

Z:\Shared\0070-00-00 - 105113 W Main\CAD\Preliminary Plan\Sht 008 - PFCP.dwg (sh18 FCP PLAN)

BOARD OF EDUCATION
FREDERICK COUNTY, MARYLAND
PLAT BOOK 14, PG. 69

ACCESS ROADWAY TO MIDDLE AND
ELEMENTARY SCHOOLS
(Bituminous pavement with 6" curb and gutter)

BOARD OF EDUCATION
FREDERICK COUNTY, MARYLAND
PLAT BOOK 14, PG. 69

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Tree #	Species	Common Name	DBH (in)	Tree Condition	Preserve / Removal	FRO Approval	Root Pruning
ST#1	<i>Acer saccharum</i>	Suger Maple	38"	Dying	Removal		N/A
ST#2	<i>Carya tomentosa</i>	Mockernut Hickory	36"	Poor / Dying	Removal		N/A
ST#3	<i>Acer saccharum</i>	Suger Maple	30"	Good	Removal		

REVISION	DATE	REVISION	DATE

OWNER/DEVELOPER
WEST MAIN STREET PROPERTIES
JABEZ PROPERTIES LLC

2941 GREEN VALLEY ROAD
HJAMSVILLE, MD 21754
301-748-6146
TONY CHMELIK

FOREST CONSERVATION (PFCP) PRELIMINARY PLAN & SITE PLAN



BY	DATE
BASE DATA	12/11/18
DESIGNED	DC 03/30/20
DRAWN	VM 03/30/20
REVIEWED	DC 03/30/20

CONTACT:
RELEASE FOR
BY: _____ DATE: _____

105 WEST MAIN ST & LAWSON PROPERTIES

TAX I.D. 09-264361 & 09-257004
TOWN OF NEW MARKET
FREDERICK COUNTY, MD

SCALE: 1"=30'
JOB No. 0070-00-00
DATE: 05/07/20
SHEET No. 8 OF 8

FOREST CONSERVATION WORKSHEET:

12/20/2005, 8/25/06, 11/27/06, 3/14/07, 6/1/07
Note: Use 0 for all negative numbers that result from the calculations.

- Net Tract Area**
A. Total Tract Area (Ac.)
B. Additions (Disturbance within easements not included in the Total Tract Area)
C. Net Tract Area
Land Use Category:
D. Afforestation Threshold
E. Conservation Threshold
Existing Forest Cover
F. Existing Forest Cover within the Net Tract Area
G. Area of Forest Above Conservation Threshold
If the Existing Forest Cover (F) is greater than the Conservation Threshold (E), then
G = F - E; Otherwise G = 0.
Break Even Point
H. Breakeven Point (Amount of forest that must be retained so that no mitigation is required)
(1) If the area of forest above the Conservation Threshold (G) is greater than zero, then
H = (0.2 x the area of forest above Conservation Threshold (G)) + the Conservation Threshold (E)
I. Forest Clearing Permitted Without Mitigation
I = Existing Forest Cover (F) - Breakeven point (H)
Proposed Forest Clearing
J. Total Area of Forest to be Cleared
K. Total Area of Forest to be Retained in Forest Conservation Easement
K = Existing Forest Cover (F) - forest to be cleared (J)
Planting Requirements
If the Total Area of forest to be Cleared (K) is at or above the Breakeven Point (H), no planting is required and no further calculations are necessary (L=0, M=0, N=0, P=0); Otherwise, calculate the planting requirement(s) as follows:
L. Reforestation for Clearing Above the Conservation Threshold
(1) If the total area of forest to be retained (K) is greater than the Conservation Threshold (E), then L = the Area of Forest to be Cleared (J) x 0.25;
(2) If the forest to be retained (K) is less than or equal to the Conservation Threshold (E), then L = Area of forest above conservation Threshold (G) x 0.25
M. Reforestation for Clearing Below the Conservation Threshold
(1) If Existing Forest Cover (F) is greater than Conservation Threshold (E) and the forest to be retained (K) is less than or equal to the Conservation Threshold (E), then
M = 2.0 x (the Conservation Threshold (E) - the forest to be retained (K))
(2) If Existing Forest Cover (F) is less than or equal to the Conservation Threshold (E), then
M = 2.0 x Forest to be cleared (J).
N. Credit for Retention Above the Conservation Threshold
If the area of forest to be retained (K) is greater than the Conservation Threshold (E), then N = K - E
P. Total Reforestation Required P = L + M - N
Q. Total Afforestation Required
If Existing forest Cover (F) is less than the Afforestation Threshold (D) then
Q = the Afforestation Threshold (D) - the Existing Forest Cover (F)
R. Total Planting Requirement R = P + Q

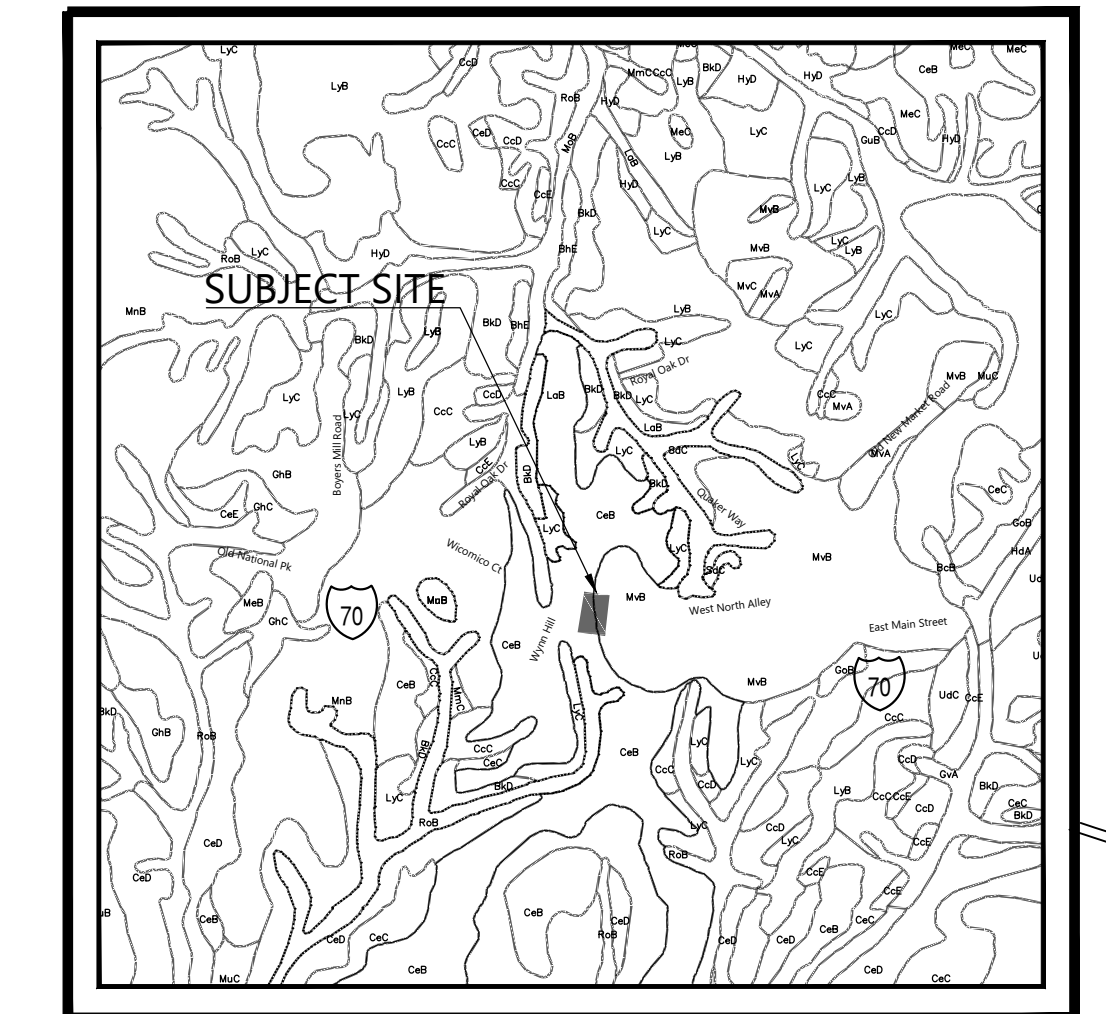
A=	2.74
B=	0.00
C=	2.74
D=	0.41
E=	0.41
F=	0.00
G=	0.00
H=	0.00
I=	0.00
J=	0.00
K=	0.00
L=	0.00
M=	0.00
N=	0.00
P=	0.00
Q=	0.41
R=	0.41

FOREST TRACKING DATA:

- INTENDED LAND USE: MIXED USE, RESIDENTIAL AND NON-RESIDENTIAL
- PROJECT LOCATION: TOWN OF NEW MARKET WEST MAIN STREET
- WATER SHED: LAKE LINGANORE
- NET TRACT AREA: 4.74 ACRES (PARCELS 3887 & 3880)
- AREA OF FLOODPLAIN: A. UNFORESTED: 0.00 ACRES
B. FORESTED: 0.00 ACRES
C. TOTAL: 0.00 ACRES
- FORESTED AREA: A. FOREST IN NET TRACT AREA: 0.00 ACRES
B. CLEARED FOREST: 0.00 ACRES
- RETAINED FOREST: A. ONSITE: 0.00 ACRES
B. OFFSITE: 0.00 ACRES
C. TOTAL: 0.00 ACRES
D. 3 SPECIMEN TREE TO BE REMOVED DUE TO POOR HEALTH OR DEAD
- PLANTED FOREST: A. ONSITE: 0.42 ACRES (STREET TREES)
B. OFFSITE: 0.00 ACRES
D. SPECIMEN TREE REPLACEMENT: 0.00 ACRES
C. TOTAL: 0.00 ACRES
- LONG TERM PROTECTION: 0.76 ACRES, 0% (0 ACRES) SENSITIVE
- SENSITIVE AREA: A. FLOODPLAIN: NONE
B. STREAMS: NONE
C. WETLANDS: NONE
D. BUFFERS: NONE
- STREAM BUFFERS: A. CONSERVED:
1. LINEAR LENGTH: 0 LF.
2. ACREAGE: 0.00 ACRES
- FEE-IN-LIEU: 0.00 ACRES x 43,560 = 0.00 x \$1.00 = \$0.00
- FORESET BANKING: A. EXISTING CREDITS NEWLY CREATED 0.00 ACRES
B. EXISTING CREDITS USED 0.00 ACRES
C. NEW FOREST CREDITS CREATED 0.00 ACRES
D. NEW FOREST CREDITS USED 0.00 ACRES

FOREST TRACKING DATA:

- THERE ARE NO WETLANDS, STREAMS, MAPPED 100 YEAR FLOODPLAIN, CRITICAL HABITATS, FOREST, RARE OR ENDANGERED SPECIES OR HISTORICAL FEATURES ON THIS SITE.
- PROPERTY IS ZONED MRS WITH EXISTING LAND USE AS COMMERCIAL USES, MOBILE HOMES, AND RESIDENTIAL DWELLING UNIT. PROPOSED USES ARE RESIDENTIAL TOWNHOUSE DWELLINGS AND NON-RESIDENTIAL USES.
- SITE CONSIST OF CeB Catocin-Spoolsville complex and MbV Myersville silt loam SOILS. CeB SOILS ARE NOT ERODIBLE AND MbV SOILS ARE NOT ERODIBLE.



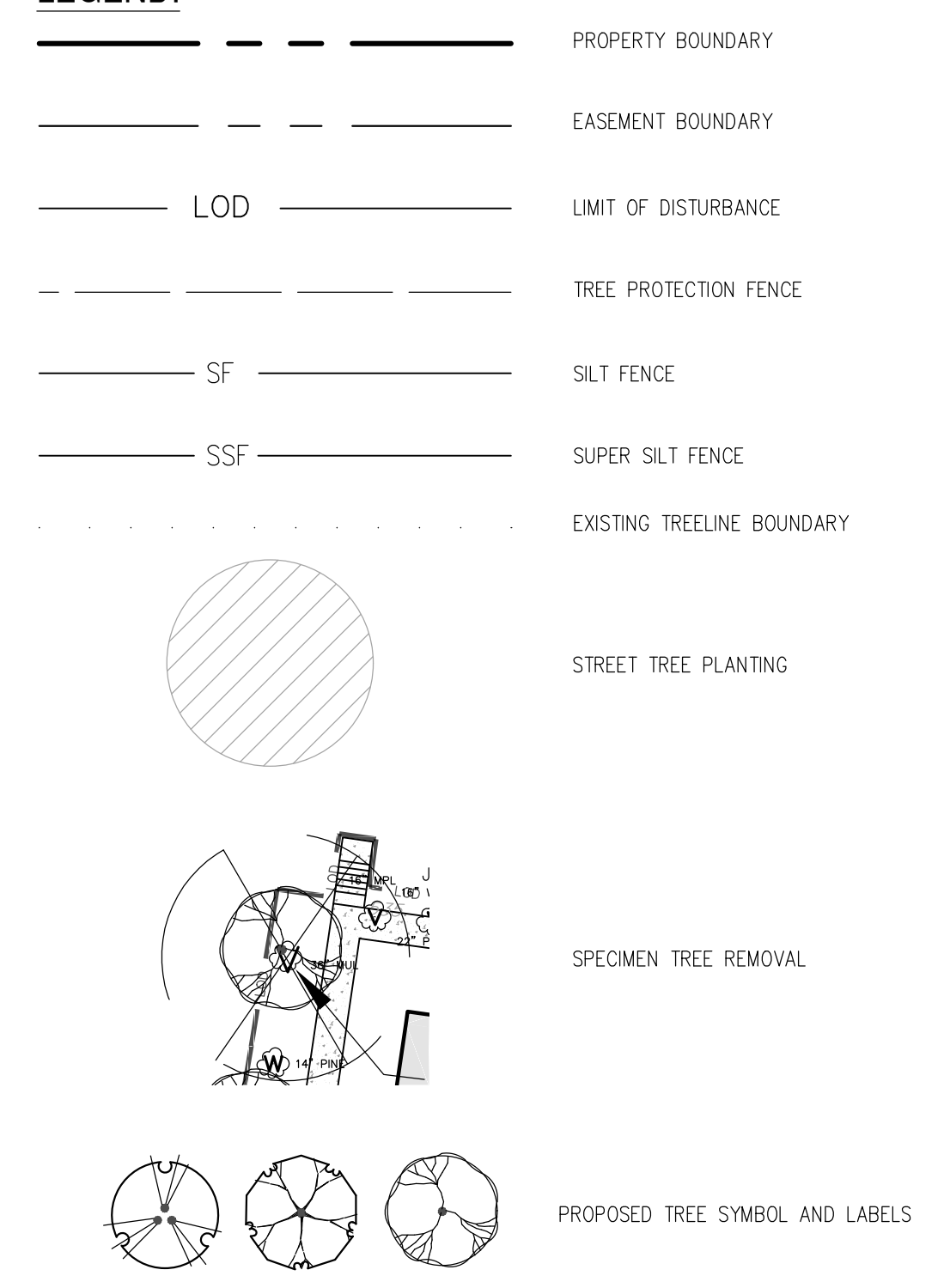
VICINITY & SOILS MAP
SCALE: 1" = 2,000'
Tax Map 801, Grid 00, Parcel 3880
Tax Map 801, Grid 09, Parcel 3887

MAP UNIT LEGEND
CeB Catocin-Spoolsville complex, 3 to 8 percent slopes
MbV Myersville silt loam, 3 to 8 percent slopes

FOREST CONSERVATION COMPLIANCE:

Street Tree Calculation:
26 x 706.86 = 18,378.36 / 43,560 = 0.42 AC.
A Final Forest Conservation Plan will be submitted for review and approval at time of Improvement Plan review process by the Town of New Market.

LEGEND:



QUALIFIED PROFESSIONAL CERTIFICATE

Date: _____
Donavon Corum
Maryland Qualified Professional per COMAR 08.19.06.01
MD License #3434

I CERTIFY THAT I AM A LICENSED LANDSCAPE ARCHITECT AND THEREFORE AM QUALIFIED TO PREPARE THE FOREST CONSERVATION PLAN. I FURTHER CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY SUPERVISION TO THE BEST OF MY KNOWLEDGE AND BELIEF IN ACCORDANCE WITH THE FOREST CONSERVATION REGULATIONS.