

J:\PROJECTS\190070\04 LITTLE CREEK\SS CONCEPT - BLUE HILLS\SS\A\04190070 SS Substation Exhibit 7.15.2021.dwg PLOTTED: 8/10/2021 8:08:17 AM

STORM SCHEDULE												
STR#	TYPE	NOSE	TOP ELEV.	HEIGHT	LENGTH	DIAMETER	MATERIAL	SLOPE	INV. IN	INV. OUT	COMMENTS	INPUT
1	DI-3C	TYPE B	1043.04	4.51	6.00						(0.04 AC. FROM ROOF LEADERS), IS-1, ST-1	
2					115.31	15"	HDPE (TYPE S)	1.33%	1038.53	1037.00		
3	DI-1		1043.10	6.20							IS-1, ST-1	
4					98.16	15"	HDPE (TYPE S)	1.22%	1036.90	1035.70		
5	DI-1		1041.50	5.90							(0.05 AC. FROM ROOF LEADERS), IS-1, ST-1	
6					113.58	15"	HDPE (TYPE S)	1.14%	1035.60	1034.30		
7	DI-3C	TYPE B	1041.40	7.20	6.00						IS-1, ST-1	
8					33.14	15"	HDPE (TYPE S)	1.21%	1034.20	1033.80		
9	DI-3B	TYPE B	1040.88	7.18	6.00						IS-1, ST-1	
10					31.14	15"	HDPE (TYPE S)	0.64%	1033.70	1033.50		
11	ES-1										HDPE END SECTION	
12	DI-3C	TYPE B	1041.72	4.72	6.00						IS-1, ST-1	
13					116.68	15"	HDPE (TYPE S)	1.11%	1037.00	1035.70		
14	DI-1		1041.80	4.00							IS-1	
15					84.19	15"	HDPE (TYPE S)	2.14%	1037.80	1036.00		
16	DI-3B	TYPE B	1042.47	6.57	6.00						IS-1, ST-1	
17					41.06	15"	HDPE (TYPE S)	4.63%	1035.90	1034.00		
18	ES-1										HDPE END SECTION	
19					48.27	15"	CL. III RCP	1.45%	1034.20	1033.50		
20	ES-1										VDOT ST'D ES-1 END SECTION	
21	RISER		1038.00	5.00							RISER, SEE DETAIL, IS-1	
22					60.45	24"	CL. III RCP	3.56%	1033.00	1030.85		
22 OUT												
EX	DI-3B	TYPE B	1038.54	4.34	4.00						IS-1, ST-1	

SANITARY SEWER SCHEDULE:

(A) S.S. GREASE INTERCEPTOR
PRIVATE
TOP=1042.59
INV. AT BLDG=1038.75
INV. OUT: 1038.50

(B) S.S. SAMPLING MANHOLE
PRIVATE
TOP=1042.63
INV. IN=1038.50 (STR. A)
INV. OUT=1038.40

(B) (B1) 5 LF OF 6" SDR-35 PVC AT 4.00%

(B1) S.S. C.O.
PRIVATE
TOP=1042.22
INV.=1035.00

(B1) (B2) 6 LF OF 6" SDR-35 PVC AT 4.00%

(B2) S.S. C.O.
PRIVATE
TOP=1042.32
INV.=1038.00
INV.=1038.00 (LAT. BLDG. B)

(B2) (B3) 53 LF OF 6" SDR-35 PVC AT 7.40%

(B3) S.S. C.O. (TRAFFIC BEARING LID)
PRIVATE
TOP=1041.92
INV.=1034.00

(B3) (C) 71 LF OF 8" SDR-35 PVC AT 2.28%

(C) S.S. C.O. (TRAFFIC BEARING LID)
PRIVATE
TOP=1043.15
INV.=1032.38

(C) (D) 53 LF OF 6" SDR-35 PVC AT 2.52%

(D) S.S. C.O.
PUBLIC
TOP=1036.00
INV=1031.04

(D) (ex. 'b') 11 LF OF 6" SDR-26 PVC AT 8.45%

(ex. 'b') ex. S.S. M.H.
PUBLIC
TOP=1034.04
INV. IN=1028.84 (STR. ex. 'a')
INV. IN=1030.11 (STR. B)
INV. OUT=1028.74
(PER WWA GIS-G.C. TO CONFIRM
PRIOR TO CONSTRUCTION)

(E) S.S. C.O.
PRIVATE
TOP=1043.68
INV. AT BLDG.=1041.25

(E) (E1) 5 LF OF 6" SDR-35 PVC AT 2.08%

(E1) S.S. SAMPLING MANHOLE
PRIVATE
TOP=1043.68
INV. IN=1041.15
INV. OUT=1041.05

(E1) (G) 33 LF OF 6" SDR-35 PVC AT 2.88%

(G) S.S. C.O. (TRAFFIC BEARING LID)
PUBLIC
TOP=1043.41
INV.=1040.10

(G) (ex. 'a') 10 LF OF 6" SDR-26 PVC AT 2.08%

(ex. 'a') ex. S.S. M.H.
PUBLIC
TOP=1045.1
SAFETY SLAB=1037.90
INV. IN=1037.30
INV. IN=1039.10 (STR. F)
INV. OUT=1037.20

NOTES:

1. G.C. TO CONFIRM & COORDINATE THE BUILDING TIE-IN LOCATION AND ELEVATION WITH M.E.P. AND ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION OF LATERAL.
2. G.C. TO CONFIRM THE TIE-IN LOCATION AND ELEVATION TO THE EXISTING MANHOLE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
3. G.C. SHALL CORE DRILL THE EXISTING MANHOLE AND PROVIDE A FLEXIBLE BOOT CONNECTION FOR THE PROPOSED CONNECTION.
4. G.C. SHALL REMOVE EX 6" S.S LATERAL FROM EX. MH 'B' AND UTILIZE EX. CORE FOR NEW CONNECTION. G.C. TO PROVIDE NEW 6" BOOT CONNECTION AT EX. INV.



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ROANOKE HILLS

STRUCTURE SCHEDULES

3641 & 3661 BLUE HILLS VILLAGE DR NE
CITY OF ROANOKE, VIRGINIA

DRAWN BY SMD
DESIGNED BY BTC
CHECKED BY BTC
DATE 2/25/2021
SCALE N/A
REVISIONS
3/31/2021
4/15/2021
P.R. #1 7/14/2021
P.R. #2 8/9/2021

C12
PROJECT NO. 04190070.00