





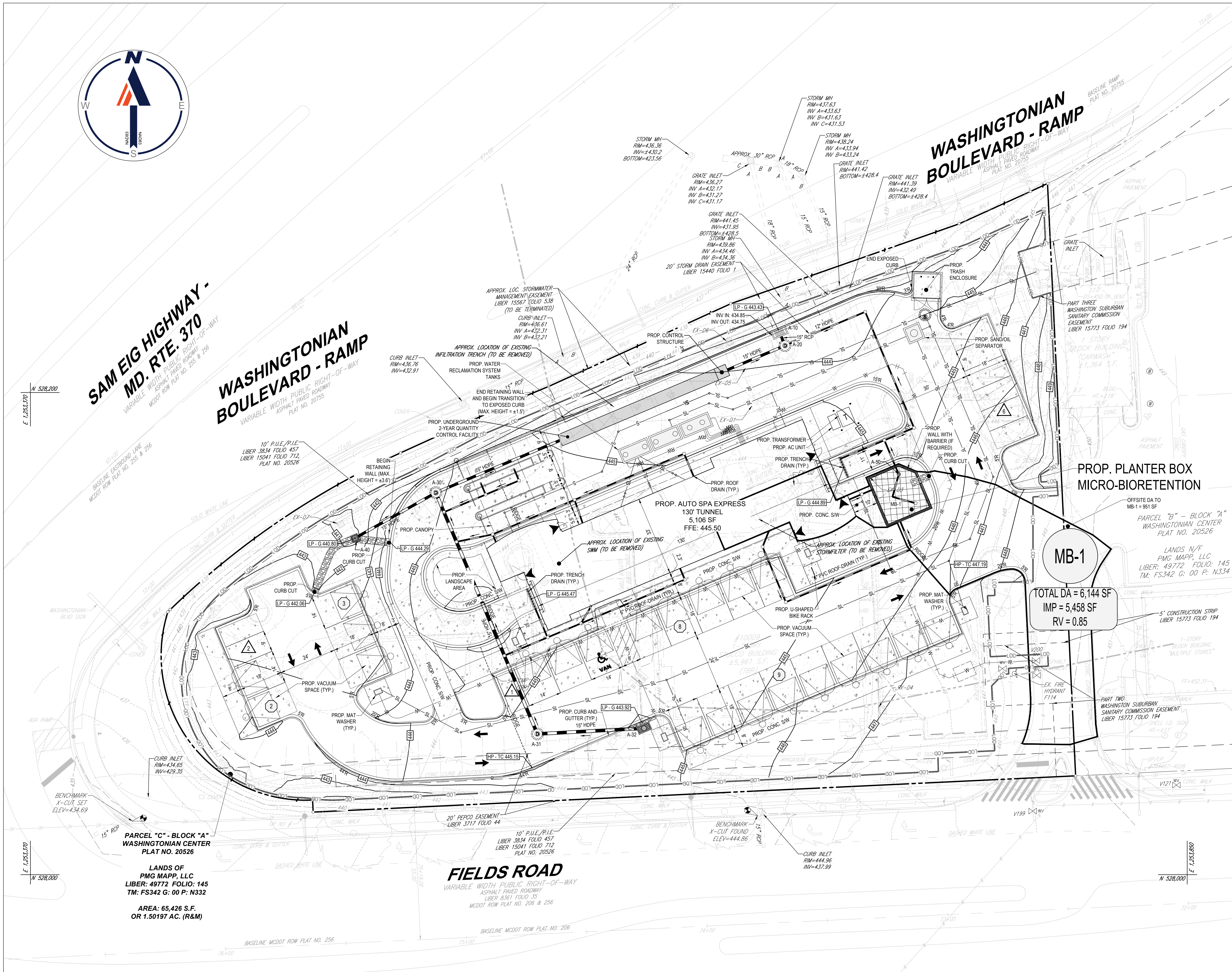
**SAM EIG HIGHWAY -  
MD. RTE. 370**  
VARIABLE WIDTH PUBLIC RIGHT-OF-WAY  
ASPHALT PAVED ROADWAY  
MCDOT ROW PLAT NO. 255 & 256

**WASHINGTONIAN  
BOULEVARD - RAMP**  
VARIABLE WIDTH PUBLIC RIGHT-OF-WAY  
ASPHALT PAVED ROADWAY  
PLAT NO. 20755

**WASHINGTONIAN  
BOULEVARD - RAMP**  
VARIABLE WIDTH PUBLIC RIGHT-OF-WAY  
ASPHALT PAVED ROADWAY  
PLAT NO. 20755

**FIELDS ROAD**  
VARIABLE WIDTH PUBLIC RIGHT-OF-WAY  
ASPHALT PAVED ROADWAY  
LIBER 8561 FOLIO 35  
MCDOT ROW PLAT NO. 206 & 256

**PARCEL "C" - BLOCK "A"  
WASHINGTONIAN CENTER  
PLAT NO. 20526**  
  
**LANDS OF  
PMG MAPP, LLC  
LIBER: 49772 FOLIO: 145  
TM: FS342 G. 00 P: N332**  
  
**AREA: 65,426 S.F.  
OR 1.50197 AC. (R&M)**



- NOTES**
- EXISTING IMPROVEMENTS AND BUILDING WITHIN LOD TO BE REMOVED, EXCEPT AS SHOWN;
  - EXISTING ON-SITE SURFACE AND UNDERGROUND STORMWATER MANAGEMENT TO BE REMOVED AND EXISTING EASEMENTS TERMINATED, IF APPLICABLE;
  - PRELIMINARY SIZING OF UNDERGROUND SWM STORAGE AND CONTROL STRUCTURE TO BE PROVIDED AT PRELIMINARY SWM STAGE.

**LEGEND**

LIMIT OF DISTURBANCE	— LOD — LOD —
DRAINAGE DIVIDE	—————
PROPOSED CONCRETE	[Pattern]
PROPOSED MICRO-BIORETENTION	[Pattern]
SOIL TYPE DELINEATION	-----
SOIL TYPE LABEL	[XX]

**SOIL TYPES**

SOIL TYPE	DESCRIPTION	HYDROLOGIC SOIL GROUP
2B	GLENELG SILT LOAM	B
66UB	WHEATON-URBAN LAND COMPLEX	B

**REVISIONS**

REV	DATE	COMMENT	DRAWN BY	CHECKED BY

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PROJECT No.: MD230090.00  
DRAWN BY: BK  
CHECKED BY: 05/01/2024  
DATE: P-CIVIL-CSTM  
CAD ID:

**STORMWATER  
MANAGEMENT  
CONCEPT PLAN**  
FOR  
**PROPOSED  
DEVELOPMENT**  
10099 FIELDS ROAD  
CITY OF GAITHERSBURG  
MONTGOMERY COUNTY, MD

**BOHLER**  
9711 WASHINGTONIAN BLVD, SUITE 375  
GAITHERSBURG, MARYLAND 20878  
Phone: (301) 809-4500  
Fax: (301) 809-4501  
MD@BohlerEng.com

**M. J. BIRKLAND**  
PROFESSIONAL ENGINEER  
LICENSE NO. 34071  
STATE OF MARYLAND

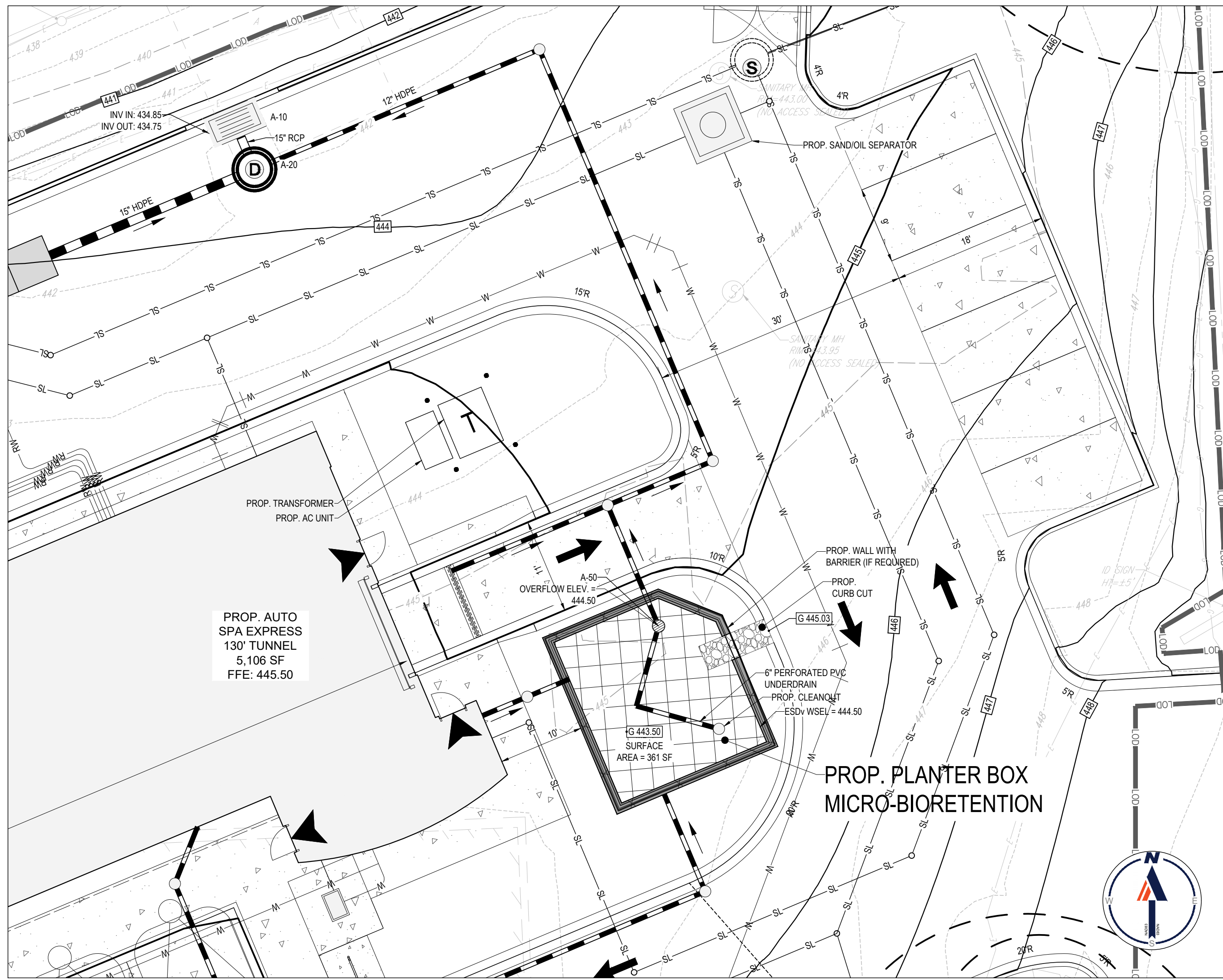
**STORMWATER  
MANAGEMENT  
CONCEPT PLAN**  
SHEET NUMBER:  
**SWM 2 OF 3**  
ORG. DATE - 05/01/2024

**CITY OF GAITHERSBURG  
DEPARTMENT OF PUBLIC WORKS  
STORMWATER MANAGEMENT**

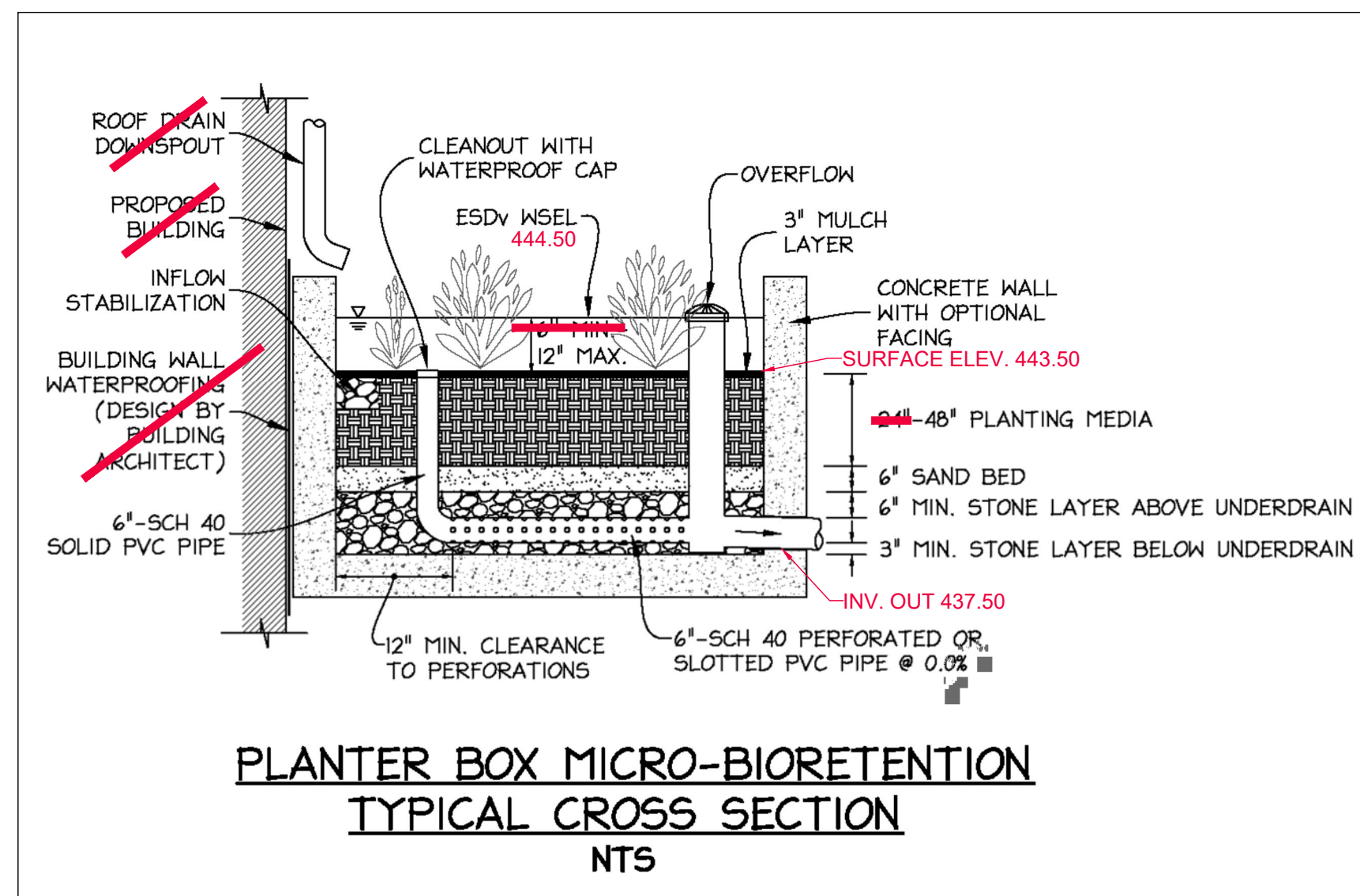
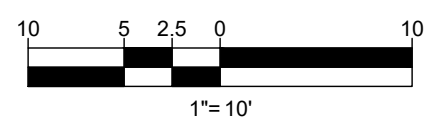
APPLICATION NO. **SWM-TBD**  
CONCEPT PLAN  **PRELIMINARY PLAN**   
APPROVAL DATE: \_\_\_\_\_  
BY: \_\_\_\_\_

DA NAME	ESD PRACTICE	DRAINAGE AREA (SF) (ON AND OFFSITE)	IMPERVIOUS AREA (ON AND OFFSITE) (SF)	ESDv REQUIRED (FOR AUTO SPA) (CF)	MIN ESDv (1" PE) (CF)	MAX ESDv (2.6" PE) (CF)	ESDv ACHIEVED (CF)	PE ACHIEVED (IN)
DA-1	MB #1	6,144	5,458	775	435	1,131	1,011	1"

A MARYLAND REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT SEAL AND SIGNATURE ON PLANS WILL BE ACCEPTED AS PRIMA FACIE EVIDENCE THAT PLANS ARE IN COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS.



**MB-1 PLAN VIEW**



**PLANTER BOX MICRO-BIORETENTION  
TYPICAL CROSS SECTION  
NTS**

**BOHLER**  
 SITE CIVIL AND CONSULTING ENGINEERING  
 PROGRAM MANAGEMENT  
 LANDSCAPE ARCHITECTURE  
 SUSTAINABLE DESIGN  
 PERMITTING SERVICES  
 TRANSPORTATION SERVICES

**REVISIONS**

REV	DATE	COMMENT	DRAWN BY	CHECKED BY

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PROJECT No.: MDA230090.00  
 AND  
 DRAWN BY: BK  
 CHECKED BY: 05/01/2024  
 DATE: P-CIVIL-CRSP  
 CAD ID:

**PROJECT:**  
**STORMWATER MANAGEMENT CONCEPT PLAN**  
 FOR  
  
 PROPOSED DEVELOPMENT  
 10099 FIELDS ROAD  
 CITY OF GAITHERSBURG  
 MONTGOMERY COUNTY, MD

**BOHLER**  
 9711 WASHINGTONIAN BLVD, SUITE 375  
 GAITHERSBURG, MARYLAND 20878  
 Phone: (301) 809-4500  
 Fax: (301) 809-4501  
 MD@BohlerEng.com

**M. J. BIRKLAND**  
 PROFESSIONAL ENGINEER  
 PROFESSIONAL ARCHITECT  
 PROFESSIONAL LANDSCAPE ARCHITECT  
 I, MICHAEL BIRKLAND, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 14031. EXPIRATION DATE: 05/14/2025.

SHEET TITLE:  
**MICRO-BIORETENTION DETAILS**

SHEET NUMBER:  
**SWM 3 OF 3**  
 ORG. DATE - 05/01/2024

CITY OF GAITHERSBURG  
 DEPARTMENT OF PUBLIC WORKS  
**STORMWATER MANAGEMENT**

APPLICATION NO. **SWM-TBD**  
 CONCEPT PLAN  PRELIMINARY PLAN   
 APPROVAL DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_

A MARYLAND REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT SEAL AND SIGNATURE ON PLANS WILL BE ACCEPTED AS PRIMA FACIE EVIDENCE THAT PLANS ARE IN COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS.

APR 29, 2024 11:02:23 MDA230090.00 CAD DRAWINGS PLAN BETSSW/MC/P-CIVIL-CRSP-MDA230090.00 - LAYOUT: 03 - SECTIONS AND DETAILS

GENERAL NOTE:  
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND ALL CODES/ORDINANCES, REGULATIONS AND SPECIFICATIONS.