

SOIL LOG

1 SURFACE ELEVATION = 16.8 ±

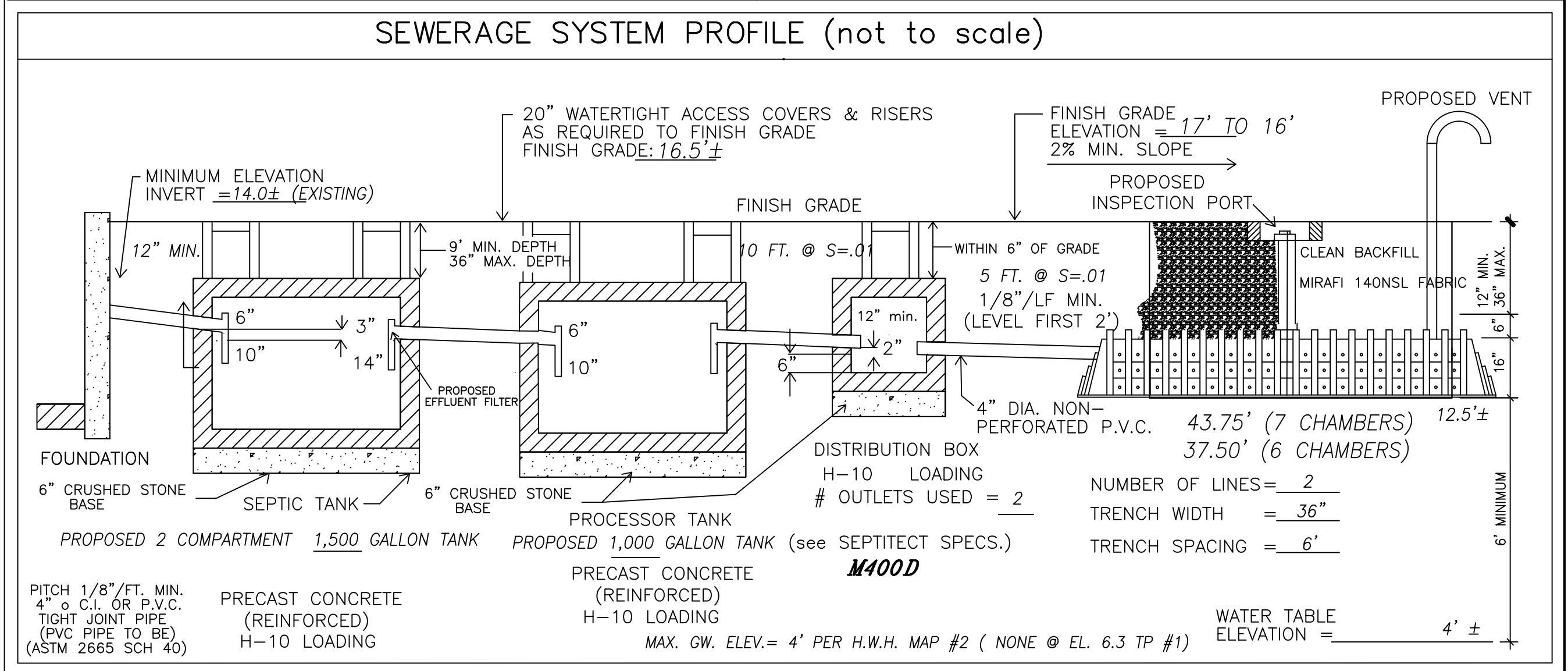
6"	FRABLE LOAMY SAND 10YR3/2
18"	LOAMY SAND 10YR6/6
102"	SAND 2.5Y8/4

NO GROUND WATER @ 10.5' ELEV. = 6.3 ±

PERC. RATE = < 5 MPI OBSERVED
ELEV. = 13.8 ±

ONE TEST PIT REQUIRED BY HEALTH INSPECTOR

DATE: 2/24/2012 BY: EDWARD F KING JR. (ISLAND SURVEYORS, LLC)
ARTELL CROWLEY III (BOARD OF HEALTH)



- NOTES**
- ALL WORK MUST COMPLY WITH THE MASSACHUSETTS ENVIRONMENTAL CODE TITLE 5 AND TOWN OF NANTUCKET BOARD OF HEALTH REGULATIONS.
 - SEWAGE FLOW = 3 + 1 no. B/R x 110 GPD = 440 GPD
 - LEACH AREA REQ'D = 440 GPD / SOIL CLASS EFFLUENT LOADING RATE .74 GAL / SF = 595 SF.
b. LEACH AREA PROVIDED = 633 SF (13*6.25*7.79) > LEACH AREA REQUIRED 595
 - SEPTICTANK = 440 GPD x 200% = 880 (MINIMUM GALLONS) 1,500 & 1,000 GALLON (SEE SEPTICTECT SPECS.) M400 D
 - SEPTICTANK COVERS TO BE AT FINISH GRADE.
 - THERE ARE NO WELLS WITHIN 100 FT. OF THIS LEACHING FIELD.
 - THERE IS NO SEWAGE LEACHING WITHIN 100 FT. OF THIS WELL.
 - GARBAGE GRINDER NOT PERMITTED.
 - THIS SYSTEM SHALL NOT BE CONSTRUCTED UNDER DRIVEWAYS OR OTHER IMPERVIOUS SURFACES.
 - MEASUREMENTS FOR RECORD PLANS (AS-BUILT) REQUIRED BY THE NANTUCKET BOARD OF HEALTH. CALL ENGINEER PRIOR TO COVERING INSTALLED SYSTEM COMPONENTS.
 - CONTRACTOR MUST CONTACT DIG-SAFE (1-888-344-7233) TWO WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
 - FROM THE DATE OF INSTALLATION UNTIL RECEIPT OF A CERTIFICATE OF COMPLIANCE, THE PERIMETER OF THE SOIL ABSORPTION SYSTEM SHALL BE STAKED AND FLAGGED TO PREVENT THE USE OF SUCH AREA FOR ALL ACTIVITIES WHICH MIGHT DAMAGE THE SOIL ABSORPTION SYSTEM.
 - H.W.H. MAP # 2 ESTIMATED HIGH GROUND WATER TABLE ELE: 4' ±

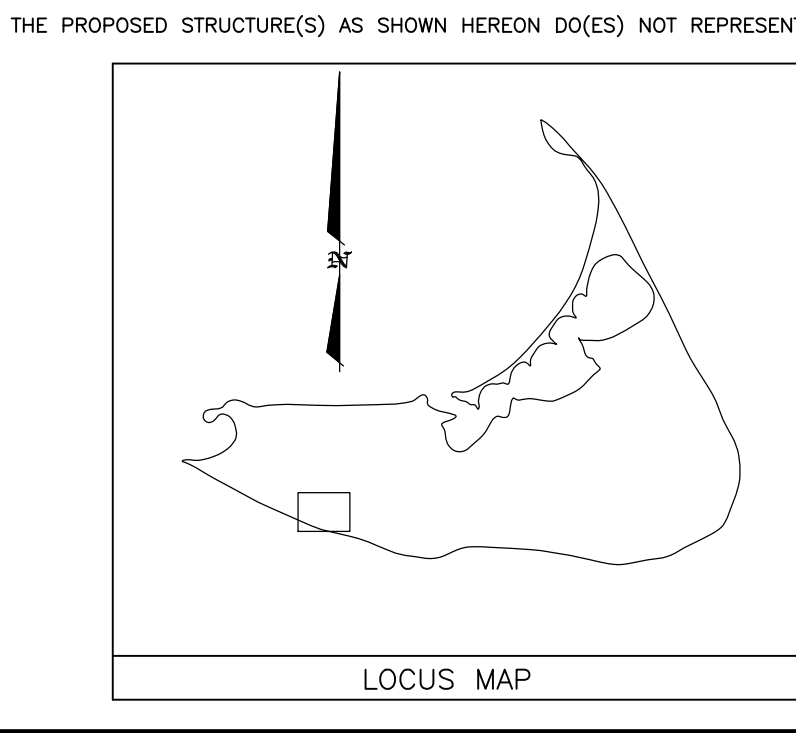
PROPOSED SCHEDULE OF ELEVATIONS

DATE: 1/3/2022

INVERT AT FOUNDATION	14.0 ± (EXISTING)
INVERT AT GARAGE/STUDIO	14.5 ± (EXISTING)
INVERT INTO TANK	13.50
INVERT EXIT TANK	12.75
INVERT INTO TANK #2	12.70
INVERT EXIT TANK #2	12.45
INVERT INTO D-BOX	13.84
INVERT EXIT D-BOX	13.47
INVERT BEGIN OF FIELD	13.42
INVERT END OF FIELD	13.42
BOTTOM OF FIELD	12.5 ±

AS-BUILT SCHEDULE OF ELEVATIONS

INVERT AT FOUNDATION	_____
INVERT INTO TANK	_____
INVERT EXIT TANK	_____
INVERT INTO D-BOX	_____
INVERT EXIT D-BOX	_____
INVERT BEGIN TRENCH	_____
INVERT END TRENCH	_____
BOTTOM OF TRENCH	_____



**PROPOSED REPAIR PLAN
SUBSURFACE SEWAGE TREATMENT & DISPOSAL SYSTEM**

PREPARED FOR
JAMES A. & ELIZABETH F. SCHULTZ
L.C. 13629-D: LOTS 13 & 15
#17 OSPREY WAY
NANTUCKET, MA 02554

LOCUS: 17 OSPREY WAY ASSESSOR'S MAP 83 PARCEL 15

DESIGNED BY	TB	DRAWN BY	TK	DATE	MARCH 10, 2022
SCALE	SEE PLAN	PLAN #		SHEET	1 of 1

K-90

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