## **GENERAL NOTES** THE PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED. BOUNDARY INFORMATION IS BASED ON A BOUNDARY SURVEY PREPARED BY VOGEL ENGINEERING + TIMMONS GROUP, DATED MAY, 2022. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS. 47C1 AND 47C4 WERE USED FOR THIS PROJECT. THE SUBJECT PROPERTY IS ZONED "R-12" IN ACCORDANCE WITH THE 10/6/2013 COMPREHENSIVE ZONING PLAN AND IS SUBJECT TO THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS EFFECTIVE 10/2/03 PER COUNCIL BILL 75-2003. NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT AREAS. 7. THIS PROPERTY IS WITHIN THE METROPOLITAN DISTRICT. -WATER SERVICE CONNECTION (WHC) FOR THIS PROJECT IS FROM PUBLIC CONTRACT NO. W-3. -SEWER SERVICE CONNECTION (SHC) FOR THIS PROJECT IS FROM PUBLIC CONTRACT NO. 128-S. THERE ARE NO FLOODPLAIN ON THE PROPERTY. 9. THERE ARE NO STEEP SLOPES OVER 20,000 CONTIGUOUS SQUARE FEET ON THE PROPERTY. 10. THIS PROPERTY IS LESS THAN 40,000 SF. FOREST CONSERVATION IS NOT REQUIRED FOR THIS PROPERTY. 11. THERE ARE NO WETLANDS, STREAMS OR BUFFERS PRESENT ON THE SITE. 12. SAVAGE GUILFORD ROAD IS PUBLIC ACCESS STREET. TO THE BEST OF THE OWNERS KNOWLEDGE, THERE ARE NO BURIAL GROUNDS OR CEMETERIES ON THIS PROPERTY. THERE IS NO HISTORIC STRUCTURE ON THIS LOT.

STORMWATER MANAGEMENT FOR THE PROJECT IS PROVIDED BY THE USE OF MICRO-SCALE PRACTICES AND ALTERNATIVE SURFACES IN ACCORDANCE WITH ENVIRONMENTAL SITE DESIGN CRITERIA SYSTEM. THE MICRO-SCALE PRACTICES USED ARE 2 MICRO BIO-RETENTION (M-6), AND THE ALTERNATIVE SURFACES USED IS PERMEABLE PAVEMENTS (A-2). THESE FACILITIES SHALL BE PRIVATELY

APPROVAL OF THIS ENVIRONMENTAL CONCEPT PLAN (ECP) DOES NOT CONSTITUTE AN APPROVAL OF ANY SUBSEQUENT AND ASSOCIATED SUBDIVISION PLAN/PLAT AND/OR SITE DEVELOPMENT PLAN AND/OR RED-LINE REVISION PLAN. REVIEW OF THIS PROJECT FOR COMPLIANCE WITH THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE HOWARD COUNTY ZONING

REGULATIONS SHALL OCCUR AT THE SUBDIVISION PLAN/PLAT AND/OR SITE DEVELOPMENT PLAN AND/OR RED-LINE REVISION PROCESS. THE APPLICANT AND CONSULTANT SHOULD EXPECT ADDITIONAL AND MORE DETAILED REVIEW COMMENTS (INCLUDING COMMENTS THAT MAY ALTER THE OVERALL SITE DESIGN) AS THIS PROJECT PROGRESSES THROUGH THE PLAN REVIEW PROCESS.

APPROVAL OF THIS ENVIRONMENTAL CONCEPT PLAN (ECP) BY THE HOWARD SOIL CONSERVATION DISTRICT DOES NOT GRANT APPROVAL OF THE PROPOSED SEDIMENT CONTROL SCHEME. THE FINAL PLAN SHALL INCLUDE A SEQUENCE OF CONSTRUCTION WHICH SHALL DETAIL SEDIMENT & EROSION CONTROLS AND PHASING AND ADDRESS THE PROJECT TEMPORARY STORMWATER MANAGEMENT REQUIREMENTS.

17. NO WAIVER PETITIONS FOR ENVIRONMENTAL DISTURBANCE OR ENCROACHMENTS ARE REQUIRED

**ENVIRONMENTAL SITE DESIGN NARRATIVE:** 

NATURAL DRAINAGE PATTERNS, WITH NO DRAMATIC CHANGES TO THE NATURAL DRAINAGE.

CONSERVATION IS NOT REQUIRED FOR THIS PROPERTY.

FUTURE SITE DEVELOPMENT PLAN PHASE OF THE PROJECT.

AND THE TOTAL RUNOFF VOLUME (ESDV) REQUIRED IS 757 CF.

ENCROACHMENTS ARE REQUIRED FOR THIS PROJECT.

PAVEMENTS (A-2).

SITE. THERE IS NO FOREST ON SITE. THIS PROPERTY IS LESS THAN 40,000 SF. AND FOREST

I. THE PROPERTY IS A GENERALLY LEVEL LOT. THERE IS NO WETLAND, STREAM, AND THEIR BUFFERS ON THE

2. THE SITE NATURALLY SLOPES FROM NORTH TO SOUTH. THE SITE HAS BEEN DESIGNED TO MAINTAIN THE

3. THE CONCEPTUAL REDUCTION IN IMPERVIOUS AREA THROUGH BETTER SITE DESIGN IS ACHIEVED THROUGH

4. SEDIMENT CONTROL FOR THIS SPECIFIC SITE PLAN WILL BE PROVIDED THROUGH THE USE OF SILT FENCE

5. STORMWATER MANAGEMENT FOR THE PROJECT SHALL BE MET THROUGH THE MICRO-SCALE PRACTICE OF MICRO BIO-RETENTION (M-6), AND PERVIOUS PAVEMENT (A-2). THE PROPOSED PRACTICES HAVE BEEN MAXIMIZED TO THE EXTENT PRACTICAL. THE CALCULATED RAINFALL TARGET (PE) FOR THIS PROJECT IS 1.6",

AND CLEAN WATER EARTH DIKE, SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH CURRENT REQUIREMENTS AND SHALL BE APPROVED BY THE HOWARD SOIL CONSERVATION DISTRICT DURING THE

6. NO WAIVER PETITIONS OR/AND ALTERNATIVE COMPLIANCE FOR ENVIRONMENTAL DISTURBANCE OR

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION V

CHIEF, DIVISION OF LAND DEVELOPMENT

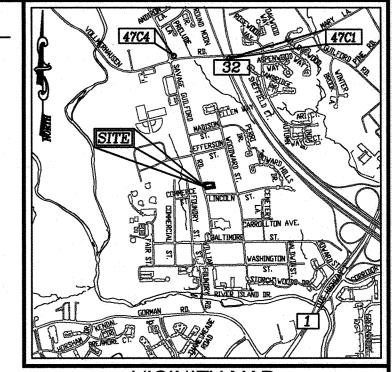
3.22.23

3/20/23 DATE

THE ENVIRONMENTAL SITE DESIGN (ESD) FOR THE PROJECT TO THE MAXIMUM EXTENT PRACTICABLE (MEP). THE RESULTS OF THE ENVIRONMENTAL SITE DESIGN FOR THIS PROJECT WILL REFLECT "WOODS IN GOOD CONDITION". THE ESD CONCEPT INCLUDES THE USE OF MICRO BIO-RETENTION (M-6) AND PERMEABLE

## ENVIRONMENTAL CONCEPT PLAN WHITEHEAD RESIDENCE 8327 SAVAGE GUILFORD ROAD HOWARD COUNTY, MD

**BENCHMARKS** HOWARD COUNTY BENCHMARK 47C1 N 539,613.714 E 1,362,608.438 ELEV.: 261.650 HOWARD COUNTY BENCHMARK 47C4 N 539,645.665 E 1,361,379.426 ELEV.: 288.807



ADC MAP COORDINATE: 40 - E4

## LEGEND: PROPERTY LINE - RIGHT-OF-WAY LINE EXISTING PAVING EXISTING UTILITY POLE EXISTING LIGHT POLE EXISTING SIGN EXISTING SANITARY MANHOLE EXISTING SANITARY LINE EXISTING CLEANOUT EXISTING FIRE HYDRANT EXISTING WATER LINE EXISTING STORM DRAIN MICRO BIO-RETENTION 4 4 4 4 EXISTING SIDEWALK PROPÓSED TEST PIT PERVIOUS PAVEMENT

SHEET INDEX	
DESCRIPTION	SHEET NO.
COVER SHEET AND ESDV CONCEPT PLAN	1 OF 2
STORMWATER MANAGEMENT DRAINAGE AREA MAP & DETAILS	2 OF 2

N	MAPPED S	OILS TY	PFS			
The state of the s		OILO I I	CDOUD	LIVEDIAL	Z EAOTOD	<15% SLOPE
SYMBOL NAME / DESCRIPTI	UN		GROUP	HYDRIC	K FACTOR	<b>POTENTIAL</b>
UcB Urban land-Chillum-Be				NO	0.43	YES
UcD Urban land-Chillum-Be	Itsville complex,5	to 15% slope	С	NO	0.43	YES
TAKEN FROM: USDA, SCS-WEB SOI	L SURVEY, HOWARD	COUNTY.				

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.

**OWNER** GENEVIE R. DICK 8922 BALTIMORE S SAVAGE, MD 20763

**DEVELOPER** JUSTIN WHITEHEAD 8236 WELLINGTON PLACE JESSUP, MD 20794 301-873-4676

REVISION ENVIRONMENTAL CONCEPT PLAN **COVER SHEET** AND ESDV CONCEPT PLAN

WHITEHEAD RESIDENCE 8327 SAVAGE GUILFORD ROAD L. 13840 F. 393

TAX MAP 47 GRID 11 6TH ELECTION DISTRICT

**VOGEL ENGINEERING** 

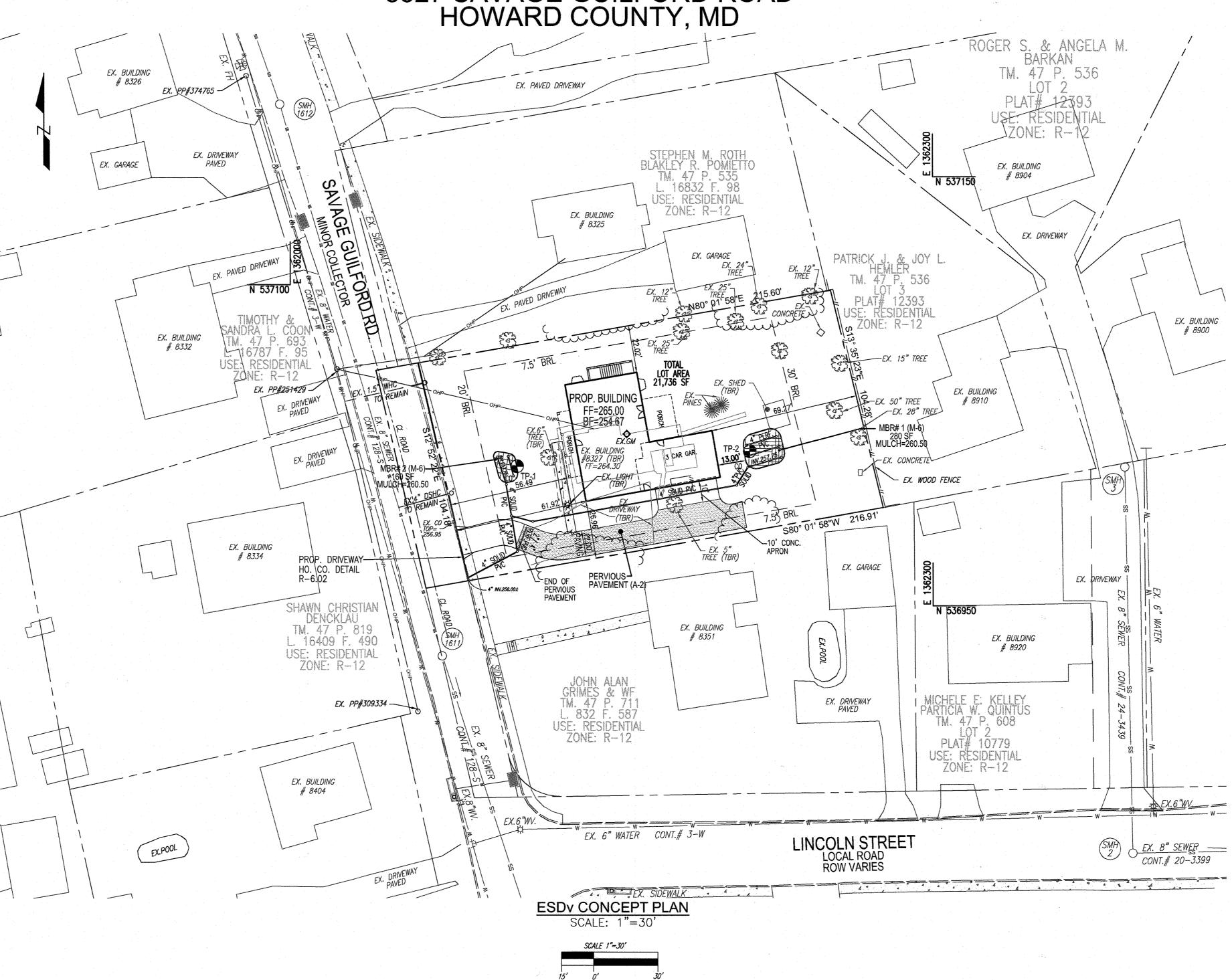
**TIMMONS GROUP** 

P: 410.461.7666 F: 410.461.8961 www.timmons.com



SHEET OF

PARCEL 547 - ZONED: R-12 HOWARD COUNTY, MARYLAND



TOTAL PROJECT AREA: NET AREA OF PROJECT: AREA OF WETLANDS AND WETLAND BUFFERS: AREA OF FLOODPLAIN: AREA OF FOREST:

DPZ FILE REFERENCES:

AREA OF MODERATE SLOPES (15% TO 24.99%): AREA OF STEEP SLOPES (25% OR GREATER): ERODIBLE SOILS: LIMIT OF DISTURBED AREA: PROPOSED USES FOR SITE AND STRUCTURES: GREEN OPEN AREA: PROPOSED IMPERVIOUS AREA: PRESENT ZONING DESIGNATION:

PROJECT Whitehead Residence

DESIGNER KG-RHV

DATE 09/08/22

SITE ANALYSIS DATA CHART

0.00 AC. 0.00 AC. 0.00 AC. 0.00 AC. 0.34 AC. RESIDENTIAL 0.38 AC. (OPEN AND ENVIRONMENTAL) 0.12 AC. R-12 N/A

21,736 SF/0.50 AC.

0.00 AC.

TIMMONS GROUP + VOGEL ENGINEERING

Whitehead Residence

8200 1 0 0 373 0 0 0

TREATED NUMBER PAVEMENT ASPHLAT BIORTENTION SWALE SWALE ROOFTOP DISCONNECT WELL

**ENVIRONMENTAL SITE DESIGN PRACTICE (CF)** 

