

DRAWINGS

FOR

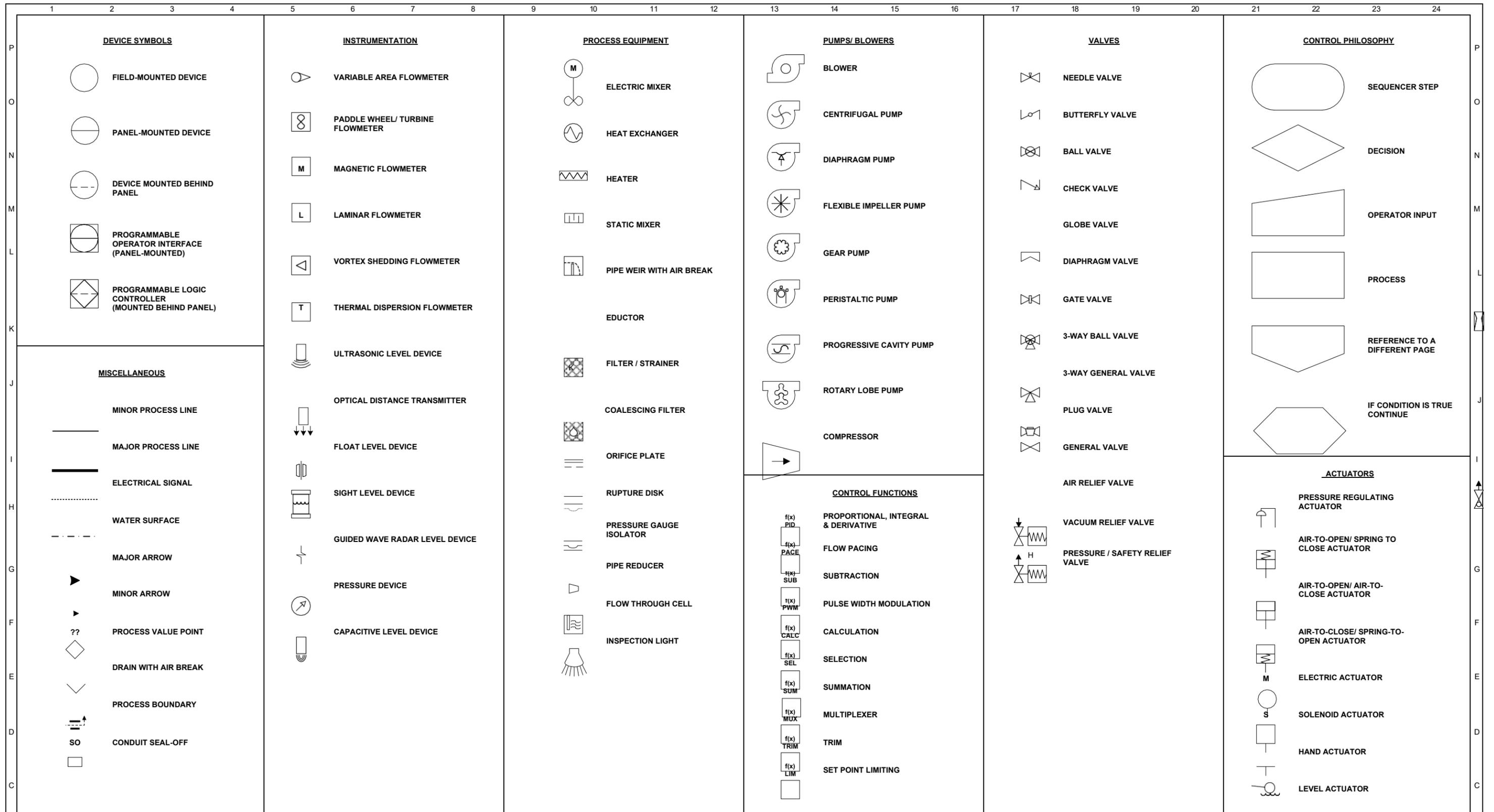
**INTUITECH OZONE MODULE  
Z21-11PC-1GC-2OS-1TM-1DO-0PH-2CF**

FOR

**INSTALLATION**

RELEASE #1

JUNE 29, 2018



REV	DATE	BY	DESCRIPTION
1	05-23-17	CLR	ADD INSPECTION LIGHTSYMBOL
2			
3			

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DIMENSIONAL TOLERANCES ARE AS FOLLOWS, UNLESS OTHERWISE SPECIFIED  
 FRAC: ± 1/16    0.XX: ± 0.01  
 ANGLES: ± 1°    0.XXX: ± 0.005

TITLE: PROCESS & INSTRUMENTATION DIAGRAM	
<b>SYMBOL LEGEND</b>	
CLIENT:	PROJECT:
DRAWN BY:	DRAWN DATE:
DRAWING NAME: 0000-XXRL-01.VSD	
P.O.:	



**ELECTRICAL**

	WIRING PROVIDED BY OTHERS		RESISTOR
	INTERNAL WIRING OR COMPONENTS		VARISTOR
	NON-WIRE JUMPERS		CAPACITOR
	STRANDED COPPER WIRE		HAND-OFF-AUTO SWITCH
	TWISTED PAIR CABLE WITH SHIELD & DRAIN		TWO POSITION SWITCH
	MOLDED CABLE, M12, 4PIN, 22AWG		FLOW SWITCH
	SPECIAL CABLE		LIQUID LEVEL SWITCH
	INTEGRAL CABLE		TEMPERATURE SWITCH
	ETHERNET CABLE		NORMALLY OPEN PUSH-BUTTON
	PANEL BOUNDARY		NORMALLY CLOSED PUSH-BUTTON
	DEVICE AND COMPONENT BOUNDARIES		LINE REACTOR
	VARIABLE FREQUENCY DRIVE		SIGNAL POLE SWITCH
	SEAL-OFF CONNECTOR		PRESSURE SWITCH
	SURGE PROTECTION DEVICE		
	NON-INDUCTIVE LOAD		
	MOTOR		
	TRANSFORMER		
	SHIELD		
	PLUG CONNECTOR		
	INLINE CONNECTOR (SPLICE, WIRE NUT, ETC)		
	GROUND		
	TERMINAL		
	COIL		
	LIGHT WITH COLOR		
	CIRCUIT BREAKER		
	FUSE		
	NORMALLY OPEN CONTACT		
	NORMALLY CLOSED CONTACT		
	OVERLOAD RELAY		

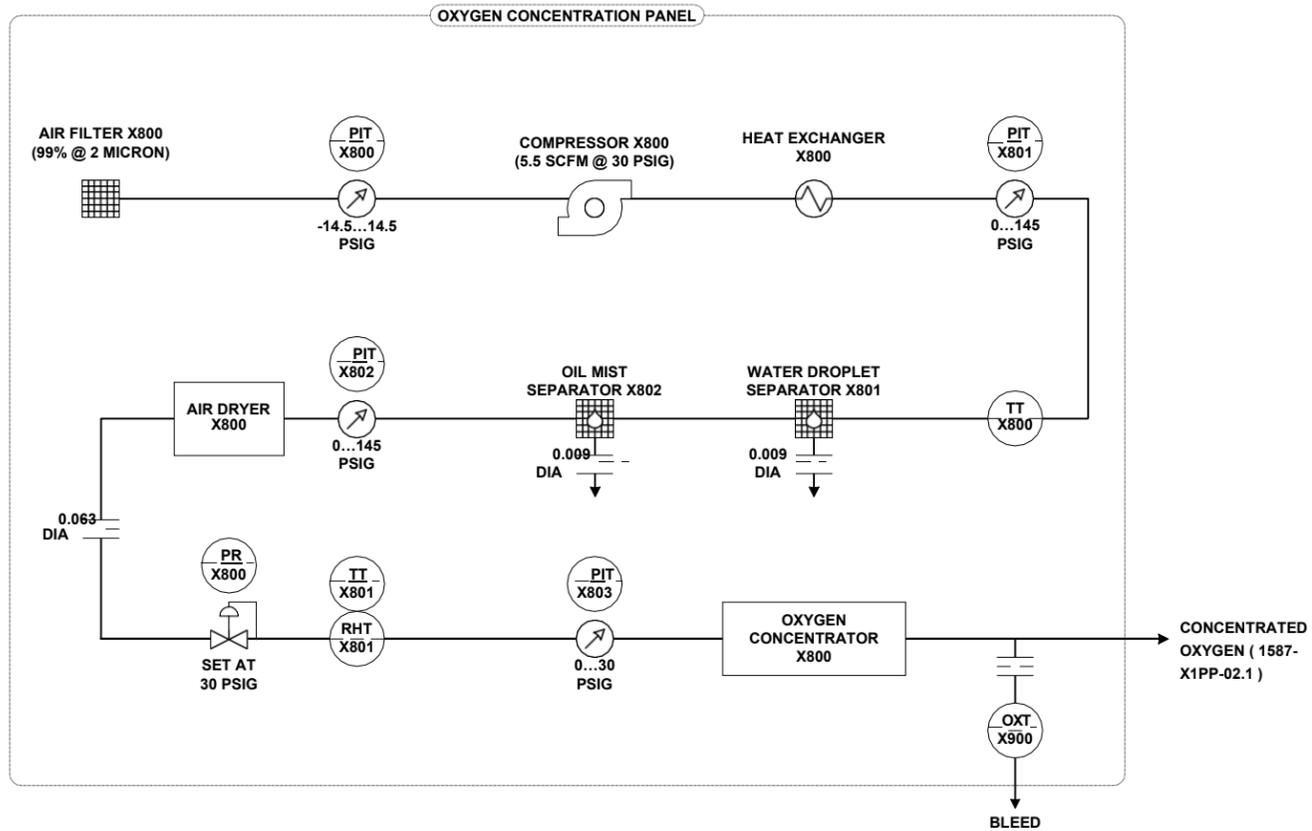
REV	DATE	BY	DESCRIPTION
1			
2			
3			
4	1	2	3 4 5 6 7 8 9 10



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FRAC: ± 1/16	0.XX: ± 0.01
ANGLES: ± 1°	0.XXX: ± 0.005

TITLE: ELECTRICAL SYMBOL LEGEND	
CLIENT:	PROJECT:
DRAWN BY:	DRAWN DATE:
DRAWING NAME: 0000-XXRL-03.VSD	P.O.:



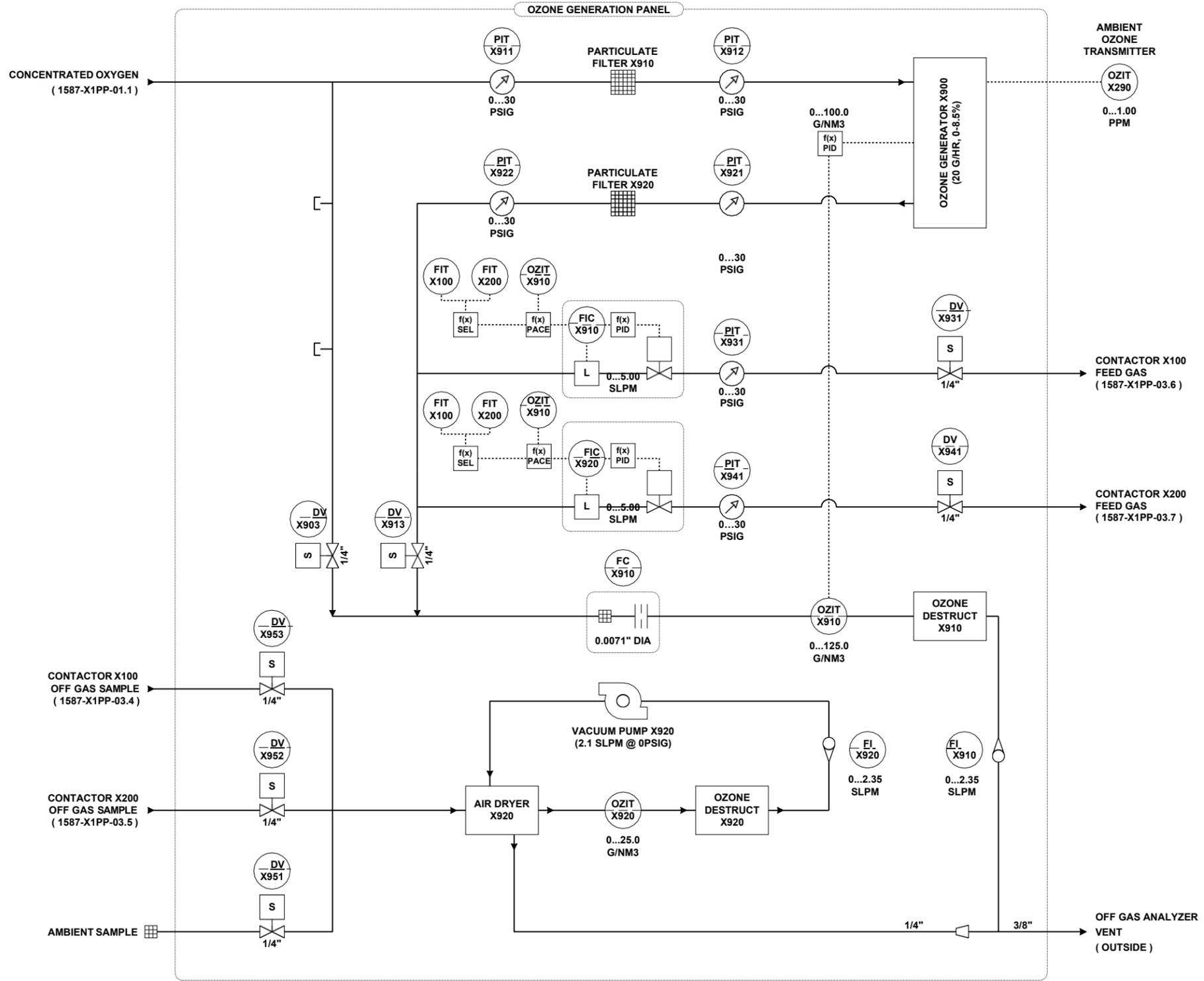
REV	DATE	BY	DESCRIPTION
1	11-01-17	AJB	ADDED ORIFICE DOWNSTREAM OF AIR DRYER X800.
2			
3			
4			



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 FRAC: ± 1/16    0.XX: ± 0.01  
 ANGLES: ± 1°    0.XXX: ± 0.005

TITLE: OZONE MODULE Z21-11PC-1GC-2OS-1TM-1DO-0PH-2CF PROCESS & INSTRUMENTATION DIAGRAM – OXYGEN	
CLIENT: INTUITECH	PROJECT: NEW BUILD
DRAWN BY: AJB	DRAWN DATE: 06/29/18
DRAWING NAME: 1587-X1PP-01.VSD	P.O.:
SCALE: NONE	REVISION: 1



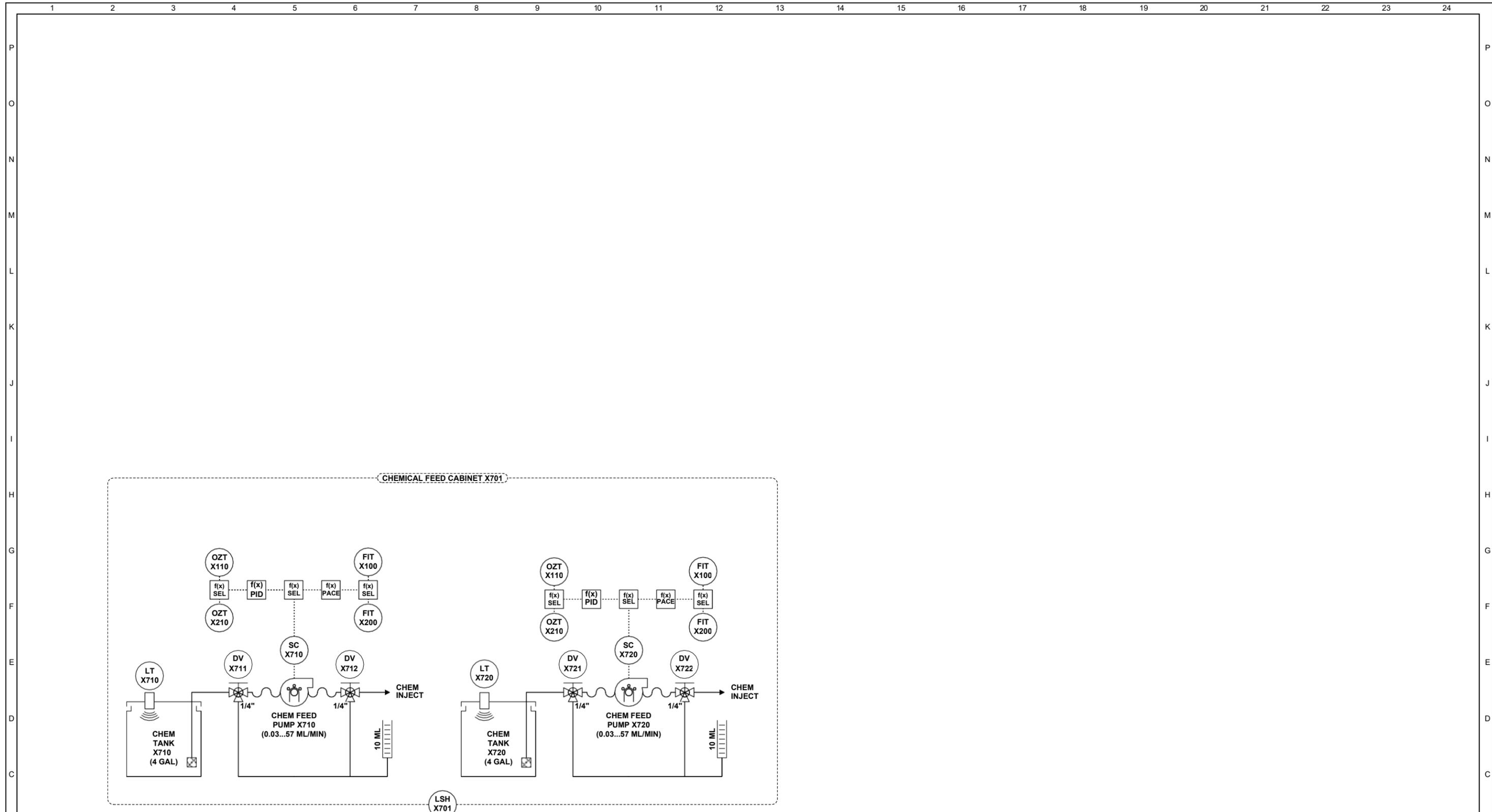
REV	DATE	BY	DESCRIPTION
1	11-02-17	AJB	ADDED PACE CONTROL LOOPS TO FIC-X910 & FIC-X920, FI-X920, DELETED SELECTION BLOCK FOR OZT-X110 & OZT-X210.
2			
3			
4			

  
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 FRAC: ± 1/16    0.XX: ± 0.01  
 ANGLES: ± 1°    0.XXX: ± 0.005

<b>TITLE: OZONE MODULE Z21-11PC-1GC-2OS-1TM-1DO-0PH-2CF PROCESS &amp; INSTRUMENTATION DIAGRAM – OZONE</b>	
CLIENT: INTUITECH	PROJECT: NEW BUILD
DRAWN BY: AJB	DRAWN DATE: 06/29/18
DRAWING NAME: 1587-X1PP-02.VSD	P.O.:
SCALE: NONE	REVISION: 1



REV	DATE	BY	DESCRIPTION
1			
2			
3			



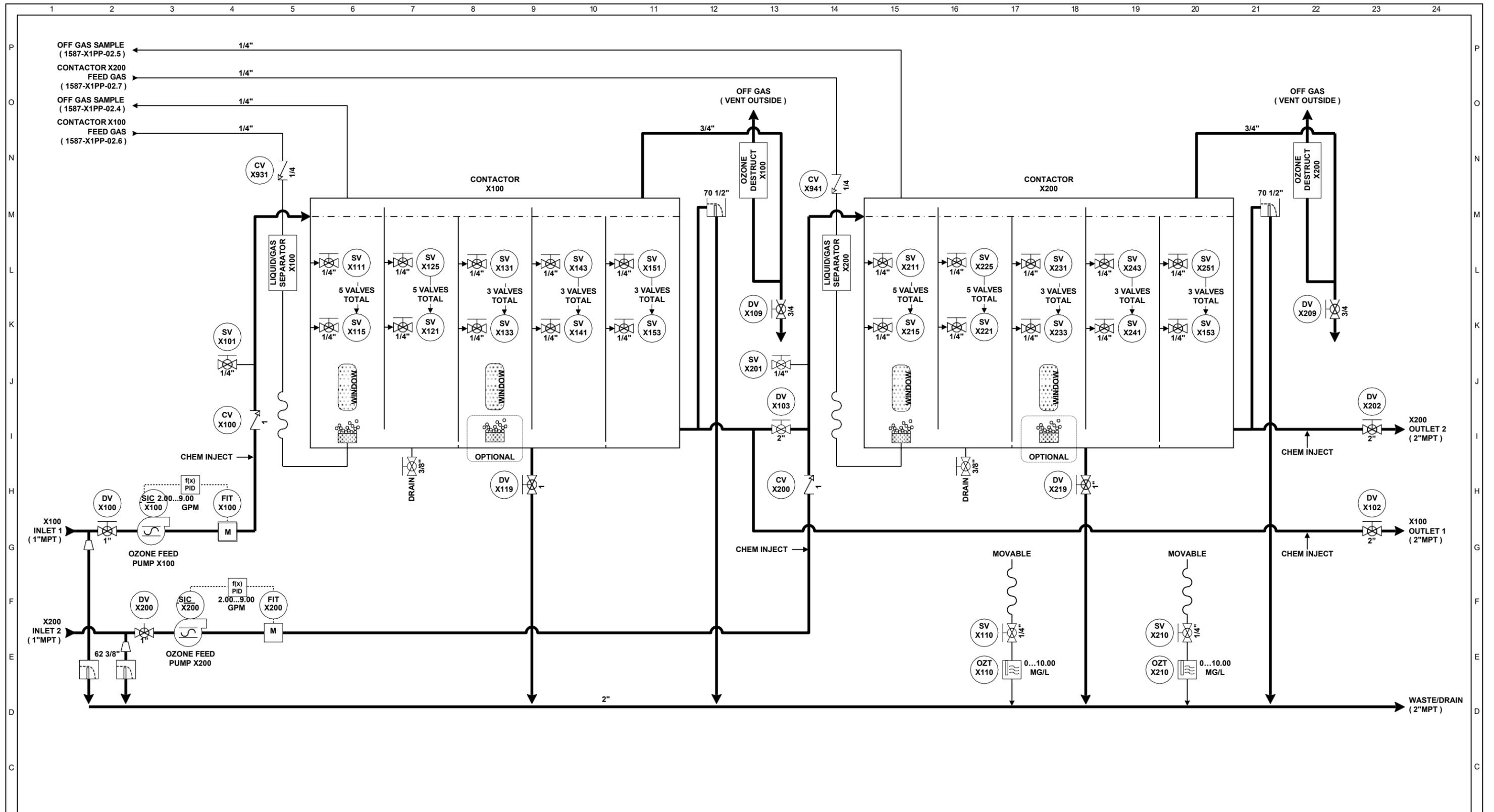
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FRAC: ± 1/16      0.XX: ± 0.01  
 ANGLES: ± 1°      0.XXX: ± 0.005

TITLE: OZONE MODULE Z21-11PC-1GC-2OS-1TM-1DO-0PH-2CF PROCESS & INSTRUMENTATION DIAGRAM – CHEMICAL FEEDS

CLIENT: INTUITECH	PROJECT: NEW BUILD
DRAWN BY: AJB	DRAWN DATE: 06/29/18
DRAWING NAME: 1587-X1PP-04.VSD	P.O.:



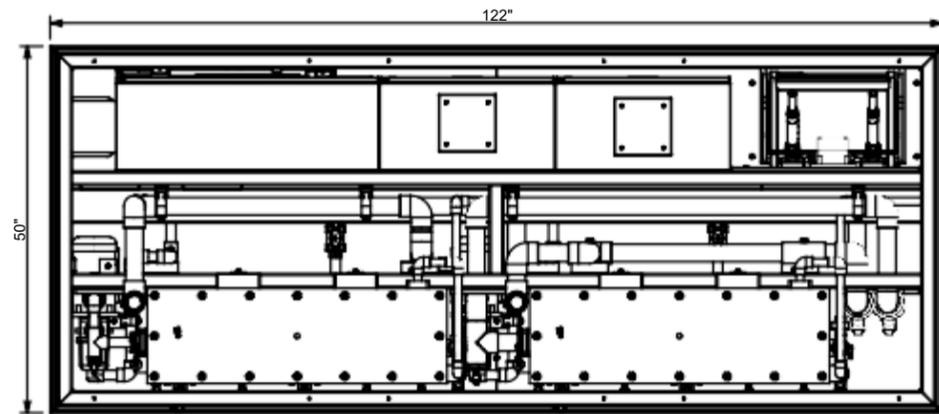
REV	DATE	BY	DESCRIPTION
1	08-21-17	CLR	REMOVE SV-X102 & SV-X202, ADD SV-X152...SV-X153 & SV-X251...SV-X253
2	11-02-17	AJB	MOVED CONTACTOR OFF GAS SAMPLE LOCATION TO FIRST CELL.
3			
4			

  
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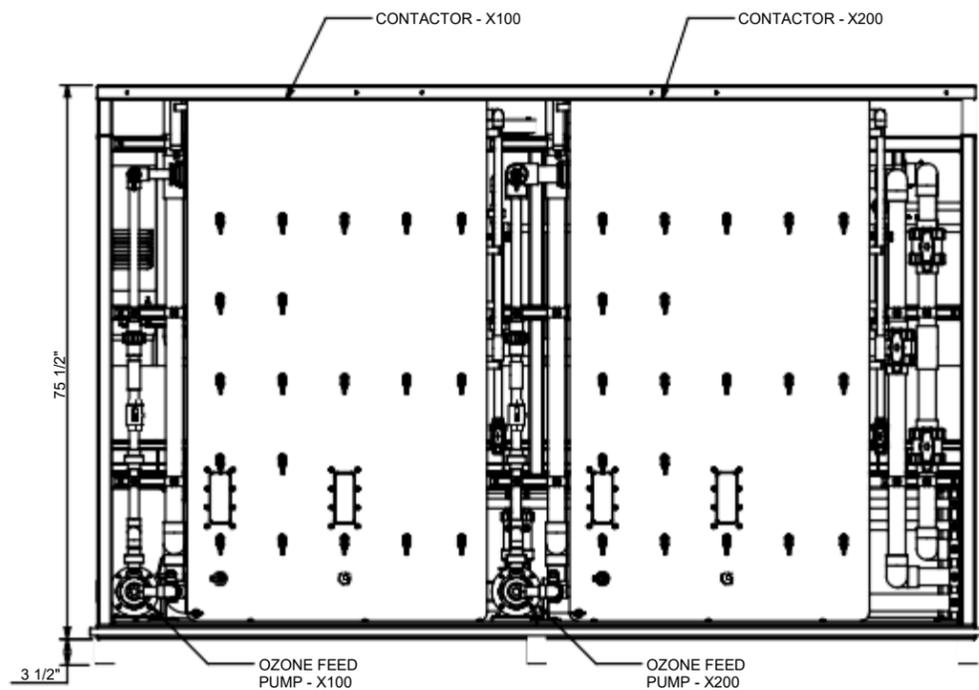
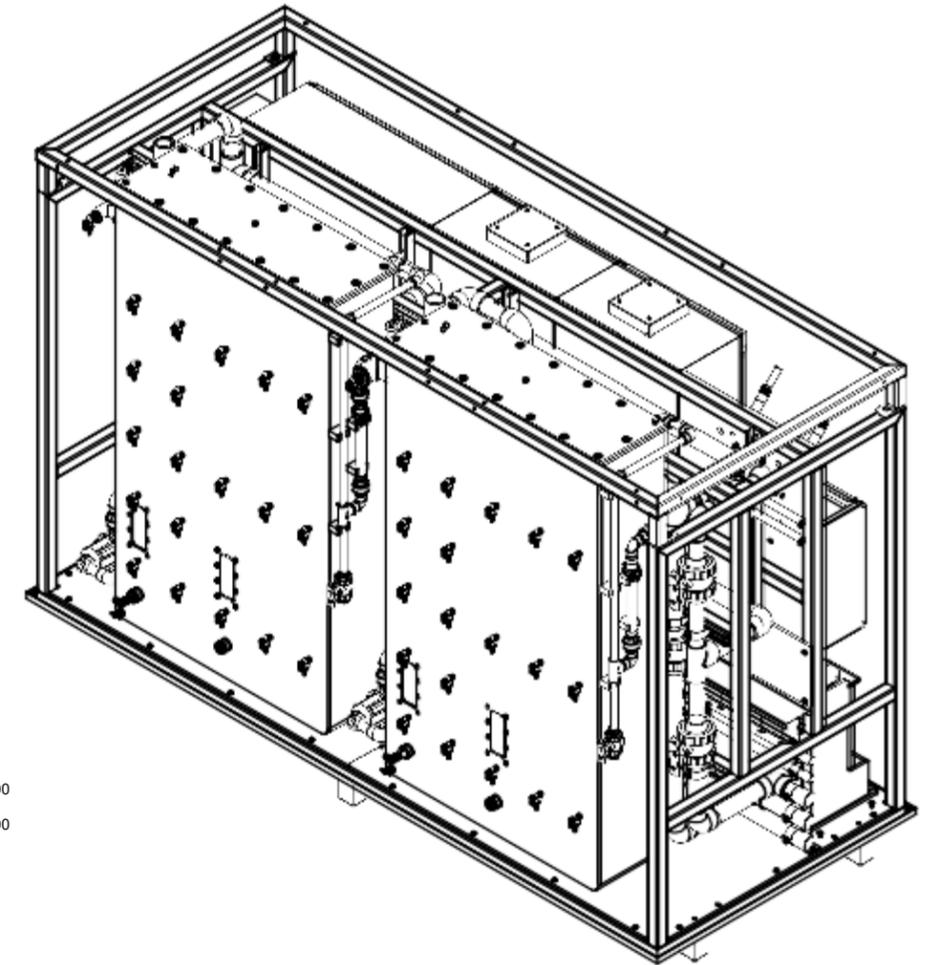
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 FRAC: ± 1/16    0.XX: ± 0.01  
 ANGLES: ± 1°    0.XXX: ± 0.005

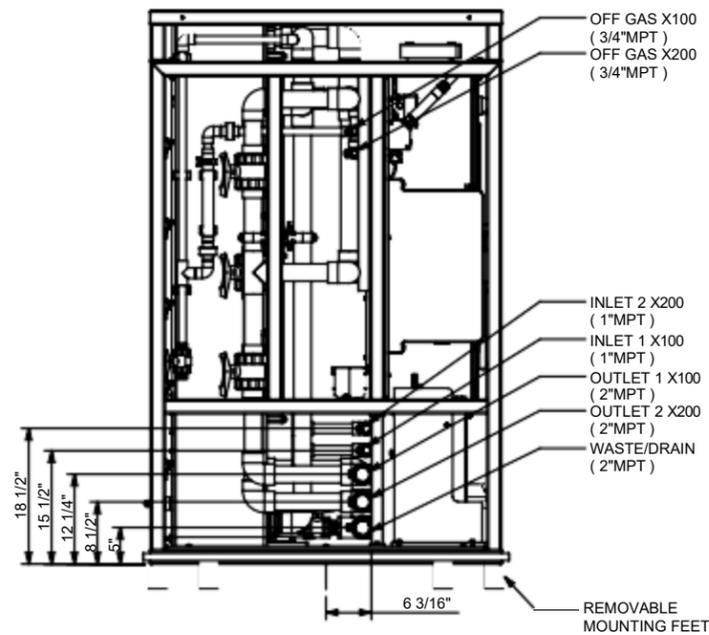
<b>TITLE: OZONE MODULE Z21-11PC-1GC-2OS-1TM-1DO-0PH-2CF PROCESS &amp; INSTRUMENTATION DIAGRAM – PROCESS</b>	
CLIENT: INTUITECH	PROJECT: NEW BUILD
DRAWN BY: AJB	DRAWN DATE: 06/29/18
DRAWING NAME: 1587-X1PP-03.VSD	P.O.:
SCALE: NONE	REVISION: 1



TOP VIEW



FRONT VIEW



RIGHT VIEW

**NOTES:**

1. ESTIMATED DRY WEIGHT: 2,500 LBS
2. ESTIMATED WET WEIGHT: 4,700 LBS
3. ESTIMATED SHIPPING WEIGHT: 2710 LBS

REV	DATE	BY	CHECKED	DESCRIPTION
1	11-02-17	AJB		UPDATED DRAWING TO SHOW ALL MECHANICAL MODIFICATIONS FOR RECORD.
2	06-29-18	CLR		ADD ESTIMATED SHIPPING WEIGHT
3				
4				

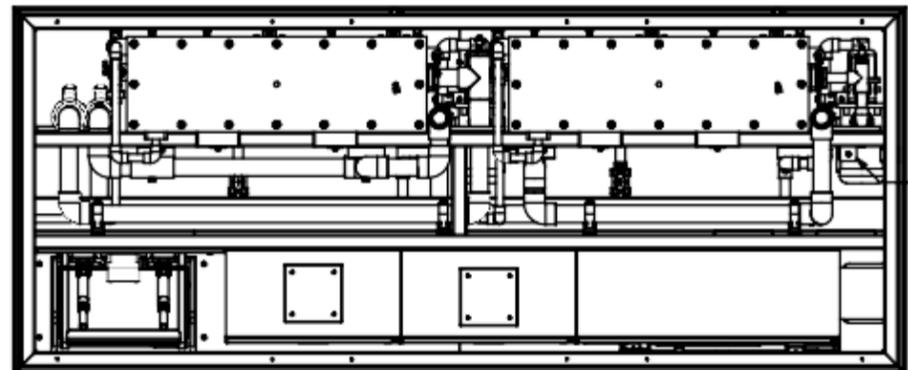
  
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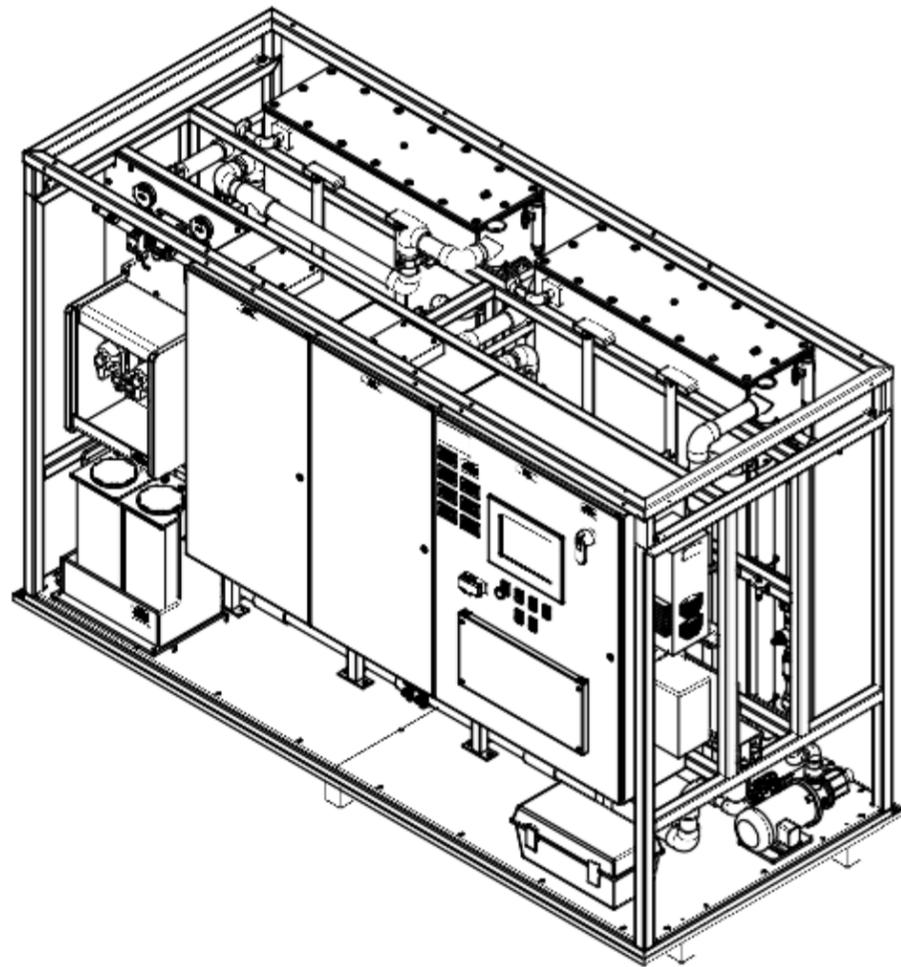
FRAC: ±1/16    0.XX: ±0.01  
 ANGLES: 1/2°    0.XXX: 0.005

<b>TITLE:</b> OZONE MODULE Z21-11PC-1GC-2OS-1TM-1DO-0PH-2CF GENERAL ARRANGEMENT - FRONT VIEW	
<b>CLIENT:</b> INTUITECH	<b>PROJECT:</b> NEW BUILD
<b>DRAWN BY:</b> CDP	<b>DRAWN DATE:</b> 06/29/18
<b>DRAWING NAME:</b> 1587-X0ML-01	<b>P.O.:</b>
<b>SCALE:</b> NONE	<b>REVISION:</b> 2

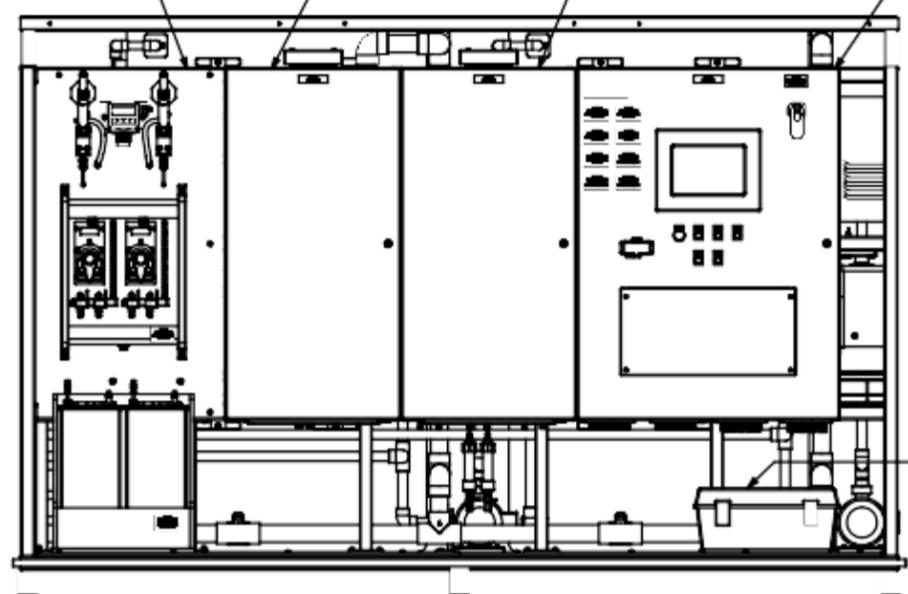


TOP VIEW

AMBIENT TEMPERATURE TRANSMITTER

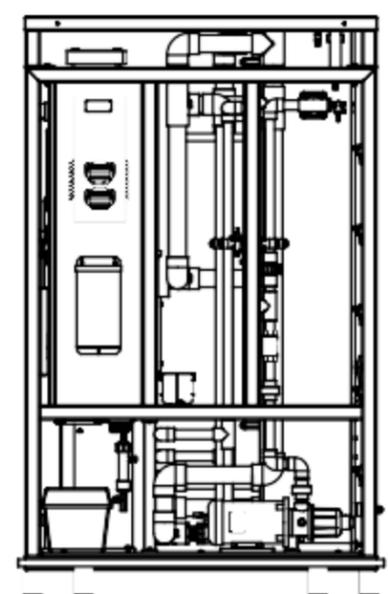


INSTRUMENTATION PANEL OXYGEN PANEL OZONE PANEL CONTROL PANEL



FRONT VIEW

SPARE PARTS BOX



RIGHT VIEW

REV	DATE	BY	CHECKED	DESCRIPTION
1	11-02-17	AJB		UPDATED DRAWING TO SHOW ALL MECHANICAL MODIFICATIONS FOR RECORD.
2	06-29-18	CLR		ADD REMOVABLE MOUNTING FEET
3				
4				

  
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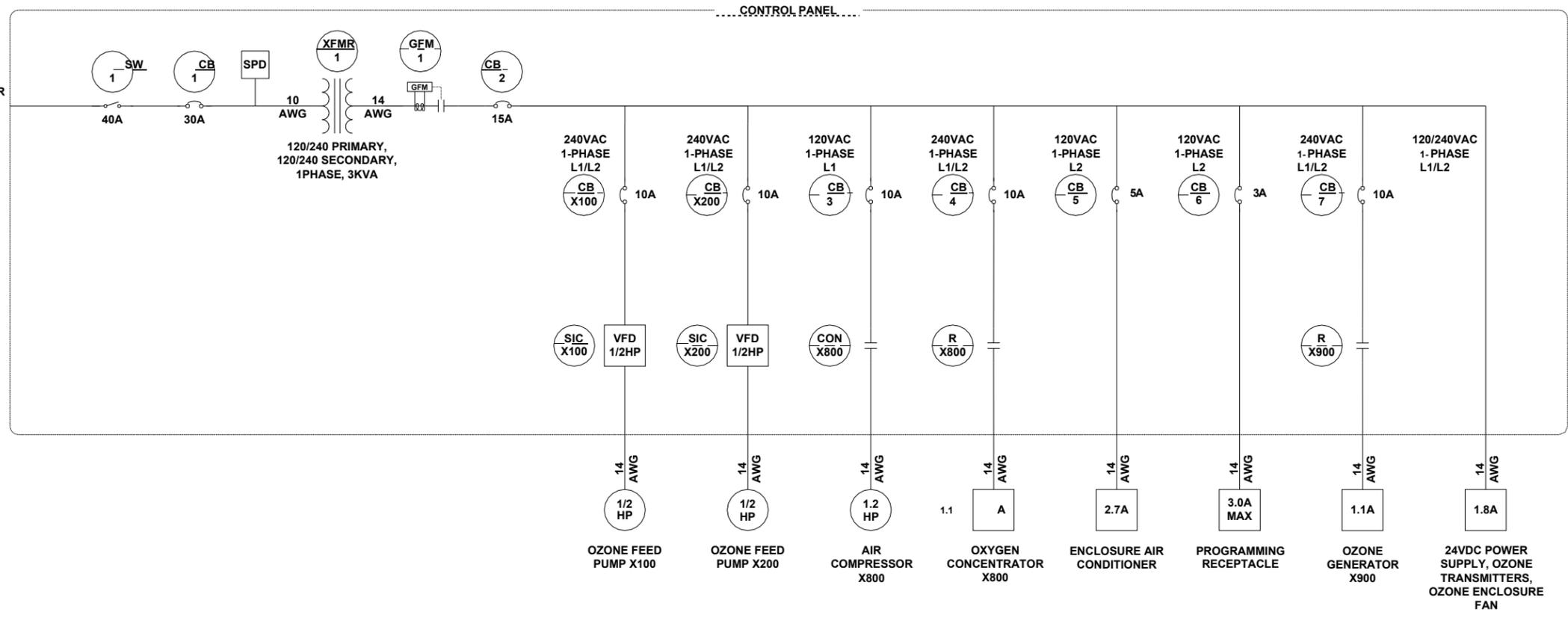
**DIMENSIONAL TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED**

FRAC:  $\pm 1/16$  0.XX:  $\pm 0.01$

ANGLES: 1 $\frac{1}{2}$  \* 0.XXX: 0.005

<b>TITLE:</b> OZONE MODULE Z21-11PC-1GC-2OS-1TM-1DO-0PH-2CF GENERAL ARRANGEMENT - BACK VIEW	
<b>CLIENT:</b> INTUITECH	<b>PROJECT:</b> NEW BUILD
<b>DRAWN BY:</b> CDP	<b>DRAWN DATE:</b> 06/29/18
<b>DRAWING NAME:</b> 1587-X0ML-02	<b>P.O.:</b>
<b>SCALE:</b> NONE	<b>REVISION:</b> 2

CONFIGURABLE SUPPLY:  
120VAC, 1PHASE, 60HZ, 16.8FLA OR  
240VAC, 1PHASE, 60HZ, 8.4FLA



REV	DATE	BY	DESCRIPTION
1	10-31-17	RSR	UPDATED POWER SUPPLY INFORMATION
2			
3			
4			



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FRAC: ± 1/16 0.XX: ± 0.01  
ANGLES: ± 1° 0.XXX: ± 0.005

TITLE:	OZONE MODULE Z21-11PC-1GC-2OS-1TM-1DO-0PH-2CF ONE LINE DIAGRAM	
CLIENT:	INTUITECH	PROJECT: NEW BUILD
DRAWN BY:	REM	DRAWN DATE: 06/29/18
DRAWING NAME:	1587-X1LD-10.VSD	P.O.:
SCALE:	NONE	REVISION: 1