



- 1 HOSE CONNECTION FOR PORTABLE AIR DIAPHRAGM PUMP
- 2 HOSE CONNECTION FOR ACID ADDITION
- 3 MANUAL VALVE PREFIX THIS SHEET IS 4601.
- 4 FIELD TAG = 4601-V-##.
- 5 HIGHEST MANUAL VALVE NUMBER IS 50.

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.

**Ford, Bacon & Davis**

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						UNIVERSITY OF FLORIDA BIOREFINERY PILOT PLANT	
						PROCESS & INSTRUMENTATION DIAGRAM BEER WELL	
7	04/08/15	KFW	IUN		CHANGED/ADDED LINE & VALVE ID'S	PROJ: Y7275	PIL-PID-4601
6	12/05/12	JT	TPK	DCG	ISSUED FOR RECORD	SCALE: NONE	
5	01/06/12	JT	TPK	DCG	UPDATED AS NOTED	DATE: 01/13/10	
4	11/18/11	JT	TPK	DCG	ADDED UNIQUE MANUAL VALVE TAGS	BY: SM	
3	10/03/11	SM	TPK	DCG	REMOVED LINE 7202-05		
2	03/29/11	CC	TPK	DCG	CHANGED LINE SIZES		
1	11/30/10	JT	TPK	DCG	UPDATED AS NOTED		
REV	DATE	BY	CK	APP	DESCRIPTION		