









# LEGEND

	PROPERTY LINE
	LIMITS OF DISTURBANCE 6.20 ACRES
	PROPOSED WATER LINE
	PROPOSED GATE VALVE
	PROPOSED STORM PIPE
	PROPOSED STORM DRAIN
	EXISTING STORM PIPE
	EXISTING STORM MANHOLE

# GENERAL UTILITY NOTES

1. EXISTING UNDERGROUND UTILITY INFORMATION PER SURVEY.
2. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES AND/OR CONFLICTS WITH EXISTING OR PROPOSED UTILITIES.
3. ALL UTILITY CONNECTIONS END AT & OUTSIDE THE BUILDING FOOTPRINT. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING PLANS FOR BUILDING FOOTPRINT AND INTERNAL UTILITY SERVICES.
4. CONTRACTOR SHALL COORDINATE ALL NEW AND RELOCATED UTILITY SERVICES WITH THE APPROPRIATE LOCAL UTILITY COMPANY.
5. ALL PIPE LENGTHS SPECIFIED IN THESE PLANS ARE THE HORIZONTAL DISTANCE AND ARE SHOWN FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE ACTUAL LENGTHS BASED ON PROPOSED PIPE SLOPE.
6. PIPE LENGTHS IN PANS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.
7. ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
8. ALL PROPOSED WATER LINES TO BE CONSTRUCTED WITH DUCTILE IRON PIPE PER AWWA C900-05.
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 4' COVER ON ALL WATER LINES.
10. IN THE EVENT OF A VERTICAL CONTACT BETWEEN WATERLINES, SANITARY LINES, STORM LINES AND GAS LINES, EXISTING AND PROPOSED, THE SANITARY LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST TO REST ON BOTH SIDES OF CROSSING. THE WATERLINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE THRUST BLOCKING AS REQUIRED TO PROVIDE A MINIMUM OF 1' CLEARANCE. MEETING REQUIREMENTS OF ANSI/A12.1 TO OR ANSI 21.11 (AWWA C900) (CLASS 50).
11. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED, AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR ENGAGEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
13. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
14. REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
15. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE HANCOCK COUNTY UTILITY DEPARTMENT. WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
16. ALL CONSTRUCTION TO CONFORM TO APPLICABLE WESTERN VIRGINIA REGIONAL WATER AUTHORITY WATER SYSTEM SPECIFICATIONS AND IN ACCORDANCE WITH CITY OF ROANOKE ORDINANCES.
17. THE CONTRACTOR SHALL VERIFY ALL WATERLINE SIZES PRIOR TO PURCHASE AND INSTALLATION.
18. NOTIFY THE CITY OF ROANOKE AND WESTERN VIRGINIA WATER AUTHORITY FOR ALL WATER AND SEWER LINE WORK PRIOR TO CONSTRUCTION.
19. SEE UTILITY DETAIL SHEET C-860 FOR ADDITIONAL UTILITY DETAILS.

## WESTERN VIRGINIA WATER AUTHORITY NOTES

1. ANY EXISTING APPURTENANCES SHALL BE ADJUSTED TO GRADE AND NEW FRAME AND COVERS INSTALLED WHERE REQUIRED.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL EXISTING UTILITIES LOCATED AND MARKED BEFORE ANY FIELD LOCATIONS. PLAN REVIEW DOES NOT REMOVE THE CONTRACTOR'S RESPONSIBILITY TO RELOCATE ANY EXISTING CONFLICTS FOUND DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 1' CLEARANCE VERTICALLY AND 2' MINIMUM HORIZONTALLY FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER AND SANITARY SEWER CROSSINGS OF ANY OTHER UTILITIES. WARNINGS THIS CANNOT BE ACHIEVED ADDITIONAL MEASURES IN ACCORDANCE WITH ANY STANDARDS SHALL BE ENFORCED.
4. ALL WATER CONNECTIONS TO EXISTING LINES SHALL BE COORDINATED WITH AND PERFORMED BY WESTERN VIRGINIA WATER AUTHORITY.
5. ALL SANITARY SEWER CONNECTIONS TO EXISTING LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY.
6. ALL WATER AND SANITARY SEWER FACILITIES ARE TO BE INSTALLED ACCORDING TO THE WESTERN VIRGINIA WATER AUTHORITY DESIGN AND CONSTRUCTION STANDARDS.

MISS UTILITY OF VIRGINIA



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SHEET NUMBER <b>C-500</b>	<b>PARKING EXPANSION</b> PREPARED FOR <b>AVERITT EXPRESS</b>	<b>UTILITY PLAN</b>	KHA PROJECT 110503000		1	CITY COMMENTS	5/29/17	AB
			DATE 04/20/2017	SCALE AS SHOWN				
CITY OF ROANOKE	VIA		DESIGNED BY AB	DRAWN BY CAH	No.	REVISIONS	DATE	BY
			CHECKED BY AB					