

Existing Storm Drainage Table										
#	STRUCTURE	RIM	GRATE	TOP	INV.OUT	INV.IN	INV.IN(2)	INV.IN(3)	INV.IN(4)	THROAT
D-1	Curb Inlet	935.07'			929.98' (15" RCP)	930.25' (15" RCP)				3'
D-1a	Curb Inlet	934.95'			930.47' (15" RCP)	933.47' (15" RCP)				4'
D-1b	Curb Inlet	934.92'			931.08' (15" RCP)					6'
D-2	Curb Inlet	931.41'			926.71' (24" RCP)	926.65' (24" RCP) W	927.75' (12" RCP) NW			14'
D-2a	DMH	933.26'			930.31' (12" RCP)					
D-3	Curb Inlet	931.70'			926.14' (24" RCP)	926.14' (24" RCP)				20'
D-4	DMH	931.83'			920.83' (6x 6' Culvert) S	921.43' (60" RCP)	923.43' (24" RCP) W	924.13' (15" RCP) E	927.53' (3.6x 5.6" RCP) N	
D-4a	Curb Inlet	931.91'			926.71' (15" RCP)					20'
D-5	Curb Inlet	931.95'			925.37' (15" RCP)	925.35' (15" RCP)				3'
D-5a	Curb Inlet	931.42'			927.51' (15" RCP)	927.78' (15" RCP)				10'
D-5b	Curb Inlet	933.17"			928.27' (15" RCP)	928.32' (10" PVC)				6'
D-5c	DMH	933.25'			929.64' (10" PVC)	929.55' (8" PVC)				
D-6	Curb Inlet	934.88'			923.18' (18" RCP)					
D-7	Curb Inlet	938.98'			929.69' (18" RCP)	930.35' (18" RCP)				12'
D-7a	DMH	939.03'			930.35' (18" RCP)	930.45' (15" ABS) W	930.23' (12" ABS) SW			
D-7b	Curb Inlet	934.91'				932.45' (12" ABS)				
D-8	Curb Inlet	938.53'			925.49' (60" RCP) S	927.36' (15" RCP) NW	925.69' (60" RCP) N			12'
D-9	Curb Inlet	930.36'			923.66' (15" RCP)	923.91' (15" RCP)W	923.85' (15" RCP) S			3'
D-9a	Curb Inlet	931.41'			924.93' (15" RCP)					10'
D-9b	Curb Inlet	930.23'			926.28' (15" RCP)	926.46' (15" RCP)				3'
D-9c	Curb Inlet	930.36'			926.63' (15" RCP)					3'
D-10	Curb Inlet	932.80'			923.66' (30" RCP)	923.83' (24" RCP)				3'
D-10a	Curb Inlet	929.98'			925.24' (24" RCP)	925.36' (18" RCP) NW	925.38' (18" RCP) SW			6'
D-10b	Curb Inlet	930.82'			926.63' (18" RCP)					3'
D-10c	Curb Inlet	931.21'			927.58' (18" RCP)	927.61' (18" RCP)				16'
D-10d	Curb Inlet	931.96'			928.14' (18" RCP)					12'
D-11	DMH	935.6'			916.67' (6'x 6' Culvert)					
D-12	Curb Inlet	941.21'			936.74' (18" RCP)	936.86' (12" RCP) NE	936.89' (12" RCP) SW			6'
D-12a	Curb Inlet	941.16'			937.14' (12" RCP)					6'
D-12b	Curb Inlet	941.42'			938.02' (12" RCP)					6'
D-13	DMH	941.54'			936.14' (18" RCP)	936.43' (18" RCP) SE	937.12' (12" RCP)			
D-13a	Curb Inlet	941.58'			938.18' (12" RCP)					3'
D-14	DMH	943.12'			935.24' (18" RCP)	935.49' (18" RCP)				
D-15	DMH	944.38'			932.45' (30" RCP)	933.50' (18" RCP) NE	932.86' (18" RCP) SE			
D-16	Curb Inlet	941.32'			935.06' (15" RCP)	935.35' (15" RCP)				6'
D-16a	Curb Inlet	941.36'			936.26' (15" RCP)	936.64' (12" RCP)				6'
D-16b	Curb Inlet	941.39'			937.35' (12" RCP)					4'
D-16c	Curb Inlet	941.32'			935.81' (12" RCP)	935.88'			12'	
D-16d	Curb Inlet			940.32	936.39' (12" RCP)				3'	
D-17	DMH	941.39'			936.65' (24" RCP)	936.75' (15" RCP) N	937.34' (15" RCP) E			
D-17a	Curb Inlet	942.77'			937.76' (15" RCP)	938.07' (12" RCP)			6'	
D-17b	Curb Inlet	942.34'			939.01' (12" RCP)				6'	
D-17c	Curb Inlet	940.84'	940.40'		936.64' (24" RCP)	936.79' (24" RCP)				
D-18	DMH	942.15'			928.61' (RCP)	931.77' (12" RCP) N	937.16' (15" RCP) SE	937.27' (15" RCP) W		
D-18a	Curb Inlet	941.16'			937.52' (15" RCP)				5'	
D-20	Curb Inlet	942.42'			935.95' (24" RCP)	936.02' (24" RCP)			6'	
D-21	Curb Inlet	940.98'			934.34' (24" RCP)	934.40' (24" RCP)			6'	
D-22	DMH	939.33'			933.11' (30" RCP)	933.31' (24" RCP)				
D-23	DMH	937.78'			932.05' (30" RCP)	932.05' (30" RCP) NE	933.78' (18" RCP) S			
D-23a	Curb Inlet	937.23'			932.84' (18" RCP)				8'	
D-24	DMH	937.24'								
D-24a	Curb Inlet	937.11'							10'	
D-24b	Curb Inlet	937.09'							4'	

Existing Sanitary Sewer Table							
#	STRUCTURE	WVWA#	RIM	INV.OUT	INV.IN(1)	INV.IN(2)	INV.IN(3)
S-1	SSMH	12A-3518.0	933.73'	928.15' (10" VCP)	928.12' (10" VCP)		
S-2	SSMH	12A-3519.0	932.78'	928.12' (10" VCP)	928.13' (10" VCP) W	928.27' (8") S	
S-3	SSMH	12A-3519.5	932.15'	927.94' (10" CNC)	928.02' (10" VCP) W	927.85' (8") S	928.59' (6") N
S-4	SSMH	12A-3520.0	931.48'	921.08' (10" CNC)	921.15' (10" CNC)W	924.88' (10" CNC) N	
S-5	SSMH	12A-0014.0	930.98'	920.98' (24" CNC)	920.98' (24" CNC) W	921.03' (10" CNC) N	
S-6	SSMH	12A-0015.0	931.07'	921.39' (24" CNC)	921.39' (24" CNC) W	924.07' (12" DIP)	
S-6a	SSMH	12A-0016.0	935.92'	924.07' (24" CNC)	924.07' (24" CNC)		
S-6b	SSMH	13-0001.0	931.46'	927.46' (12" DIP)	927.46' (12" DIP)		
S-7	SSMH	12A-0013.0	931.57'	918.73' (24" CNC)	918.73' (24" CNC) W	921.12' (8" CNC) SE	
S-8	SSMH	12A-0012.0	931.64'	918.64' (24" CNC)	918.64' (24" CNC) W	925.38' (12" CNC) NW	
S-8a	SSMH	12A-3516.0	932.30'	927.35' (12" CNC)	927.63' (12" CNC)		
S-8b	SSMH	12A-3001.0	934.38'	928.23' (12" CNC)	929.18' (12" CNC)		
S-9	SSMH	12A-0011.0	935.75'	916.82' (24" CNC)	916.82' (24" CNC) W	929.22' (8" DIP) N	

Existing Waterline Table			
#	RIM	TOP_OF_NUT	DESCRIPTION
W-A	937.06'	930.96	Valve
W-B	938.40'	931.83'	Blow-Off Valve
W-C	939.63'	938.30'	Valve
W-D	939.36'	936.63'	Valve
W-E	942.78'	937.51'B	Blow-Off Valve
W-F	941.55'	937.66'	Valve
W-G	941.61'	934.51'	Valve
W-H	941.55'	935.01'	Air Release Valve
W-J	940.46'	933.86' TP	Valve
W-K	938.84'	936.49'	Valve
W-L	938.77'	936.84'	Valve
W-M	938.35'	Full	Valve
W-N	937.90'	934.84'	Valve
W-P	937.66'	934.59'	Valve
W-Q	937.68'	935.23'	Valve
W-R	936.47'	931.72'	Valve

Notes:

- 1) THIS PLAT IS BASED ON A CURRENT FIELD SURVEY.
- 2) 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.
- 3) A PORTION OF THIS SURVEY (SEE SHEET 4 of 4) DOES 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 #51161C0166G, DATED: SEPTEMBER 28, 2007. ZONE "AE", ZONE "X" (SHADED) AND ZONE "X" (unShaded).
- 4) 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 1.000093669 AT POINT #11001 (N: 3629665.3400, E: 11063530.4300, ELEV: 937.84).
- 5) CONTOURS AS SHOWN HEREON ARE AT 2-FOOT INTERVALS.
- 6) 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 A900400602, A900400544 & A900400586. ALL UNDERGROUND UTILITY LINES ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO THE START OF ANY CONSTRUCTION.

PATTERN LEGEND (EXISTING)

	CONCRETE
	STONE/MODULAR
	PLANTED BED
	VEGETATION

SYMBOL LEGEND (EXISTING)

	FO	UNDERGROUND FIBER OPTICS
	T	UNDERGROUND TELEPHONE LINE
	W	WATER LINE
		SANITARY SEWER LINE
		STORM DRAIN LINE
		R/W AND PROPERTY BOUNDARY
	UG	SURVEYED GAS LINE
	G	RGG GIS DATA 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
		TRAFFIC ARROWS
		MAILBOX
		SIGN
		TELEPHONE PEDESTAL
		GATE VALVE
		WATER METER
		WATER MANHOLE
		WATER VAULT
		FIRE HYDRANT
		GAS VALVE
		ELECTRIC VAULT
		TRAFFIC SIGNAL POLE
		TELEPHONE MANHOLE
		TELEPHONE VAULT
		GAS METER
		ELECTRIC MANHOLE
		LAMP POST
		ELECTRIC TRANSFORMER
		AIR RELEASE VALVE
		BLOW-OFF VALVE
		TRAFFIC MANHOLE

AEP	AMERICAN ELECTRIC POWER
B	BOTTOM OF MANHOLE
B.W.L.	BROKEN WHITE LINE
CMP	CORRUGATED METAL PIPE
CNC	CONCRETE PIPE
C&G	CONCRETE & GUTTER
DIP	DUCTILE IRON PIPE
DMH	DRAINAGE MANHOLE
D.Y.L.	DOUBLE YELLOW LINE
FO	UNDERGROUND FIBER OPTIC
GAS	UNDERGROUND GAS
GW	GUY WIRE
NOP	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
TP	TOP OF PIPE
TS	TRAFFIC SIGNAL WIRE
UE	UNDERGROUND ELECTRIC
UG	UNDERGROUND GAS
UT	UNDERGROUND TELEPHONE
UV	UNDERGROUND VERIZON
VCP	VITRIFIED CLAY PIPE
W	WATERLINE
X	APPROXIMATE LOCATION

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	SCALE:	N/A
DRAWN:	JES	HORIZ:	N/A
CHECK:	PJM	VERT:	N/A
DATE:	9/02/2020		

**WILLIAMSON ROAD
WATER MAIN REPLACEMENT &
ROANOKE GAS COMPANY GAS MAIN REPLACEMENT**

SURVEY SCHEDULES, NOTES, & EXISTING LEGEND	DRAWING	SHEET
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