

REFERENCE GRID: A B C D E F G H I J K L M N O
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ESD FACILITY NO.	DRAINAGE AREA TO FACILITY S.F.	Runoff Coeff. 'C'
PB-2	3,696	0.90
PB-3	3,696	0.90
PB-4	3,036	0.90
MWS-5	19,392	0.79
MWS-6	18,567	0.80
MWS-7	19,307	0.78
PB-10	3,696	0.90
PB-11	6,657	0.88
PB-13	5,790	0.71
PB-13A-13F	2,772	0.90
PB-14	11,143	0.79
PB-16	8,924	0.87
PB-17A-17I	5,472	0.90
PB-18	4,704	0.90
PB19A-19F	2,772	0.90
PB-21	9,076	0.81
PB-22	2,292	0.90
PB-23	2,601	0.90
PB-26	2,612	0.90
PB-28*	13,876	0.90
PB-30A	8,492	0.73
PB-30B	3,645	0.66
PB-31	6,212	0.70

PB-32A	6,425	0.65
PB-32B	5,555	0.63
PB-33A	4,513	0.61
PB-33B	2,677	0.59
PB-34A	2,412	0.76
PB-34B	3,897	0.77
PB-35A	3,338	0.76
PB-35B	2,579	0.84
PB-36A	1,688	0.69
PB-36B	3,180	0.80
PB-37A	4,459	0.84
PB-37B	2,163	0.70
PB-38	19,049	0.90
MWS_39	3,960	0.90
MWS_40	3,220	0.90
MWS_41	2,990	0.90
PP-1	1,600	0.90
PP-2	1,367	0.90
PP-3	973	0.90
PP-4	1,346	0.90
PP-5	1,843	0.90
GRF-1A	2,808	0.90
GRF-1B	5,196	0.90
GRF-2	4,608	0.90
GRF-3	3,360	0.90
GRF-5	5,701	0.90
GRF-6	4,592	0.90
GRF-7	5,830	0.90

* IMPERVIOUS AREA ALSO TREATED BY GREEN ROOF

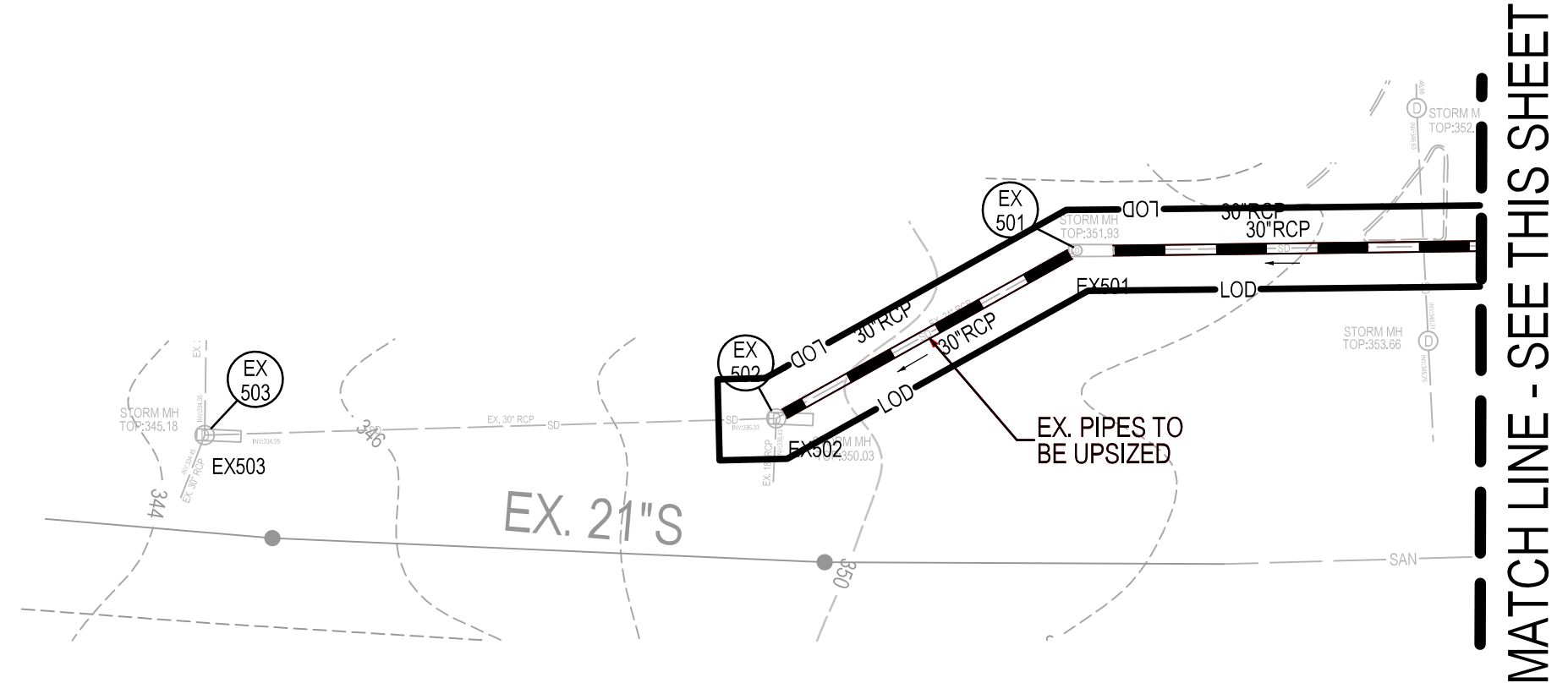
STRUCTURAL FACILITY NO.	DRAINAGE AREA TO FACILITY S.F.	Runoff Coeff. 'C'
BIO-1	32,316	0.76
BIO-12	43,107	0.80
STORMFILTER 1	23,012	0.75
STORMFILTER 2*	17,204	0.90
STORMFILTER 3*	13,833	0.90
STORMFILTER 4*	30,884	0.90
STORMFILTER 5	20,954	0.85

* IMPERVIOUS AREA ALSO TREATED BY GREEN ROOF

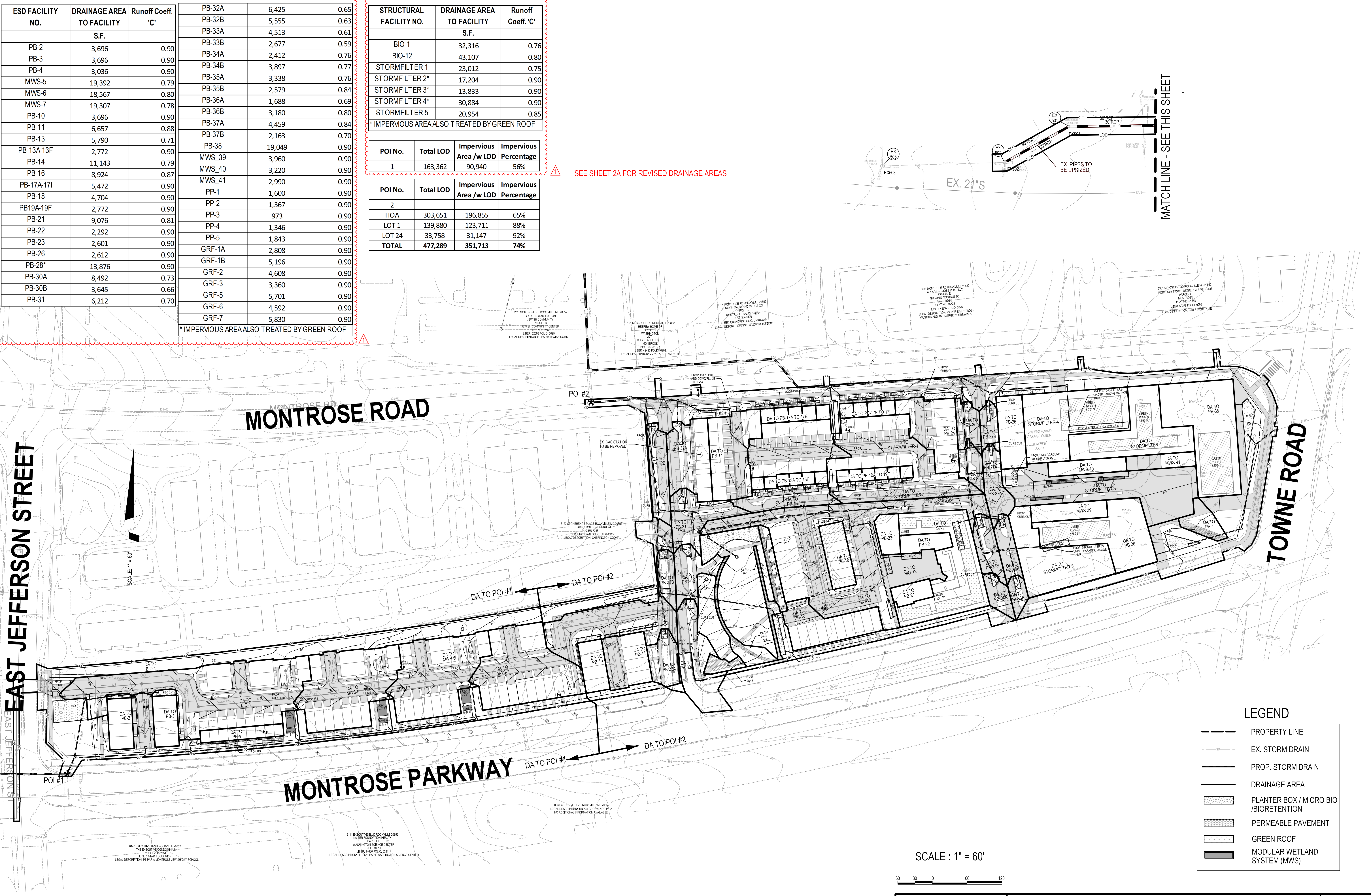
POI No.	Total LOD	Impervious Area /w LOD	Impervious Percentage
1	163,362	90,940	56%

POI No.	Total LOD	Impervious Area /w LOD	Impervious Percentage
2			
HOA	303,651	196,855	65%
LOT 1	139,880	123,711	88%
LOT 24	33,758	31,147	92%
TOTAL	477,289	351,713	74%

SEE SHEET 2A FOR REVISED DRAINAGE AREAS



MATCH LINE - SEE THIS SHEET



SCALE: 1" = 60'

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LEGEND

- PROPERTY LINE
- EX. STORM DRAIN
- PROP. STORM DRAIN
- DRAINAGE AREA
- PLANTER BOX / MICRO BIO / BIORETENTION
- PERMEABLE PAVEMENT
- GREEN ROOF
- MODULAR WETLAND SYSTEM (MWS)

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NO.	DATE	CAO STANDARDS VERSION	REVISIONS	BY	DATE
1	OCTOBER 2020	19 - NCS	REVISIONS FOR SWM SITE DEVELOPMENT CONCEPT PHASE 1	AG	11/25/2020

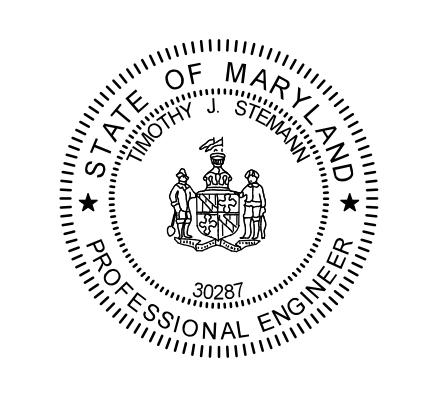
DESIGNED: A.G. TECHNICIAN: A.G. CHECKED: J.S.

MISS UTILITY NOTE
 INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND UTILITIES DISCOVERED BY ENGINEER TEST PITS BY HAND, WELL IN ADVANCE OF THE START OF EXCAVATION. CONTACT "MISS UTILITY" AT 1-800-261-7777. 48 HOURS PRIOR TO THE START OF EXCAVATION, IF CLEARANCES ARE LESS THAN SHOWN ON THE PLAN OR TWELVE (12) INCHES, WHOEVER'S LESS, CONTACT THE ENGINEER AND THE UTILITY COMPANY BEFORE PROCEEDING WITH CONSTRUCTION. CLEARANCES LESS THAN NOTED MAY REQUIRE REVISIONS TO THIS PLAN.

OWNER/DEVELOPER/APPLICANT
 WILGUS ASSOCIATES, LTD PARTNERSHIP, C/O WILCO
 7811 MONTROSE ROAD
 SUITE 200
 POTOMAC, MD 20854
 PHONE: (240) 396-1421
 BMAZZUCA@WILCO.COM
 ROBERT A. MAZZUCA

MAP	ADC	GRID	5285
TAX MAP	GC02	ZONING CATEGORY	CR-20, C-10, DA, PD, PD2, CR-10, CR-15, CR-20, CR-25, CR-30, CR-35, CR-40, CR-45, CR-50
WBC 200 SHEET		SITE DATUM	
215 NW 05		HORIZONTAL	NAD83
		VERTICAL	NAD83

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 30227 EXPIRATION DATE: 05/15/2022



DRAINAGE AREA MAP

SWM SITE DEVELOPMENT CONCEPT (PHASE 1)
NORTH PARK AT MONTROSE (WILGUS TRACT)
 RESIDUE PARCEL 5, ROCKVILLE FACILITY, PLAT BOOK 102 PLAT NO. 11588; RESIDUE PARCEL 7A, ROCKVILLE FACILITY, PLAT BOOK 104 PLAT NO. 11548; RESIDUE PARCEL Q, WASHINGTON SCIENCE CENTER, PLAT BOOK 183 PLAT NO. 20343; RESIDUE PARCEL 7B, ROCKVILLE FACILITY, PLAT BOOK 104 PLAT NO. 11548; RESIDUE PARCEL R, WASHINGTON SCIENCE CENTER, PLAT BOOK 183 PLAT NO. 20343; RESIDUE PARCEL 8, ROCKVILLE FACILITY, PLAT BOOK 102 PLAT NO. 11548
7811 MONTROSE ROAD
 POTOMAC (1ST) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND
 PROJECT NO. 1325-02-01