

DISCHARGE INTO

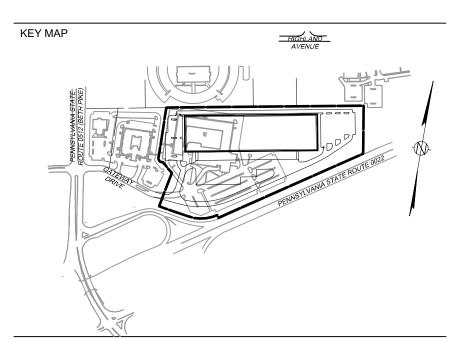
MONOCACY CREEK

THE PIDCOCK COMPANY

CIVIL ENGINEERING AND LAND PLANNING ARCHITECTURE LAND SURVEYING

Oxford Drive at Fish Hatchery Road 2451 Parkwood Drive Allentown, Pennsylvania 18103-9608 Telephone: 610-791-2252 Telefacsimile: 610-791-1256 E-mail: info@pidcockcompany.com

PROFESSIONAL SEAL



1. THIS PLAN HAS BEEN PREPARED IN CONJUNCTION WITH MUNICIPAL REGULATIONS AND ORDINANCES RELATING TO LAND USAGE AND DIMENSIONAL REQUIREMENTS OF ZONING AND RELATED PERMITS. HOWEVER, NOT CONSIDERED ARE PERIPHERAL ISSUES SUCH AS CLARITY OF TITLE, SUBSURFACE CONDITIONS INCLUDING BUT NOT LIMITED TO SOIL AND WATER CONTAMINATION, SINKHOLE ACTIVITY AND HISTORICAL AND ARCHAEOLOGICAL ISSUES, OR OTHER SUCH ISSUES AS MAY AFFECT THE MERCHANTABILITY OF THE LAND. THE PIDCOCK COMPANY MAKES NO REPRESENTATION OR WARRANTY CONCERNING THESE ISSUES WHICH SHOULD BE ADDRESSED BY QUALIFIED PROFESSIONALS ENGAGED IN THE APPROPRIATE FIELDS

2. THESE DOCUMENTS ARE PROVIDED FOR MUNICIPAL REVIEW ONLY AND ARE NOT TO BE UTILIZED FOR ANY OTHER PURPOSE. THE DOCUMENTS ARE NOT ISSUED FOR CONSTRUCTION UNLESS SPECIFICALLY NOTED AS SUCH BELOW.

THE CONTRACT DOCUMENTS PRESENT THE DESIGN INTENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL PLANS, SPECIFICATIONS, ADDENDA, CONSTRUCTION SKETCHES AND OTHER CONTRACT DOCUMENTS FOR CONSISTENC SIMILARLY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REVIEW FIELD CONDITIONS, INCLUDING COORDINATION WITH ALL UTILITIES. THE CONTRACTOR SHALL COMPLETE ANY TEST EXCAVATIONS IN ADVANCE OF ORDERING MATERIALS OR OF CONSTRUCTION IN AN AREA OF UTILITY CROSSINGS OR POTENTIAL INVOLVEMENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BRING ANY INCONSISTENCIES IN THE DOCUMENTS OR ANY APPARENT CONFLICTS TO THE ATTENTION OF THE ENGINEER BEFORE ORDERING MATERIALS AND BEFORE PROCEEDING WITH CONSTRUCTION IN THE AREA SO THAT THE ENGINEER MAY REVIEW THE CONDITIONS AND RECOMMEND ANY ADJUSTMENTS TO THE DOCUMENTS THAT MAY BE NECESSARY, OR TO RECOMMEND

> PLAN PREPARER: BRENT C. TUCKER, P.E. THE PIDCOCK COMPANY 2451 PARKWOOD DRIVE ALLENTOWN, PA. 18103 TELEPHONE NO.: 610-791-2252

RELOCATION OF A UTILITY OR OTHER REMEDIAL WORK THAT MAY BE REQUIRED.

6		
5		
4	JANUARY 19, 2024	REVISED PER NCCD COMMENTS
3	OCTOBER 31, 2023	REVISED PER TOWNSHIP COMMENTS
2	OCTOBER 13, 2023	REVISED PER TOWNSHIP COMMENTS
1	A 23	
	DATE	DESCRIPTION
REVISIONS		

SCALE: 1"=100' Know what's below. Call before you dig.

DATE: MAY 24, 2023 CHECKED BY: RRT DRAWN BY: JLB, JGU CAD FILE: Downstream Analysis Plan.dwg PROJECT NUMBER: 195.2302

SEE SHEET

ARCADIA DEVELOPMENT CORPORATION

PROPOSED INDUSTRIAL DEVELOPMENT

HANOVER TOWNSHIP, NORTHAMPTON COUNTY, PENNSYLVANIA

OFF-SITE STORMWATER DISCHARGE DOWNSTREAM ANALYSIS PLAN

USES. ONE OF THESE LIMITATIONS IS THE POTENTIAL FOR SINKHOLES. THE POTENTIAL FOR THE FORMATIONS OF

2. THE DUFFIELD SERIES IS LIMITED BY SLOW PERMEABILITY AND A SEASONABLY HIGH WATER TABLE. ALSO THESE SOILS

PROJECT LIMITS.

SOIL IS AT THE OPTIMUM MOISTURE CONTENT FOR COMPACTION.

SINKHOLES WILL BE MINIMIZED THROUGH THE CONSTRUCTION OF A STORMWATER MANAGEMENT SYSTEM. HOWEVER, IN THE

EXHIBIT A MODERATE TO SEVERE EROSION HAZARD. A PUMPED WATER FILTER BAG HAS BEEN SPECIFIED TO ADEQUATELY FILTER ANY WATER THAT MAY BE ENCOUNTERED. FURTHER, STRUCTURAL EARTHWORK SHALL ONLY BE DONE WHEN THE

EVENT THAT A SINKHOLE DEVELOPS ON THE SITE, SURFACE WATER SHALL BE DIVERTED AWAY FROM THE AREA AND THE SINKHOLE SHALL BE REPAIRED IN ACCORDANCE WITH THE RECOMMENDATIONS OF A PROFESSIONAL ENGINEER OR GEOLOGIST. ANOTHER LIMITATION OF THE SOILS SERIES ARE THE POTENTIAL FOR PIPING. ANTI-SEEP COLLARS ARE PROPOSED IN THE BASINS TO PROVIDE PROTECTION FROM THIS RISK. NO HYDRIC SOILS ARE PRESENT WITHIN THE

S-12291

SHEET NUMBER

1 OF 1

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