

Existing Sanitary Sewer Table						
#	STRUCTURE	WVWA#	RIM	INV.OUT	INV.IN(1)	INV.IN(2)
S-1	SSMH	07A-3102.0	1027.58'	1023.53' (8" CNC)	1053.58' (8" CNC) E	
S-2	SSMH	07A-3101.0	1025.96'	1019.65' (8" VCP)	1021.85' (8" CNC) E	1019.72' (6" SS) NW
S-3	SSMH	07A-3100.0	1026.36'	1018.73' (8" VCP)	1018.77' (8" VCP)	
S-3a	SSMH		1026.19'	1019.14' (6" SS)	1019.19' (6" SS) W	
S-4	SSMH	07A-3099.0	1022.32'	1014.42' (8" VCP)	1014.47' (8" VCP) N	
S-5	SSMH	07A-3098.0	1019.17'	1011.60' (8" VCP)	1011.74' (8" VCP) N	1012.07' (8" VCP) E
S-5a	SSMH	07A-3113.0	1020.89'	1013.30' (8" VCP)	1016.64' (8" VCP) E	
S-6	SSMH	07A-3097.0	1017.10'	1009.62' (8" VCP)	1009.68' (8" VCP) NE	1009.95' (6" SS) E
S-7	SSMH	07A-3096.0	1014.00'	1005.83' (8" CIP)	1005.87' (8" VCP) N	1010.00' (6" SS) NW
S-8	SSMH	07A-3095.0	1013.33'	1004.56' (8" DIP)	1004.60' (8" CIP) NE	1005.24' (8" CIP) E
(All pipe sizes and materials per Western Virginia Water Authority GIS)						

Existing Storm Drainage Table						
#	STRUCTURE	RIM	INV.OUT	INV.IN	INV.IN(2)	THROAT
D-1	Curb Inlet	1016.64'	Full of Debris	Full of Debris		10'
D-2	Curb Inlet	1016.86'	1012.76' (24" RCP) NE	1012.81' (24" RCP)		8'
D-3	DMH	1018.66'	1014.24' (24" RCP) NE	1014.28' (18" RCP (24")*)	1014.27' (18" RCP (15")) E*	
D-3a	Curb Inlet	1020.64'	1014.89' (18" RCP (15"))*	1014.94' (15" RCP)		12'
D-3b	Curb Inlet	1020.77'	1015.52' (15" RCP)			12'
D-4	Curb Inlet	1019.74'	1015.54' (18" RCP (24"))*			18'
D-5	Curb Inlet	1013.45'	1007.80' (24" STL)	1007.84' (18" RCP)		8'
D-6	DMH	1013.09'				
D-6a	Curb Inlet	1013.47'	1009.01' (15" RCP)			10'
D-6b	Curb Inlet	1013.23'	1011.08' (15" RCP) N		1008.88' (15" RCP)	6'
D-7	Curb Inlet	1013.53'	1008.76' (15" RCP)	1008.78' (18" RCP (15")) NE*		8'
D-8	Curb Inlet	1013.98'	1010.15' (15" RCP)			10'

\* EX.: 1014.89' (18" RCP (15")).  
18" RCP - AS MEASURED BY SURVEYOR,  
15" PER CITY OF ROANOKE GIS RECORDS.

Waterline Elevation Table			
#	RIM	TOP_OF_NUT	DESCRIPTION
W-1	1027.48'	1024.12'	Manhole
W-2	1026.17'	1020.77'	Manhole
W-3	1026.14'	1020.26'	Manhole
W-4	1026.27'		Valve
W-5	1025.69'		Manhole
W-6	1026.01'	1022.69'	Air Release Valve
W-7	1019.23'	1017.27'	Manhole
W-8	1019.14'	1018.24'	Manhole
W-9	1013.89'	1010.61'	Manhole
W-10	1013.85'	1009.96'	Manhole Top of Pipe
W-11	1013.82'	Not Accessible	Manhole
W-12	1013.69'	1011.94'	Manhole
W-13	1014.17'	1012.41'	Manhole
W-14	1021.06'	1018.81'	Manhole
W-15	1012.94'	1010.32'	Manhole

- 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.
  - A PORTION OF THE PROPERTY AS SHOWN HEREON 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 COMMUNITY PANEL #510130 0142 G, MAP #51161C0142G, DATED: SEPTEMBER 28, 2007, ZONE "AE", ZONE "X" (SHADED) & 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 #15000 (N:3643184.4410, E:11046014.0700, ELEV.:1106.11') BY A COMBINED SCALE FACTOR OF 1.00010208.
  - 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 #A732000711. ALL UNDERGROUND UTILITY LINES ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO THE START OF ANY CONSTRUCTION.
  - BENCHMARK = METAL DISK IN CONCRETE - ELEVATION 1025.88' (NAVD88)

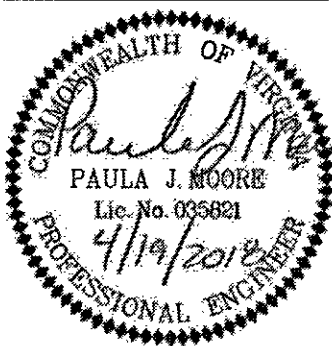
This Partial Topographic Survey was completed under the direct and responsible charge of,  
Larry Thomas Ogle, Jr., LS #2459 from an actual Ground survey made under my supervision; that  
the original data was obtained November 17th through December 18th, 2017; and that this plat, including  
metadata meets minimum accuracy standards unless otherwise noted.

PATTERN LEGEND (EXISTING)

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

SYMBOL LEGEND (EXISTING)

FO	UNDERGROUND FIBER OPTICS
UT	UNDERGROUND TELEPHONE LINE
W	WATER LINE
	SANITARY SEWER LINE
	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
	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
CIP	CAST IRON PIPE
CNC	CONCRETE PIPE
C&G	CURB & GUTTER
DIP	DUCTILE IRON PIPE
DMH	DRAINAGE MANHOLE
GW	GUY WIRE
NPk	NO PARKING
OE	OVERHEAD ELECTRIC
OU	OVERHEAD UTILITIES
OT	OVERHEAD TELEPHONE
RCP	REINFORCED CONCRETE PIPE
SS	SANITARY SEWER LINE
SSMH	SANITARY SEWER MANHOLE
S.W.L.	SOLID WHITE LINE
TS	TRAFFIC SENSOR WIRE
UE	UNDERGROUND ELECTRIC
UG	UNDERGROUND GAS
UT	UNDERGROUND TELEPHONE
VCP	VITRIFIED CLAY PIPE
W	WATERLINE
X	APPROXIMATE LOCATION



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

DES: PJM  
DRAWN: JES  
CHECK: GWF  
DATE: 04/19/18

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

PETERS CREEK ROAD  
WATER MAIN REPLACEMENT, PHASE 2

SURVEY SCHEDULES, NOTES, &  
EXISTING LEGEND

DRAWING

SHEET

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