

1. VAULT SHALL BE EQUIPPED WITH BACKFLOW PREVENTOR, METER, AND ASSOCIATED APPURTENANCES.
2. 1,000 GALLON UNDERGROUND DOUBLE-WALLED FIBERGLASS FUEL STORAGE TANK.
3. A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED LINES.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING ALL WATER VALVE VAULTS AND SANITARY SEWER MANHOLES AFTER PAVING. MANHOLE AND VAULT TOPS SHALL BE ADJUSTED TO FINAL GRADE IF NECESSARY.
5. ALL EXISTING UTILITIES MAY OR MAY NOT BE SHOWN IN THE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH THE PROJECT SPECIFICATIONS AND THE STATE WATER WORKS REGULATIONS WHERE LINES CROSS.
6. CONTRACTOR SHALL BE RESPONSIBLE TO IMMEDIATELY REPAIR ANY UTILITIES DAMAGED DURING CONSTRUCTION AND TO NOTIFY THE OWNER'S REPRESENTATIVE AND ANY APPROPRIATE UTILITY COMPANIES OF THE DAMAGE.
7. LENGTHS OF LINES INDICATED ON THE DRAWINGS FOR UTILITY SYSTEMS ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR DETERMINING THE EXACT AMOUNT OF PIPING REQUIRED TO FULFILL THE PROJECT'S WORKING SYSTEM IN ACCORDANCE WITH THE INTENT OF THE DRAWINGS.
8. TOP OF INLETS SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY EXACT ELEVATION REQUIRED TO ASSURE STRUCTURE HEIGHT COMPLIES WITH THE PURPOSE OF THE STRUCTURE AND CONFORMS WITH ADJACENT FINISHED GRADES.
9. ALL TRENCHES IN EXISTING OR FUTURE HIGHWAY RIGHT-OF-WAYS SHALL BE COMPACTED ACCORDING TO VDOT STANDARDS.
10. LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.
11. WATER MAIN SHALL BE MINIMUM CLASS 52 DUCTILE IRON IN ACCORDANCE TO AWWA C151 OR 14-INCH 154-PVC IN ACCORDANCE WITH AWWA C-900. SEE SPECIFICATIONS.
12. SANITARY SEWER HOUSE CONNECTIONS ARE TO BE MADE WITH 4" PIPE INSTALLED AT A MINIMUM GRADE OF 1/4" INCH TO 1 FOOT IN R/W. SEE SPECIFICATIONS.
13. SANITARY SEWER LATERALS FROM MANHOLES SHALL BE PVC OR DUCTILE IRON OF SUFFICIENT LENGTH TO PROVIDE TWO (2) FEET OF BEARING ON NATURAL GROUND. THE TRANSITION FROM DUCTILE IRON TO ASBESTOS CEMENT OR CONCRETE PIPE SHALL BE MADE WITH AN ADAPTER COUPLING IN R/W. SEE SPECIFICATIONS.
14. CONTRACTORS SHALL NOTIFY UTILITY COMPANIES OF PROPOSED CONSTRUCTION AT LEAST TWO (2) DAYS BEFORE THE START (10) WORKING DAYS IN ADVANCE. AREA PUBLIC UTILITIES MAY BE NOTIFIED THROUGH "MISS UTILITY": 1-800-xxx-xxxx.
15. THE CONTRACTOR SHALL SUPPLY ALL UTILITY COMPANIES WITH COPIES OF APPROVED PLANS, ADVISING THEM THAT ALL GRADING AND INSTALLATION SHALL CONFORM TO APPROVED PLANS.
16. THE WATER CONNECTION AND WATER TAPS WILL BE DONE BY THE CITY OF SALEM. TAPPING SLEEVES AND VALVES SHALL BE PROVIDED TO THE CONTRACTOR BY THE CITY OF SALEM. CONTRACTOR SHALL BE INSTALLED BY THE CITY OF SALEM. A CONNECTION FEE WILL BE CHARGED WHICH WILL INCLUDE THE PUBLIC SERVICE LINE FROM MAIN TO METER, METER VALVE AND WALT METER. CONTACT THE CITY OF SALEM UTILITY DEPARTMENT TO COORDINATE PAYMENT OF WATER FEES. WATER FEES SHOULD BE PAID APPROXIMATELY EIGHT WEEKS PRIOR TO THE DATE OF WHICH WATER IS NEEDED.
17. CONTRACTOR SHALL ADHERE TO THE WESTERN VIRGINIA WATER AUTHORITY REGULATIONS AND CONSTRUCTION GUIDELINES AND REGULATIONS.
18. AVAILABILITY NUMBER: TO BE PROVIDED WHEN AVAILABLE.

HYDRANT 1: LOCATED DIRECTLY IN FRONT OF PROJECT SITE (3775 WEST MAIN STREET); FLOW=1,250 GPM; ELEV=0

HYDRANT 2: LOCATED IN FRONT OF JAMES RIVER EQUIPMENT (3902 WEST MAIN STREET); STATIC=75 PSI; RESIDUAL=65 PSI; ELEV=20'

—S—	—S—	SANITARY LINE
—SD—	—SD—	STORM LINE
—W—	—W—	WATER LINE
—G—	—G—	GAS LINE
—T—	—T—	TELEPHONE LINE
—E—	—E—	ELECTRIC LINE
—DW—	—DW—	DOMESTIC WATER LINE
—FW—	—FW—	FIRE WATER LINE
—FO—	—FO—	FUEL OIL
—FOS—	—FOS—	FUEL OIL SUPPLY
SMH ●	SMH ○	MANHOLE
● CO	○ CO	CLEANOUT
DI ■	DI □	CURB/GRATE/DROP INLET
■	□	ENDWALL/HEADWALL
⌈—————⌋	⌈—————⌋	CULVERT
□—SD	□—SD	FLARED END SECTION
INV —+	INV —+	CULVERT INVERT
⊙ W	⊙ W	WATER METER
⊙ G	⊙ G	GAS METER
⊙ HW	⊙ HW	FIRE HYDRANT
⊙ GV	⊙ GV	WATER VALVE
⊙ PIV	⊙ PIV	GAS VALVE
★	★	POST INDICATOR VALVE
☆	☆	POLE
○	○	UTILITY POLE
•	•	GUY

PROJECT CODE:
156-17130-062

VIRGINIA STATE POLICE
DIVISION 6
HEADQUARTERS

ALEM, VIRGINIA

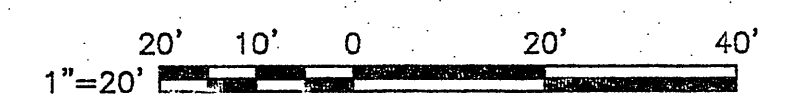
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REV	DATE	DESCRIPTION	APP
COMM NO: 25010H			
ISSUE DATE: MARCH 28, 2006			
DESIGNED BY: TJG		DRAWN BY: TJG	
CHECKED BY: MLC		SUBMITTED BY: BGM	

VIL

UTILITY PLAN

C103



GRAPHIC SCALES

As-Built 3.26.08 K. Winslow

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