

Approved
MRB 10/13/23

Record Detail * (This section is required.)

Permit Type Building/Residential/Misc/Solar Panel Permit Number B23004053 Opened Date 10/05/2023
 Description of Work SFD / INSTALL (24) ROOF MOUNTED SOLAR PANELS AND (36) GROUND MOUNTED SOLAR PANELS

Online BP.
gjl 10/12/23

check spelling

Address * (This section is required.)

Search Reset Clear Get Parcel & Owner

Street # 1656 Street Name WOODSTOCK Street Type RD
 Unit Type --Select-- Unit # --Select-- X Coordinate -76.87804 Y Coordinate 39.32872
 City WOODSTOCK State MD Zip Code 21163 Primary Yes

Parcel * (This section is required.)

Search Reset Clear Get Address & Owner

GIS ID *	Parcel	Parcel Area	Land Value	Improved Value	Exemption Value	Plan Area
908151	39	1.66	227800	912100	684300	RURAL

Legal Description
 IMPVLOT 5 1.666 A[]1656 WOODSTOCK RD R/W[]HEYN PROP, RSB PAR A

check spelling

Block	Lot	Census Tract	Council Dist	Inspection Dist	Supervisor Dist	Map #	DAP Zone
	5	603000	5	6			

Plan Area State Tax Id Subdivision Name
 1403326586 HEYN PROPERTY

Section Area Tax Map
 10

Grid Zoning District ADC Map
 10-18 RC-DEO 4694-K8

SDP No. Final Plan No. WP File No.

Record Plat No. WS Contract No. FDP No. Primary
 13271 Yes

Owner Occupied Year Built Historic District
 Yes No 1999 Yes No

Historic District Registry No. Stat Area Flood Plain
 3-02A Yes No

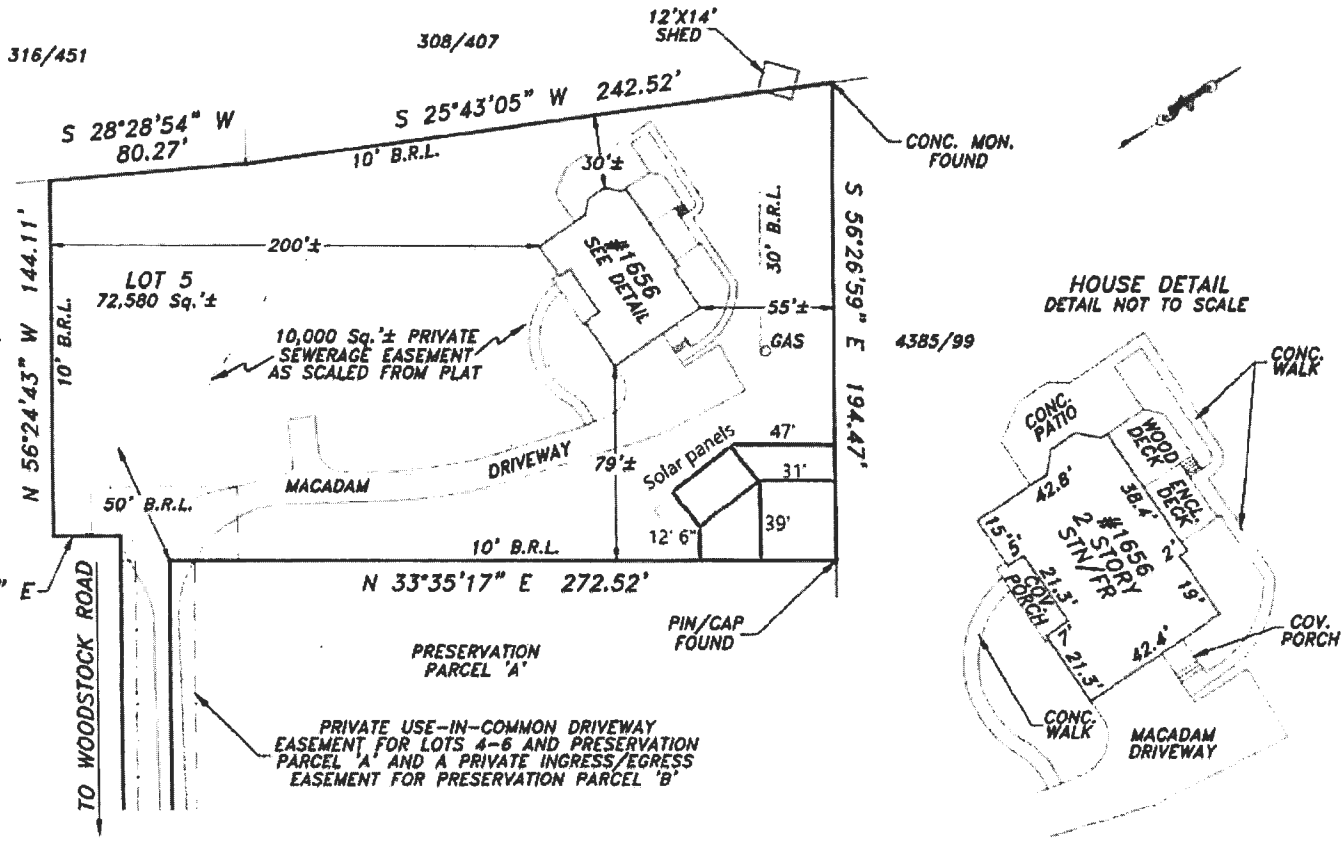
Building No

Owner * (This section is required.)

Search Reset Clear

Name *
 SEEKINS SOPHIA LENORE DE GOES
 Address Line 1
 1656 WOODSTOCK RD
 Address Line 2
 Address Line 3

Mail City WOODSTOCK Mail State MD Mail Zip Code 21163
 Phone 303-921-5783 Primary Yes
 E-mail REDMINX45@GMAIL.COM



The purpose of this drawing is to locate, describe, and represent the positions of buildings and substantial improvements affecting the property shown hereon, being known as:
 Lot 5, as shown on the plat entitled, "Hayn Property"
 Lots 4 thru 6 & Preservation Parcels "A" and "B"
 recorded among the land records of Howard County, Maryland in Plat Number 13271

This is to certify that I either personally prepared or was in responsible charge over the preparation of this drawing and the surveying work reflected in it, all set forth in Regulation .12 of Chapter 09.13.08 of the Code of Maryland Annotated Regulations.

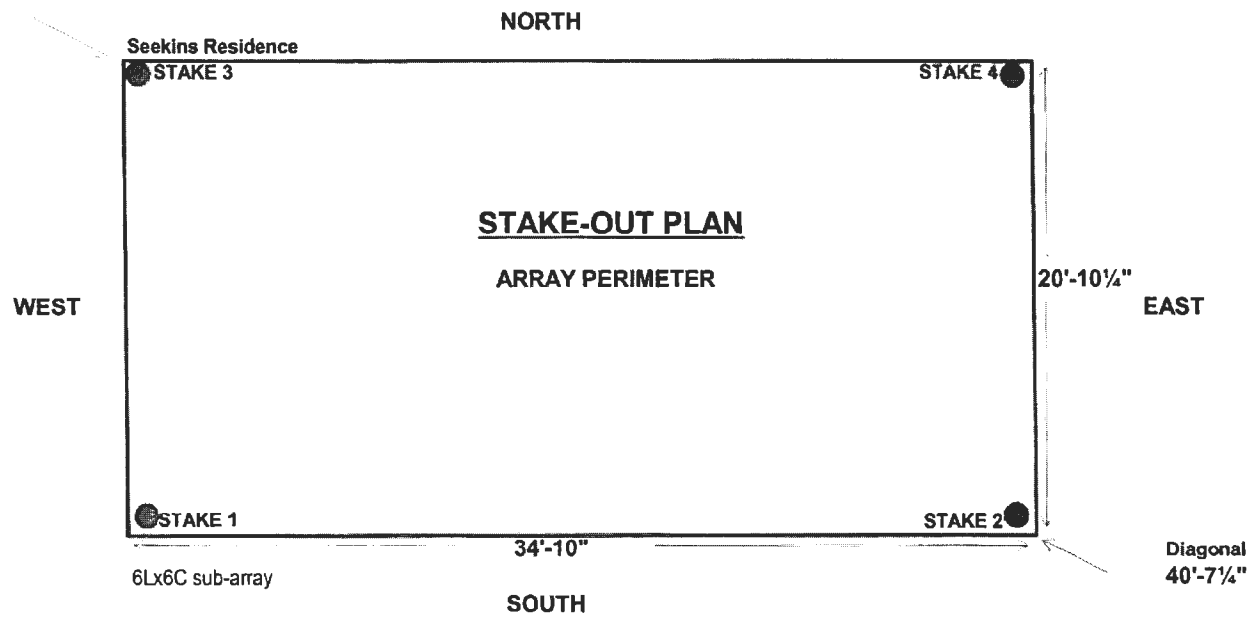
This is page one of a two page document. The advice found on the affixed page is an integral part of this drawing, and is not valid without all pages.

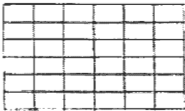


LOCATION DRAWING
 1656 WOODSTOCK ROAD
 3rd ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

NTT Associates, Inc.
 16205 Old Frederick Rd.
 Mt. Airy, Maryland 21771
 Phone: (410) 442-2031
 Fax: (410) 442-1315
 www.nttsurveyors.com

Scale:	1" = 60'
Date:	8/29/2023
Field By:	CB/RMS
Drawn By:	RMS
File No.:	MISC 16172
Page No.:	1 of 2

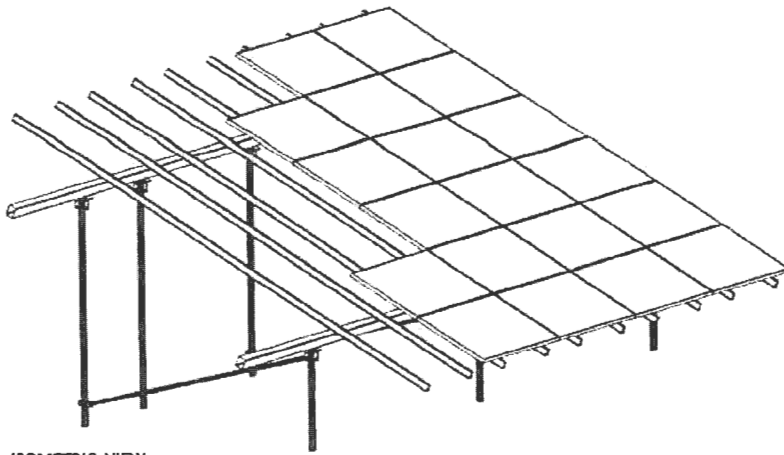




PLAN VIEW
N.T.S.

All design work has been performed in accordance with the Howard County Building Code including, but not limited to, the 2021 International Building Code with Amendments per Section 3.101.
 Net design pressures were calculated in accordance with ASCE 7-16 section 27.3.2, "Open Buildings with Monoslope, Pitched, or Troughed Roofs". All load cases were evaluated in determining the limiting design conditions. The data table above provides the results for the limiting load case. Maximum leg reaction forces represent the highest load condition seen by any leg in the structure. All legs in the structure are designed to meet the maximum load conditions.

Site Design Conditions			
Basic Wind Speed (Risk Category II)	115 MPH	Max. Leg Axial Bearing:	4,885 lbs
Basic Wind Speed (Risk Category I)	105 MPH	Max. Leg Uplift:	1,835 lbs
Exposure Category:	C	Max. Lateral Resistance:	800 lbs
Ground Snow Load:	40 PSF	Top Rail Max. Loading:	110.3 psf
Flat Roof Snow Load:	N/A	Nettoal Pile Depth:	60" Min
Site Contour:	< 3 Degree Rise	Lateral Resistance Pile Size:	Net Req'd



ISOMETRIC VIEW
N.T.S.

6Lx6C Sub-Array Design Conditions			
Front Leg Height:	369.7"	Array Tilt Angle:	10 Degree
Rear Leg Height:	636"	Front Edge Ground Clearance:	40"
North-South Leg Spacing:	1396"	Overall Array East-West Dim:	34'-10"
West Span Leg Spacing:	12'-5"	Number of Modules/Sub-Array:	36
East Span Leg Spacing:	12'-5"	Number of Sub-Arrays:	1
Quoinly Center Spacing:	0	Module Columns/Sub-Array:	6
Center Span Leg Spacing:	N/A	Number of Module Rows:	6
East & West Overhang:	4'-0"	Module Orientation:	Landscape
Overall Beam Length:	33'-0"	Module Column Spacing:	5 7/8"
Horizontal Beam Material:	5" x 4" x 1/8" HSS	Module Row Spacing:	6"
Top Rail Material:	SF Rails	Module Model:	VSUN370-1200WH
Qty. Rails per Panel:	2	Module Size:	41.28" x 68.37"
Top Rail Length:	254"	Individual Module Rating:	370 watts
Top Rail Center Spacing:	142"	Sub Array Power Rating:	13.32 kw
Top Rail Overhang:	54"	Total Power Rating:	13.32 kw

1. Additional North Column is to be installed per field direction. The Column is to support equipment mounting hardware. It is not required for North beam support.

James C Douglas



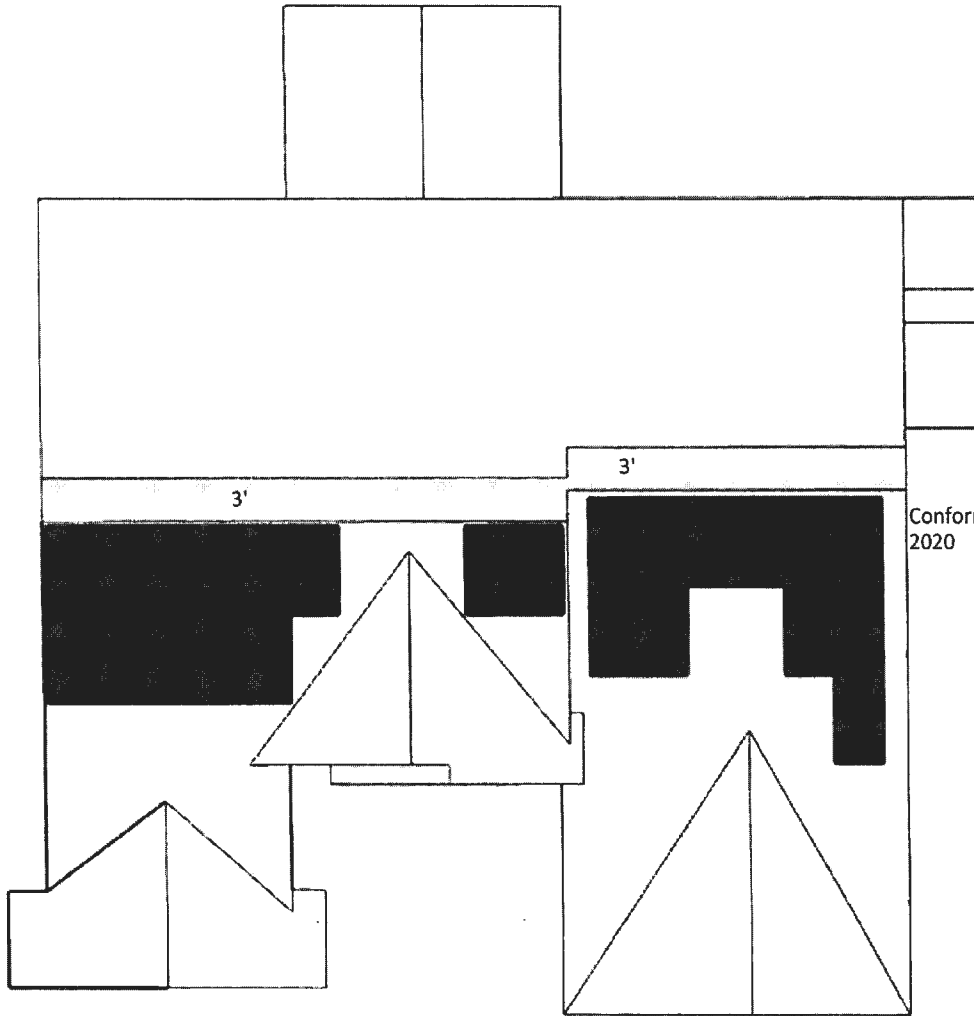
Professional Certification. I hereby certify that these documents were prepared or approved by me and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 40027, Expiration Date: 3/15/25.

SHEET 1 OF 3			
DATE	REVISION	DESIGN BY	REVIEW BY
09/06/2023	ORIGINAL	JB	JD
10/03/2023	REV 1 - CHANGED CONFIG. TO 6LX6C & PANELS TO VSUN 370W	JB	JD

AMERICAN DESIGN AND BUILD
 -PROJECT-
 SEEKINS RESIDENCE (PV23312gmr)
 1656 WOODSTOCK ROAD
 WOODSTOCK, MD 21163

Solar Foundations USA
 1142 River Road, New Castle, DE 19720 Ph: (855) 738-7200 Fax: (866) 644-5665

Seekins
1656 Woodstock Road
Woodstock, MD 21163



Conforms to IBC 2021, IRC 2021, NEC
2020

12/21/98
12/20/98
12/30/98

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-326584

P 51147

A 50626-E

DISTRICT 3rd

DATE 12-9-98

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 410-313-2640

INDEXED

DATE SYSTEM APPROVED 12/30/98

INSPECTOR CW

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784

PHONE 410-795-5674

SUBDIVISION Heyn Property LOT 5 ROAD 1656 Woodstock Road

PROPERTY OWNER Williamsburg Group, LLC

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

MANHOLE CLEANOUT REQUIRED

NUMBER OF BEDROOMS 4

TOPOGRAPHY MORE DIFFICULT THAN INDICATED ON SITE PLAN.

180 SQUARE FEET PER BEDROOM

INSTALL INITIAL TRENCH HIGHER THAN PLANNED,

LINEAR FEET OF TRENCH REQUIRED 240 180

! C. WARDER DRIVEWAY TO MAXIMIZE FUTURE REPAIR OPPORTUNITY 12/28/98 CW

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 3 feet below original grade. 4.2 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 194.41' and 242.52' lot lines, begin trenches 125 feet up the 242.52' lot line and 100 feet off that same lot line. Run trenches on contour toward the 242.52' lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 1/1/98 DKS

12/30/98 Specs altered due to topography concerns suitable soil conditions present. DKS

PLANS APPROVED BY Amy McMillen

DATE 9/04/98

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 8 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED

AND RETURNED 12-3-98

Serial # 100 115 266

propane tank

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

50626-E

GENERAL NOTES:

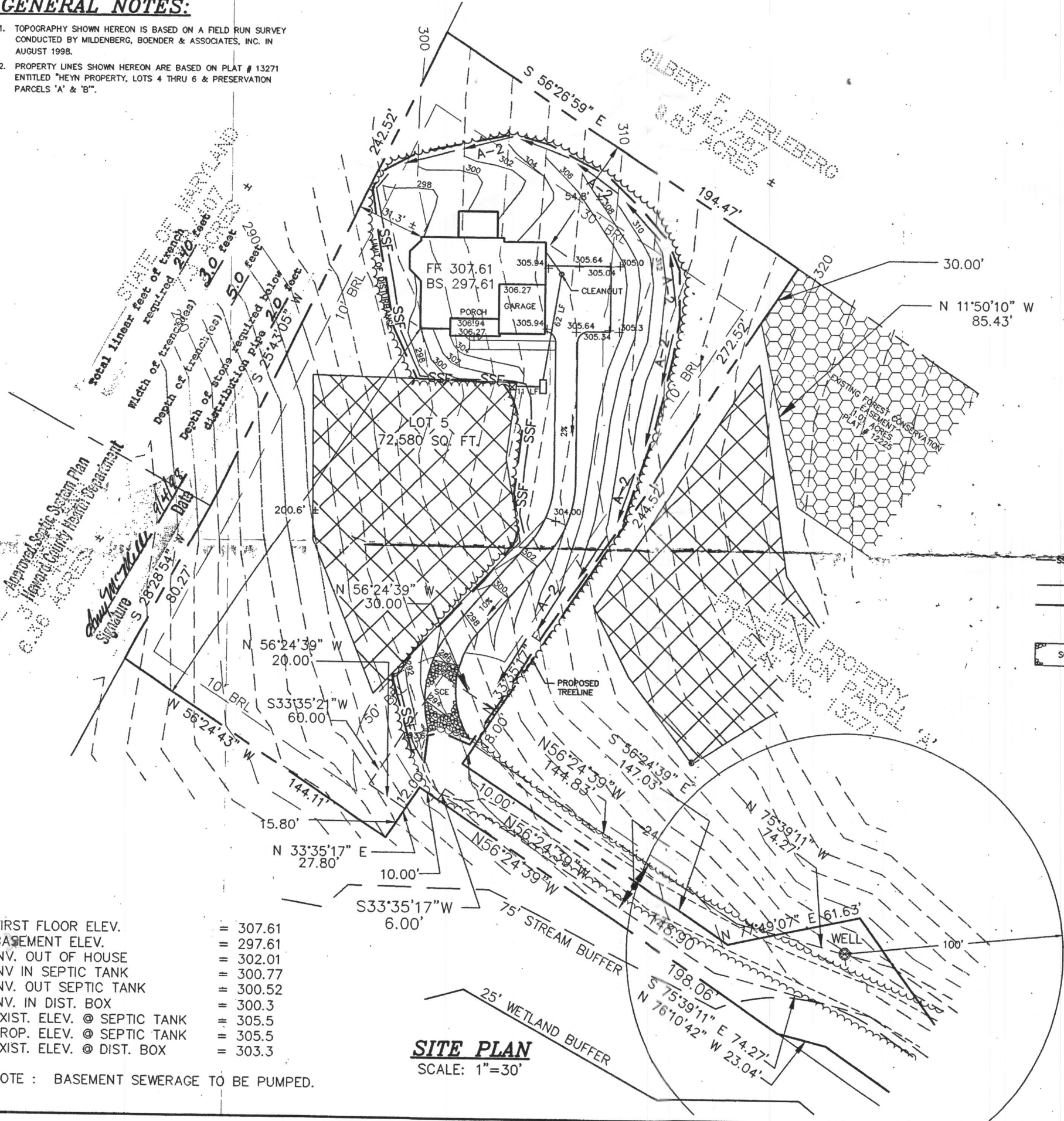
1. TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY CONDUCTED BY MILDENBERG, BOENDER & ASSOCIATES, INC. IN AUGUST 1998.
2. PROPERTY LINES SHOWN HEREON ARE BASED ON PLAT # 13271 ENTITLED "HEYN PROPERTY, LOTS 4 THRU 6 & PRESERVATION PARCELS 'A' & 'B'".



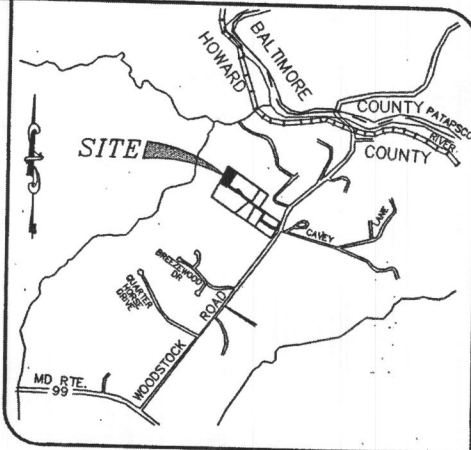
STATE OF MARYLAND
 Approved Specific System Plan
 Howard County Health Department
 6.36 ACRES
 Signature: *Suzanne P. Davis*
 Date: 8/26/98

FIRST FLOOR ELEV.	=	307.61
BASEMENT ELEV.	=	297.61
INV. OUT OF HOUSE	=	302.01
INV IN SEPTIC TANK	=	300.77
INV. OUT SEPTIC TANK	=	300.52
INV. IN DIST. BOX	=	300.3
EXIST. ELEV. @ SEPTIC TANK	=	305.5
PROP. ELEV. @ SEPTIC TANK	=	305.5
EXIST. ELEV. @ DIST. BOX	=	303.3

NOTE : BASEMENT SEWERAGE TO BE PUMPED.



SITE PLAN
 SCALE: 1"=30'



VICINITY MAP
 SCALE: 1"=2000'

LEGEND:

- SSE — SUPER SILT FENCE
- A-3 — EARTH DIKE
- — LIMIT OF DISTURBANCE
- SCE — STABILIZED CONSTRUCTION ENTRANCE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

Developer's Signature: *Suzanne P. Davis* 8/26/98
 AGENT SUZANNE P. DAVIS
 DEVELOPER'S NAME

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Engineer's Signature: *R. Jacob Hillman* 8/26/98
 R. JACOB HILLMAN
 ENGINEER'S NAME

REVIEWED FOR HOWARD SOIL AND MEET TECHNICAL REQUIREMENTS.

USDA-NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE SOIL CONSERVATION DISTRICT.

HOWARD SCD DATE

PROJECT	DATE
88046	AUG. 1998
illustration	engineering
SJD	SJD
scale	approval
1"=30'	

HEYN PROPERTY, LOT 5
 (PLAT 13271)
 PLOT PLAN

MILDENBERG, BOENDER & ASSOC. INC.
 Engineers Planners Surveyors
 6072 Dorsey Hill Drive, Suite 202, Millersville, Maryland, 21042
 (410) 897-0296 Fax (301) 821-5521 Wash. (410) 797-0286 Fax

1 OF 2