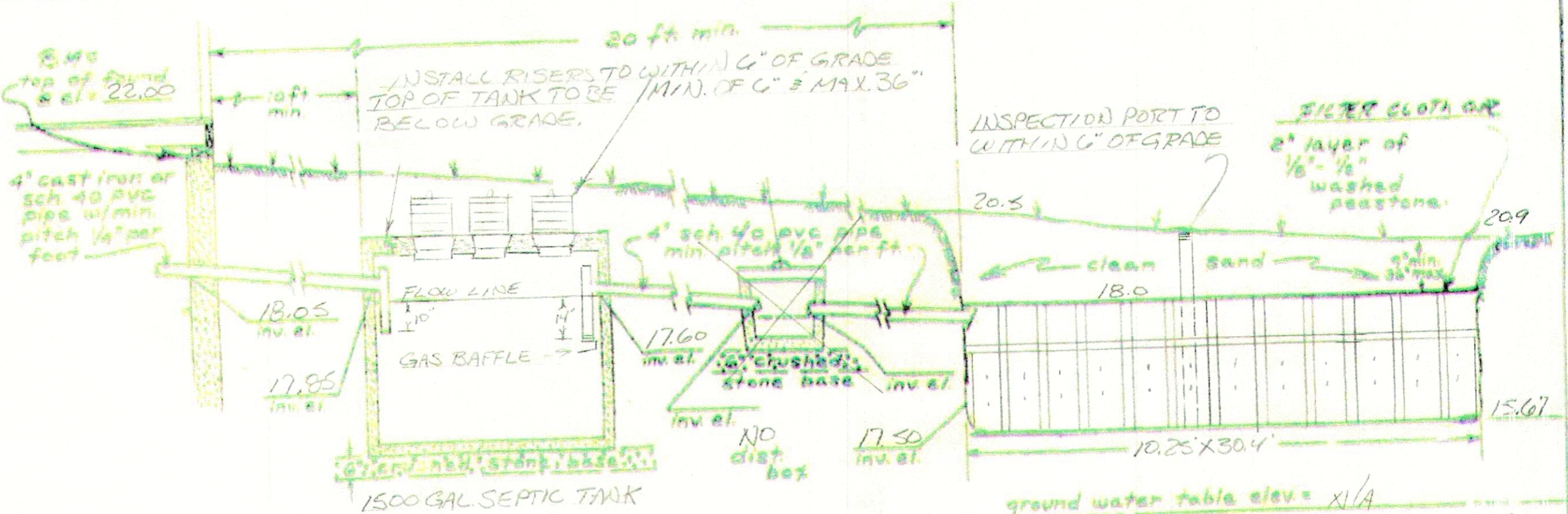


ZONING DISTRICT: RH-2	REQUIRED	EXISTING	PROPOSED
MIN. LOT AREA	40000 S.F.	5,278 S.F.	5,278 S.F.
MIN. LOT FRONTAGE	150'	98.65'	98.65'
FRONT SETBACK	25'	15.90'	
SIDE SETBACK	20'	12.8' & 17.4'	
REAR SETBACK	20'		
BUILDING COVERAGE	30%		
SITE COVERAGE	35%		

FLOOD ZONE: X PANEL # 2500106125-EFF 7/16/2014
 OWNER OF RECORD: EDWARD J. & CAROL FLEMING
 33 HARVEST CIRCLE, HOLDEN, MA 01520
 DEED REFERENCE BK 11884 PG 338 & L.C. CERT. 151119



SEWAGE SYSTEM PROFILE
not to scale

ground water table elev = 18.05
 bottom test hole elev = 17.85
 S.A.S TO CONSIST OF (4) INFILTRATORS
 3050 UNITS w/ 3" STONE ON SIDES &
 1" ON ENDS

DESIGN DATA

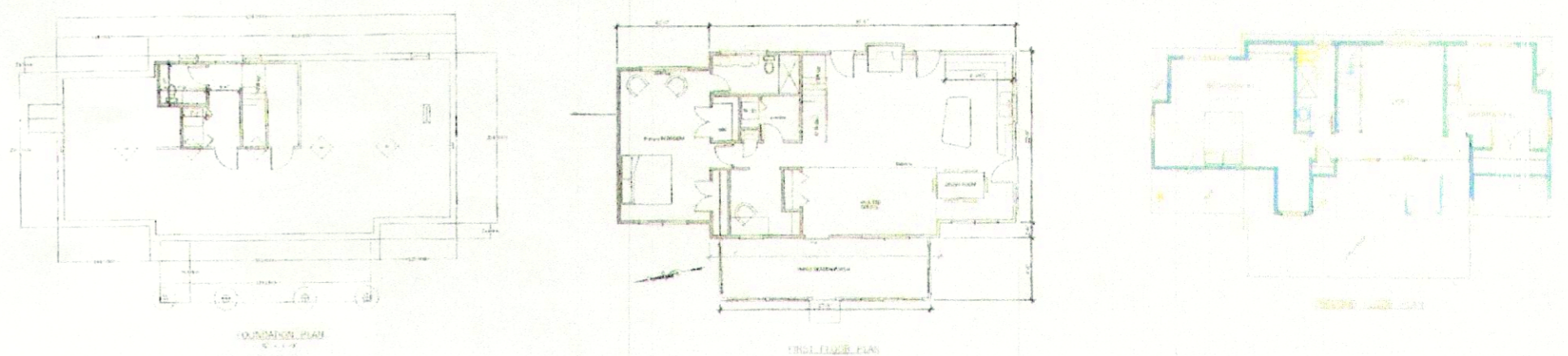
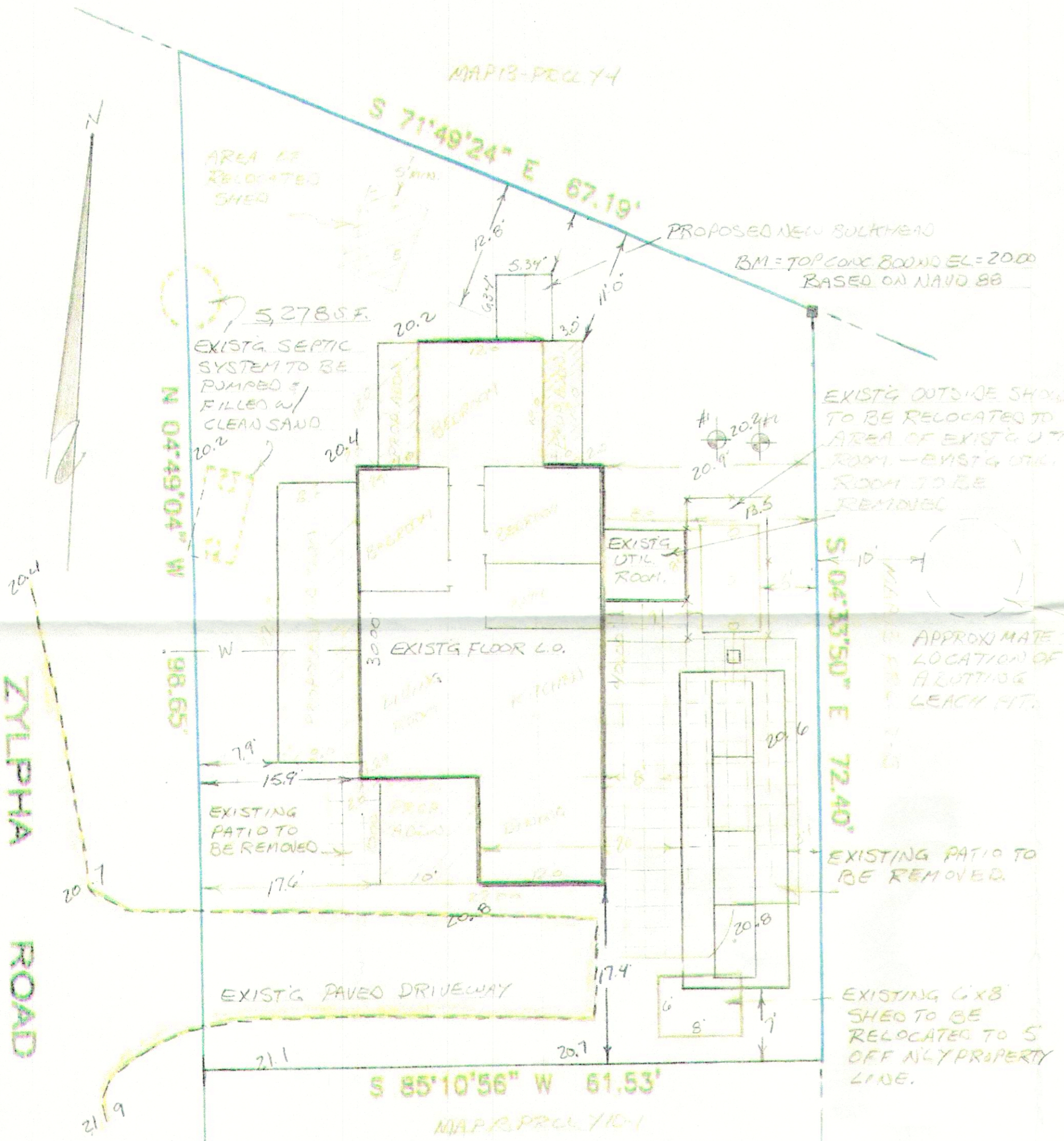
NUMBER OF BEDROOMS:	3
GARBAGE DISPOSAL UNIT:	N/A
TOTAL ESTIMATED FLOW (110 GAL/BR/DAY * 3 BR):	330 GAL/DAY
REQ SEPTIC TANK CAPACITY:	660 GAL
ACTUAL SEPTIC TANK SIZE:	1500 GAL
LEACHING AREA REQUIREMENTS:	
SIDE WALL: $74(20.25 \times 30.4) = 110.1$ GAL	
+ BOTTOM: $74(10.25 \times 30.4) = 230.6$ "	
TOTAL LEACHING CAPACITY:	340.7 GAL
RESERVE LEACHING CAPACITY:	N/A GAL

TEST HOLE LOG

TEST DATE: SEPT 5, 2023
 WITNESSED BY: CARRIE SCHNEIDER
 PERCOLATION RATE: 22 MIN/INCH
 PERFORMED BY: DAVID MASON, C.S.E.

HOLE 1	HOLE 2
1' L.S.	1' L.S.
4" 10YR 3/1 19.7	4" 10YR 3/1 19.7
8" L.S.	8" L.S.
33" 10YR 6/8 17.5	33" 10YR 6/8 17.5
4" 2" MED.	4" 2" MED.
50" SAND	50" SAND
10YR 7/4	10YR 7/4
12" NOTED 9.6	12" NOTED 9.6

- NOTES**
- 1) ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO D.P. TITLE 5 AND THE TOWN OF HARWICH RULES AND REGULATIONS FOR SUBSURFACE DISPOSAL OF SANITARY SEWAGE.
 - 2) COMPLIANCE WITH ZONING REGULATIONS SHALL BE DETERMINED BY BUILDING INSPECTOR / COMMISSIONER.
 - 3) EXISTING AND FINAL GRADES SHALL REMAIN ESSENTIALLY THE SAME.
 - 4) INSTALLER TO VERIFY LOCATION OF ALL UTILITIES, INVERTS, & SEPTIC COMPONENTS PRIOR TO CONSTRUCTION.
 - 5) ALL SYSTEM COMPONENTS TO BE MARKED w/ MAGNETIC TAPE FOR RELOCATION PRIOR TO BACKFILL.



PROPOSED NEW FLOOR PLANS

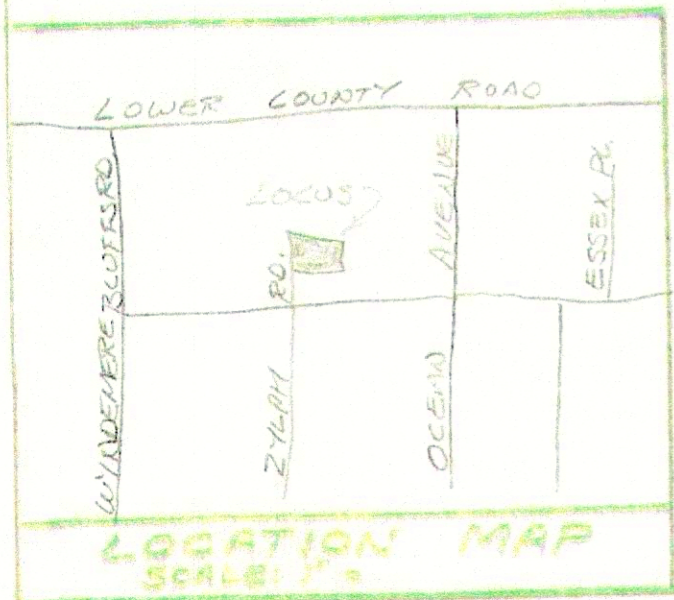
DATE APPROVED: _____
 _____, AGENT
 BD OF HEALTH

SITE PLAN OF PROPOSED CONSTRUCTION
 LOCATION: #41 ZYLPHA ROAD, HARWICH PORT, MA
 REFERENCE: ASSESSORS MAP 13 PRCL 791 - PL BK 79 PG 33 - L.C. PL 30320-B
 PREPARED FOR: EDWARD J. & CAROL A. FLEMING
 SCALE: AS SHOWN DATE: SEPT 21, 2023
 REV. 10/16/23 - B.H. REV. 11/3/23 - J.E. INVERTS

DAN A. SPEAKMAN CONSTRUCTION
 LAND SURVEYING & TITLE I ENGINEERING DIV.
 15 SPEAK WAY, N. HARWICH, MA
 508-432-5565

DAVID B. MASON
 COMMONWEALTH OF MASSACHUSETTS
 REGISTERED PROFESSIONAL ENGINEER
 No. 10668
 EXPIRES 12/31/2025

- VARIANCE REQUESTS:**
- 1) FROM TITLE 5 15.211 & TOWN OF HARWICH HEALTH REGS.
 - 2) FROM SEPTIC TANK TO PROPERTY LINE - 10' REQ'D - 5' PROP - 5' VARIANCE REQUEST
 - 3) FROM SEPTIC TANK TO FOUNDATION WALL - 10' REQ'D - 9' PROP - 1' VARIANCE REQUEST
 - 4) S.A.S TO PROPERTY LINE - 10' REQ'D - 3' PROP - 7' VARIANCE REQUEST
 - 5) S.A.S TO PROPERTY LINE - 10' REQ'D - 7' PROP - 3' VARIANCE REQUEST
 - 6) S.A.S TO FOUNDATION WALL - 20' REQ'D - 8' PROP - 12' VARIANCE REQUEST
- FROM TITLE 5 15.213 & TOWN OF HARWICH HEALTH REGS.
 1) NO RESERVE AREA



SITE PLAN
scale: 1" = 10'

- LEGEND**
- typ. existing spot elev. = 0.0
 - existing contour = ---
 - typ. prop. fin. spot elev. = 0.0
 - prop. fin. contour = ---
 - test hole location = X