

ADC MAP 24 GRID F6 THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE OCTOBER 6, 2013 ZONING REGULATIONS

VICINITY MAP

LOCATION: TAX MAP: 28 GRID: 9 PARCEL: 48 NON-BUILDABLE BULK PARCELS C AND G

LIMIT OF DISTURBED AREA: 1.49 AC.± PROPOSED USE FOR SITE: RESIDENTIAL TYPE OF PROPOSED UNIT: SFD DEED REFERENCE: 5891 / 307

PREVIOUS DPZ FILE #S: ECP-13-026, SP-13-010, F-14-095, ECP-16-050, F-16-022 WP-17-089 HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND

STATE PLANE COORDINATE SYSTEM AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 28EA & 28EB

STA. No. 28EA N 572,158.9652 E 1,319,400.6816 EL. 485.012 STA. No. 28EB N 569,357.3657 E 1,322,113.5747 EL. 536.733

TOPOGRAPHY WITHIN 200' OF SITE BOUNDARY SHOWN HEREON IS BASED ON AERIAL SURVEY FLOWN BY WINGS TOPOGRAPHY INC. DATED ON OR ABOUT MARCH 2007. TOPOGRAPHY WAS FIELD VERIFIED IN NOVEMBER 2012. OFF SITE TOPOGRAPHY SHOWN IS BASED ON HOWARD COUNTY GIS. MILDENBERG, BOENDER & ASSOCIATES, INC. CERTIFIES THAT THE ON SITE TOPOGRAPHY ILLUSTRATED ON THE PLAN IS AN ACCURATE REPRESENTATION OF FIELD CONDITIONS.

SOILS LOCATION AND CLASSIFICATION BASED ON HOWARD COUNTY GIS SOIL SURVEY DATA THIS AREA DESIGNATES A SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQ.FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL

SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. 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 SEWAGE DISPOSAL AREA, AND RECORDATION OF A MODIFIED EASEMENT

7. NO CEMETERIES OR BURIAL GROUNDS EXISTS ON-SITE.

8. NO HISTORIC DISTRICTS ARE ADJACENT TO THIS SITE. SITE IS NOT ADJACENT TO A DESIGNATED

9. WETLANDS AND FOREST STAND DELINEATION WAS PREPARED BY ECO-SCIENCE PROFESSIONALS,

10. FOREST CONSERVATION OBLIGATIONS IN ACCORDANCE WITH SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT FOR THIS SUBDIVISION WILL BE FULFILLED BY ON-SITE FOREST CONSERVATION (0.30 ACRES OF RETENTION AND 1.50 ACRES REFORESTATION) FINANCIAL SURETY FOR REFORESTATION IN THE AMOUNT OF \$32,670.00 WILL BE PROVIDED WITH

11. NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, OR PLACEMENT OF NEW STRUCTURES IS PERMITTED WITHIN THE LIMITS OF WETLANDS, STREAMS, OR THEIR BUFFERS, FLOODPLAINS, OR FOREST CONSERVATION EASEMENT AREAS EXCEPT AS SHOWN ON THE APPROVED ROAD CONSTRUCTION PLANS. 12. LANDSCAPING FOR LOTS 26 AND 27 IS IN COMPLIANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE 274 LINEAR FEET OF

PRIVACY FENCE IN THE AMOUNT OF \$2,740.00 WILL BE POSTED WITH THE GRADING PERMIT APPLICATION. 13. DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO ENSURE SAFE ACCESS

FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS: A) WIDTH - 12 FEET (16 FEET MIN. OR WIDER SERVING MORE THAN ONE RESIDENCE). SURFACE - 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2"). GEOMETRY - MAX. 15% GRADE, MAX. 10% GRADE CHANGE AND MIN. OF 45 FOOT TURNING RADIUS. STRUCTURES (CULVERT/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING). DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD PLAIN WITH NO MORE THAN 1 FOOT OF DEPTH OVER DRIVEWAY SURFACE. STRUCTURE CLEARANCES - MINIMUM 12 INCHES

14. STORMWATER MANAGEMENT IS PROVIDED BY ROOFTOP DISCONNECTIONS (N-1), NON-ROOFTOP DISCONNECTIONS (N-2) AND MICRO-BIORETENTION FACILITY (M-6) IN ACCORDANCE WITH THE 2007 MARYLAND STORMWATER DESIGN MANUAL. ALL SWM PRACTICES WILL BE PRIVATELY

15. PRIVATE WATER AND PRIVATE SEWERAGE WILL BE UTILIZED.

16. THIS MAJOR SUBDIVISION PLAN IS LOCATED IN THE DESIGNATED TIER III GROWTH AREA OF HOWARD COUNTY PER THE PLAN HOWARD 2030 TIER MAP AND IT WOULD BE SUBJECT TO STATE BILL SB-236; HOWEVER, IT IS CONSIDERED TO BE GRANDFATHERED BECAUSE THE PROPERTY OWNER HAD APPLIED FOR A SOIL PERCOLATION TEST APPLICATION AND HAD SUBMITTED A PERCOLATION TEST PLAN TO THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO JULY 1, 2012.

17. THE DESIGN OF THIS CLUSTER SUBDIVISION REFLECTS THE INTENDED USE OF THE PROPOSED PRESERVATION AREAS. (PARCELS '1' AND J' - ENVIRONMENTAL / FORESTATION. THE PRESERVATION PARCELS, AS DESIGNED, WILL FUNCTION FOR THEIR INTENDED USE AND THE CLUSTER LOT ARRANGEMENT WILL MINIMIZE ADVERSE IMPACTS TO ADJACENT PRESERVATION PARCELS (FOREST CONSERVATION AND FARMING). THE CONFIGURATION OF THE PRESERVATION PARCELS WILL SERVE TO PROHIBIT IMPACTS TO THE ENVIRONMENTALLY SENSITIVE AREAS OF THE SITE (FLOODPLAIN AND WETLANDS) IN THE NORTHERN PORTION OF THE SITE.

18. THE CLUSTER SUBDIVISION HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 105.G OF THE 10/6/13 HOWARD COUNTY ZONING REGULATIONS. THE PRESERVATION PARCELS ARE CREATED WITH AN APPROPRIATE AREA TO ENSURE THAT THE OVERALL DENSITY OF THE PROJECT DOES NOT EXCEED ONE CLUSTER LOT PER 4.25 ACRES OF GROSS AREA.

19. THE 65 dBA CONTOUR LINE DRAWN ON THIS SUBDIVISION PLAN IS ADVISORY AS REQUIRED BY THE HOWARD COUNTY DESIGN MANUAL, CHAPTER 5, REVISED FEBRUARY, 1992 AND CANNOT BE CONSIDERED TO EXACTLY LOCATE THE 65 dbg NOISE EXPOSURE. THE 65 dbg NOISE LINE ESTABLISHED BY HOWARD COUNTY TO ALERT DEVELOPERS, BUILDERS, AND FUTURE RESIDENTS THAT AREAS BEYOND THIS THRESHOLD MAY EXCEED GENERALLY ACCEPTED NOISE LEVELS ESTABLISHED BY THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT. 20. NOISE STUDY WAS PREPARED BY MILDENBERG, BOENDER & ASSOC., INC. DATED NOVEMBER 2016.

21. PER SECTION 4.2.A. OF VOLUME III OF THE HOWARD COUNTY DESIGN MANUAL, AN APFO ROAD TEST IS NOT REQUIRED FOR THIS PROJECT SINCE THE SITE IS LOCATED MORE THAN TWO MILES FROM A MINOR COLLECTOR- MINOR COLLECTOR INTERSECTION.

NUMBER OF LOTS PERMITTED (1/4.25 AC): 31 LOTS NUMBER OF LOTS PROPOSED UNDER (F-14-095): 25

AREA RESERVED FOR THE REMAINING LOTS (BULK PARCEL 'K'): 12.75 AC. 23. A PRE-SUBMISSION COMMUNITY MEETING FOR THIS PROJECT WAS HELD ON DECEMBER 9, 2015

AT 6:00PM AT THE CLARKSVILLE FIRE STATION. 24. MIHU'S ARE REQUIRED FOR THIS PROJECT. IN ACCORDANCE WITH SECTION 108.0.E. OF THE 10/06/13

COMPREHENSIVE ZONING REGULATIONS, THIS SUBDIVISION IS SUBJECT TO MODERATE INCOME HOUSING UNITS. THE MIHU OBLIGATION FOR THIS DEVELOPMENT WILL BE PROVIDED BY A PAYMENT OF FEE-IN-LIEU TO THE HOWARD COUNTY HOUSING DEPARTMENT. FOR EACH UNIT OR PORTION OF THE UNITS REQUIRED BY THE DEVELOPMENT.

25. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT. 26. THIS PROJECT IS SUBJECT TO WAIVER PETITION WP-17-089, WHICH WAS APPROVED BY THE

SECTION 16.1205(a)(7) TO ALLOW REMOVAL OF SEVEN (7) SPECIMEN TREES 30" OR GREATER IN DIAMETER. APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS: RÉMOVAL OF THE SEVEN (7) SPECIMEN TREES WILL REQUIRE REPLACEMENT MITIGATION AT A RATIO OF TWO (2) LARGER CALIPER TREES (AT LEAST THREE (3) INCHES DBH) FOR EACH

SPECIMEN TREE REMOVED (FOURTEEN TREES TOTAL). THE MITIGATION PLANTING CAN BE PROVIDED AS PART OF THE REQUIRED PERIMETER LANDSCAPING FOR THIS PROJECT. WITH THE FINAL PLAN/SUPPLEMENTAL PLAN FOR THIS PROPERTY, YOU MUST INCLUDE PLAN SHEETS THAT SHOW HOW YOU PLAN TO ADDRESS THIS ALTERNATIVE FOREST CONSERVATION/LANDSCAPE

PROPOSED NON-BUILDABLE PRESERVATION PARCEL "J" WILL BE DEDICATED TO THE GREENBERRY HOMEOWNERS ASSOCIATION INC. IT ADJOINS EXISTING PRESERVATION PARCEL "B" WHICH IS ALSO OWNED BY GREENBERRY HOMEOWNERS ASSOCIATION INC. IT WAS DETERMINED BY DPZ ON MAY 30. 2017 THAT NO PUBLIC ROAD FRONTAGE IS REQUIRED FOR PRESERVATION PARCEL "J".

## MICRO-BIORETENTION SCHEDULE

| FACILITY | TOP EL. | WEIR EL. | INV. IN<br>UNDERDRAIN | INV. OUT<br>UNDERDRAIN | AREA AT<br>TOP EL. | AREA AT<br>BERM EL. | BERM EL |
|----------|---------|----------|-----------------------|------------------------|--------------------|---------------------|---------|
| LOT 26   | 525.00  | 526.00   | 522.17                | 521.70                 | 340 SF             | 640 SF              | 256.50  |

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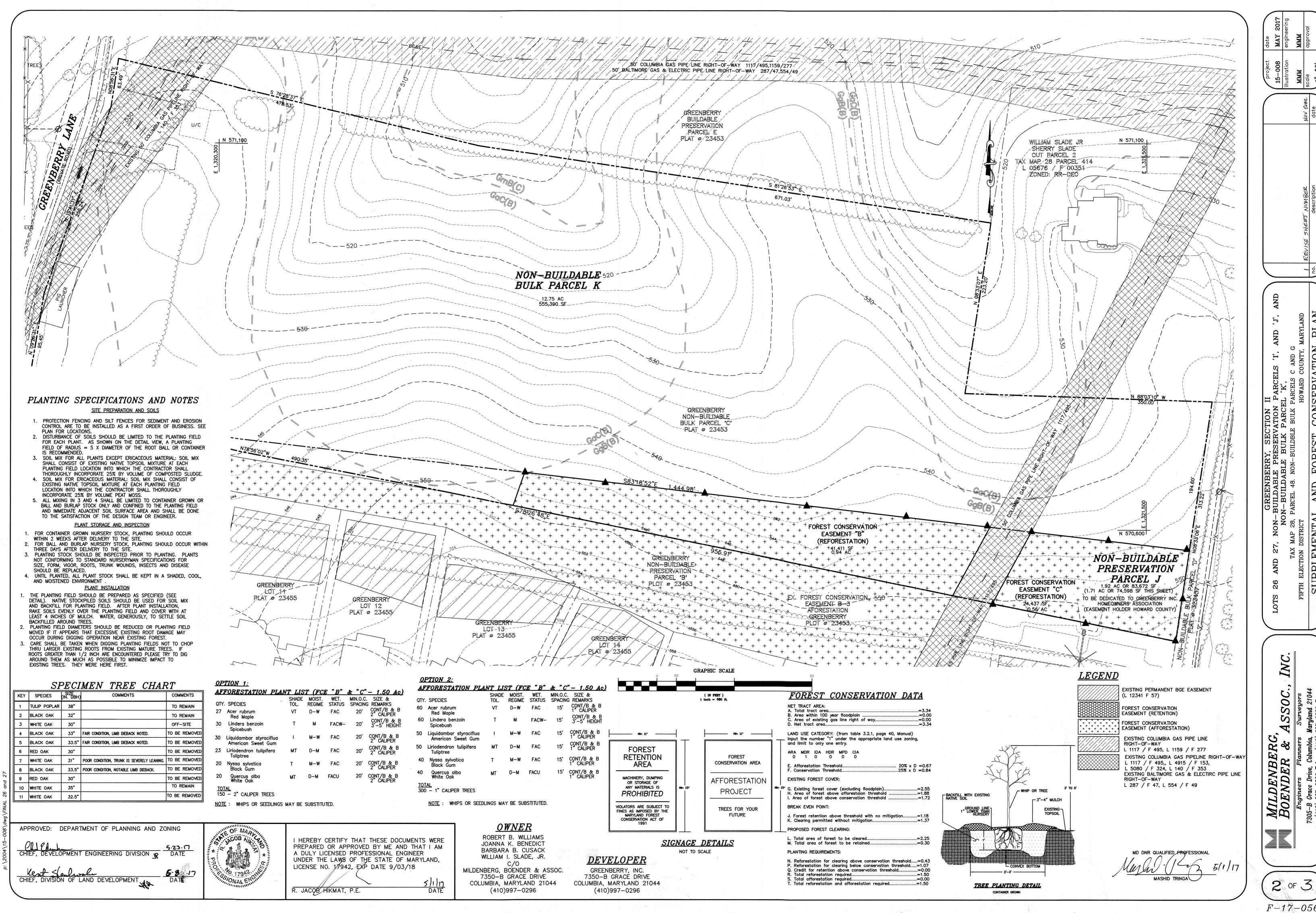
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<u>LEGEND</u>

EXIST. TREE LINE

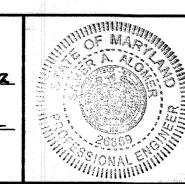
SCE STABILIZED CONSTRUCTION ENTRANCE 

LIMITS OF DISTURBANCE

PROPOSED IMPERVIOUS AREA EXISTING FOREST CONSERVATION EASEMENT

POTABLE WATER WELL TRENCH DESIGNATION

APPROVED: DEPARTMENT OF PLANNING AND ZONING CHIEF, DEVELOPMENT ENGINEERING DIVISION N 12.5.22 DATE 12/8/22 DATE CHIEF, DIVISION OF LAND DEVELOPMENT



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. 26859, EXP DATE 08/08/23

SAMER A. ALOMER, P.E.

OWNER
GADANI ANVI
GADANI MARUT
3691 DUCKHORN WAY
LAUREL MD 20724
410-997-0296

THE PURPOSE OF THIS PLAN IS TO SHOW THE FINAL GRADING, SEDIMENT CONTROL AND STORMWATER MANAGEMENT FOR LOT 27.

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