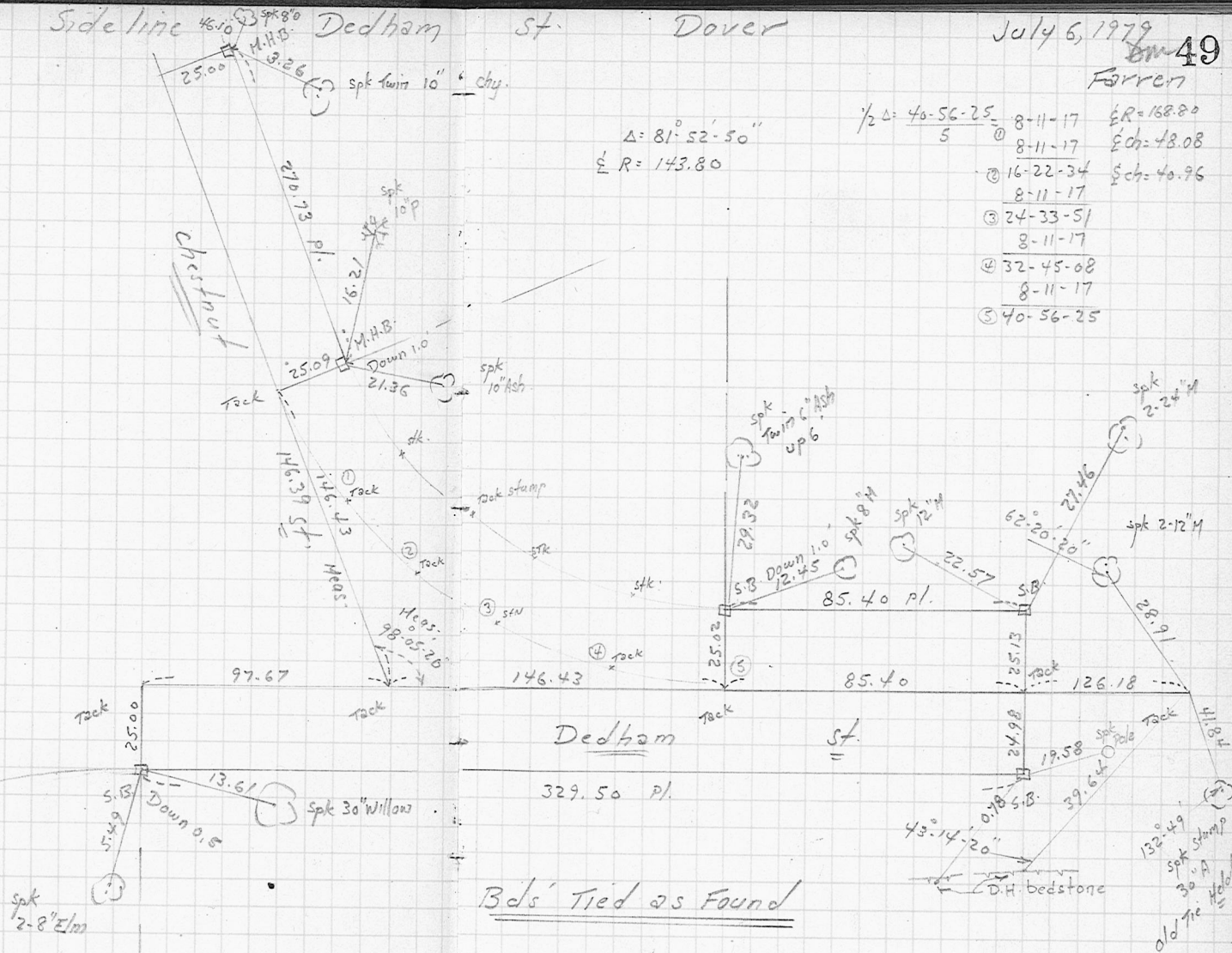
July 6, 1979

49

Forren

$\frac{1}{2} \Delta = \frac{40.56-25}{5}$	8-11-17	$\angle R = 168.80$
	8-11-17	$\angle ch = 48.08$
	16-22-34	$\angle ch = 40.96$
	8-11-17	
	24-33-51	
	8-11-17	
	32-45-08	
	8-11-17	
	40-56-25	

See p. 32-33



48.80
97.59
146.39

50

160

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

51

AVON
BROCKTON

56
~~100~~

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

57

58/60

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

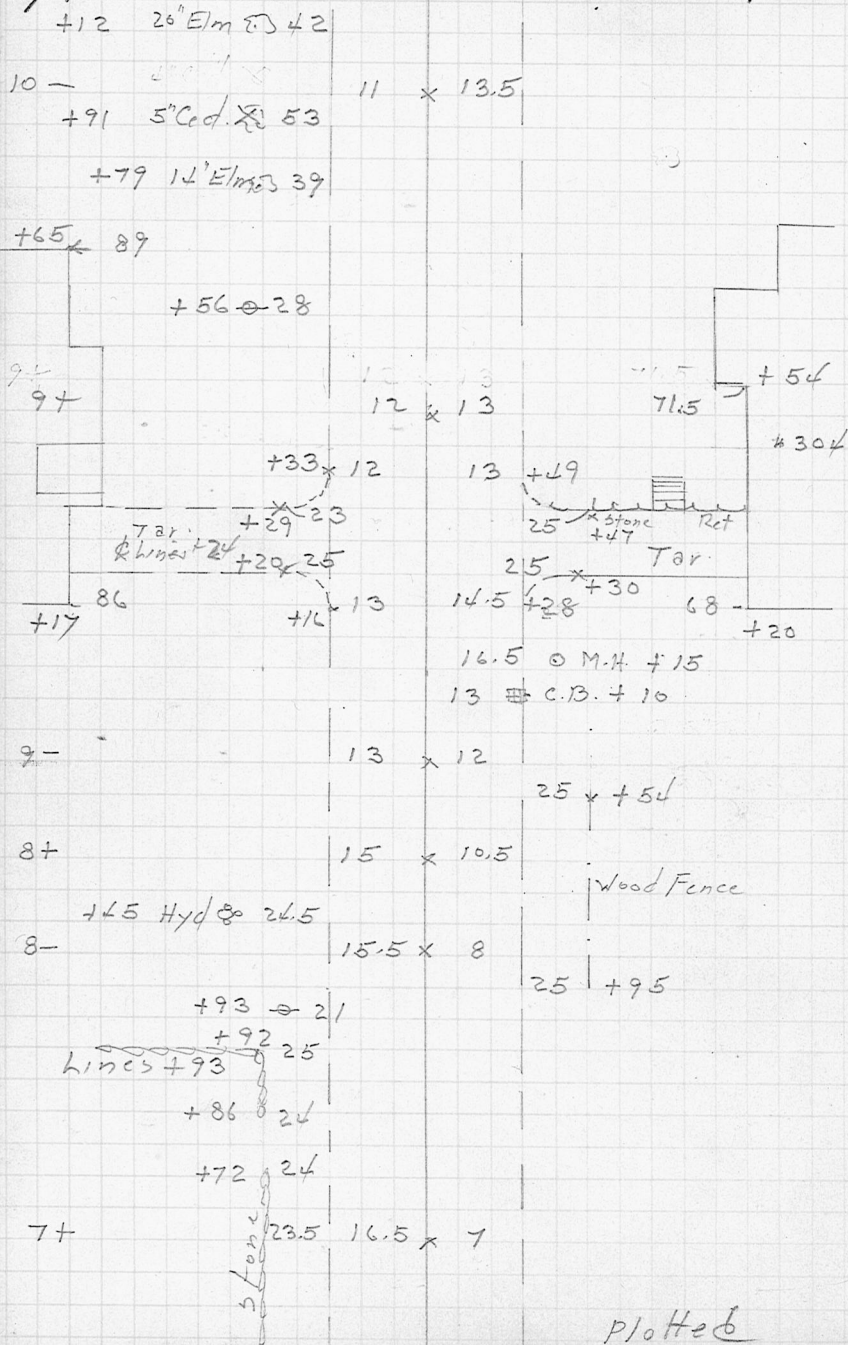
59

60/160 Central St

Avon
(Survey)

Detail

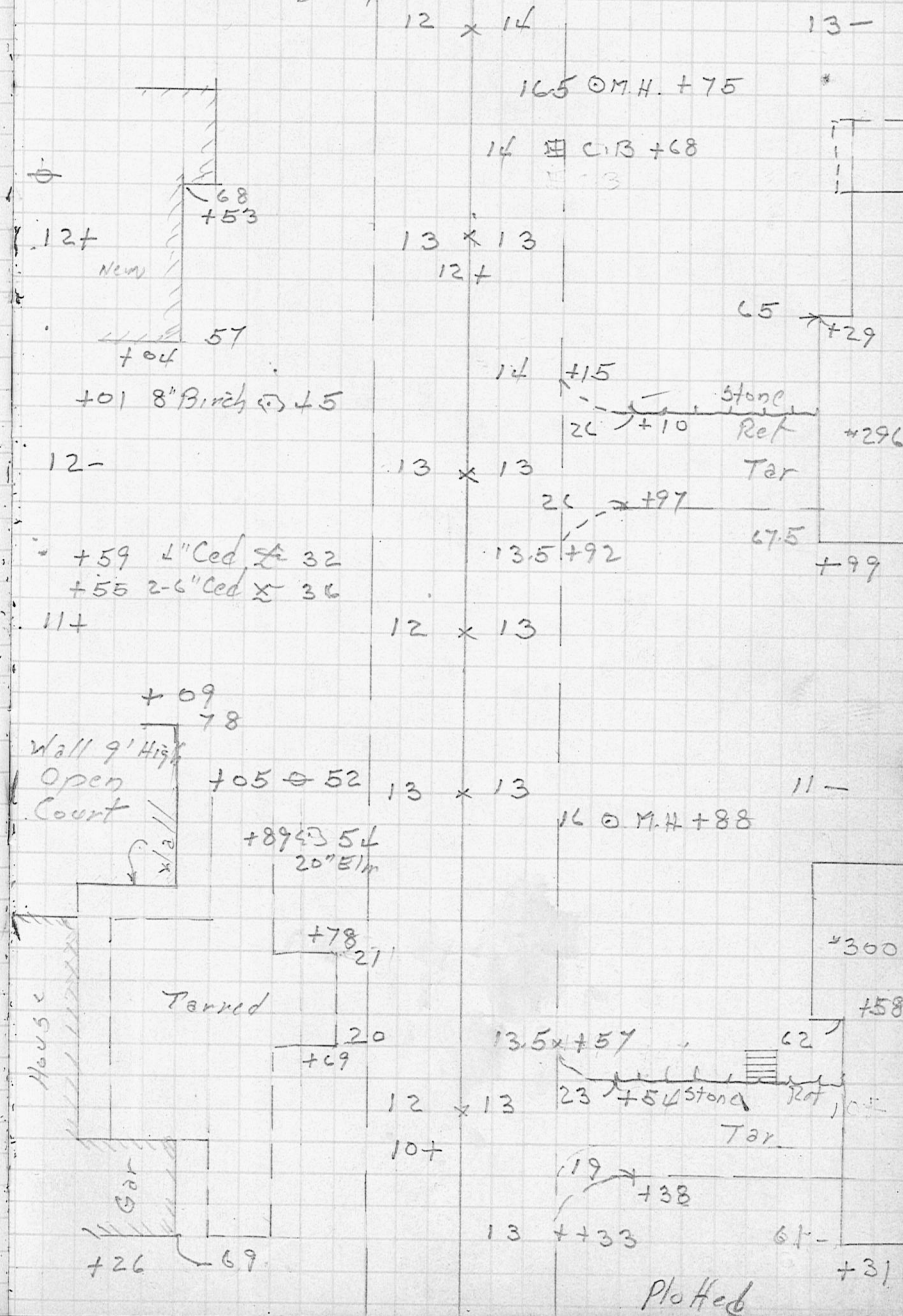
July 1960 61



+17 6" Ced X 24

+12 6" Ced X 65

+05 2-6" Ced X 57



62 Central St

Avon July 1960

63

Inst.

Tape

Wthr & Temp.

Date

Crew

160
Avon

+17

23

12 x 12

28

22 @ +16

17-

30

11. 13.5

16+

35

12 x 13

+40 38

16-

12 x 13.5

+10 @ 21

15+

12.5 x 14

+30 24" Elm @ 45

15-

12 x 14.5

+86

54

31" Conc

36" Conc

25

+81

stone

Tar

+74

28

3' Break

24

+67

15" Conc

5'

31

+59

14+

13 x 13.5

16.5 @ M.H. + 48

14-

13 x 13.5

+98 @ 45

+79 10" Ced x 43

13+

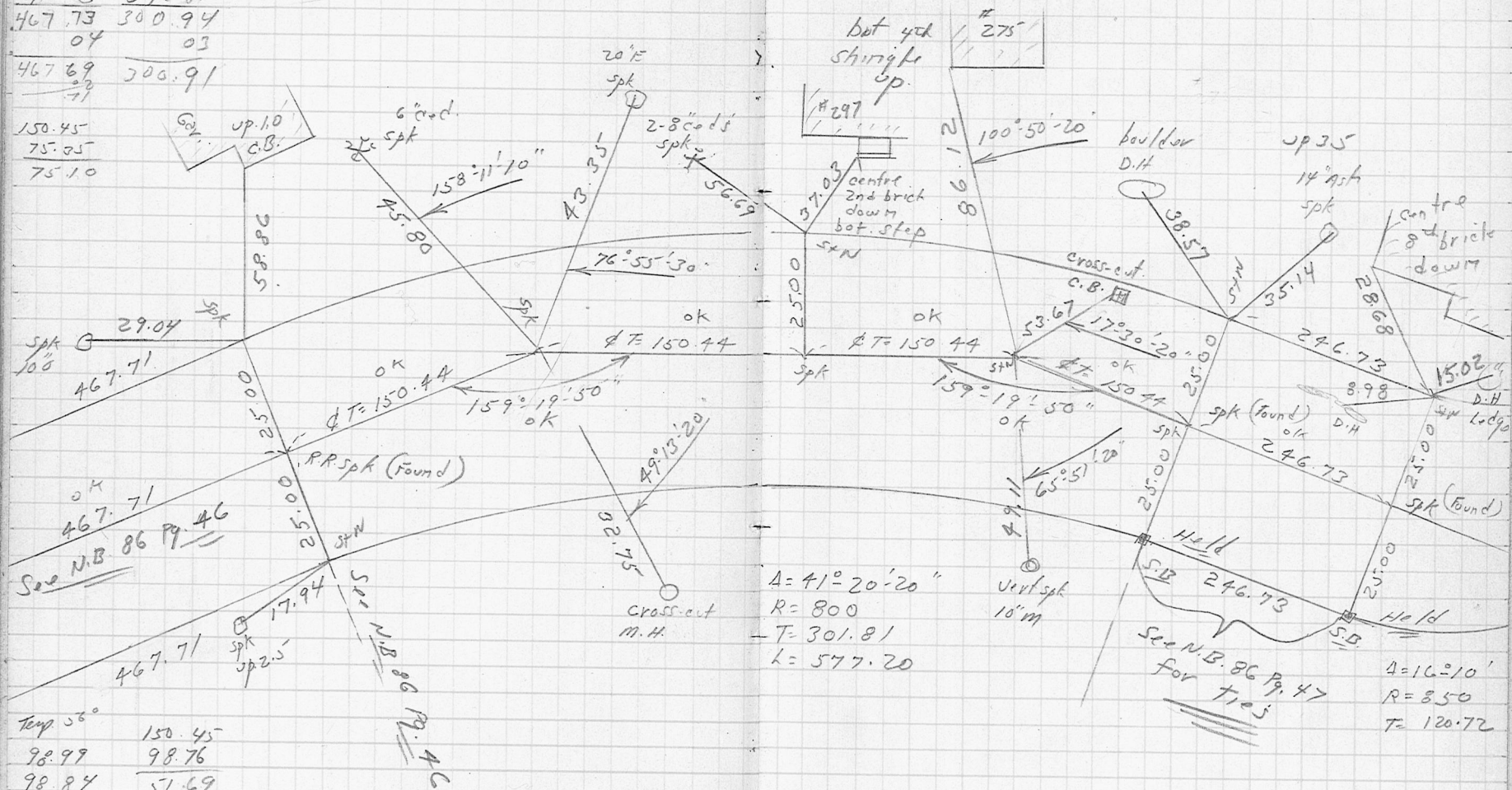
13 x 14

+33 6" Ced x 54

+30 5" Ced x 54

Plotted

64/Central
Temp 160

$$\begin{array}{r} 99.05 \\ 98.90 \\ 99.48 \\ 99.24 \\ 71.06 \\ 67.73 \\ 04 \\ 67.69 \end{array} \quad \begin{array}{r} 99.11 \\ 98.81 \\ 65.21 \\ 37.81 \\ 300.94 \\ 03 \\ 300.91 \end{array}$$
$$\begin{array}{r} 50.45 \\ 75.85 \\ \hline 75.10 \end{array}$$


Temp 56°

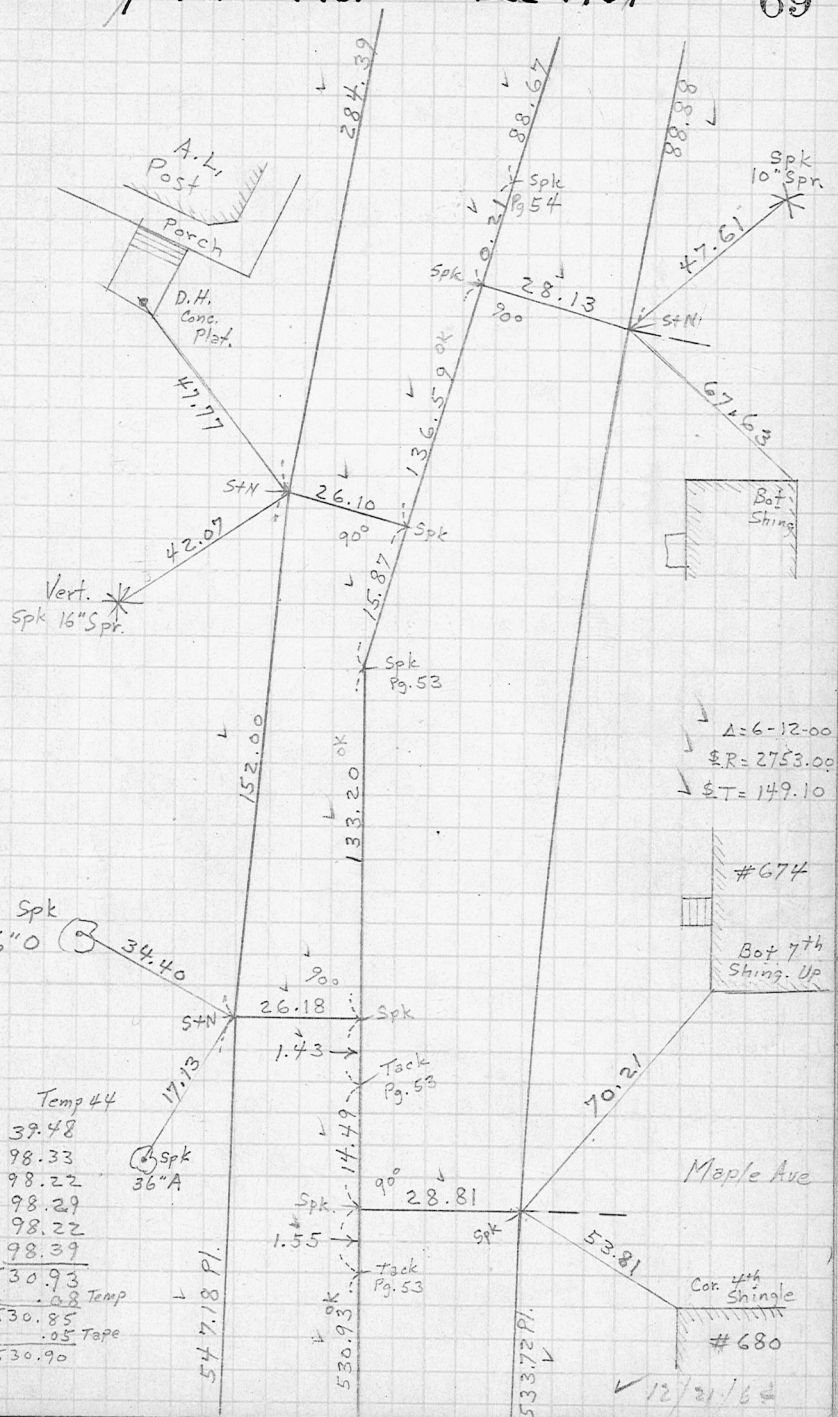
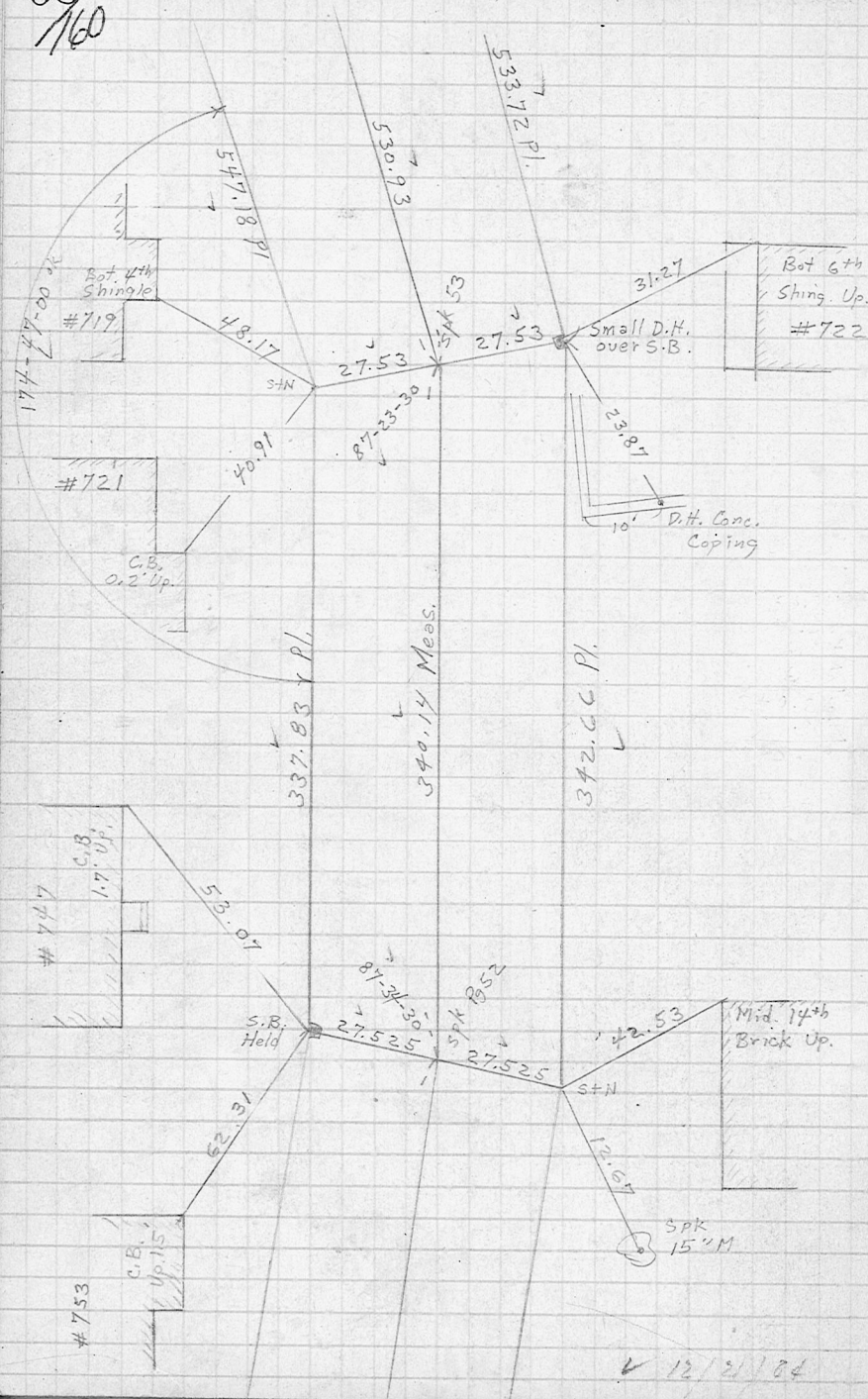
98.99	150.45
98.84	98.76
<u>48.95</u>	<u>51.69</u>
246.78	
2	
<u>246.76</u>	

66
/60

Inst. Tape Wthr & Temp. Date Crew

67

Inst. Tape Wthr & Temp. Date Crew



70 West Main St.

AVON

Staking Bd. Pts.

Dec. 1964 71



72/60

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

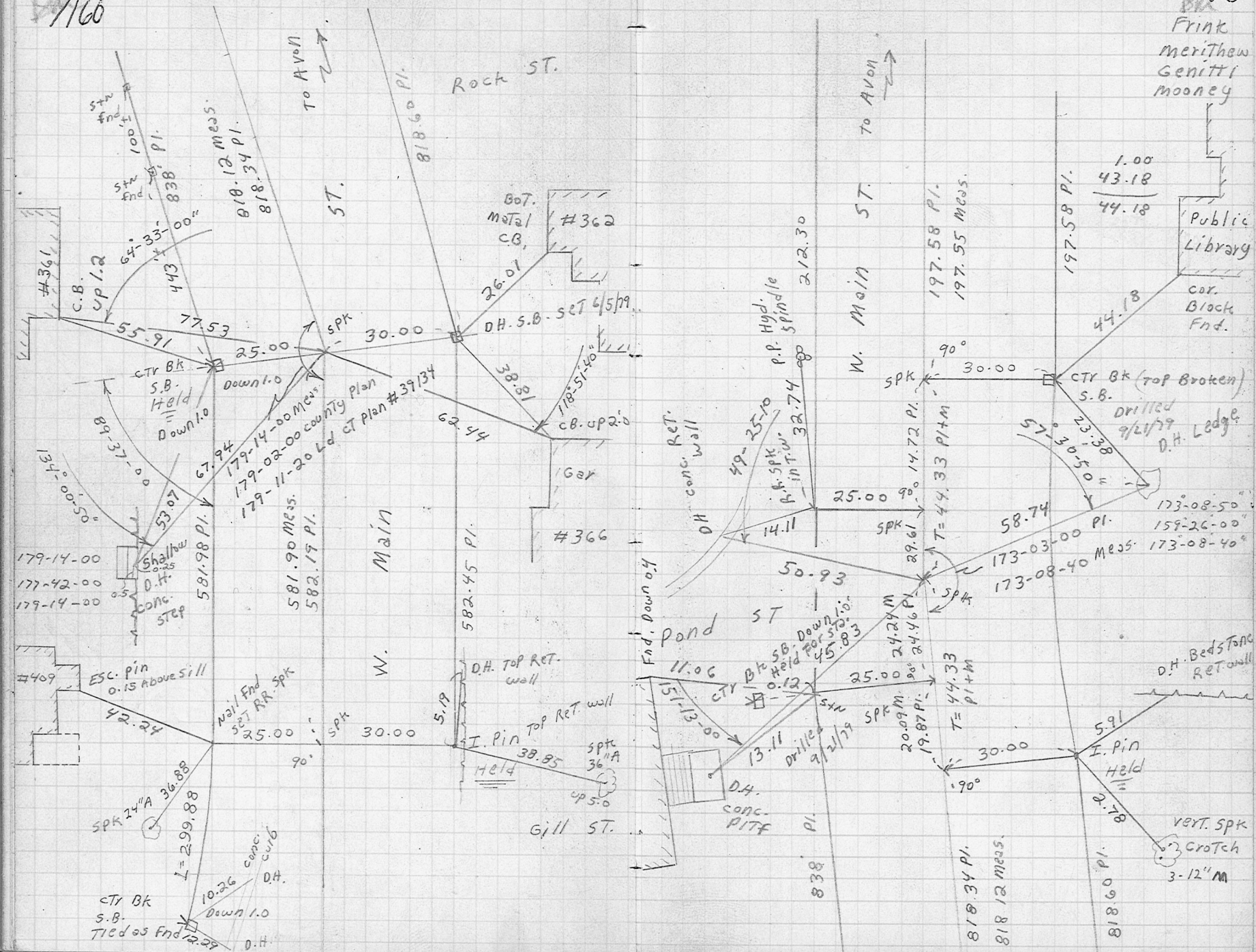
Crew

73

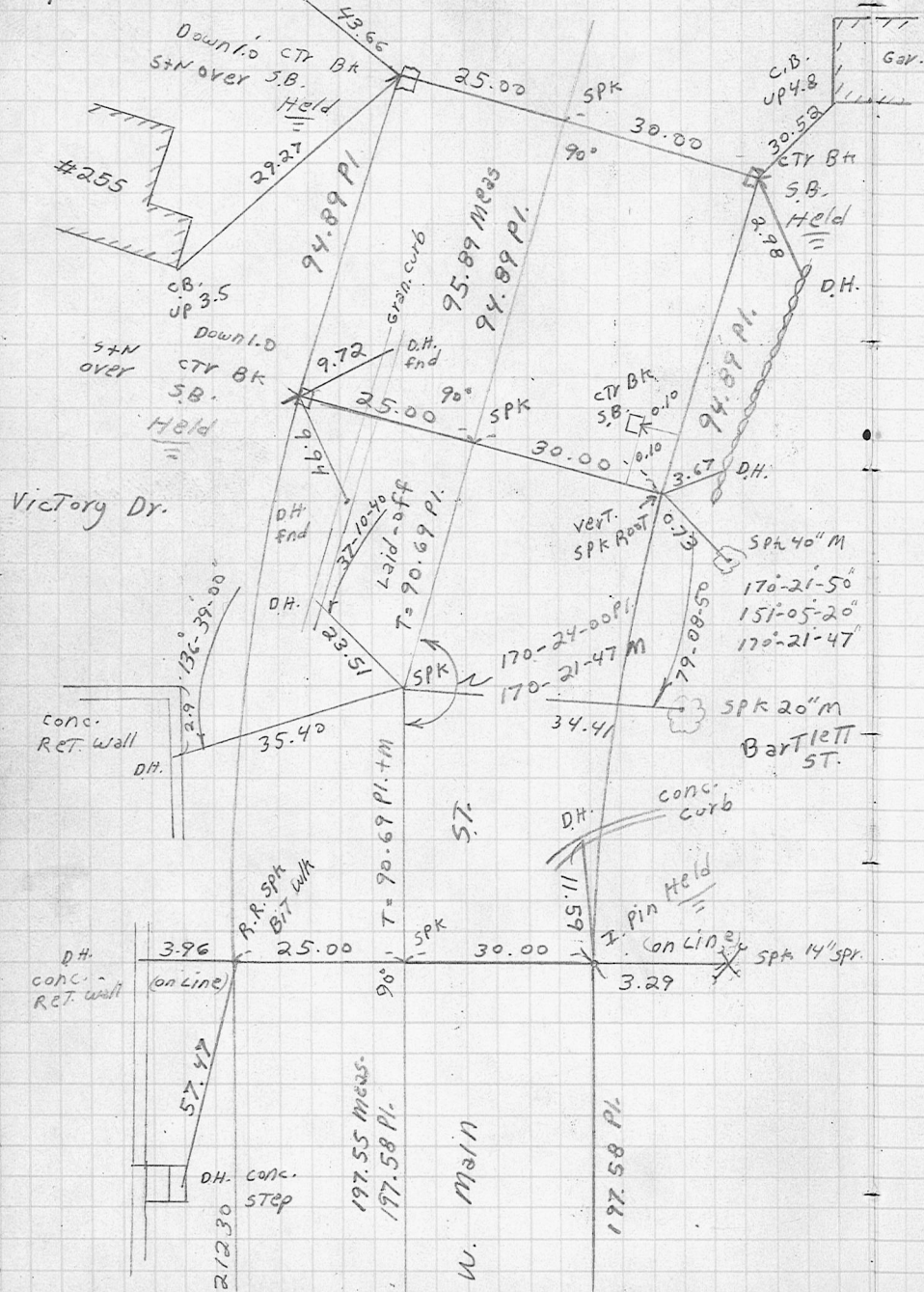
1160

June 5 1979 75

Frink
merithew
Genitti
mooney



June 7, 1979



78/60

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

79

80 Pleasant

St

Canton

160

41°

98.88
199.50
179.92
478.30
108
478.22

24
48
96
144
192
240
288
336
384
432
480
528
576
624
672
720
768
816
864
912
960
1008
1056
1104
1152
1200

478.22

Spk 25.00 S.B.

41°
99.50
99.21
73.75
272.46
04
272.42

CANTON
STOUGHTON

272.42

36°34'20"

d.h. Gran Header

d.h. outcrop
Fnd.

179.41
9.00
178.41

45.83

R.R.
SPK Set
(1974)

120.41

30°/59

150°-14'-10"
90°-42'-40"
150°-14'-13"

P.P. Center Top Bolt
Hyd.

Locating S.B's

Dec 1965

81

LID

46°
99.92
37.95
137.87
02
137.85

Vert spk 20"0

D.H.
Top
Grout
Ret
Wall

34.70

137.90

Spk 25.00 S.B.

478.22

5.8 24.98 90°
90° 25.02 S.B.

48°16'

137.85

29°04'40"

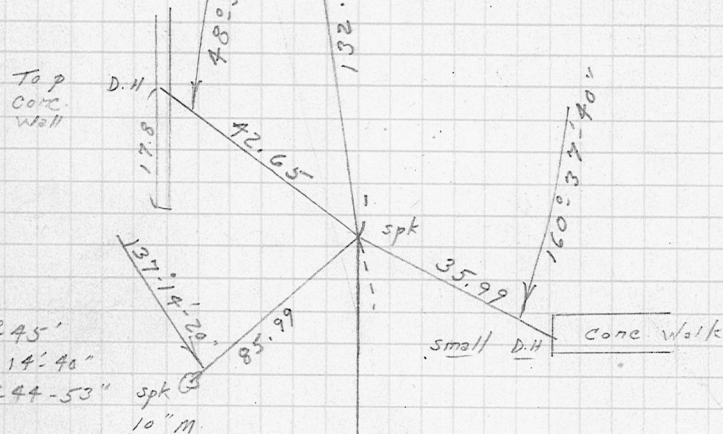
Blue
spk 10" spruce

172°-10'-40"
156°-31'-30"
172°-10'-30"

1/160

Temp 46°

97.62
35.16
132.78
02
132.76



96.59
34.38
130.97
02
130.95

up 2.0 S.B. 24.87 25.00 S.B.

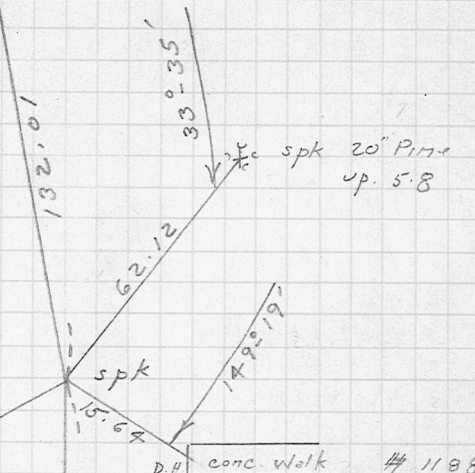
spk

67.77

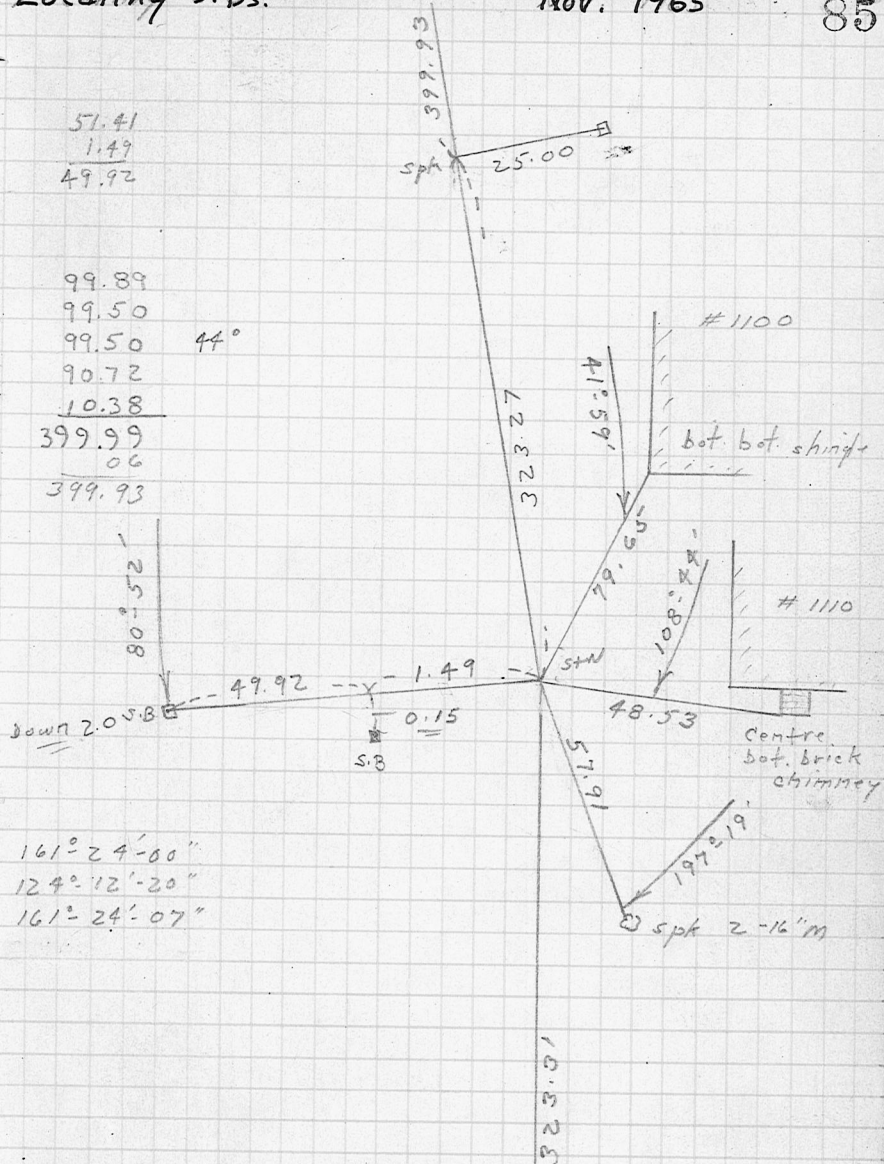
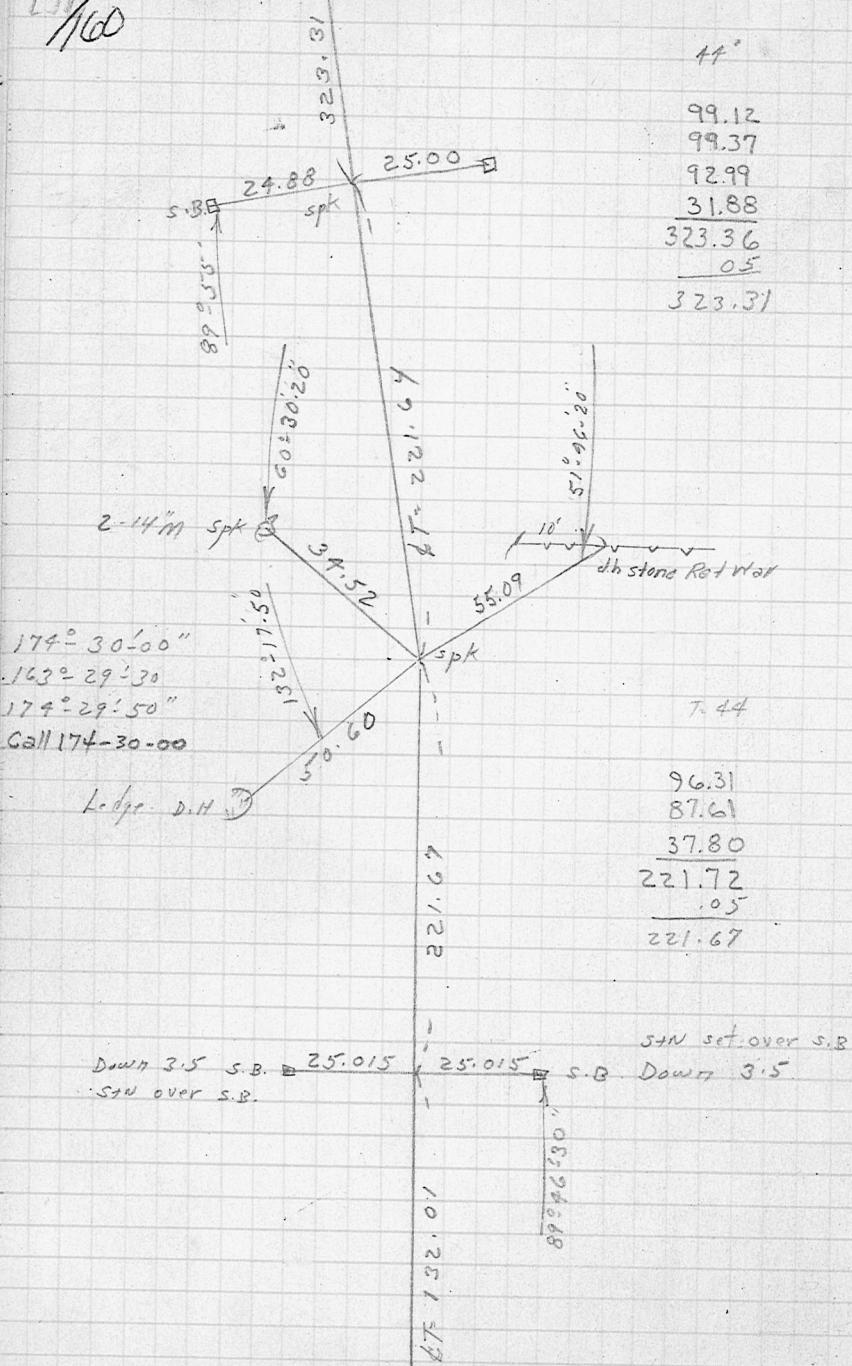
160°32'-00"
121°35'-40"
160°31'-57"

spk 3-10" 53.94

up 1.0 S.B. 25.015 25.015 S.B. Down 1.5

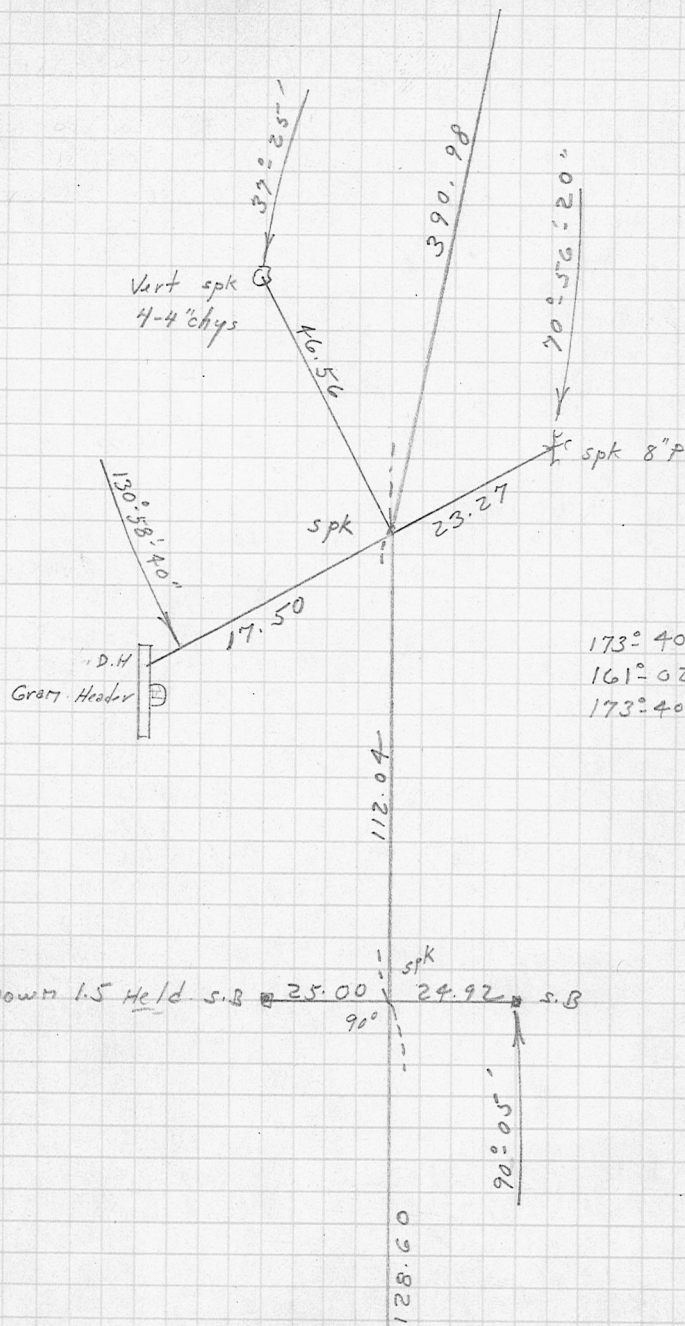
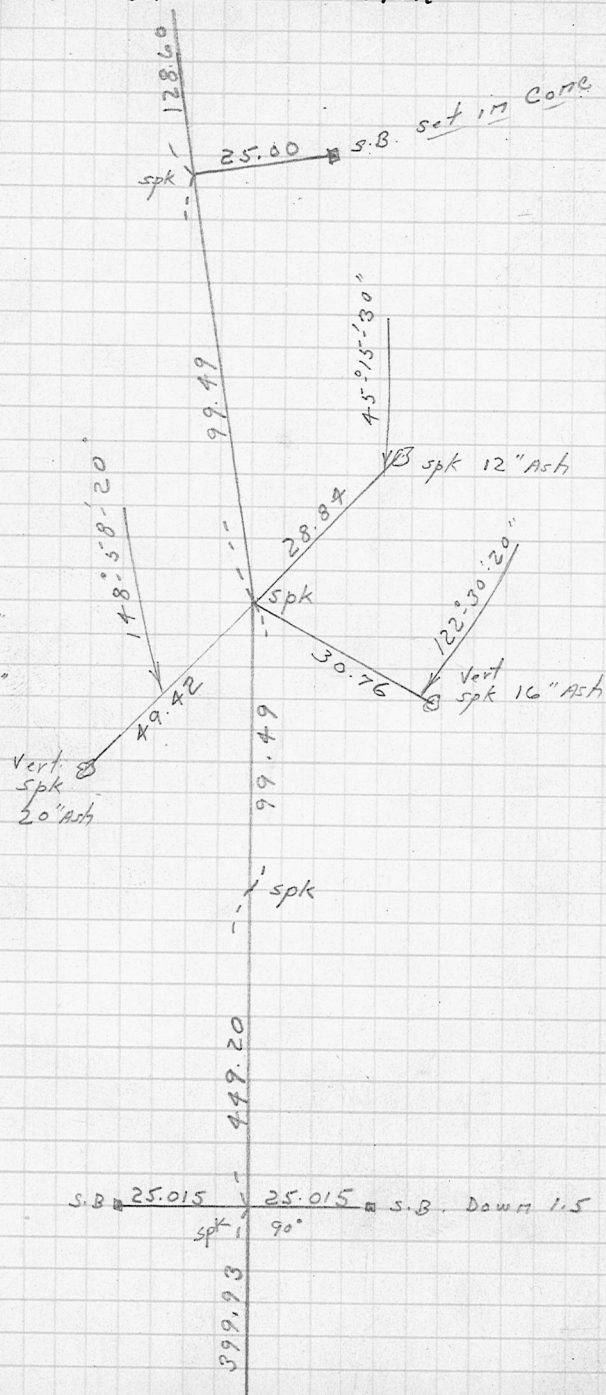


67.80
64.15
131.95
02
131.93



LOU/160
99.97
28.64
128.61
01
128.60

Temp. 50°



26 1/2

SW

Pine St.

26 1/2 S.B.

25.00

spk

43.54

35.64

24.04

spk

41.56

20"m

spk

29° 53'

66.2L

Tack

25.05

S.B.

90°

390.98

144° 57' 40
74° 52' 40
144° 57' 33"

Temp 44°

99.43
99.81
99.66
92.14
391.04
06
390.98

24
x 3.9
21.6
72
93.6

15
5
90

90/160

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

91

92/100

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

93

✓ 2/18/45

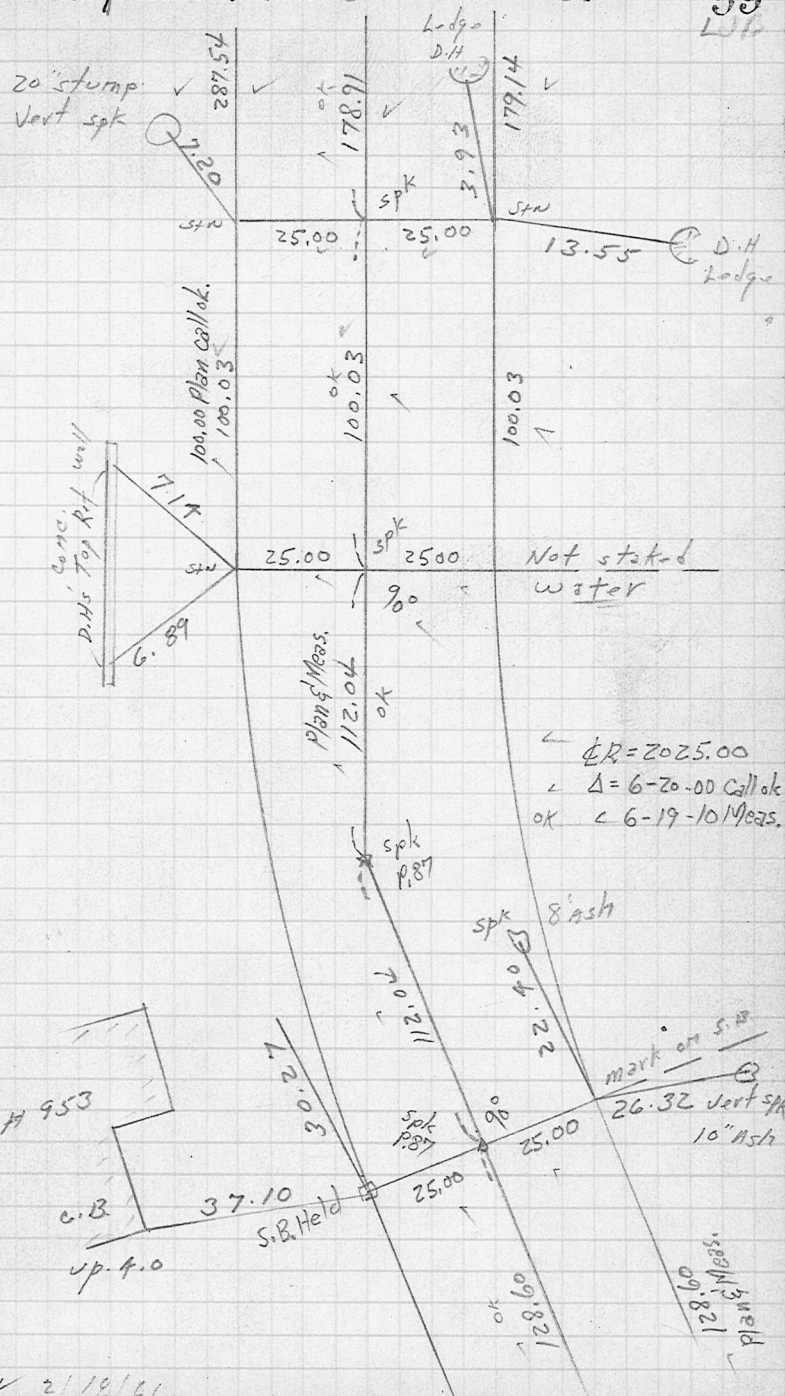
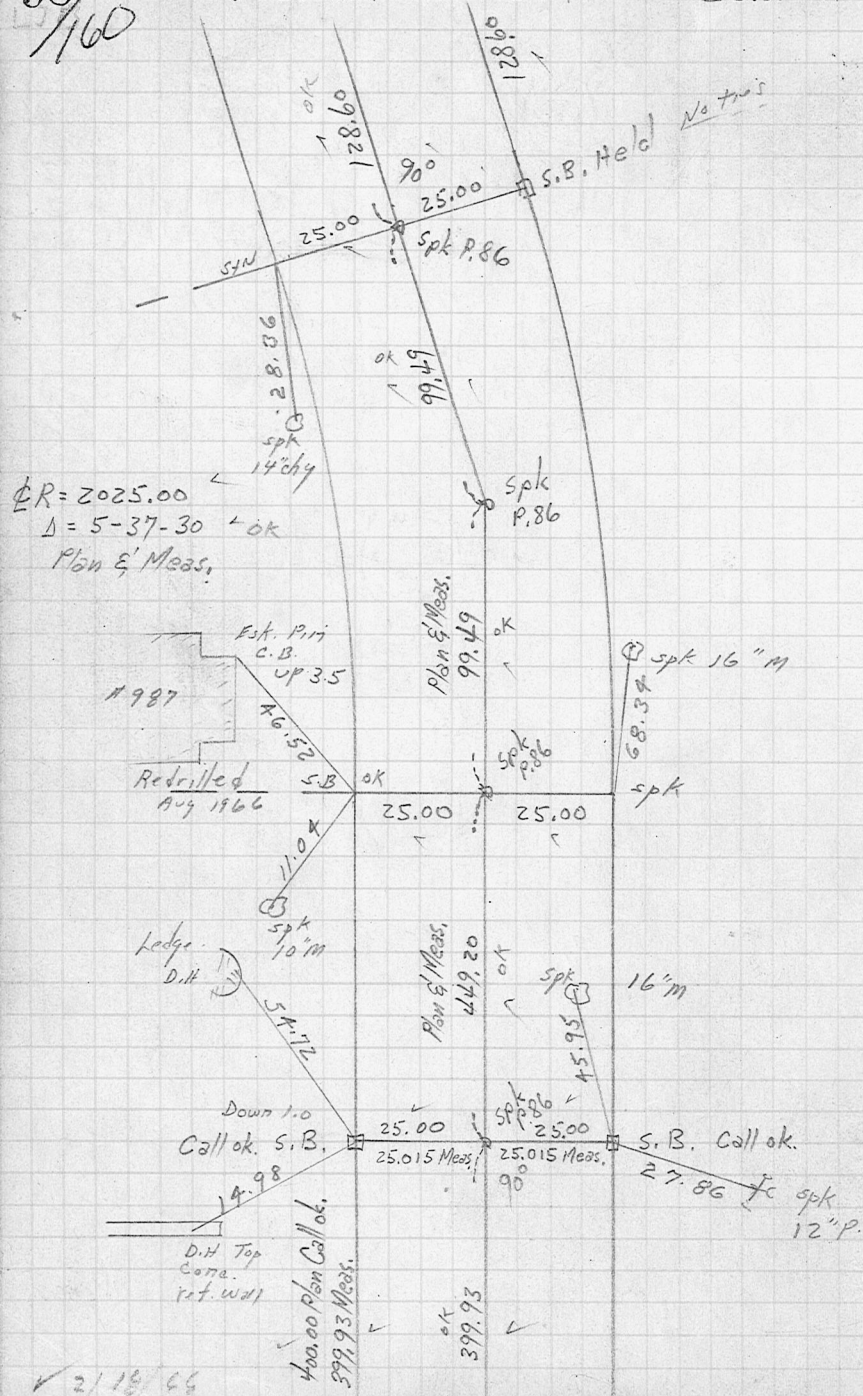
2/28/66

98/ Pleasant St. Canton

Staking Bound Points

Feb. 1966

99



Inst.

Tape

Wthr & Temp.

Date _____

Crew

FIELD BOOK

160

pine

S.B. Held

25.00

Spk.
p88

35.64	0.
-------	----

✓ spk
p 88

Verf.
Spk

30th May

72.76

41

SPK

3 25.00

mark on S.B.

39.80

bot 3rd
shingle up.

#874

178.91
✓ 0/-

179.14
179.109

177.14
179.10 P/2n Coll ok.

✓ 3/18/68

102

~~102~~

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

103

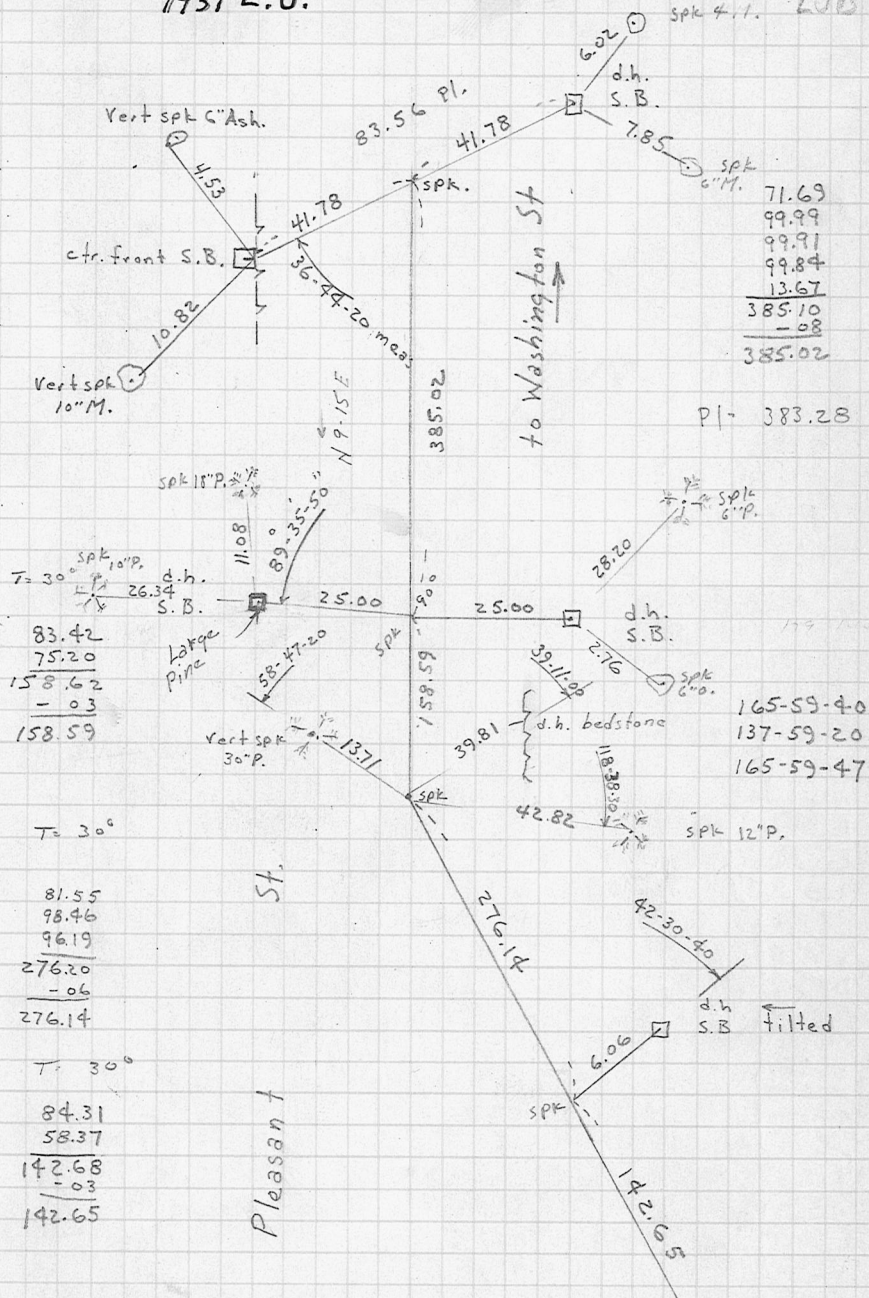
160

1937 L.O.

Feb 26, 1967 105

Spk 4, 1.

673



106

~~106~~

Inst.

Tape

Wthr & Temp.

Date

Crew

107

Inst.

Tape

Wthr & Temp.

Date

Crew

1160

2013

$$\begin{array}{r} 99.71 \\ 99.57 \\ 99.66 \\ \hline 84.37 \end{array} \quad \begin{array}{r} 349.80 \\ 33.48 \\ \hline 383.28 \end{array}$$

S.B. Held.
cut Front
ties p.105

S. B. Held.
ties p. 105

383.28 meas.

SPK 10" P.
4 PG' L

349.80

to Washington St

S. B. Reset
4/11/67

• 10" O.

$\rightarrow \Phi R = 2025.00$
 $\rightarrow \text{Plan A} = 12-09-30$
 $\text{ok} \rightarrow \text{meas A} = 12-08-40$

X-cut rim M.H.

S. B. Resett
4/12/67
78

d h. top conc
cap. wall

d.h. top conc.
guard rail posts

3/27/1917

V 3/27/67

110/60

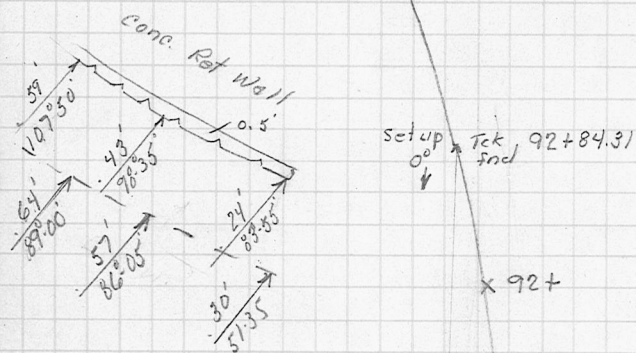
Inst.	Tape	Wthr & Temp.	Date	Crew
-------	------	--------------	------	------

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

111

112 Pleasant St Canton
4/1/60

Additional Detail April 1971 Watson 113
Land 678
Beyer



Setup Tek 92+84.31
0° find

 $\times 92 +$

x 92 -

B

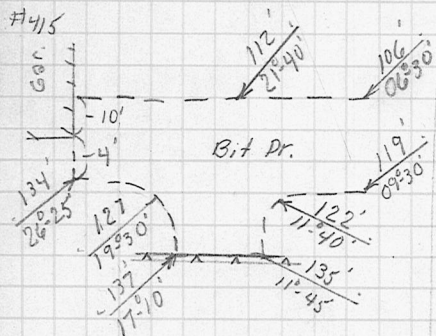
x 91 +

x 912

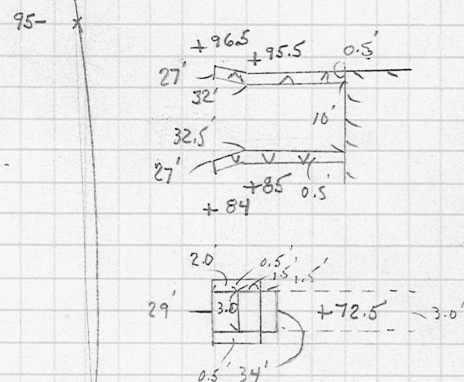
X 904

$\times 90 -$

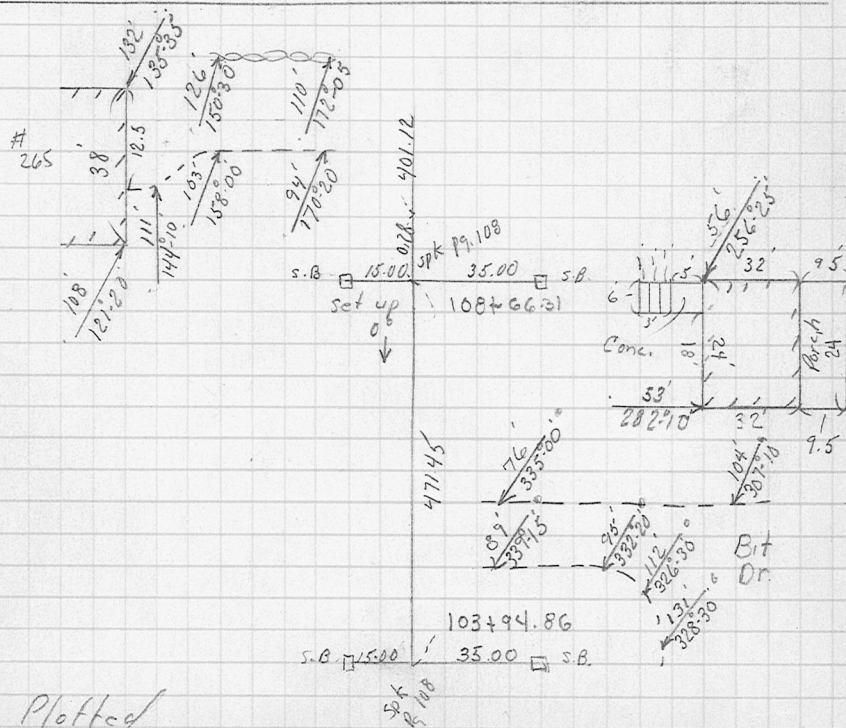
25.00×25.00
 Tck Fnd
 89+94.71



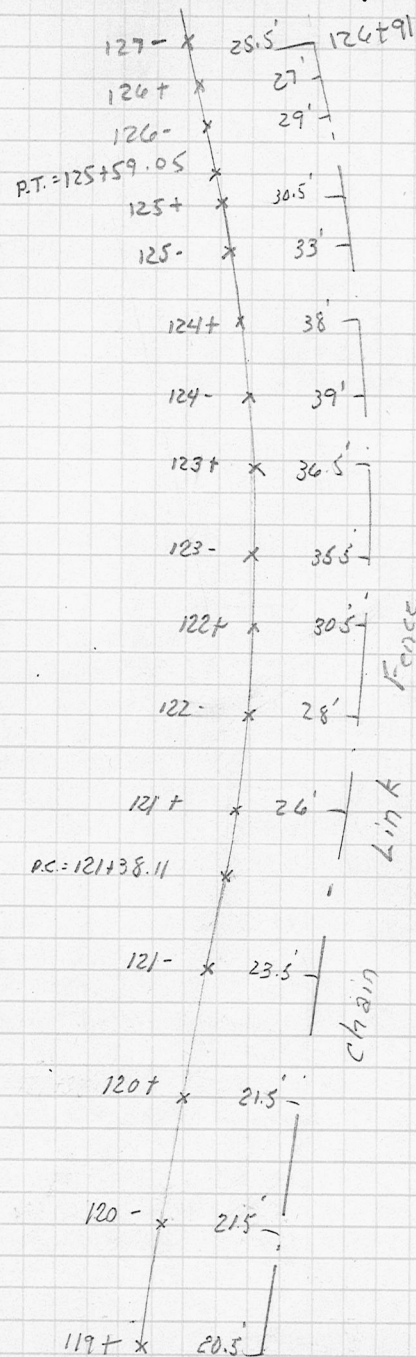
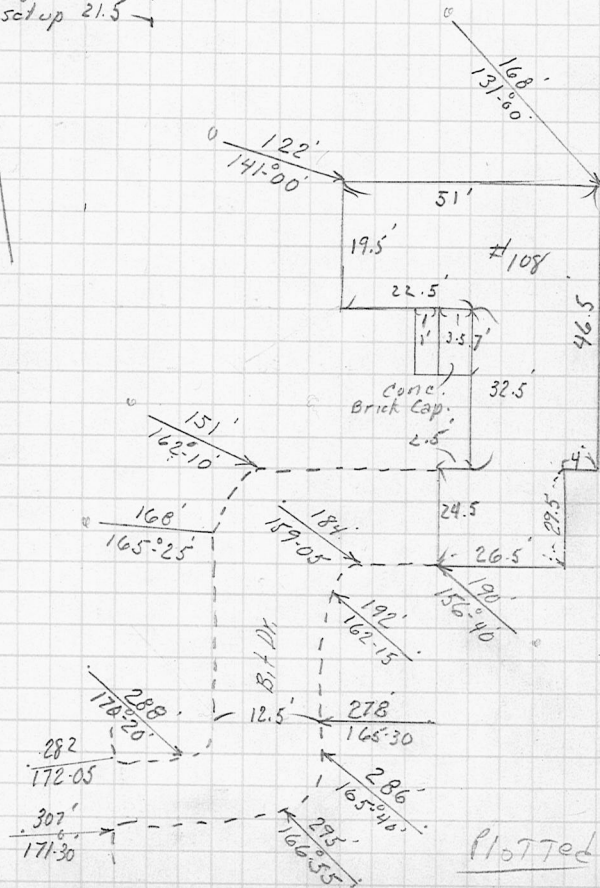
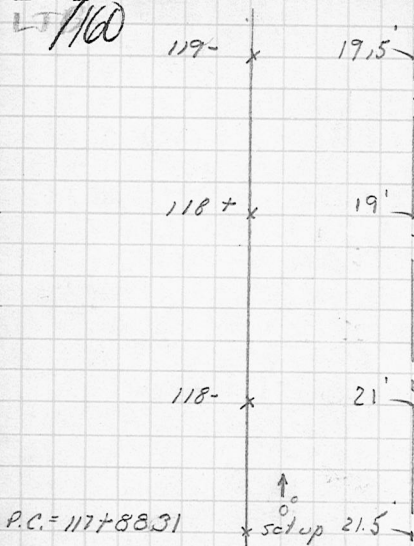
Plotted



Plotted



Plotted



Plotted

116/Additional X Sections

LT 1/60
✓ + 6.32

184.31 ✓
↑

✓ + 6.12

188.69 ✓
↑

Conc. Ret. Wall Lt. ✓

92+84

	E.Dr.	on Dr.	Dr.	@ Wall	on Ret Wall	Bk S.W	@ S.W	ETW		ETW	ETW	@ Ret Wall	on Ret Wall	Bk Wall		
60	57	50	41.5	25	25	24	10.5	3.5	0	6	16.5	25	25	27	50	60
9.0	8.7	8.2	7.6	6.4	6.28	6.2	6.1	6.4	6.4	6.5	6.5	6.0	3.8	4.3	4.9	5.0
179.7	180.0	180.5	181.1	182.3	182.41	182.5	182.6	182.3	182.3	182.2	182.2	182.7	184.9	184.4	183.8	183.7

Conc. Ret. Wall Lt.

93+0 ✓

E.Dr.	Dr.	@ Ret Wall	on Ret Wall	Bk S.W.	@ S.W.	ETW	ETW	ETW
82.5	64	50	50	24	19	3.5	0	Same
10.7	9.6	8.7	6.95	57	5.8	6.2	6.2	
178.0	179.1	180.0	181.74	183.0	182.9	182.5	182.5	

Bit Dr. Lt.

91+57

		E. Dr.	E. Dr.			bks.w	@ S.W	ETW			ETW	ETW			
<u>60</u>	<u>50</u>	<u>45.5</u>	<u>32.5</u>	<u>25</u>		<u>24.5</u>	<u>19.5</u>	<u>3.5</u>	<u>0</u>	<u>6</u>	<u>16</u>	<u>25</u>	<u>50</u>	<u>60</u>	
10.6	10.2	10.2	9.6	8.6		8.6	8.7	8.5	8.4	8.3	8.3	8.1	9.3	9.2	
178.1	178.5	179.5	179.1	180.1		180.1	180.0	180.2	180.3	180.4	180.4	180.6	179.4	179.5	

Bit Dr. Lt.

91+75

Gas Fl.	on Conc. Ap.	@ Conc. Ap.	on Bit Dr.	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
<u>63</u>	<u>61</u>	<u>61</u>	<u>50</u>	<u>44</u>	<u>25</u>	<u>4</u>	<u>0</u>	<u>7</u>	<u>16</u>	<u>25</u>	<u>50</u>	<u>60</u>
10.26	10.44	10.5	10.2	10.0	8.3	8.1	8.1	8.2	8.1	7.4	8.6	8.4
178.43	178.25	178.2	178.5	178.7	180.4	180.6	180.6	180.5	180.6	181.3	180.1	180.3

94+72.5
+ 4.22

189.48 ✓
↑

3.42 B.M. 185.27 Loc Bot Brick Step Hsc #411 (185.26)
USE

2 Conc. Steps + Platf. & Bit Wall Rt.

Gar Fl.	@ on Conc. Ap.	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
49	42	25	25	0	7.5	18	25	29	29	31	32.5	32.5	34	50	70	
5.12	5.81	5.2	5.0	5.0	4.8	4.9	4.6	4.5	3.92	3.95	3.34	2.59	2.62	2.2	1.7	

Top Conc. Ret Wall Rt 184.36 183.67 184.3 184.5 184.5 184.7 184.6 184.9 185.0 185.56 185.53 186.14 186.89 186.86 187.3 187.8

94+85

E.Dr.	E.Dr.	Bk S.W.	on S.W.	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
45	30	25	24	19	2	0	8	18	25	28	32	50	68	83	83	83
5.8	5.5	5.1	5.1	5.1	5.0	5.0	4.8	4.9	4.7	4.7	4.09	2.62	2.30	1.84	1.61	
183.7	184.0	184.4	184.4	184.4	184.5	184.5	184.7	184.6	184.8	185.39	186.86	187.18	187.62	187.87		

Bot Conc. Ret Wall Rt

94+85

E.Dr.	Bk S.W.	on S.W.	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
45	30	25	24	19	2	0	8	18	25	28	32	50	68	83	83	83
5.8	5.5	5.1	5.1	5.1	5.0	5.0	4.8	4.9	4.7	4.6	4.3	3.6	3.5	5.13		
183.7	184.0	184.4	184.4	184.4	184.5	184.5	184.7	184.6	184.8	184.9	185.2	185.9	186.0	184.35		

NSC

✓ A.D.T.

L57/60

189.48

Bit Dr. RE.

94+90

E. Dr.	E. Dr.	Bk.S.W.	ons.W.	ETW	ETW	ETW	on Conc. onconc. Gar fl
50	35.5	25	24	17	2	0	8
5.9	5.8	5.1	5.1	5.1	5.0	5.0	4.8
183.6	183.7	184.4	184.4	184.4	184.5	184.5	184.7

On Conc. Ret Wall Rt

94+95.5

E. Dr.	E. Dr.	Bk.S.W.	ons.W.	ETW	ETW	ETW	on wall	on wall
52	39	25	23.5	19	2	0	8	18
5.9	5.9	5.1	5.1	5.0	5.1	5.1	4.8	5.0
183.6	183.6	184.4	184.4	184.5	184.4	184.4	184.7	184.5

@ Conc. Ret. Wall Rt.

94+95.5

E. Dr.	E. Dr.	Bk.S.W.	ons.W.	ETW	ETW	ETW	@ Wall	@ Wall
52	39	25	23.5	19	2	0	8	18
5.9	5.9	5.1	5.1	5.0	5.1	5.1	4.8	5.0
183.6	183.6	184.4	184.4	184.5	184.4	184.4	184.7	184.5

+ 2.46

187.95

187.95

- 3.99 T.P. 185.49 stone in T.W.

- 7.15 B.M. 180.80 Loc Brick Entry Hsc # 371 (180.78)

B.M. 158.24 Loc Pot Brick Step Hsc # 267

+ 4.10

162.34

162.34

Bit Dr. Rt. ✓

107+87

B 10-off

ETW	ETW	ETW	ETW	ETW	ETW	ETW
10-off	8.5	35	60	75		
5.3	5.3	3.0	1.2	0.2		
157.0	157.0	159.3	161.1	162.1		

3 Conc. Steps + Platf Rt

108+74

ETW	ETW	ons.W.	Bk.S.W.	@ 1st
3.5	0	5.5	17	22
7.9	7.9	7.8	6.6	6.6
154.4	154.4	154.5	155.7	155.7

Dirt Dr. Lt.

109+70

on Dirt	Dr	ETW
85	75	50
15.7	14.9	14.0
146.6	147.4	148.3

+ 2.86

154.10

154.10

- 11.10 T.P. 151.24 T.P. stone T.W.

W.S.C.
- A.D.T.

120

110

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

121

122/ Additional X Sections ^{154.10} ✓

154.10

+ 11.59

159.46
11

Bit Dr. Rt.
114+97

		E.T.W.		ETW		Top Bank E. Dr.	
0	4	15.5	25	40	50.5		
10.6	10.6	10.6	9.8	9.5	9.5		
148.9	148.9	148.9	149.7	150.0	150.0		

Bit Dr. Rt.
115+75

		E.T.W.		ETW		E. Dr.	
0	4.5	15	25	37			
8.7	8.6	8.4	7.2	6.0			
150.8	150.9	151.1	152.3	153.5			

Bit Dr. Rt.
116+25

		E.T.W.		ETW @ Wall		on Wall	
0	4	14	20.5	20.5	25		
6.8	6.8	6.8	5.8	4.0	3.2		
152.7	152.7	152.7	153.7	155.5	156.3		

+ 4.61

155.83 ✓
11

Pleasant St.

Canton April 1971 23

- 6.29 B.M. 147.81 Chisled Square Loc Sewer. LTB
Box (147.87)
Use

		Bot Bank	
60.5	70.5		
11.7	12.4		
147.8	147.1		
E. Dr.	E. Dr.		
43	49.5	65	
5.9	5.9	5.7	
153.6	153.6	153.8	

		E. Dr.		on Dr.		Sill	
35	43	71					
1.9	1.5	+0.1				0.81	
157.6	158.0	159.6				158.65	

- 8.24 T.P. 151.22 Stone in T.W.

- 7.96 B.M. 147.87 See Above (147.87)

✓ A.D.T. WSC

124

1160

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

125

126/160

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

127

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

130

160

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

131

132

7/10

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

133

134

1160

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

135

136
160

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

137

138

160

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

139

140 TOWN LINE SURVEY ~ CANTON ~

1160

Avg. Ft. = 1413.292
Avg. Meters = 430.765
1413.268
Avg 1413.280 x Sin 90° 00' 32"
1413.28

spk 20° P
up 5.5
1X = 156° 09' 20"
3X = 108° 28' 00"
X = 156° 09' 20"
6X = 216° 55' 20"
X = 156° 09' 13"

156° 09' 13"
(thead)

spk
12° P

1X = 82° 31' 40"
2X = 165° 03' 10"
X = 82° 31' 35"

USC & G.S.
disk
M128CJ
(Milton)

Blue Hill River Rd

Date 4/7/77 Bar 30.45
Temp. 45° P.P.M. + 13
offset 98

Avg. Ft. = 1519.404
Avg. Meters = 463.126 1519.438
Avg. 1519.422 x Sin 90° 20' 02"
1519.40

77-NCE-13

RANDOLPH ~ APRIL 1977 (Vicinity Route 128)

Watson
Genetti
Kelly

141
150

Avg. Ft. = 1280.682
Avg. Meters = 390.359
1280.702
Avg. 1280.692 x Sin 90° 49' 30"
1280.56

225° 29' 33"
77-NCE-11
d.h. Gran Curb
Overpass
(Exit 65)
N.B. 408-24 EMD
1472.183
d.h. Gran
Curb on line
Avg. Ft. = 554.861
Avg. Meters = 169.122
554.862
Avg. 554.862 x Sin 90° 32' 15"
554.838

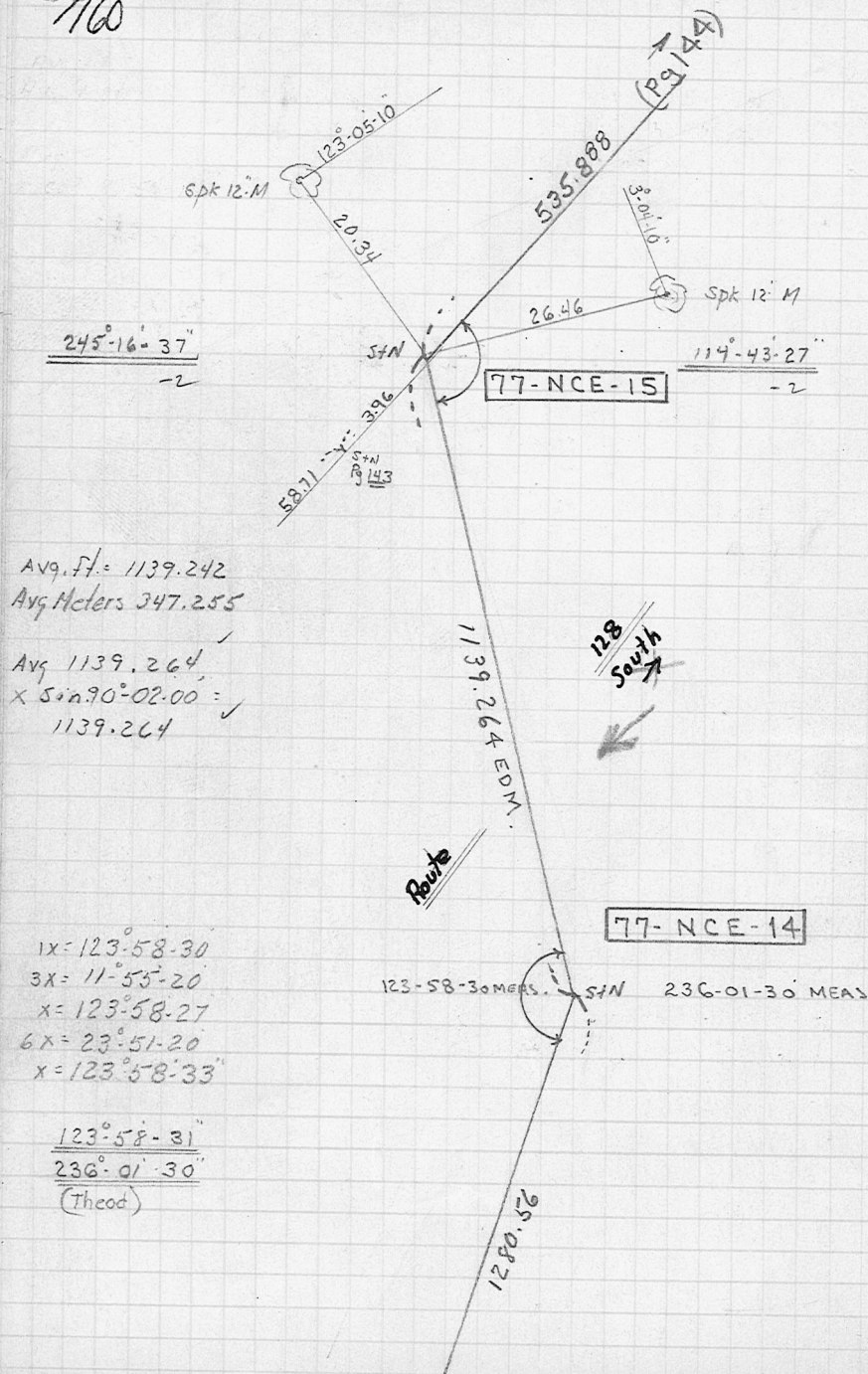
1X = 134° 30' 30"
3X = 43° 31' 10"
X = 134° 30' 23"
6X = 87° 03' 00"
X = 134° 30' 30"

134° 30' 22"
(thead)

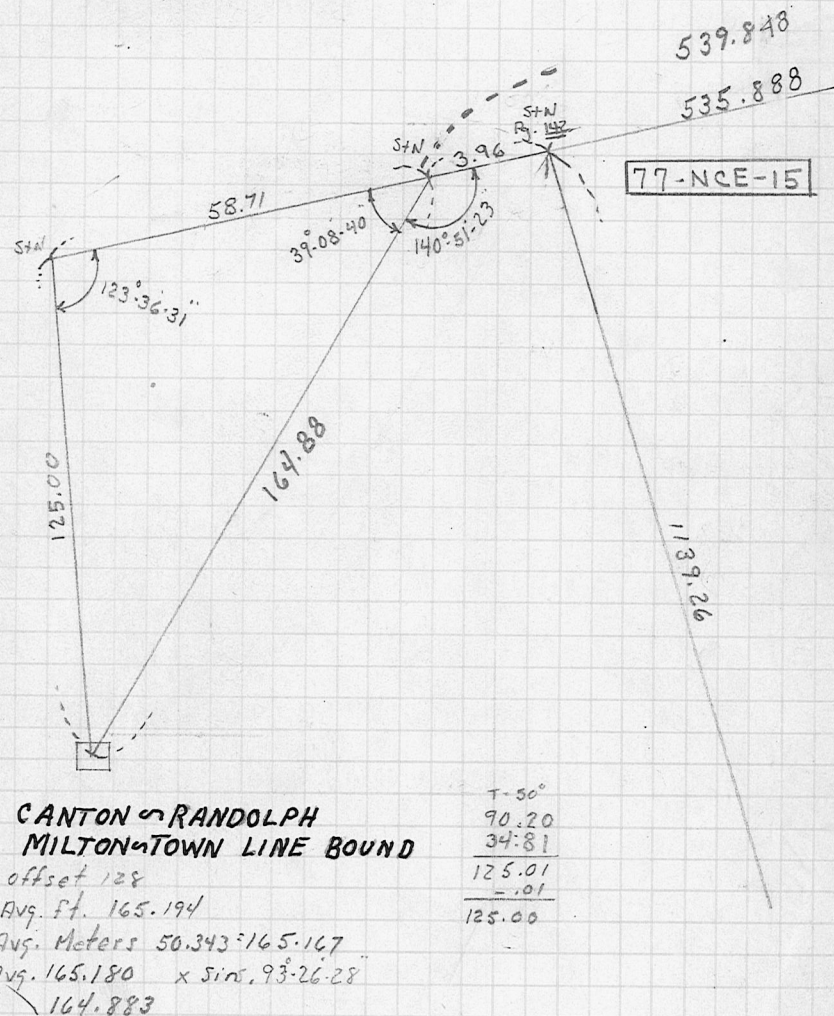
1X = 155° 19' 50"
3X = 105° 59' 40"
X = 155° 19' 53"
6X = 211° 59' 30"
X = 155° 19' 55"

155-19-50
204-40-05
(thead)

USC & G.S.
disk
M128CG
(Milton)



$\text{Avg. ft} = 539.839$
 $\text{Avg. Meters } 164.549 =$
 539.858
 $\text{Avg. } 539.848 \times 5, \text{ in. } 89.54 - 14$
 539.848

$$\begin{array}{r} 539.848 \\ 3.96 \\ \hline 535.888 \end{array}$$


CANTON ~ RANDOLPH
MILTON ~ TOWN LINE BOUND

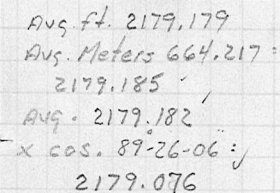
offset 128
Avg. ft. 165.194
Avg. Meters 50.343 = 165.167
Avg. 165.180 x $\sin 93^{\circ}26'28''$
164.883

T-50°
90.20
34.81

125.01
- .01

125.00

Date 4/8/77 Bar. 30.15
Temp 50° offset 98 P.P.M +19



146/TOWN LINE SURVEY of CANTON

LTD/160

RANDOLPH of April 1977

147

Inst.

Tape

Wthr & Temp.

Date

Crew

Avg. Ft. 811.596

Avg. Meters 247.386 = 811.632

Avg. 811.614 x

Sta 89-26-10 = 811.574

Blue Hill

Rd

U.S.C. & G.S.
disk-XM128E
(Canton)

Route

138

d.h. Gran Curb

77-NCE-19

131-57-27

-01

228-02-34

STN

spk 8" M

P.A. Bolt
to Sign Post

17-39-20

21.87

81-21-30

10.85

78.39

141-58-00

1841.010 EDM.

811.574 EDM.

148/
160

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

149

150
1100

Inst. Tape Wthr & Temp. Date Crew

151

Inst. Tape Wthr & Temp. Date Crew

152

1160

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

153

154

/60

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

155

156

1/60

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

157

158/
160

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

159

160/60

Inst.

Tape

Wthr & Temp.

Date

Crew