

UIRED

DESIGN DATA

CALE)

on it of
"x + Full"
(units SF & B')

2-Box

SHED GRADE
E STRUCTURE

103.5

SEE

PLAN 1

- Estimated Hydraulic Loading
 $\frac{Flow}{Bedrooms}$ at 110 gallons per day per bedroom = 440 GPD.
 Garbage disposal is Not allowed with this design.
- Septic Tank Size
 Average daily flow = 440 x 200 % = 880 gallons (minimum)
 Septic tank provided = 1500 gallon capacity
- Design percolation rate = 5 M.P.I.
 Soil textural class = E
 Loading rate = 0.74 gallons/S.F.
- Leaching Area
 Total leaching area provided = 371 S.F.
- Maximum allowable loading $371 \text{ SF} \times 0.74 \text{ GPD/SF} = 275 \text{ (max G.P.D.)} = 458 \text{ G.P.D.}$
 Actual hydraulic loading = 440 gallons

TISBURY BOARD OF HEALTH

DATE 4/1/03

DESIGNED BY: [Signature]

DRAWN BY: [Signature]
CHECKED BY: [Signature]

LEGEND

- XX Denotes proposed contour
- FG = XX.X Denotes proposed finished grade
- XX---
- Denotes existing contour
- XX.X Denotes existing spot elevation
- Denotes test hole location
- PVC Denotes polyvinyl chloride pipe, Sch. 40, unless noted.
- Denotes catch basin
- E.H.C.I. Denotes extra heavy cast iron
- W— Denotes water service
- R— Denotes approximate property line
- O.W.— Denotes overhead wires
- D— Denotes storm drain pipe

DATA

| WATER ELEVATION | RATE MINUTES PER INCH |
|--------------------|-----------------------------|
| 92.5 | < 5 |

PROPOSED SEWAGE DISPOSAL SYSTEM

To serve a proposed four bedroom dwelling
off V.H. Edg Road - Assn PCL 18-5.1
Tisbury, Massachusetts

APPLICANT: FRED WALTERS, % SBH, Inc. TEL. NO. 693-7781
PO BOX 339
VINEYARD HAVEN MA 02568

DATE: MARCH 18, 2003

SCALE: AS NOTED

DESIGNED BY:
CPA

DRAWN BY:
CPA

CHECKED BY:
RTE

SCHOFIELD, BARBINI, & HOEHN, INC., CIVIL ENGINEERS
& LAND SURVEYORS, BOX 339, VINEYARD HAVEN, MA 02568



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NT OF
AND THAT
EN PERFORMED
REQUIRED
PERIENCE
(12).
[Signature]

JOB NO. MY 8971-2



Notes
 X No other drainage easements exist out of the parcel to the Leachman Field

MS. P.L. 18 A-5

| DEEP TEST P | DATE OF TEST | DEPTH | HORI |
|-------------|--------------|-------|------|
| C-7 | 7-32 | 32' | C |
| E | | | |
| P | | | |

| | |
|-----------|--|
| Top of to | |
| Basement | |
| Invert of | |
| Invert of | |