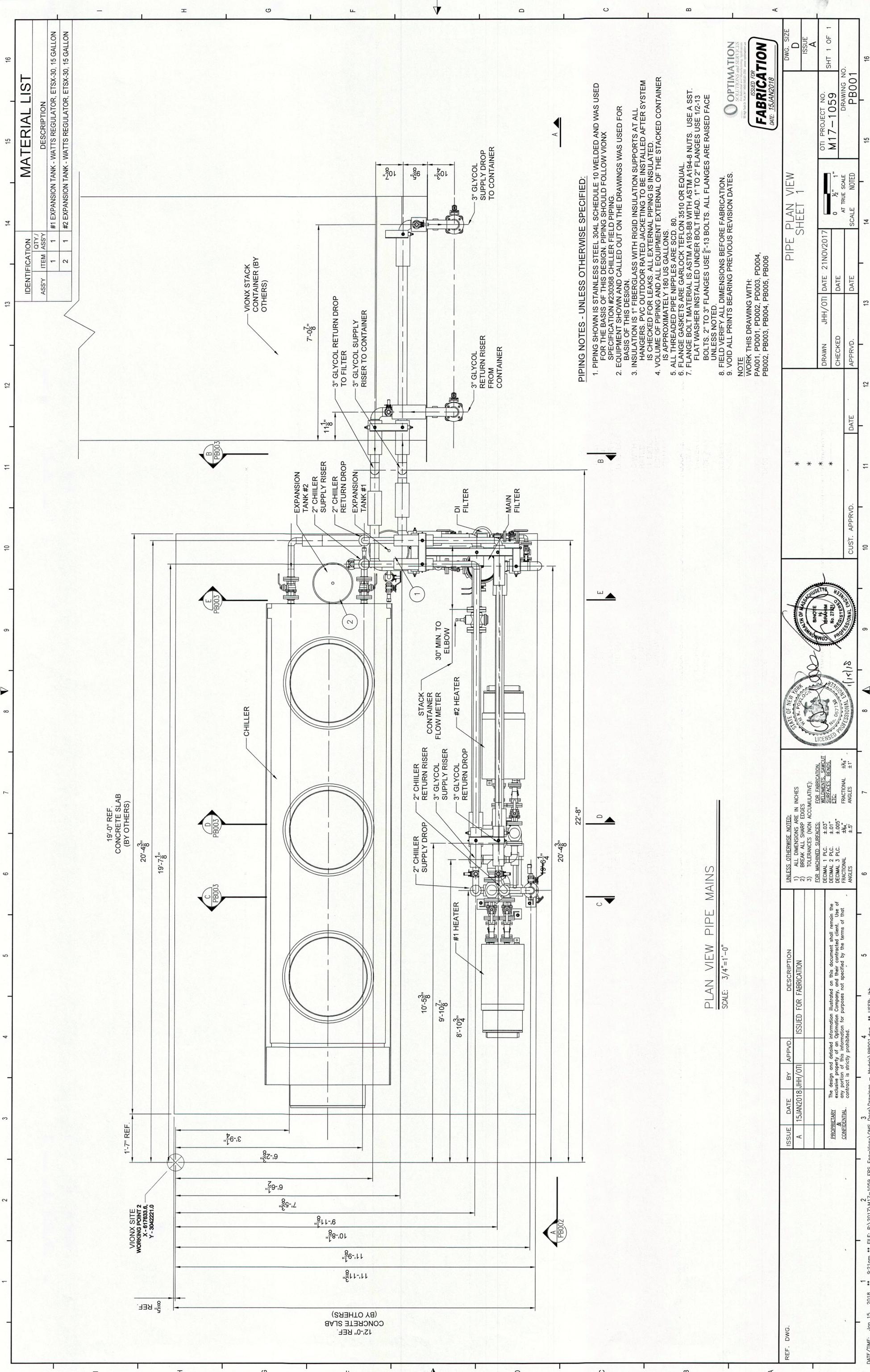


IDENTIFICATION	QTY./	DESCRIPTION
ASSY	ITEM	ASSY
	1	#1 EXPANSION TANK - WATTS REGULATOR, ETSX-30, 15 GALLON
	2	#2 EXPANSION TANK - WATTS REGULATOR, ETSX-30, 15 GALLON



### MATERIAL LIST

IDENTIFICATION	QTY./	DESCRIPTION
ASSY	ITEM	ASSY
	1	#1 EXPANSION TANK - WATTS REGULATOR, ETSX-30, 15 GALLON
	2	#2 EXPANSION TANK - WATTS REGULATOR, ETSX-30, 15 GALLON

**PIPING NOTES - UNLESS OTHERWISE SPECIFIED:**

1. PIPING SHOWN IS STAINLESS STEEL 304L SCHEDULE 10 WELDED AND WAS USED FOR THE BASIS OF THIS DESIGN. PIPING SHOULD FOLLOW VIONX SPECIFICATION #230368 CHILLER FIELD PIPING.
2. EQUIPMENT SHOWN AND CALLED OUT ON THE DRAWINGS WAS USED FOR BASIS OF THIS DESIGN.
3. INSULATION IS 1" FIBERGLASS WITH RIGID INSULATION SUPPORTS AT ALL HANGERS. PVC OUTDOOR RATED JACKETING TO BE INSTALLED AFTER SYSTEM IS CHECKED FOR LEAKS. ALL EXTERNAL PIPING IS INSULATED.
4. VOLUME OF PIPING AND ALL EQUIPMENT EXTERNAL OF THE STACKED CONTAINER IS APPROXIMATELY 180 US GALLONS.
5. ALL THREADED PIPE NIPPLES ARE SCD. 80.
6. FLANGE GASKETS ARE GARLOCK TEFLOX 3510 OR EQUAL.
7. FLANGE BOLT MATERIAL IS ASTM A193-B8 WITH ASTM A194-8 NUTS. USE A SST. FLAT WASHER INSTALLED UNDER BOLT HEAD. 1" TO 2" FLANGES USE 1/2-13 BOLTS. 2" TO 3" FLANGES USE 3/8"-13 BOLTS. ALL FLANGES ARE RAISED FACE UNLESS NOTED.
8. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION.
9. VOID ALL PRINTS BEARING PREVIOUS REVISION DATES.

**PLAN VIEW PIPE MAINS**  
SCALE: 3/4" = 1'-0"

**UNLESS OTHERWISE NOTED:**

- 1) ALL DIMENSIONS ARE IN INCHES
- 2) BREAK ALL SHARP EDGES
- 3) TOLERANCES (NON ACCUMULATIVE):  
 FOR FABRICATION, SURFACES, SAUCUT SURFACES, EDGES, ETC.  
 DECIMAL 1 P.L.C. ±.03"  
 DECIMAL 2 P.L.C. ±.01"  
 DECIMAL 3 P.L.C. ±.005"  
 FRACTIONAL ANGLES ±.5°  
 FRACTIONAL ANGLES ±.1°

The design and detailed information illustrated on this document shall remain the property of the company, and shall be provided client. Any portion of this information for purposes not specified by the terms of this contract is strictly prohibited.

REF. DWG. ISSUE DATE BY APPVD. DESCRIPTION ISSUED FOR FABRICATION

A	15/JAN/2018	JHH/OTI		
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DATE/TIME: Jan 15, 2018 9:21am \*\* FILE: P:\2017\M17-1059 EPS Eng-Vionx\OMS Docs\Drawings - Models\PB001.dwg \*\* USER: jhh

PIPE PLAN VIEW SHEET 1

DWG. SIZE	D
ISSUE	A

OTI PROJECT NO.	M17-1059
SHT 1 OF 1	

DRAWN	JHH/OTI	DATE	21/NOV/2017
CHECKED		DATE	
APPRVD.		DATE	

SCALE NOTED

WORK THIS DRAWING WITH:  
 PA001, PD001, PD002, PD003, PD004,  
 PB002, PB003, PB004, PB005, PB006

OPTIMATION  
 ISSUED FOR FABRICATION  
 DATE: 15/JAN/2018

COMMISSIONER OF PUBLIC SAFETY  
 STATE OF NEW YORK  
 ENGINEER  
 LICENSED PROFESSIONAL  
 11/1/18