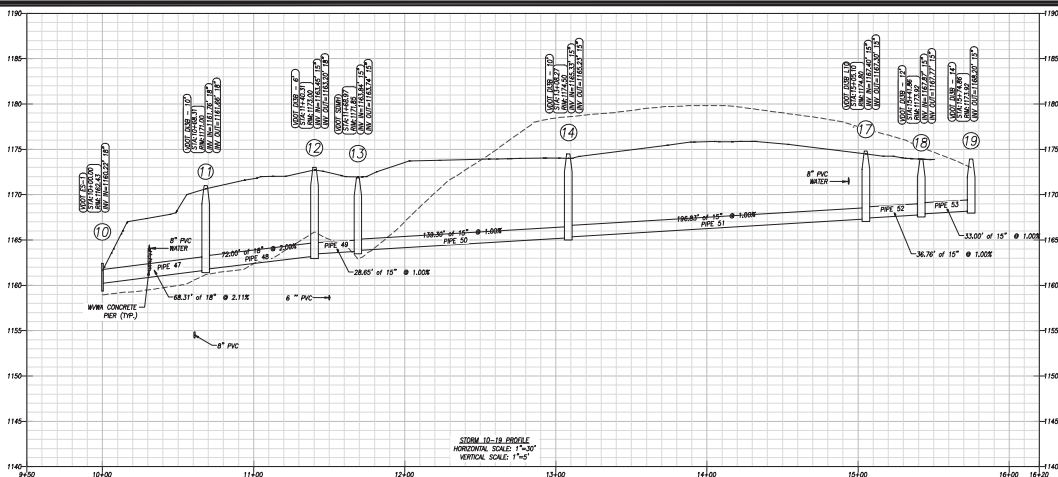


This document, together with the associated and/or related project information, is the property of Engineering Concepts, Inc. and shall be used solely for the project and shall not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Engineering Concepts, Inc.



STRUCTURE TABLE				
STRUCTURE	DETAILS	PIPES IN	PIPES OUT	DEPTH
10	917' RM = 1162.43 RW IN = 1163.22	Pipe - 47, 18"		5.3'
11	48" RM = 1171.00 RW IN = 1181.76 RW OUT = 1181.66	Pipe - 48, 18"	Pipe - 47, 18"	9.3'
12	48" RM = 1172.00 RW IN = 1183.45 RW OUT = 1183.20	Pipe - 48, 15"	Pipe - 48, 18"	9.8'
13	48" RM = 1171.85 RW IN = 1182.94 RW OUT = 1182.74	Pipe - 50, 15"	Pipe - 48, 15"	8.1'
14	48" RM = 1174.50 RW IN = 1185.33 RW OUT = 1185.23	Pipe - 51, 15"	Pipe - 50, 15"	9.3'
17	48" RM = 1174.80 RW IN = 1187.40 RW OUT = 1187.30	Pipe - 52, 15"	Pipe - 51, 15"	7.5'
18	48" RM = 1173.90 RW IN = 1187.87 RW OUT = 1187.77	Pipe - 53, 15"	Pipe - 52, 15"	6.1'
19	48" RM = 1173.90 RW OUT = 1188.20		Pipe - 53, 15"	5.7'

Pipe Table					
NAME	SIZE	LENGTH	SLOPE	MATERIAL	MAX COVER
Pipe - 47	18"	68.31'	2.11%	18 INCH ADS N-12 PVC	7.3'
Pipe - 48	18"	72.00'	2.00%	18 INCH ADS N-12 PVC	7.8'
Pipe - 49	15"	28.65'	1.00%	15 INCH ADS N-12 PVC	7.8'
Pipe - 50	15"	138.30'	1.00%	15 INCH ADS N-12 PVC	8.1'
Pipe - 51	15"	196.87'	1.00%	15 INCH ADS N-12 PVC	8.2'
Pipe - 52	15"	36.78'	1.00%	15 INCH ADS N-12 PVC	5.6'
Pipe - 53	15"	33.00'	1.00%	15 INCH ADS N-12 PVC	5.9'



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

HUNTRIDGE MULTIFAMILY
ROANOKE COUNTY, VA
STORMWATER PROFILES
PHASE 2 APARTMENTS



0	30	60
GRAPHIC SCALE		
PROJECT:	20007	
27		

APPROVED, 7/27/2023