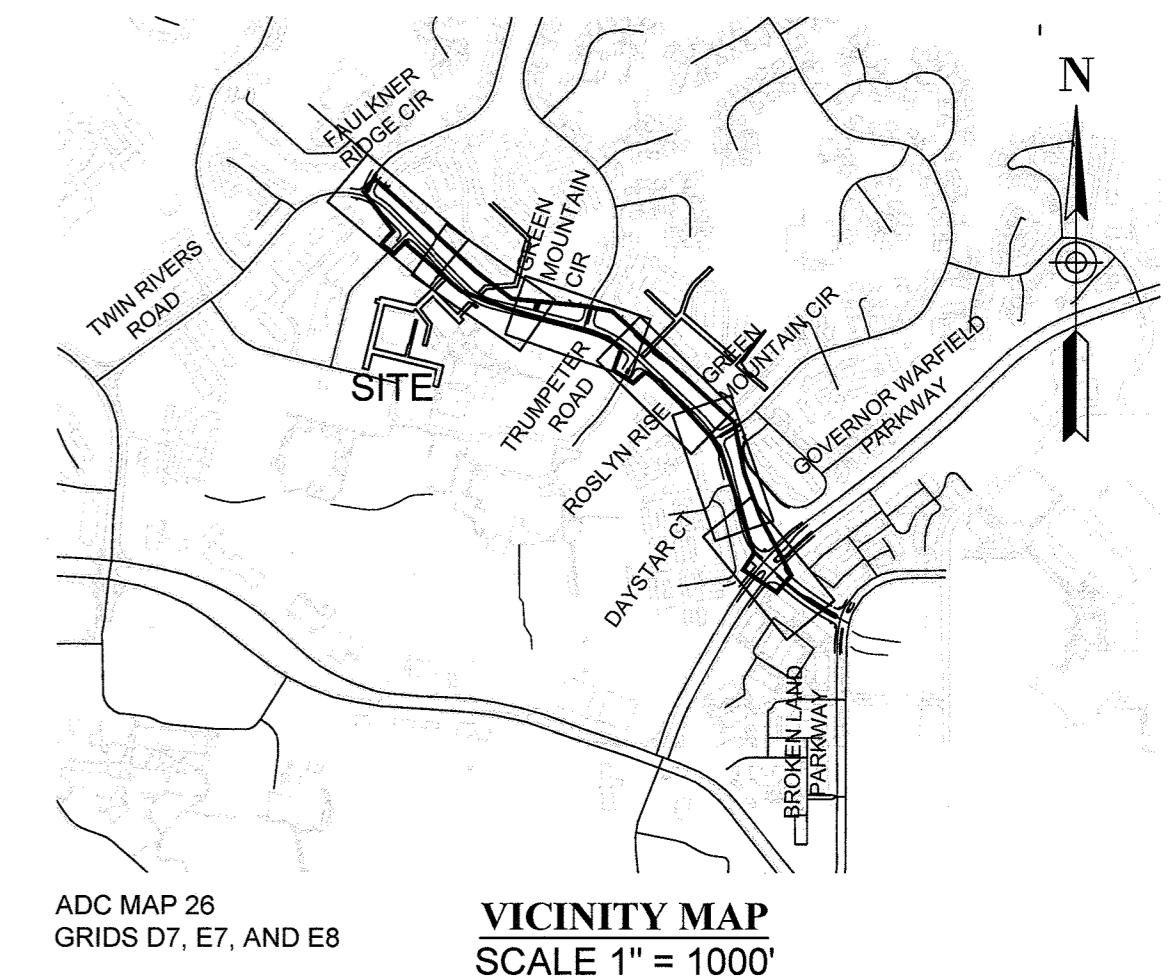


# WILDE LAKE MULTI-USE PATHWAY

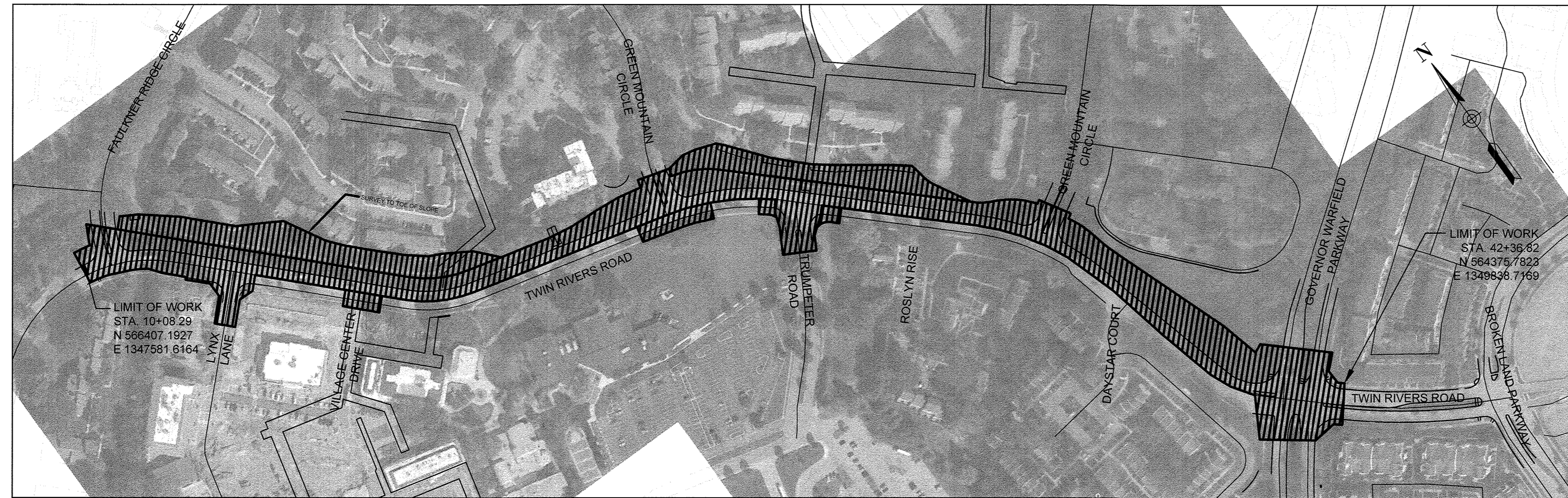
## ENVIRONMENTAL CONCEPT PLAN ECP-19-025

### HOWARD COUNTY, MARYLAND



#### GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY AND MD-SHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410)313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MARYLAND MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MDMUTCD).
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- THE EXISTING TOPOGRAPHY IS FIELD SURVEY PREPARED BY GUTSCHICK LITTLE AND WEBER, PA. DATED APRIL 2017 AND SEPTEMBER 2018.
- SUBSURFACE DATA IS PROVIDED BY AIDATA, INC ON MAY 2017.
- COORDINATES ARE BASED ON NAD '83 NAVD 88 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS 30 GA AND 38 AA.
- ALL PROPOSED IMPROVEMENTS SHALL MEET ALL APPLICABLE HOWARD COUNTY, AASHTO, MDMUTCD AND THE US ACCESS BOARD PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG).
- EXISTING UTILITIES ARE BASED ON AVAILABLE PUBLIC RECORDS AND FIELD LOCATIONS BY GUTSCHICK LITTLE AND WEBER, PA. AND SUBSURFACE UTILITIES LOCATED BY AIDATA ON MAY 2017. THE CONTRACTOR SHALL DIG TEST PITS BY HAND AT ALL EXISTING AND PROPOSED UTILITY CROSSINGS AND CONNECTION POINTS TO VERIFY EXACT UTILITY LOCATIONS AS IDENTIFIED ON DEMOLITION AND TRAIL PLANS.



#### SITE ANALYSIS DATA CHART

AREA OF PLAN SUBMISSION: 2.46 ACRES  
 LIMIT OF DISTURBED AREA: 2.46 ACRES  
 PRESENT ZONING DESIGNATION: NT  
 CEPPA NUMBER: 18  
 PROPOSED USE: MULTI-USE PATH

#### HOWARD COUNTY CONTROL STATIONS

30GA NORTHING: 566,053.5979 EASTING: 1,352,177.5307 ELEVATION: 339.878 (LATEST ADJ. NOV. 2008)	36AA NORTHING: 562,804.8537 EASTING: 1,349,906.1701 ELEVATION: 359.151 (LATEST ADJ. NOV. 2008)
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#### ENVIRONMENTAL CONCEPT NARRATIVE

THIS CONCEPT PLAN EXAMINES THE PROPOSED PRELIMINARY STORMWATER MANAGEMENT FOR THE WILDE LAKE MULTI-USE PATHWAY IN COLUMBIA, MARYLAND. THE SITE IS LOCATED WITHIN FULLY WITHIN PUBLIC AND COLUMBIA ASSOCIATION RIGHT-OF-WAY.

THE PROPOSED PATHWAY WILL REPLACE THE EXISTING 5-FOOT WIDE ASPHALT PATHWAY PARALLEL TO TWIN RIVERS ROAD WITH A NEW 10-FOOT WIDE PATHWAY. THE NEW PATHWAY WILL BE CONSTRUCTED OF STANDARD ASPHALT IN AREAS IMMEDIATELY ADJACENT TO EXISTING STEEP SLOPES AND ABOVE THE TWO PEDESTRIAN TUNNELS WHICH PASS UNDER TWIN RIVERS ROAD. THE NEW PATHWAY WILL BE CONSTRUCTED OF PERMEABLE PAVEMENT OUTSIDE OF THOSE AREAS.

THE 1.45-ACRE PROJECT AREA IS A REDEVELOPMENT SITE WHICH CONSISTS OF REMOVAL OF 0.37 ACRES OF EXISTING IMPERVIOUS SURFACES AND CONSTRUCTION OF 0.30 ACRES OF IMPERVIOUS SURFACES (NEW ASPHALT PATHWAYS AND CONCRETE SIDEWALKS) AND 1.15 ACRES OF PERVIOUS AREA (PERVIOUS ASPHALT AND AREAS OF GRASS COVER). THERE ARE NO STEEP SLOPES WITHIN THE PROJECT AREA. MOST OF THE PARENT SOILS WITHIN THE SITE CONSIST OF HYDROLOGIC GROUP B AND C, ALL OF WHICH ARE STABILIZED WITH GRASS COVER, STREET TREES, AND/OR URBAN LANDSCAPING.

THE SITE DESIGN WILL ACHIEVE THE GOALS OF THE ENVIRONMENTAL SITE DESIGN. THE AVAILABLE PRACTICES FOR USE ON THE SITE AND THE PROPOSED DEVELOPMENT PROGRAM WERE EVALUATED, AND THE FOLLOWING WERE SELECTED AS VIABLE FOR THIS PROJECT.

- NON-ROOFTOP IMPERVIOUS SURFACE DISCONNECTION: IN ALL AREAS WHERE PERMEABLE PAVEMENT CANNOT BE CONSTRUCTED, THERE IS ADEQUATE BUFFER SPACE AT FLATTER THAN 5% SLOPES TO ALLOW FOR DISCONNECTION CREDIT TO BE APPLIED.
- ALTERNATIVE/ PERMEABLE PAVEMENT SURFACES: IN AREAS WHERE ADEQUATE BUFFER TO PERMIT DISCONNECTION WAS NOT AVAILABLE, PERMEABLE PAVEMENT WAS DETERMINED TO BE THE MOST VIABLE METHOD FOR STORMWATER MANAGEMENT PARTLY BECAUSE THE PATHWAY IS A LINEAR FACILITY AND IT IS PRIMARILY LOCATED ADJACENT TO EXISTING ROADWAY AREAS. IN ADDITION, THE PROJECT IS MOSTLY LOCATED WITHIN AN URBAN CONTEXT.

THE METHODOLOGY FOR DETERMINING THE STORMWATER MANAGEMENT REQUIREMENTS OF THE SITE WAS TAKEN FROM THE ENVIRONMENTAL SITE DESIGN (ESD) REDEVELOPMENT EXAMPLES PAMPHLET DATED OCTOBER 2010 THAT WAS PUBLISHED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT. THE RESULTING REQUIREMENT TO PROVIDE AN ESD VOLUME WAS THEN COMPARED AGAINST THE PROPOSED ESD VOLUME PROVIDED IN THE PROPOSED PRACTICE LOCATIONS AND COMPARED AGAINST THE STORAGE CAPACITY OF THE PROPOSED PRACTICES.

THE ENVIRONMENTAL CONCEPT PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH THE LATEST HOWARD COUNTY STANDARDS. THE DESIGN PRESENTED WILL MEET THE INTENT OF THE REGULATIONS AND SERVE TO PROVIDE BENEFICIAL STORMWATER MANAGEMENT TO HELP IN BETTERING THE INTEGRITY OF THE WATERSHED.

- NO WETLANDS, STREAMS, OR FLOODPLAINS ARE LOCATED WITHIN OR ADJACENT TO THE SITE.
- NO HISTORIC STRUCTURES OR CEMETERIES ARE IMPACTED BY THIS SITE.
- NO TRAFFIC OR NOISE STUDIES ARE REQUIRED FOR THIS PROJECT.
- SUBJECT PROPERTIES ARE ZONED NT PER THE OCTOBER 6, 2013 COMPREHENSIVE ZONING PLAN. THE PROJECT IS INTENDED TO FULFILL COMMUNITY ENHANCEMENTS, PROGRAMS, AND PUBLIC AMENITIES (CEPPA) REQUIREMENT #18, WHICH IS FOR THE HRD TO CONSTRUCT AT ITS EXPENSE THE WILDE LAKE TO DOWNTOWN COLUMBIA PEDESTRIAN AND BICYCLE PATHWAY.
- NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED WETLANDS, STREAM(S) OR THEIR BUFFERS, AND 100 YEAR FLOODPLAIN.
- LANDSCAPE PLANS HAVE BEEN PREPARED BY A REGISTERED LANDSCAPE ARCHITECT AND ARE CERTIFIED TO CONFORM TO THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL.
- IN ACCORDANCE WITH SUBSECTION 16.1202(b)(1)(iv) THIS PROJECT IS EXEMPT FROM THE REQUIREMENT OF SECTION 16.1200 OF HOWARD COUNTY CODE FOR FOREST CONSERVATION SINCE IT IS PART OF A PLANNED UNIT DEVELOPMENT WHICH HAD PRELIMINARY PLAN APPROVAL AND 50% OR MORE OF THE LAND WAS RECORDED AND SUBSTANTIALLY DEVELOPED BEFORE DECEMBER 31, 1992.
- STORM WATER MANAGEMENT REQUIREMENTS WILL BE FULFILLED WITH THE USE OF PERMEABLE ASPHALT AND NON-ROOFTOP DISCONNECTIONS.

#### APPLICABLE DPZ FILES: SYMPHONY WOODS PARK FDP-DC-MSW-1

20. IMPACTS TO EXISTING FOREST WILL BE MITIGATED BY 1:1 ONSITE REPLACEMENT PLANTINGS FOR THE TREE REMOVED.

21. PATH DEVELOPER: HOWARD HUGHES CORPORATION  
 PATH OWNER: HOWARD COUNTY  
 PATH MAINTENANCE: DOWNTOWN PARTNERSHIP (INTERIM)  
 PATH LAND OWNER: COLUMBIA ASSOCIATION

22. APPROVAL OF THIS ECP DOES NOT CONSTITUTE APPROVAL OF ANY SUBSEQUENT AND ASSOCIATED SUBDIVISION PLAN, SITE DEVELOPMENT PLAN, OR GRADING OR BUILDING PERMIT PLAN. REVIEW OF THIS PROJECT FOR COMPLIANCE WITH THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE HOWARD COUNTY ZONING REGULATIONS SHALL OCCUR AT THE SUBDIVISION, SITE DEVELOPMENT PLAN OR GRADING AND BUILDING PERMIT STAGES. THE APPLICANT AND CONSULTANT SHOULD EXPECT ADDITIONAL AND MORE DETAILED REVIEW COMMENTS (INCLUDING COMMENTS THAT MAY ALTER THE OVERALL SITE DESIGN) AS THIS PROJECT PROGRESSES THROUGH THE PLAN REVIEW PROCESS.

#### SHEET INDEX

SHEET NUMBER	DRAWING NUMBER	DESCRIPTION
1	C0.0	COVER SHEET
2	C1.1	CONCEPT PLAN
3	C1.2	CONCEPT PLAN
4	C1.3	CONCEPT PLAN
5	C1.4	CONCEPT PLAN
6	C1.5	CONCEPT PLAN
7	C1.6	CONCEPT PLAN
8	C1.7	CONCEPT PLAN

#### WILDE LAKE CONNECTOR TRAIL PROPERTY OWNERSHIP

Property Number	Zone	Account ID	Property Ownership	Legal Description / Address	Plat No.	Deed Liber	Deed Folio	Tax Map	Tax Map Grid	Parcel	Lot	Easement	Parcel Area
1	NT	1415025611	HIRASUNA MICHAEL	P/O LOT 1 S 10 AR 2 10528 CROSS FOX LN VWL COLUMBIA	Not Found	5916	96	29	24	315	UN A1		998 SF
2	NT	1415010991	COLUMBIA ASSOCIATION INC	6.082 A. OPEN SPACE EASEMENTS FAULKNER RIDGE S 5	Not Found	3324	191	29	0	236	OP SP	Temp., Perm.	6.0800 AC
3	NT	1415014636	WILDE LAKE BUSINESS TRUST	LOT 7 31,188 SQ' 5400 LYNX LN VIL WILDE LAKE S4 A2		1838	14491	236	29	24	272	7	31,188 SF
4	NT	1415043261	WILDE LAKE BUSINESS TRUST C/O KIMCO REALTY CORP STE 100	PAR B 6.060 A 10459 TWIN RIVERS RD COLUMBIA VILLAGE OF WILDE LAKE		1243	6102	385	29	24	132	PAR B	6.0600 AC
5	NT	1415044624	WILDE LAKE BUSINESS TRUST C/O KIMCO REALTY CORP STE 100	PAR A 1.353 A 10469 TWIN RIVERS RD COLUMBIA VILLAGE OF WILDE LAKE		1243	6102	385	29	24	132	PAR A	1.3530 AC
6	NT	1415066539	PIERRE KEVIN JEAN	P/O LOT 1 P/O .4001A 10660 GREEN MOUNTAIN CIR VIL WILDE LAKE S 10 AR 1	5544	15992	194	29	24	335	UN 1		1,126 SF
7	NT	1415010339	COLUMBIA ASSOCIATION INC	LOT 4 2.842 A TWIN RIVERS RD VILL CENTER S 4	Not Found	3324	191	29	24	132	4	Temp., Perm.	2,840 AC
8	NT	1415064846	WILDE LAKE INTERFAITH RELIGIOUS CENTER	LOT 5 7.573 A TWIN RIVERS RD VILLAGE OF WILDE LAKE	Not Found	4107	713	30	19	272	5		7,5700 AC
9	NT	1415011149	COLUMBIA ASSOCIATION INC	LOT 211 .320 A GREEN MOUNTAIN CIR BRYANT WOODS S1	Not Found	3324	191	30	0	241	211	Temp., Perm.	0.3200 AC
10	NT	1415064129	NEELY KATHLEEN V/NEELY KRISTEN	P/OLOT 209 2.985 A 10850 GREEN MOUNTAIN CIR VIL WILDE LAKE		5157	14532	439	30	19	379	U 214	746 SF
10	NT	1415064536	BROCK CHRISTOPHER J	P/OLOT 209 2.985 A 10850 GREEN MOUNTAIN CIR VIL WILDE LAKE		5157	3817	614	30	19	379	U 505	490 SF
11	NT	1415011130	COLUMBIA ASSOCIATION INC	LOT 212 .891 A GREEN MOUNTAIN CIR BRYANT WOODS S1	Not Found	3324	191	30	0	241	212	Temp., Perm.	0.8900 AC
12	NT	1415063793	AHMED ZAHRA M	P/O LOTS 213 214 220 5541 GREEN MOUNTAIN CIR VIL WILDE LAKE		5145	7955	642	30	19	241	UN 5	1,197 SF
12	NT	1415063807	FLORES DAVID/FLORES JACQUELINE	P/O LOTS 213 214 220 5541 GREEN MOUNTAIN CIR VIL WILDE LAKE		5145	15933	52	30	19	241	UN 6	929 SF
13	NT	1415010509	COLUMBIA ASSOCIATION INC	LOT 18 .955 TRUMPETER RD VIL WILDE LAKE	Not Found	3324	191	30	19	272	18	Temp., Perm.	41,572 SF
14	NT	1415009063	COMMUNITY HOMES HOUSING INC	LOT 2 S 10 AREA 4 TWIN RIVERS RD VIL OF WILDE LAKE	Not Found	8883	34	30	19	272	2		3,5000 AC
15	NT	1415010681	COLUMBIA ASSOCIATION INC	LOT 3 S10 AR4 .400A TWIN RIVERS RD VIL WILDE LAKE	Not Found	3324	191	36	1	81	3	Temp., Perm.	0.4000 AC
16	NT	1415063793	AHMED ZAHRA M	P/O LOTS 213 214 220 5541 GREEN MOUNTAIN CIR VIL WILDE LAKE		5145	7955	642	30	19	241	UN 5	1,197 SF
16	NT	1415063807	FLORES DAVID/FLORES JACQUELINE	P/O LOTS 213 214 220 5541 GREEN MOUNTAIN CIR VIL WILDE LAKE		5145	15933	52	30	19	241	UN 6	929 SF
17	NT	1415068854	BRYAN SQUARE COMMUNITY ASSOCI	P/O LOT 4 89 4.234 A NIGHTMIST CT VIL WILDE LAKE S 10 AR 4	Not Found	641	231	36	1	361	489		4,2300 AC
18	NT	1415011025	COLUMBIA ASSOCIATION INC	LOT 221 1.567 A GREEN MOUNTAIN CIR BRYANT WOODS S1	Not Found	3324	191	30	0	241	221	Temp., Perm.	1,5600 AC
19	NT	1415006889	HOWARD COUNTY MARYLAND	LOT 4-92 .11 A. NIGHTMIST CT VIL WILDE LAKE S10 A4	Not Found	3127	156	36	1	361	492		0.1100 AC
20	NT	1415137002	PAEZ RALPH M/PAEZ KATHRN A	P/O PAR B P/O 276185 10211 PEMBROKE GREEN #83 GOVERNOR GRANT CONDO S	16998	8827	304	36	1	382	83		2,000 SF
20	NT	1415136979	DLJ MORTGAGE CAPITAL INC	P/O PAR B P/O 276185 10211 PEMBROKE GREEN #83 GOVERNOR GRANT CONDO S	16998	16771	441	36	1	382	80		2,130 SF
21	NT	1415129638	XUE MELISSA	P/O PAR B 31265 SQ 10742 SYMPHONY WAY WHITNEY TN CTR CONDO		13538	12053	391	36	1	514	U 103	1,605 SF
21	NT	1415129689	NAGY ANDREA C	P/O PAR B 31265 SQ 10742 SYMPHONY WAY WHITNEY TN CTR CONDO		13538	15302	206	36	1	514	U 204	1,559 SF

PERMIT INFORMATION CHART					
PROJECT NAME:		WILDE LAKE MULTI-USE PATHWAY		SECTION/AREA	PARCEL
				SEE SHEET 03	SEE SHEET 03
L/F	ZONE	TAX MAP	BLOCK	ELEC. DIST.	CENSUS TRACT
N/A	NT	29/30/36	MULTIPLE	20	6054

COVER SHEET C0.0		
SCALE	ZONING	IDG. FILE No.
AS SHOWN	NT	5477.02
DATE	TAX MAP - GRID	SHEET
12/19/18	29/30/36	01 OF 08

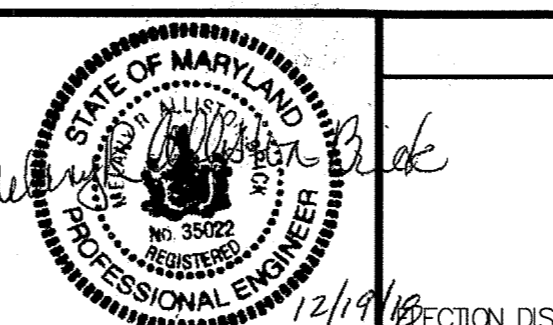
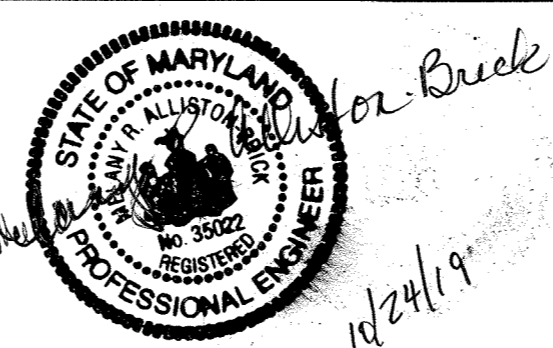
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
 [Signature] 10/29/17  
 Chief, Division of Land Development  
 [Signature] 10/31/19  
 Chief, Development Engineering Division

NOT FOR CONSTRUCTION

**TOOLE DESIGN**  
 8484 GEORGIA AVENUE  
 SUITE 800  
 SILVER SPRING, MD 20910  
 PHONE: 301.927.1900  
 FAX: 301.927.2800  
 www.tooledesign.com

**Howard Hughes**  
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 Greg Filchik, President, Maryland Region  
 410.914.4800 - Greg.Filchik@howardhughes.com

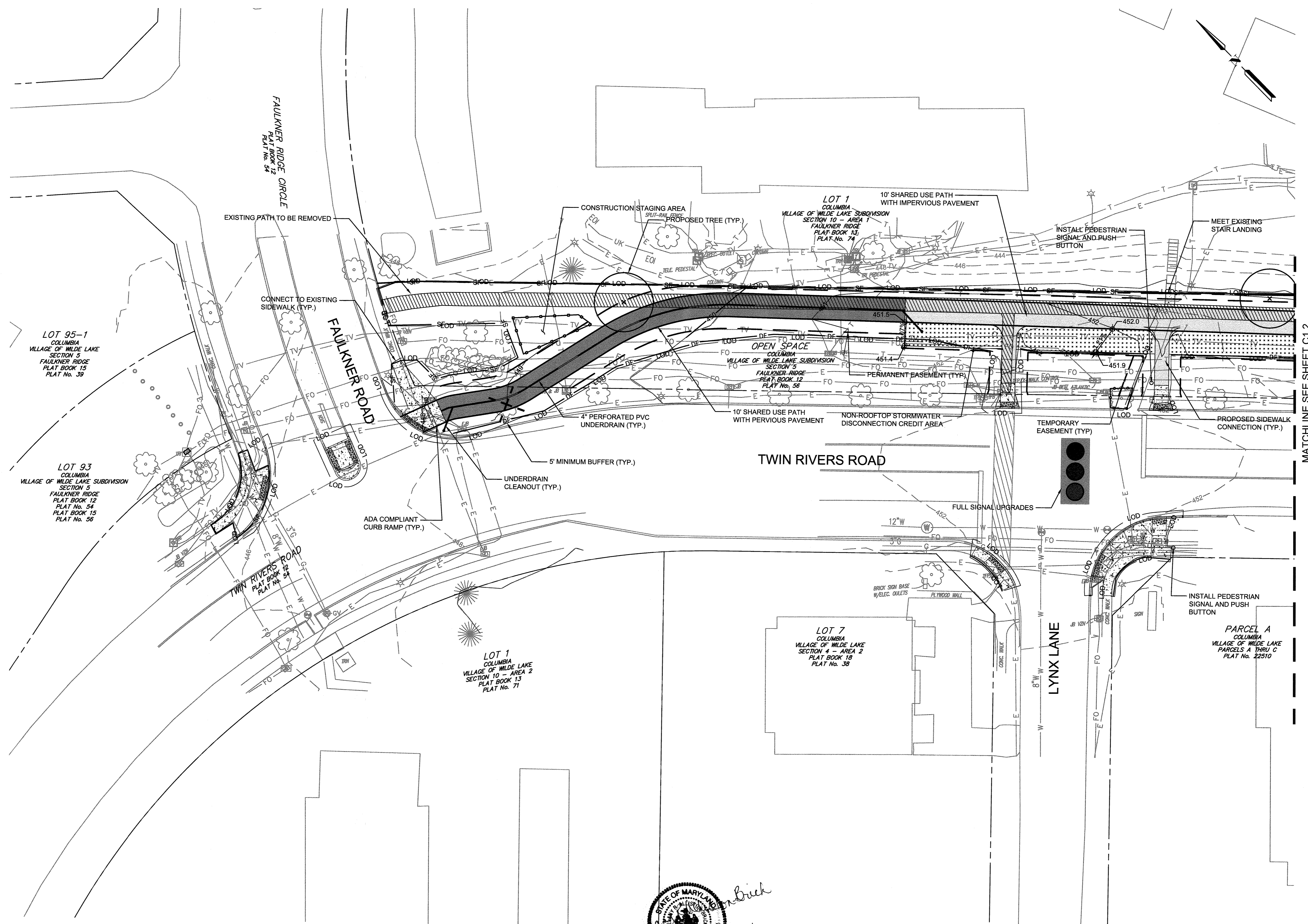
**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO. 35022  
 EXPIRATION DATE: 12/28/19



WILDE LAKE MULTI-USE PATHWAY  
 GOVERNOR WARFIELD PKWY. TO LYNX LANE  
 COLUMBIA, MD

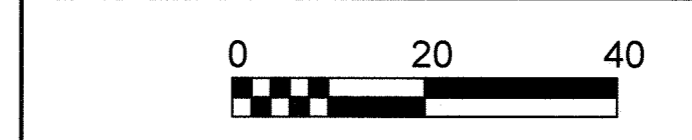


- LEGEND**
- TREE TO BE REMOVED
  - PROPOSED DECIDUOUS TREE
  - PROPOSED EVERGREEN TREE
  - IMPERVIOUS ASPHALT TRAIL
  - PERVIOUS ASPHALT TRAIL
  - CONCRETE SIDEWALK, RAMP, MEDIAN
  - NON-ROOFTOP STORMWATER DISCONNECTION CREDIT AREA
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  - DIVERSION FENCE
  - TREE PROTECTON
  - LIMIT OF DISTURBANCE
  - CURB INLET PROTECTION
  - PERMANENT EASEMENT
  - TEMPORARY CONSTRUCTION EASEMENT
  - PROPERTY BOUNDARY



NOT FOR CONSTRUCTION

*Greg Fitchitt*  
 10/24/19  
 PROFESSIONAL ENGINEER



CONCEPT PLAN C1.1

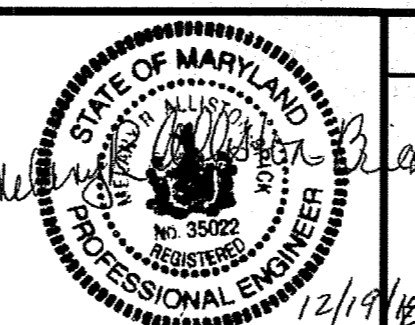
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
*Kathleen Smith* 10/29/19  
 Chief, Division of Land Development  
*Paul Church* 10/31/19  
 Chief, Development Engineering Division

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DES.	DPB	DRN.	AG	CHK.	EM	DATE	REVISION	BY	APPR.

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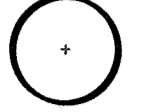

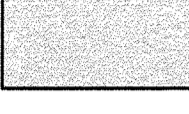
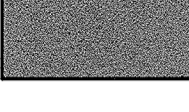
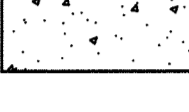


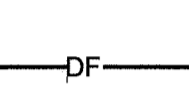
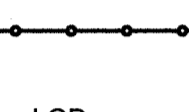
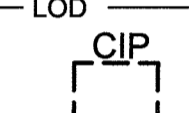
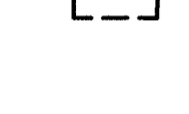



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 GOVERNOR WARFIELD PKWY. TO LYNX LANE  
 COLUMBIA, MD

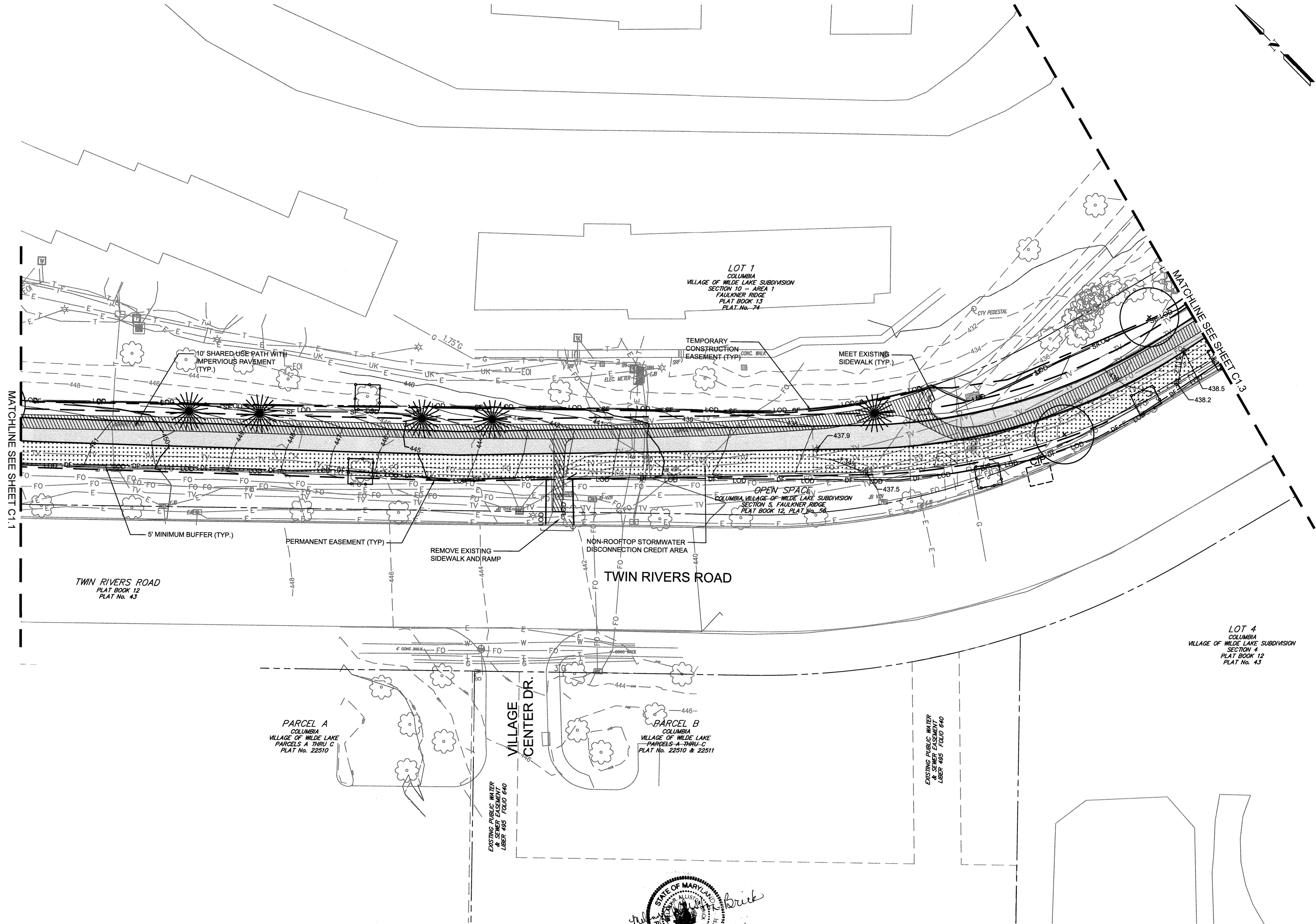
SCALE	ZONING	TDG. FILE No.
1" = 20'	NT	5477.02
DATE	TAX MAP - GRID	SHEET
12/19/18	29/30/36	02 OF 08

HOWARD COUNTY



**LEGEND**

-  TREE TO BE REMOVED
-  PROPOSED DECIDUOUS TREE
-  PROPOSED EVERGREEN TREE
-  IMPERVIOUS ASPHALT TRAIL
-  PERVIOUS ASPHALT TRAIL
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-  CURB INLET PROTECTION
-  PERMANENT EASEMENT
-  TEMPORARY CONSTRUCTION EASEMENT



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*Kevin L. Loman* 10/29/19  
 Chief, Division of Land Development  
 Date

*David Clark* 10/31/19  
 Chief, Development Engineering Division  
 Date

NOT FOR CONSTRUCTION

**TOOLE DESIGN**

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DES. DPB	DRN. AG	CHK. EM	DATE	REVISION	BY	APPR.

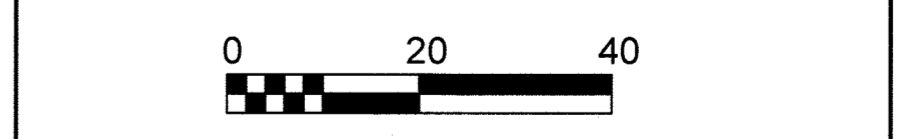
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 GOVERNOR WARFIELD PKWY. TO LYNX LANE  
 COLUMBIA, MD


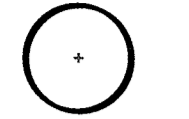

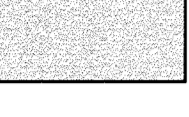

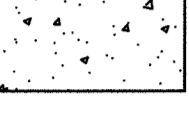



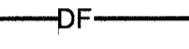
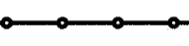

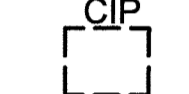





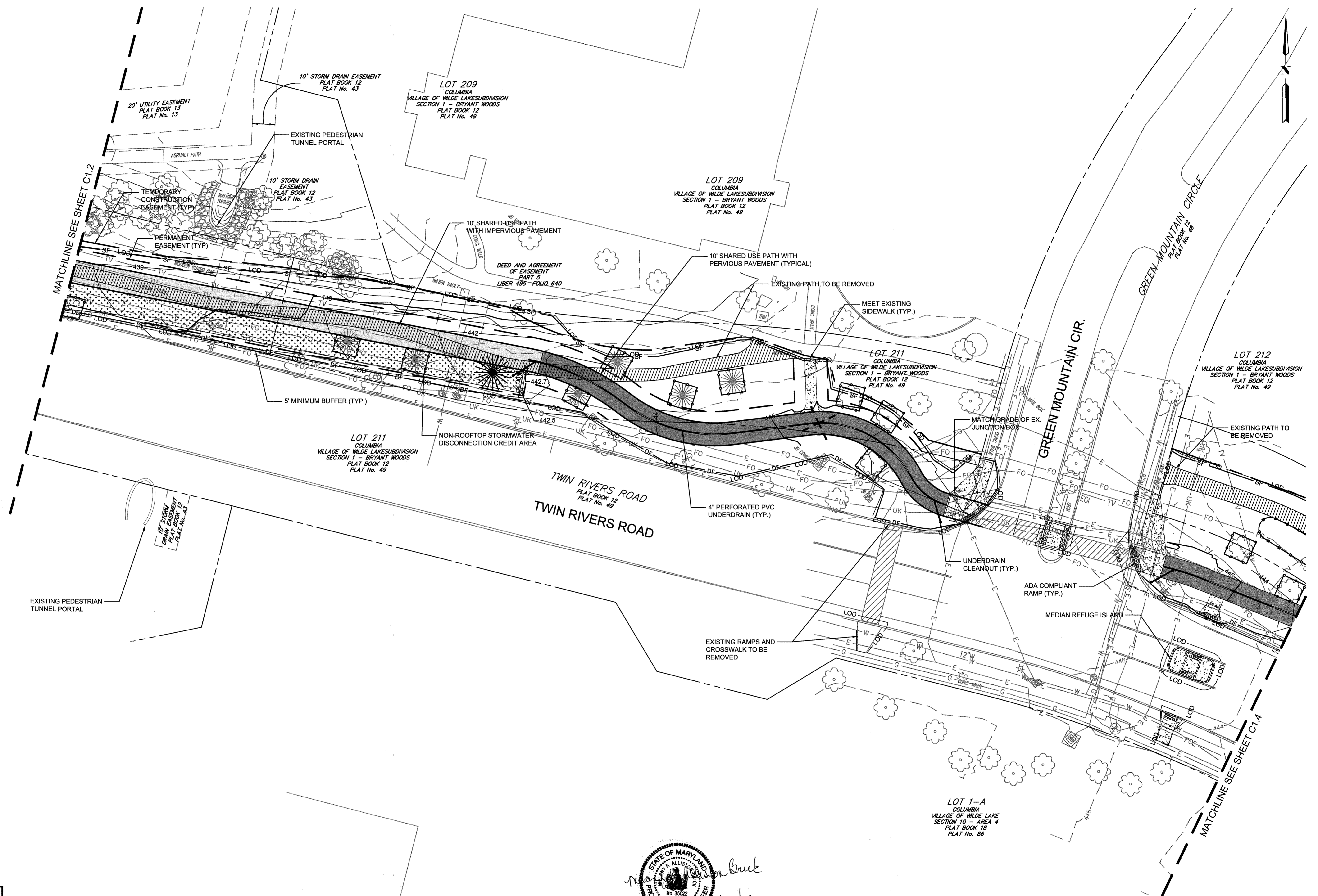
CONCEPT PLAN C1.2

SCALE 1" = 20'	ZONING NT	TDG. FILE No. 5477.02
DATE 12/19/18	TAX MAP - GRID 29/30/36	SHEET 03 OF 08

HOWARD COUNTY



- LEGEND**
-  TREE TO BE REMOVED
  -  PROPOSED DECIDUOUS TREE
  -  PROPOSED EVERGREEN TREE
  -  IMPERVIOUS ASPHALT TRAIL
  -  PERVIOUS ASPHALT TRAIL
  -  CONCRETE SIDEWALK, RAMP, MEDIAN
  -  NON-ROOFTOP STORMWATER DISCONNECTION CREDIT AREA
  -  EXISTING PATH DEMOLITION
  -  SILT FENCE
  -  DIVERSION FENCE
  -  TREE PROTECTON
  -  LIMIT OF DISTURBANCE
  -  CURB INLET PROTECTION
  -  PERMANENT EASEMENT
  -  TEMPORARY CONSTRUCTION EASEMENT
  -  PROPERTY BOUNDARY



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*Keith L. Donk* 10/29/19  
Chief, Division of Land Development

*Phil Clarke* 10.31.19  
Chief, Development Engineering Division

**NOT FOR CONSTRUCTION**

0 20 40

**CONCEPT PLAN C1.3**

<b>TOOLE DESIGN</b>	8484 GEORGIA AVENUE SUITE 800 SILVER SPRING, MD 20910 PHONE: 301.927.1900 FAX: 301.927.2800 www.tooledesign.com						
	DES. DPB	DRN. AG	CHK. EM	DATE	REVISION	BY	APPR.

**Howard Hughes**  
THE HOWARD HUGHES CORPORATION  
10480 LITTLE PATUXENT PKWY, SUITE 400  
COLUMBIA, MD 21044  
Greg Fitchitt, President, Maryland Region  
410.964.4800 - Greg.Fitchitt@howardhughes.com

**PROFESSIONAL CERTIFICATION**  
I HEREBY CERTIFY THAT THESE PLANS 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. 35022  
EXPIRATION DATE: 12/28/19

**STATE OF MARYLAND**  
PROFESSIONAL ENGINEER  
No. 35022  
12/19/19

**WILDE LAKE MULTI-USE PATHWAY**  
GOVERNOR WARFIELD PKWY. TO LYNX LANE  
COLUMBIA, MD

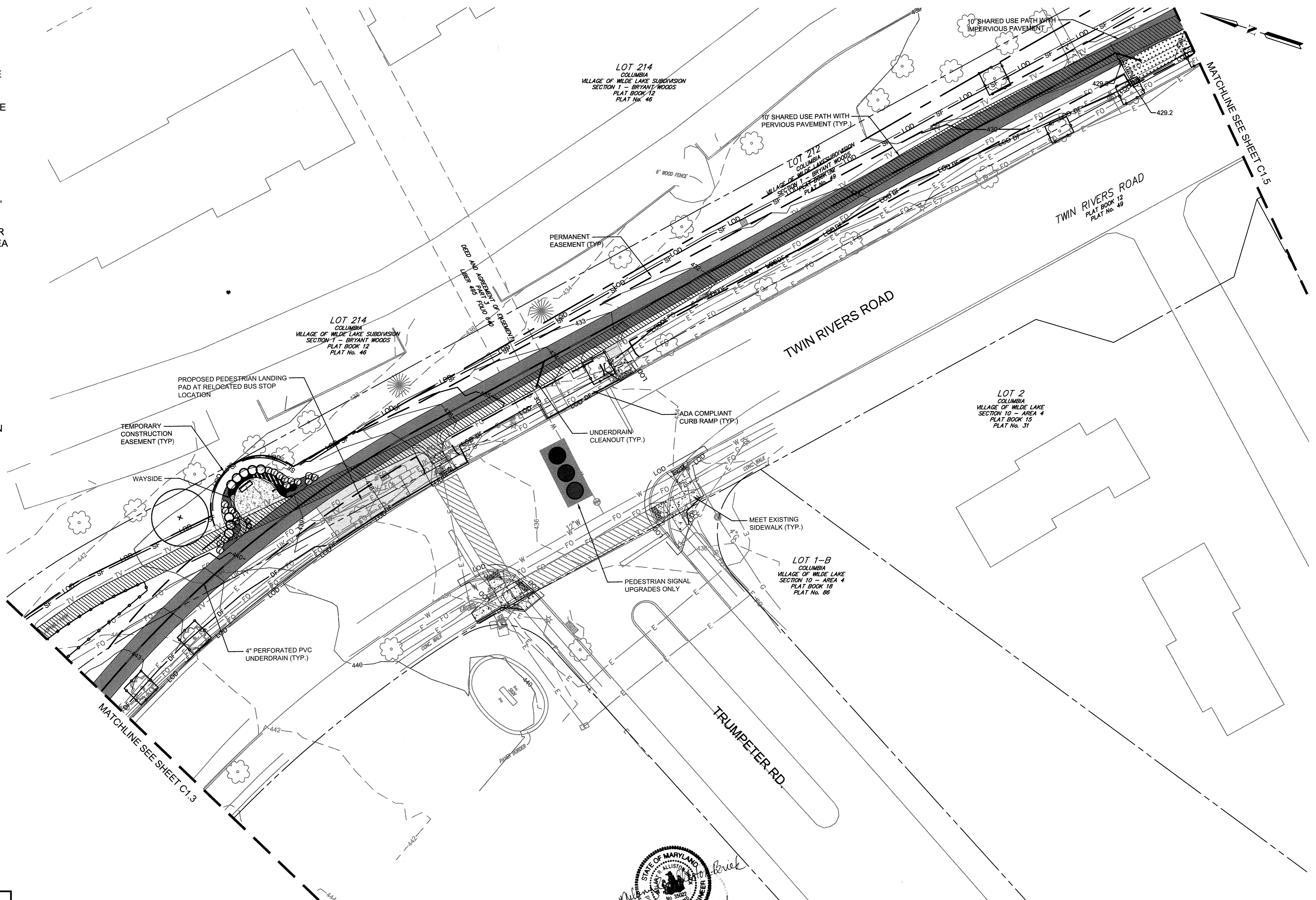
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DATE 12/19/18	TAX MAP - GRID 29/30/36	SHEET 04 OF 08

SECTION DISTRICT 5 HOWARD COUNTY

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 PLOTTED: 12/20/2018 4:46 PM, LAST SAVED: 12/20/2018 4:33 PM, PLOTTED BY: Melissa Riccio



- LEGEND**
- TREE TO BE REMOVED
  - PROPOSED DECIDUOUS TREE
  - PROPOSED EVERGREEN TREE
  - IMPERVIOUS ASPHALT TRAIL
  - PERVIOUS ASPHALT TRAIL
  - CONCRETE SIDEWALK, RAMP, MEDIAN
  - NON-ROOFTOP STORMWATER DISCONNECTION CREDIT AREA
  - EXISTING PATH DEMOLITION
  - SILT FENCE
  - DIVERSION FENCE
  - TREE PROTECTON
  - LIMIT OF DISTURBANCE
  - CURB INLET PROTECTION
  - PERMANENT EASEMENT
  - TEMPORARY CONSTRUCTION EASEMENT
  - PROPERTY BOUNDARY



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APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
*Valeria Biscoe* 10/29/19  
 Chief, Division of Land Development  
*Chris Fitchitt* 10/31/19  
 Chief, Development Engineering Division

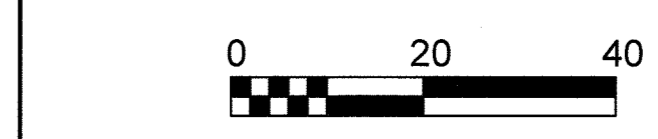
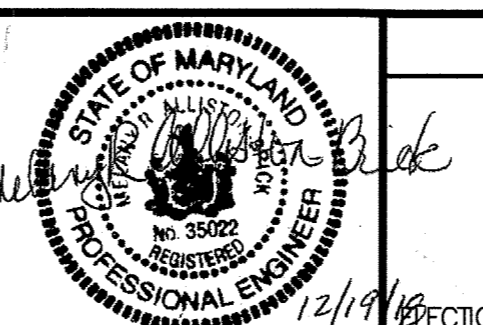
NOT FOR CONSTRUCTION

**TOOLE DESIGN**  
 8484 GEORGIA AVENUE  
 SUITE 800  
 SILVER SPRING, MD 20910  
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 FAX: 301.927.2800  
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DES. DPB	DRN. AG	CHK. EM	DATE	REVISION	BY	APPR.

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 COLUMBIA, MD 21044  
 Greg Fitchitt, President, Maryland Region  
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 LICENSE NO. 35022  
 EXPIRATION DATE: 12/28/19



CONCEPT PLAN C1.4

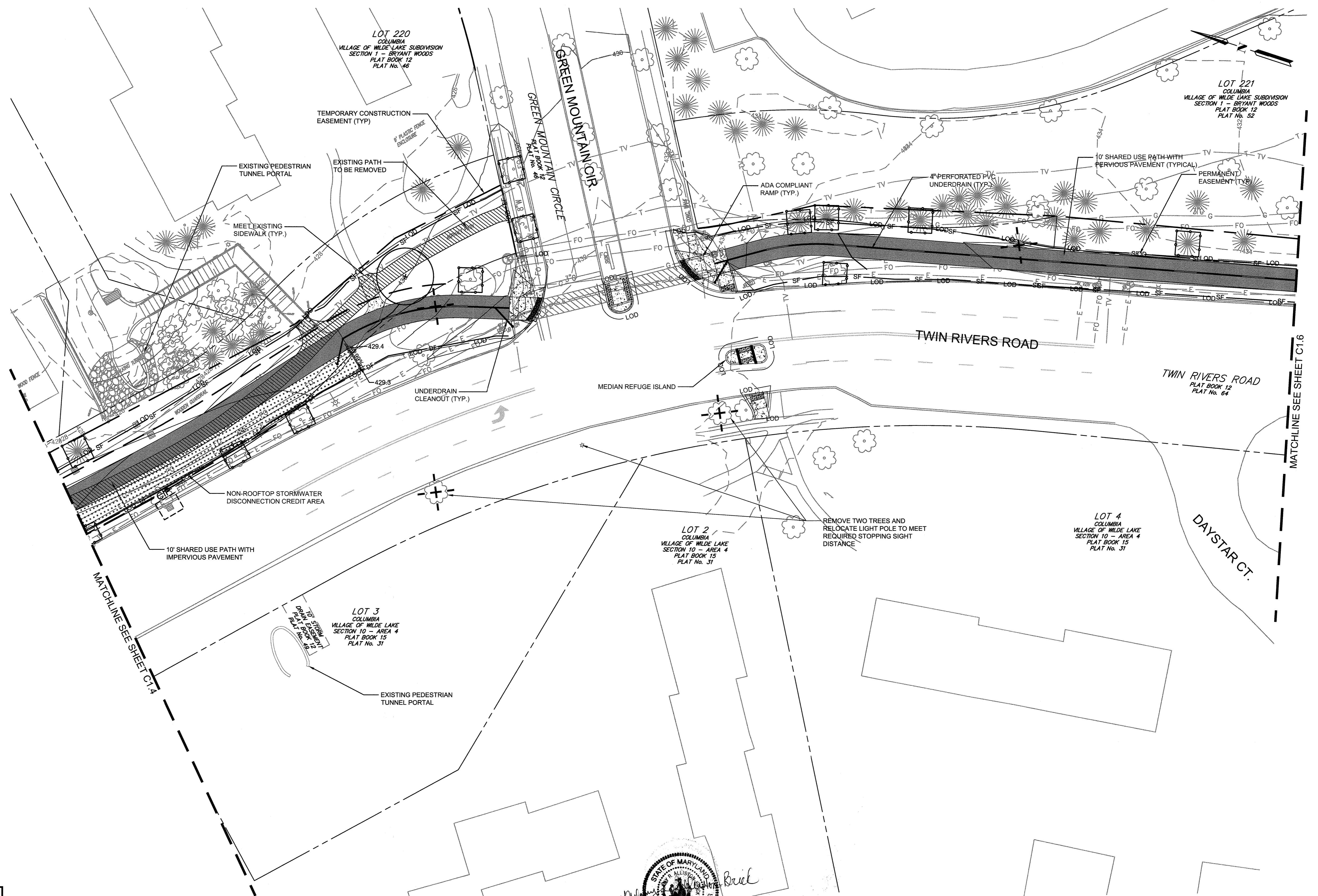
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1" = 20'	NT	5477.02
DATE	TAX MAP - GRID	SHEET
12/19/18	29/30/36	05 OF 08

WILDE LAKE MULTI-USE PATHWAY  
 GOVERNOR WARFIELD PKWY. TO LYNX LANE  
 COLUMBIA, MD

HOWARD COUNTY SECTION DISTRICT 5



- LEGEND**
- TREE TO BE REMOVED
  - PROPOSED DECIDUOUS TREE
  - PROPOSED EVERGREEN TREE
  - IMPERVIOUS ASPHALT TRAIL
  - PERVIOUS ASPHALT TRAIL
  - CONCRETE SIDEWALK, RAMP, MEDIAN
  - NON-ROOFTOP STORMWATER DISCONNECTION CREDIT AREA
  - EXISTING PATH DEMOLITION
  - SILT FENCE
  - DIVERSION FENCE
  - TREE PROTECTON
  - LIMIT OF DISTURBANCE
  - CURB INLET PROTECTION
  - PERMANENT EASEMENT
  - TEMPORARY CONSTRUCTION EASEMENT
  - PROPERTY BOUNDARY



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*Kurt D. Quam* 10/29/19  
Chief, Division of Land Development Date

*David E. ...* 10.31.19  
Chief, Development Engineering Division Date

**TOOLE DESIGN**

8484 GEORGIA AVENUE  
SUITE 800  
SILVER SPRING, MD 20910  
PHONE: 301.927.1900  
FAX: 301.927.2800  
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DES. DPB	DRN. AG	CHK. EM	DATE	REVISION	BY	APPR.

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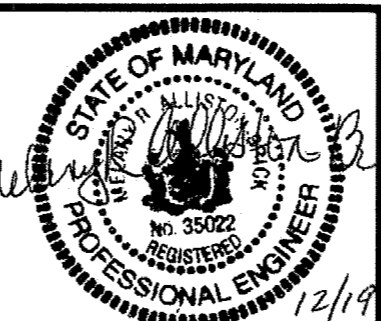
**Howard Hughes**  
THE HOWARD HUGHES CORPORATION  
10480 LITTLE PATUXENT PKWY, SUITE 400  
COLUMBIA, MD 21044

Greg Fitchell, President, Maryland Region  
410.964.4800 - Greg.Fitchell@howardhughes.com

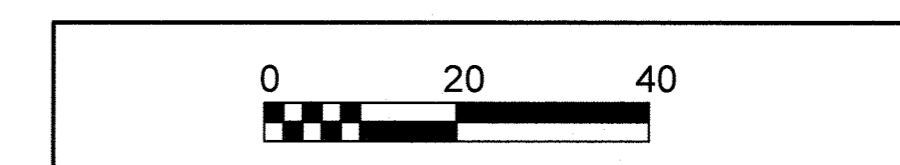
**PROFESSIONAL CERTIFICATION**

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LICENSE NO. 35022  
EXPIRATION DATE: 12/28/19



WILDE LAKE MULTI-USE PATHWAY  
GOVERNOR WARFIELD PKWY. TO LYNX LANE  
COLUMBIA, MD



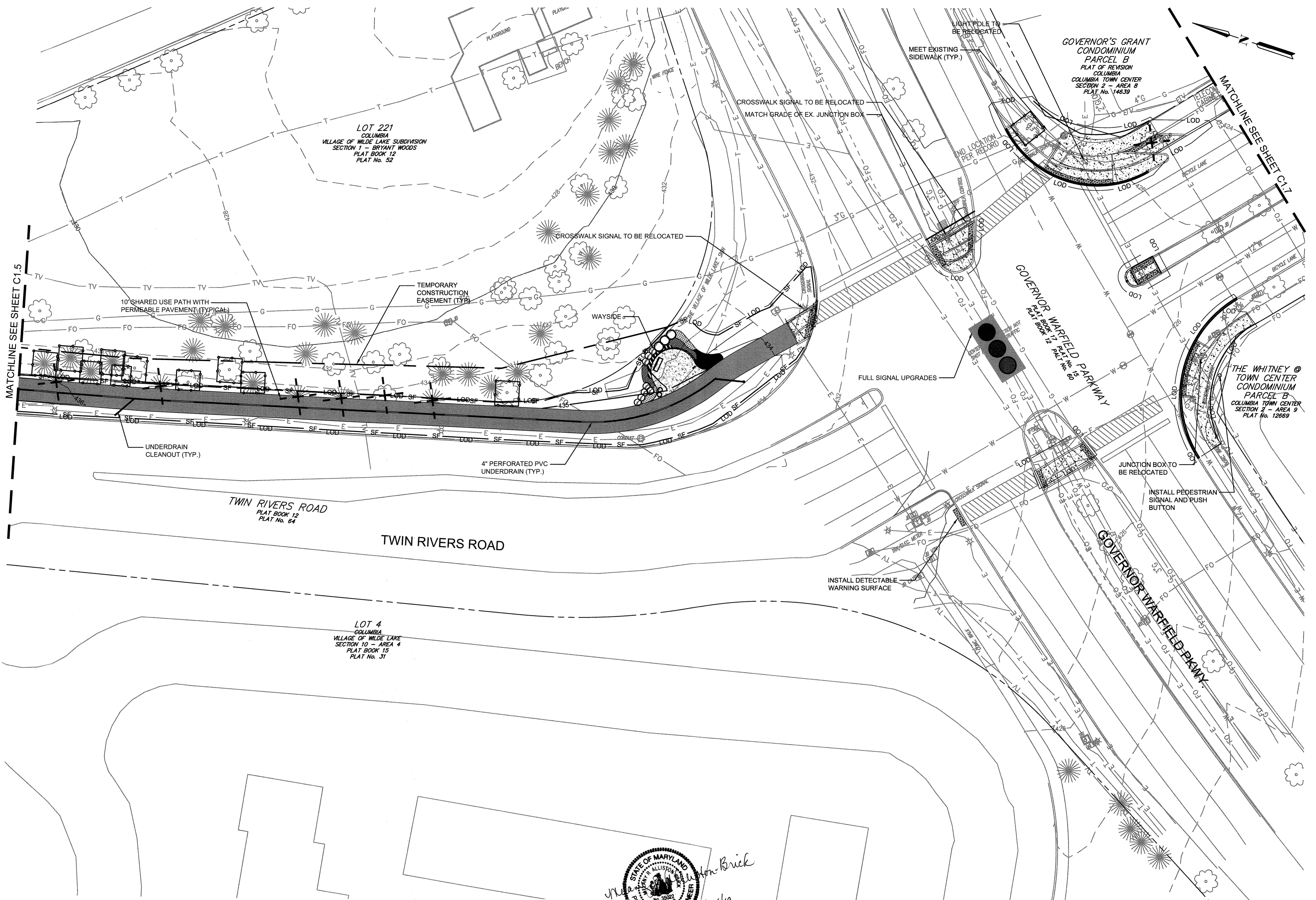
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DATE 12/19/18	TAX MAP - GRID 29/30/36	SHEET 06 OF 08

*Greg Fitchell*  
10/24/19

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- LEGEND**
- TREE TO BE REMOVED
  - PROPOSED DECIDUOUS TREE
  - PROPOSED EVERGREEN TREE
  - IMPERVIOUS ASPHALT TRAIL
  - PERVIOUS ASPHALT TRAIL
  - CONCRETE SIDEWALK, RAMP, MEDIAN
  - NON-ROOFTOP STORMWATER DISCONNECTION CREDIT AREA
  - EXISTING PATH DEMOLITION
  - SILT FENCE
  - DIVERSION FENCE
  - TREE PROTECTON
  - LIMIT OF DISTURBANCE
  - CURB INLET PROTECTION
  - PERMANENT EASEMENT
  - TEMPORARY CONSTRUCTION EASEMENT
  - PROPERTY BOUNDARY



NOT FOR CONSTRUCTION

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*Karl DeLoach* 10/29/19  
 Chief, Division of Land Development Date

*Chad Chamber* 10/31/19  
 Chief, Development Engineering Division Date

**TOOLE DESIGN**

8484 GEORGIA AVENUE  
 SUITE 800  
 SILVER SPRING, MD 20910  
 PHONE: 301.927.1900  
 FAX: 301.927.2800  
 www.tooledesign.com

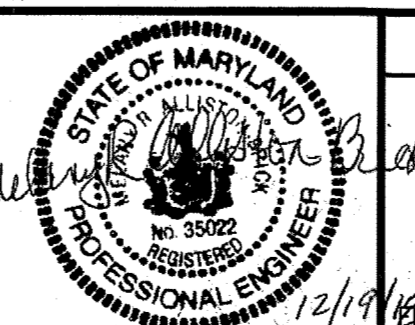
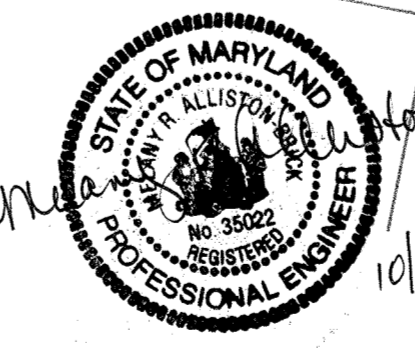
DES. DPB	DRN. AG	CHK. EM	DATE	REVISION	BY	APPR.

**Howard Hughes**  
 THE HOWARD HUGHES CORPORATION  
 10480 LITTLE PATUXENT PKWY, SUITE 400  
 COLUMBIA, MD 21044

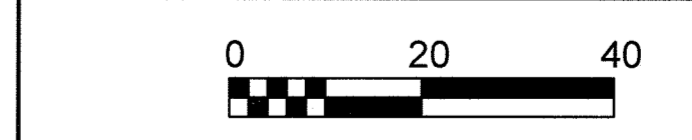
Greg Fitchitt, President, Maryland Region  
 410.964.4800 - Greg.Fitchitt@howardhughes.com

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WILDE LAKE MULTI-USE PATHWAY  
 GOVERNOR WARFIELD PKWY. TO LYNX LANE  
 COLUMBIA, MD




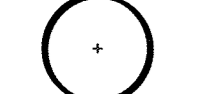



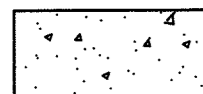


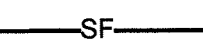
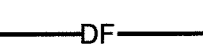
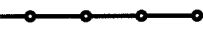
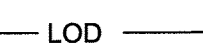
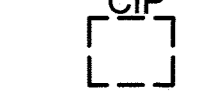



CONCEPT PLAN C1.6

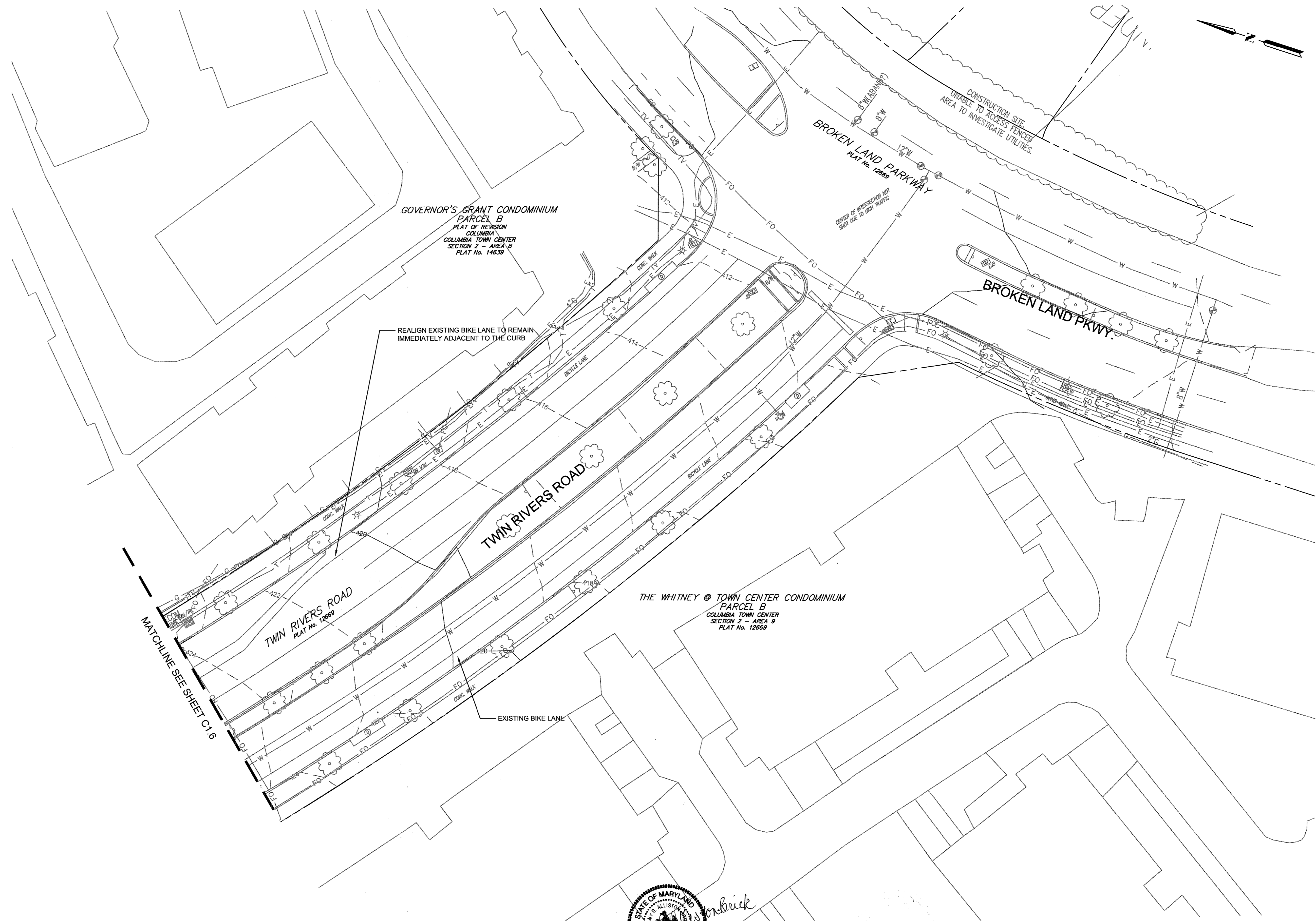
SCALE	ZONING	TDG. FILE No.
1" = 20'	NT	5477.02
DATE	TAX MAP - GRID	SHEET
12/19/18	29/30/36	07 OF 08

HOWARD COUNTY



**LEGEND**

-  TREE TO BE REMOVED
-  PROPOSED DECIDUOUS TREE
-  PROPOSED EVERGREEN TREE
-  IMPERVIOUS ASPHALT TRAIL
-  PERVIOUS ASPHALT TRAIL
-  CONCRETE SIDEWALK, RAMP, MEDIAN
-  NON-ROOFTOP STORMWATER DISCONNECTION CREDIT AREA
-  EXISTING PATH DEMOLITION
-  SF SILT FENCE
-  DF DIVERSION FENCE
-  TREE PROTECTON
-  LOD LIMIT OF DISTURBANCE
-  CIP CURB INLET PROTECTION
-  PERMANENT EASEMENT
-  TEMPORARY CONSTRUCTION EASEMENT
-  PROPERTY BOUNDARY

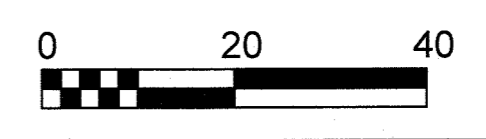


MATCHLINE SEE SHEET C1.6

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
 [Signature] 12/29/19  
 Chief, Division of Land Development  
 [Signature] 10/31/19  
 Chief, Development Engineering Division

NOT FOR CONSTRUCTION

[Signature] 10/24/19  
 [Professional Engineer Seal]



CONCEPT PLAN C1.7

**TOOLE DESIGN**  
 8484 GEORGIA AVENUE  
 SUITE 800  
 SILVER SPRING, MD 20910  
 PHONE: 301.927.1900  
 FAX: 301.927.2800  
 www.tooledesign.com

DATE	REVISION	BY	APP'R.

**Howard Hughes**  
 THE HOWARD HUGHES CORPORATION  
 10480 LITTLE PATUMENT PKWY, SUITE 400  
 COLUMBIA, MD 21044  
 Greg Fitchit, President, Maryland Region  
 410.964.4900 - Greg.Fitchit@howardhughes.com

**PROFESSIONAL CERTIFICATION**  
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 EXPIRATION DATE: 12/28/19

[Professional Engineer Seal]

WILDE LAKE MULTI-USE PATHWAY  
 GOVERNOR WARFIELD PKWY. TO LYNX LANE  
 COLUMBIA, MD  
 SECTION DISTRICT 5

SCALE	ZONING	TDC FILE No.
1" = 20'	NT	5477.02
DATE	TAX MAP - GRID	SHEET
12/19/18	29/30/36	08 OF 08

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