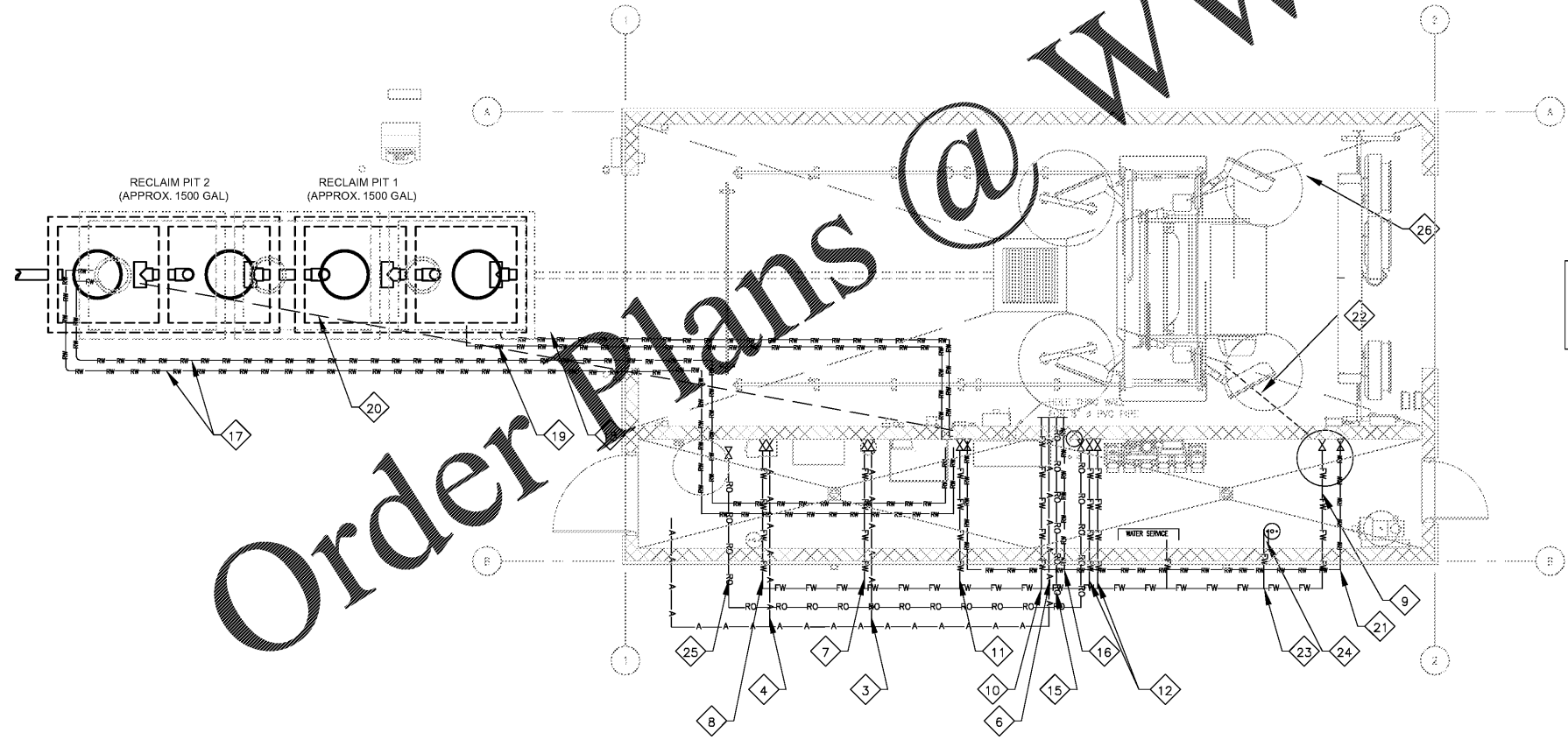


PLUMBING CHART							
REFERENCE NUMBER	SIZE	DESCRIPTION	ORIGIN	TERMINUS	THREADING/ VALVE AT ORIGIN	THREADING/ VALVE AT TERMINUS	NOTES
3	3/8"	AIR TO OFF-BOARD CHEMICAL STATION	COMPRESSED AIR SUPPLY	WALL NEXT TO PUMP BOX	N/A	3/8" FPT SHUT-OFF VALVE	1 SCFM, 80 PSI MIN, 150 PSI MAX
4	3/8"	AIR TO TRIFOAM DETERGENT PUMP BOX	COMPRESSED AIR SUPPLY	WALL NEXT TO PUMP BOX	N/A	3/8" FPT SHUT-OFF VALVE	1 SCFM, 80 PSI MIN, 150 PSI MAX
6	3/8"	AIR TO WASH BAY WALL	COMPRESSED AIR SUPPLY	RIGHT WASH BAY WALL	N/A	3/8" FPT SHUT-OFF VALVE	5 SCFM, 100 PSI MIN, 125 PSI MAX
7	3/4"	FRESH WATER TO OFF-BOARD CHEMICAL STATION	INCOMING FRESH WATER	WALL NEXT TO CHEM STATION	N/A	3/4" FPT SHUT-OFF VALVE	20 GPM @ 40 PSI MIN, 125 PSI MAX
8	3/4"	FRESH WATER TO TRIFOAM DETERGENT PUMP BOX	INCOMING FRESH WATER	WALL NEXT TO PUMP BOX	N/A	3/4" FPT SHUT-OFF VALVE	1.5 GPM @ 40 PSI MIN, 125 PSI MAX
9	3/4"	FRESH WATER TO REJECT/CAPTURE TANK	EQUIPMENT ROOM WALL	NEXT TO 300 GALLON TANK	N/A	3/4" FPT SHUT-OFF VALVE	N/A
10	1" & 3/4"	FRESH WATER TO WASH BAY WALL	INCOMING FRESH WATER	LEFT WASH BAY WALL	N/A	1" FPT SHUT-OFF VALVE	35 GPM @ 40 PSI MIN, 40 GPM @ 150 PSI MAX
11	1"	FRESH WATER TO PURCLEAN RECLAIM SYSTEM	INCOMING FRESH WATER	WALL NEXT TO ULTRACLEAR	N/A	1" FPT SHUT-OFF VALVE	15 GPM @ 40 PSI MIN (4 FT FROM THE FLOOR)
12	(2) 1"	FRESH WATER TO PURCLEAN R.O. SYSTEM	INCOMING FRESH WATER	WALL NEXT TO RAINMAKER	N/A	3/4" FPT SHUT-OFF VALVE	8 GPM @ 30 PSI MIN (1 LINE FOR R.O. SYSTEM, 1 LINE FOR AUTOMATIC BYPASS)

PLUMBING CHART							
REFERENCE NUMBER	SIZE	DESCRIPTION	ORIGIN	TERMINUS	THREADING/ VALVE AT ORIGIN	THREADING/ VALVE AT TERMINUS	NOTES
15	1"	R.O. WATER TO WASH BAY WALL	PURCLEAN R.O. UNIT	EQUIPMENT ROOM WALL	TERMINATE WITH 1" FPT	1" FPT SHUT-OFF VALVE	N/A
16	2"	RECLAIM WATER TO WASH BAY WALL	WALL NEXT TO PURCLEAN R.O.	EQUIPMENT ROOM WALL	TERMINATE WITH 2" FPT	TERMINATE WITH 2" FPT	THIS MAY BE HOSE CONNECTED
17	2"	UNDERGROUND SUCTION LINES TO ULTRACLEAR	WALL NEXT TO ULTRACLEAR	UNDERGROUND PITS	TERMINATE WITH 2" FPT	TERMINATE WITH 2" FPT	40 GPM FLOW
18	1"	UNDERFLOW LINE TO FIRST COMPARTMENT OF TANK 1	INGROUND LINE FROM RECLAIM	UNDERGROUND PITS	TERMINATE WITH 1" FPT	TERMINATE WITH 1" FPT	1" SCHEDULE 80 PVC PIPE TO BE USED
19	1"	AIR SPARGER OR OZONE RECIRCULATION LINE	INGROUND LINE FROM RECLAIM	UNDERGROUND PITS	TERMINATE WITH 1" FPT	TERMINATE WITH 1" FPT	1" SCHEDULE 80 PVC PIPE TO BE USED
20	1"	UNDERGROUND CHASE FOR WIRING TO FLOAT SWITCHES	INGROUND LINE FROM RECLAIM	FLOAT SWITCHES	N/A	N/A	1" PVC PIPE TO BE USED
21	1"	RECLAIM WATER TO UNDERCAR MANIFOLD	WALL NEXT TO ULTRACLEAR	VALVE ASSY/ WALL MOUNTED	TERMINATE WITH 1" FPT	TERMINATE WITH 1" FPT	THIS MAY BE HOSE CONNECTED
22	1"	UNDERGROUND PLUMBING LINE	EQUIPMENT ROOM FLOOR	NEAR UNDERCAR	TERMINATE WITH 1" FPT	TERMINATE WITH 1" FPT	N/A
23	1/2"	EYEWASH SUPPLY LINE	INCOMING FRESH WATER	EQUIPMENT ROOM WALL	N/A	TERMINATE WITH 1/2" NPT	N/A
24	1-1/4"	EYEWASH DRAIN LINE	EQUIPMENT ROOM WALL	EQUIPMENT ROOM FLOOR	N/A	TERMINATE WITH 1-1/4" NPT	N/A
25	1"	R.O. WATER TO WINDOW WASH PUMP	PURCLEAN R.O. UNIT	EQUIPMENT ROOM WALL	TERMINATE WITH 1" FPT	1" FPT SHUT-OFF VALVE	N/A
26	1"	R.O. WATER TO WINDOW RINSE KIT MANIFOLDS	VALVE ASSY/ WALL MOUNTED	WALL MOUNTED WINDOW MANIFOLD	1" HOSE FROM HOSE BARB	1" HOSE TO HOSE BARB	N/A



AIR LINE - - - - -  
 R.O. WATER LINE - RO - RO - RO - RO -  
 FRESH WATER LINE - FW - FW - FW - FW -  
 RECLAIM WATER LINE - R - R - R - R -

REFERENCE CWP1.2 FOR PLUMBING DETAIL

1 WATER AND AIR PLUMBING PLAN  
1/4" = 1'-0"

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SHEET TITLE  
**CAR WASH WATER PLAN**

RELEASE

PROJECT NO. 220035  
DATE 12/17/2020  
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STATE OF FLORIDA  
PROFESSIONAL ENGINEER

CWP1.1