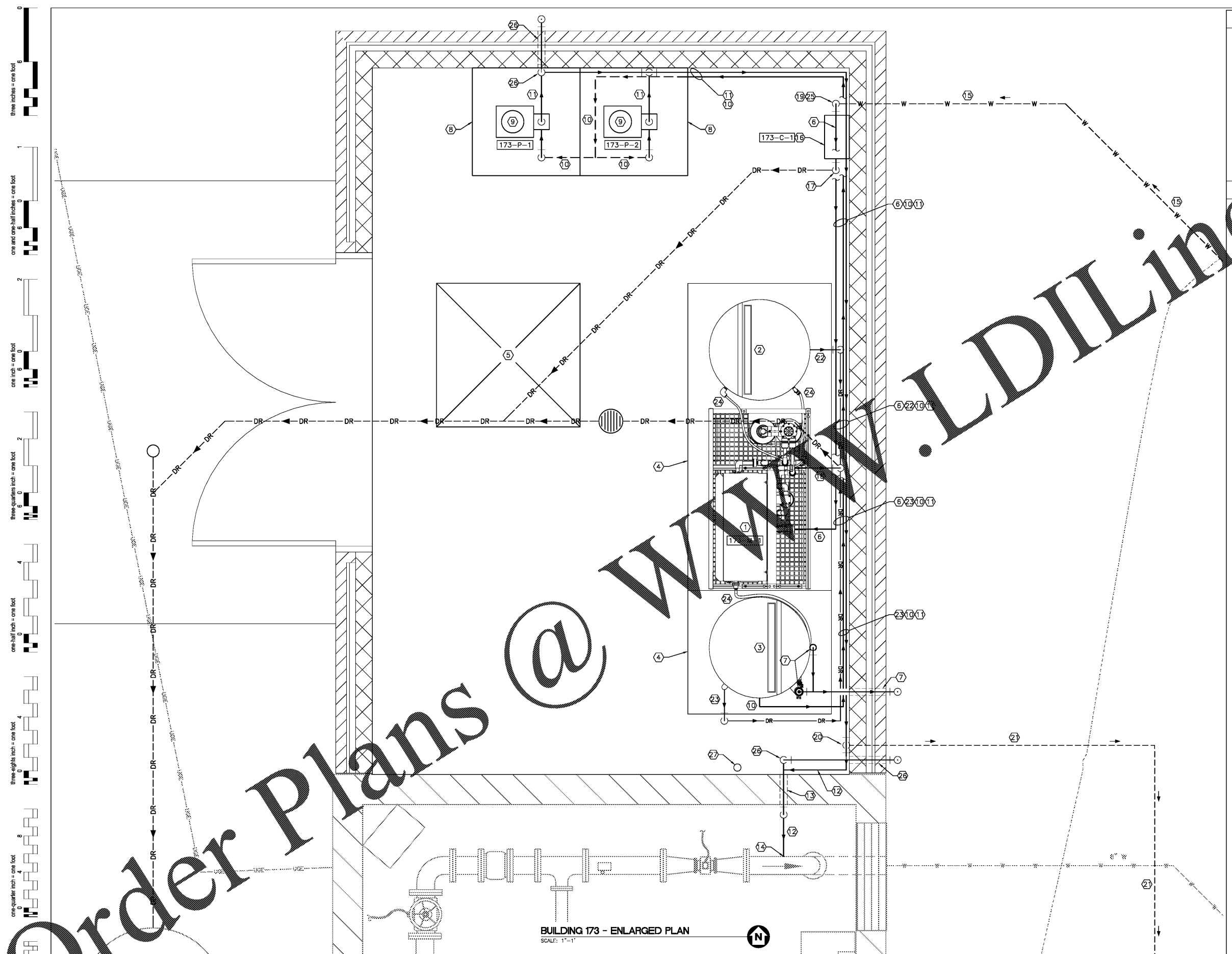


GENERAL SHEET NOTES

1. REFER TO DIVISION 33 SPECIFICATIONS FOR PIPE WORK, INSTRUMENTS AND VALVES REFERENCED ON THIS DRAWING.
2. PROVIDE CHEMICAL FEED PIPING AND EQUIPMENT TO INCLUDE PUMPS, VALVES, APPURTENANCES, PIPING AND SUPPORTS TO ACHIEVE THE FUNCTIONALITY DEPICTED ON THE RELEVANT P&ID DIAGRAM FOR EACH CHEMICAL SYSTEM. INSTALL PUMPS, VALVES, APPURTENANCES, PIPING AND SUPPORTS TO MAXIMIZE EASE OF ACCESS. PUMPS, VALVES AND APPURTENANCES AND ALLOW THEIR REMOVAL FOR MAINTENANCE. PROVIDE CLEAR SPACE IN FRONT OF PUMPS TO ALLOW CHANGING PUMP DRUMS. MAXIMIZE FITTINGS AND BENDS TO THE EXTENT PRACTICABLE. INSTALL PORTIONS OF THE CHEMICAL FEED SYSTEM INDICATED ON THE RELEVANT P&ID DIAGRAM ON CONCRETE EQUIPMENT PADS. MOUNT PUMP CONTROL PANEL ON UNBARRICAD 42" AFF AND CONNECT TO POWER AND CONTROL WIRING AND CONDUIT PER MANUFACTURER'S RECOMMENDATION.

KEYNOTES

1. SITE MIXED OXIDANT GENERATION SYSTEM.
2. BRINE TANK AND MIXED OXIDANT SOLUTION TANK.
3. HOUSEKEEPING PAD, MIXED OXIDANT GENERATOR AND BRINE TANK PAD SHALL BE 4" AFF. MIXED OXIDANT SOLUTION TANK PAD SHALL BE 18" AFF. SEE DETAIL 2, DRAWING CI-501.
4. SALT STORAGE PALLET.
5. 3/4" SCH 80 CPVC SOLUTION MAKE-UP WATER LINE.
6. 2" SCH 80 CPVC HYDROGEN VENT LINES. CORE DRILL AND GROUT PENETRATION SEAL FOR HYDROGEN VENT LINE. PROVIDE 316 SST MESH INSECT SCREEN.
7. CHEMICAL METERING PUMP SKID ON 4" HOUSEKEEPING PAD. MOUNT SKID SO PUMP DISCHARGE IS AT 20" AFF OR LESS. SEE DETAIL 2, DRAWING CI-501.
8. MIXED OXIDANT CHEMICAL FEED PUMP. REFER TO GENERAL SHEET NOTE 2.
9. 1/2" SCH 80 CPVC MIXED OXIDANT CHEMICAL FEED PUMP SUPPLY. FIELD ROUTE PIPING ALONG FLOOR.
10. 1/2" SCH 80 CPVC MIXED OXIDANT ADDITION LINE. FIELD ROUTE PIPING ALONG WALL.
11. 1/2" SCH 80 CPVC PRIMARY MIXED OXIDANT ADDITION LINE.
12. CORE DRILL AND GROUT PENETRATION SEAL FOR PRIMARY MIXED OXIDANT ADDITION LINE.
13. 1/2" SADDLE TAP WITH CORPORATION STOP. PRIMARY MIXED OXIDANT ADDITION POINT.
14. 1" COPPER TYPE "K" POTABLE WATER.
15. CHLORINE ANALYZER, SAMPLE PRESSURE REGULATOR AND TRANSMITTER MOUNTED TO WALL 42" AFF.
16. ROUTE 1/2" PTFE TUBING CHLORINE ANALYZER DRAIN LINE TO 2" FLOOR DRAIN.
17. ROUTE MIXED OXIDANT GENERATOR SKID DRAINS TO FLOOR DRAIN.
18. 1"x1" TEE WITH BRANCH CONNECTION FEEDING CHLORINE ANALYZER. PROVIDE 1"x1/4" RED AND 1/4" CPVC BY 1/4" PTFE TUBING COUPLING. ROUTE 1/4" PTFE TUBING THRU SAMPLE PRESSURE REGULATOR TO CHLORINE ANALYZER.
19. 1/2" SCH 80 CPVC TEE DOWN TO SECONDARY MIXED OXIDANT ADDITION LINE.
20. 1/2" SCH 80 CPVC SECONDARY MIXED OXIDANT ADDITION LINE.
21. ROUTE 1" SCH 80 CPVC BRINE TANK DRAIN LINE TO FLOOR DRAIN.
22. ROUTE 1" SCH 80 CPVC MIXED OXIDANT SOLUTION DRAIN LINE TO FLOOR DRAIN.
23. CONTRACTOR SHALL FIELD ROUTE FEED AND DRAIN CONNECTIONS BETWEEN MIXED OXIDANT GENERATOR, BRINE TANK AND MIXED OXIDANT SOLUTION TANK PER MANUFACTURER'S RECOMMENDATIONS.
24. TRANSITION FROM 1" TYPE "K" COPPER TO 1" SCH 80 CPVC 12" AFF.
25. 1" SCH 80 CPVC VENT. CORE DRILL AND GROUT PENETRATION SEAL FOR MIXED OXIDANT ADDITION LINE VENT. PROVIDE 316 SST MESH INSECT SCREEN.
26. HYDROGEN SENSOR (173-H-1).



BUILDING 173 - ENLARGED PLAN
SCALE: 1"=1'

three eighths inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot
 one sixteenth inch = one foot

<p>Revisions</p> <table border="1"> <tr><th>No.</th><th>Date</th></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	No.	Date							<p>Atriox Atriox, plc 102 3rd Avenue, NE PO Box 1629, Hickory, NC 28603 Phone: 828.315.9982 Fax: 828.315.9984 www.atrioxgroup.com</p> <p>WileyWilson WileyWilson 127 Nationwide Drive Lynchburg, VA 24502 Phone: 434.947.1901 www.wileywilson.com</p>	<p>Approved: Energy Engineer</p>	<p>Approved: Safety Manager</p>	<p>Approved: Service Chief</p>	<p>Drawing Title CI-401 CITY OF SALEM PUMP HOUSE MIXED OXIDANT FEED SYSTEM ENLARGED SITE PLAN</p>	<p>Project Title RENOVATE FOR WATER QUALITY</p>	<p>Date 04/28/2017</p>
	No.	Date													
<p>CONSTRUCTION DOCUMENTS</p>	<p>Approved: Infection Control Officer</p>	<p>Approved: Chief of Staff</p>	<p>Approved: Chief of Facility Management Svc.</p>	<p>Building Number 173</p>	<p>Checked MCP</p>	<p>Drawn MCT</p>	<p>Project No. 658-15-101</p>								
<p>Approved: GEMS Coordinator</p>	<p>Approved: Associate Director</p>	<p>Approved: Medical Center Director</p>	<p>Approved: Medical Center Director</p>	<p>Building Number 173</p>	<p>Checked MCP</p>	<p>Drawn MCT</p>	<p>DRAWING SET 2592</p>								
<p>Approved: Energy Engineer</p>			<p>Approved: Safety Manager</p>			<p>Approved: Service Chief</p>									

Veterans Affairs