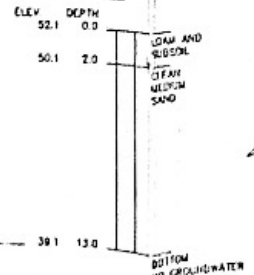


DESIGN DATA.
STRUCTURE:
 SINGLE FAMILY RESIDENCE
DESIGN FLOW:
 FOURBEDROOM - NO GARBAGE GRINDER
 4 X 110GPD/BDRM = 440GPD
SEPTIC TANK:
 1.5 X 440 = 660 GPD
 USE 1000 GALLON SEPTIC TANK
LEACHING RATES:
 SIDE AREA: 2.50 GPD/SF
 BOTTOM AREA: 1.00 GPD/SF
LEACHING STRUCTURE:
 1 - 6" X 6" LP W 2" STONE
 SIDE AREA: (10 X PI X 6) = 188 SF
 BOTTOM AREA: (10 X 10 X PI/4) = 78 SF
CAPACITY:
 (188 X 2.5) + (78 X 1.0) = 548 GPD
PLAN REFERENCE:
 LANDCOURT CASE NO. 19724B SHT. 1
ASSESSORS LOT NO.:
 MAP 17 PCL A16

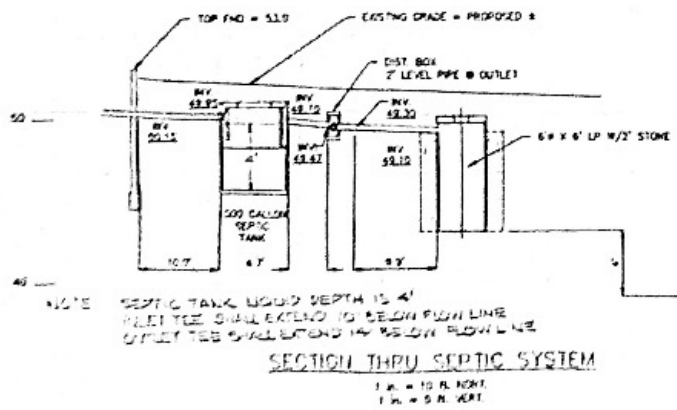
NOTE.
 1. ALL MATERIALS AND CONSTRUCTION METHODS TO CONFORM WITH COMM. OF MASSACHUSETTS ENVIRONMENTAL CODE TITLE V.
 2. ALL SEPTIC SYSTEM PIPING TO BE 4" SCH 40 PVC.
 3. WATER SUPPLY FOR THIS LOT IS TOWN WATER TO BE CONNECTED AT STREETLINE AS SHOWN
 4. LOT AREA = 8800 S.F.

FLOOD ZONE INFORMATION
 THE SUBJECT PARCEL LIES ENTIRELY WITHIN FLOOD ZONE C "AREAS OF MINIMAL FLOODING" AS DEFINED BY F.I.R.M. PANEL 250015 005C, TOWN OF YARMOUTH JUNE 17, 1986.

SOIL TEST DATA
 DATE: JULY 17, 1988
 EXCAVATOR: CANNETT CONST.
 B.O.H. AGENT: J. McDONALD (YARMOUTH)
 ENGINEER: ELLIS & THULIN, INC.
 LOCATION: 161

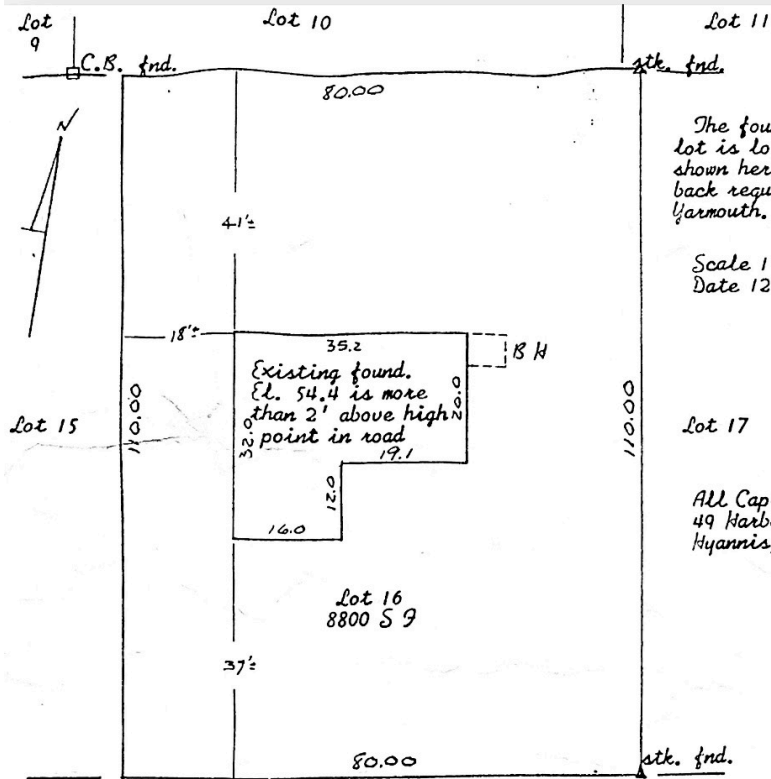


NOTE:
 PERCOLATION RATE IN MEDIUM SAND IS LESS THAN TWO MINUTES PER INCH



John J. Thulin
 12/11/90
 INSTALLER

LOT 16 - 33 HARBOR ROAD
 WEST YARMOUTH, MASS
 FOR C. W. LORLEN / J. BRESNAHAN
ELLIS & THULIN, Inc.
 478 ROUTE 8A - P.O. BOX 130
 EAST YARMOUTH, MASSACHUSETTS 02537
PROPOSED PLOT PLAN
 DRAWN BY M.R. NOV. 8, 1988
 CHECKED BY D.C.T. DWG NO. PFP01 86-135



The foundation shown on this lot is located on the ground as shown hereon, and meets the setback requirements of the Town of Yarmouth.

Scale 1"=20'
Date 12-19-90

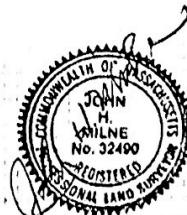
Lot 17

All Cape Engineering
49 Harbor Road
Hyannis, MA 02601

Second Road

Harbor Road

Site Plan of Land in West Yarmouth, MA.
For Charles Mitchell
Being lot 16 as shown on Land Court plan
19742 B



L-15 LAKE

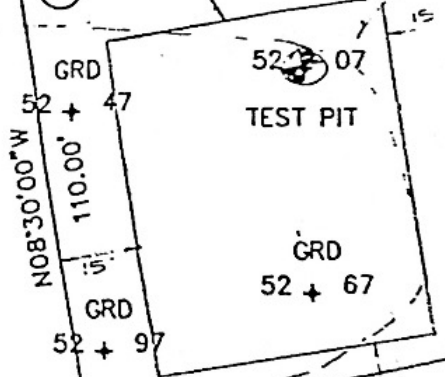
N81°30'00"E
80.00'

(24)

GRD 51 + 47
GRD 51 + 27
GRD 51 + 17

NEED TO
CHECK
PERMITS

(25)



GRD 51 + 57
GRD 51 + 37

N08°30'00"W
110.00'

S88°30'00"E
110.00'
163.27'

180.27'

(21)

43

FK 5' SET

S79°00'15"W
68.14'
HYDRANT
EL = 50.00'

(23)

(26)

A6 STK "A"

GRD 51 + 07

80.00'
GRD 49 + 07
S81°30'00"W

140.00'
S81°30'00"W

TS POLE
S81°30'00"W
EP 47 + 48
ETW
48 + 17
103.47
87

N81°30'01"E
301.18'

70.00'
S102°23'20"W

HOLD LINE
0/74 0'

120.77'
S05°51'10"E
193.89'
S02°08'31"W