

- 1 CONNECTION FOR FUTURE HEAT EXCHANGER
- 2 PARTIAL JACKET WILL NOT COVER A PORTION OF ONE SIDE OF VESSEL
- 3 pH MEASUREMENT AI-3204A-01 WILL BE INTERLOCKED WITH XV-3204A-23 TO PULSE ON LOW pH CONDITION AND WILL BE INTERLOCKED WITH XV-3204A-24 TO PULSE ON HIGH pH CONDITION
- 4 LEVEL SWITCH LAH-3204A-04 WILL BE INTERLOCKED WITH XV-3204A-27 TO PULSE ON HIGH LEVEL CONDITION
- 5 ROTAMETER WITH FLOW CONTROL
- 6 CONNECTIONS FOR FUTURE PROPAGATOR 3C
- 7 MANUAL VALVE PREFIX THIS SHEET IS 3205.
- 8 FIELD TAG = 3205-V-##
- 9 HIGHEST MANUAL VALVE NUMBER IS 70.

THE DESIGN IS BASED ON THE EQUIPMENT DATA SHEETS AND SPECIFICATIONS PROVIDED. DESIGN LAYOUTS WERE DEVELOPED USING THE DATA SHEETS, HORSEPOWER AND DIMENSIONAL INFORMATION OBTAINED FROM VENDOR PRELIMINARY INFORMATION AND/OR CATALOGS.

UPON FINAL EQUIPMENT SELECTION AND PURCHASE THE CERTIFIED DIMENSIONAL INFORMATION MUST BE VERIFIED BY THE CONTRACTOR, AND ANY IDENTIFIED DEVIATIONS FROM THE EQUIPMENT DATA SHEETS OR SPECIFICATIONS SHALL BE BROUGHT TO THE OWNER'S ENGINEER FOR RESOLUTION.


THE OWNER'S ENGINEER MUST APPROVE ALL DEVIATIONS FROM THE EQUIPMENT DATA SHEETS AND SPECIFICATIONS PROVIDED.

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1 BUCKEYE DRIVE PERRY, FL 32348-7702

UNIVERSITY OF FLORIDA  
BIOREFINERY PILOT PLANT

PROCESS & INSTRUMENTATION DIAGRAM  
FERMENTOR A

6	03/04/15	KFW	IUN	ADDED MAN. VALVES & STEAM TRAPS	
5	12/05/12	JT	TPK	ISSUED FOR RECORD	
4	01/06/12	JT	TPK	UPDATED AS NOTED	
3	11/18/11	JT	TPK	ADDED UNIQUE MANUAL VALVE TAGS	
2	03/29/11	CC	TPK	CHANGES PER FO-09, CHANGED LINE	
1	11/30/10	JT	TPK	NUMBERS, SIZES, & PUMP SPEC	
REV	DATE	BY	CK	APP	DESCRIPTION

PROJ: Y7275

SCALE: NONE

DATE: 01/13/10

BY: SM

PIL-PID-3205

REV. 5