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STRUCTURE TABLE			
STRUCTURE NAME:	DETAILS:	PIPES IN:	PIPES OUT
Structure 1 – VDOT EW–1	STA: 10+00.00 RIM = 1418.83' INV IN = 1415.00	Pipe – (25), 36" INV IN =1415.00'	
Structure 2 – VDOT MH–1	STA: 11+69.14 RIM = 1429.95' INV IN = 1416.79 INV OUT = 1416.69	Pipe – (24), 36" INV IN =1416.79'	Pipe – (25), 36" INV OUT =1416.69'
Structure 3 – VDOT DI–3B 12'	STA: 12+02.15 RIM = 1429.72' INV IN = 1417.22 INV OUT = 1417.12	Pipe – (23), 36" INV IN =1417.22'	Pipe – (24), 36" INV OUT =1417.12'
Structure 4 – VDOT DI–3C 12'	STA: 12+34.20 RIM = 1429.96' INV IN = 1418.14 INV IN = 1418.14 INV OUT = 1417.54	Pipe – (22), 30" INV IN =1418.14' Pipe – (58), 30" INV IN =1418.14'	Pipe – (23), 36" INV OUT =1417.54'
Structure 5 – VDOT DI–3B 12'	STA: 10+91.31 RIM = 1430.25' INV IN = 1422.73 INV IN = 1423.73 INV OUT = 1422.14	Pipe – (56), 24" INV IN =1422.73' Pipe – (57), 15" INV IN =1423.73'	Pipe – (58), 30" INV OUT =1422.14'
Structure 6 – VDOT DI–3B 8'	STA: 10+91.31 RIM = 1430.07' INV OUT = 1426.05		Pipe – (57), 15" INV OUT =1426.05'
Structure 7 – VDOT DI–3B 10'	STA: 12+34.20 RIM = 1437.50' INV IN = 1430.45 INV OUT = 1429.85	Pipe – (55), 18" INV IN =1430.45'	Pipe – (56), 24" INV OUT =1429.85'
Structure 8 – VDOT DI–3B 10'	STA: 12+34.20 RIM = 1437.50' INV OUT = 1431.09		Pipe – (55), 18" INV OUT =1431.09'
Structure 9 – VDOT DI–3B 10'	STA: 13+43.81 RIM = 1430.61' INV IN = 1419.85 INV OUT = 1419.75	Pipe – (21), 30" INV IN =1419.85'	Pipe – (22), 30" INV OUT =1419.75'
Structure 10 – VDOT MH–1	STA: 14+50.86 RIM = 1433.89' INV IN = 1421.15 INV IN = 1422.05 INV OUT = 1421.05	Pipe – (20), 30" INV IN =1421.15' Pipe – (61), 18" INV IN =1422.05'	Pipe – (21), 30" INV OUT =1421.05'
Structure 11 – VDOT DI–7 ALLI GRATE	STA: 10+30.92 RIM = 1434.00' INV IN = 1427.59 INV OUT = 1427.49	Pipe – (60), 18" INV IN =1427.59'	Pipe – (61), 18" INV OUT =1427.49'
Structure 12 – VDOT DI–7 ALLI GRATE	STA: 13+16.19 RIM = 1441.98' INV OUT = 1436.43		Pipe – (60), 18" INV OUT =1436.43'

NOTE: ALL STORM PIPE MATERIAL SHALL BE HDPE UNLESS NOTED OTHERWISE ON THESE PLANS

STRUCTURE TABLE			
STRUCTURE NAME:	DETAILS:	PIPES IN:	PIPES OUT
Structure 13 – VDOT DI–3B 6'	STA: 16+01.13 RIM = 1433.57' INV IN = 1423.25 INV IN = 1423.25 INV OUT = 1422.65	Pipe – (19), 24" INV IN =1423.25' Pipe – (63), 24" INV IN =1423.25'	Pipe – (20), 30" INV OUT =1422.65'
Structure 14 – VDOT DI–3B 8'	STA: 10+32.07 RIM = 1432.53' INV OUT = 1423.57		Pipe – (63), 24" INV OUT =1423.57'
Structure 17 – DI–3B 14'	STA: 16+43.65 RIM = 1434.50' INV IN = 1427.76 INV IN = 1428.26 INV OUT = 1427.16	Pipe – (18), 18" INV IN =1427.76' Pipe – (64), 15" INV IN =1428.26'	Pipe – (19), 24" INV OUT =1427.16'
Structure 18 – VDOT DI–3B 18'	STA: 10+46.28 RIM = 1432.46' INV OUT = 1428.55'		Pipe – (64), 15" INV OUT =1428.55'
Structure 19 – VDOT MH–1	STA: 17+67.50 RIM = 1440.44' INV IN = 1435.55 INV OUT = 1435.45	Pipe – (47), 18" INV IN =1435.55'	Pipe – (18), 18" INV OUT =1435.45'
Structure 20 – VDOT MH–1	STA: 18+50.38 RIM = 1444.03' INV IN = 1437.30 INV OUT = 1437.20	Pipe – (46), 18" INV IN =1437.30'	Pipe – (47), 18" INV OUT =1437.20'
Structure 21 – VDOT DI–3B 14'	STA: 18+82.37 RIM = 1444.03' INV IN = 1438.13 INV OUT = 1437.78	Pipe – (51), 15" INV IN =1438.13'	Pipe – (46), 18" INV OUT =1437.78'
Structure 22 – VDOT DI–3B 8'	STA: 20+23.17 RIM = 1447.74' INV IN = 1440.91 INV OUT = 1440.81	Pipe – (52), 15" INV IN =1440.91'	Pipe – (51), 15" INV OUT =1440.81'
Structure 23 – VDOT DI–3B 10'	STA: 21+39.89 RIM = 1449.94' INV OUT = 1445.12		Pipe – (52), 15" INV OUT =1445.12'

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Pipe Table						
NAME	SIZE	LENGTH	SLOPE	MATERIAL	MIN. COVER	MAX COVER
Pipe – (18)	18"	123.86'	6.21%		4'	5'
Pipe – (19)	24"	42.52'	9.18%		5'	8'
Pipe – (20)	30"	150.26'	1.00%		8'	10'
Pipe – (21)	30"	107.06'	1.12%		8'	10'
Pipe – (22)	30"	109.60'	1.46%		8'	9'
Pipe – (23)	36"	32.06'	1.00%		9'	9'
Pipe – (24)	36"	33.01'	1.00%		9'	10'
Pipe – (25)	36"	169.14'	1.00%		–2'	11'
Pipe – (46)	18"	32.00'	1.50%		5'	5'
Pipe – (47)	18"	82.87'	2.00%		4'	5'
Pipe – (51)	15"	140.80'	1.90%		4'	5'
Pipe – (52)	15"	116.72'	3.61%		3'	5'
Pipe – (55)	18"	32.00'	2.00%		5'	5'
Pipe – (56)	24"	177.90'	4.00%		5'	5'
Pipe – (57)	15"	32.00'	7.25%		3'	5'
Pipe – (58)	30"	91.31'	4.38%		5'	9'
Pipe – (60)	18"	285.28'	3.10%		4'	5'
Pipe – (61)	18"	30.92'	17.58%		5'	10'
Pipe – (63)	24"	32.07'	1.00%		7'	8'
Pipe – (64)	15"	46.28'	1.00%		2'	5'

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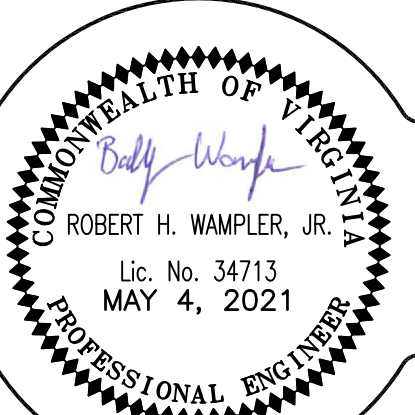
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No.	Description	Date	REVIEW				
			1ST	REVIEW	COMMENTS		
1		01/20/21					

**PRESERVE AT ASHLEY
BOTETOURT COUNTY**

**FRONT LOTS DEVELOPMENT
STORM SEWER TABLES**



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GRAPHIC SCALE

PROJECT: 20004

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