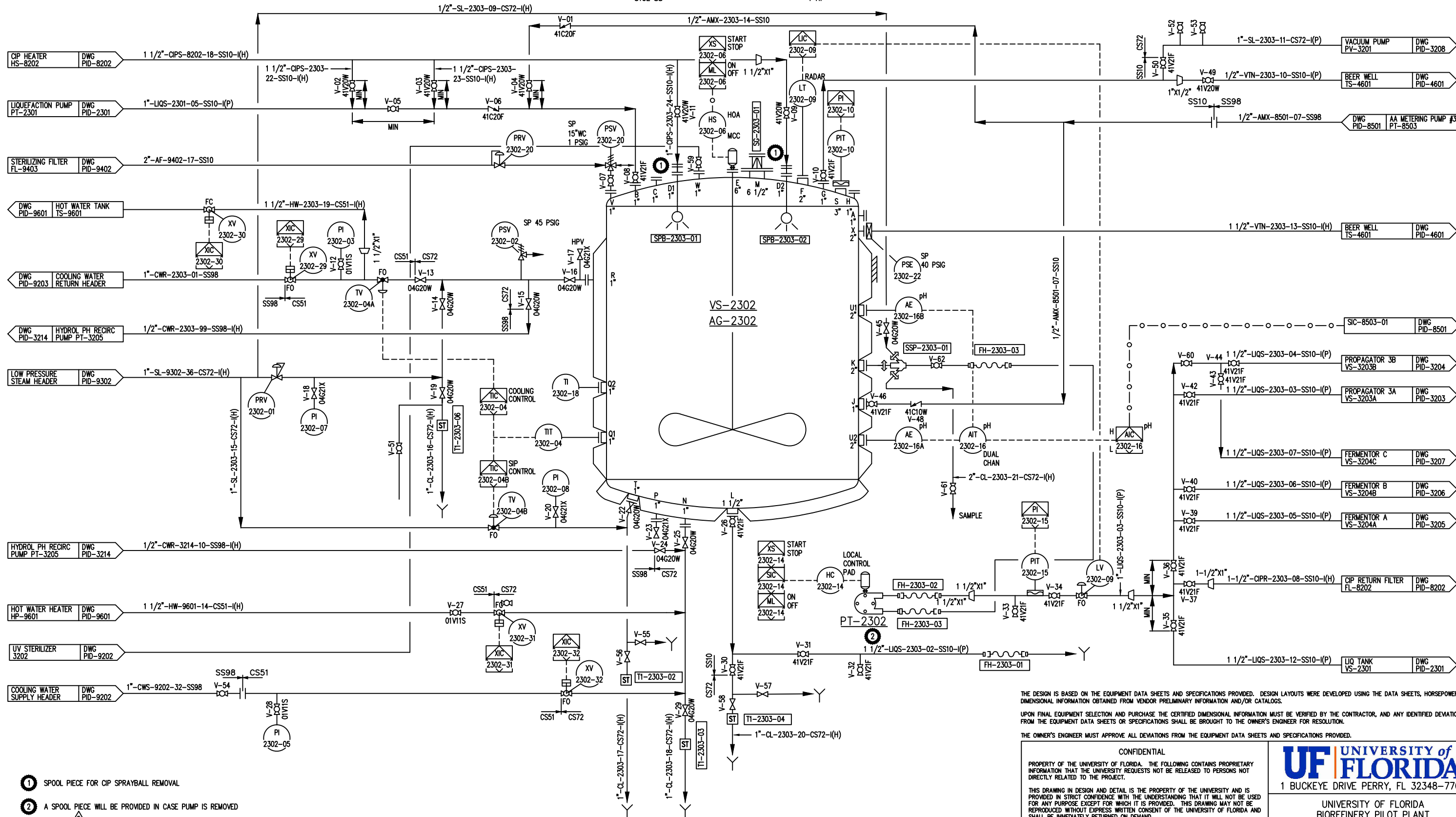


VS-2302
HYDROLYZATE pH
ADJUSTMENT TANK
2'-9" DIA X 3'-9" H
200 GAL
316L SS

AG-2302
HYDROLYZATE pH
ADJUSTMENT TANK
AGITATOR
0.5 HP

PT-2302
HYDROLYZATE pH
ADJUSTMENT
PUMP
5 GPM @ 143' TDH
1 HP



- 1 SPOOL PIECE FOR CIP SPRAYBALL REMOVAL
- 2 A SPOOL PIECE WILL BE PROVIDED IN CASE PUMP IS REMOVED
- 3 DELETED
- 4 MANUAL VALVE PREFIX THIS SHEET IS 2303.
- 5 FIELD TAG = 2303-V-##
- 6 HIGHEST MANUAL VALVE NUMBER IS 62.

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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UNIVERSITY of FLORIDA

1 BUCKEYE DRIVE PERRY, FL 32348-7702

UNIVERSITY OF FLORIDA
BIOREFINERY PILOT PLANT

PROCESS & INSTRUMENTATION DIAGRAM
HYDROLYZATE pH ADJUSTMENT

5	12/05/12	JT	TPK	DCG	ISSUED FOR RECORD
4	01/06/12	JT	TPK	DCG	UPDATED AS NOTED
3	11/18/11	JT	TPK	DCG	ADDED UNIQUE MANUAL VALVE TAGS
2	03/29/11	CC	TPK	DCG	CHANGED LINE SIZES, NOZZLE SIZE
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

PROJ: Y7275

SCALE: NONE

DATE: 01/13/10

BY: SM

PIL-PID-2303

REV. 5

Ford, Bacon & Davis

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