



- NOTES:
1. WATER MAIN TO BE ABANDONED SHALL BE EITHER REMOVED OR LEFT IN PLACE AND FILLED WITH GROUT.
  2. SANITARY SEWERS TO BE ABANDONED SHALL BE FILLED WITH GROUT.
  3. SANITARY MANHOLES TO BE REMOVED SHALL BE REMOVED AND PROPERLY DISPOSED OF. ANY EXCAVATION SHALL BE BACK FILLED AND RESTORED.
  4. REROUTE EXIST. DRAIN LINES TO WEST TO EXIST. MH THAT IS TO REMAIN IN SERVICE. CONNECTION TO EXIST. LINES SHALL BE MADE AT A LOCATION WHERE SUFFICIENT SLOPE CAN BE MAINTAINED IN THE REROUTED DRAIN LINES.

5. WHERE PROPOSED WATER MAINS CROSS EXISTING OR PROPOSED SANITARY SEWER LINES OR STORM SEWER LINES, THE WATER MAIN SHALL BE LAID TO PROVIDE A VERTICAL CLEARANCE OF AT LEAST 18 INCHES BETWEEN THE BOTTOM OF THE UPPER PIPE AND TOP OF THE LOWER PIPE. THE WATER MAIN SHALL BE INSTALLED AS THE UPPER PIPE IN ALL CASES WHERE PRACTICAL. WHEN 18 INCHES OF VERTICAL CLEARANCE CANNOT BE MAINTAINED, SUFFICIENT LENGTH OF DIP OR PVC PIPE ENCASED IN CONCRETE SHALL BE USED TO PROVIDE A CLEARANCE OF AT LEAST 10 FEET BETWEEN ANY JOINT IN THE WATER MAIN AND ANY JOINT IN THE SEWER PIPES.
6. A HORIZONTAL SEPARATION OF AT LEAST 10 FEET SHALL BE MAINTAINED BETWEEN THE PROPOSED WATER MAINS AND ANY EXISTING OR PROPOSED SANITARY OR STORM SEWER. WHEN THIS SEPARATION CANNOT BE MAINTAINED THE PROPOSED WATER MAIN SHALL BE DUCTILE IRON OR BE PVC PIPE ENCASED IN CONCRETE.
7. CONTRACTOR IS TO LOCATE, EXCAVATE, AND EXPOSE EXISTING SANITARY LINES FROM GREASE TRAP AND DUMPSITE AND VERIFY EXISTING PIPE SIZE, TYPE, AND ELEVATION. THE SPECIFIC ALIGNMENT OF THE NEW LINE(S) SHOULD BE FIELD LOCATED BASED ON THE MOST DIRECT ALIGNMENT, WITH THE LEAST AMOUNT OF CONFLICTS, TO THE MANHOLE. (CONTRACTOR SHOULD CONSIDER CONNECTING BOTH EXISTING LINES INTO ONE LINE AND EXTENDING A SINGLE LINE TO THE MANHOLE, PROVIDED APPLICABLE CODES ALLOW SUCH COMMON LINES.) THE NEW LINE(S) SHOULD BE INSTALLED AT A GRADE, WHICH IS GREATER THAN OR EQUAL TO THE MINIMUM GRADES ALLOWED BY APPLICABLE CODES FOR THESE TYPES OF LINES. THE CONTRACTOR SHOULD CONNECT TO THE EXISTING LINES AT A POINT, WHICH WILL MAINTAIN SUFFICIENT GRADE IN THE LINE(S) TO BE MAINTAINED TO THE MANHOLE.

DETAIL "A"

LEGEND

- 1 SANITARY SEWER TO BE ABANDONED
- 2 SANITARY SEWER MH TO BE REMOVED
- 3 SANITARY SEWER OR MH TO REMAIN IN SERVICE
- 4 EXIST. WATER MAIN TO BE ABANDONED
- 5 EXIST WATER MAIN TO REMAIN IN SERVICE

<p>ADD NOTE 7 AND SEWER LATERALS</p> <p>ADD NOTES 5 &amp; 6 PER FDEP COMMENTS</p> <p>Revisions</p>	<p>4/14/98</p> <p>3/27/98</p> <p>Date</p>	<p>VOA PROJECT NO.</p> <p>3394A</p>	<p><b>VOA</b></p> <p>VOA ASSOCIATES, INC.</p> <p>ARCHITECTURE   PLANNING   INTERIOR DESIGN</p> <p>200 SOUTH ORANGE AVENUE STE 1300 ORLANDO, FLORIDA 32801-3438</p> <p>(407) 425-2500 FAX (407) 648-4275</p>	<p>SEAL AREA</p>	<p>Approved:</p> <p>Chief, Tech. Support</p> <p>M &amp; D General Foreman</p> <p>Industrial Hygienist</p> <p>Chief, Using Service</p>	<p>Drawing Title</p> <p>SITE UTILITY PLAN</p> <p>Approved: Division Chief</p> <p>Approved: Service Director</p>	<p>Project Title</p> <p>120 Bed Nursing Home Care Unit</p> <p>Building Number</p> <p>Checked</p> <p>Drawn</p> <p>Location</p> <p>VAMC, Orlando, Florida</p>	<p>Date</p> <p>Project No.</p> <p>673-DU2403-2</p> <p>DRAWING NO.</p> <p>C204</p> <p>Dwg. Of</p>	<p>Office of Facilities</p> <p>Department of Veterans Affairs</p>
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