

Existing Storm Drainage Table									
#	STRUCTURE	RIM	GRATE	INV.OUT	INV.IN	INV.IN(2)	INV.IN(3)	SRUCTURE_INV	THROAT
D-1	DMH	1029.76'		1022.24' (42" RCP)	1022.35' (42" RCP) SW	1023.19' (15" RCP) N	1023.81' (18" RCP) NE		
D-1a	Curb Inlet	1028.76'		1024.00' (18" RCP)					8'
D-1b	Curb Inlet	1029.43'		1024.46' (15" RCP)	1024.56' (15" RCP) NE				3'
D-1c	DMH	1026.06'		1018.55' (42" RCP)	1018.68' (42" RCP) NE				
D-1d	DMH	1035.94'		1024.20' (42" RCP)	1026.46' (42" RCP) NW	1025.73' (21" RCP (24")) SW			
D-2	Curb Inlet	1028.95'		1023.91' (15" RCP)					3'
D-3	Curb Inlet	1028.95'		1022.84' (15" RCP)					3'
D-4	DMH	1032.05'		1012.96' (12" MTL)	Vertical Pipe			1022.98'	
D-5	Drop Inlet		1042.52'	1038.95' (15" RCP (18"))	1039.13' (12" RCP (15")) NE				
D-5a	Drop Inlet		1041.46'	1039.43' (12" RCP (15"))	1039.55' (12" RCP) NW				
D-5b	Drop Inlet		1042.33'	1040.11' (10" STL (12"))	1040.17' (10" STL (12")) NE				
D-5c	Drop Inlet		1041.95'	1040.64' (10" STL (12"))					
D-5d	18" RCP			1036.67' (18" RCP)	1038.95' (18" RCP)				
D-6	Curb Inlet		1044.11'	1042.03' (15" RCP)					4'
D-6a	15" RCP			1040.85' (15" RCP)					
"Size" in Plan View or "Size per LAPC (Size)" - indicates Pipe Size per Roanoke City's GIS									

Existing Sanitary Sewer Table							
#	STRUCTURE	WVWA#	RIM	INV.OUT	INV.IN(1)	INV.IN(2)	INV.IN(3)
S-1	SSMH	13-3539.0	1030.23'	1020.04' (12" DIP)	1020.21' (12" DIP) SW	1020.38' (8" CNC) NW	
S-1a	SSMH	13-3540.0	1030.95'	1021.83' (8" CNC)	1022.16' (8" HDP) NW	1022.21' (8" VCP) NE	
S-1b	SSMH	13-3553.0	1035.97'	1022.40' (12" DIP)	1023.78' (12" DIP) NW	1022.55' (8" CNC) SW	
S-2	SSMH	13-3538.0	1030.13'	1019.54' (12" DIP)	1020.10' (12" DIP) NW	1019.93' (8" DIP) NE	
S-2a	SSMH	13-3537.0	1028.18'	1018.47' (12" DIP)	1018.64' (12" DIP) NW		
S-3	SSMH	13-3543.0	1029.32'	1021.57' (8" DIP)	1021.74' (8" CNC) NE		
S-4	SSMH	13-3544.0	1043.04'	1031.64' (8" CNC)	1031.74' (8" CNC) NE		
S-5	SSMH	13-3545.0	1042.72'	1036.39' (8" CNC)	1036.37' (8" CNC) NE		
S-6	SSMH	13-3546.0	1049.35'	1042.64' (8" CNC)	1044.09' (8" CNC)		
S-7	SSMH	13-3477.0	1044.05'	1036.01' (8" CNC)	1036.01' (8" CNC) NE	1036.10' (8" CNC) N	1036.16' (8" VCP) NW
S-7a	SSMH	13-3478.0	1049.65'	1043.12' (8" CNC)	1043.25' (8" CNC) NE		
S-8	SSMH	05A-3551.0	1068.43'	1058.15' (8" VCP)	1058.28' (8" VCP) S		
S-8a	SSCO	05A-3551.9	1064.88'	1061.08' (8" VCP)			
(All pipe sizes and materials per Western Virginia Water Authority GIS)							

Waterline Elevation Table			
#	RIM	TOP_OF_NUT	STRUCTURE
W-1	1031.79'	1029.77'	Manhole
W-2	1029.14'	1028.00'	Manhole
W-3	1031.49'	1028.80'	Valve
W-4	1031.82'	1029.87'	Manhole
W-5	1031.71'	1030.32'	Manhole
W-6	1030.48'	1028.62'	Valve
W-7	1028.79'	1027.27'	Manhole
W-8	1051.31'	1049.76'	Manhole
W-9	1052.52'	1051.09'	Manhole
W-10	1051.75'	1049.65'	Manhole
W-11	1052.14'	1051.32'	Manhole
W-12	1052.04'	1050.79'	Manhole
W-13	1050.42'	1049.23'	Manhole
W-14	1052.19'	1049.84'	Manhole
W-15	1064.91'	1062.96'	Manhole
W-16	1066.50'	1063.30'	Manhole
W-17	1060.19'	1057.45'	Manhole
W-18	1059.55'	1056.89'	Manhole
W-19	1059.04'	1057.67'	Manhole
W-20	1059.29'	1056.71'	Manhole
W-21	1041.73'	1040.48'	Valve

PATTERN LEGEND (EXISTING)

	ASPHALT (ROAD/PARKING)
	GRAVEL (ROAD/PARKING)
	CONCRETE
	VEGETATION

SYMBOL LEGEND (EXISTING)

	FO	UNDERGROUND FIBER OPTICS
	T	UNDERGROUND TELEPHONE LINE
	W	WATER LINE
	S	SANITARY SEWER LINE
	D	STORM DRAIN LINE
	G/W	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
		SEWER CLEAN OUT
		ELECTRIC BOX
		UTILITY POLE
		TRAFFIC SIGNAL POLE
		TELEPHONE MANHOLE
		TELEPHONE VAULT
		TRAFFIC SIGNAL CABINET
		TRAFFIC VAULT
	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
	DIP	DUCTILE IRON PIPE
	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
	OT	OVERHEAD TELEPHONE
	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

Notes:

- THIS PLAT IS BASED ON A CURRENT FIELD SURVEY.
- THIS PLAT WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT AND ENCUMBRANCES MAY EXIST WHICH EFFECT THE SUBJECT PROPERTY THAT ARE NOT SHOWN HEREON.
- THIS PROPERTY AS SHOWN HEREON 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 COMMUNITY PANELS #510130 0162 G & #510130 0166 G, MAPS #51161C0162G & #51161C0162G DATED: SEPTEMBER 28, 2007. ZONE "X" (unSHADED).
- HORIZONTAL (NAD 83 (VIRGINIA STATE PLANE, SOUTH ZONE)) AND VERTICAL CONTROL (NAVD88) WERE ESTABLISHED BY GPS OBSERVATIONS OF THE CITY OF ROANOKE'S CONTROL MONUMENTS.
- COORDINATE VALUES AS SHOWN HEREON ARE SURFACE COORDINATES ESTABLISHED BY SCALING THE GRID COORDINATES AT POINT #11003 (N:3637938.95200, E:11064187.95800, ELEV.:1051.84') BY A COMBINED SCALE FACTOR OF 1.00009924.
- CONTOURS AS SHOWN HEREON ARE AT A 2-FOOT INTERVAL.
- 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, AVAILABLE PUBLIC RECORDS AND MARKING ESTABLISHED BY MISS UTILITY OF VIRGINIA TICKET #A732000697. ALL UNDERGROUND UTILITY LINES ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO THE START OF ANY CONSTRUCTION.

This Partial Topographic Survey was completed under the direct and responsible charge of, Larry Thomas Ogle, Jr., LS #2459 from an actual Ground survey made under my supervision; that the original data was obtained November 16th through December 21st, 2017; and that this plat, including metadata meets minimum accuracy standards unless otherwise noted.

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WESTERN VIRGINIA WATER AUTHORITY 601 South Jefferson Street, Suite 300 Roanoke, Virginia 24011		DES: PJM DRAWN: JES CHECK: GWF DATE: 6/6/18	SCALE: N/A HORIZ: N/A VERT: N/A	HUNTINGTON BLVD WATER & SEWER MAIN REPLACEMENT	SURVEY SCHEDULES, NOTES, & EXISTING LEGEND	DRAWING —	SHEET 3
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