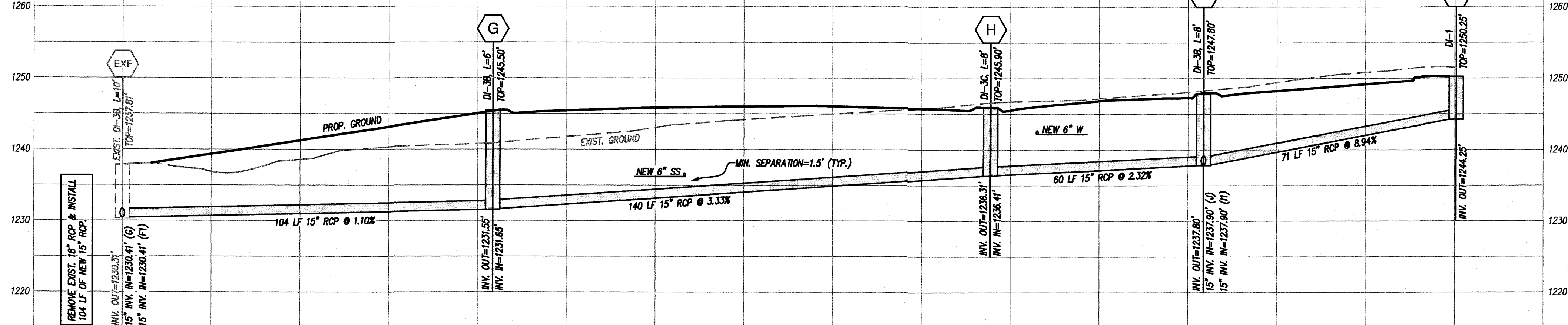
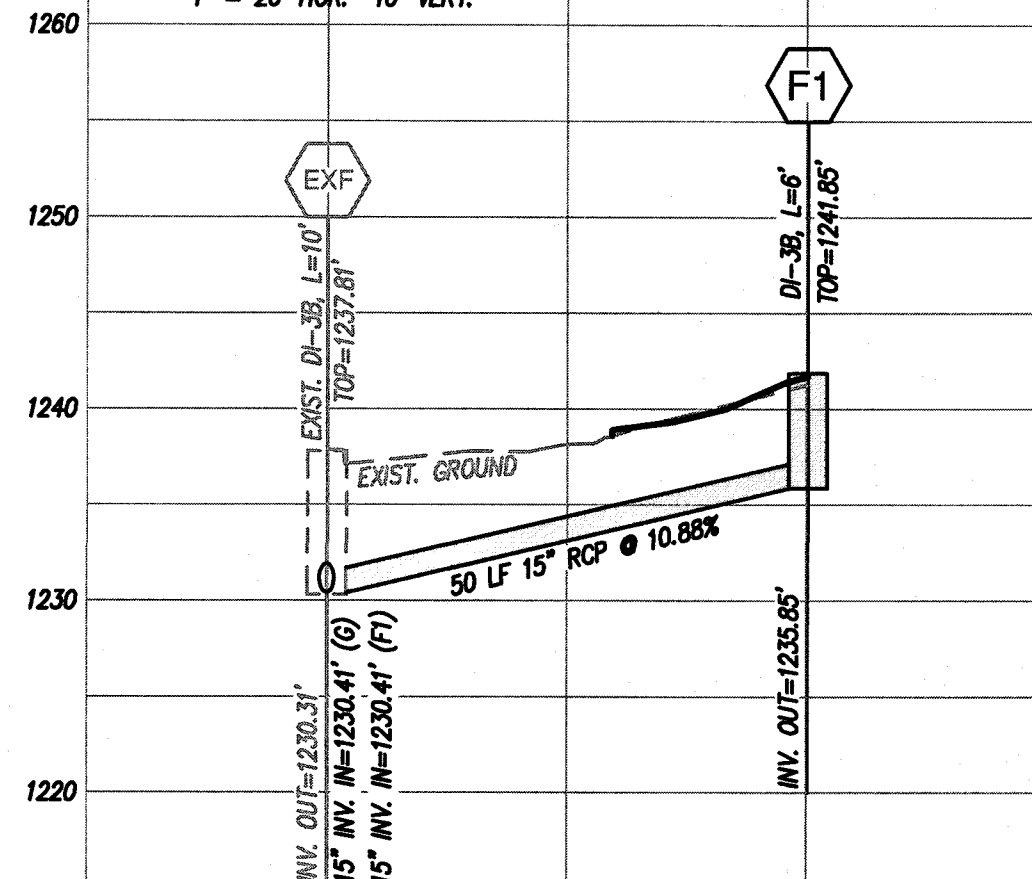
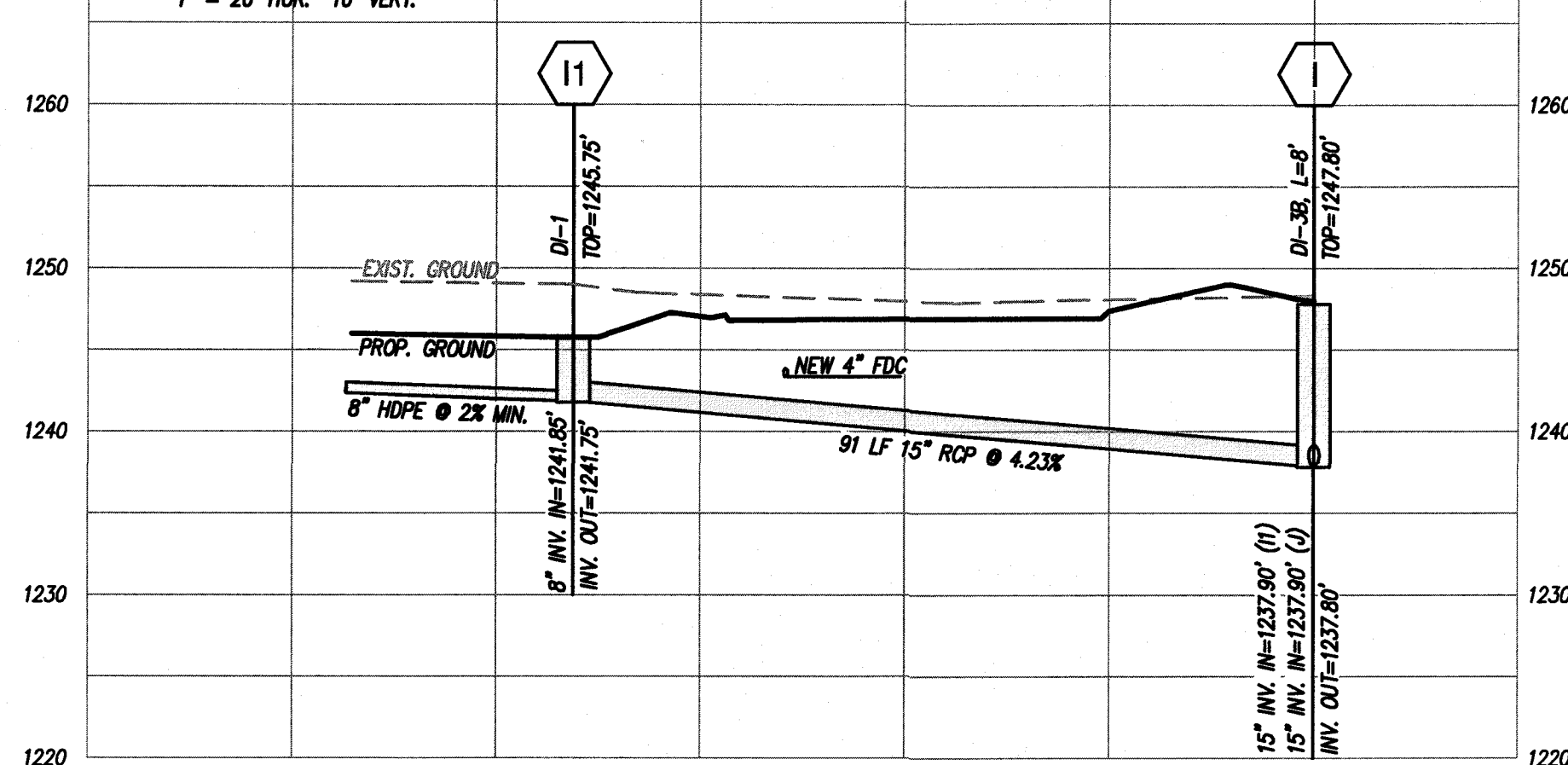
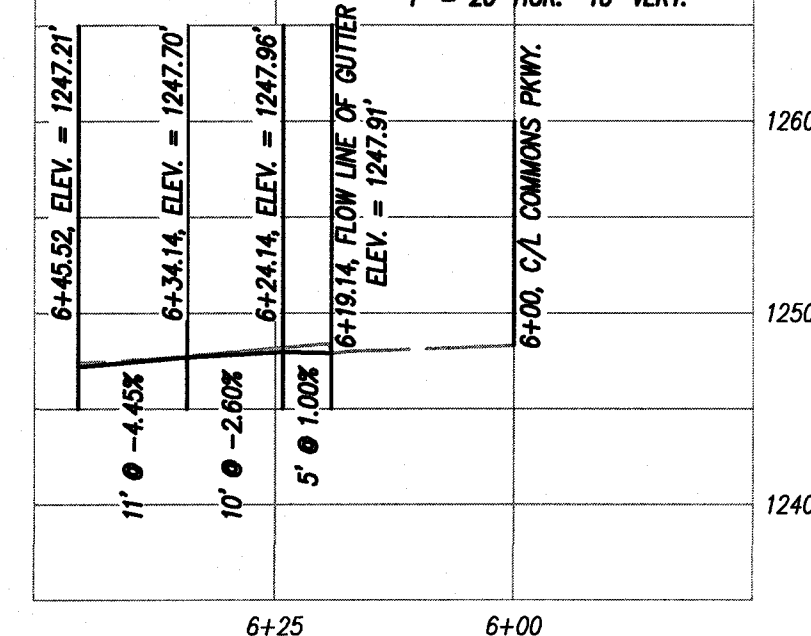
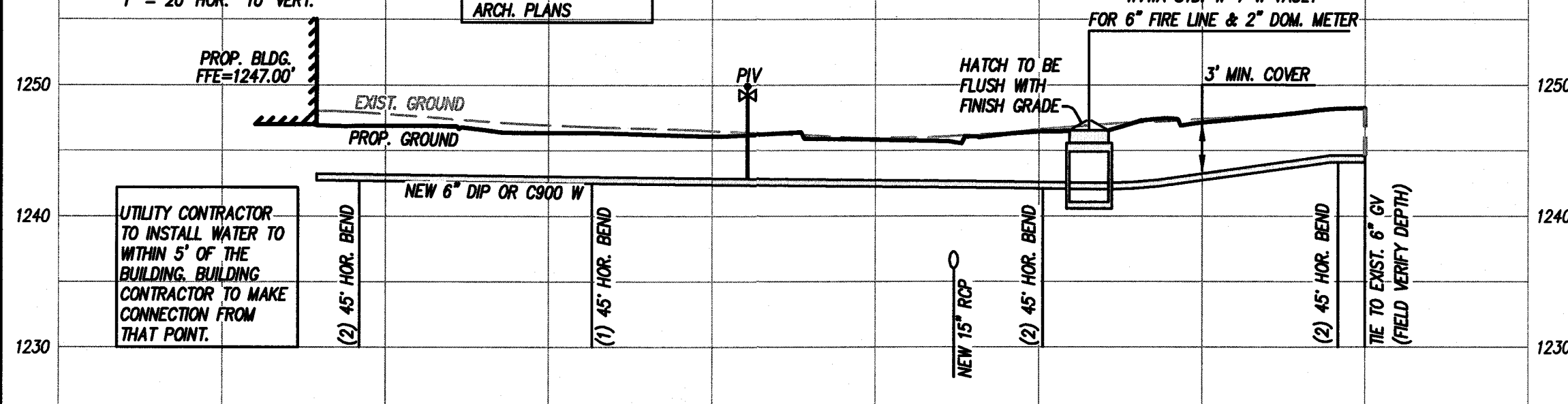
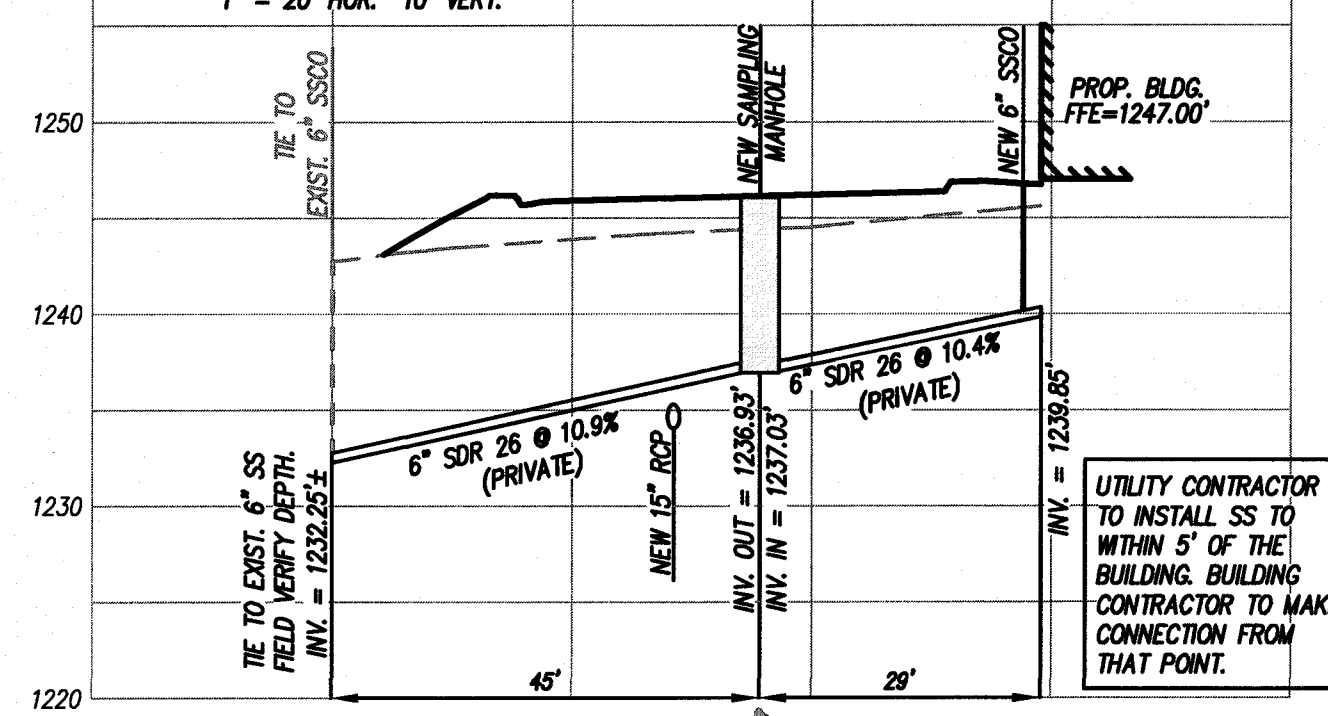


STORM DRAIN PROFILE  
1" = 20' HOR. 10' VERT.STORM DRAIN PROFILE  
1" = 20' HOR. 10' VERT.STORM DRAIN PROFILE  
1" = 20' HOR. 10' VERT.ENTRANCE PROFILE  
1" = 20' HOR. 10' VERT.WATER LINE PROFILE  
1" = 20' HOR. 10' VERT.SEWER LATERAL PROFILE  
1" = 20' HOR. 10' VERT.

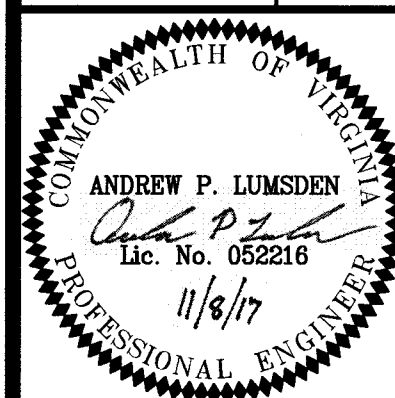
SAMPLING SSMH IS 9.10'DEEP  
C51 4' DIAMETER PRE-CAST  
U.S. FOUNDARY FRAME AND COVER  
VACUUM TESTED 12-12-17. PASSED.

## UNDERGROUND UTILITY NOTES:

- ALL NEW STORM DRAIN PIPE SHOWN ON THIS PLAN SHALL BE REINFORCED CONCRETE, CLASS III (OR APPROVED EQUAL) EXCEPT WHERE OTHER CLASSIFICATIONS AND/OR MATERIALS ARE INDICATED.
- ALL VDOT STANDARD STORM DRAIN INLET AND MANHOLE STRUCTURES SHALL INCLUDE IS-1 INLET SHAPING UNLESS INDICATED OTHERWISE.
- ALL DRAINAGE STRUCTURES DEEPER THAN 4.0 FEET SHALL HAVE STEPS (VDOT STD. ST-1).
- SAFETY SLABS (VDOT STD. SL-1) ARE REQUIRED IN ALL DRAINAGE STRUCTURES WITH A DEPTH OF 12.0 FEET OR GREATER. SPACING OF THE SAFETY SLABS SHOULD BE 8 TO 12 FEET WITH NO SLAB LOCATED WITHIN 6.0 FEET OF THE TOP OR BOTTOM OF THE STRUCTURE. ACCESS OPENINGS ARE TO BE STAGGERED FROM ONE SIDE OF STRUCTURE TO THE OTHER, AND STEPS (VDOT STD. ST-1) STAGGERED ACCORDINGLY, WHERE APPLICABLE.
- ALL WATER AND SEWER FACILITIES SHALL BE CONSTRUCTED AND INSTALLED ACCORDING TO THE LATEST EDITION OF THE WESTERN VIRGINIA WATER AUTHORITY AND WESTERN VIRGINIA REGIONAL DESIGN AND CONSTRUCTION STANDARDS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS, AND LOCATION OF ALL KNOWN AND UNKNOWN UTILITIES AND OR CONFLICTS.
- ALL WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM OF 3.0 FEET OF COVER.
- MAINTAIN A MINIMUM OF 18" CLEARANCE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER, SANITARY SEWER, AND STORM DRAIN CROSSINGS. WHERE THIS CLEARANCE CAN NOT BE ACHIEVED, CONCRETE PIERS SHALL BE UTILIZED IN ACCORDANCE WITH THE WESTERN VIRGINIA WATER AUTHORITY'S WATER AND SANITARY SEWER STANDARDS.
- SANITARY SEWER LATERAL PIPE MATERIAL SHALL BE PVC, SDR-26, EXCEPT AS NOTED, OR APPROVED EQUAL.
- THE NEW 6" WATER LATERAL SHALL BE DIP OR C900 PVC DR14, UNLESS OTHERWISE INDICATED, OR APPROVED EQUAL.
- CONTRACTOR SHALL ADJUST ALL VAULTS, LIDS AND MANHOLES TO FINAL GRADE.
- THE CONTRACTOR SHALL NOTIFY THE WESTERN VIRGINIA WATER AUTHORITY'S INSPECTOR'S OFFICE 3 DAYS IN WRITING PRIOR TO BEGINNING OF CONSTRUCTION. ( MARK SINK 540-537-3480)
- ALL CONNECTIONS TO THE EXISTING WATER SYSTEM MUST BE COORDINATED WITH THE WVWA; THE CONTRACTOR SHALL PROVIDE 5 DAYS NOTICE OF ANY ANTICIPATED WATER OUTAGE.
- ALL CONNECTIONS TO THE EXISTING SANITARY SEWER SYSTEM MUST BE COORDINATED WITH THE WVWA.

APPROVED

WVWA AVAILABILITY LETTER No. : 17-342



## PROFILES

SITE DEVELOPMENT PLAN FOR  
DAVITA KIDNEY CARE  
PREPARED FOR  
TIMBERBROOK ASSOCIATES, LLC  
AMSTERDAM MAGISTERIAL DISTRICT  
BOTETOURT COUNTY, VIRGINIA

REVISIONS							
NO.	DATE	DESCRIPTION					
1							
2							
3							
4							
5							

DATE:	November 8, 2017
SCALE:	1" = 20'(H), 1" = 10'(V)
COMMISSION NO.	17-078
SHEET	5 OF 10