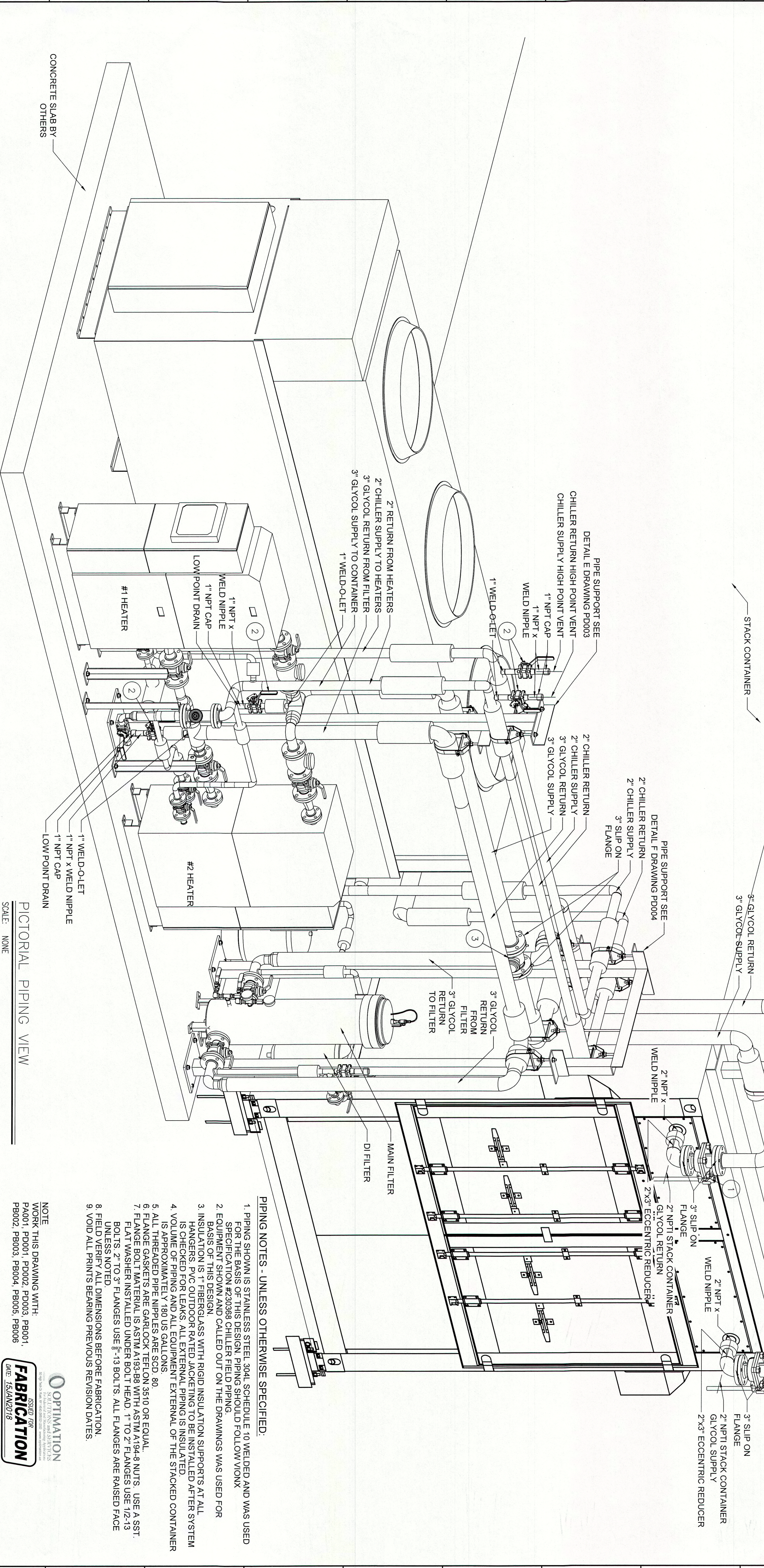


EQUIPMENT LIST	
IDENTIFICATION	DESCRIPTION
QTY./ ITEM ASSY	
1	2 VALVE - BALL, SST., 150 LB., FULL PORT, RF, 3" FLANGE.
	LOCKING HANDLE
2	6 VALVE - BALL, SST., 150 LB., 1" BUTT WELD, LOCKING HANDLE
3	1 VALVE - FLOW CONTROL, 3" FLANGE, WATTS CSM-81-F



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 TEFELON 3610 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.

NOTE

WORK THIS DRAWING WITH:

PA001, PD001, PD002, PD003, PB001, PB002, PB003, PB004, PB005, PB006

DATE: 15/JAN/2018

FABRICATION

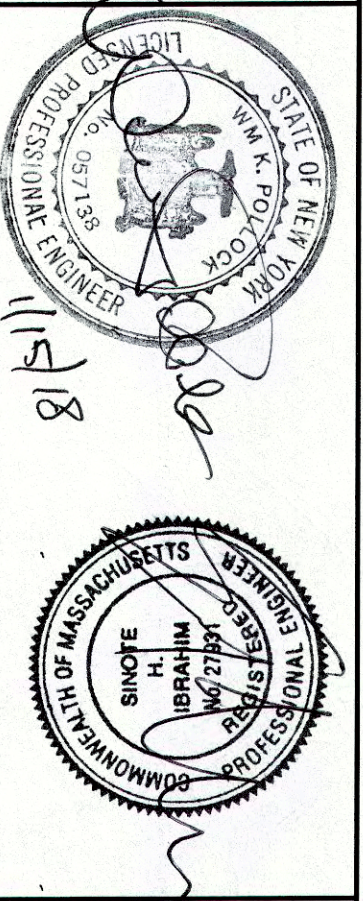
ISSUED FOR

PICTORIAL PIPING VIEW

SCALE: NONE

REF. DWG.	ISSUE	DATE	BY	APPVD.	DESCRIPTION
	A	15/JAN/2018	JHH/OTI		ISSUED FOR FABRICATION

- UNLESS OTHERWISE NOTED:
- 1) ALL DIMENSIONS ARE IN INCHES
 - 2) BREAK ALL SHARP EDGES
 - 3) TOLERANCES (NON ACCUMULATIVE):
FOR MACHINED SURFACES:
DECIMAL 1 P.L.C. ±.03"
DECIMAL 2 P.L.C. ±.01"
DECIMAL 3 P.L.C. ±.005"
FRACTIONAL ±.006"
ANGLES ±.5°
 - 4) FOR FABRICATION:
WELDMENTS, SAWCUT SURFACES, BENDS, ETC.
FRACTIONAL ±.1°
ANGLES ±.1°



CUST. APPROVD.	DATE

PICTORIAL PIPING VIEW				DWG. SIZE
SHEET 1				D
DRAWN	JHH/OTI	DATE	21/NOV/2017	0 1/2" 1"
CHECKED		DATE		AT TRUE SCALE
APPVD.		DATE		NOTED
PROJECT NO. M17-1059				SHT 1 OF 1
DRAWING NO. PB004				ISSUE A