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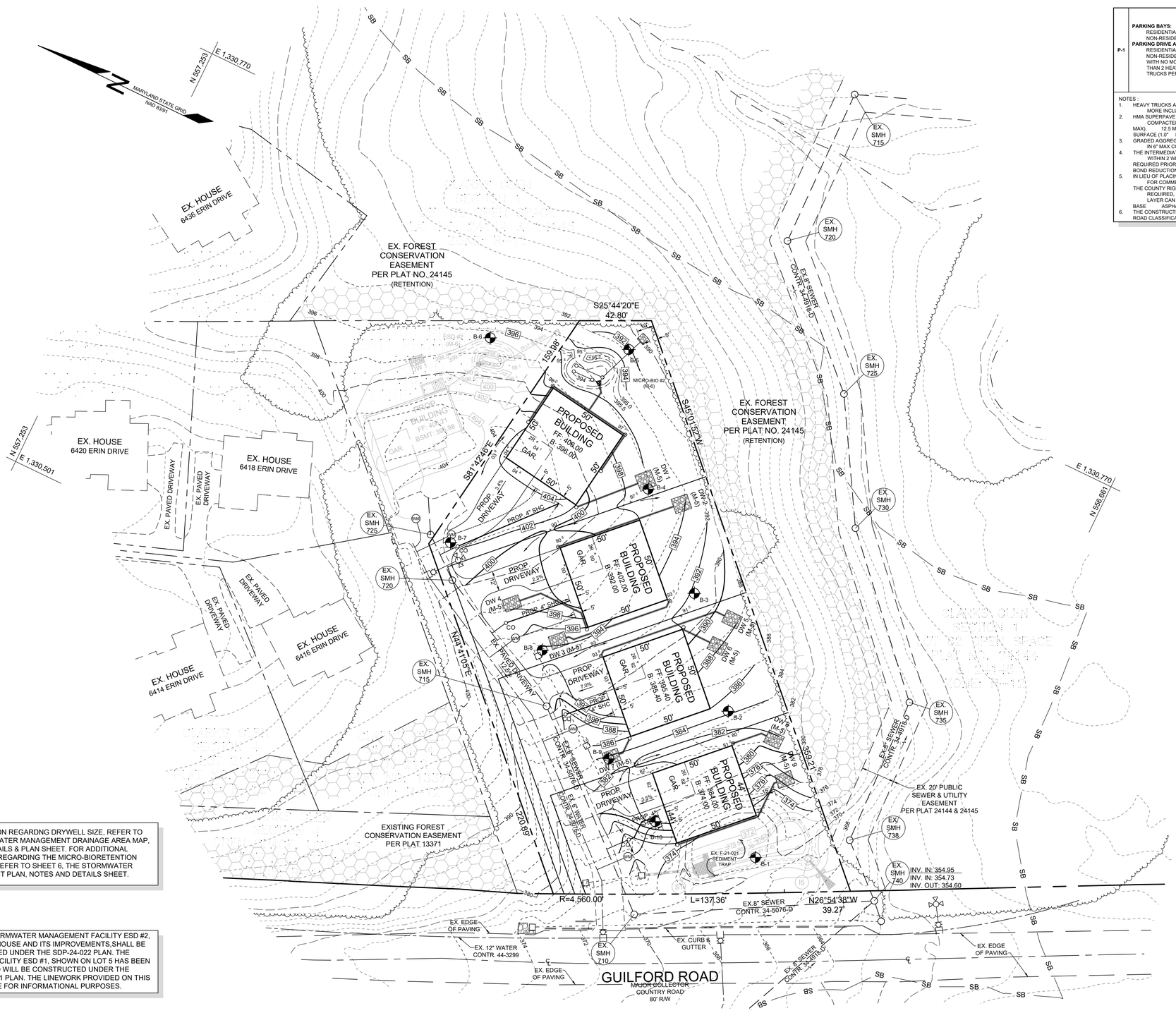


PLAN VIEW

SCALE: 1"=30'

P-1	**PARKING BAYS:** RESIDENTIAL AND NON-RESIDENTIAL **PARKING DRIVE AISLES:** RESIDENTIAL AND NON-RESIDENTIAL WITH NO MORE THAN 2 HEAVY TRUCKS PER DAY	HMA SUPERPAVE FINAL SURFACE 9.5 MM, PG 64-22, LEVEL 1 (ESAL)	1.5	1.5	1.5	1.5	1.5	1.5
		HMA SUPERPAVE INTERMEDIATE SURFACE (NA)	N/A	N/A	N/A	N/A	N/A	N/A
		HMA SUPERPAVE BASE 19.0 MM, PG 64-22 LEVEL 1 (ESAL)	2.0	2.0	2.0	3.5	3.0	2.5
		GRADED AGGREGATE BASE (GAB)	8.5	7.0	5.0	4.0	4.0	4.0

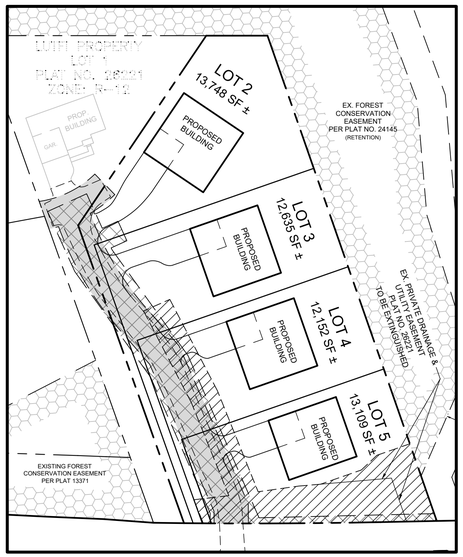
NOTES :

1. HEAVY TRUCKS ARE DEFINED AS THOSE WITH SIX (6) WHEELS OR MORE INCLUDING GARBAGE TRUCKS.
2. HMA SUPERPAVE LAYERS SHALL BE PLACED IN APPROPRIATE COMPACTED LIFT THICKNESS: 19.0 MM BASE (2.0" MIN TO 4.0" MAX), 12.5 MM SURFACE (1.5" MIN TO 3.0" MAX), AND 9.5 MM SURFACE (1.0" MIN TO 2.0" MAX).
3. GRADED AGGREGATE BASE (GAB) TO BE PLACED AND COMPACTED IN 6" MAX COMPACTED THICKNESS LAYERS.
4. THE INTERMEDIATE SURFACE COURSE LAYER MUST BE PLACED WITHIN 2 WEEKS OF PLACEMENT OF BASE COURSE, AND IS REQUIRED PRIOR TO SUBSTANTIAL COMPLETION INSPECTION AND BOND REDUCTION.
5. IN LIEU OF PLACING THE INTERMEDIATE SURFACE COURSE LAYER FOR COMMERCIAL / INDUSTRIAL ENTRANCE APRONS WITHIN THE COUNTY RIGHT-OF-WAY WHERE AUXILIARY LANES ARE NOT REQUIRED, THE THICKNESS OF THE INTERMEDIATE PAVEMENT LAYER CAN BE ADDED TO THE REQUIRED THICKNESS OF THE BASE ASPHALT LAYER.
6. THE CONSTRUCTION DRAWINGS SHALL SHOW THE PAVING SECTION, ROAD CLASSIFICATION AND CRB VALUE FOR EACH ROADWAY..

HMA SUPERPAVE FINAL SURFACE
HMA SUPERPAVE INTERMEDIATE SURFACE
HMA SUPERPAVE BASE
GRADED AGGREGATE BASE (GAB)

LEGEND

- EXISTING CONTOUR GIS — 382
- EXISTING CONTOUR FIELD RUN — 382
- PROPOSED CONTOUR — 382
- EXISTING TREELINE
- EXISTING CENTERLINE
- EXISTING FOREST CONSERVATION EASEMENT
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING WATER METER — WM
- EXISTING SEWER CLEANOUT — CO
- EXISTING SEWER MANHOLE — EX. SMH 715
- EXISTING RIPRAP
- SOIL BORINGS COMPLETED UNDER F-21-021 — B-1
- PROPOSED DRYWELL (M-5) AND ROOFLEADER — DW 1
- PROPOSED 1 1/2" WATER HOUSE CONNECTION
- PROPOSED RANGE OF ADDRESS SIGN



EASEMENT PLAN VIEW

SCALE: 1"=50'

- EXISTING VARIABLE WIDTH PUBLIC WATER, SEWER, AND UTILITY EASEMENT PER PLAT 26221
- PROPOSED PRIVATE DRAINAGE, UTILITY, AND STORMWATER MANAGEMENT EASEMENT
- EXISTING PRIVATE VARIABLE WIDTH USE-IN-COMMON EASEMENT PER PLAT 26221

FOR INFORMATION REGARDNG DRYWELL SIZE, REFER TO SHEET 5, STORMWATER MANAGEMENT DRAINAGE AREA MAP, NOTES, DETAILS & PLAN SHEET. FOR ADDITIONAL INFORMATION REGARDING THE MICRO-BIORETENTION FACILITY #2, REFER TO SHEET 6, THE STORMWATER MANAGEMENT PLAN, NOTES AND DETAILS SHEET.

ON LOT 1, THE STORMWATER MANAGEMENT FACILITY ESD #2, THE PROPOSED HOUSE AND ITS IMPROVEMENTS,SHALL BE CONSTRUCTED UNDER THE SDP-24-022 PLAN. THE BIO-RETENTION FACILITY ESD #1, SHOWN ON LOT 5 HAS BEEN BONDED AND WILL BE CONSTRUCTED UNDER THE APPROVED F-21-021 PLAN. THE LINEWORK PROVIDED ON THIS SHEET ARE FOR INFORMATIONAL PURPOSES.

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 INCH = 30 FEET

OWNER/DEVELOPER

LLU, LLC
12143 CLARKSVILLE PIKE
CLARKSVILLE, MARYLAND 21029
C/O RON BAQUOL
RLBDEVLLC2@GMAIL.COM
443-250-7272

GRADING PLAN
LUTFI PROPERTY

LUTFI PROPERTY LOTS 2 THRU 5, A RESUBDIVISION OF NON-BUILDABLE BULK PARCEL 'A' AS SHOWN ON PLAT NUMBER 26221 LUTFI PROPERTY LOT 1 AND NON-BUILDABLE BULK PARCEL 'A'

TAX MAP 35 GRID 13 — PARCEL 56
5TH ELECTION DISTRICT — HOWARD COUNTY, MARYLAND

STATE OF MARYLAND — PAUL M. SILL — No. 32025 — PROFESSIONAL ENGINEER

SILL ENGINEERING GROUP, LLC
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Woodbine, Maryland 21797
Phone: 443.325.5076
Fax: 410.696.2022
Email: info@sillengineering.com
Civil Engineering & Surveying for Land Development

DESIGN BY:	PS
DRAWN BY:	TB
CHECKED BY:	PS
SCALE:	AS SHOWN
DATE:	JULY 3, 2024
PROJECT #:	23-065
SHEET #:	3 of 8

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. 32025. EXPIRATION DATE JUNE 20, 2025

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

DocuSigned by: Child Edmondson 7063E7E4EE4449... CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE 7/26/2024
DocuSigned by: CHIEF, DIVISION OF LAND DEVELOPMENT	DATE 7/26/2024

NO.	DESCRIPTION	DATE

REVISIONS

F-24-030