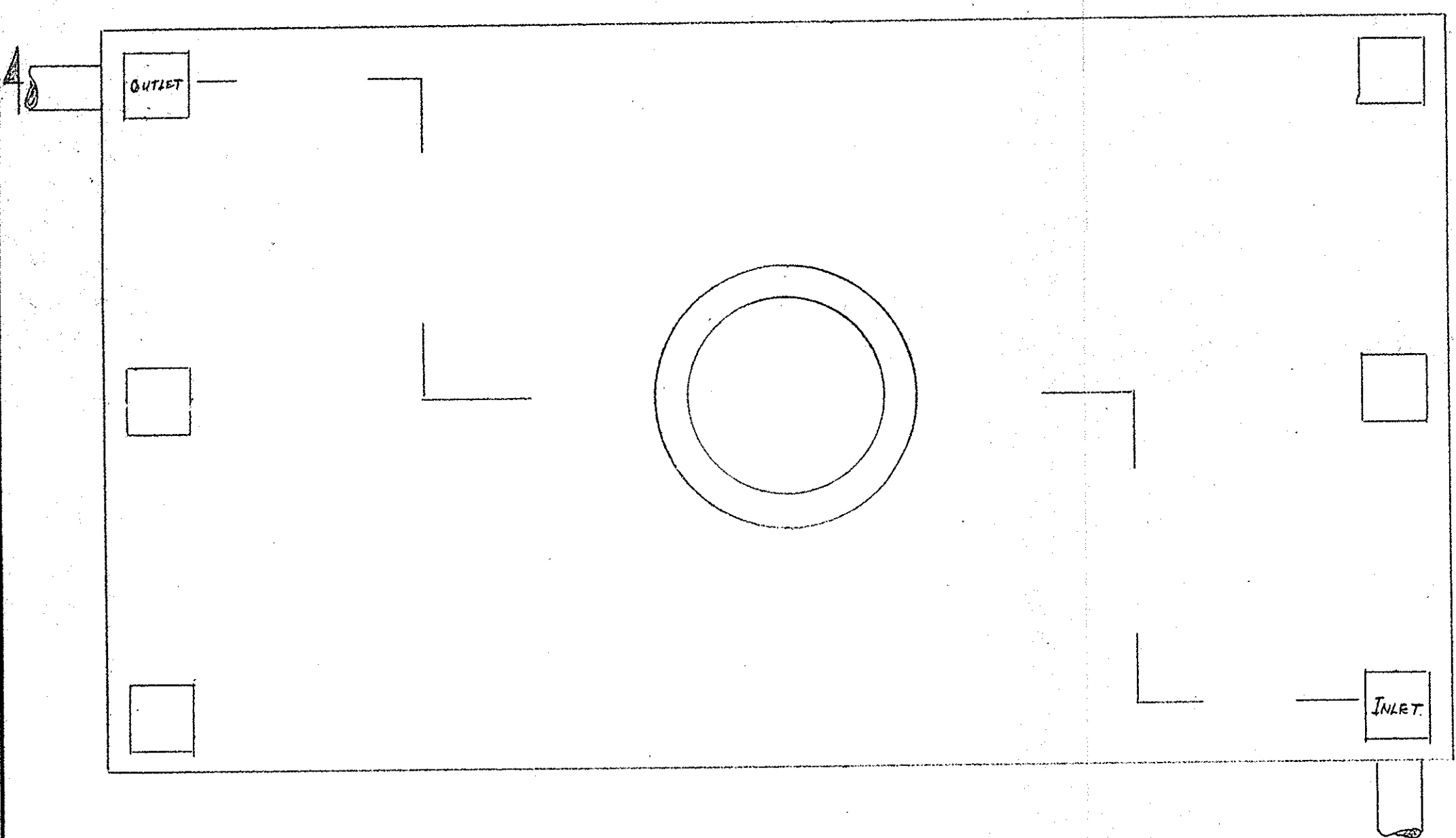
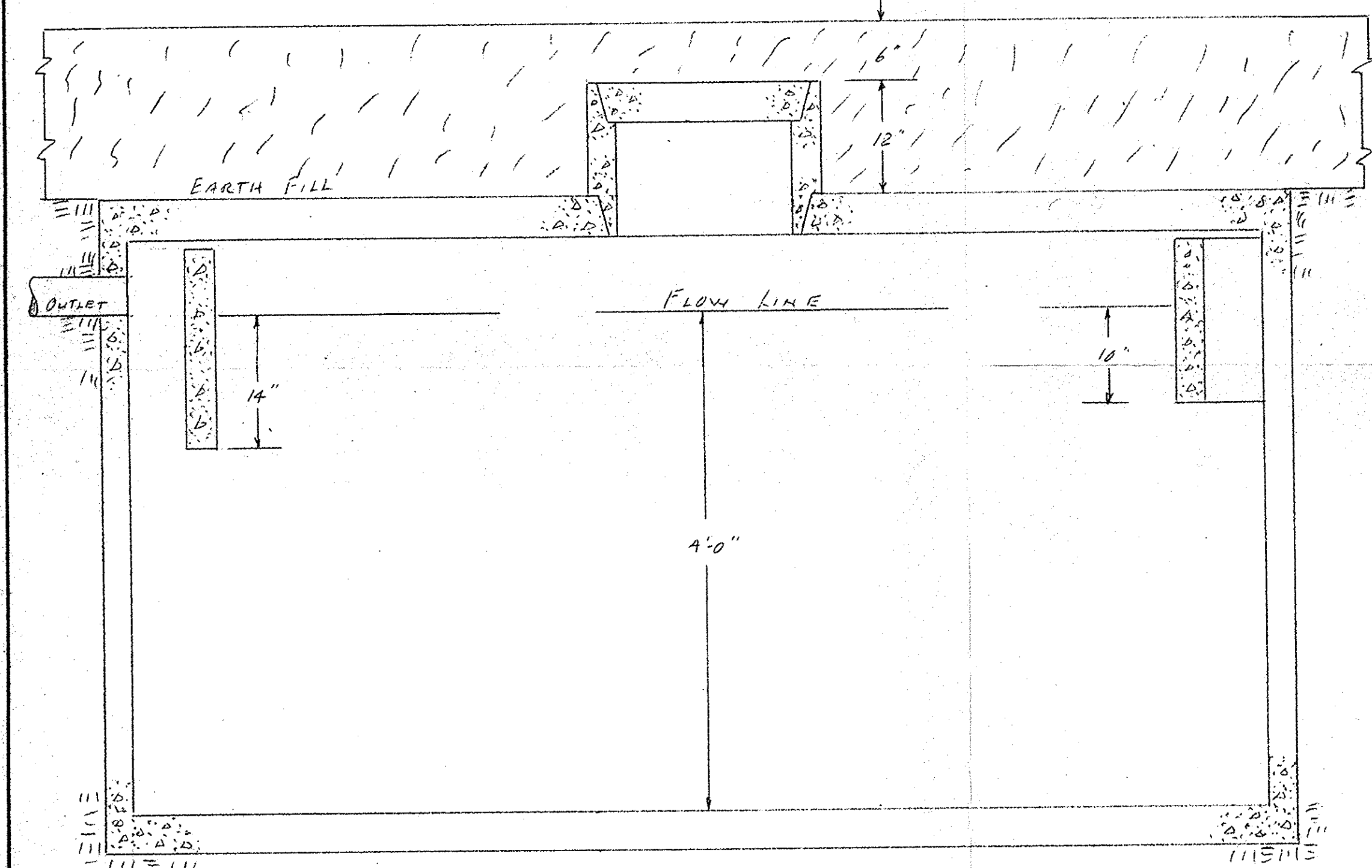


ELEVATIONS

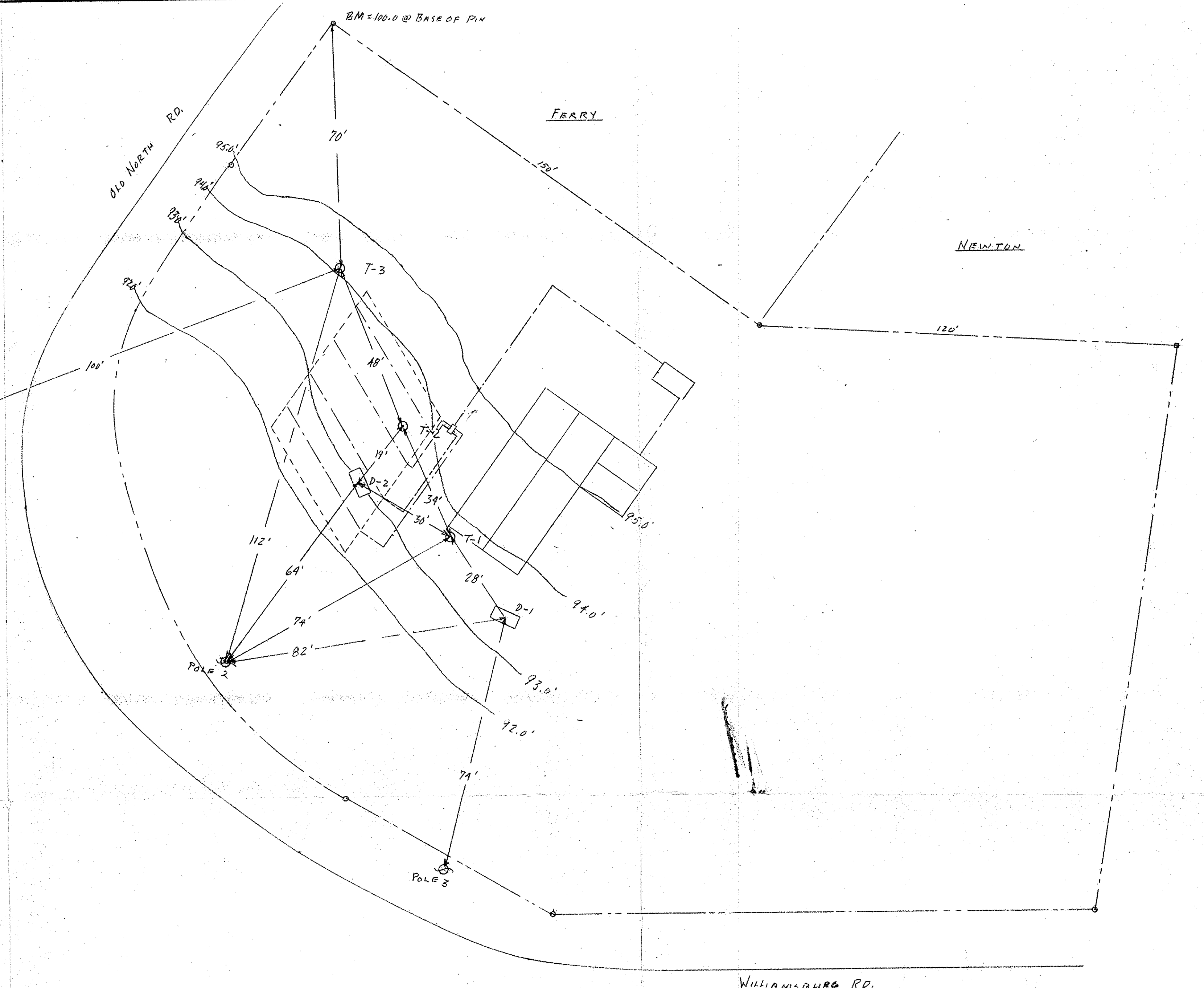
BUILDING SEWER GRADE	95.75'
SEPTIC TANK INVERT	94.75'
SEPTIC TANK GRADE	96.50'
TOP	95.29'
INLET INV.	94.54'
OUTLET INV.	94.29'
BOTTOM	89.96'
EXCAVATION	89.50'
D-Box GRADE	95.00'
INLET INV.	93.33'
OUTLET INV.	93.16'
BOTTOM	92.75'
LINE #1 GRADE	94.60'
CHAMBER TOP	93.00'
INLET INV.	92.58'
BOTTOM	91.67'
END INV.	92.48'
BOTTOM	91.57'
EXCAVATION	91.32'
LINE #2 GRADE	93.50'
CHAMBER TOP	92.50'
INLET INV.	92.08'
BOTTOM	91.17'
END INV.	91.98'
BOTTOM	91.07'
EXCAVATION	90.82'
LINE #3 GRADE	93.25'
CHAMBER TOP	92.25'
INLET INV.	91.83'
BOTTOM	90.92'
END INV.	91.73'
BOTTOM	90.82'
EXCAVATION	90.57'
LINE #4 GRADE	92.50'
CHAMBER TOP	91.50'
INLET INV.	91.08'
BOTTOM	90.17'
END INV.	90.98'
BOTTOM	90.07'
EXCAVATION	89.82'



SEPTIC TANK PLAN
SCALE 1"=1'-0"



SECTION
SCALE 1"=1'-0"



PERCOLATION TEST PLAN
SCALE 1"=20'

PERCOLATION TEST OBSERVATION PIT

PIT NO.	D-1	D-2
Pit depth	8'-0"	7'-6"
SOIL TYPE		
Topsoil	12"	12"
Sandy loam	12"	12"
Dense silty sand with stones	6'-0"	5'-6"
Ledge	None	None
Water table	None	None

TEST PIT

PIT NO.	T-1	T-2	T-3
Pit depth	36"	30"	30"
Soak	14.0" 9:15	14.0" 9:45	14.0" 10:35
Test	13.0" 9:30	12.0" 10:00	12.0" 10:51
	11.0" 10:08	10.0" 10:17	11.0" 10:59
	10.0" 10:17	9.0" 10:28	10.0" 11:11
	9.0" 10:28	8.0" 10:43	9.0" 11:25
	8.0" 10:43	7.0" 11:01	8.0" 11:42
	7.0" 11:01	6.0" 11:23	7.0" 12:03
	6.0" 11:23		6.0" 12:29

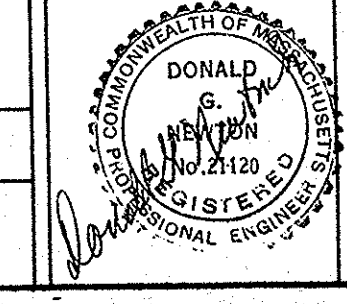
Elapsed time 54 minutes 64 minutes
 Level drop 3 inches 3 inches
 Percolation rate 18 min./inch 22 min./inch
 Test made by Newton Assoc.
 Date 5/10/94
 Board of Health Observer G. Donovan
 This test meets the requirements of the Massachusetts Environmental Code, Title 5.

- INSPECTION**
- The septic system shall be inspected by the design engineer before it is covered.
 - The contractor shall notify the engineer at least 24 hrs. in advance of the anticipated completion time.

DATE	SYM.	REVISION	DRWN.	CHK.	DATE	SYM.	REVISION

Machine Design Tolerances Unless Noted
 0.005 = .005 inches
 0.010 = .010 inches
 0.030 = .030 inches
 Fractions = 16ths
 Angles = 30 min.

SCALE: NOTED
 DATE: 4/26/95
 DRAWN: DENIR
 CHECKED:
 WORTHINGTON HISTORICAL SOCIETY
 WORTHINGTON MASS.
 SEPTIC WASTE TREATMENT SYSTEM
 PLANS & SECTIONS



LOT ON WILLIAMSBURG RD. AT WORTHINGTON CORNERS

NEWTON ASSOCIATES IN ENGINEERING
 WORTHINGTON, MASSACHUSETTS

PRINTED: APR. 27 1995
 DRAWING NO. 158A-SWT-01
 PROJ - CODE - SHEET