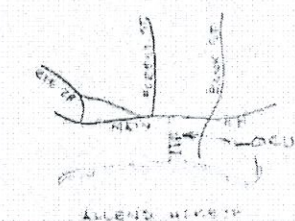


LOCATION MAP
SCALE: 1" = 3/4 MILE



TEST HOLE LOG

TEST BY: LEVI & FLORENCE 19902'S

WITNESS: T. LOVINSKY, P.O.H.

TEST DATE: 10-21-86 PERC RATE: 62 MIN/IN.

TH-1 EL = 22.3 TH-2 EL = 19.03

TH-1	TH-2
TOP OF SUBSOIL	TOP OF SUBSOIL
36'	54'
11.3'	17.03'
MED TO COARSE SAND	MED TO COARSE SAND

NO WATER ENCOUNTERED

NOTES:

1. DESIGN ENGINEER TO INSPECT & CERTIFY ALL SITE WORK.
2. ALL EXIST. CESSPOOLS TO BE REMOVED OR PUMPED & FILLED W/ CLEAN SAND.
3. DISTRIBUTION BOX IS TO BE FILTER TESTED.
4. ALL PRECAST UNITS SUBJECT TO WHEEL LOADS TO BE 4-20 CLSS.
5. REMOVE ALL UNSUITABLE SOIL FOR 10' AROUND LEACHING & REPLACE W/ CLEAN MED. SAND.

Café Elizabeth SEPTIC REPAIR PLAN

ON LAND IN:

HARWICH PORT, MA

PREPARED FOR:

ANDRÉ & NORA REVELIN
31 SEA ST. HARWICHPORT, MA

SCALE: 1" = 20' DATE: 11-10-87
REF: PD. 432, PG. 19

SEPTIC DESIGN

FLOW ESTIMATE:

145 SEAT RESTAURANT x 36 GAL/DAY/SEAT = 5075 G/D
4 BEDROOMS x 140 GPD/BED = 560 G/D
TOTAL = 5635 GAL/DAY

SEPTIC TANK:

5635 GAL/DAY x 1.5 DAYS = 8452 GALLONS

4800 - USE 7000 GALL. SEPTIC TANK

1600 - GREASE TRAP: 145 SEATS x 15 G/P/D/SEAT = 2175 GAL/DAY

- USE 2500 GAL GREASE TRAP

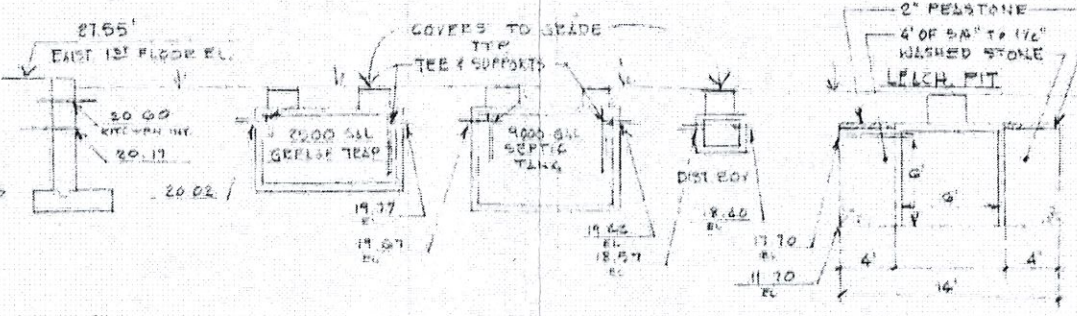
LEACHING AREA: USE 7 PITS (14' DIA. x 6' EFF. DEPTH)

SIDE AREA: 14' DIA. = 264 (2.5) = 660 GAL/DAY

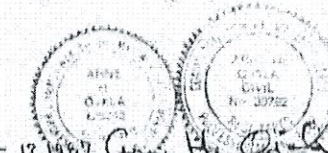
154 GAL/DAY

814 G/D x 7 PITS = 5698 GAL/DAY

SECTION - SEWAGE



LEACH PITS (14' DIA. x 6' DEEP)



November 12, 1987
DATE: ANDRÉ H. OUALLO, P.E., R.L.S.

down cape engineering, inc.

CIVIL ENGINEERS
LAND SURVEYORS

RTE 6A YARMOUTH & RTE 127 HARWICH, MA

* 87-425

