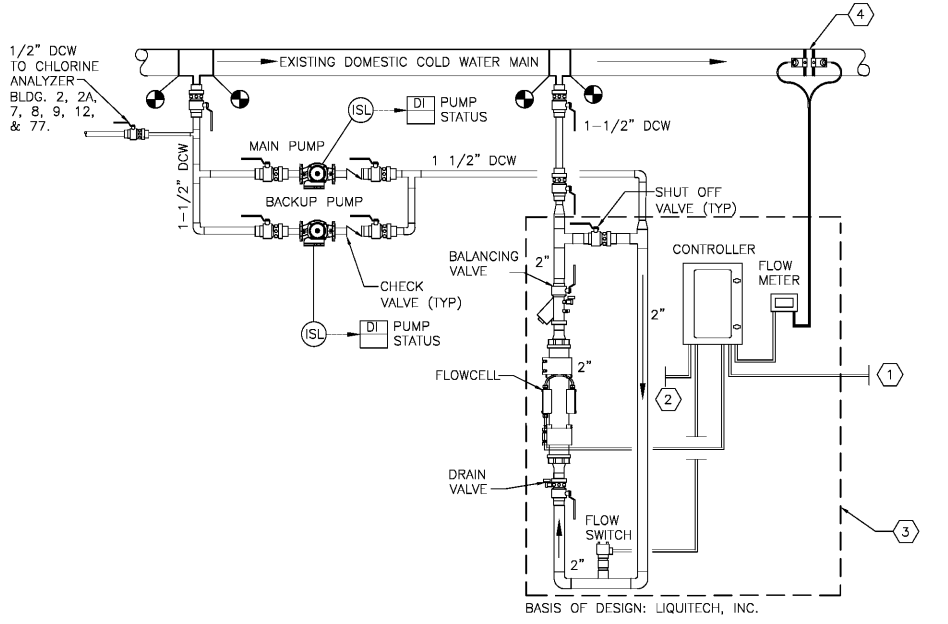
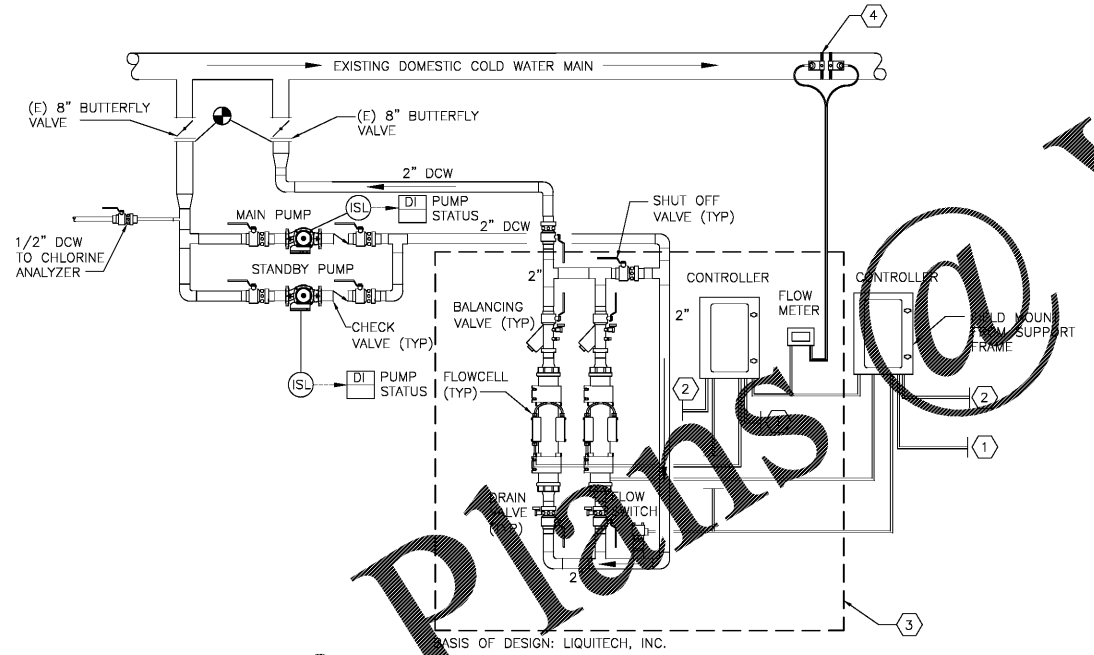


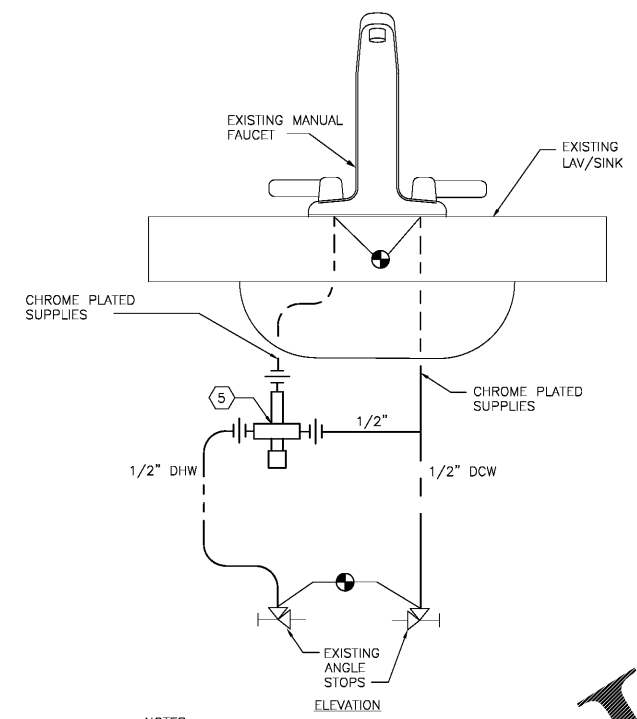
three inches = one foot  
 one and one-half inches = one foot  
 one inch = one foot  
 three-quarters inch = one foot  
 one-half inch = one foot  
 three-eighths inch = one foot  
 one-quarter inch = one foot  
 one-eighth inch = one foot  
 one-sixteenth inch = one foot



**A COPPER/SILVER IONIZATION SYSTEM DIAGRAM - BLDGS 2, 2A, 7, 9, 12, 77 AND 170**  
 NO SCALE

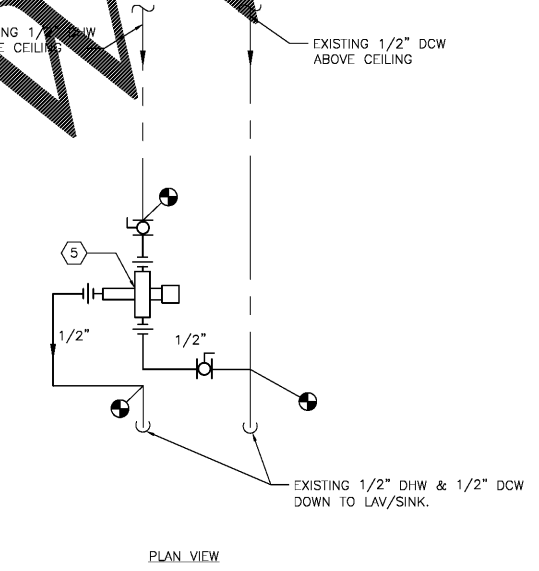


**COPPER/SILVER IONIZATION SYSTEM DIAGRAM - BLDG 143**  
 NO SCALE



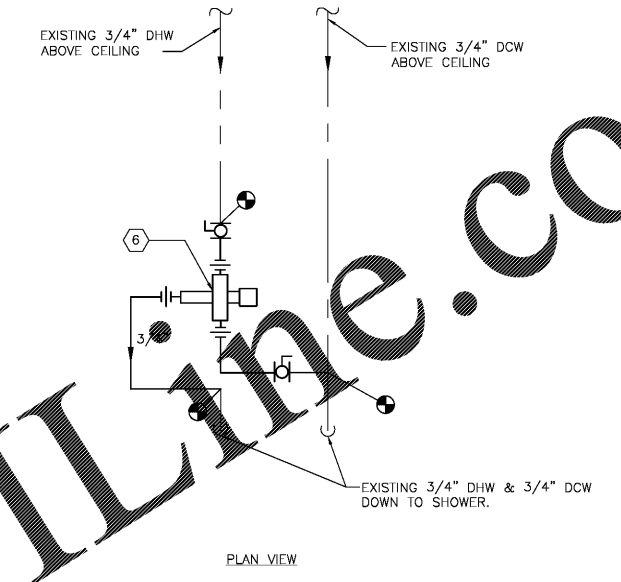
NOTES:  
 1. REMOVE EXISTING SUPPLIES.  
 2. INSULATE DHW SUPPLY TO MIXING VALVE AND MIXING VALVE.

**C LAV/SINK EXPOSED MIXING VALVE DETAIL**  
 NO SCALE



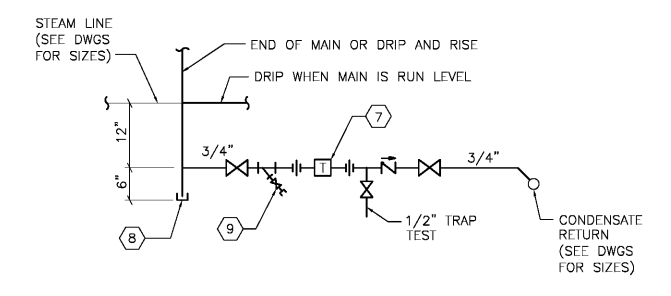
NOTES:  
 1. REMOVE EXISTING PIPING TO ALLOW INSTALLATION OF MIXING VALVE.  
 2. INSULATE NEW PIPING AND MIXING VALVE. REPAIR EXISTING INSULATION.

**D LAV/SINK CONCEALED MIXING VALVE DETAIL**  
 NO SCALE



NOTES:  
 1. REMOVE EXISTING PIPING TO ALLOW INSTALLATION OF MIXING VALVE.  
 2. INSULATE NEW PIPING AND MIXING VALVE. REPAIR EXISTING INSULATION.

**E SHOWER CONCEALED MIXING VALVE DETAIL**  
 NO SCALE



**F END OF MAIN STEAM TRAP DETAIL**  
 NO SCALE

- KEY NOTES:**
- 1 CAT 5E/6 HARDWIRED LAN TO DDC SYSTEM
  - 2 120 VAC POWER INPUT
  - 3 FACTORY PIPED AND RACK MOUNTED UNIT
  - 4 MOUNT TRANSDUCERS ON EXISTING DOMESTIC COLD WATER MAIN. PROVIDE STRAIGHT UPSTREAM AND DOWNSTREAM PIPE RUNS AS RECOMMENDED BY MANUFACTURER.
  - 5 ASSE 1070 THERMOSTATIC MIXING VALVE SET AT 110 DEGREES FAHRENHEIT.
  - 6 ASSE 1069 THERMOSTATIC MIXING VALVE SET AT 110 DEGREES FAHRENHEIT.
  - 7 3/4" FLOAT & THERMOSTATIC STEAM TRAP, 200 LBS/HR @ 1 PSI DIFFERENTIAL PRESSURE 30 PSIG MAX OPERATING PRESSURE
  - 8 DIRT POCKET (FULL SIZE OF STEAM LINE) WITH CAP
  - 9 STRAINER WITH BLOWDOWN VALVE AND HOSE CONNECTION

Order Plans @

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">Revisions</th> <th style="width: 10%;">Date</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	Revisions	Date							<p>Atrix, pllc        102 3rd Avenue, NE        PO Box 1628,        Hickory, NC 28603        Phone: 828.315.9962        Fax: 828.315.9964        www.atrigrp.com</p>	<p>WileyWilson        127 Nantowite Drive        Lynchburg, VA 24502        Phone: 434.947.1901        www.wileywilson.com</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Approved: Energy Engineer</td> <td style="width: 50%;">Approved: Safety Manager</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td style="text-align: center;"><b>CONSTRUCTION DOCUMENTS</b></td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	Approved: Energy Engineer	Approved: Safety Manager			<b>CONSTRUCTION DOCUMENTS</b>						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Approved: Service Chief</td> <td style="width: 50%;">Approved: Chief of Staff</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	Approved: Service Chief	Approved: Chief of Staff							<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Approved: Chief of Facility Management Svcs.</td> <td style="width: 50%;">Approved: Medical Center Director</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	Approved: Chief of Facility Management Svcs.	Approved: Medical Center Director					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">           Drawing Title  <b>PL-501            DETAILS AND DIAGRAMS</b> </td> <td style="width: 50%;">           Project Title  <b>RENOVATE FOR WATER QUALITY</b> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	Drawing Title <b>PL-501            DETAILS AND DIAGRAMS</b>	Project Title <b>RENOVATE FOR WATER QUALITY</b>							<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">           Date            04/28/2017         </td> <td style="width: 50%;">           Project No.            658-15-101         </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	Date 04/28/2017	Project No. 658-15-101						
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