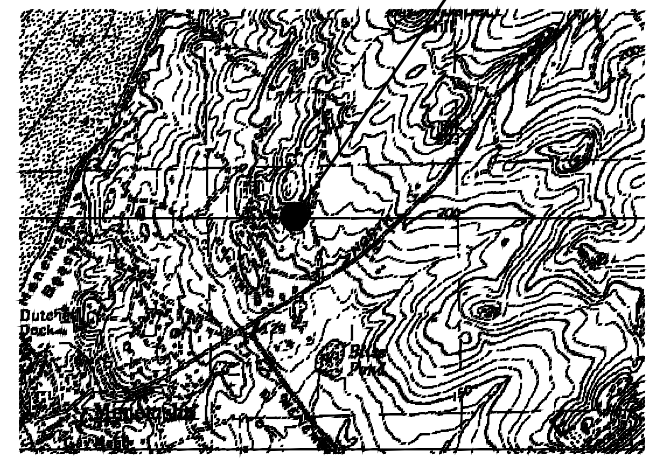


Locus Plan  
SCALE: 1:25000

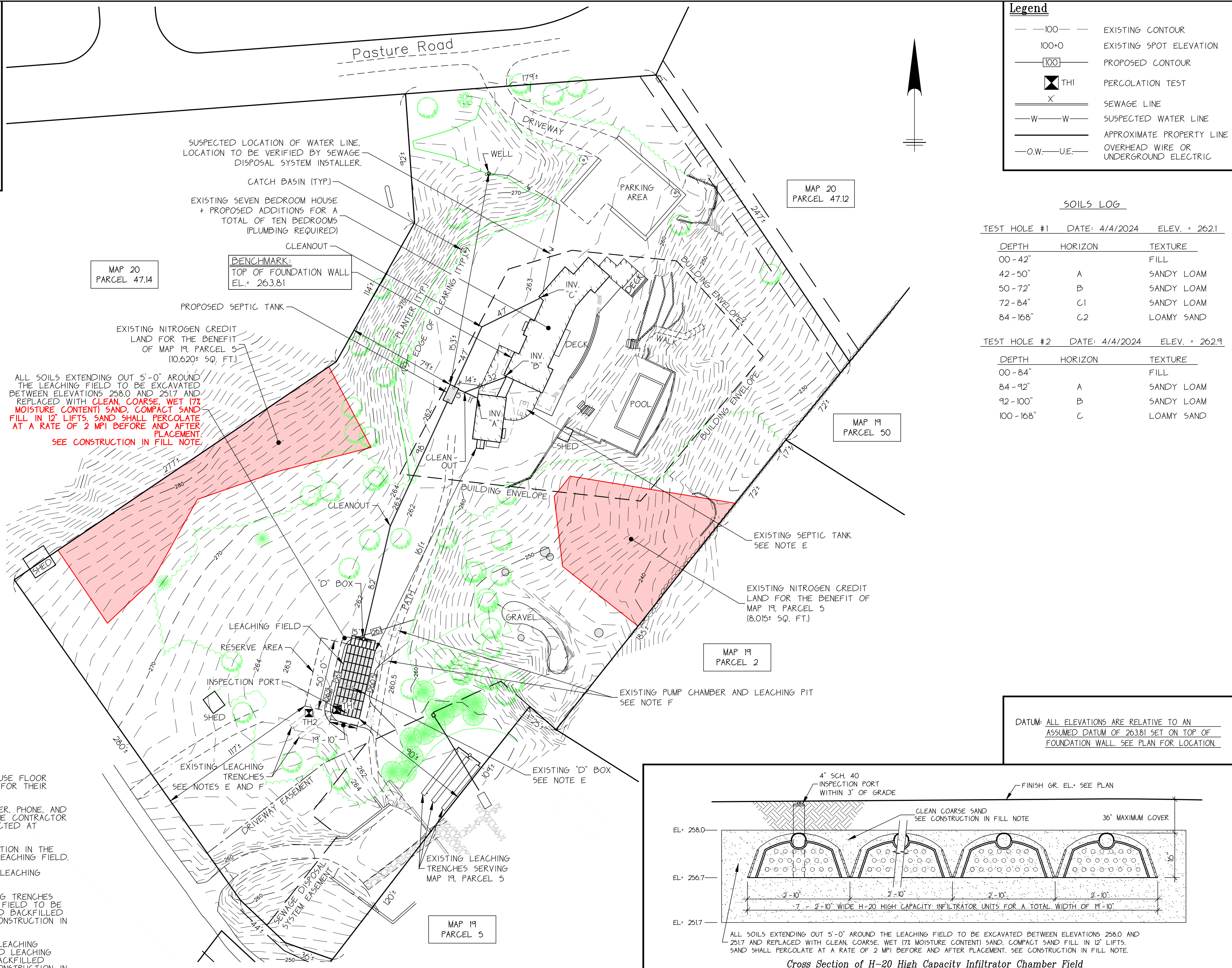


Plan of Land

SCALE: 1"=40'  
MAP NO.: 20  
PARCEL NO.: 47.13  
AREA: 182,952± SF.

Table with 2 columns: Description and Area. Includes Lot Area, Total Credit Land, and Total Available Area.

- NOTES: A) THE OWNER SHALL SUBMIT THE PROPOSED HOUSE FLOOR PLANS TO THE CHILMARK BOARD OF HEALTH FOR THEIR APPROVAL. B) ALL UNDERGROUND UTILITIES... C) ENGINEER SHALL INSPECT BOTTOM OF EXCAVATION... D) NO VEHICULAR TRAFFIC ALLOWED OVER THE LEACHING FIELD... E) EXISTING SEPTIC TANK, 'D' BOX, AND LEACHING TRENCHES... F) EXISTING PUMP CHAMBER, LEACHING PIT, AND LEACHING TRENCHES...



Legend table listing symbols for existing contour, spot elevation, proposed contour, septic line, water line, property line, overhead wire, and underground electric.

SOILS LOG table with columns for Test Hole #1, Date, Elevation, Depth, Horizon, and Texture. Includes data for two test holes.

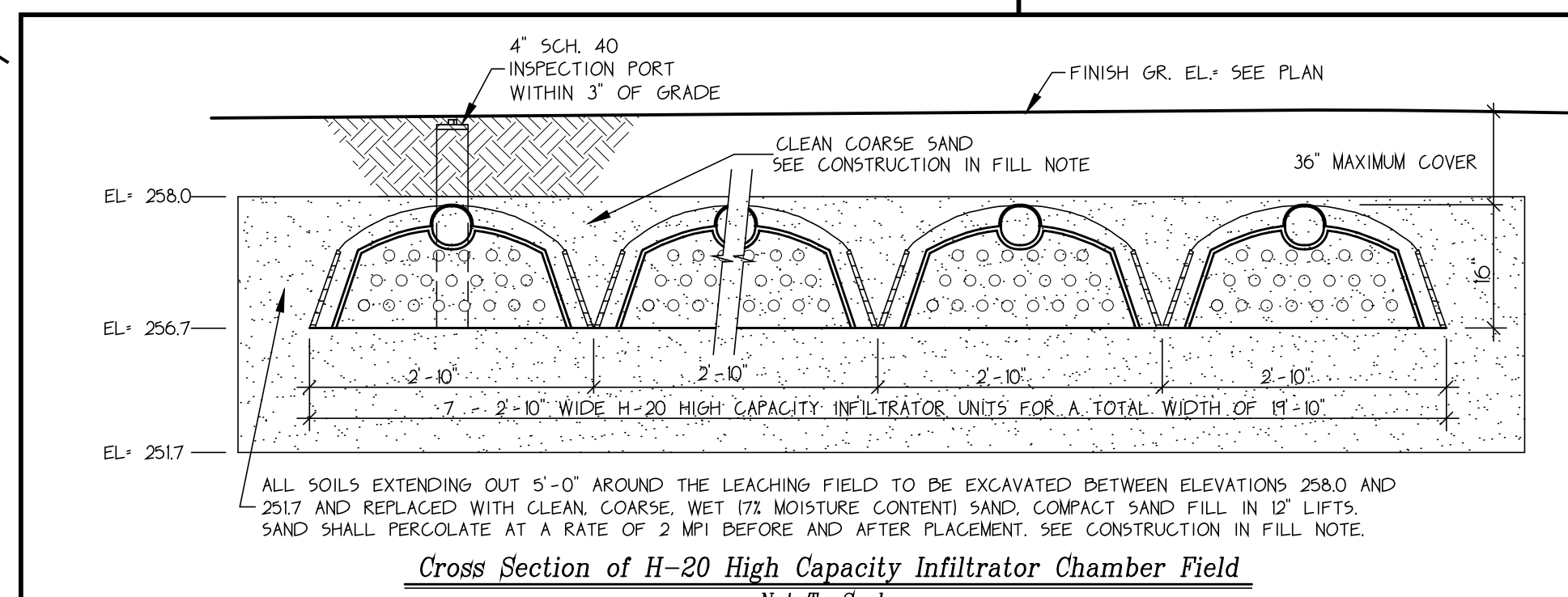
- Notes: 1. THIS PLAN IS TO BE USED ONLY FOR THE PERMITTING AND INSTALLATION OF A SEWAGE DISPOSAL SYSTEM... 2. NO CHANGES TO THIS PLAN ARE PERMITTED WITHOUT THE PRIOR WRITTEN APPROVAL... 3. INSTALLATION SHALL BE IN STRICT CONFORMITY WITH TITLE 5 OF THE MASSACHUSETTS STATE SANITARY CODE... 4. MACHINERY THAT MAY DISTURB PIPE ALIGNMENT... 5. NO EXISTING WELLS WERE FOUND WITHIN 150' FROM THE PROPOSED SOIL ABSORPTION SYSTEM... 6. FINISHED SURFACE OF LEACHING AREA SHALL BE GRADED TO INSURE RUNOFF (2% MINIMUM SLOPE)... 7. THE SEPTIC TANK AND THE DISTRIBUTION BOX SHALL BE EITHER: A. WATER-TIGHT ACCORDING TO MANUFACTURER'S SPECIFICATIONS... B. MADE WATER-TIGHT BY THE MANUFACTURER, EQUIPMENT SUPPLIER OR INSTALLER... 8. SEPTIC TANKS AND DISTRIBUTION BOXES SHALL BE LEVEL AND TRUE TO GRADE... 9. ALL SYSTEM COMPONENTS SHALL BE CONSTRUCTED OF CORROSION RESISTANT MATERIALS... 10. ALL PIPING SHALL BE A MINIMUM OF SCHEDULE 40 PVC UNLESS OTHERWISE NOTED... 11. DISTRIBUTION BOX OUTLET LINES SHALL BE LEVEL FOR A MINIMUM OF THE FIRST TWO FEET OF THEIR LENGTH.

CONSTRUCTION IN FILL table with columns for Sieve Size, Effective Particle Size, and % That Must Pass Sieve. Includes specifications for fill material.

HIGH CAPACITY INFILTRATOR CHAMBER (SOIL ABSORPTION SYSTEM)

- 1. THE INFILTRATORS SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE MANUFACTURER SPECIFICATIONS.

DATUM: ALL ELEVATIONS ARE RELATIVE TO AN ASSUMED DATUM OF 263.81 SET ON TOP OF FOUNDATION WALL. SEE PLAN FOR LOCATION.



Cross Section of H-20 High Capacity Infiltrator Chamber Field Not To Scale

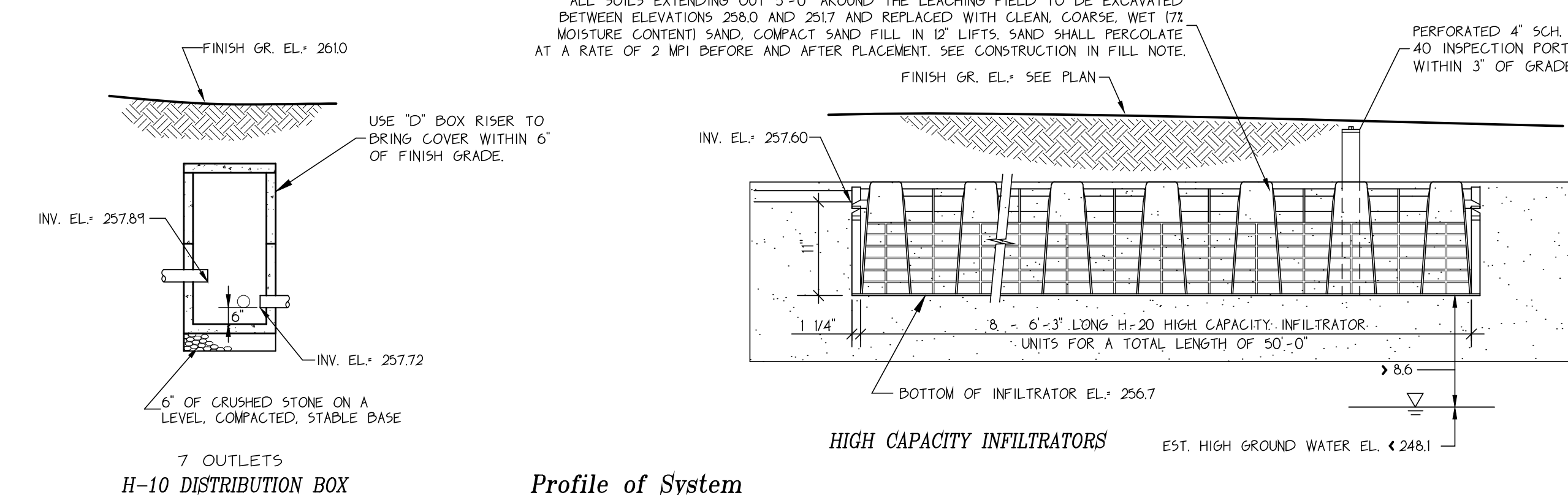
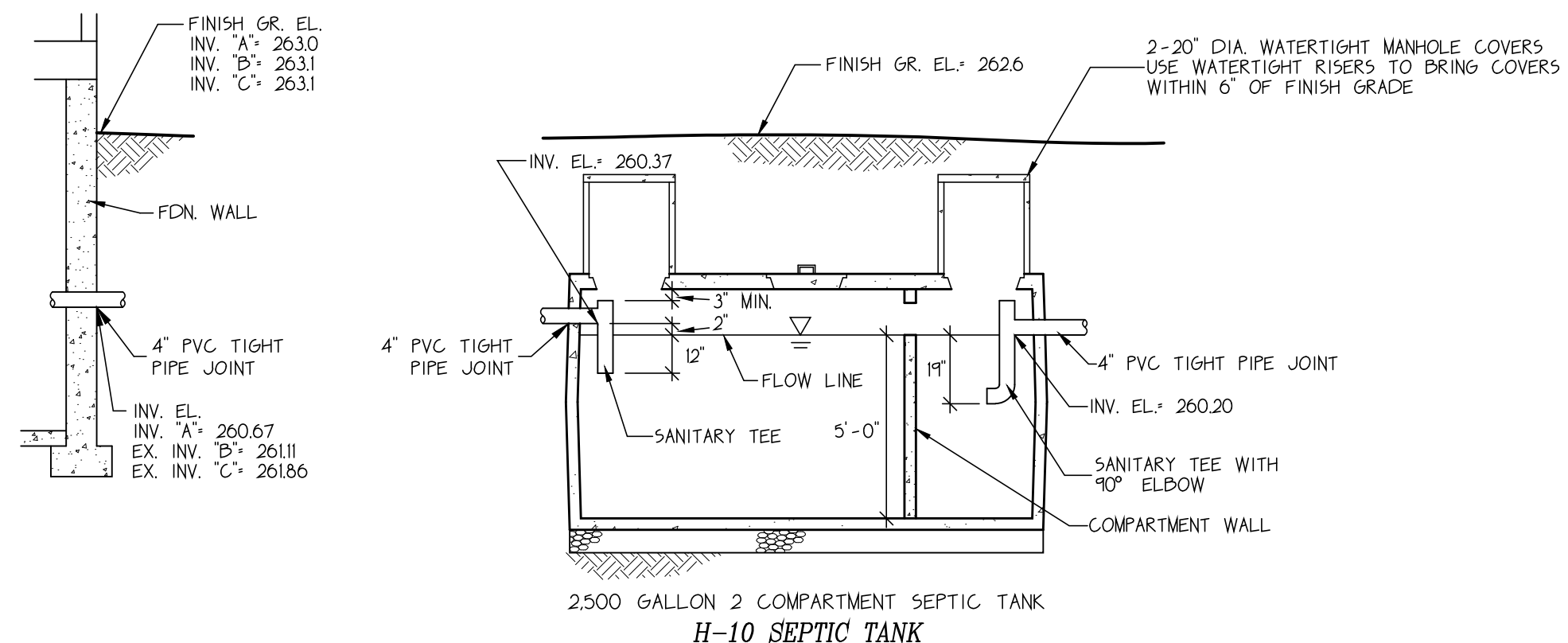
Design Computations: HYDRAULIC LOADING: 10 BEDROOMS AT 110 GPD ± 1,100 GPD. A GARBAGE DISPOSAL IS NOT ALLOWED IN THIS DESIGN.

SEPTIC TANK SIZE: INCREASE FLOW TO 200% (TITLE VI ± 2,200 GALLONS) USE 2,500 GALLON SEPTIC TANK.

LEACHING CAPACITY: DESIGN PERCOLATION RATE 15.5 MIN/INCH EFFLUENT LOADING RATE 0.74 G/5F/D SOIL TYPE: CLASS 1. USE 1 LEACHING FIELD WITH 56 CHAMBERS.

TOTAL AREA OF FIELD = 56 CHAMBERS X 6.25 LF/CHAMBER X 4.72 5F/LF = 1,652 5F. TOTAL LEACHING CAPACITY PROVIDED = 1,652 5F. X 0.74 G/5F/D = 1,222 G/D. TOTAL LEACHING CAPACITY PROVIDED = 1,222 G/D. TOTAL HYDRAULIC LOADING REQUIRED = 1,100 G/D.

WORKSHEET REFERENCE: 101299WS



Profile of System Not To Scale

New Sewage Disposal System In The Town Of Chilmark. Site: Existing Seven Bedroom House + Proposed Additions for a Total of Ten Bedrooms. Owner: Henry H. & Carol B. Goldberg. Arery Capital Group LLC. 7201 Wisconsin Avenue # 600 Bethesda, MD 20814. Includes contact information for Sourati Engineering Group LLC.

Revisions table with columns for revision number and description.

Professional Land Surveyors