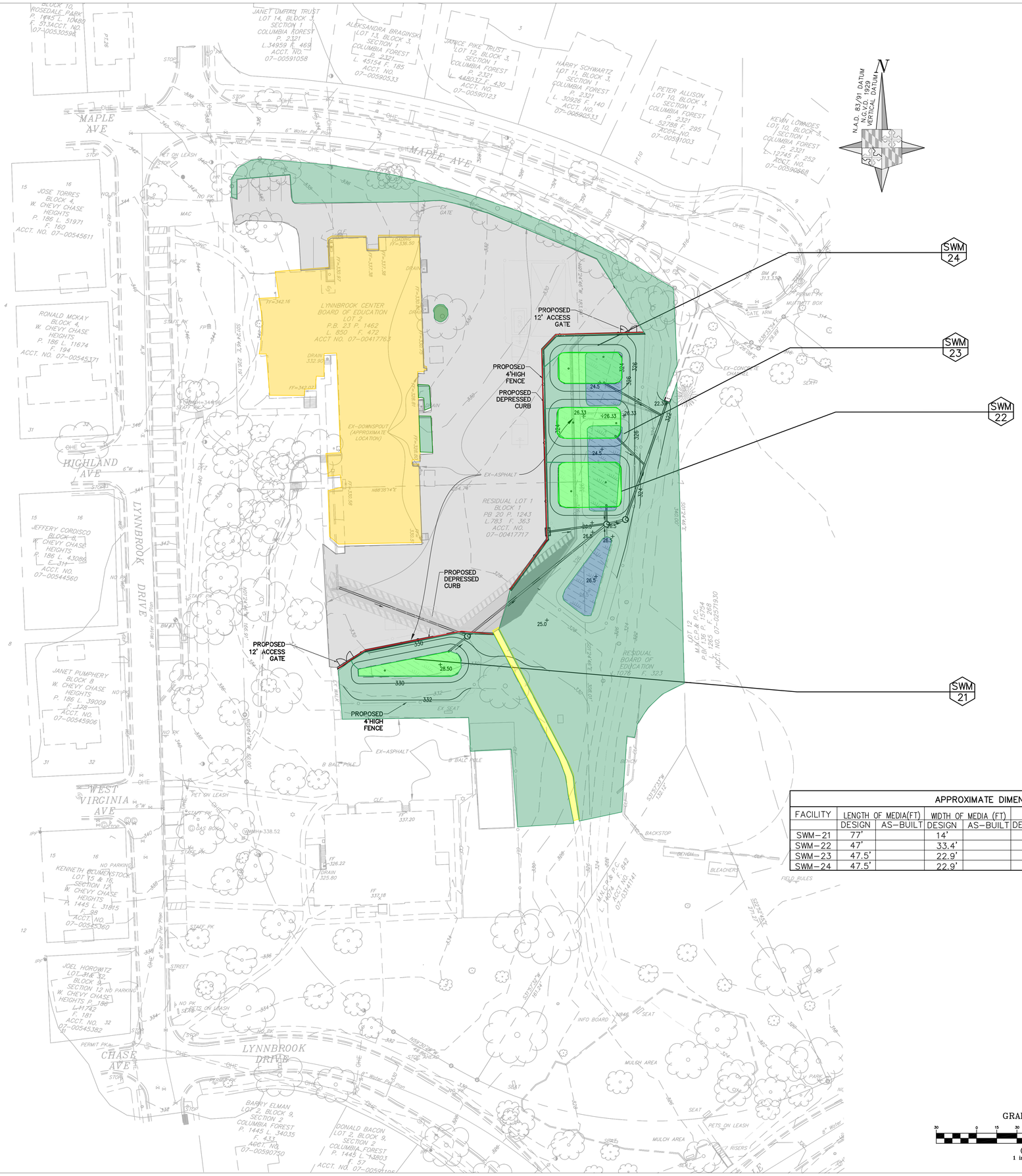

EXISTING LEGEND

- PROPERTY LINE
- CONTOUR (96)
- BENCHMARK (BM #1)
- MANHOLE
- SANITARY SEWER (X"S)
- STORM DRAIN (X"RCP)
- UTILITY POLE
- OVERHEAD UTILITY LINE (OHU)
- ELECTRIC LINE (E)
- GAS LINE (G)
- GAS VALVE (GV)
- WATER LINE (X"W)
- WATER VALVE (WV)
- FIRE HYDRANT
- WATER METER (W)
- TELEPHONE LINE (T)
- RIPRAP
- LIGHT
- SIGN
- CHAIN LINK FENCE
- EXISTING TREE WITH CRITICAL ROOT ZONES AND STRUCTURAL ROOT ZONES
- SOIL TYPE (2UC)

PROPOSED LEGEND

- PROPOSED STORM DRAIN (HDPE)
- PROPOSED SWM UNDERDRAIN W/ CLEANOUT (PERF. PVC)
- PROPOSED MANHOLE
- PROPOSED CONTOUR (96)
- PROPOSED CHAIN-LINK FENCE
- PROPOSED DEPRESSED CONCRETE CURB
- PROPOSED BIOFILTER/SAND FILTER SEE STORMWATER DETAILS, SHEETS C-4C & C-4D
- PROPOSED LIGHT DUTY ASPHALT SEE DETAIL 1, SHEET C-3B
- PROPOSED 2"MILL & OVERLAY (MIN 5' OUTSIDE SAW CUT)

APPROXIMATE DIMENSIONS OF STORMWATER FACILITIES

FACILITY	LENGTH OF MEDIA(FT)		WIDTH OF MEDIA (FT)		6" PERF PVC		SURFACE AREA OF MEDIA (sq.ft.)		ESD PROVIDED (cu. ft.)	
	DESIGN	AS-BUILT	DESIGN	AS-BUILT	DESIGN	AS-BUILT	DESIGN	AS-BUILT	DESIGN	AS-BUILT
SWM-21	77'		14'		49'		974		1,661	
SWM-22	47'		33.4'		46'		1,549		1,441	
SWM-23	47.5'		22.9'		44'		1,066		1,086	
SWM-24	47.5'		22.9'		50'		1,066		2,310	

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

SC/SWM SHEET NO. 5 of 10

OWNER/APPLICANT
MONTGOMERY COUNTY PUBLIC SCHOOLS
45 WEST GUDE DRIVE, SUITE 4300
ROCKVILLE, MARYLAND 20850-4038
ATTN: ROBBIE S. BADSTIBNER
robbie_s_badstibner@mcpsmd.org
TEL: 240.314.1018 FAX: 240.279.3003

ARCHITECT

SEI SMOLEN • EMR • ILKOVITCH ARCHITECTS
1355 PICCARD DRIVE SUITE 200
ROCKVILLE, MD 20850
301-770-0177(P) 301-330-3224(F)

CIVIL / STRUCTURAL
ADTEK ENGINEERS
97 MONOCACY BOULEVARD, UNIT H
FREDERICK, MARYLAND 21701
301-662-4408(P) 301-662-7484(F)

MECH./ELECTRICAL/PLUMBING
JAMES POSEY ASSOCIATES
3112 LORD BALTIMORE DRIVE
BALTIMORE, MARYLAND 21244
301-265-6100(P) 301-298-9820(F)

CONSTRUCTION MANAGER
HESS CONSTRUCTION
804 WEST DIAMOND AVENUE, SUITE 300
GAITHERSBURG, MD 20878
301-670-9000(P) 301-670-9009(F)

PROFESSIONAL SEAL:

PRINTS ISSUED

NO:	DESCRIPTION:	DATE:
1	RFP-040	03/01/18

8001 LYNNBROOK DRIVE
BETHESDA, MD 20814
L. 850 F. 1462
PARCEL N719
ZONED: R60
LAND USE: EC
ACCT NO.
07-00417763

LYNNBROOK CENTER STORMWATER IMPROVEMENTS

MONTGOMERY COUNTY PUBLIC SCHOOLS

SHEET TITLE:

OVERALL GRADING & SWM PLAN

PROJECT NO: 177702

DATE: 03/02/2018

SCALE:

WORKING NORTH

SHEET NO: C-4A 1