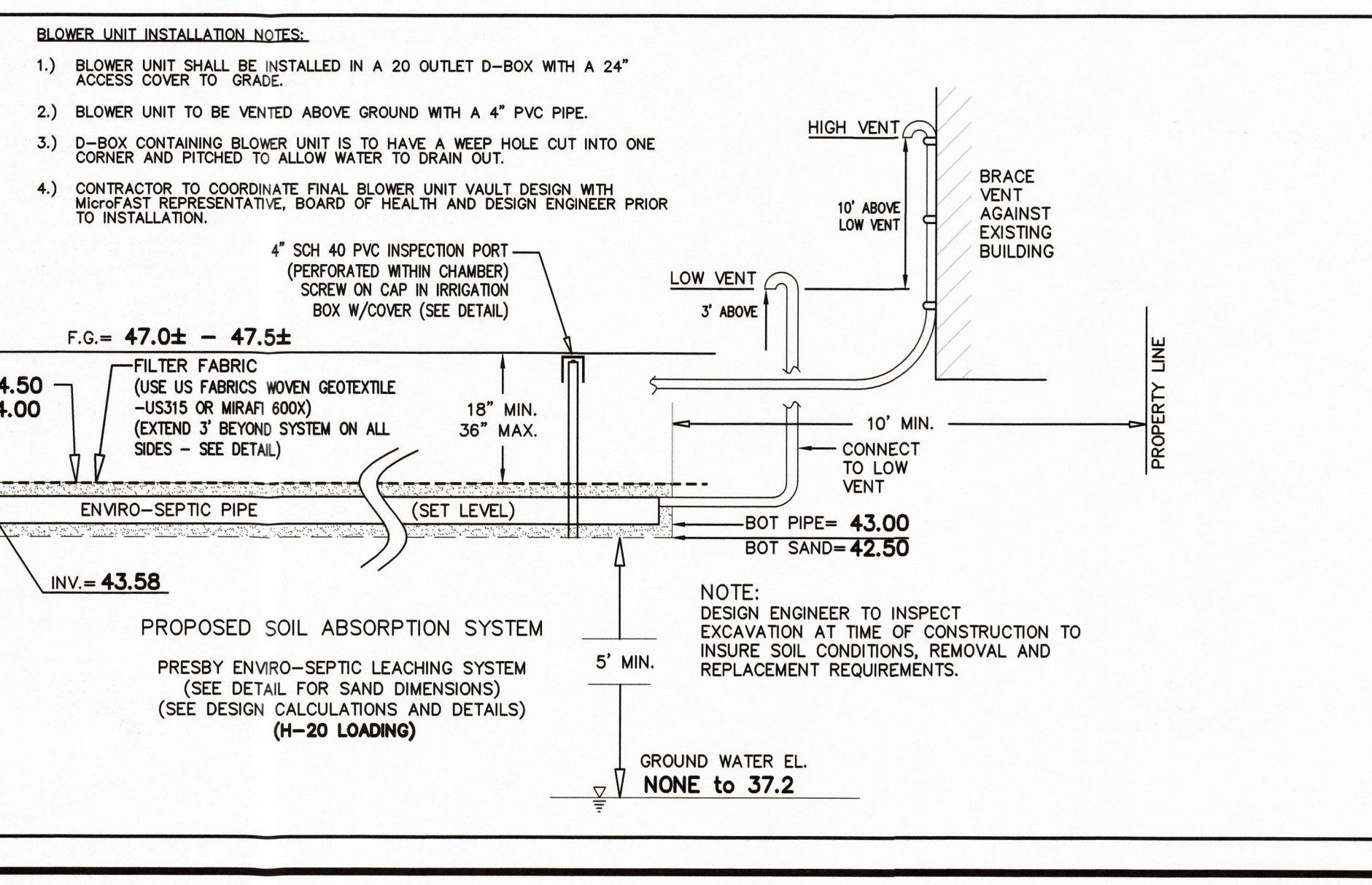
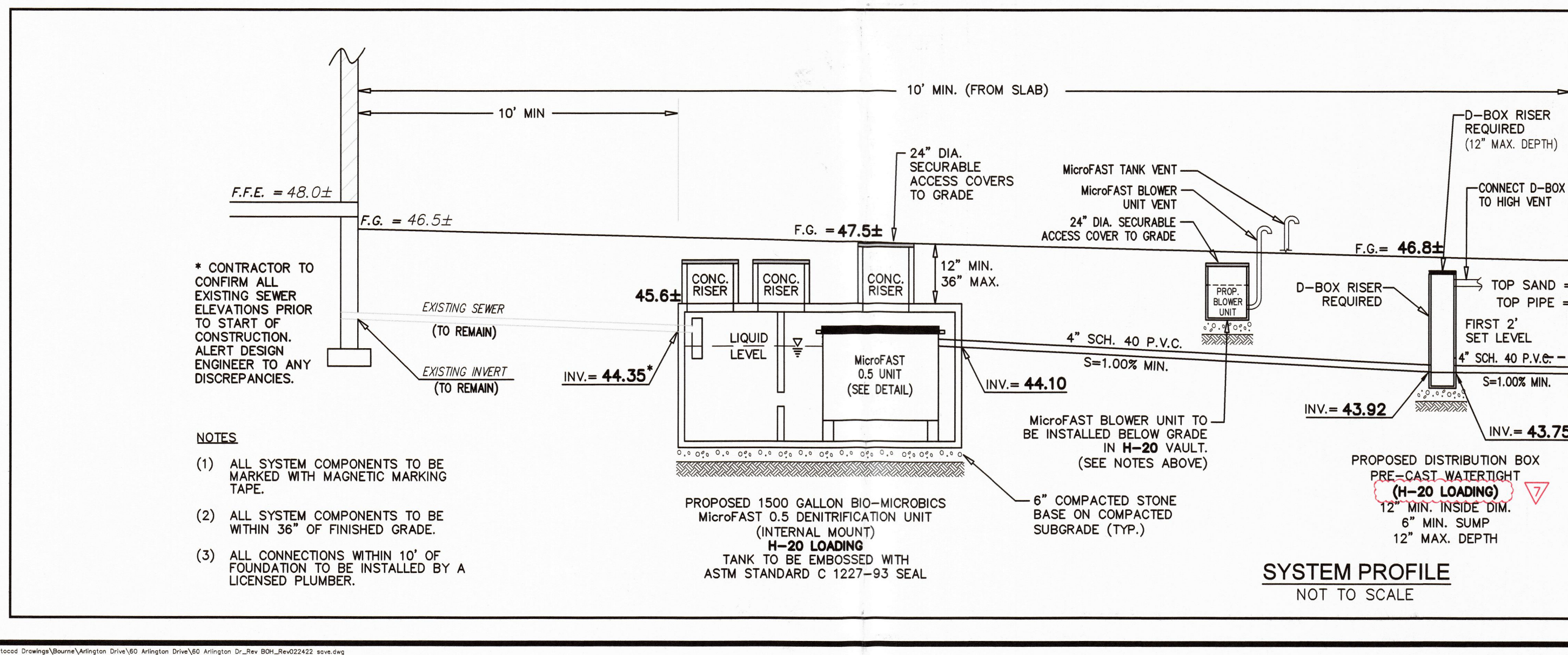


- Notes**
- BENCHMARK: #1-ELEVATION = 47.33 (NAVD88) TOP OF CONCRETE BOUND
  - BENCHMARK: #2-ELEVATION = 48.0 (NAVD88) FIRST FLOOR AT THRESHOLD
  - ALL CONSTRUCTION METHODS AND MATERIALS TO CONFORM TO TITLE 5 AND THE TOWN OF BOURNE BOARD OF HEALTH REGULATIONS.
  - ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC TAPE OR A COMPARABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED.
  - NO FIELD MODIFICATION TO THE SYSTEM SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE DESIGN ENGINEER AND BOARD OF HEALTH.
  - ALL JOINTS AND COVERS TO BE WATERTIGHT.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES.
  - A CERTIFICATE OF COMPLIANCE MUST BE OBTAINED FROM THE BOARD OF HEALTH PRIOR TO BACKFILLING SYSTEM. AN AS-BUILT PLAN MUST BE PREPARED BY THE DESIGN ENGINEER.
  - OWNER/APPLICANT: EDWARD G. JACOUBS PERI A. JACOUBS 60 ARLINGTON DRIVE BUZZARDS BAY, MA 02532
  - DEED REFERENCE: Deed Bk: 26359 Pg: 201
  - PLAN REFERENCE: Plan Bk: 124 Pg: 103 (LOT 6)
  - THE DESIGN IS INTENDED TO MEET TITLE 5 AND OTHER APPLICABLE REQUIREMENTS. THIS PLAN DOES NOT GUARANTEE THAT THE SYSTEM WILL BE INSTALLED AS DESIGNED, NOR DOES THIS PLAN GUARANTEE THE OPERATION OF THE SYSTEM.
  - THIS SYSTEM IS NOT DESIGNED NOR INTENDED FOR USE WITH A GARBAGE GRINDER.
  - THE SYSTEM OWNER SHALL BE RESPONSIBLE TO PUMP THE SEPTIC TANK AT LEAST ONCE EVERY THREE YEARS.
  - LOCUS DOES NOT FALL WITHIN A ZONE II WELHEAD PROTECTION AREA BUT DOES FALL WITHIN THE BUZZARDS BAY WATER RESOURCE DISTRICT.
  - LOCUS DOES NOT FALL WITHIN AN NHESP ESTIMATED HABITAT OF RARE WILDLIFE AND PRIORITY HABITAT OF RARE SPECIES.
  - LOCUS PARTIALLY FALLS WITHIN A SPECIAL FLOOD HAZARD ZONE "VE" (EL. 19) AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP No. 25001C-0313-K, dated 7/6/2021.
  - CONTRACTOR TO REFER TO ALL MANUFACTURER'S REQUIREMENTS AND SPECIFICATIONS FOR INSTALLATION OF THE MICROFAST UNIT AND PRESBY ENVIRO-SEPTIC SYSTEM. \*\* SEE ADDITIONAL NOTES \*\*

**NON-CONFORMING PRE-EXISTING**

ZONE-R-40	REQUIRED	EXISTING	PROPOSED
LOT AREA:	40,000 s.f.	24,054± s.f.	24,054± s.f.
FRONT YARD:	20'	33'	33'
SIDE/REAR YARD:	12'	14±/77±	14±/77±
MAX. GROSS FLOOR AREA TO LOT AREA	20%	8.6%	15.0%
MAX. LOT COVERAGE:	20%	11.0%	18.0%
BUILDING HEIGHT:	35'	<35'	<35'

Notes:  
 (c) SEE TABLE 2456 FOR NON-CONFORMING LOTS IN BOURNE ZONING BY LAWS.  
 (b) AVERAGE EXISTING GRADE LINE CALCULATE AS: EL. 46.5



- ADDITIONAL NOTES**
- THE RECORD PROPERTY OWNER IS TO FILE A NOTICE OF DEED RESTRICTION AT THE BARNSTABLE COUNTY REGISTRY OF DEEDS PRIOR TO THE INSTALLATION OF THE SYSTEM, INDICATING THE USE OF AN INNOVATIVE/ALTERNATIVE SEPTIC SYSTEM ON THE PROPERTY.
  - HOMEOWNER IS TO ESTABLISH AN OPERATION & MAINTENANCE PLAN WITH A COMPANY CERTIFIED SYSTEM OPERATOR FOR THE MICROFAST UNIT. ALL SYSTEM TESTING, MONITORING & REPORTING IS TO BE CONDUCTED IN ACCORDANCE TO THE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) REMEDIAL USE PERMITS.
  - CONTRACTOR TO COORDINATE PLACEMENT OF ALL ALARM PANELS WITH THE HOMEOWNER, THE BOARD OF HEALTH & SYSTEM MANUFACTURERS PRIOR TO INSTALLATION.
  - MICROFAST BLOWER UNIT TO BE PLACED AT THE REAR OF THE EXISTING SHED. BLOWER UNIT SHALL BE SCREENED FROM VIEW WITH SHRUBS AND/OR BUSHES (NOT SHOWN ON PLAN FOR CLARITY).
  - FINAL LOCATIONS OF HIGH AND LOW VENTS ARE TO BE PLACED AS SHOWN ON SITE PLAN ANY MODIFICATIONS ARE TO BE APPROVED BY THE BOARD OF HEALTH.
  - SOIL CONDITIONS ENCOUNTERED DURING EXCAVATION MAY DIFFER FROM THE PREVIOUSLY OBSERVED CONDITIONS AT THE TEST PITS. ADDITIONAL REMOVAL AND REPLACEMENT OF SOIL MAY BE REQUIRED, IF UNDESIRABLE CONDITIONS ARE ENCOUNTERED. THE DESIGN ENGINEER AND THE BOARD OF HEALTH SHALL BE CONSULTED.
  - NO STRUCTURES PROPOSED ON ANY SLOPE > 25%.

**PROPOSED S.A.S. VARIANCE REQUEST**

PROPOSED S.A.S. TO TOP OF COASTAL BANK = 78'± OR (72'± VARIANCE)  
 PROPOSED S.A.S. TO BUTTERMILK BAY (M.L.W.) = 140'± OR (10'± VARIANCE)

Prepared By:

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**SUBSURFACE SEWAGE DISPOSAL PLAN IN BOURNE, MASSACHUSETTS**

Prepared For:  
**EDWARD G. JACOUBS & PERI A. JACOUBS**  
 #60 ARLINGTON DRIVE  
 MAP 19.2 PARCEL 131

No.	Date	Revision Description	By
7	3/23/2022	UPDATED BENCHMARK	JPH
6	3/14/2022	REVISE FLOOD ZONE REFERENCE	JPH
5	2/24/2022	REVISED BASED ON B.O.H. COMMENTS	ZLB
4	10/19/2021	REVISED FOR B.O.H. COMMENTS	JPH
3	10/5/2021	REVISED FOR B.O.H. SUBMISSION	RED
2	2/17/21	REVISED PER D.E.P. (S.O.C.) COMMENTS	JPH
1	2/10/20	REVISED PER CON. COMM. COMMENTS	RED

Date: DECEMBER 23, 2019 Drawn: RED/BLZ Checked: ZLB/AMG Sheet: 1 of 2