



**COLOR CODING:**  
ALL EXPOSED PIPING SHOULD BE COLOR CODED IN ACCORDANCE WITH THE FOLLOWING TABLE:

PIPING	COLOR CODE	WASTE LINES	COLOR CODE
POTABLE WATER LINES	DARK BLUE	BACKWASH WASTE	DARK BROWN
FILTERED WATER	AQUA	SEWER (SEWER OR OTHER)	DARK GRAY
SKIMMER OR GUTTER RETURN	OLIVE GREEN	DECK DRAINS	LIGHT BROWN
MAIN DRAIN	BLACK		
ALUM	ORANGE	COMPRESSED AIR	DARK GREEN
CHLORINE (GAS/SOLUTION)	YELLOW	GAS	RED
SODA ASH	WHITE		
ACID	PINK		

**GENERAL NOTES**

1. AN ELECTRICAL INTERLOCK SHALL BE PROVIDED FOR THE CHEMICAL PUMPS, THEY SHALL BE HARD WIRED TO THE RECIRCULATION PUMPS WITH EITHER AN AUDIBLE ALARM OR LIGHT TO INDICATE THAT ANY OF THE PUMPS IS NOT OPERATING. THE INTERLOCK SHALL CONSIST OF A FLOW SWITCH INSTALLED IN THE RETURN LINE PLUMBING, AS INDICATED ON THE PLAN. THE SWITCH SHALL BE WIRED SUCH THAT POWER TO THE CHEMICAL PUMPS AND THE DISINFECTION SYSTEM WARNING LIGHT SHALL BE INTERRUPTED IF THE FLOW SWITCH DETECTS A NO FLOW CONDITION.
2. THE POOL'S ELECTRICAL SYSTEM AND ALL OTHER WIRING SHALL CONFORM TO ARTICLE 680 OF THE NATIONAL ELECTRICAL CODE.
3. ALL LIGHTING AND ELECTRICAL CIRCUITS PROVIDED IN THE POOL AREA AND MECHANICAL ROOM ARE TO BE PROTECTED BY GROUND FAULT CIRCUIT INTERRUPTERS IN ACCORDANCE WITH THE UNIFORM CODE & THE NATIONAL ELECTRIC CODE. ALL ELECTRICAL FIXTURES SHALL BE U.L. APPROVED.
4. THE POOL BUILDER SHALL PROVIDE A POOL OPERATION MANUAL. INCLUDED SHALL BE INSTRUCTIONS FOR EACH FILTER, PUMP, CHEMICAL FEED EQUIPMENT AND GENERAL OPERATION. DRAWINGS, ILLUSTRATIONS AND PARTS LISTS SHALL BE INCLUDED ALONG WITH INSTRUCTIONS FOR THE OPERATION AND MAINTENANCE OF ALL THE EQUIPMENT. THE MANUAL SHALL BE SUBMITTED TO, AND APPROVED BY THE ULSTER COUNTY DEPARTMENT OF HEALTH.
5. POOL WATER MUST BE HELD FOR TEN DAYS PRIOR TO DISCHARGE TO ALLOW THE CHLORINE TO DISSIPATE. WATER BEING DISCHARGED MUST ALSO BE FREE OF ANY OTHER POLLUTANTS INCLUDING, BUT NOT LIMITED TO SLIMICIDES, BIOCIDES, ALGAEICIDES, DETERGENTS AND CLEANERS.
6. ALL HOSE BIBS IN THE POOL AREA ARE TO BE PROVIDED WITH VACUUM BREAKERS.
7. ALL PIPING IS TO BE SCHEDULE 40 RIGID PVC.
8. THE CONTRACTOR SHALL REVIEW ALL MANUFACTURERS RECOMMENDATIONS AND REQUIREMENTS FOR ALL COMPONENTS TO BE INSTALLED. ANY REQUIREMENTS OR RECOMMENDATIONS REQUIRING DEVIATION FROM THE APPROVED PLANS SHALL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER AND/OR THE DEPARTMENT OF HEALTH.
9. ALL FLOW METERS SHALL BE READ AND THE RESULTS RECORDED ON A DAILY BASIS IN THE MONTHLY OPERATIONS REPORT.
10. THE MECHANICAL ROOM IS TO BE PROVIDED WITH A VENTILATION SYSTEM CAPABLE OF PROVIDING 2 AIR CHANGES PER HOUR.
11. THE EQUIPMENT ROOM IS TO BE PROVIDED WITH ARTIFICIAL LIGHTING SUFFICIENT TO CLEARLY ILLUMINATE ALL AREAS OF THE ENCLOSED SPACE.
12. A COMPREHENSIVE SET OF OPERATING INSTRUCTIONS SHALL BE PREPARED, LISTING EACH VALVE BY NUMBER, IN CONJUNCTION WITH A SIMPLE HYDRAULIC DIAGRAM, IDENTIFYING ALL VALVES. INSTRUCTIONS SHALL BE GIVEN FOR FILLING POOL, VACUUMING, DRAINING OF POOL, CHEMICAL TREATMENT, FILTERING, AND HEATER OPERATION. THE INSTRUCTIONS SHALL BE ENCASED IN A CLEAR PLEXIGLASS FRAME AND MOUNTED IN A PROMINENT PLACE IN THE POOL EQUIPMENT ROOM.

**NOTE:**

- THE CONTRACTOR IS TO VERIFY THE DIMENSIONS OF THE MECHANICAL AREA AND THE PROPOSED EQUIPMENT PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL CLEARLY LABEL EACH CHEMICAL CONTAINER IDENTIFYING THE CONTENTS.
- A SIGN REQUIRING THAT ALL CHEMICALS BE STORED IN CONTAINERS CLEARLY LABELED REGARDING THEIR CONTENTS SHALL BE POSTED IN THE MECHANICAL AREA.
- MECHANICAL ROOM PLUMBING IS TO BE PITCHED TO EQUIPMENT DRAIN PLUGS TO AID IN WINTERIZATION.
- ALL ELEVATED PIPES TO BE ADEQUATELY SUPPORTED
- THE MECHANICAL ROOM IS TO BE PROVIDED WITH A VENTILATION SYSTEM CAPABLE OF PROVIDING 20 AIR CHANGES PER HOUR.

FOR HEALTH DEPARTMENT APPROVAL

THIS SHEET IS INCOMPLETE AND INVALID WITHOUT EACH AND EVERY OTHER SHEET LISTED IN THE TITLE BOX UNDER THE HEADING O.C.H.D. SHEET NO. \_ OF \_ .

6/17/19	ORIGINAL PREPARATION DATE
DATE	DESCRIPTION
<b>CENTRAL VALLEY SWIMMING POOL</b>	
TOWNSHIP OF WOODBURY ORANGE COUNTY, NEW YORK	
<b>MECHANICAL ROOM PLAN VIEW</b>	
DRAWING TITLE	
SIGNATURE _____ DATE _____	
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.	
<b>JOHN PETROCCIONE P.E.</b>	
LICENSE NO. 078516 129 NEPTUNE DRIVE, MONROE, NEW YORK 10950 (845) 782-7725	
SCALE	PROJECT
1" = 2'	19148.01
	CAD REFERENCE
	WOODBURY CVP PLAN
OCRD DWG.NO	DWG.NO
5 of 8	5 of 8

**MECHANICAL ROOM PLAN VIEW**

1" = 2'