

Existing Sanitary Sewer Structures						
#	STRUCTURE	WVWA#	RIM	INV.OUT	INV.IN(1)	INV.IN(2)
S-1	SSMH	07A-3147.0	1106.00'	1099.25' (8" TCP)	1099.65' (8" TCP) N	1099.44' (6" TCP) E
S-2	SSMH	07A-3148.0	1117.04'	1108.88' (8" TCP)	1108.90' (8" TCP) E	1111.39' (4" MTL) NW
S-3	SSMH	07A-3149.0	1118.98'	1109.09' (8" TCP)	1109.12' (6" TCP)	
S-4	SSMH	07A-3050.0	1125.88'			

Existing Storm Drainage Table			
#	STRUCTURE	INV.OUT	INV.IN
D-1	15" CMP	1115.92' (15" CMP)	1116.29' (15" CMP)
D-2	15" CMP	unknown	1115.76' (15" CMP)
D-3	15" CMP	1115.10' (15" CMP)	1115.21' (15" CMP)
D-4	15" CMP	1114.97' (15" CMP)	1115.08' (15" CMP)
D-5	15" CMP	1113.75' (15" CMP)	1114.47' (15" CMP)
D-6	15" CMP	1113.80' (15" CMP)	1113.75' (15" CMP)
D-7	18" CMP	1114.71' (18" CMP)	1114.81' (18" CMP)
D-8	15" CMP	1115.76' (15" CMP)	1116.05' (15" CMP)
D-9	15" CMP	1117.94' (15" CMP)	1118.13' (15" CMP)
D-10	15" CMP	1110.28' (15" CMP)	1112.00' (15" CMP)
D-11	15" CMP	1104.75' (15" CMP)	1104.92' (15" CMP)
D-12	18" CMP	1104.04' (18" CMP)	1104.64' (18" CMP)
D-13	15" CMP	1105.24' (15" CMP)	1105.34' (15" CMP)
D-14	15" CMP	1112.15' (15" CMP)	1112.50' (15" CMP)
D-15	15" CMP	1115.65' (15" CMP)	1117.03' (15" CMP)
D-16	15" RCP	1118.52' (15" RCP)	1121.86' (15" RCP)
D-17	15" RCP	1121.52' (15" RCP)	1122.48' (15" RCP)

Existing Waterline Table		
#	RIM	TOP_OF_NUT
W-A	1122.68'	1120.39'
W-B	1122.50'	
W-C	1117.79'	1114.18'
W-D	1122.17'	1119.37'
W-E	1122.15'	1120.06'
W-F	1121.81'	1120.60'
W-G	1121.55'	1118.86'
W-H	1122.28'	1120.37'
W-J	1108.89'	1105.61'
W-K	1123.59'	1120.13'

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) THIS PROPERTY 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 #51161C0161G, DATED: SEPTEMBER 28, 2007. 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 1.00010227 AT POINT #98 (N: 3636832.67163, E: 11048186.72587, ELEV: 1116.57).
- 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, A907702279, A907702288, A907702299, A907702315, A907702324 AND A907702338. ALL UNDERGROUND UTILITY LINES ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO THE START OF ANY CONSTRUCTION.

THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF, LARRY THOMAS OGLE, JR., L.S. #002459 FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT ORIGINAL DATA WAS OBTAINED ON MARCH 4TH THROUGH APRIL 16TH, 2019 ; AND THAT THIS PLAT, INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

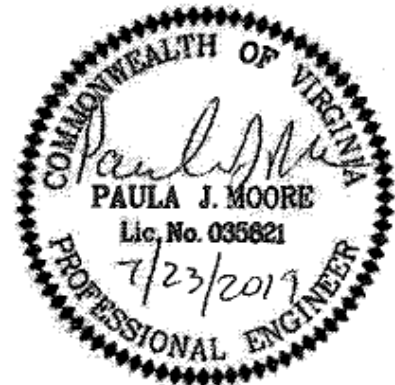
UTILITY TEST HOLES (TH) - DEPTH TO TOP OF UTILITY			
TH NO.	UTILITY	DEPTH	SHEET
1	UNDERGROUND TELEPHONE (UT) - 2" DIAM. ORANGE CONDUIT	4'-0"	11
	UNDERGROUND GAS MAIN (UG) - 6" DIAM. STEEL	2'-4"	
2	UNDERGROUND TELEPHONE (UT) - 2" DIAM. ORANGE CONDUIT	4'-4"	11
3	UNDERGROUND GAS (UG) - 6" DIAM. STEEL	2'-6"	13
	12" DIAM. WATER MAIN CAST IRON	3'-10.5"	

PATTERN LEGEND (EXISTING)

	GRAVEL
	CONCRETE
	RIp-RAP

SYMBOL LEGEND (EXISTING)

	UNDERGROUND FIBER OPTICS
	UNDERGROUND TELEPHONE LINE
	WATER LINE
	SANITARY SEWER LINE
	STORM DRAIN LINE
	SANITARY SERVICE LATERAL
	R/W AND PROPERTY BOUNDARY
	GAS LINE
	UNDERGROUND ELECTRIC LINE
	GUARDRAIL
	RAILROAD - ACTIVE
	EXISTING MAJOR CONTOURS
	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
	SHRUB
	BOLLARD
	TRAFFIC ARROWS
	MAILBOX
	SIGN
	TELEPHONE PEDESTAL
	WELL
	GATE VALVE
	WATER METER
	WATER MANHOLE
	WATER VAULT
	FIRE HYDRANT
	GAS VALVE
	PAPER BOX
	ELECTRIC VAULT
	TRAFFIC SIGNAL POLE
	TELEPHONE MANHOLE
	TELEPHONE VAULT
	GAS METER
	ELECTRIC BOX
	ELECTRIC METER
	ELECTRIC TOWER
	AMERICAN ELECTRIC POWER
	APPALACHIAN POWER COMPANY
	BROKEN WHITE LINE
	CORRUGATED METAL PIPE
	CONCRETE PIPE
	CONCRETE
	CORRUGATED PLASTIC PIPE
	DROP INLET
	DRAINAGE MANHOLE
	DOUBLE YELLOW LINE
	UNDERGROUND FIBER OPTIC
	UNDERGROUND GAS
	GUY WIRE
	NO PARKING
	OVERHEAD ELECTRIC
	OVERHEAD UTILITIES
	POLYVINYL CHLORIDE PIPE
	REINFORCED CONCRETE PIPE
	SANITARY SEWER LINE
	SANITARY SEWER MANHOLE
	SOLID WHITE LINE
	TERRA COTTA PIPE
	UNDERGROUND ELECTRIC
	UNDERGROUND GAS
	UNDERGROUND TELEPHONE
	VITRIFIED CLAY PIPE
	VERIZON
	WATERLINE
	APPROXIMATE LOCATION



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

DES: PJM	SCALE: N/A
DRAWN: JES	HORIZ: N/A
CHECK: GWF	VERT: N/A
DATE: 7/23/19	

HERSHBERGER ROAD
(GARSTLAND DRIVE TO FAIRHOPE ROAD)
WATER MAIN REPLACEMENT (WCIP-106)

SURVEY SCHEDULES, NOTES, &
EXISTING LEGEND

DRAWING

SHEET

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