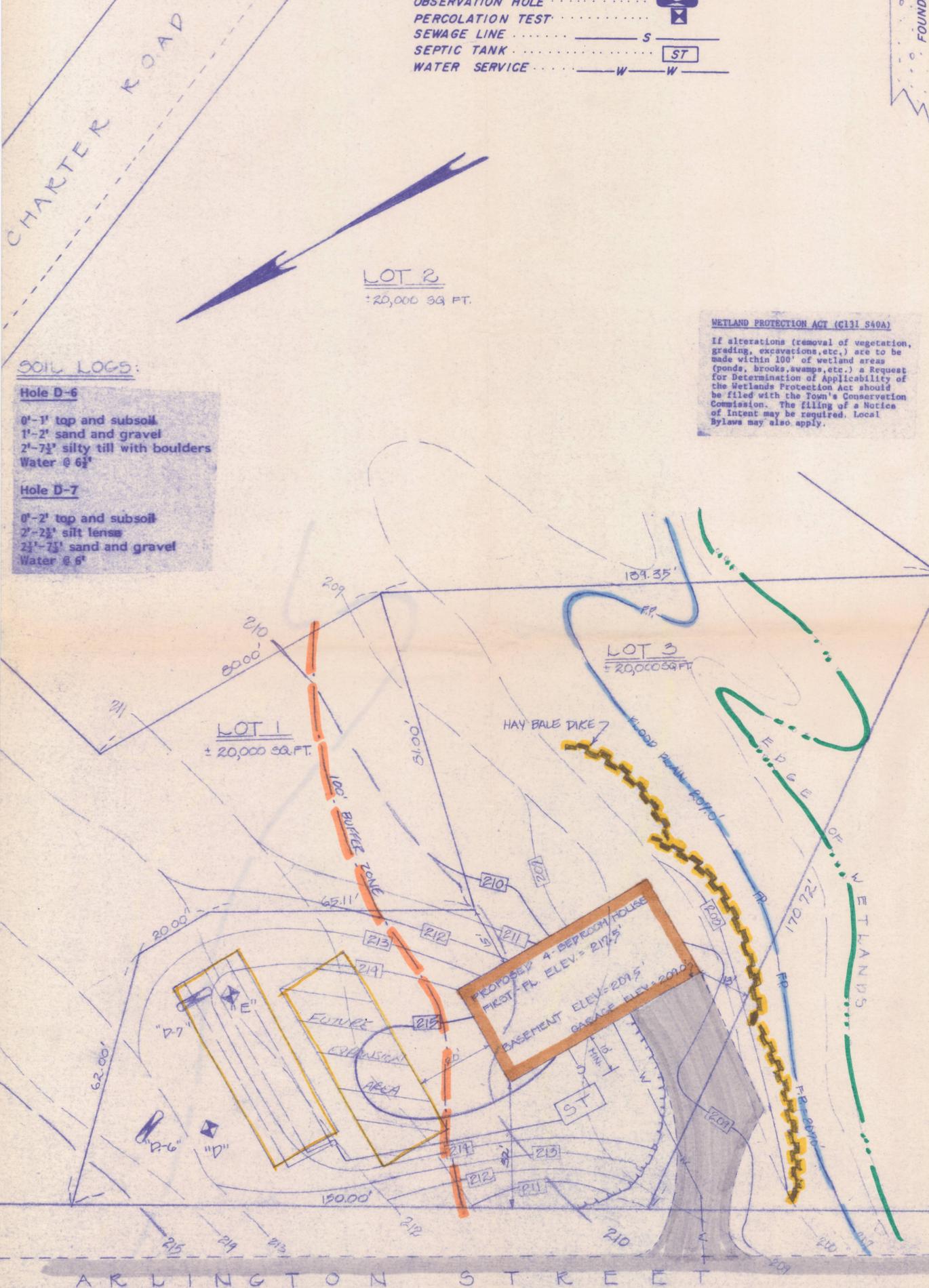


SITE PLAN
SCALE: 1" = 20'



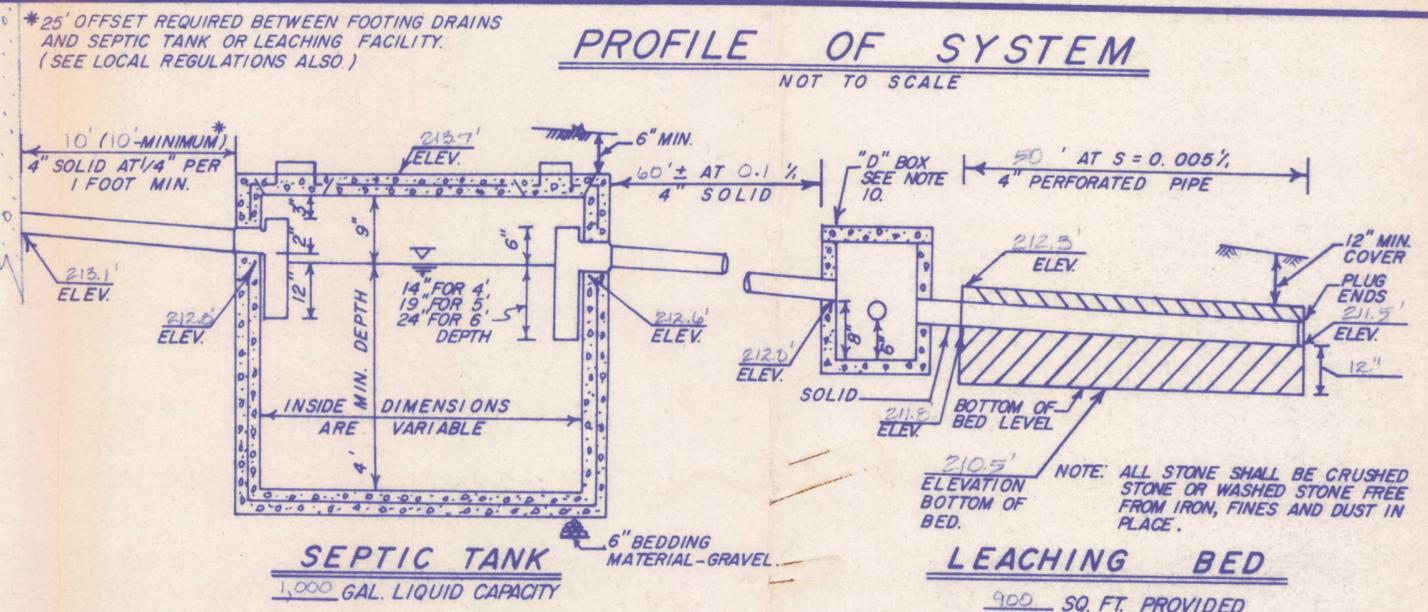
SOIL LOGS:

Hole D-6
0'-1' top and subsoil
1'-2' sand and gravel
2'-7 1/2' silty till with boulders
Water @ 6 1/2'

Hole D-7
0'-2' top and subsoil
2'-2 1/2' silt lens
2 1/2'-7 1/2' sand and gravel
Water @ 6'

WETLAND PROTECTION ACT (C131 S40A)
If alterations (removal of vegetation, grading, excavations, etc.) are to be made within 100' of wetland areas (ponds, brooks, swamps, etc.) a Request for Determination of Applicability of the Wetlands Protection Act should be filed with the Town's Conservation Commission. The filing of a Notice of Intent may be required. Local Bylaws may also apply.

PROFILE OF SYSTEM
NOT TO SCALE



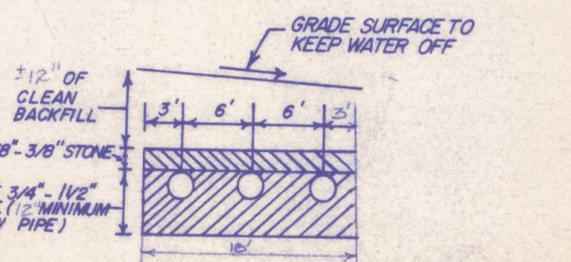
- NOTES:**
- THIS PLAN IS TO SHOW THE DESIGN OF THE SUBSURFACE SEWAGE DISPOSAL SYSTEM ONLY. SYSTEM IS DESIGNED FOR FLOWS ESTIMATED UNDER DESIGN CRITERIA
 - SYSTEM IS DESIGNED ONLY TO ACCOMMODATE SANITARY SEWAGE ASSOCIATED WITH NORMAL DOMESTIC USAGE AND CONSISTING OF WATER-CARRIED PUTRESCIBLE WASTE.
 - SYSTEM NOT DESIGNED FOR GARBAGE GRINDERS. SYSTEM SHALL BE VENTED THROUGH BUILDING PLUMBING AS REQUIRED BY BUILDING CODE.
 - PROPERTY LINES AND HOUSE LOCATION ARE GRAPHIC ONLY, PROPERTY LINES NOT HAVING BEEN VERIFIED, NO REPRESENTATION OR CERTIFICATION AS TO THE ACCURACY OF THOSE SHOWN IS IMPLIED OR INTENDED.
 - APPLICABLE ZONING REGULATIONS SHALL BE CONFIRMED BY OWNER PRIOR TO CONSTRUCTION.
 - PLAN SHOWS ONLY THOSE FEATURES THAT WERE VISUALLY APPARENT ON DATE OF TOPOGRAPHY AND THE ABSENCE OF SUBSURFACE STRUCTURES, UTILITIES, ETC. IS NOT INTENDED OR IMPLIED.
 - THERE ARE NO EXISTING WELLS WITHIN 100' OF THE PROPOSED SEWAGE DISPOSAL SYSTEM (100' OF SEPTIC TANK.)
 - THERE ARE NO EXISTING SEWAGE DISPOSAL SYSTEMS WITHIN _____ OF THE PROPOSED WELL. TOWN WATER PROVIDED.
 - SEPTIC TANK SHALL BE OF APPROVED DESIGN AND WATERTIGHT. MANHOLES SHALL EXTEND WITHIN 6" OF FINAL GRADE.
 - DISTRIBUTION BOX OUTLETS TO BE LEVEL-FIRST PIPE LENGTHS TO BE LAID LEVEL. BOX TO BE PLACED ON STABLE BASE. SOLVENT WELDED PVC TEE, CUT OFF 1" ABOVE OUTLETS, IS REQUIRED IF SLOPE OF INLET PIPE EXCEEDS 8%.
 - ALL LOAM, LARGE BOULDERS, OR FOREIGN MATERIAL ENCOUNTERED DURING EXCAVATION TO BE REMOVED FROM THE LEACHING AREA.
 - ALL STONE SHALL BE DURABLE, CRUSHED OR WASHED STONE FREE FROM IRON, FINES, AND DUST IN PLACE.
 - ALL NATURAL SOIL (OR FILL) INTERFACES SHALL BE ROUGHENED PRIOR TO PLACEMENT OF STONE.
 - FINISHED SURFACE OF LEACHING AREA SHALL BE GRADED TO INSURE RUNOFF (2% MINIMUM).
 - ALL DISTURBED AREAS TO BE LOAMED, SEEDED AND MAINTAINED TO PREVENT EROSION.
 - SEPTIC TANK SHOULD BE PERIODICALLY INSPECTED AND MAINTAINED, IF NECESSARY, INCLUDING, WITHOUT LIMITATION, SEPTIC TANK SHOULD BE PUMPED WHEN SLUDGE DEPTH IN BOTTOM EXCEEDS 1/4 THE LIQUID DEPTH, OR EVERY TWO YEARS MINIMUM. ANY VARIANCES OR DEVIATIONS IN DESIGN OR CONSTRUCTION FROM THIS PLAN OR ANY OF THE AFORESAID CONDITIONS RELATING TO THE USE OR MAINTENANCE OF THE PROPOSED SYSTEM SHALL BE DEEMED TO VOID ANY CERTIFICATIONS OR REPRESENTATIONS MADE RELATIVE TO THIS SUBSURFACE SEWAGE DISPOSAL SYSTEM.

NOTE: REPRODUCTION OF THIS PLAN, IN WHOLE OR IN PART, IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE DESIGN ENGINEER AND FIRM.



REVISIONS:

4/20/84	BUFFER ZONE & HAY BALE DIKE ADDED



CROSS SECTION OF BED
(NOT TO SCALE)

DESIGN CRITERIA

- PERCOLATION RATES — (MIN./INCH)

RATE	DEPTH	DATE
"P" DISCONT'D O'NIGHT - SNAK REG'D AT 20" ON 2-13-84	50"	ON 2-13-84
"E" 2 MIN/INCH AT	50"	ON

- OBSERVATION HOLE DATA:
SEE SOIL LOGS
- FLOWS: 4 BEDROOMS AT 110 GPD = 440 GPD
- SEPTIC TANK REQUIRED: (1,000 GAL. MIN.)
440 GPD X 1.5 = 660 GAL.
- LEACHING AREA PROVIDED:
A. BASIS 2 MIN/IN. PERCOLATION RATE.
B. APPLICATION RATE ALLOWED 1.00 GPD/SF
C. BOTTOM AREA PROVIDED 900
D. GPD. PROVIDED FOR 900 PER TITLE 5

STREET: ARLINGTON STREET LOT NO. 3

ADDITIONAL TEST HOLES REQUIRED

SUBSURFACE SEWAGE DISPOSAL SYSTEM
IN
ACTON, MASS.
DESIGNED FOR
AUTHENTIC HOMES

SCALE AS SHOWN. JUNE 1984

CHARLES A. PERKINS CO., INC.
REGISTERED ENGINEERS & SURVEYORS
444 HIGH ST. - CLINTON, MASS 01510

JOB NO. 6174 PLAN NO. M-6630