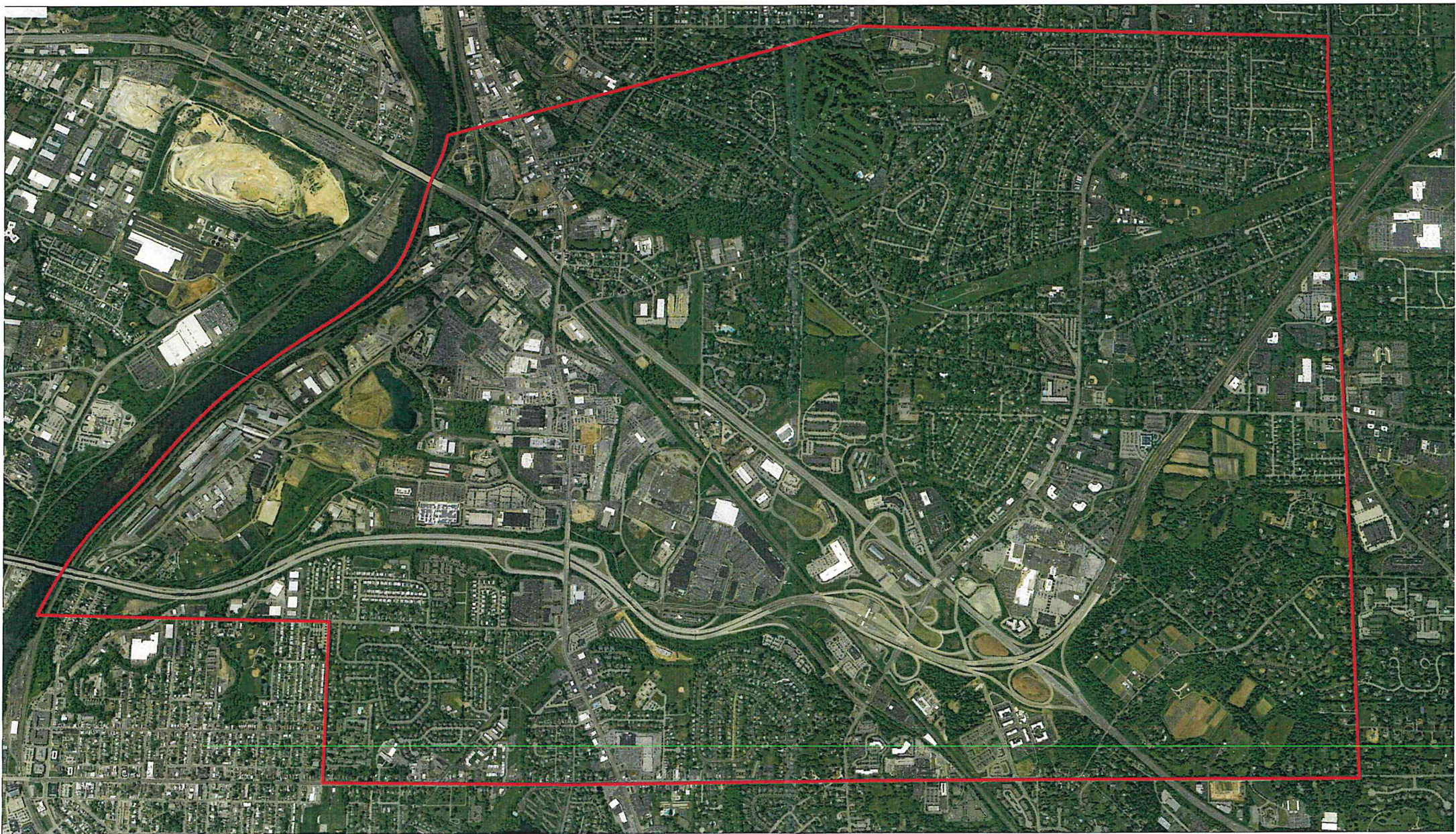


MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4) MAPPING
for
PLYMOUTH TOWNSHIP
MONTGOMERY COUNTY – PENNSYLVANIA



TOWNSHIP BOUNDARY — AERIAL IMAGE

Scale: 1"=1000'

PROJECT SHEET INDEX

SHEET No.:	SHEET DESCRIPTION:
1 of 9	COVER — INDEX SHEET
2 of 9	OVERALL TOWNSHIP ZONING BOUNDARY LIMITS
3 of 9	MAJOR WATERCOURSES WITHIN THE TOWNSHIP
4 of 9	WATERSHED BOUNDARIES WITHIN PLYMOUTH TOWNSHIP
5 of 9	TOWNSHIP STORM SEWER OUTFALL MAP QUADRANT 'A'
6 of 9	TOWNSHIP STORM SEWER OUTFALL MAP QUADRANT 'B'
7 of 9	TOWNSHIP STORM SEWER OUTFALL MAP QUADRANT 'C'
8 of 9	TOWNSHIP STORM SEWER OUTFALL MAP QUADRANT 'D'
9 of 9	OPERATION & MAINTENANCE NOTES

REVISION	DATE	DESCRIPTION
1	08/15/2017	Revised per RFP review comments (final March 10, 2017)
2	04/07/2017	Revised to update RFP mapping standards and standard to CIP for review
3	03/16/2017	Revised per RFP review comments (final March 10, 2017)

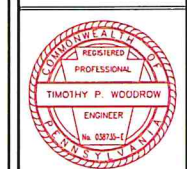
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PROFESSIONAL SEAL OF TIMOTHY P. WOODROW, ENGINEER, No. 00793-C

CALL 1-800-242-1776
PROJECT SERIAL NUMBER FOR DESIGN



Applicant: PLYMOUTH TOWNSHIP
700 Belmont Road
Plymouth Meeting, PA 19062

Township Boundary: 5,388.80 Acres

FINAL PLAN
COVER - INDEX SHEET
PLYMOUTH TOWNSHIP
PLYMOUTH TOWNSHIP — MONTGOMERY COUNTY — PENNSYLVANIA
WOODROW & ASSOCIATES, INC.
MUNICIPAL / CIVIL CONSULTING ENGINEERS
108 North Meridian, Suite 200
Plymouth Meeting, PA 19062
Phone: (215) 542-5448 Fax: (215) 542-5478
Web: www.woodrowinc.com

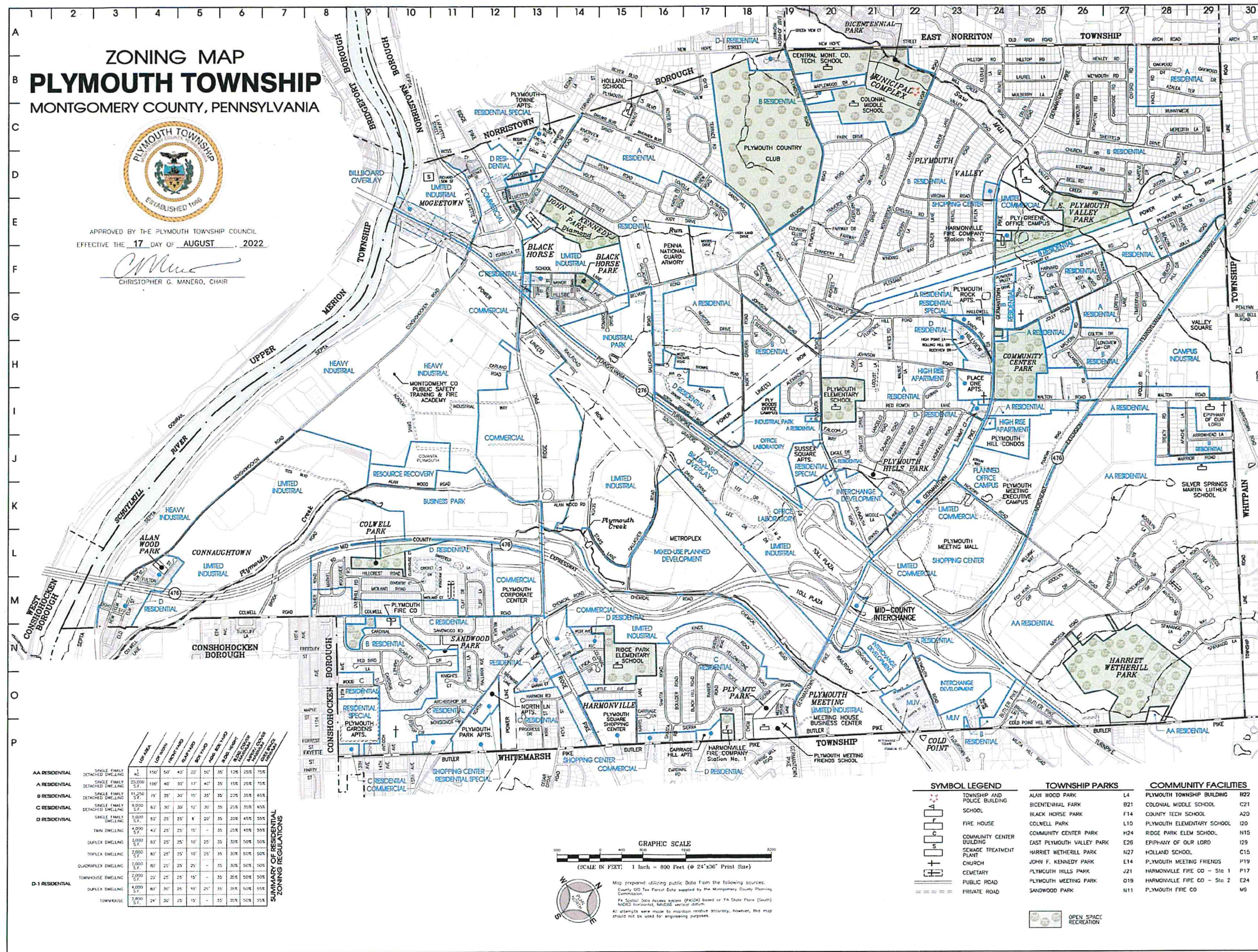
Layer List:
B-SHT01_COVER

Job No:
12-0803P

Plan Date:
August 1, 2017

Sheet No:
1 of 9

<u>ZONING DISTRICT:</u>	<u>AREA WITHIN TOWNSHIP:</u>	<u>ZONING DISTRICT:</u>	<u>AREA WITHIN TOWNSHIP:</u>	<u>ZONING DISTRICT:</u>	<u>AREA WITHIN TOWNSHIP:</u>	<u>MISCELLANEOUS AREAS:</u>	<u>AREA WITHIN TOWNSHIP:</u>
AA Residential	464.60 Acres	Commercial	249.76 Acres	High-Rise Apartments	22.47 Acres	PennDOT Right-of-Way Areas	352.95 Acres
A Residential	689.45 Acres	Limited Commercial	43.98 Acres	Planned Office Park	58.99 Acres	PECO Right-of-Way Areas	78.22 Acres
B Residential	787.68 Acres	Shopping Center	123.18 Acres	Interchange Development	30.54 Acres	Pervious Developed Areas (i.e. golf courses)	103.89 Acres
C Residential	459.55 Acres	Office Laboratory	37.72 Acres	Resource Recovery	22.02 Acres	Park/School/Open Space Lands	263.64 Acres
D Residential	157.58 Acres	Industrial Park	42.54 Acres	Mixed-Use Planned Development	144.41 Acres		
D-1 Residential	5.74 Acres	Limited Industrial	613.83 Acres	Business Park	73.94 Acres		
Residential Special	54.96 Acres	Heavy Industrial	406.33 Acres	Mixed-Use Village Residential	20.46 Acres		
		Campus Industrial	80.37 Acres				

[illegible]

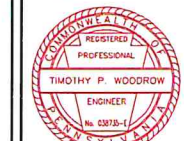
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CALL 1-800-242-1776
PROJECT SERIAL NUMBER FOR DESIGN:



PLYMOUTH TOWNSHIP
700 Baker Road
Plymouth Meeting, PA 19462

5,388.80 Acres

W

WOODROW & ASSOCIATES, INC.
MUNICIPAL / CIVIL CONSULTING ENGINEERS
1108 North Bethlehem Pike / Suite 500 - Lower Gertel - PA 19002
Phone: (215) 332-5848 Fax: (215) 342-5879

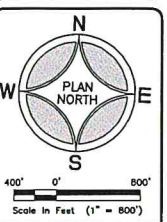
Layer List:
B-ZONING_MAP
Job No:
12-0803P
Plan Date:
August 1, 2017
Sheet No:
2 of 9

Project No: 12-0803P Project Name: PLYMOUTH TOWNSHIP Print Date: Aug 16, 2024 (8:23)

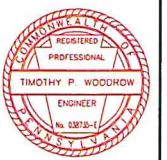
PLAN LEGEND
Township Boundary
Watercourses



REVISIONS	
No.	DATE
1	07/16/2024
2	07/17/2024
3	07/17/2024



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Applicant: PLYMOUTH TOWNSHIP
700 Beaver Road
Plymouth Meeting, PA 19462
Township Boundary: 5,366.80 Acres

FINAL PLAN
MAJOR WATERCOURSES
WITHIN THE TOWNSHIP
PLYMOUTH TOWNSHIP - MONTGOMERY COUNTY - PENNSYLVANIA
WOODROW & ASSOCIATES, INC.
MUNICIPAL / CIVIL CONSULTING ENGINEERS
1108 West Chester Pike, Suite 100, P.O. Box 19002
Plymouth Meeting, PA 19462
Phone: (215) 542-5578 Fax: (215) 542-5579
Web: www.woodrowinc.com

Layer List:
B-SHT03_WATERCOURSES
Job No:
12-0803P
Plan Date:
January 10, 2018
Sheet No:
3 of 9

PLAN LEGEND

- Township Boundary
- Watercourses
- Drainage Boundary to Watercourses
- Topographic Contours (10' Intervals)
- Areas of PennDOT R.O.W. and parcel ownership that have been forced from Plymouth Township collections

SCHUYLKILL RIVER
WATERSHED:
358.06 Acres

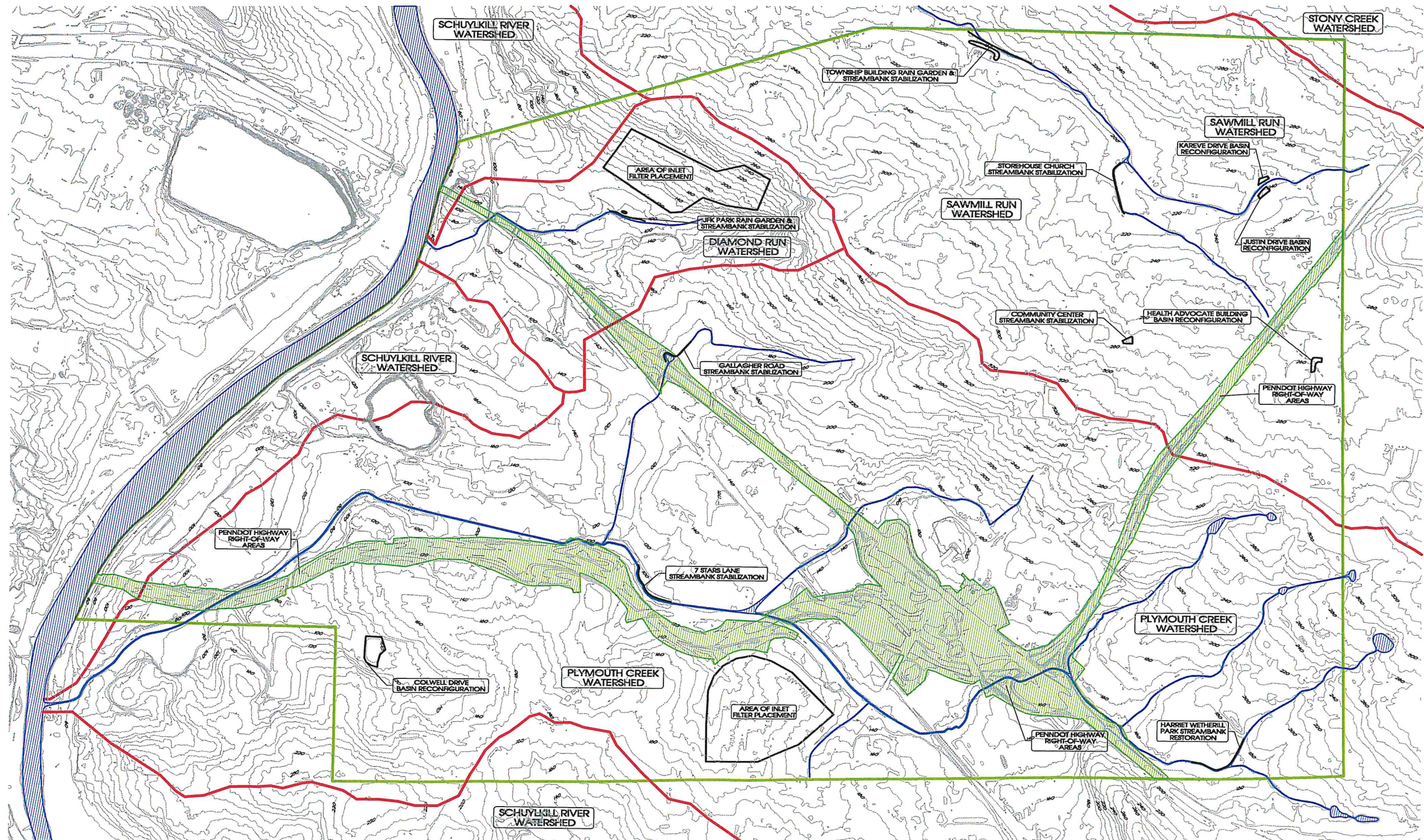
SAWMILL RUN
WATERSHED:
1,385.70 Acres

DIAMOND RUN
WATERSHED:
493.24 Acres

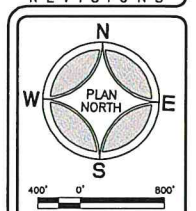
PLYMOUTH CREEK
WATERSHED:
3,107.42 Acres

* Areas draining to Stony Creek (44.38 Acres) are minimal that no requirements are applied to this watershed for Plymouth Township per the 'MS4 Requirements Table' issued by PA DEP

** Areas within PennDOT Right-of-Way for S.R. 476 & S.R. 276, toll plazas, and maintenance areas within Plymouth Township have been removed from overall Township responsibilities. Areas taken from GIS parcel boundary information.



REVISIONS	DATE	DESCRIPTION
1	08/17/2024	Revised per DEP review comments (email dated 08/16/2024)
2	09/17/2024	Revised per DEP review comments (email dated 09/16/2024)
3	10/17/2024	Revised per DEP review comments (email dated 10/16/2024)



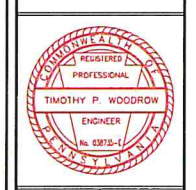
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CALL 1-800-242-1776
PROJECT SERIAL NUMBER FOR DESIGN



APPLICANT: PLYMOUTH TOWNSHIP
700 Beaver Road
Plymouth, PA 19462

TOWNSHIP BOUNDARY: 5,385.60 Acres

FINAL PLAN
WATERSHED BOUNDARIES WITHIN
PLYMOUTH TOWNSHIP
PLYMOUTH TOWNSHIP
PLYMOUTH TOWNSHIP - MONTGOMERY COUNTY - PENNSYLVANIA

WOODROW & ASSOCIATES, INC.
CONSULTING ENGINEERS
1100 North Baltimore Pike, Suite 500
Plymouth, PA 19462
Phone: (215) 514-5648 Fax: (215) 514-5679
Web: www.woodrowinc.com

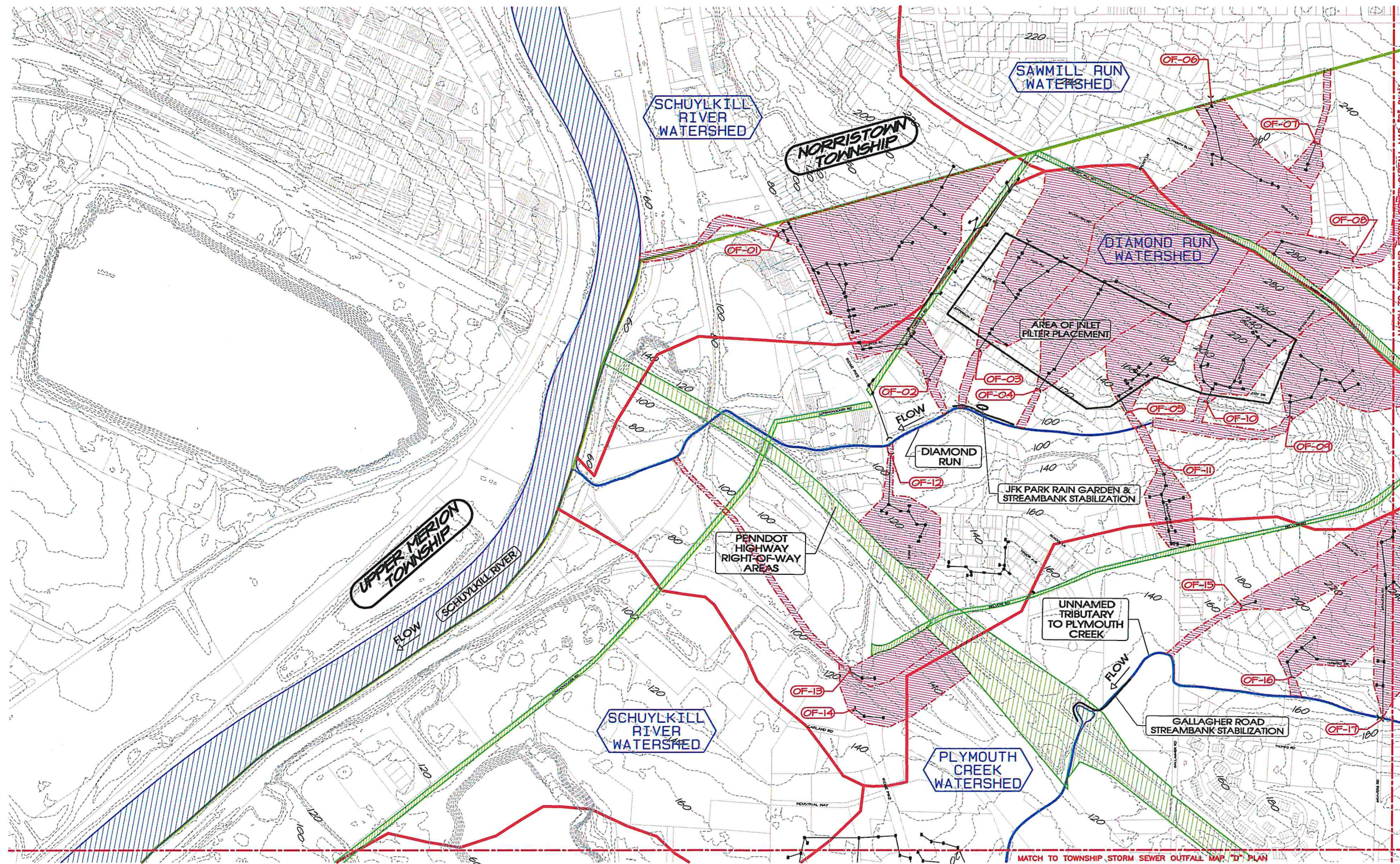
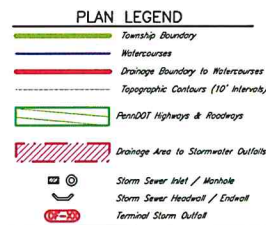
Layer List:
B-SHT04-WATERSHEDS

Job No:
12-0803P

Plan Date:
January 10, 2018

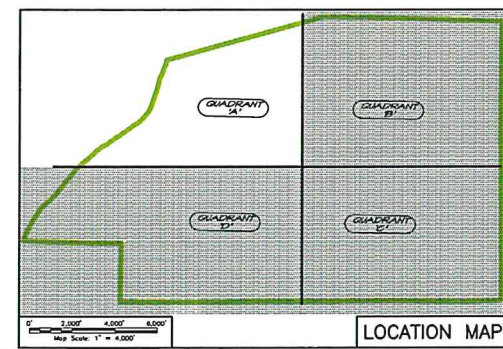
Sheet No:
4 of 9

Project No: 12-0803P Project Name: PLYMOUTH TOWNSHIP Plan Date: Aug 14, 2024 (6-1)

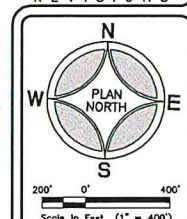


TOWNSHIP STORM SEWER OUTFALL LOCATION:

OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:
OF-01	40.108376 N	-75.324143 W	SCHUYLKILL RIVER
OF-02	40.108945 N	-75.318816 W	DIAMOND RUN
OF-03	40.110774 N	-75.316724 W	DIAMOND RUN
OF-04	40.110961 N	-75.314999 W	DIAMOND RUN
OF-05	40.112191 N	-75.313553 W	DIAMOND RUN
OF-06	40.118230 N	-75.319688 W	SAWMILL RUN
OF-07	40.119887 N	-75.316040 W	SAWMILL RUN
OF-08	40.118316 N	-75.312687 W	SAWMILL RUN
OF-09	40.115268 N	-75.310616 W	DIAMOND RUN
OF-10	40.113771 N	-75.312843 W	DIAMOND RUN
OF-11	40.112405 N	-75.312215 W	DIAMOND RUN
OF-12	40.110128 N	-75.315192 W	DIAMOND RUN
OF-13	40.103793 N	-75.312462 W	DIAMOND RUN
OF-14	40.103147 N	-75.312868 W	DIAMOND RUN
OF-15	40.111740 N	-75.307697 W	UNNAMED TRIBUTARY TO PLYMOUTH CREEK
OF-16	40.111849 N	-75.304239 W	UNNAMED TRIBUTARY TO PLYMOUTH CREEK
OF-17	40.113057 N	-75.302252 W	UNNAMED TRIBUTARY TO PLYMOUTH CREEK



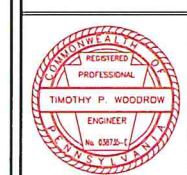
REVISIONS	DATE	DESCRIPTION
1	08/14/2024	Initial Plan
2	08/14/2024	Revised per DDP review comments (email) on DDP application dated May 21, 2018
3	08/14/2024	Revised per DDP review comments (email) on DDP application dated May 21, 2018
4	08/14/2024	Revised per DDP review comments (email) on DDP application dated May 21, 2018



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CALL 1-800-242-1776 PROJECT SERIAL NUMBER FOR DESIGN



Applicant: PLYMOUTH TOWNSHIP
700 Baker Road
Plymouth Meeting, PA 19402
Township Boundary: 5,388.80 Acres

FINAL PLAN
TOWNSHIP STORM SEWER OUTFALL MAP QUADRANT 'A' PLYMOUTH TOWNSHIP
PLYMOUTH TOWNSHIP - MONTGOMERY COUNTY - PENNSYLVANIA
WOODROW & ASSOCIATES, INC.
MUNICIPAL / CIVIL CONSULTING ENGINEERS
1108 North Merion (213) 844-5848
5 For: (215) 942-5575
Web: www.woodrowinc.com

Layer List:
B-SHT05-QUAD-A
Job No: 12-0803P
Plan Date: January 10, 2018
Sheet No: 5 of 9

NORRISTOWN
TOWNSHIP

EAST NORRITON
TOWNSHIP

STONY CREEK
WATERSHED

SAWMILL RUN
WATERSHED

WHITPAIN
TOWNSHIP

STOREHOUSE CHURCH
STREAMBANK STABILIZATION

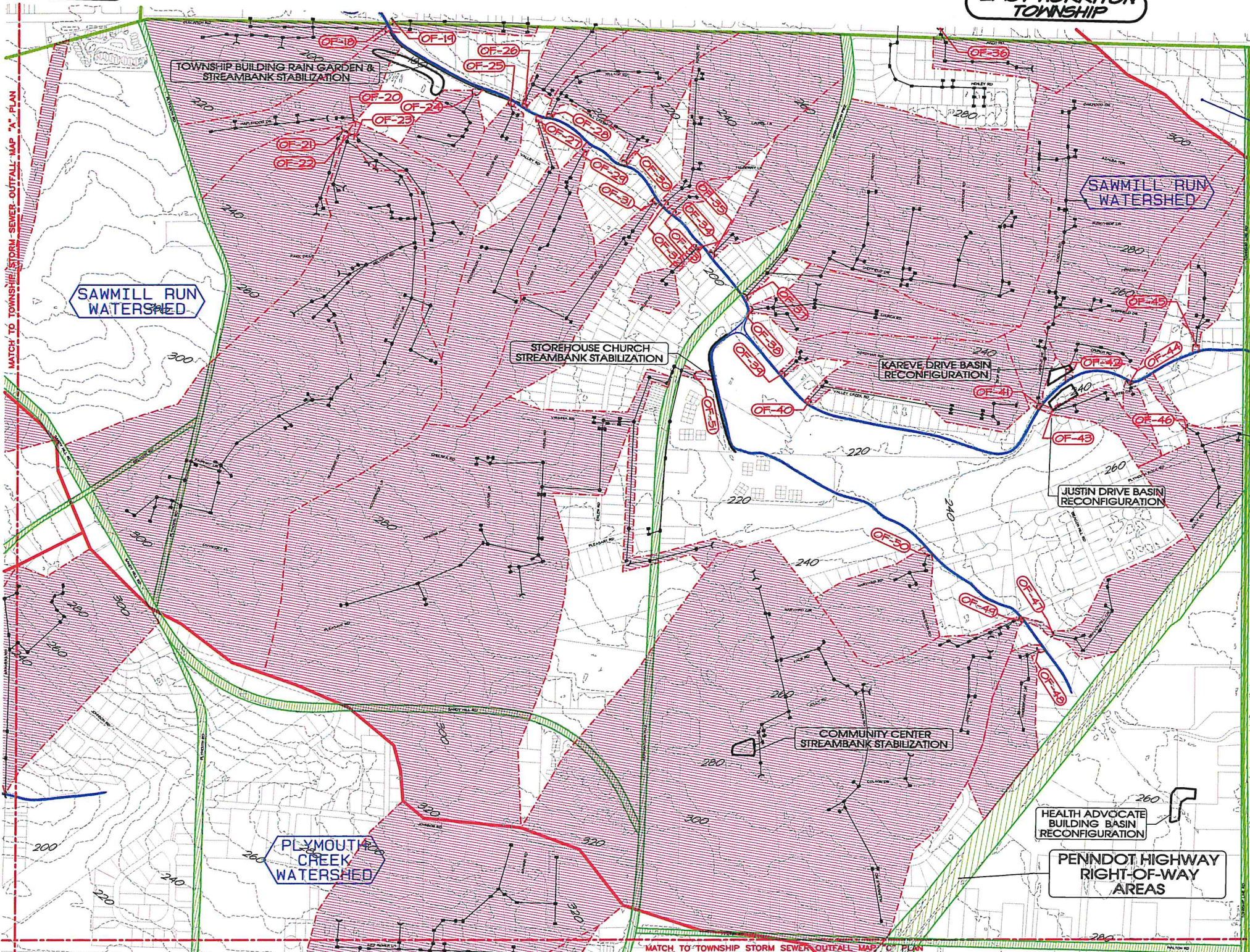
KAREVE DRIVE BASIN
RECONFIGURATION

JUSTIN DRIVE BASIN
RECONFIGURATION

COMMUNITY CENTER
STREAMBANK STABILIZATION

HEALTH ADVOCATE
BUILDING BASIN
RECONFIGURATION

PENNDOT HIGHWAY
RIGHT-OF-WAY
AREAS

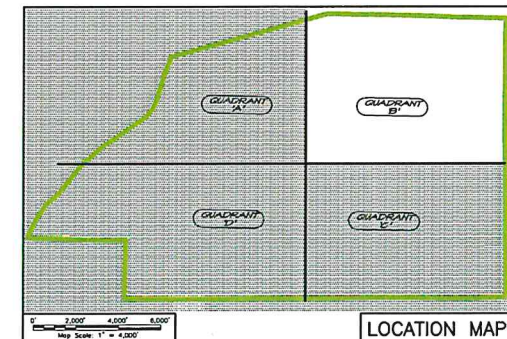


TOWNSHIP STORM SEWER OUTFALL LOCATION:

OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:	OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:	OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:
OF-18	40.128277 N	-75.312593 W	SAWMILL RUN	OF-33	40.131397 N	-75.303760 W	SAWMILL RUN	OF-48	40.131660 N	-75.288288 W	UNNAMED TRIBUTARY TO SAWMILL RUN
OF-19	40.128762 N	-75.313061 W	SAWMILL RUN	OF-34	40.131182 N	-75.302523 W	SAWMILL RUN	OF-49	40.132133 N	-75.289249 W	UNNAMED TRIBUTARY TO SAWMILL RUN
OF-20	40.127123 N	-75.311194 W	SAWMILL RUN	OF-35	40.131371 N	-75.302132 W	SAWMILL RUN	OF-50	40.131529 N	-75.292131 W	UNNAMED TRIBUTARY TO SAWMILL RUN
OF-21	40.126869 N	-75.310900 W	SAWMILL RUN	OF-36	40.138123 N	-75.303517 W	UNNAMED TRIBUTARY TO SAWMILL RUN	OF-51	40.129546 N	-75.300003 W	UNNAMED TRIBUTARY TO SAWMILL RUN
OF-22	40.126903 N	-75.310792 W	SAWMILL RUN	OF-37	40.131667 N	-75.300851 W	SAWMILL RUN				
OF-23	40.127011 N	-75.310594 W	SAWMILL RUN	OF-38	40.131557 N	-75.300404 W	SAWMILL RUN				
OF-24	40.129528 N	-75.309707 W	SAWMILL RUN	OF-39	40.131384 N	-75.298532 W	SAWMILL RUN				
OF-25	40.130040 N	-75.308738 W	SAWMILL RUN	OF-40	40.131488 N	-75.297648 W	SAWMILL RUN				
OF-26	40.130251 N	-75.308534 W	SAWMILL RUN	OF-41	40.135240 N	-75.293751 W	SAWMILL RUN				
OF-27	40.130234 N	-75.307869 W	SAWMILL RUN	OF-42	40.136057 N	-75.293891 W	SAWMILL RUN				
OF-28	40.130442 N	-75.307807 W	SAWMILL RUN	OF-43	40.135326 N	-75.293620 W	SAWMILL RUN				
OF-29	40.130772 N	-75.306594 W	SAWMILL RUN	OF-44	40.137081 N	-75.292718 W	SAWMILL RUN				
OF-30	40.131168 N	-75.305662 W	SAWMILL RUN	OF-45	40.138692 N	-75.292465 W	SAWMILL RUN				
OF-31	40.131149 N	-75.304286 W	SAWMILL RUN	OF-46	40.137268 N	-75.290787 W	SAWMILL RUN				
OF-32	40.131305 N	-75.304009 W	SAWMILL RUN	OF-47	40.132412 N	-75.288234 W	SAWMILL RUN				

PLAN LEGEND

- Township Boundary
- Watercourses
- Drainage Boundary to Watercourses
- Topographic Contours (10' Intervals)
- Penndot Highways & Roadways
- Drainage Area to Stormwater Outfalls
- Storm Sewer Inlet / Manhole
- Storm Sewer Headwall / Endwall
- Terminal Storm Outfall



REVISIONS

No.	DATE	DESCRIPTION
1	08/15/2024	Revised per DEP review comments (Amended March 10, 2023)
2	04/01/2024	Revised to update 1954 map showing proposed and existing L.D. for review
3	07/18/2024	Revised per DEP review comments (email) on map application dated May 21, 2018

PLAN NORTH

Scale in Feet (1" = 400')

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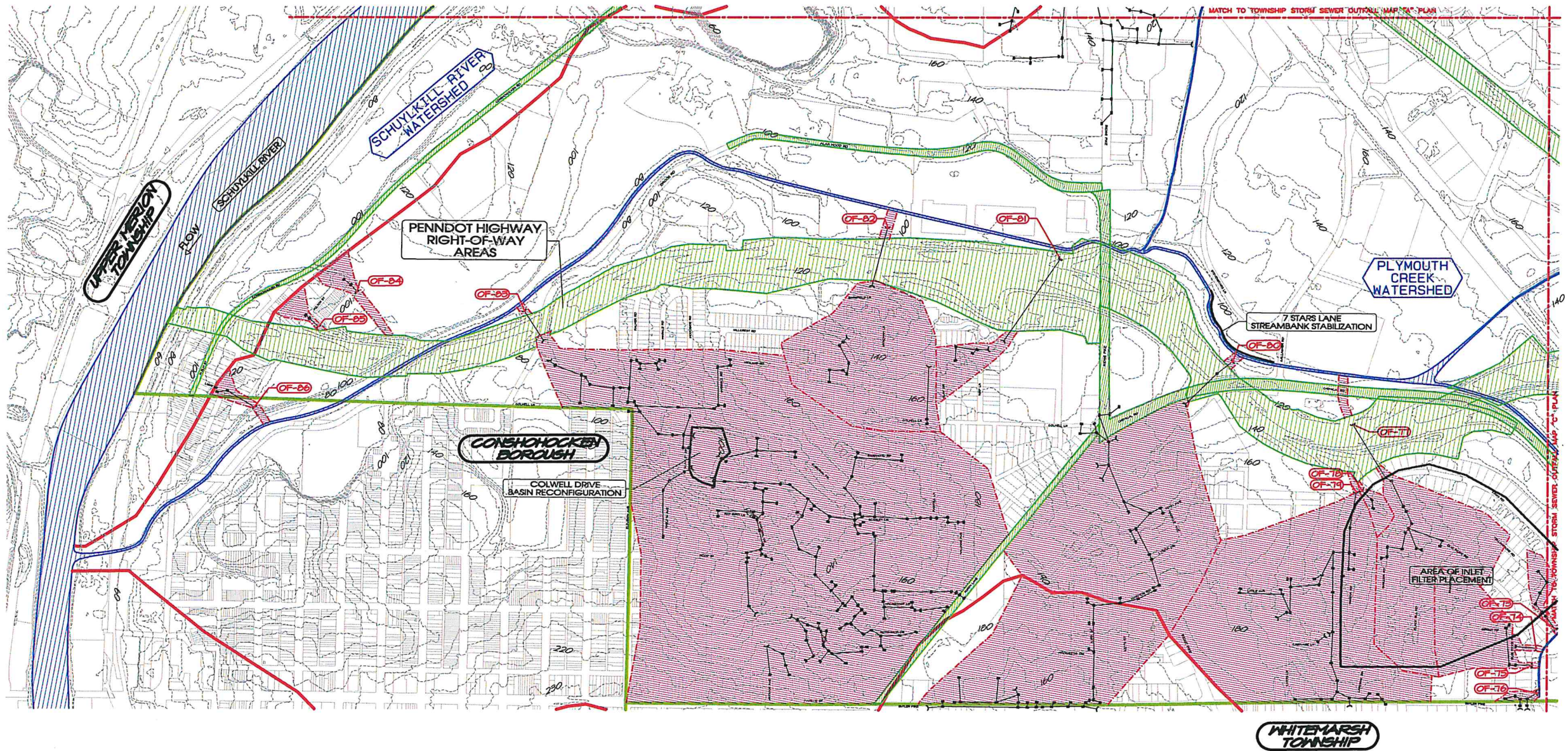
PROFESSIONAL ENGINEER
TIMOTHY P. WOODROW
No. 0075-1
P.E.

CALL 1-800-242-1776
PROJECT SERIAL NUMBER FOR DESIGN

PLYMOUTH TOWNSHIP
700 Beaver Road
Plymouth Meeting, PA 19462
TOWNSHIP BOUNDARY: 5,368.80 Acres

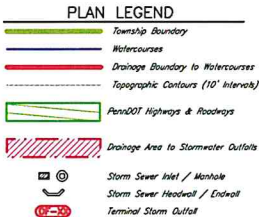
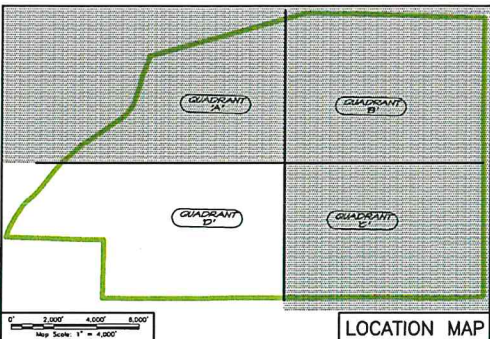
TOWNSHIP STORM SEWER OUTFALL MAP QUADRANT 'B' PLYMOUTH TOWNSHIP
PLYMOUTH TOWNSHIP - MONTGOMERY COUNTY - PENNSYLVANIA
WOODROW & ASSOCIATES, INC.
MUNICIPAL CIVIL CONSULTING ENGINEERS
1100 North 22nd Street, Suite 200, PA 19022
Phone: (215) 842-5848 Fax: (215) 842-5879
Web: www.woodrowinc.com

Layer List:
B-SHT06-QUAD-B
Job No:
12-0803P
Plan Date:
January 10, 2018
Sheet No:
6 of 9



TOWNSHIP STORM SEWER OUTFALL LOCATION:

OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:
OF-73	40.102302 N	-75.281998 W	UNNAMED TRIBUTARY TO PLYMOUTH CREEK
OF-74	40.101588 N	-75.281846 W	UNNAMED TRIBUTARY TO PLYMOUTH CREEK
OF-75	40.101234 N	-75.281198 W	UNNAMED TRIBUTARY TO PLYMOUTH CREEK
OF-76	40.100857 N	-75.280560 W	UNNAMED TRIBUTARY TO PLYMOUTH CREEK
OF-77	40.101502 N	-75.292818 W	PLYMOUTH CREEK
OF-78	40.100475 N	-75.289288 W	PLYMOUTH CREEK
OF-79	40.100325 N	-75.289209 W	PLYMOUTH CREEK
OF-80	40.100043 N	-75.294863 W	PLYMOUTH CREEK
OF-81	40.097809 N	-75.301520 W	PLYMOUTH CREEK
OF-82	40.094080 N	-75.305597 W	PLYMOUTH CREEK
OF-83	40.086001 N	-75.310525 W	PLYMOUTH CREEK
OF-84	40.082850 N	-75.314519 W	PLYMOUTH CREEK
OF-85	40.081733 N	-75.314063 W	PLYMOUTH CREEK
OF-86	40.078855 N	-75.313230 W	PLYMOUTH CREEK



REVISIONS

No.:	DATE:	DESCRIPTION:
1	05/17/2024	Final Plan
2	04/15/2024	Revised to update P&ID map to reflect changes to the P&ID map.
3	03/17/2024	Revised to update P&ID map to reflect changes to the P&ID map.

PLAN NORTH

Scale In Feet (1" = 400')

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WOODROW & ASSOCIATES, INC.

REGISTERED PROFESSIONAL ENGINEER

TIMOTHY P. WOODROW

ENGINEER

No. 05715-1

CALL 1-800-242-1776
PROJECT SERIAL NUMBER FOR DESIGN

APPLICANT: PLYMOUTH TOWNSHIP

700 Beaver Road
Plymouth, PA 19462

TOWNSHIP BOUNDARY: 5,388.80 Acres

FINAL PLAN

TOWNSHIP STORM SEWER OUTFALL MAP QUADRANT 'D'

PLYMOUTH TOWNSHIP

WOODROW & ASSOCIATES, INC.

MUNICIPAL/CIVIL CONSULTING ENGINEERS

1108 North Meridian Street, Suite 100
Plymouth, PA 19462

Phone: (215) 344-5548 Fax: (215) 344-5579
Web: www.woodrowinc.com

Layer List:

B-SHT08-QUAD-D

Job No:

12-0803P

Plan Date:

January 10, 2018

Sheet No:

8 of 9

