

A/P

#129

Red Brown

yellow

SL

5-10%

RU

4'

Red Brown

yellow

Sh

↓

12'

#126

Red Brown

yellow

SL

4'

Red Brown

yellow

FSL

5-10%

RU

↓

13'

#30

Red Brown

yellow

SL

4'

Red Brown

yellow

FSL

↓

12'

#128

Red Brown

SL

3

Red Brown

yellow

FSL

↓

12'

#125

Red Brown

yellow

SL

4'

Red Brown

yellow

FSL

↓

12'

#128

Red Brown

yellow

Sh

3.5

Red Brown

yellow

Sh

↓

13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12-11-15	126	5/13	1:03	1:05	1:08	3min	P
12-11-15	129	5/12	1:02	1:07	1:11	4min	P
12-11-15	130	5/12	1:05	1:06	1:08		
	Repair		1:09	1:12	1:15	3min	P
12-11-15	128	4.5/13	1:16	1:18	1:21	3min	P
12-11-15	125	5/12	1:19	1:22	1:27	5min	P
12-11-15	127	5.5/12	1:28	1:33	1:36	3min	P

REMARKS

SANITARIAN

DBernard

BACKHOE

Jagles

OTHERS

Jake

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/BR

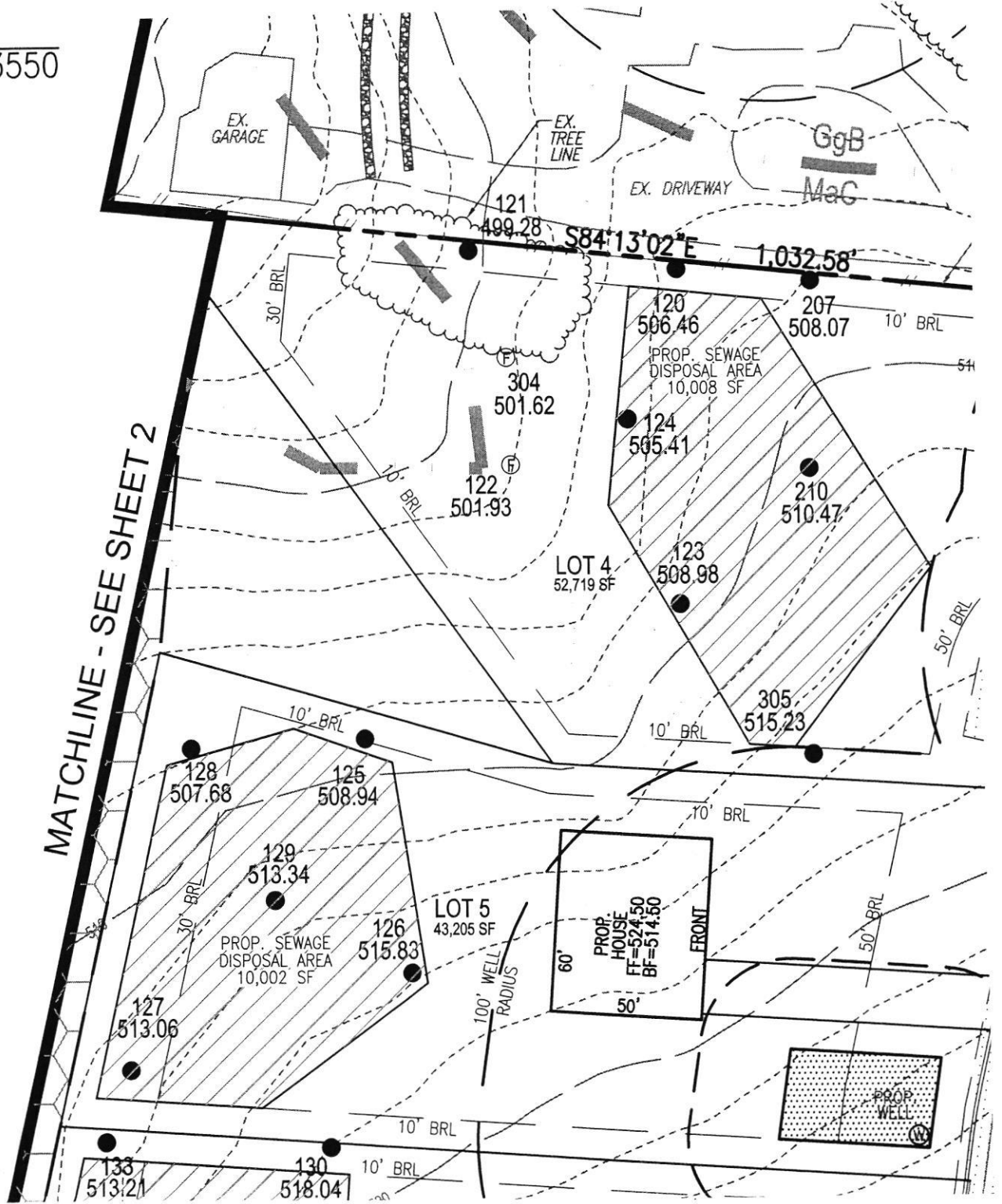
TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE SW

E
N 593550



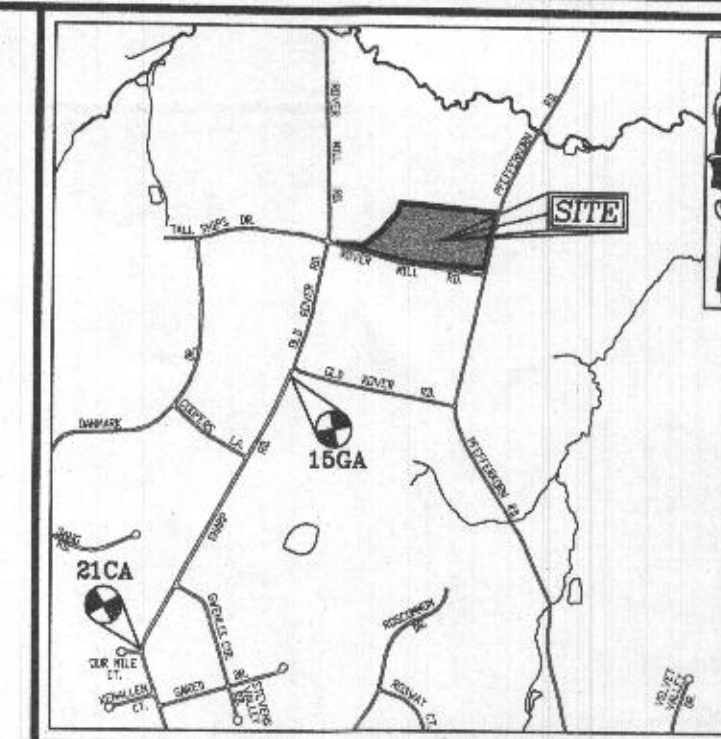
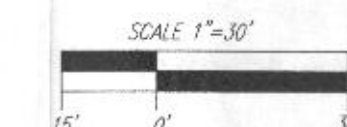
GENERAL NOTES

1. THIS SUBJECT PROPERTY IS ZONED RR-DEO.
2. THE PROJECT BOUNDARY IS BASED ON A FIELD RUN BOUNDARY SURVEY PREPARED BY ROBERT H. VOGEL ENGINEERING, INC., DATED SEPTEMBER 05, 2017.
3. DEED REFERENCE: LIBER 19082 FOLIO 490
4. THE EXISTING TOPOGRAPHY SHOWN HEREON IS TAKEN FROM FIELD RUN SURVEY WITH 2' CONTOUR INTERVALS PREPARED BY ROBERT H. VOGEL ENGINEERING, INC., DATED OCTOBER 2017. INFORMATION IS SUPPLEMENTED WITH HOWARD COUNTY GIS DATA.
5. SOIL TYPES SHOWN HEREON ARE FROM THE USDA WEB SOIL SURVEY.
6. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
7. ANY CHANGE TO A PRIVATE SEWERAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
8. ADJUSTMENT TO THE PRIVATE SEWERAGE AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
9. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
10. EXISTING WELLS AND/OR SEWERAGE AREAS AND COMPONENTS WITHIN 200 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
11. ALL BUILDING SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
12. THE PURPOSE OF THIS PERCOLATION CERTIFICATION REVISION PLAN IS TO ABANDON THE APPROVED WELL BOX ON LOT 5 AND TO CREATE TWO ALTERNATE WELL LOCATIONS IN ORDER TO ACCOMMODATE THESE CHANGES, A SMALL SECTION ON THE APPROVED SEWAGE DISPOSAL AREA ON LOT 4 MUST BE RECONFIGURED.



PLAN VIEW

SCALE: 1"=30'



VICINITY MAP

SCALE: 1"=2000'
AEC MAP: PAGE: 17 BLOCK: D4 & E4

BENCHMARKS

HOWARD COUNTY BENCHMARK 150A (CONC. MON.)
N 591743.48 E 1312790.80 ELEV. 587.64
LOCATION: NEAR NORTH END OF SHARP ROAD
(CUL DE SAC)
HOWARD COUNTY BENCHMARK 21CA (CONC. MON.)
N 588897.36 E 131235.78 ELEV. 612.60
LOCATION: CORNER OF SHARP RD. & OUR MILE CT.

LEGEND:

- PROPERTY LINE
- ADJACENT PROPERTY LINE
- RIGHT-OF-WAY LINE
- EXISTING EDGE OF PAVING
- EXISTING STREAM
- EXISTING STREAM BUFFER
- EXISTING TREELINE
- PROPOSED TREELINE
- EXISTING WETLANDS
- EXISTING WETLAND BUFFER
- PUBLIC 100-YEAR FLOODPLAIN, DRAINAGE & UTILITY EASEMENT
- PUBLIC FOREST CONSERVATION EASEMENT (AFFORESTATION)
- EXISTING METAL FENCE
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- PROPOSED 10' CONTOUR
- PROPOSED 2' CONTOUR
- APPROVED SEWAGE DISPOSAL AREA
- APPROVED SEWAGE DISPOSAL AREA (TO BE ABANDONED)
- PROPOSED SEWAGE DISPOSAL AREA
- APPROVED WELL AREA
- APPROVED WELL AREA (TO BE ABANDONED)
- EXISTING WELL LOCATION
- ALTERNATE WELL LOCATION
- PASSED PERC. TEST
- FAILED PERC. TEST

OWNER

SECURITY DEVELOPMENT, LLC
8480 BALTIMORE NATIONAL PKWY, SUITE 415
ELLICOTT CITY, MD 21043
(410) 465-4244

BUILDER

CATONSVILLE HOMES
11175 STRATFIELD COURT
MARRIOTTSVILLE, MD 21104
(410) 488-7800

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
GcB	CLAYEY LOAM, 3 TO 8 PERCENT SLOPES	B	28	NO
GcB	GLENNVILLE-SALE SILT LOAMS, 0 TO 8 PERCENT SLOPES	C	43	YES
GcB	GLENNVILLE-CODORUS SILT LOAMS, 0 TO 8 PERCENT SLOPES	C	43	YES
GcC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B	28	NO

-SOILS INFORMATION FROM USDA WEB SOIL SURVEY WEBSITE
-HOWARD COUNTY SOILS MAP NUMBER 11 - SYKEVILLE SW

NOTE:
HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT
OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR K GREATER THAN 0.35 AND WITH
A SLOPE GREATER THAN 5 PERCENT

THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECONSTRUCTION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.

COUNTY HEALTH OFFICER
DATE: 6/2/21

PERCOLATION CERTIFICATION:
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR, MD REG. NO. 21408
DATE: 05/24/2021

PERCOLATION CERTIFICATION REVISION PLAN

ROVER MILL ESTATES - LOT 4 & 5
3011 SKYE MEADOW WAY (LOT 4)
3007 SKYE MEADOW WAY (LOT 5)
WEST FRIENDSHIP, MD 21794

PARCEL: 189
TAX MAP: 15 GRID: 14
3RD ELECTION DISTRICT

ZONED: RR-DEO
L 19082 / F. 480
HOWARD COUNTY, MARYLAND

VOGEL ENGINEERING

TIMMONS GROUP

3300 NORTH RIDGE ROAD, SUITE 110, ELLICOTT CITY, MD 21043
P: 410.461.7666 F: 410.461.8961 www.timmons.com

DESIGN BY: RHY
DRAWN BY: JMR
CHECKED BY: RHY
DATE: MAY 2021
SCALE: AS SHOWN
W.O. NO.: 15-36

PROFESSIONAL CERTIFICATE
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. 16193, EXPIRATION DATE: 08-27-2022

1 SHEET OF 1

ROBERT H. VOGEL, PE No.16193

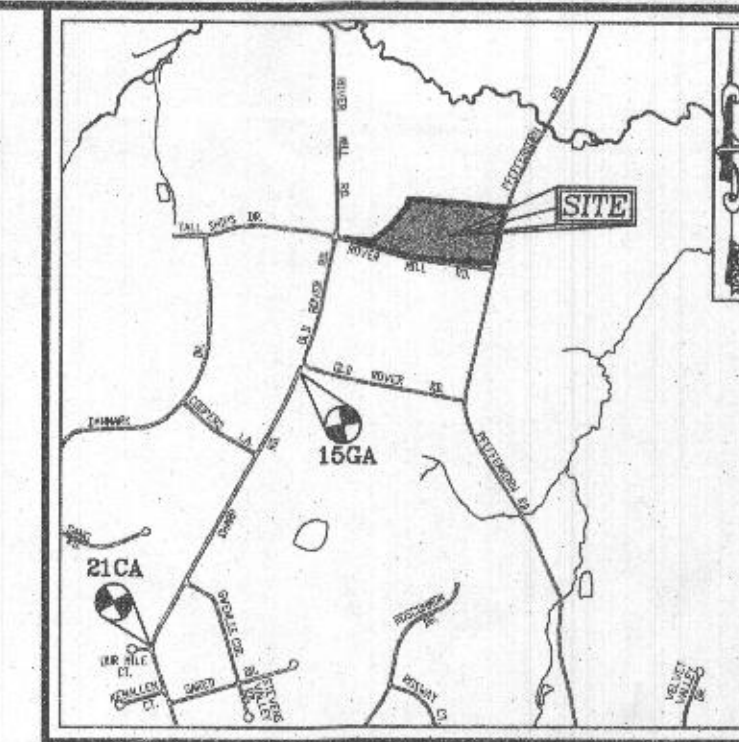
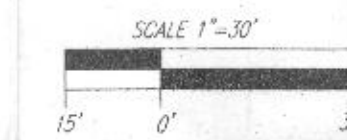
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SCALE: 1"=2000'
ADC MAP: PAGE: 17 BLOCK: D4 & E4

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PARCEL: 169
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ZONED: RR-DEO
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P: 410.461.7666 F: 410.461.8961 www.timmons.com

DESIGN BY: RHY
DRAWN BY: JMR
CHECKED BY: RHY
DATE: MAY 2021
SCALE: AS SHOWN
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ROBERT H. VOGEL, PE No.16193