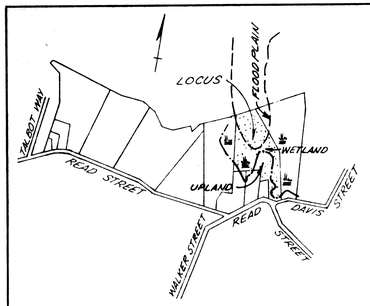


LOCATION MAP

0 1200

SCALE IN FEET

N.

APPROXIMATE LIMIT OF 100 YEAR FLOOD HAZARD ZONE

BENCH MARK
TOP OF IRON ROD
EL. = 86.77

BENCH MARK
GROUND AT IRON ROD
EL. = 97.80

READ STREET

DAVIS STREET

PLACE STAKED HAYBALES AT EDGE OF WETLAND AND THE EDGE OF THE PROPOSED DRIVEWAY. NO FILLING IS PROPOSED IN THE WETLAND

EDGE OF WETLAND VEGETATION AS FLAGGED BY KARL DROWN

STAKED HAYBALES

DRIVE

UNDERGROUND ELECTRIC

EXISTING GRADE

LEDGE

APPROXIMATE EDGE OF LEDGE

WELL

TEST PIT #1 EL 87.0

TEST PIT #2 EL 84.7

TEST PIT #1		TEST PIT #2	
0	TOP and SUBSOIL 36"	0	TOP and SUBSOIL 18"
3.0'	TIGHT SAND and GRAVEL VERY SILTY	1.5'	COARSE SAND and GRAVEL 24"
	WATER @ 5.0' EL=82.0	3.5'	WATER @ 4.0' EL=80.7
9.0'	NEED SAND and GRAVEL SOME SILT and BOULDERS 72"		TIGHT SAND and GRAVEL SOME SILT
13.0'		8.5'	60"

WATER TABLE DATA

DATE DUG: 7/27/93
DATE READ: 2/3/94
WT. DEPTH 5.0' 4.0'
PERC RATE: 10 M.P.I.
PERC DEPTH 120"-132"
WITNESS HAROLD CHENEVERT

NOTES

1. ALL WORK SHALL CONFORM TO THE 310 CMR 15.00 STATE ENVIRONMENTAL CODE TITLE 5 RULES AND REGULATIONS AND THE RULES AND REGULATIONS OF THE LOCAL BOARD OF HEALTH.
2. STRIP ALL TOP SOIL, SUB SOIL AND ANY OTHER IMPERVIOUS SOIL IN THE AREA OF THE SYSTEM AND 2.0 FEET BEYOND IN ALL DIRECTIONS WHERE POSSIBLE. REPLACE WITH GRAVEL.
3. ALL PIPING TO BE 4" P.V.C. SCH. 40 UNLESS OTHERWISE NOTED.
4. THE CELLAR FLOOR ELEVATION SHOWN HAS BEEN SUGGESTED AS A MINIMUM BASED UPON OBSERVED GROUNDWATER CONDITIONS. SINCE GROUNDWATER LEVELS FLUCTUATE ANNUALLY, NO WARRANTY OF A DRY CELLAR IS EXPRESSED OR IMPLIED.
5. IF CONDITIONS ENCOUNTERED DURING CONSTRUCTION VARY SUBSTANTIALLY FROM THOSE SHOWN ON THIS PLAN, NOTIFY CAPUTO AND WICK LTD. BEFORE PROCEEDING WITH CONSTRUCTION.

DESIGN DATA

DAILY SEWAGE FLOW

4 BEDROOMS × 110 G.P.D. × 150% = 660 G.P.D.

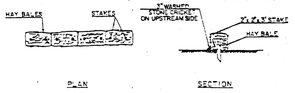
SEPTIC TANK REQUIREMENTS

1. USE 1,500 GALLON TANK.
2. SHOULD BE CLEANED AT LEAST ANNUALLY

LEACHING AREA REQUIREMENTS

USE 8 FLOWDIFFUSORS WITH 4" OF STONE ON THE SIDES, 4" OF STONE AT THE ENDS AND 6" OF STONE BELOW.

SIDES:
2 × 72' × 1.50' × 1.00 = 216 G.
2 × 12' × 1.50' × 1.00 = 36 G.
BOTTOM:
12' × 72' × 0.55 = 475 G.
TOTAL = 727 G.



TYPICAL HAY BALE DIKE

CONSTRUCTION SEQUENCE

1. SET STAKED HAYBALES PRIOR TO CONSTRUCTION AND MAINTAIN UNTIL LOAM AND SEED HAS BEEN ESTABLISHED
2. GRADE ENTIRE LOT TO SUB-GRADE.
3. PROBE THE EASTERLY END OF THE LEACHING FIELD TO VERIFY STRIP REQUIREMENT WITH HEALTH AGENT.
4. INSTALL WELL
5. INSTALL FOUNDATION.
6. INSTALL SYSTEM
7. FINISH GRADE LOAM AND ESTABLISH LAWN FOR EROSION CONTROL

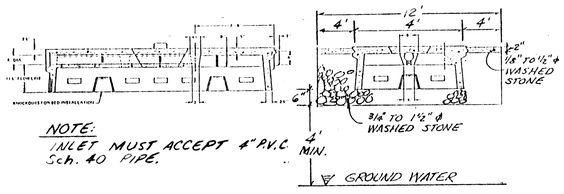
NOTE:
NO WORK IS PROPOSED WITHIN THE 100 YEAR FLOOD HAZARD ZONE OR THE RESOURCE AREA

PROPERTY LINE
EXISTING GRADE
12' DRIVE
LOAM & SEED
WET MASONRY WALL
BIT.
GRAVEL
UTILITIES
EDGE OF WETLAND VEGETATION
STAKED HAYBALE

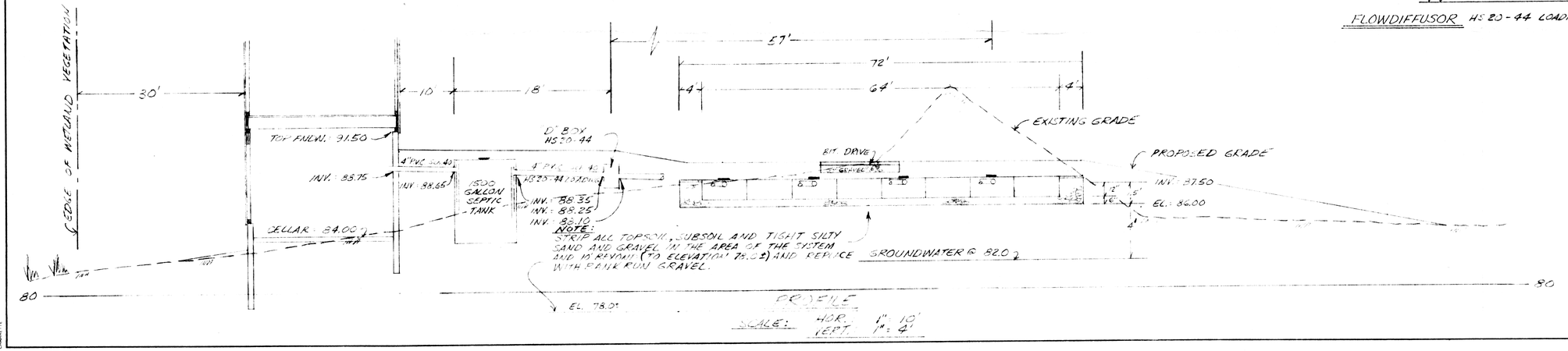
SECTION A-A
SCALE: HOR. 1" = 10'
VERT. 1" = 4'

SECTION B-B
SCALE: HOR. 1" = 10'
VERT. 1" = 4'

PLAN
SCALE: 1" = 30'



FLOWDIFFUSOR HS 20-44 LOADING



PROFILE
SCALE: HOR. 1" = 10'
VERT. 1" = 4'

PLAT 25
PART OF LOT 8B
RECORD LOT B
AREA = 16.787 Acres
ZONE: R-4/G.A.P.D.

69-310

SEWAGE DISPOSAL SYSTEM
READ STREET REALTY TRUST
READ ST. and DAVIS ST.
SEEKONK, MASSACHUSETTS

CAPUTO AND WICK LTD.
1150 PAWTUCKET AVE
RUMFORD, R.I. 02916
401-434-8880

DATE 2/17/94
REV. 3/2/94
SHEET 1 OF 1

CHARRETTE