

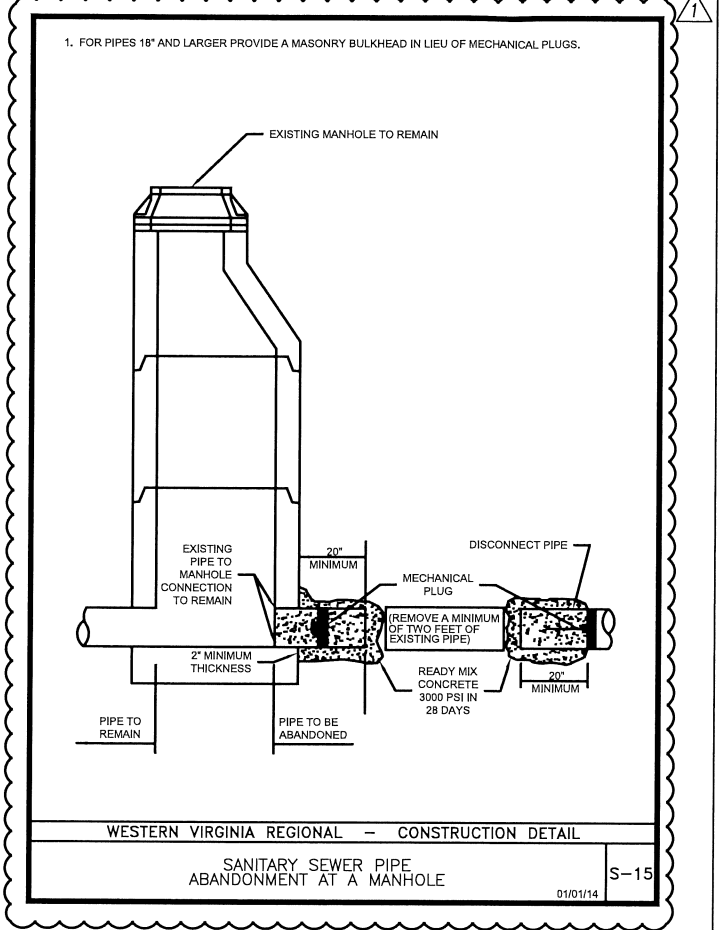
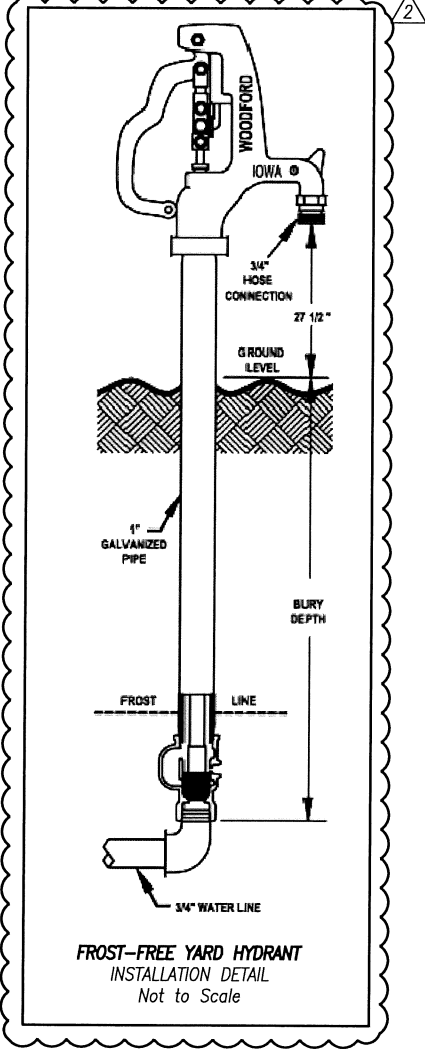
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GENERAL SITE NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS.
2. THE CONTRACTOR SHALL BEAR SOLE RESPONSIBILITY FOR THE CHARACTER AND ACTUAL LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES, STRUCTURES, OTHER FACILITIES, AND OBSTRUCTIONS WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL, AT NO ADDITIONAL COST TO THE OWNER, CONTACT THE OWNERS/OPERATORS OF ALL UTILITIES AND ARRANGE FOR THE VERIFICATION AND MARKING OF UTILITY LOCATIONS BY SAID OWNERS/OPERATORS. THE CONTRACTOR SHALL ASSIST THE UTILITY OWNERS/OPERATORS BY EVERY MEANS POSSIBLE TO DETERMINE THE LOCATION OF UTILITIES. THE CONTRACTOR SHALL BEAR SOLE RESPONSIBILITY FOR ALL DISTURBANCE OF ANY DAMAGE TO UTILITIES RESULTING FROM THE CONTRACTOR'S FAILURE TO ARRANGE FOR THE LOCATION OF UTILITIES BY THE OWNERS/ OPERATORS OF THE UTILITIES. CONTACT MISS UTILITY BY DIALING 811.
3. SITE CONDITIONS MAY NECESSITATE SLIGHT DEVIATIONS IN ALIGNMENT, GRADE, AND/OR LOCATION OF NEW FACILITIES FROM THE PLAN ALIGNMENT, GRADE, AND/OR LOCATION. THE CONTRACTOR SHALL CONSTRUCT THE NEW FACILITIES TO SUCH DEVIATIONS AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST OR FINE TO THE OWNER. SHOULD PLAN DEVIATIONS BE REQUIRED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO UNDER TAKING ANY REVISION.
4. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION AND ALL APPLICABLE STATE AND FEDERAL OSHA REGULATIONS.
5. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION AREA IN A SAFE AND ACCEPTABLE MANNER AND SHALL BE RESPONSIBLE FOR REMEDIATING ANY DAMAGES RESULTING FROM HIS FAILURE TO DO SO.
6. THE CONTRACTOR SHALL MAINTAIN LIMITS OF CONSTRUCTION WITHIN THE PROPERTY BOUNDARIES OR EASEMENTS AS INDICATED.
7. AN APPROVED SET OF PLANS SHALL BE KEPT ON THE SITE AT ALL TIMES.
8. ALL CONSTRUCTION DEBRIS SHALL BE CONTAINERIZED IN CONFORMANCE WITH THE VIRGINIA LITTER CONTROL ACT AND DISPOSED OF IN A MANNER AND LOCATION ACCEPTABLE TO THE GOVERNING JURISDICTION. AT LEAST ONE TRASH RECEPTACLE SHALL BE ONSITE DURING CONSTRUCTION.
9. TEMPORARY TOILETS SHALL BE PROVIDED ONSITE AT A RATIO OF ONE TOILET PER 30 WORKERS DURING THE CONSTRUCTION PERIOD.
10. GRADE STAKES SHALL BE SET FOR TOP OF BANK, TOE OF SLOPE, WATER LINES, SANITARY SEWER AND STORM SEWER.
11. THE CONTRACTOR SHALL MAINTAIN A CLEAR FLOW PATH TO AND THROUGH ALL SURFACE WATER AND STORM WATER DRAINAGE FACILITIES AT ALL TIMES.
12. THE CONTRACTOR SHALL GRADE, SEED, AND/OR SOD, AND MULCH THE ENTIRE AREA(S) DISTURBED BY CONSTRUCTION ACTIVITIES AND NOT PROPOSED AS HARDSCAPED FEATURES.
13. CONSTRUCTION AND START-UP OF ALL WORK SHALL NOT INTERFERE WITH THE OPERATION OF WATER AND SEWERAGE FACILITIES. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL WORK WITH THE OWNERS AS REQUIRED.
14. MINIMUM COVER ON ALL PIPE SHALL BE 3.0 FEET, UNLESS OTHERWISE SPECIFICALLY INDICATED ON THESE DRAWINGS. ALL PIPE SHALL BE INSTALLED WITH COATED TRACER WIRE TO FACILITATE FUTURE LOCATION OF PIPE AFTER CONSTRUCTION IS COMPLETED.
15. WHERE IT IS NECESSARY TO DEFLECT PIPE EITHER HORIZONTALLY OR VERTICALLY, PIPE JOINT DEFLECTION OR BARREL BEND RADIUS SHALL NOT EXCEED 75% OF THE MANUFACTURER'S RECOMMENDED DEFLECTION ANGLE OR BEND RADIUS.
16. ALL PIPING SHALL BE PROPERLY SUPPORTED. ALL PIPING WHICH WILL BE PRESSURIZED DURING OPERATION SHALL BE PROPERLY RESTRAINED.
17. ALL HDPE PIPE SHALL CONFORM TO THE CURRENT VDOT SPECIFICATIONS AND BE BEDDED IN ACCORDANCE WITH THE CURRENT VDOT STANDARDS.
18. CONSTRUCTION TRAFFIC SHALL UTILIZE EXISTING PAVED AREAS ONSITE FOR ACCESS TO THE PROJECT AREA.

WESTERN VIRGINIA WATER AUTHORITY NOTES:

- CONTRACTOR TO FIELD LOCATE EXISTING SANITARY SEWER LATERALS BEFORE ABANDONMENT AT CLEANOUT AND EXISTING WATER SERVICE BEFORE ABANDONMENT. ANY CONFLICT WITH EXISTING UTILITIES SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY.
- IT IS ASSUMED THAT GAS LATERALS TO EACH HOUSE IS APPROXIMATELY 2.50 FEET IN DEPTH. CONTRACTOR IS RESPONSIBLE FOR ENSURING GAS LATERALS ARE NOT DAMAGED DURING INSTALLATION OF THE 6" OR 4" PVC WATERLINE. IF NECESSARY, CONTRACTOR TO UTILIZE WATERLINE OFFSET DETAIL AS SHOWN ON THE UTILITY DETAIL SHEETS.
- CONTRACTOR TO PROVIDE ALL PIPING, FITTINGS, HYDRANTS, AND VALVES TO COMPLETE THE WATERLINE SYSTEM FOR THIS PROJECT PER PLANS AND SPECIFICATIONS.
- CONTRACTOR TO REPLACE ALL MAIL BOX'S AND SUPPORTS IF DAMAGED WHILE INSTALLING WATER LINE.
- ALL SERVICE LATERALS TO BE BORED UNDER THE ROAD PER VDOT STDS. AND SPECIFICATIONS. CONTRACTOR TO COORDINATE WITH VDOT BEFORE BORING LATERALS.
- ALL CONNECTIONS TO EX. WATERLINES SHALL BE PER WYMA STANDARDS & SPECIFICATIONS. CONTRACTOR TO PROVIDE ALL NECESSARY AND REQUIRED PIPING AND FITTINGS.
- ALL WATERLINES TO BE ABANDONED SHALL BE PER WYMA STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL BEAR SOLE RESPONSIBILITY FOR THE CHARACTER AND ACTUAL LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES, STRUCTURES, OTHER FACILITIES, AND OBSTRUCTIONS WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL, AT NO ADDITIONAL COST TO THE OWNER, CONTACT THE OWNERS/OPERATORS OF ALL UTILITIES AND ARRANGE FOR THE VERIFICATION AND MARKING OF UTILITY LOCATIONS BY SAID OWNERS/OPERATORS. THE CONTRACTOR SHALL ASSIST THE UTILITY OWNERS/OPERATORS BY EVERY MEANS POSSIBLE TO DETERMINE THE LOCATION OF UTILITIES. THE CONTRACTOR SHALL BEAR SOLE RESPONSIBILITY FOR ALL DISTURBANCE OF ANY DAMAGE TO UTILITIES RESULTING FROM THE CONTRACTOR'S FAILURE TO ARRANGE FOR THE LOCATION OF UTILITIES BY THE OWNERS/ OPERATORS OF THE UTILITIES. CONTACT MISS UTILITY (800) 552-7001.
- ALL GROUND APPURTENANCES SUCH AS FIRE HYDRANTS, WATER METERS, ETC. SHALL MEET VDOT'S CLEAR ZONE REQUIREMENTS I.E. 7.0' FROM EDGE OF PAVEMENT.
- PAVEMENT REPLACEMENT AND REQUIRED WIDTH OF PAVEMENT CUTS SHALL BE IN ACCORDANCE WITH THE LUP-SP AND LUP-OG LATEST REVISIONS.
- AS REQUIRED BY THE LUP-SP, A LICENSED GEOTECHNICAL ENGINEER MUST OBSERVE BACKFILL AND COMPACTION OPERATIONS AND PROVIDE TEST RESULTS TO VDOT UPON COMPLETION.
- ALL EQUIPMENT STAGING AND MATERIAL STORAGE MUST OCCUR OUTSIDE OF THE VDOT R-O-W.
- CONTRACTOR TO REVIEW TYPICAL VALVING DETAIL FOR ALL TEE'S AND CROSSES (SEE SHEET C6).
- PAVEMENT RESTORATION SHALL INCLUDE REPLACEMENT TO THE EXISTING EDGE OF PAVEMENT, REGARDLESS OF THE TRENCH WIDTH AND LOCATION UP TO ONE-HALF OF THE LANE WIDTH.
- A SAW CUT IS REQUIRED FOR ALL PAVEMENT DISTURBANCES PRIOR TO TRENCH EXCAVATION. A TACK COAT COAT MUST BE APPLIED TO THE VERTICAL SURFACES OF THE EXISTING PAVEMENT STRUCTURE PRIOR TO PLACING NEW PAVEMENT STRUCTURE PRIOR TO PLACING NEW PAVEMENT STRUCTURE. THE PAVEMENT SECTION SHALL BE A MINIMUM OF 6" - VDOT 21B AGGREGATE, 3"-BM-25.0A BASE, AND 1-1/2" - VDOT SM-9.5A SURFACE.
- SEWERS SHALL CROSS UNDER WATER MAINS SUCH THAT THE TOP OF THE SEWER IS AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER MAIN. WHEN LOCAL CONDITIONS PROHIBIT THIS VERTICAL SEPARATION, THE SEWER SHALL BE CONSTRUCTED OF ANWA SPECIFIED WATER PIPE AND PRESSURE TESTED IN PLACE WITHOUT LEAKAGE PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE PROVISIONS OF THIS CHAPTER. SEWERS CROSSING OVER WATER MAINS SHALL:
- A. BE LAID TO PROVIDE A SEPARATION OF AT LEAST 18 INCHES BETWEEN THE BOTTOM OF THE SEWER AND THE TOP OF THE WATER MAIN.
  - B. BE CONSTRUCTED OF ANWA APPROVED WATER PIPE AND PRESSURE TESTED IN PLACE WITHOUT LEAKAGE PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE PROVISIONS OF THIS CHAPTER.
  - C. HAVE ADEQUATE STRUCTURAL SUPPORT TO PREVENT DAMAGE TO THE WATER MAIN.
  - D. HAVE THE SEWER JOINTS PLACED EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS.



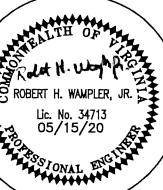


**ENGINEERING CONCEPTS, INC.**  
94 GREENFIELD STREET  
DALEVILLE, VIRGINIA 24083  
540.473.1253

No.	Description	Date
1	WVA COMMENTS	04/20/20
2	OWNER REQUESTED CHANGE	05/15/20

**GENERAL NOTES & DETAILS**  
**BANK OF FINCASTLE**

ATM UPGRADES  
DALEVILLE, VIRGINIA



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GRAPHIC SCALE

PROJECT: 20016

**C02**