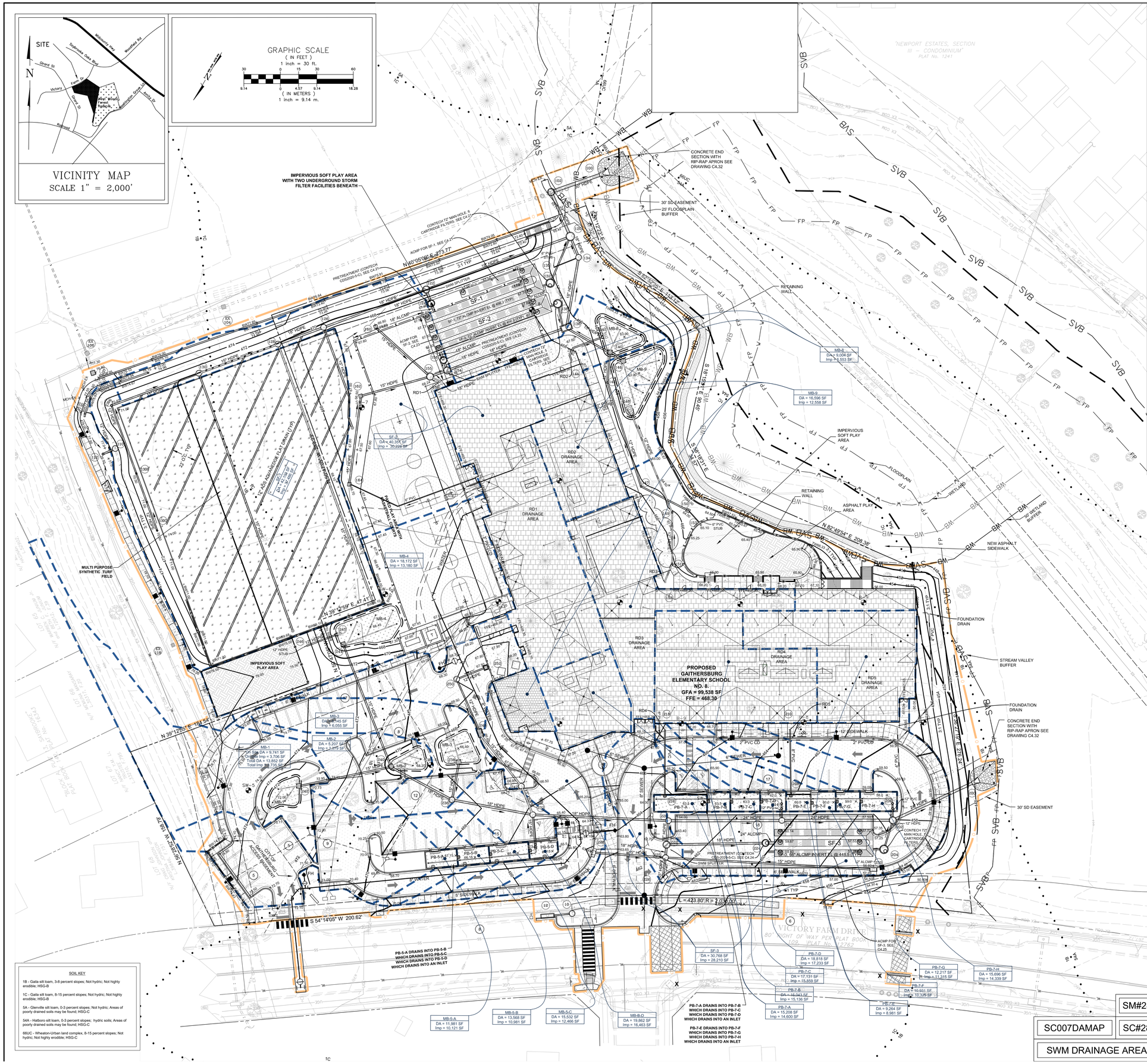

LEGEND

EXISTING CONDITIONS		NEW CONDITIONS
W	WETLAND	
WB	25' AND 50' WETLAND BUFFER	
SVB	STREAM VALLEY BUFFER	
FP	100 YR FLOODPLAIN	
	100 YR FLOODPLAIN 25' BUFFER	
402	CONTOUR (2FT)	402
410	CONTOUR (2FT)	410
× 403.25	SPOT ELEVATION	+63.40
	CURB & GUTTER	
	ASPHALT PAVING	
	CONCRETE PAVING	
	BUILDING	
	PERVIOUS SOFT PLAY AREA	
	SWM PLANTING MEDIA AND PONDING LIMIT	
	NEW STORM DRAIN INLET AND MANHOLE	
	LIMITS OF DISTURBANCE	
8" W	WATER LINE	8" W
	FIRE HYDRANT	
6" S	SEWER LINE	6" S
	STORM DRAIN	(SIZE/MATERIAL)
	UNDERGROUND ELECTRIC	
	PROPERTY BOUNDARY	
	EASEMENT	
EX COM	UNDERGROUND COMMUNICATION	c
	GRAVEL PAVING	
	LIGHT POLE	
106	STORM DRAIN STRUCTURE ID	236
	SOIL BOUNDARY	1B 54A
	SWM DRAINAGE AREA	
	ARTIFICIAL TURF FIELD	

NOTE: FOR INFORMATION ON THE TRAP INSTALLATION AND REMOVAL, SEE THE SEDIMENT CONTROL SEQUENCE OF CONSTRUCTION ON SHEET C3.01

TAX MAP FT62 WSSC 224NW09
PLAT 12762
9TH ELECTION DISTRICT
CITY OF GAITHERSBURG, MD

SITE ADDRESS:
400 VICTORY FARM DR.
GAITHERSBURG, MD 20877

APPLICANT:
MONTGOMERY COUNTY
PUBLIC SCHOOLS
DIVISION OF CONSTRUCTION

45 W. GUDE DRIVE
SUITE 4300
ROCKVILLE, MD 20850

SOIL KEY

1B - Gaila silt loam, 3-8 percent slopes; Not hydric; Not highly erodible; HSG-B

1C - Gaila silt loam, 8-15 percent slopes; Not hydric; Not highly erodible; HSG-B

5A - Glenville silt loam, 0-3 percent slopes; Not hydric; Areas of poorly drained soils may be found; HSG-C

54A - Hatboro silt loam, 0-3 percent slopes; hydric soils; Areas of poorly drained soils may be found; HSG-C

66UC - Wheaton-Urban land complex, 8-15 percent slopes; Not hydric; Not highly erodible; HSG-C

SWM As-Built Storage Summary - Overall

Facility	Design ESDv	As-Built ESDv	% of Design
MB 1	828 cu ft		
MB 2	715 cu ft		
MB 3	1,269 cu ft		
MB 4	2,420 cu ft		
PB-5-A	712 cu ft		
PB-5-B	720 cu ft		
PB-5-C	895 cu ft		
PB-5-D	632 cu ft		
PB-7-A	1,490 cu ft		
PB-7-B	731 cu ft		
PB-7-C	764 cu ft		
PB-7-D	579 cu ft		
PB-7-E	554 cu ft		
PB-7-F	636 cu ft		
PB-7-G	622 cu ft		
PB-7-H	956 cu ft		
MB 8	1,247 cu ft		
MB 9	2,629 cu ft		
TOTAL	18,399 cu ft		

SM#285890

SC007DAMAP | SC#286335

SWM DRAINAGE AREA MAP

ARCHITECT

SMOLEN • EMR • ILKOVITCH ARCHITECTS
9211 CORPORATE BLVD, SUITE 340
ROCKVILLE, MD 20850
301-770-0177(P) 301-330-3224(F)

CIVIL
MACRIS, HENDRICKS & GLASCOCK
9220 WIGHTMAN RD, SUITE 120
MONTGOMERY VILLAGE, MD 20886
301-670-0840(P)

STRUCTURAL
COMPREHENSIVE STRUCTURAL SOLUTIONS
9220 WIGHTMAN RD, SUITE 120
MONTGOMERY VILLAGE, MD 20886
240-200-5599(P)

MECH./ELECTRICAL/PLUMBING
JAMES POSEY ASSOCIATES
11155 RED RUN BLVD, SUITE 310
BALTIMORE, MD 21117
410-265-6100(P)

KITCHEN
NYIKOS-GARCIA FOODSERVICE DESIGN, INC
18219-A FLOWER HILL WAY
GAITHERSBURG, MD 20879
240-683-9530 (P)

SUSTAINABILITY
DOO CONSULTING, LLC
531 PICCADILLY ROAD
BALTIMORE, MD 21204
443-653-3792 (P)

CONSTRUCTION MANAGER
SKANSKA USA BUILDING INC.
700 KING FARM BLVD, SUITE 200
ROCKVILLE, MD 20850
301-795-3100 (P)

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed Professional Engeineer under the laws of the State of Maryland, License No.: 16905, Expiration Date: 4.21.2022.

PROFESSIONAL SEAL:

PRINTS ISSUED

NO:	DESCRIPTION:	DATE:
1	BID DOCUMENTS	10/21/2020
A	ADDENDUM #2	11/25/2020
A	ADDENDUM #3	12/01/2020
A	ADDENDUM #4	12/03/2020
5		

TAX MAP FT62 WSSC 224NW09
PLAT 12762
9TH ELECTION DISTRICT
CITY OF GAITHERSBURG, MD

GAITHERSBURG CLUSTER ELEMENTARY SCHOOL #8

MONTGOMERY COUNTY PUBLIC SCHOOLS

SHEET TITLE:
SOIL EROSION, SEDIMENT CONTROL AND STORMWATER MANAGEMENT PLAN

PROJECT NO: 19007

DATE: 12/04/20

SCALE: 1"=30'

NORTH

SHEET NO: C4.01

Sheet 7 of 28

I:\13311\dwg\SW_21_01.dwg, C4.01 SWM DRAINAGE AREA MAP, SC007DAMAP, 12/10/2020 6:43:44 PM, Copyright © 2017 Morris, Hendricks & Glascock, P.A.