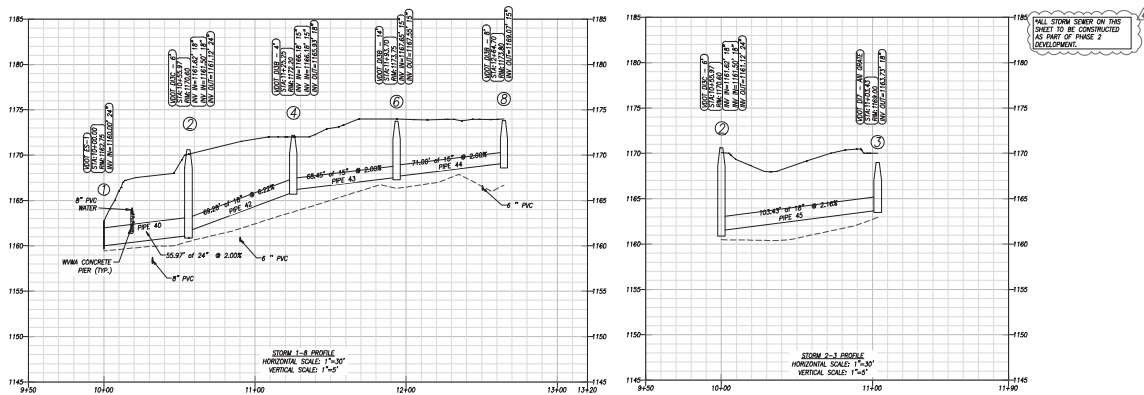
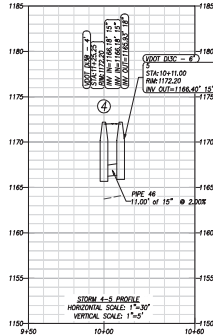


This document, together with the associated and related information, is intended only for the specific project and shall not be used for any other project without the written consent of Engineering Concepts, Inc. All dimensions are in feet and inches unless otherwise noted. All elevations are in feet above sea level unless otherwise noted. All dimensions are in feet and inches unless otherwise noted. All dimensions are in feet and inches unless otherwise noted.



STRUCTURE TABLE				
STRUCTURE	DETAILS	PIPES IN	PIPES OUT	DEPTH
1	75" x 75" RM = 1162.75 INV IN = 1160.00	Pipe - 40, 24"		5.2'
2	48" RM = 1170.60 INV IN = 1161.60 INV OUT = 1161.50	Pipe - 42, 18" Pipe - 40, 18"	Pipe - 40, 24"	8.5'
3	48" RM = 1168.00 INV OUT = 1163.73		Pipe - 40, 18"	5.3'
4	48" RM = 1172.20 INV IN = 1166.18 INV IN = 1166.18 INV OUT = 1165.93	Pipe - 42, 15" Pipe - 46, 15"	Pipe - 42, 18"	6.3'
5	48" RM = 1172.20 INV OUT = 1166.40		Pipe - 46, 15"	6.1'
6	48" RM = 1173.75 INV IN = 1167.65 INV OUT = 1167.55	Pipe - 44, 15"	Pipe - 42, 15"	6.2'
8	48" RM = 1173.80 INV OUT = 1169.07		Pipe - 44, 15"	6.7'

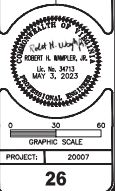


Pipe Table					
NAME	SIZE	LENGTH	SLOPE	MATERIAL	MAX COVER MIN COVER
Pipe - 40	24"	55.97'	2.00%	24 INCH ADS N-12 PIPE	6.7' N/A
Pipe - 42	18"	69.28'	2.00%	18 INCH ADS N-12 PIPE	6.8' 4.4'
Pipe - 43	15"	48.45'	2.00%	15 INCH ADS N-12 PIPE	5.5' 4.2'
Pipe - 44	15"	71.00'	2.00%	15 INCH ADS N-12 PIPE	4.8' 3.5'
Pipe - 45	18"	103.43'	2.16%	18 INCH ADS N-12 PIPE	6.8' 4.0'
Pipe - 46	15"	11.00'	2.00%	15 INCH ADS N-12 PIPE	4.4' 4.3'



No.	Description	Date
1	UNDER REVISION	5/2/23

HUNTRIDGE MULTIFAMILY
ROANOKE COUNTY, VA
STORMWATER PROFILES
PHASE 2 APARTMENTS



APPROVED, 7/27/2023