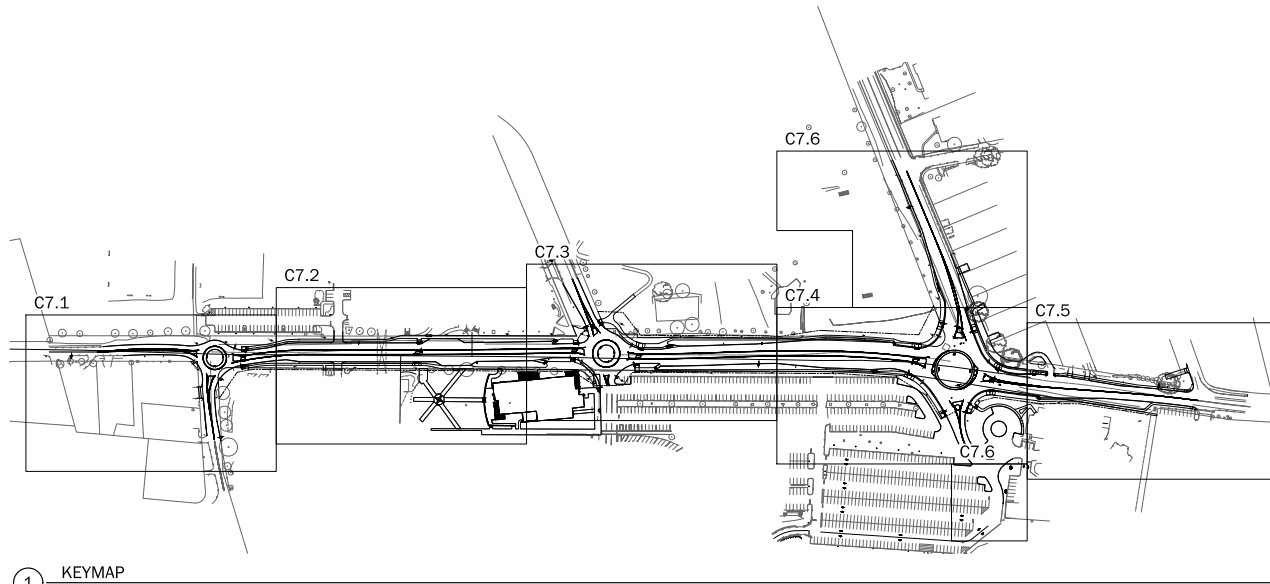


UTILITY PLANS



1 KEYMAP
SCALE: 1" = 150'

GENERAL UTILITY NOTES:

1. WATERLINE AND GAS LINE DEPTHS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO INSTALLATION OF PROPOSED IMPROVEMENTS.
2. ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE LATEST WVA DESIGN AND CONSTRUCTION STANDARDS.
3. LIDS OF ALL UTILITY STRUCTURES TO REMAIN SHALL BE ADJUSTED TO MATCH FINISHED GRADES.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL EXISTING UTILITIES LOCATED AND POTHOLED TO VERIFY LOCATIONS. THIS PLAN REVIEW DOES NOT REMOVE THE CONTRACTOR'S RESPONSIBILITY TO RELOCATE ANY EXISTING CONFLICTS FOUND DURING CONSTRUCTION AT THE COST OF THE DEVELOPER.
5. ANY EXISTING APPURTENANCES SHOULD BE ADJUSTED TO GRADE AND NEW FRAME AND COVERS INSTALLED WHERE REQUIRED.
6. THE CONTRACTOR OR DEVELOPER IS REQUIRED TO NOTIFY THE WESTERN VIRGINIA WATER AUTHORITY IN WRITING AT LEAST THREE (3) DAYS PRIOR TO ANY CONSTRUCTION. PLEASE CONTACT MARK SINK AT (540) 537-3480. ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE WESTERN VIRGINIA WATER AUTHORITY.
7. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 18" CLEARANCE VERTICALLY AND 2' MINIMUM HORIZONTALLY FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL EXISTING WATER AND SANITARY SEWER CROSSINGS OF ANY OTHER UTILITIES WHERE WATER AND SEWER STRUCTURES ARE AT DEPTHS LESS THAN 4 FEET. ANY EXISTING WATER AND SEWER STRUCTURES DEEPER THAN 4 FEET WILL REQUIRE A HORIZONTAL SEPARATION EQUAL TO 1 TO 1 RATIO OF DEPTH AND WIDTH, WHERE THIS CANNOT BE ACHIEVED ADDITIONAL MEASURES IN ACCORDANCE WITH WVA STANDARDS SHALL BE ENFORCED. OR WATER AND/OR SANITARY SEWER SHALL BE RELOCATED AT THE COST OF THE DEVELOPER.
8. FIELD CORRECTIONS SHALL BE APPROVED BY THE WESTERN VIRGINIA WATER AUTHORITY PRIOR TO SUCH CONSTRUCTION.
9. ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE WESTERN VIRGINIA WATER AUTHORITY.
10. ALL UTILITIES SHOWN ARE PUBLIC UTILITIES UNLESS OTHERWISE NOTED.

SEWER NOTES:

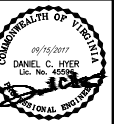
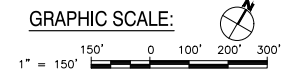
1. ALL SANITARY SEWER CONNECTIONS TO EXISTING LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY.
2. ALL SANITARY SEWER FACILITIES ARE TO BE INSTALLED ACCORDING TO THE WESTERN VIRGINIA WATER AUTHORITY DESIGN CONSTRUCTION STANDARDS.
3. ALL SANITARY SEWER CONNECTIONS TO EXISTING LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY.

WATER NOTES:

1. ALL WATER FACILITIES ARE TO BE INSTALLED ACCORDING TO THE WESTERN VIRGINIA WATER AUTHORITY DESIGN CONSTRUCTION STANDARDS.
2. ALL WATER CONNECTIONS TO EXISTING LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY.
3. ALL WATER OUTAGES SHALL BE SCHEDULED WITH THE WVA. PLEASE COORDINATE WITH MARK SINK (540) 537-3480, 7 DAYS PRIOR TO EXPECTED OUTAGE.
4. IF VERTICAL OR HORIZONTAL OFFSET IS REQUIRED OF EXISTING WATER UTILITIES, WVA WILL BE CONTACTED. IF GENERAL CONSTRUCTION SPECIFIED MINIMUM COVER CANNOT BE ACHIEVED, ADDITIONAL MEASURES MAY BE REQUIRED BY CONTRACTOR FOR BRIDGING AND SUPPORT.
5. CONTRACTOR TO PROVIDE FIVE (5) DAYS WRITTEN NOTICE ON ANY PLANNED WATER OUTAGE.

DETAIL REFERENCES:

- FOR VERTICAL OFFSET OF WATER & SANITARY SEWER FACILITIES, SEE DETAIL 2 SHEET C13.2
- FOR UTILITY BEDDING & PROTECTION, SEE DETAIL 3 SHEET C13.2
- FOR UTILITY TRENCH REPAIR, SEE DETAIL 5 SHEET C13.2
- FOR STORM DRAIN INLETS (DI-1, DI-3, ETC.), SEE DETAILS 1 & 2 SHEET C13.3
- FOR MANHOLES, SEE DETAIL 1 SHEET C13.2
- FOR UTILITY HANDHOLE, SEE DETAIL 4 SHEET C13.2
- FOR WVA STANDARD DETAILS SEE SHEET C16.0



DESIGNED:	L+G
CHECKED:	L+G
APPROVED:	DCH
DATE:	15 SEPT 2017
L+G PROJ. NO:	1510100

SHEET NUMBER:

C7.0

SHEET 67 OF 113