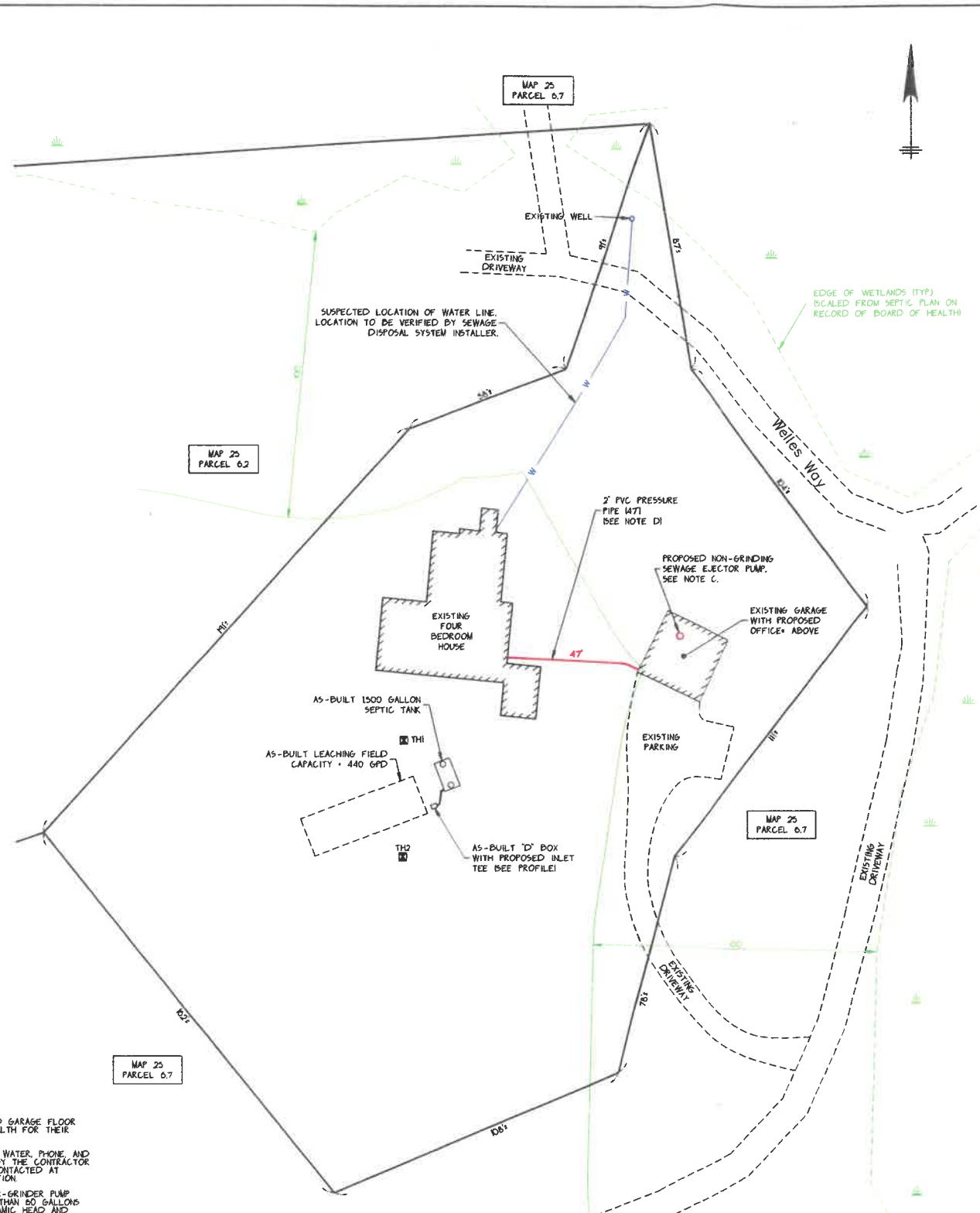


Plan of Land
SCALE: 1:500
MAP NO. 25
PARCEL NO. 6.1
AREA: 49,200 SF.



Legend

--- 100 ---	EXISTING CONTOUR
100.0	EXISTING SPOT ELEVATION
--- 100 ---	PROPOSED CONTOUR
THI	PERCOLATION TEST
X	SEWAGE LINE
W-W	WATER LINE
---	APPROXIMATE PROPERTY LINE
O-W	OVERHEAD WIRE OR UNDERGROUND ELECTRIC

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 2 OF THE MASSACHUSETTS STATE SANITARY CODE AND THE RULES & REGULATIONS OF THE TOWN OF CHILMARK 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 MAINTAIN BLACKTOP MINIMUM SLOPE.
 - THE SEPTIC TANK AND THE DISTRIBUTION BOX SHALL BE EITHER:
 - INTERFIGHT ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND INACCURACY OF
 - 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 OVER WHICH 6" REARS OF CRUSHED STONE HAVE BEEN PLACED TO MANAGE 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.

want to put sewage ejector in garage & tie in to plumbing in the house

* PROPOSED OFFICE ABOVE EXISTING GARAGE SHALL BE DEED RESTRICTED TO AN OFFICE, NOT A BEDROOM.

- NOTES:**
- THE OWNER SHALL SUBMIT THE PROPOSED GARAGE FLOOR PLAN TO THE CHILMARK BOARD OF HEALTH FOR THEIR APPROVAL.
 - ALL UNDERGROUND UTILITIES INCLUDING WATER, PHONE AND ELECTRICAL LINES MUST BE LOCATED BY THE CONTRACTOR AND DIS SAFE SYSTEM INC. MUST BE CONTACTED AT 1-800-344-7233 PRIOR TO ANY EXCAVATION.
 - SEWAGE EJECTOR PUMP SHALL BE A NON-GRINDER PUMP WITH A DISCHARGE FLOW RATE FEWER THAN 80 GALLONS PER MINUTE AT THE DESIGN TOTAL DYNAMIC HEAD AND CAPABLE OF PASSING A TWO INCH DIAMETER SOLID.
 - PRESSURE PIPE SHALL BE INSTALLED AT A MINIMUM OF 48" BELOW GRADE UNLESS PRESSURE PIPE IS INSTALLED BETWEEN 48"-24" BELOW GRADE WITH 2" THICK BY 24" WIDE RIGID INSULATION INSTALLED OVER PIPE.

Design Computations:

HYDRAULIC LOADING:
4 BEDROOMS AT 80 GPD = 440 GPD
1 OFFICE AT 0 GPD = 0 GPD

SEPTIC TANK SIZE:
USE EXISTING 1500 GALLON SEPTIC TANK

LEACHING CAPACITY:
USE EXISTING LEACHING FIELD WITH A CAPACITY OF 440 GPD.

Sewage Disposal System Upgrade
In The Town Of
Chilmark

Site: Existing Garage w/ Proposed Office Above Map 25, Parcel 6.1 29 Welles Way	Owner: Ariel & Zachary Heinzerling Ashe 611 Broadway #722 New York, NY 10012
Scale: As Shown	Date: June 8, 2022
Job No.: 102558	Drawn By: E. Chen
Revised No.: 102558R01	Designed By: E. Chen
Sheet: 1	Checked By: E. Seurat

Professional seal for Sourati Engineering Group LLC, Professional Land Surveyors.

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

WORKSHEET REFERENCE: SITE PLAN IN CHILMARK PREPARED FOR ARIEL ASHE, DATED 10-11-2019, BY VINEYARD LAND SURVEYING + ENGINEERING, INC.