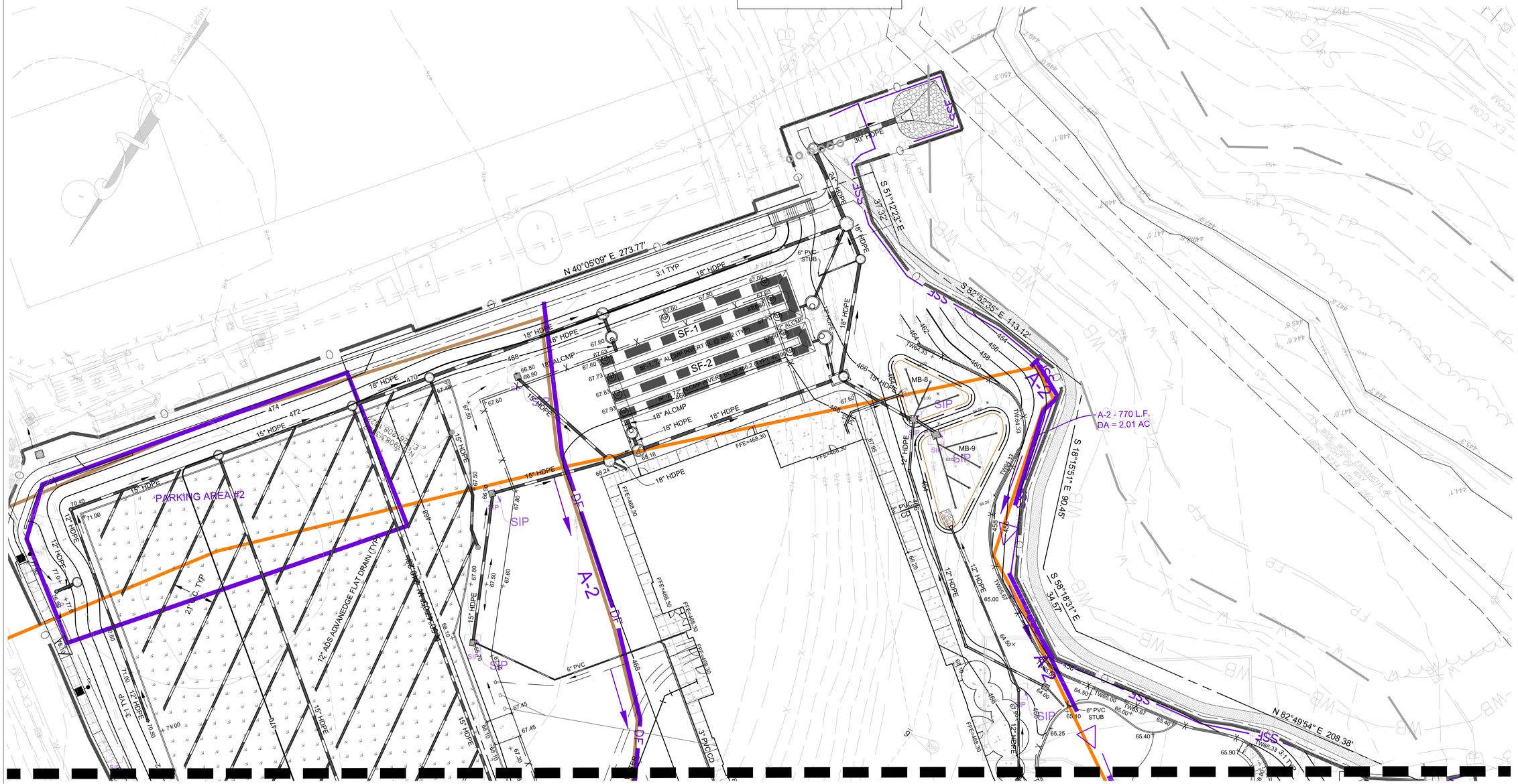


MATCHLINE - SHEET C3.05 (5 OF 30)

SWM LEGEND

- Existing Contour Major
- Existing Contour Minor
- Existing Walk
- EX. 15" RCP — Existing Storm Drain
- 426 — Proposed Contours
- × 10.32 — Proposed Spot Elevation
- Limit of Disturbance
- SCE — Stabilized Construction Entrance
- Sediment Trap Existing Drainage Divide
- Sediment Trap Proposed Drainage Divide
- Temporary Pipe
- SSF — Super Silt Fence
- Sediment Trap ST-III
- 3C 16C — Soil Boundary
- Existing Drainage Divide
- A-2 — Earth Dike
- Micro-Bioretention Bed
- Standard Inlet Protection
- SIP — Curb Inlet Protection
- DIP — At-Grade Inlet Protection
- ADIP
- Mountable Berm

Table B.1: Temporary Seeding for Site Stabilization

Plant Species	Seeding Rate [1]		Seeding Depth [2] (inches)	Recommended Seeding Dates by Plant Hardiness Zone [3]		
	lb/ac	lb/1000 ft²		5b and 6a	6b	7a and 7b
Annual Ryegrass (Lolium perenne ssp. multiflorum)	40	1.0	0.5	Mar 15 to May 31; Aug 1 to Sep 30	Mar 1 to May 15; Aug 1 to Oct 15	Feb 15 to Apr 30; Aug 15 to Nov 30
Barley (Hordeum vulgare)	96	2.2	1.0	Mar 15 to May 31; Aug 1 to Sep 30	Mar 1 to May 15; Aug 1 to Oct 15	Feb 15 to Apr 30; Aug 15 to Nov 30
Oats (Avena sativa)	72	1.7	1.0	Mar 15 to May 31; Aug 1 to Sep 30	Mar 1 to May 15; Aug 1 to Oct 15	Feb 15 to Apr 30; Aug 15 to Nov 30
Wheat (Triticum aestivum)	120	2.8	1.0	Mar 15 to May 31; Aug 1 to Sep 30	Mar 1 to May 15; Aug 1 to Oct 15	Feb 15 to Apr 30; Aug 15 to Nov 30
Cereal Rye (Secale cereale)	112	2.8	1.0	Mar 15 to May 31; Aug 1 to Oct 31	Mar 1 to May 15; Aug 1 to Nov 15	Feb 15 to Apr 30; Aug 15 to Dec 15
Foxtail Millet (Setaria italica)	30	0.7	0.5	Jun 1 to Jul 31	May 16 to Jul 31	May 1 to Aug 14
Pearl Millet (Pennisetum glaucum)	20	0.5	0.5	Jun 1 to Jul 31	May 16 to Jul 31	May 1 to Aug 14

Notes:

1) Seeding rates for the warm-season grasses are in pounds of Pure Live Seed (PLS). Actual planting rates shall be adjusted to reflect percent seed germination and purity, as tested. Adjustments are usually not needed for the cool-season grasses.

Seeding rates listed above are for temporary seedings, when planted alone. When planted as a nurse crop with permanent seed mixes, use 1/3 of the seeding rate listed above for barley, oats, and wheat. For smaller-seeded grasses (annual ryegrass, pearl millet, foxtail millet), do not exceed more than 5% (by weight) of the overall permanent seeding mix. Cereal rye generally should not be used as a nurse crop, unless planting will occur in very late fall beyond the seeding dates for other temporary seedings. Cereal rye has allelopathic properties that inhibit the germination and growth of other plants. If it must be used as a nurse crop, seed at 1/3 of the rate listed above.

Oats are the recommended nurse crop for warm-season grasses.

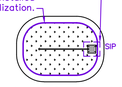
2) For sandy soils, plant seeds at twice the depth listed above.

3) The planting dates listed are averages for each zone and may require adjustment to reflect local conditions, especially near the boundaries of the zone.

Fertilizer Rate (10-20-20): 436 lb / ac (10 lb / 1000 sf)
Lime Rate: 2 tons / ac (90 lb / 1000 sf)

Install SWM Media once contributing drainage area is stabilized. With the Sediment Control Inspector's permission and with the installation of Silt Fence as shown, SWM Media may be installed prior to stabilization.

Provide Standard Inlet Protection After Storm Drain Inlet Construction, but prior to SWM media installation.



NOTE: Refer to the "Sequence of Construction" in future submissions for additional information.

Sediment Controls for Micro-Bioretention
(Typical where SD does not outfall to a Trap)

Refer to the U.S.D.A. Plant Hardiness Zones Map (Figure B.3) on page B.19 of the MDE 2011 Stds & Specs manual and modify the zone and seeding dates as necessary.

Permanent Seeding Summary

Hardiness Zone (from Figure B.3): 6b; Seed Mixture (from Table B.3): #6 or #9				Fertilizer Rate (10-20-20)			Lime Rate
No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depths	N	P_2O_5	K_2O	
9	Tall Fescue (Lolium arundinaceum)	60	Mar 1 - May 15; Aug 15 - Oct 15	1/4-1/2 in	45 lb/ac (1 lb/ 1000 sf)	90 lb/ac (2 lb/ 1000 sf)	90 lb/ac (2 lb/ 1000 sf)	2 tons/ac (90 lb/ 1000 sf)
	OR							
	Hard Fescue (Festuca trachyphylla)	40						
	AND ADD							
	Kentucky Bluegrass (Poa pratensis)	40						
	Perennial Ryegrass (Lolium perenne)	20						
8	Tall Fescue (Lolium arundinaceum)	100	Mar 1 - May 15; Aug 15 - Oct 15	1/4-1/2 in				

NOTE: These seed mixtures are recommended for lawns, athletic fields, recreation areas and some borders, buffers & waterways. For other types of uses or special conditions, the 2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control should be referred to.
If this project includes a Landscape Plan, use the specifications on the Landscape Plan if they conflict with this seeding summary.

FOR SPECIFIC CULTIVARS AND ADDITIONAL INFORMATION, REFER TO THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SESC.

SM#285890

SC004SESCPLANS | SC#286335

UPPER (SOUTH) SEDIMENT CONTROL PLAN

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 Enegineer under the laws of the State of Maryland, License No.: 16905, Expiration Date: 4.21.2022.

PROFESSIONAL SEAL:

PRINTS ISSUED

NO:	DESCRIPTION:	DATE:
1	SCHEMATIC DESIGN	11/01/2019
2	DD KICKOFF	12/03/2019
3	COORDINATION SET 1	02/03/2020
4	DD PRICING SET	03/09/2020
5	DESIGN DEVELOPMENT	04/06/2020
6	65% CD SET	06/15/2020
7	PERMIT SET	08/10/2020
8	CD IAC SET	09/04/2020

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:
SEDIMENT CONTROL PLAN FOR THE UPPER SITE SECTION (SOUTH)

PROJECT NO: 19007
DATE: 10/16/20
SCALE: 1"=50'
NORTH
SHEET NO: C3.04
Sheet 4 of 28

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