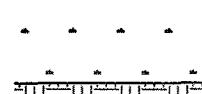
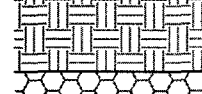
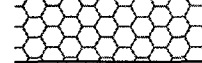


PATTERN LEGEND (EXISTING)

	ASPHALT (ROAD/PARKING)
	BAPTISMAL AREA
	WETLANDS
	PLANTED BED
	RIP-RAP

FO	UNDERGROUND FIBER OPTICS
T	UNDERGROUND TELEPHONE LINE
W	WATER LINE
S	SANITARY SEWER LINE
D	STORM DRAIN LINE
---	R/W AND PROPERTY BOUNDARY
G	GAS LINE
E	UNDERGROUND ELECTRIC LINE
---	GUARDRAIL
---	RAILROAD - ACTIVE
-1030-	EXISTING MAJOR CONTOURS
-1032-	EXISTING MINOR CONTOURS
---	UNKNOWN UTILITY
○	PROPERTY CORNER
⊠	PROPERTY MONUMENT
⌚	PROPERTY LINE
⊙	SANITARY SEWER MANHOLE
⊙	SANITARY SEWER CLEANOUT
⊙	STORM DRAINAGE MANHOLE
⊙	UTILITY POLE
⊙	GUY WIRE
⊙	STREET LIGHT
⊙	TREE
⊙	TREE CONIFER
⊙	SHRUB
⊙	BOLLARD
⊙	TRAFFIC ARROWS
⊙	MAILBOX
⊙	SIGN
⊙	TELEPHONE PEDESTAL
⊙	BLOW-OFF VALVE
⊙	GATE VALVE
⊙	WATER METER
⊙	WATER MANHOLE
⊙	WATER VAULT
⊙	FIRE HYDRANT
⊙	GAS VALVE
⊙	PAPER BOX
⊙	ELECTRIC BOX
⊙	TRAFFIC SIGNAL POLE
⊙	TELEPHONE MANHOLE
⊙	TELEPHONE VAULT
⊙	GAS METER
⊙	ELECTRIC BOX
⊙	ELECTRIC METER

AEP	AMERICAN ELECTRIC POWER
APCO	APPALACHIAN POWER COMPANY
B.W.L.	BROKEN WHITE LINE
CMP	CORRUGATED METAL PIPE
CNC	CONCRETE PIPE
CPP	CORRUGATED PLASTIC PIPE
DI	DROP INLET
DMH	DRAINAGE MANHOLE
D.Y.L.	DOUBLE YELLOW LINE
FO	UNDERGROUND FIBER OPTIC
GAS	UNDERGROUND GAS
GW	GUY WIRE
NPK	NO PARKING
OE	OVERHEAD ELECTRIC
OU	OVERHEAD UTILITIES
PVC	POLYVINYL CHLORIDE PIPE
RCP	REINFORCED CONCRETE PIPE
SS	SANITARY SEWER LINE
SSMH	SANITARY SEWER MANHOLE
S.W.L.	SOLID WHITE LINE
TCP	TERRA COTTA PIPE
UE	UNDERGROUND ELECTRIC
UG	UNDERGROUND GAS
UT	UNDERGROUND TELEPHONE
UV	UNDERGROUND VERIZON
VCP	VITRIFIED CLAY PIPE
VZN	VERIZON
W	WATERLINE
X	APPROXIMATE LOCATION

As-Built

REV	DATE	DESCRIPTION

DRAWING	SHEET
C1.01	4

Notes:

- THIS PLAT IS BASED ON A CURRENT FIELD SURVEY.
- THIS PLAT WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT AND THERE MAY EXIST ENCUMBRANCES WHICH EFFECT THE SUBJECT PROPERTY THAT ARE NOT SHOWN HEREON.
- THIS PROPERTY DOES NOT LIE WITHIN THE LIMITS OF A SPECIAL FLOOD HAZARD AREA AS DESIGNATED BY FEMA. THIS OPINION IS BASED ON AN INSPECTION OF THE FLOOD INSURANCE RATE MAPS AND HAS BEEN VERIFIED BY ACTUAL FIELD ELEVATIONS, SEE MAP #51067C0185C, DATED: DECEMBER 16, 2008. ZONE "X" (unShaded).
- THIS PLAT IS BASED ON VIRGINIA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 83 ADJUSTMENT, SURFACE VALUES. SURFACE VALUES WERE OBTAINED BY SCALING GRID COORDINATES BY A COMBINED SCALE FACTOR OF 1.00000821 AT POINT #10215 (N: 3541305.1730, E: 11080229.0690, ELEV: 1018.98).
- CONTOURS AS SHOWN HEREON ARE AT 2-FOOT INTERVALS.
- THIS PLAT DOES NOT GUARANTEE THE EXISTENCE OR LOCATION OF ANY UNDERGROUND UTILITIES. ALL SURFACE UTILITIES WERE FIELD LOCATED. ALL UNDERGROUND UTILITIES SHOWN WERE ESTABLISHED USING ABOVE GROUND STRUCTURES, AND MARKINGS BY MISS UTILITY. SEE MISS UTILITY TICKET NUMBERS B73400371 & B734003376. ALL UNDERGROUND UTILITY LINES ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO THE START OF ANY CONSTRUCTION.
- AERIAL MAPPING PREFORMED BY MCKENZIESNYDER, INC., JANUARY 7TH, 2018, MSI PROJECT NUMBER 17-140.

This Topographic Survey was completed under the direct and responsible charge of, Larry Thomas Ogle, Jr., LS #002459 from an actual Ground survey made under my supervision; that original data was obtained on December 26, 2017 through March 15th, 2018 ; and that this plat, including metadata meets minimum accuracy standards unless otherwise noted.

Existing Storm Drainage Table

#	STRUCTURE	RIM	TOP	GRATE	INV.OUT	INV.IN	THROAT
D-1	Headwall		1162.28'			1160.30' (12" CMP)	
D-2	Headwall		1160.24'		1157.71' (12" CMP)		
D-3	12" CMP				1165.87' (12" CMP)	1167.70' (12" CMP)	
D-4	12" CMP				1174.96' (12" CMP)	1176.06' (12" CMP)	
D-5	12" CMP				1184.13' (12" CMP)	1185.82' (12" CMP)	
D-6	12" CMP				1183.50' (12" CMP)	1184.78' (12" CMP)	
D-7	12" CMP				1089.17' (12" CMP)	1191.04' (12" CMP)	
D-8	Drop Inlet			1201.19'			
D-9	Drop Inlet			1202.07'			
D-10	20" HDPE				1186.76' (20" HDPE)		
D-11	24" CPP					1186.74' (24" CPP)	
D-12	15" RCP				1201.11' (15" RCP)	1204.31' (15" RCP)	
D-13	15" CMP				1193.21' (15" CMP)	1193.97' (15" CMP)	
D-14	12" RCP				1185.68' (12" RCP)	1187.36' (12" RCP)	
D-15	15" RCP				1188.54' (15" RCP)	1189.95' (15" RCP)	
D-16	18" CMP				1182.21' (18" CMP)	1183.39' (18" CMP)	
D-17	12" RCP				1183.29' (12" RCP)	1183.66' (12" RCP)	
D-18	18" CMP				1180.41' (18" CMP)	1182.12' (18" CMP)	
D-19	Headwall		1106.77'				
D-20	15" CMP				1129.76' (15" RCP)	1130.44' (15" RCP)	
D-21	15" CMP				1133.43' (15" CMP)	1133.81' (15" CMP)	
D-22	18" CMP				1149.93' (18" CMP)	1152.52' (18" CMP)	
D-23	24" CMP				1173.95' (24" CMP)	1177.58' (24" CMP)	
D-24	DI			1180.38'		1177.53' (24" CMP)	
D-25	15" RCP				1177.53' (24" CMP)	1186.45' (24" CMP)	
D-26	Headwall		1189.84'			1186.45' (24" CMP)	
D-27	DMH	1214.23'					
D-28	Curb Inlet		1212.80'	1212.33'			
D-30	DMH	1213.63'			Not Accessible	Not Accessible	
D-31	18" CMP				1197.52' (18" CMP)	1200.30' (18" CMP)	
D-32	18" CMP				1202.28' (18" CMP)	1202.39' (18" CMP)	
D-33	DMH	1212.11'			1202.58' (18" CMP)	1207.21' (18" CMP)	
D-34	Curb Inlet		1212.11'	1212.76'	1208.56' (18" RCP)	1203.96' (96"± RCP)	3'
D-34a	Stormwater Treatment	1212.39'			1202.39'± (18" CMP)		
D-35	Drop Inlet	1213.66'			1204.31' (96"±/- CMP)	1204.31' (96"±/- CMP)	
D-36	Drop Inlet	1212.06'			1205.06' (96"±/- CMP)	1205.06' (96"±/- CMP)	
D-37	15" CPP				1203.76' (15" CMP)	1204.73' (15" CPP)	
D-38	18" CPP				1202.62' (18" CPP)	1203.45' (18" CPP)	
D-39	15" CPP				unknown (18" CPP)	1204.83' (15" CPP)	
D-40	Headwall		1205.66'		1203.64' (12" PVC)	unknown (12" PVC)	
D-41	Headwall		1204.25'		unknown (18" CMP)	1201.82' (18" CMP)	
D-42	15" CMP				1197.65' (15" CMP)	unknown (15" CMP)	
D-43	Headwall		1130.48'		1128.07' (18" CMP)		
D-44	18" CMP				1128.07' (18" CMP)	unknown	

Existing Sanitary Sewer Table

#	STRUCTURE	WYWA#	RIM	INV.OUT	INV.IN(1)	INV.IN(2)
S-1	SSMH	#500-0023.0	1215.90'	1205.50' (8" PVC)	1205.58' (8" PVC)	
S-2	SSMH	#500-0024.0	1212.75'	1208.40' (8" PVC)	1208.50' (8" PVC)	
S-4	SSMH	#500-0017.0	1205.11'	1189.41' (8" PVC)	1189.50' (8" PVC)	
S-5	SSMH	#500-0018.0	1206.23'	1196.55' (8" PVC)	1196.63' (8" PVC)	
S-6	SSMH	#500-0019.0	1206.88'	1197.03' (8" PVC)	1197.13' (8" PVC) SW	1199.03' (6" PVC) SE
S-7	SSMH		1208.83'	1199.50' (8" PVC)	1200.41' (8" PVC)	



Whitman, Requardt & Associates, LLP
1700 Kraft Dr, Suite 1200, Blacksburg, VA 24060

WESTERN VIRGINIA WATER AUTHORITY
601 South Jefferson Street, Suite 300
Roanoke, Virginia 24011

DES: PJM
DRAWN: JES
CHECK: GWF
DATE: 05/24/18

SCALE: N/A
HORIZ: N/A
VERT: N/A

SUMMIT VIEW BUSINESS PARK UTILITY IMPROVEMENTS
PHASE 1

EXISTING UTILITY SCHEDULES,
NOTES, & LEGEND