

- FOREST CONSERVATION WORKSHEET**
- NET TRACT AREA**
- A. TOTAL TRACT AREA A=2.00 Ac
 - B. AREA WITHIN 100-YEAR FLOODPLAIN B=0.00 Ac
 - C. AREA TO REMAIN UNDEVELOPED C=0.00 Ac
 - D. NET TRACT AREA D=(A-B-C) D=2.00 Ac
- LAND USE CATEGORY (FROM TABLE 3.2.1 PAGE 40 IN MANUAL)**
- E. AFFORESTATION THRESHOLD Dk15 E=0.30 Ac
 - F. CONSERVATION THRESHOLD Dk19 F=0.30 Ac
- EXISTING FOREST COVER**
- G. EXISTING FOREST COVER (EXCLUDING FLOODPLAIN) G=0 Ac
 - H. AREA OF FOREST ABOVE AFFORESTATION THRESHOLD (1) IF GSE THEN H=0 AND I=0, GOTO L (2) IF GSE THEN H=0-E, GOTO I
 - I. AREA OF FOREST ABOVE CONSERVATION THRESHOLD (1) IF GSF THEN I=0, GOTO L (2) IF GSF THEN I=0-F, GOTO J
- BREAK EVEN POINT**
- J. FOREST RETENTION ABOVE THRESHOLD WITH NO MITIGATION (1) IF I=0 THEN J=(0.2M)+F, GOTO K (2) IF I=0 THEN J=0, GOTO K
 - K. CLEARING PERMITTED WITHOUT MITIGATION (K=0-1) K=0 Ac
- PROPOSED FOREST CLEARING**
- L. TOTAL AREA OF FOREST TO BE CLEARED L=0 Ac
 - M. TOTAL AREA OF FOREST TO BE RETAINED (M=G-L) M=0 Ac
- PLANTING REQUIREMENTS**
- N. REFORESTATION FOR CLEARING ABOVE THE CONSERVATION THRESHOLD N=0 Ac (1) IF L=M THEN N=0, P=0, Q=0, R=0, S=0, GOTO T (2) IF L=M THEN N=Lx0.25, P=0, GOTO O (3) IF MSF THEN N=Lx0.25, GOTO P
 - O. REFORESTATION FOR CLEARING BELOW THE CONSERVATION THRESHOLD P=0 Ac (1) IF GOF AND MSF THEN P=0, Q=0, GOTO R (2) IF GOF AND MSF THEN P=2.0(M-F), Q=0, GOTO R (3) IF GOF THEN P=2.0L, Q=0, GOTO R
 - Q. CREDIT FOR RETENTION ABOVE THE CONSERVATION THRESHOLD Q=0 Ac (1) IF M=F THEN Q=M-F, GOTO R (2) IF MSF THEN P=2.0L, Q=0, GOTO R
 - R. TOTAL REFORESTATION REQUIRED (1) IF Q=N AND M=E THEN R=0, S=0, GOTO T (2) IF Q=N AND M=E THEN R=(N+P)-Q, S=0, GOTO T (3) IF Q=N AND M=E THEN R=N+P, GOTO S
 - S. TOTAL AFFORESTATION REQUIRED (1) IF M=E THEN S=M-E, GOTO T (2) IF M=E THEN S=0, GOTO T
 - T. TOTAL REFORESTATION AND AFFORESTATION REQUIREMENT T=(R+S) T=0.30 Ac
- NOTE: USE 0 FOR ALL NEGATIVE NUMBERS THAT RESULT FROM CALCULATIONS

FOREST CONSERVATION AREA TABULATION

TOTAL TRACT AREA	87,120 SQ. FT. OR 2.00 AC.
LESS DEDICATIONS	0 SQ. FT. OR 0.00 AC.
NET TRACT AREA	87,120 SQ. FT. OR 2.00 AC.
NET TRACT AREA OF FOREST COVER	0.00 SQ. FT./AC.
PROPOSED FOREST CLEARING	0.00 SQ. FT./AC.
TOTAL PLANTING REQUIRED	13,068 SQ. FT. OR 0.30 AC.

FOREST CONSERVATION PROPOSAL

THE PLANTING REQUIREMENT FOR THIS PROJECT IS < 10,000 SQUARE FEET AND THERE ARE NO PRIORITY PLANTING AREAS AT THE SITE. THE APPLICANT PROPOSES TO CONTRIBUTE TO THE EMMITSBURG FOREST CONSERVATION FUND TO MEET THE SITE'S AFFORESTATION REQUIREMENT.

THE CONTRIBUTION TO THE EMMITSBURG FOREST CONSERVATION FUND IS CALCULATED AS FOLLOWS:

PLANTING REQUIRED = 0.30 ACRE OR 13,068 SQ. FT. X \$0.305/SQ. FT. = \$3,985.74.

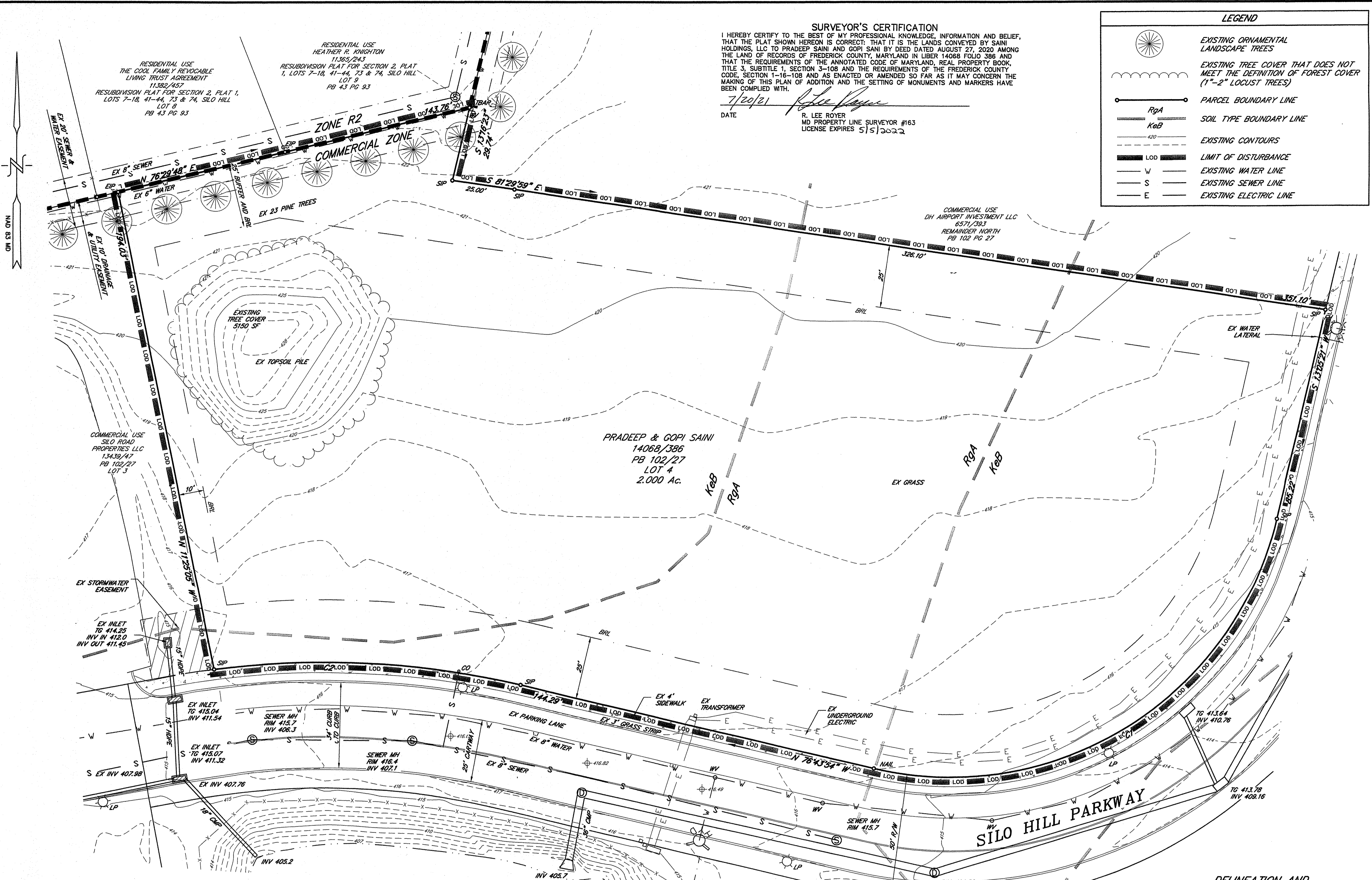
THE CONTRIBUTION TO THE EMMITSBURG FOREST CONSERVATION FUND IN THE AMOUNT OF \$3,985.74 SHALL BE PAID IN FULL AT THE TIME WITHIN NINETY (90) CALENDAR DAYS OF THE APPROVAL OF THE SITE PLAN.

APPROVED
EMMITSBURG PLANNING COMMISSION

APPROVED
EMMITSBURG MAYOR

8/13/21
DATE

8/11/21
DATE



FOREST STAND DELINEATION NARRATIVE

THE SITE (TAX MAP 300, PARCEL 1894) IS LOCATED ALONG THE NORTHERN SIDE OF SILO HILL PARKWAY IN EMMITSBURG, FREDERICK COUNTY, MARYLAND. THE SITE IS ADJACENT TO SILO HILL PARKWAY, EMMITSBURG, MARYLAND 21727. THE SITE IS LOCATED AT APPROXIMATELY 39°42'4.96\" N LATITUDE 77°18'54.29\" W LONGITUDE (DATUM WGS 84). THE FREDERICK COUNTY, MARYLAND ALEXANDRIA DRAFTING COMPANY (ADC) STREET MAP BOOK MAP NUMBER AND GRID COORDINATE FOR THE SITE ARE 3 AND K-5 RESPECTIVELY. THE SITE IS IN ELECTION DISTRICT 5 AND IS ZONED GENERAL COMMERCIAL (G-C-2).

THE SITE IS LOCATED IN THE MIDDLE POTOMAC RIVER AREA WATERSHED WITHIN THE UPPER MONOCACY RIVER WATERSHED (HUC-8 02140303). ACCORDING TO THE USGS 7.5-MINUTE SERIES TOPOGRAPHIC MAP AND THE NATIONAL WETLANDS INVENTORY (NWI) MAPPER THERE ARE NO SURFACE WATER FEATURES OR WETLAND HABITATS AT THE SITE. ACCORDING TO FLOOD INSURANCE RATE MAP (FIRM) NO. 24021C0050D, EFFECTIVE ON 09/19/2007 THE SITE IS IN AN AREA OF MINIMAL FLOOD HAZARD (ZONE X).

THE SOIL SURVEY OF FREDERICK COUNTY, MARYLAND IDENTIFIES THE MAPPED SOILS AT THE SITE AS KeB - KILNESVILLE VERY CHANNERY LOAM AND RgA - READINGTON SILT LOAM, WHICH ARE NOT FLOODPLAIN SOILS. KeB HAS A HYDRIC RATING OF 0, WHILE RgA HAS A HYDRIC RATING OF 3. BOTH SOIL TYPES ARE LISTED AS FARMLAND AS STATEWIDE IMPORTANCE, BUT NOT PRIME FARMLAND. KeB HAS A K FACTOR (WHOLE SOIL) OF 0.80, WHILE RgA HAS A K FACTOR (WHOLE SOIL) OF 0.43. HOWEVER, THERE ARE NO AREAS OF ERODIBLE SOILS WITH A K FACTOR VALUE GREATER THAN 0.35 LOCATED ON SLOPES OF 15% OR GREATER AND THERE ARE NO AREAS OF STEEP SLOPES GREATER THAN 25% WITHIN THE CONFINES OF THE SITE.

ACCORDING TO MARYLAND'S ENVIRONMENTAL RESOURCE AND LAND INFORMATION NETWORK (MERLIN) THERE ARE NO SENSITIVE SPECIES PROJECT REVIEW AREAS AT THE SITE.

ACCORDING TO MERLIN THERE ARE NO NATIONAL REGISTER OF HISTORIC PLACES (NRHP) OR MARYLAND INVENTORY OF HISTORIC PROPERTIES (MHP) LISTINGS FOR THE SITE.

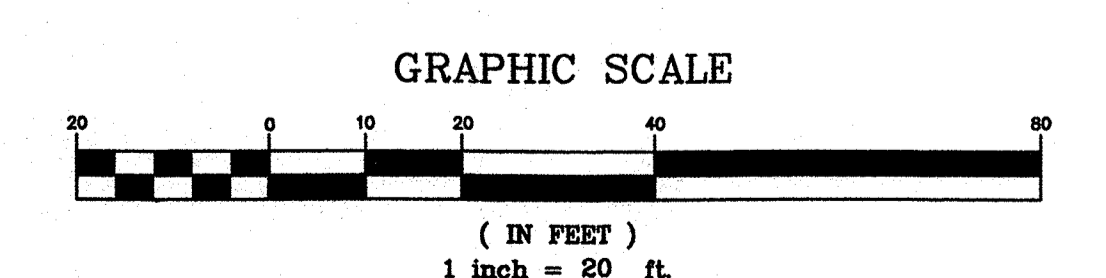
THERE ARE ORNAMENTAL LANDSCAPE TREES ALONG A PORTION OF THE SITE'S NORTHERN BOUNDARY AND SEVERAL SCATTERED TREES ON A MOUND OF FILL MATERIAL IN THE WESTERN PORTION OF THE SITE. HOWEVER, THE SITE DOES NOT CONTAIN FOREST COVER OR SPECIMEN TREES AS DEFINED BY THE FOREST CONSERVATION ACT (FCA). ON THIS BASIS, STAND COMPOSITION, STAND STRUCTURE, RETENTION POTENTIAL, SPECIFIC MANAGEMENT RECOMMENDATIONS, AND STAND FUNCTION ARE NOT APPLICABLE TO THE SITE.

THERE ARE NO PRIORITY AREAS FOR AFFORESTATION OR REFORESTATION WITHIN THE CONFINES OF THE SITE.

SIGNATURE BLOCK

I CERTIFY THAT I AM QUALIFIED TO PREPARE THIS PLAN IN ACCORDANCE WITH THE REQUIREMENTS OF THE FOREST CONSERVATION ACT PURSUANT TO COMAR 08.19.06.01B.

Amara J. Kelleam 6/22/21



Record of Revisions

Date	Initials	Revision Made
7/14/21	DCS	PLANNING & ZONING COMMENTS

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE PLAT SHOWN HEREON IS CORRECT; THAT IT IS THE LANDS CONVEYED BY SAINI HOLDINGS, LLC TO PRADEEP SAINI AND GOPI SAINI BY DEED DATED AUGUST 27, 2020 AMONG THE LAND RECORDS OF FREDERICK COUNTY, MARYLAND IN LIBER 14068 FOLIO 386 AND THAT THE REQUIREMENTS OF THE ANNOTATED CODE OF MARYLAND, REAL PROPERTY BOOK, TITLE 3, SUBTITLE 1, SECTION 3-108 AND THE REQUIREMENTS OF THE FREDERICK COUNTY CODE, SECTION 1-16-108 AND AS ENACTED OR AMENDED SO FAR AS IT MAY CONCERN THE MAKING OF THIS PLAN OF ADDITION AND THE SETTING OF MONUMENTS AND MARKERS HAVE BEEN COMPLIED WITH.

7/20/21
DATE

R. LEE ROYER
MD PROPERTY LINE SURVEYOR #163
LICENSE EXPIRES 5/15/2022

LEGEND

- EXISTING ORNAMENTAL LANDSCAPE TREES
- EXISTING TREE COVER THAT DOES NOT MEET THE DEFINITION OF FOREST COVER (1\"/>

OWNER:
PRADEEP & GOPI SAINI
3516 TIMBER GREEN DR
FREDERICK, MD 21704
(301) 676-5400

SITE DATA
ZONE B2
FRONT YARD: 25 FT
SIDE YARD: 10 FT
REAR YARD: 25 FT



R LEE ROYER & ASSOCIATES
SURVEYING

PENNSYLVANIA - MARYLAND
10764 BUCHANAN TRAIL EAST
WAYNESBORO, VA 17268
717-762-8619

Area 2.000 Ac.
Scale 1\"/>

