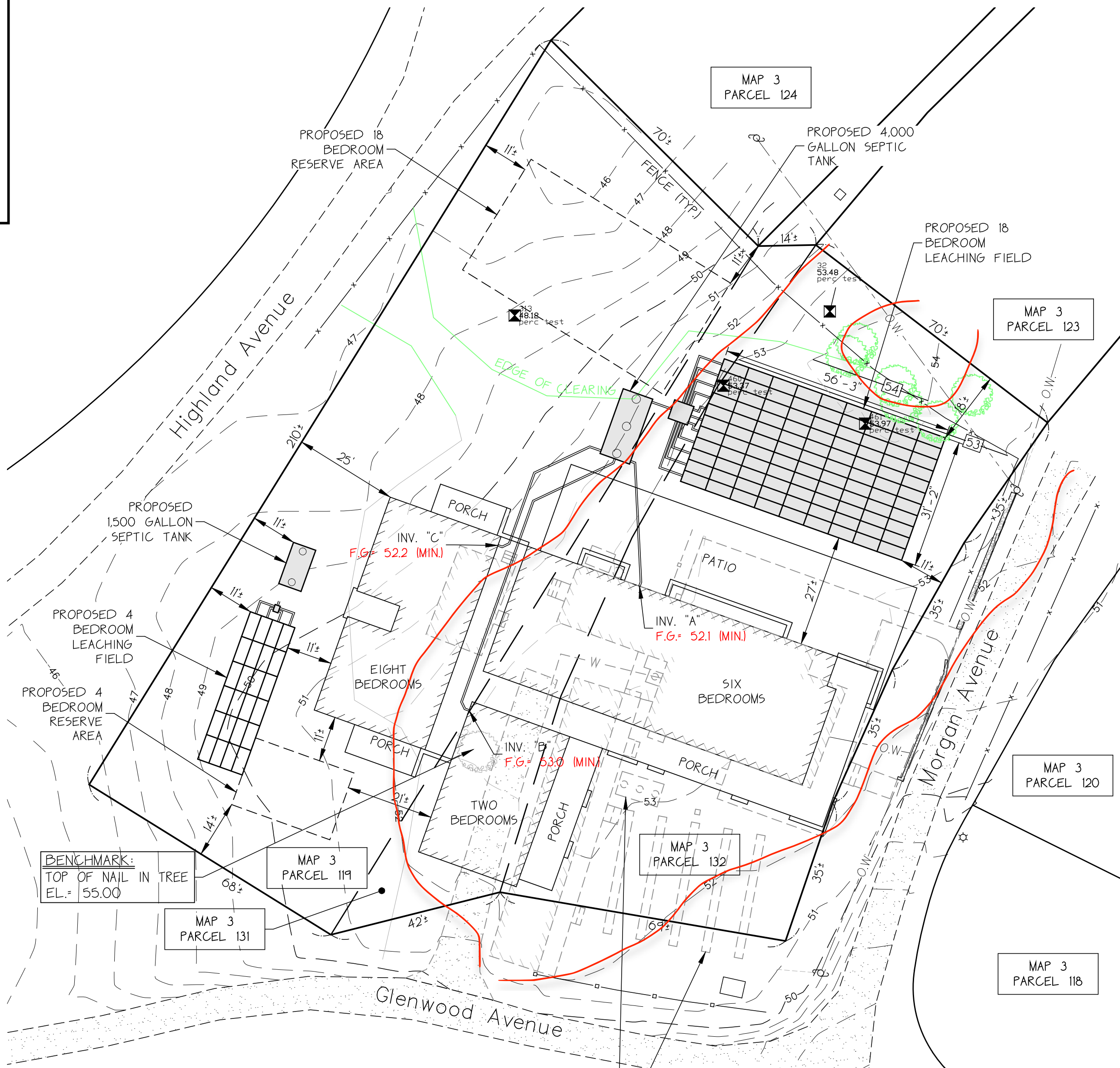


Plan of Land

SCALE: 1"=20'
 MAP NO.: 3
 PARCELS NO.: 119, 131 (PART OF) AND 132
 AREA: 27,656± SF.



Legend

- 100 — EXISTING CONTOUR
- 100+0 EXISTING SPOT ELEVATION
- 100 — PROPOSED CONTOUR
- ⊠ THI PERCOLATION TEST
- W — WATER LINE
- — — — — APPROXIMATE PROPERTY LINE
- O.W. — — U.E. — UNDERGROUND ELECTRIC

SOILS LOG

TEST HOLE #	DATE:	ELEV. ±
DEPTH	HORIZON	TEXTURE
00-00"	A	TEXTURE
00-00"	B	TEXTURE
00-000"	C	TEXTURE

- Notes**
- GENERAL NOTES:**
- THIS PLAN IS TO BE USED ONLY FOR THE PERMITTING AND INSTALLATION OF A SEWAGE DISPOSAL SYSTEM. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.
 - NO CHANGES TO THIS PLAN ARE PERMITTED WITHOUT THE PRIOR WRITTEN APPROVAL OF SOURATI ENGINEERING GROUP, LLC.
 - INSTALLATION SHALL BE IN STRICT CONFORMITY WITH TITLE 5 OF THE MASSACHUSETTS STATE SANITARY CODE AND THE RULES & REGULATIONS OF THE TOWN OF OAK BLUFFS BOARD OF HEALTH.
 - MACHINERY THAT MAY DISTURB PIPE ALIGNMENT IN THE DISPOSAL SYSTEM SHALL NOT BE USED ON THE DISPOSAL AREA.
 - NO EXISTING WELLS WERE FOUND WITHIN 100' FROM THE PROPOSED SOIL ADSORPTION SYSTEM OR WITHIN 50' FROM THE SEPTIC TANK.
 - FINISHED SURFACE OF LEACHING AREA SHALL BE GRADED TO INSURE RUNOFF (2% MINIMUM SLOPE).
 - THE SEPTIC TANK AND THE DISTRIBUTION BOX SHALL BE EITHER:
 - A. WATER TIGHT ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND WARRANTY, OR
 - B. MADE WATER TIGHT BY THE MANUFACTURER, EQUIPMENT SUPPLIER OR INSTALLER, USING ASPHALT OR SYNTHETIC POLYMER SEALER SPECIFIED BY THE CONCRETE OR SYNTHETIC MATERIAL MANUFACTURER.
 - SEPTIC TANKS AND DISTRIBUTION BOXES SHALL BE LEVEL AND TRUE TO GRADE ON A LEVEL STABLE BASE THAT HAS BEEN MECHANICALLY COMPACTED AND ONTO WHICH 6 INCHES OF CRUSHED STONE HAVE BEEN PLACED TO MINIMIZE UNEVEN SETTLING.
 - ALL SYSTEM COMPONENTS SHALL BE CONSTRUCTED OF CORROSION RESISTANT MATERIALS.
 - ALL PIPING SHALL BE A MINIMUM OF SCHEDULE 40 PVC UNLESS OTHERWISE NOTED.
 - DISTRIBUTION BOX OUTLET LINES SHALL BE LEVEL FOR A MINIMUM OF THE FIRST TWO FEET OF THEIR LENGTH.

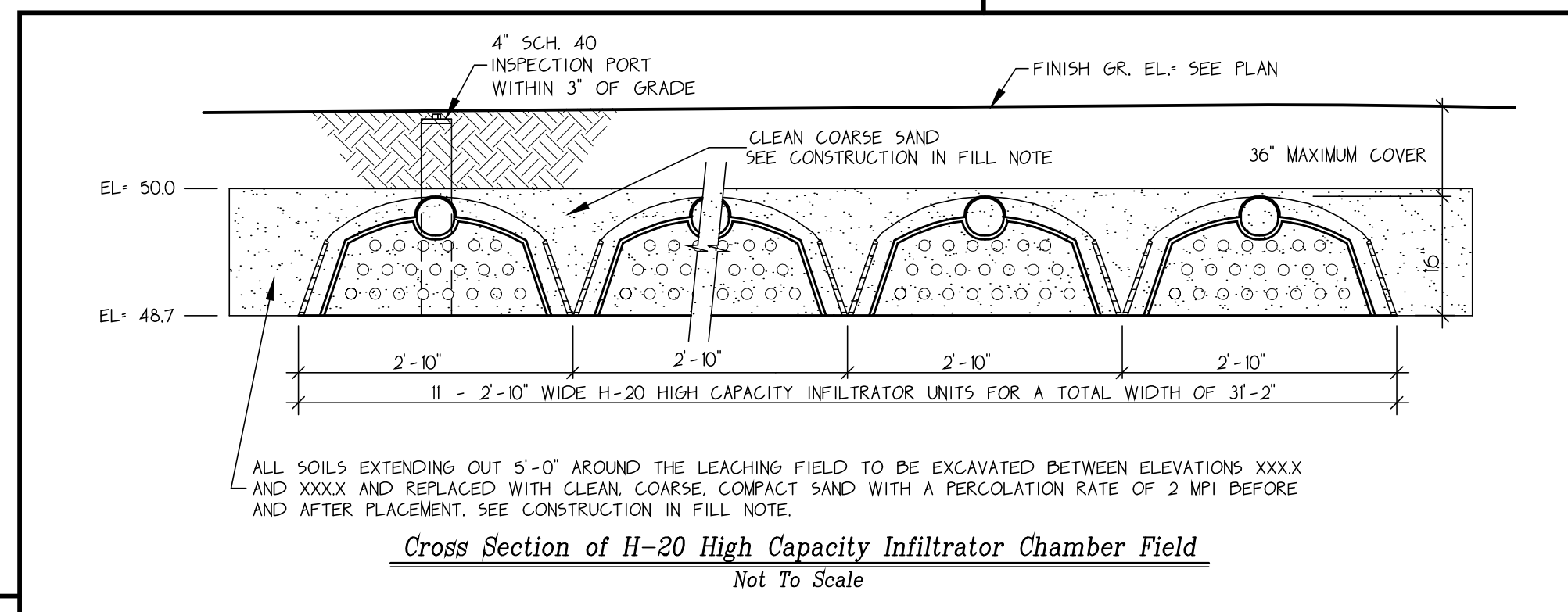
- CONSTRUCTION IN FILL:**
- FILL MATERIAL FOR SYSTEMS CONSTRUCTED IN FILL SHALL CONSIST OF SELECT ON-SITE OR IMPORTED SOIL MATERIAL. THE FILL BE COMPRISED OF CLEAN GRANULAR SAND, FREE FROM ORGANIC MATTER AND DELETERIOUS SUBSTANCES, MIXTURES AND LAYERS OF DIFFERENT CLASSES OF SOIL SHALL NOT BE USED. THE FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN TWO INCHES. A SIEVE ANALYSIS USING A #4 SIEVE SHALL BE PERFORMED ON A REPRESENTATIVE SAMPLE OF THE FILL UP TO 25% BY WEIGHT OF THE FILL SAMPLE MAY BE RETAINED ON THE #4 SIEVE. ANALYSIS ALSO SHALL BE PERFORMED ON THE FRACTION OF THE FILL SAMPLE PASSING THE #4 SIEVE. SUCH ANALYSES MUST DEMONSTRATE THAT THE MATERIAL MEETS EACH OF THE FOLLOWING SPECIFICATIONS:
- | SIEVE SIZE | EFFECTIVE PARTICLE SIZE | % THAT MUST PASS SIEVE |
|------------|-------------------------|------------------------|
| #4 | 4.75 MM | 100 ± |
| #10 | 0.30 MM | 10 ± - 100± |
| #100 | 0.15 MM | 0 ± - 20± |
| #200 | 0.075 MM | 0 ± - 5± |

- HIGH CAPACITY INFILTRATOR CHAMBER ISOLATION SYSTEM:**
- THE INFILTRATORS SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE MANUFACTURER SPECIFICATIONS.

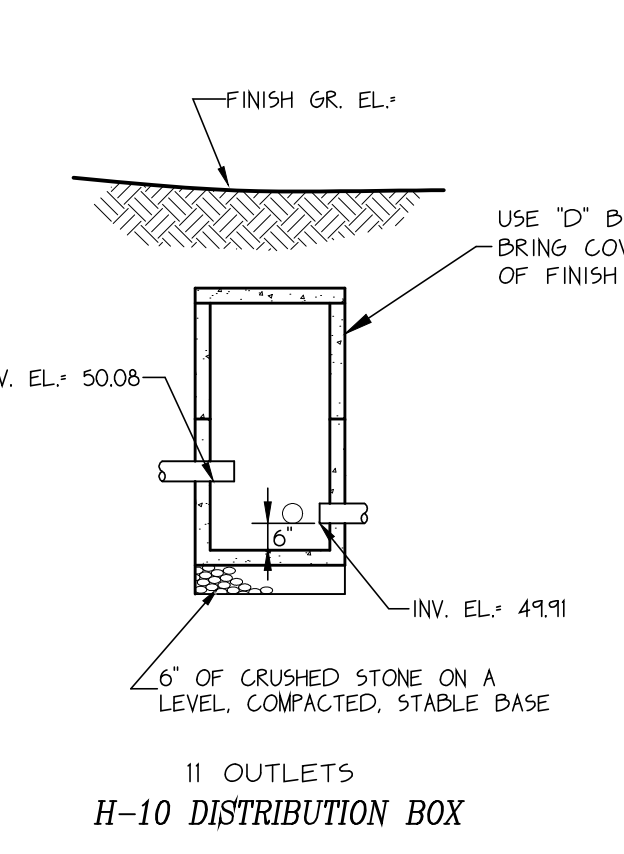
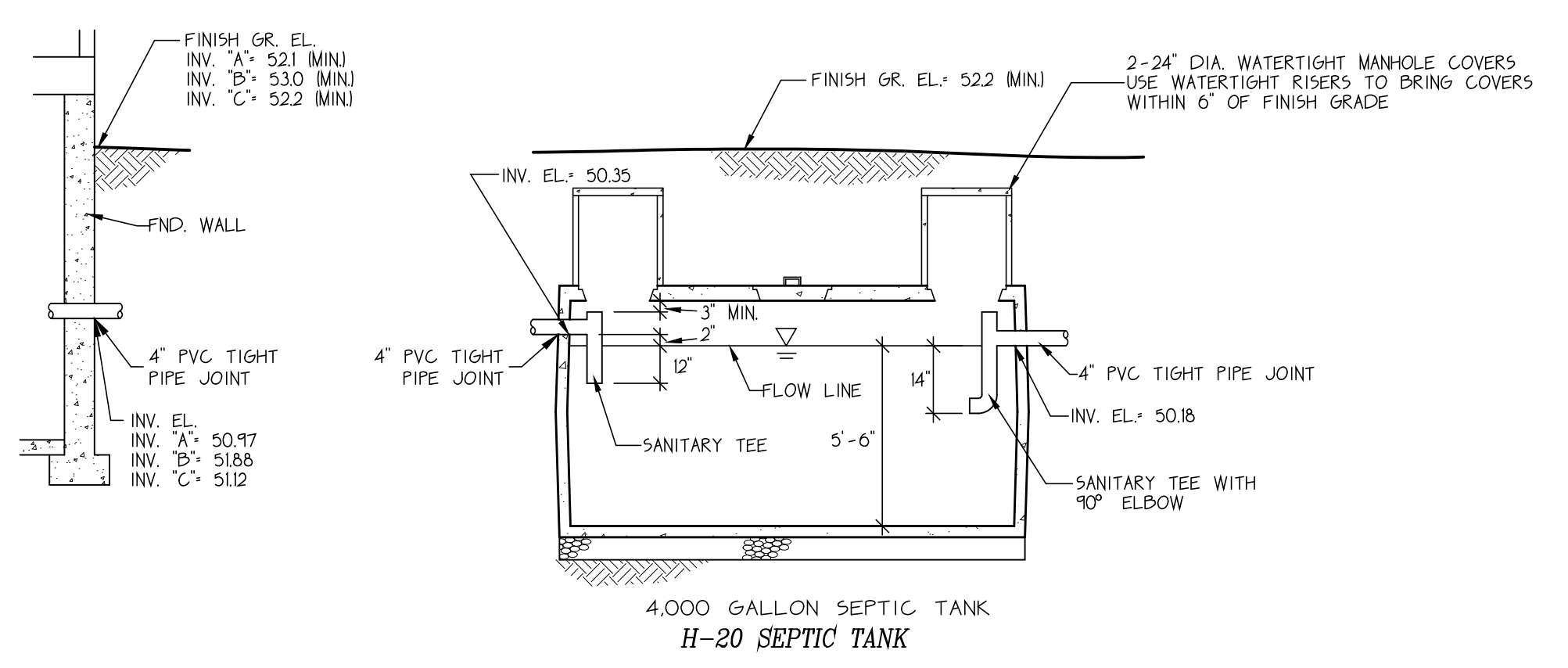
- NOTES:**
- THE OWNER SHALL SUBMIT THE BUILDING FLOOR PLANS TO THE OAK BLUFFS BOARD OF HEALTH FOR THEIR APPROVAL.
 - ALL UNDERGROUND UTILITIES, INCLUDING WATER, PHONE, AND ELECTRICAL LINES, MUST BE LOCATED BY THE CONTRACTOR AND DIG SAFE SYSTEM, INC. MUST BE CONTACTED AT 1-888-344-7233 PRIOR TO ANY EXCAVATION.
 - ENGINEER SHALL INSPECT BOTTOM OF EXCAVATION IN THE LEACHING FIELD PRIOR TO INSTALLING THE LEACHING FIELD.
 - EXISTING WATER SERVICE SHALL BE DISCONNECTED IN ACCORDANCE WITH THE OAK BLUFFS WATER DISTRICT REGULATIONS.

DATUM: ALL ELEVATIONS ARE RELATIVE TO AN ASSUMED DATUM OF 55.00 SET ON TOP OF NAIL IN TREE. SEE PLAN FOR LOCATION.

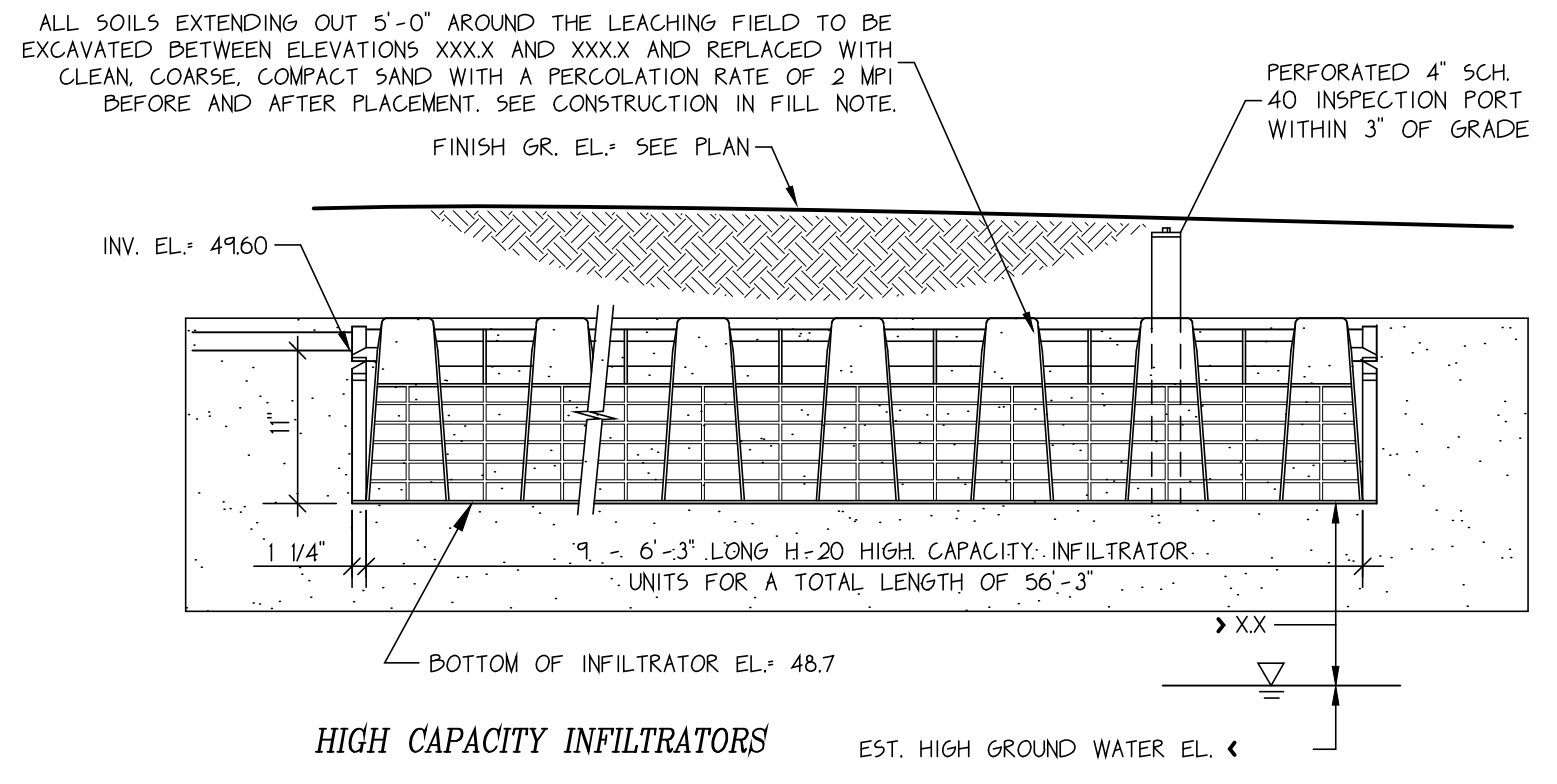
EXISTING SEPTIC TANK AND LEACHING TRENCHES TO BE PUMPED DRY, DUGOUT, REMOVED OFFSITE, AND BACKFILLED WITH CLEAN, COARSE, COMPACT SAND. SEE CONSTRUCTION IN FILL NOTE.



WORKSHEET REFERENCE: 102408W5



Profile of System
 Not To Scale



New Sewage Disposal System
 In The Town Of
Oak Bluffs

Site:
 Proposed Eighteen Bedroom Inn
 Map 3, Parcels 119, 131 (part of) & 132
 4 Morgan Avenue

Owner:
 Eric P. & Carma L. Van Allen
 41 Warrent Court
 South Orange, NJ 07079

Scale: As Shown
 Job No.: 102408
 Drawing No.: 102408SP
 Sheet 1 of 1

Date: June 24, 2021
 Drawn By: H. Chen
 Designed By: H. Chen
 Checked By: G. Sourati

Professional civil engineers
Sourati Engineering Group
 Professional Land Surveyors

P.O. Box 4458
 107 Beach Road, Suite 202
 Vineyard Haven, MA 02568
 Phone: (508) 693-9933
 Fax: (508) 693-4933