

STORMWATER MANAGEMENT CALCULATIONS				
STORM EVENT	PRE-DEVELOPMENT RUNOFF RATE @ THE POINT-OF-INTEREST (CFS)	POST-DEVELOPMENT RUNOFF RATE @ THE POINT-OF-INTEREST (CFS)	RUNOFF RATE Δ @ THE POINT-OF-INTEREST (CFS)	DETENTION POND STAGE ELEVATION
1-YR, 24-HR	59.18	57.06	-2.12	1242.19
2-YR, 24-HR	71.29	68.89	-2.40	1242.39
10-YR, 24-HR	100.32	97.68	-2.64	1242.85
25-YR, 24-HR	115.80	112.76	-3.04	1242.95
100-YR, 24-HR	138.92	137.45	-1.47	1243.14

THE STORMWATER MANAGEMENT SITE PLAN SHOWN HEREON COMPLIES WILL ALL DESIGN STANDARDS AND CRITERIA OF THE SANDY LAKE TOWNSHIP STORMWATER MANAGEMENT ORDINANCE NO. 1-2011.

02/09/2023

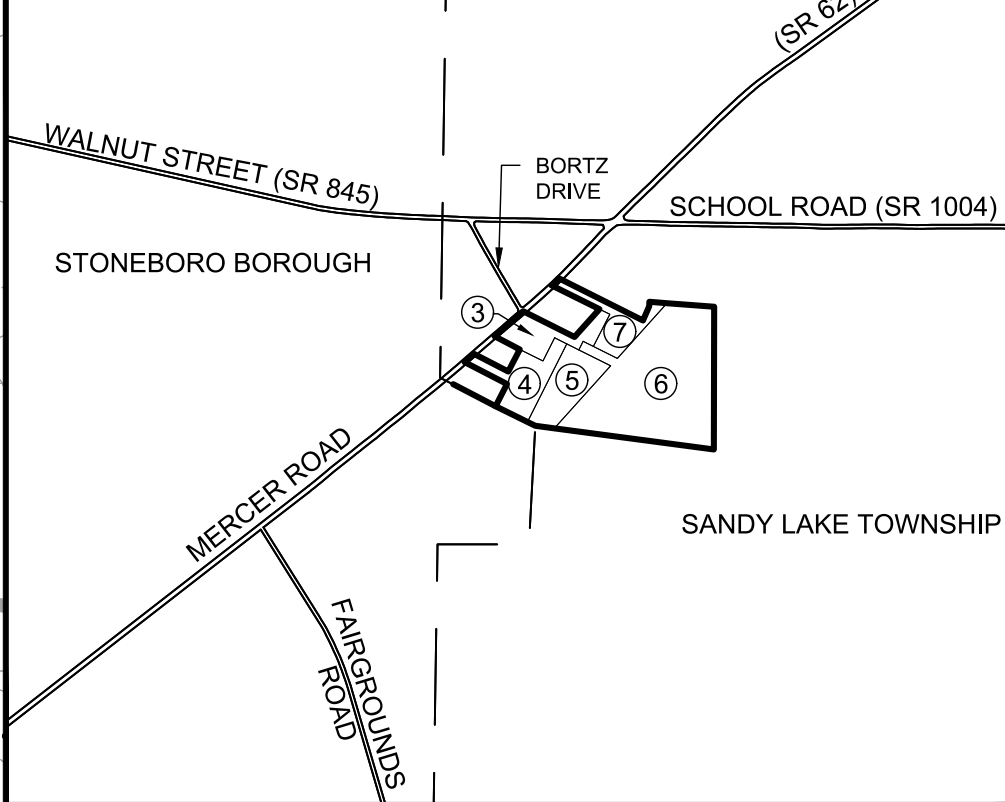
DATE

SIGNATURE

Michael G. Albrecht



LOT 3 THROUGH 7 SUBDIVISION
PER FILE 2019-00002197
(RECORDED MARCH 21, 2019)



LEGEND

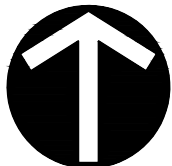
30FF	01	30 INCH FILTER FABRIC FENCE
	C701	
	02	ROCK CONSTRUCTION ENTRANCE
	C701	
		SOIL BOUNDARIES
		LIMIT OF DISTURBANCE - PHASE 1
		LIMIT OF DISTURBANCE - PHASE 2
		PHASE LINE
		PROPOSED DITCH
		EXISTING ROCK RIP RAP APRON
		EXISTING DITCH

NOTES:

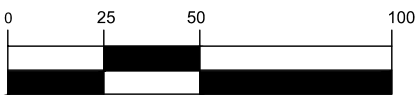
- COMPLY AT ALL TIMES WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, PROVISIONS, AND POLICIES GOVERNING SAFETY AND HEALTH, INCLUDING THE FEDERAL CONSTRUCTION SAFETY ACT (PUBLIC LAW 91-54), FEDERAL REGISTER, CHAPTER XVII, PART 1926 OF TITLE 29 REGULATIONS, OCCUPATIONAL SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION, AND SUBSEQUENT PUBLICATIONS UPDATING THESE REGULATIONS.
- BEFORE EXCAVATION, ALL UNDERGROUND UTILITIES SHALL BE LOCATED IN THE FIELD BY THE PROPER AUTHORITIES. NOTIFY PENNSYLVANIA ONE CALL SYSTEMS, INC. AT 1-800-242-1776. THE LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES ARE APPROXIMATE AND MAY NOT ALL BE SHOWN. DETERMINE THE EXISTENCE AND EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES.
- AN AS-BUILT DRAWING OF NEW UTILITY SERVICES SHALL BE PREPARED AND SUBMITTED TO THE OWNER UPON COMPLETION OF THE PROJECT.
- ALL STORM PIPE SHALL BE HDPE, SMOOTH INTERIOR, CORRUGATED POLYETHYLENE PIPE UNLESS OTHERWISE NOTED. ALL STORM SEWER CONSTRUCTION MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH PENNDOT SPECIFICATIONS. ALL JOINTS SHALL BE WATERTIGHT.
- REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION.
- ASSURE THAT THERE IS POSITIVE DRAINAGE TO THE INLETS UPON PLACEMENT OF NEW PAVEMENT.

PROJECT AREAS

LIMIT OF DISTURBANCE - PHASE 1 = 0.55 ACRES
LIMIT OF DISTURBANCE - PHASE 2 = 0.96 ACRES



NORTH
GRAPHIC SCALE



(IN FEET)
1 inch = 50 ft.

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REVISION RECORD

No.	Description	Date
1	ISSUED FOR PERMITS	02/09/2023
2	REVISED PER MERCER COUNTY COMMENTS	02/09/2023
3		
4		
5		
6		
7		
8		
9		
10		

BUCKINGHAM MANOR
SANDY LAKE TOWNSHIP
MERCER COUNTY, PA

PREPARED FOR:
ANDREW GILDERSLEEVE
204 ARCADIA COURT
CRANBERRY TOWNSHIP, PA 16066

**STORMWATER
MANAGEMENT PLAN**

Project Number: C-19515-0001
Drawing Scale: 1" = 50'
Date Issued: JAN 2023
Index Number: --
Drawn By: SMS
Checked By: KRH
Project Manager: KRH

C700



03	MAINTENANCE SCHEDULE
C701	



C701