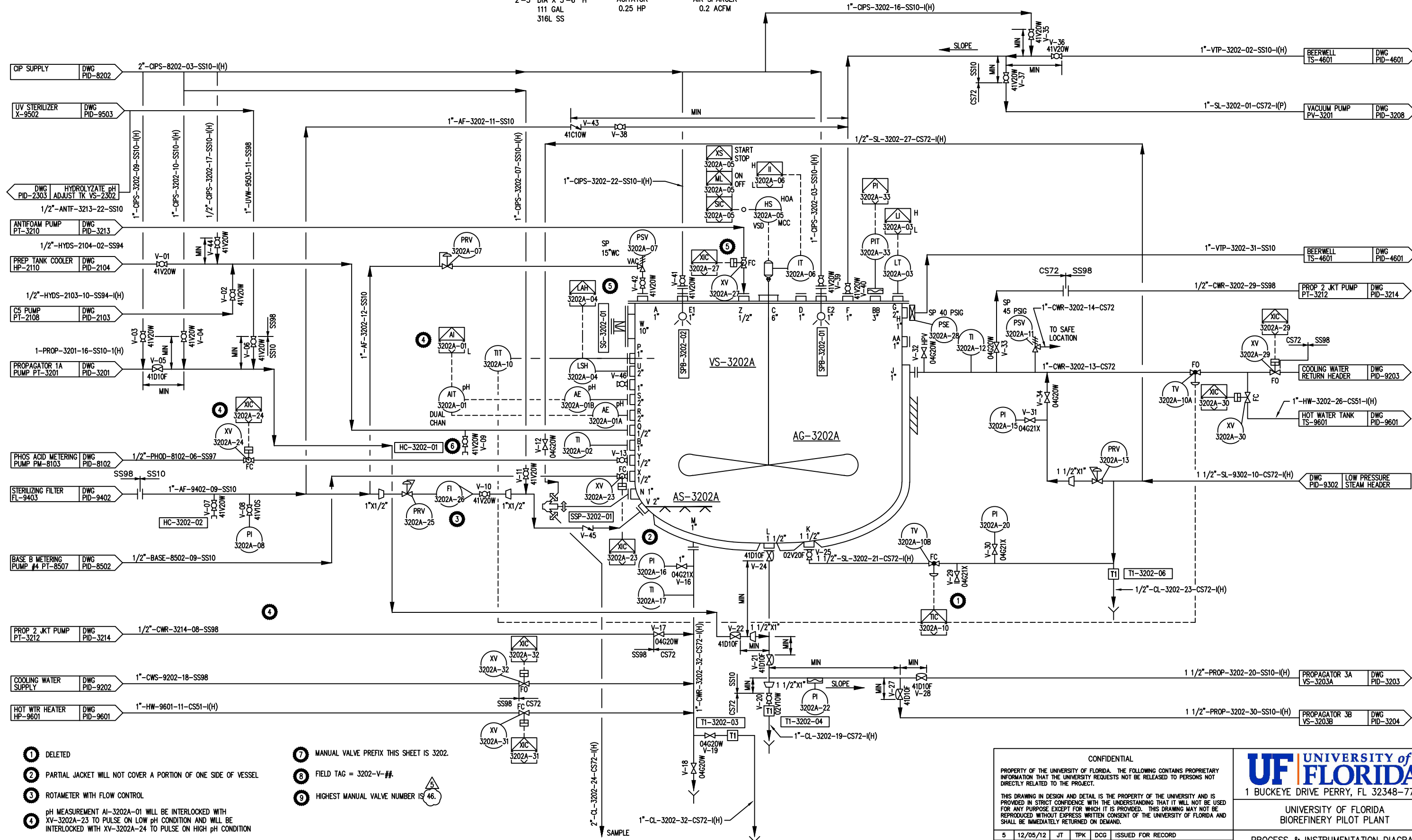


VS-3202A
PROPAGATOR 2A
2'-3" DIA X 3'-6" H
111 GAL
316L SS

AG-3202A
PROPAGATOR 2A
AGITATOR
0.25 HP

AS-3202A
PROPAGATOR 2A
AIR SPARGER
0.2 ACFM



- 1 DELETED
- 2 PARTIAL JACKET WILL NOT COVER A PORTION OF ONE SIDE OF VESSEL
- 3 ROTAMETER WITH FLOW CONTROL
- 4 pH MEASUREMENT AI-3202A-01 WILL BE INTERLOCKED WITH XV-3202A-23 TO PULSE ON LOW pH CONDITION AND WILL BE INTERLOCKED WITH XV-3202A-24 TO PULSE ON HIGH pH CONDITION
- 5 LEVEL SWITCH LAH-3202A-04 WILL BE INTERLOCKED WITH XV-3202A-27 TO PULSE ON HIGH LEVEL CONDITION
- 6 CONNECTION FOR PUMPING IN SORGHUM

- 7 MANUAL VALVE PREFIX THIS SHEET IS 3202.
- 8 FIELD TAG = 3202-V-##
- 9 HIGHEST MANUAL VALVE NUMBER IS 46.

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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HOUSTON, TX 77087
COA No. CA-0007835

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PROCESS & INSTRUMENTATION DIAGRAM PROPAGATOR 2A						PIL-PID-3202	
5 12/05/12 JT TPK DCG ISSUED FOR RECORD						PROJ: Y7275	
4 01/06/12 JT TPK DCG UPDATED AS NOTED						SCALE: NONE	
3 11/18/11 JT TPK DCG ADDED UNIQUE MANUAL VALVE TAGS						DATE: 01/13/10	
2 03/29/11 CC TPK DCG CHANGED LINE SIZES, NOZZLE SIZES						BY: SM	
1 11/30/10 JT TPK DCG UPDATED AS NOTED							
0 07/30/10 KRS TPK DCG ISSUED FOR CONSTRUCTION							
REV	DATE	BY	CK	APP	DESCRIPTION		