

TOWN OF ORLEANS
AS-BUILT CARDS

LOT #:	12	STREET ADDRESS:	13 CAPTAIN POSEY WAY
OWNERS NAME:	Judith Jordan		
SEWAGE PERMIT #:	98-28	NEW:	X REPAIR:
DATE ISSUED:	7-22-98	DATE INSTALLED:	8-6-98
INSTALLERS NAME:	Matt Carroll	TEL. NO:	896 7660
ADDRESS:	RT 137	TOWN:	Brewster
INSTALLATION OF:	4 - 4'x8'x2' Flow ^{opt.}		
WATER TABLE AT:	FINAL INSPECTION BY:		

Disposal Works Installer certifies that the system has been constructed in compliance with 310 CMR 15.000, the approved design plans and all local requirements.

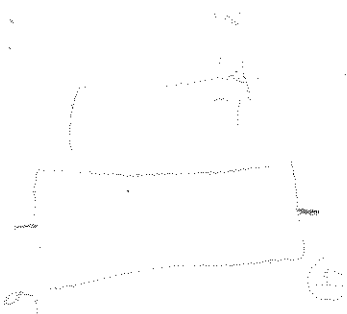
Signed: Matt Carroll Date: 8-12-98

From Point A

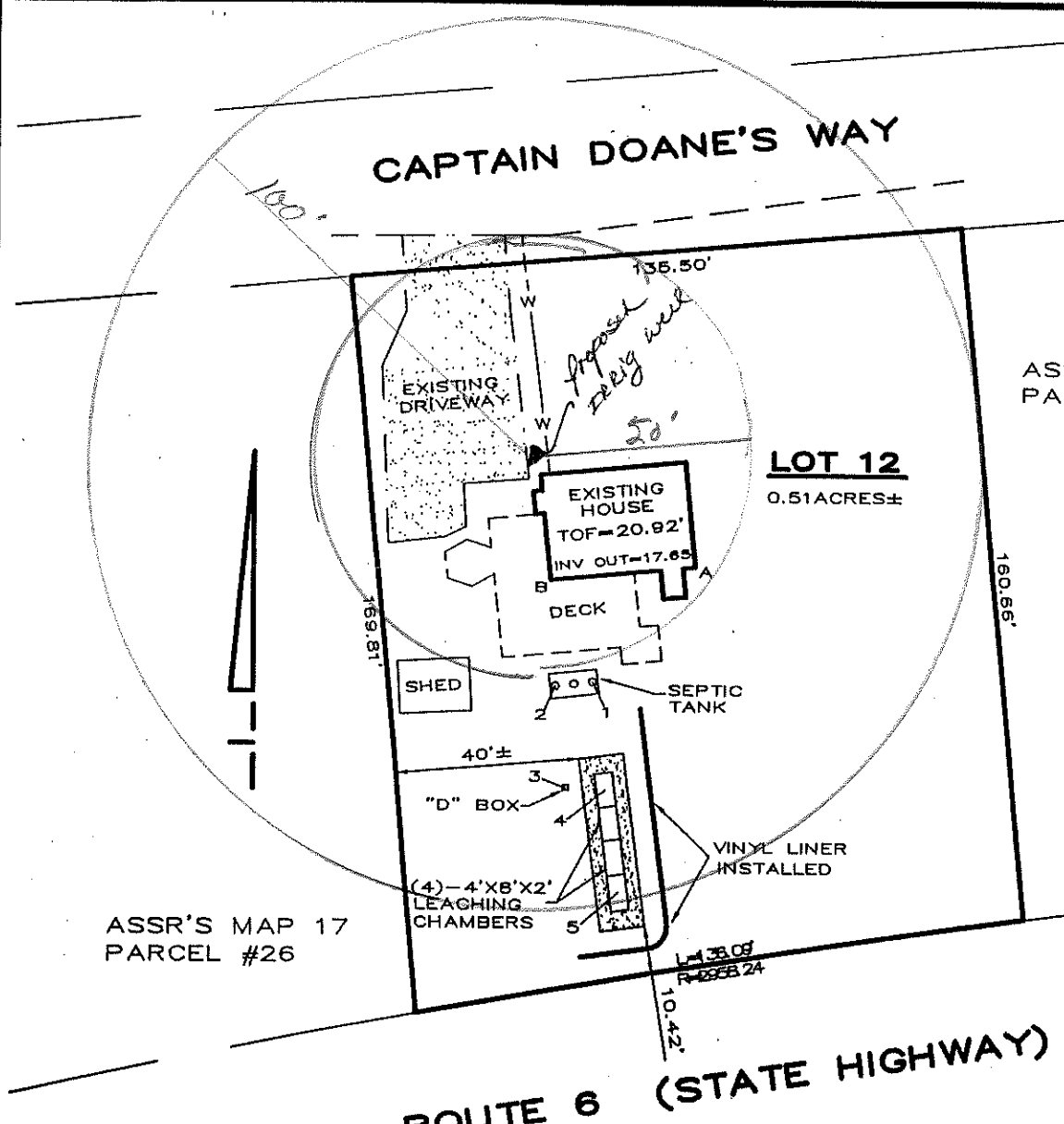
- 1) 24.75'
- 2) 25.5'
- 3) 44.75'
- 4) 45.0'
- 5) 74.0'

From Point B

- 1) 25.0'
- 2) 25.0'
- 3) 50.0'
- 4) 40.9'
- 5) 74.3'



CAPTAIN DOANE'S WAY



ASSR'S MAP 17
PARCEL #30

LOT 12
0.51 ACRES±

TABLE OF DISTANCES (FT.)		
	A	B
1	35.5	25.5
2	41.7	24.8
3	59.2	48.8
4	54.7	49.3
5	78.0	74.6

ASSR'S MAP 17
PARCEL #26

ROUTE 6 (STATE HIGHWAY)

NOTE: THE SEPTIC SYSTEM SHOWN HAS BEEN INSTALLED IN SUBSTANTIAL COMPLIANCE WITH TITLE 5 AND ORLEANS BOARD OF HEALTH REGULATIONS.

NOTE: (4)-4'x8'x2' LEACHING CHAMBERS WERE INSTALLED PER OPTION #1 ON DESIGN PLAN.

NOTE: THIS AS-BUILT PLAN IS DESIGNED TO SHOW SEPTIC SYSTEM LOCATION ONLY. UNDER NO CIRCUMSTANCES ARE DISTANCES, BEARINGS, OR FEATURES SHOWN TO BE USED TO ESTABLISH PROPERTY LINES.

CERTIFICATE OF COMPLIANCE SEPTIC SYSTEM AS-BUILT SITE PLAN

LOCATION: 13 CAPTAIN DOANE'S WAY
ORLEANS, MA

SCALE 1"=40' DATE 07/31/98

REFERENCE ASSR'S MAP 17, PARCEL 29

PREPARED FOR:

ROBERT JORDAN

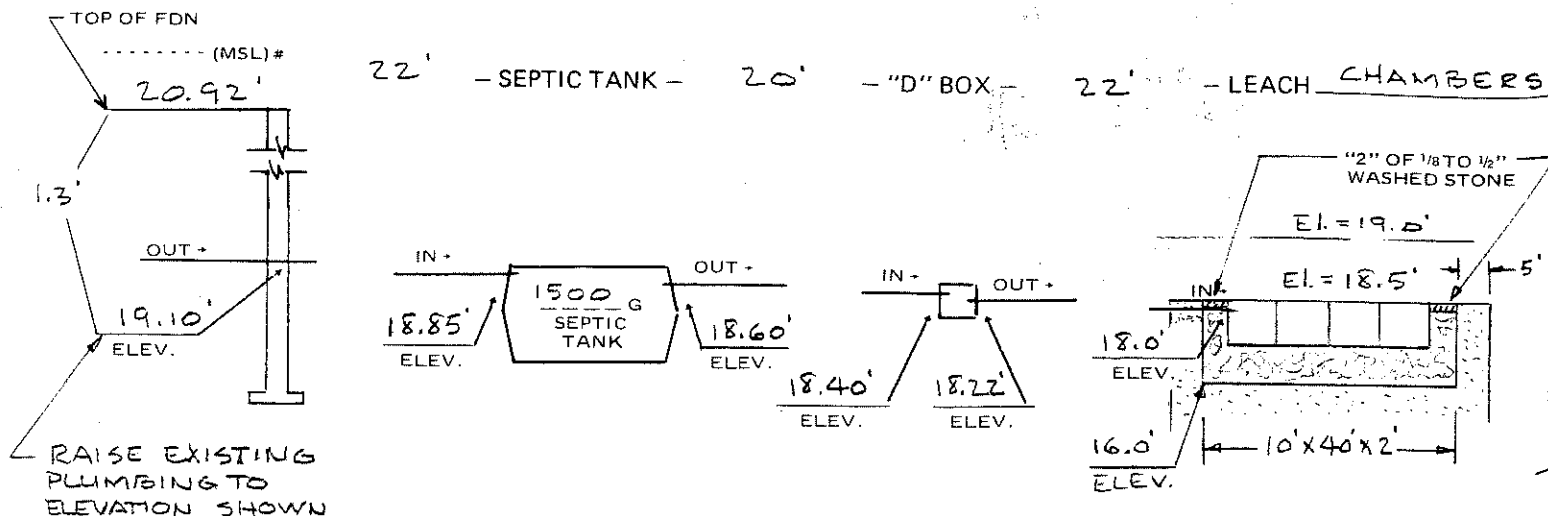
east cape engineering, inc.

CIVIL ENGINEERS
LAND SURVEYORS

44 RTE. 28 ORLEANS, MASS.

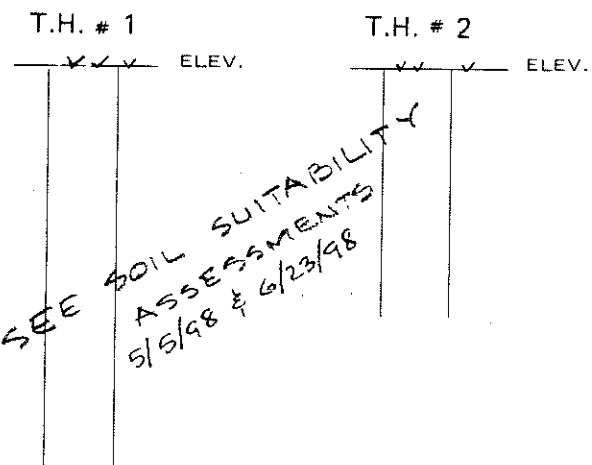
TIMOTHY J. BRADY P.L.S., P.E. DATE 8/3/98

SECTION - SEWAGE



TEST HOLE LOG

TEST BY _____ WITNESS _____
 TEST DATE _____



DESIGN

4 BEDROOM HOUSE

PERC RATE	< 5	MIN/IN.	
FLOW RATE	110	(GAL./DAY)	x 4 = 440 G/D
SEPTIC TANK	440	(200%)	= 880 G/D
REQ'D SEPTIC TANK SIZE	1500	GALLONS	

LEACH FACILITY			
SIDE WALL	2 (10x40) (2)	= 200 ^{sq}	(.74) = 148 G/D
BOTTOM	(10) (40)	= 400 ^{sq}	(.74) = 296 G/D
TOTAL	600 ^{sq}		444 G/D

USE: 4-4'x8'x1' LEACHING CHAMBERS

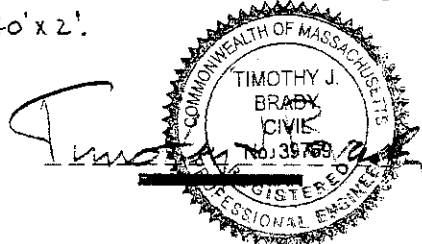
WITH 3/4"-1 1/2" DOUBLE WASHED STONE TO EFFECTIVE SIZE 10'x40'x2'.

OPTION 1: USE (4) 4'x8'x2' LEACH CHAMBERS W/3/4"-1 1/2" DOUBLE WASHED STONE TO EFFECTIVE SIZE 10'x40'x2'.

OPTION 2: USE (6) 3'x6' INFILTRATOR OR CULTEC LEACH CHAMBERS W/3/4"-1 1/2" DOUBLE WASHED STONE TO EFFECTIVE SIZE 10'x40'x2'.

NOTES: (UNLESS OTHERWISE NOTED)

- DATUM (MSL) ± TAKEN FROM ORLEANS QUADRANGLE MAP
- MUNICIPAL WATER IS AVAILABLE
- DESIGN LOADING FOR ALL PRE-CAST UNITS: AASHO-H-10-44, H-20-44 WHERE VEHICLE LOADS ARE ANTICIPATED OR WHEN SUBJECT TO 4 FT. OR MORE OF COVER.
- MIN. GROUND COVER OVER ALL SEWAGE LEACHING FACILITIES: (1) FT.
- THIS DESIGN DOES NOT PROVIDE FOR THE INSTALLATION OF GARBAGE GRINDERS.
- ALL UNSUITABLE MATERIAL WITHIN 5 FEET IN ALL DIRECTIONS FROM THE LEACHING FACILITY SHALL BE REMOVED AND REPLACED WITH CLEAN MEDIUM SAND.
- CONSTRUCTION DETAILS TO BE IN ACCORDANCE WITH COMM. OF MASS. STATE ENVIRONMENTAL CODE TITLE 5.
- CONTRACTOR TO NOTIFY DIG-SAFE PRIOR TO CONSTRUCTION.



NOTE: THIS SITE PLAN WAS NOT PREPARED FROM AN INSTRUMENT SURVEY. UNDER NO CIRCUMSTANCES ARE DISTANCES, BEARINGS, OR FEATURES SHOWN TO BE USED TO ESTABLISH PROPERTY LINES.

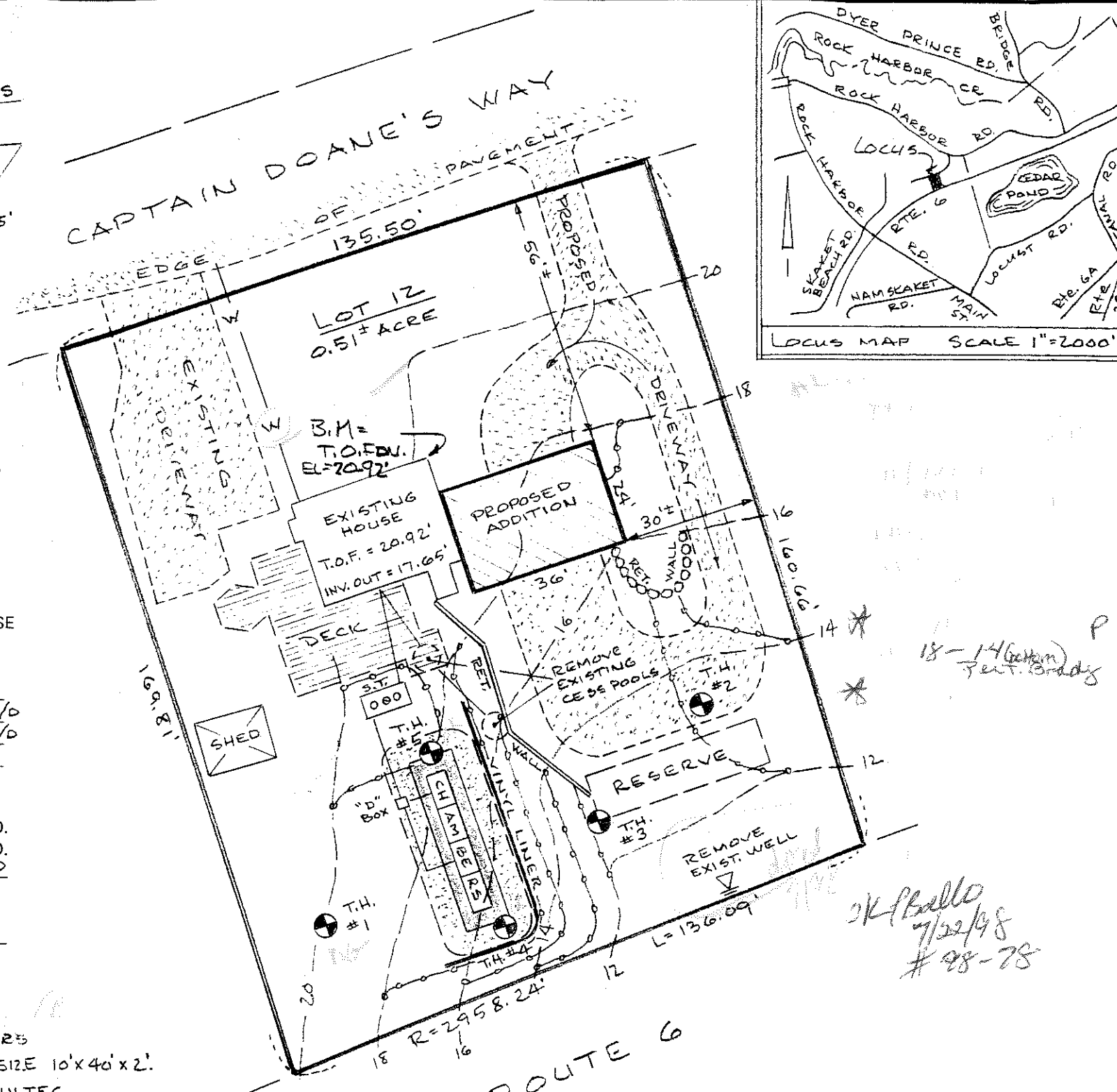
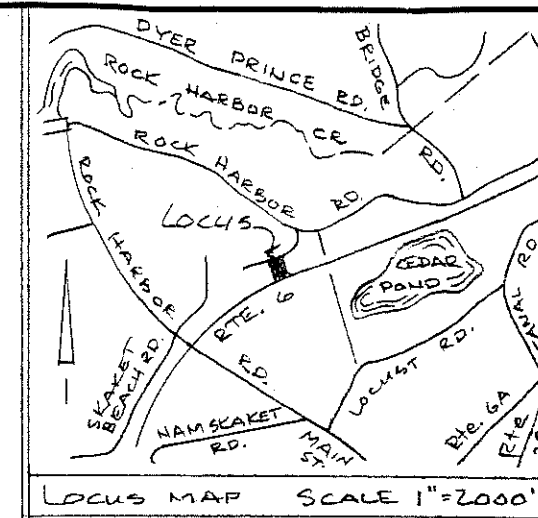
East Cape Engineering, Inc.

CIVIL ENGINEERS
LAND SURVEYORS

#44 Route 28, Orleans, Mass.

CONTOURS (EXISTING) - - - - -
(PROPOSED) - O - O - O - O -

APPROVED _____ DATE _____ BOARD OF HEALTH MA



SITE / SEWAGE

SITE PLAN

LOCUS: #13 CAPTAIN DOANE'S WAY
 ORLEANS, MASS.
 REF: ASS'RS MAP 17, P. 29
 PREPARED FOR: ROBERT JORDAN
 SCALE: 1" = 30' 6/29/98
 DATE: 98-052

98-78

\$50.00

THE COMMONWEALTH OF MASSACHUSETTS
BOARD OF HEALTH

Town of ORLEANS
Application for Bioporal Works Construction Permit

Application is hereby made for a Permit to Construct () or Repair (X) an Individual Sewage Disposal System at:

System at: 13 CAPTAIN DAVIS'S WAY ASSES MAP 17 PL 29
13 CAPTAIN DAVIS'S WAY ORLEANS
Location Address or Lot No. Address
Owner

Type of Building: Dwelling — No. of Bedrooms: 4 Expansion Attic () Garbage Grinder ()
Other — Type of Building: No. of persons: Showers () — Cafeteria ()
Other fixtures:

Design Flow: 55 gallons per person per day. Total daily flow: 440 gallons.
Septic Tank — Liquid capacity: 1500 gallons Length: 10' Width: 4' Diameter: 21" Depth: 21"
Disposal Trench — No. 015 Width: 10' Total Length: 400 sq. ft. Total leaching area: 600 sq. ft.
Septage Pit No.: Diameter: Depth below inlet: Total leaching area: sq. ft.
Other Distribution box (X) Dosing tank ()
Percolation Test Results Performed by: K. LABARD - T. BRADY Date: 5/15/78 & 6/23/78
Test Pit No. 1: minutes per inch Depth of Test Pit: 1 1/2' Depth to ground water: 1 1/2'
Test Pit No. 2: 2 minutes per inch Depth of Test Pit: 4' Depth to ground water: 9 1/2'

Description of Soil: LOAMY SAND SANDY CLAY - SEE THE #42'S FOR SAMPLES
Nature of Repairs or Alterations — Answer when applicable: REPLACE EXISTING COSSITERS

Agreement:

The undersigned agrees to install the aforescribed Individual Sewage Disposal System in accordance with the provisions of TITLE 5 of the State Sanitary Code — The undersigned further agrees not to place the system in operation until a Certificate of Compliance has been issued by the board of health.

Application Approved By: Patricia J. Ballou Signed: [Signature] Date: 6-30-78
Application Disapproved for the following reasons: [Blank] Date: 7-22-78

Permit No. 98/78 Issued 7/22/78 Date

THE COMMONWEALTH OF MASSACHUSETTS
BOARD OF HEALTH

Certificate of Compliance

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed (X) or Repaired () by Matt Carroll Installer at 13 Capt Davis Way

has been installed in accordance with the provisions of TITLE 5 of The State Sanitary Code as described in the application for Disposal Works Construction Permit No. 98-78 dated 7/22/78

THE ISSUANCE OF THIS CERTIFICATE SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE SYSTEM WILL FUNCTION SATISFACTORY.

DATE: 7/28/78 Inspector: [Signature]

THE COMMONWEALTH OF MASSACHUSETTS
BOARD OF HEALTH

Bioporal Works Construction Permit

Permission is hereby granted Matt Carroll to Construct (X) or Repair () an Individual Sewage Disposal System at No. 13 Capt Davis Way

as shown on the application for Disposal Works Construction Permit No. 98-78 Dated 7/22/78
DATE: 7/22/78 [Signature] Board of Health

Fee: \$50.00

Recd by Patricia J. Ballou
City of Orleans

CHECK OR FILL IN WHERE APPLICABLE