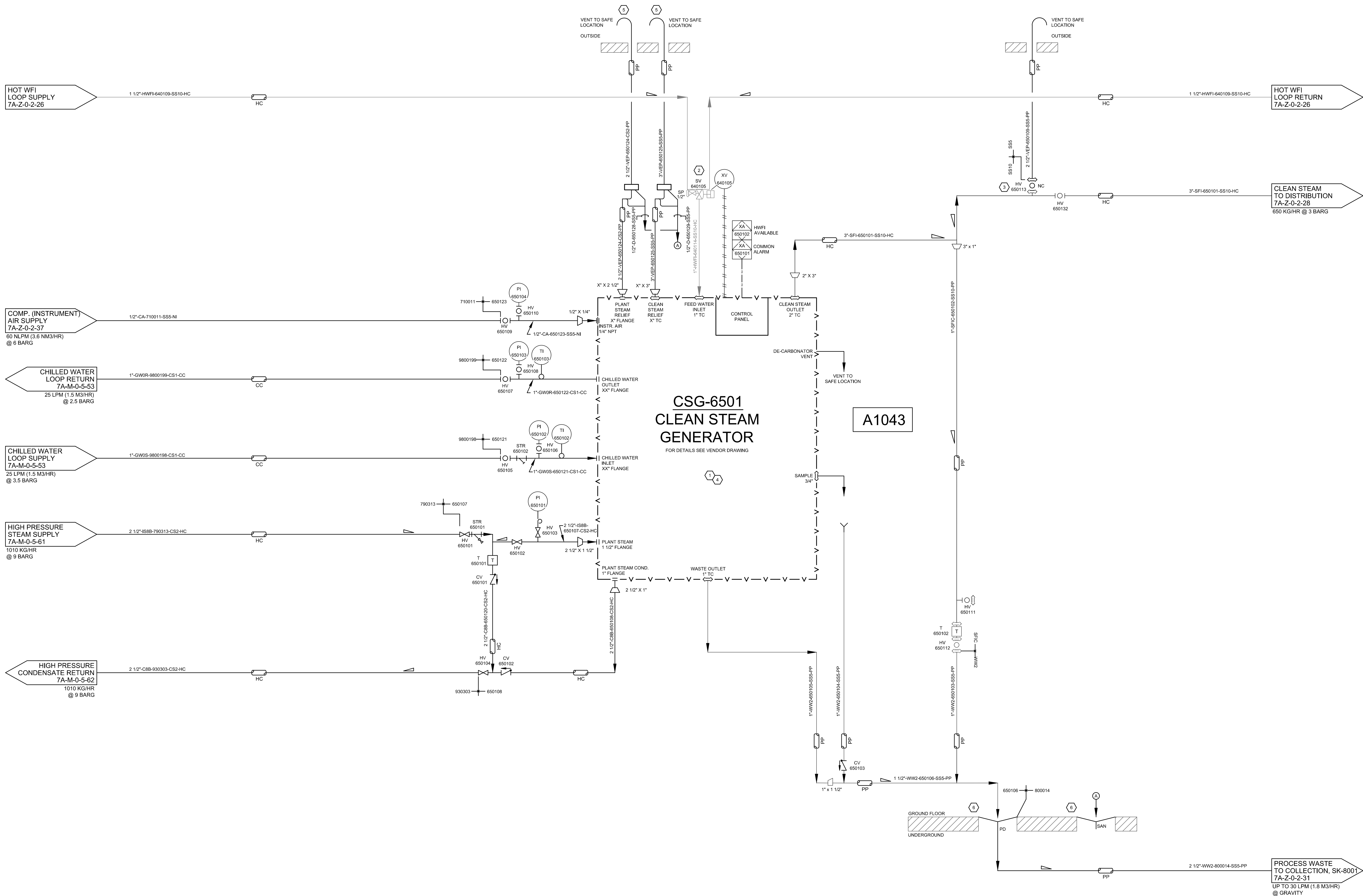


\\media.corp.ips.com\PS\A\Projects\2016\1843918 - DESIGNS\8.10 Project Drawings\Process\A\DRP\7A-Z-0-2-27.dwg 9/22/21 10:01:10 PM A.Drum



CSG-6501  
CLEAN STEAM GENERATOR  
TYPE: DOUBLE TUBESHEET  
CAPACITY: 839 KG/HR  
MANUF. / MODEL: TBD  
DELIVERY PRESSURE: 3 BARG  
MOC: 316L SS  
ELEC: 380 V / 60 HZ / 3 PH / X KW

#### GENERAL NOTES:

1. ALL COMPONENT & EQUIPMENT NUMBERS ARE PRECEDED BY "7A" TO REPRESENT THE FINAL DRUG PRODUCT (FOP) BUILDING.
2. ALL AUTOMATIC VALVES FAIL CLOSED (F.C.) UNLESS NOTED FAIL OPEN (F.O.).
3. ALL PLC/COMPUTER CONNECTIONS ARE WITHIN THE PCS UNLESS OTHERWISE NOTED.
4. LAST LINE NUMBER:  
REFER TO PAID 7A-Z-0-2-28 FOR DETAILS.
5. LINE NUMBER NOT USED:  
REFER TO PAID 7A-Z-0-2-28 FOR DETAILS.
6. LAST AUTO VALVE NUMBER:  
REFER TO PAID 7A-Z-0-2-28 FOR DETAILS.
7. AUTO VALVE NUMBERS NOT USED:  
REFER TO PAID 7A-Z-0-2-28 FOR DETAILS.
8. LAST MANUAL VALVE NUMBER:  
REFER TO PAID 7A-Z-0-2-28 FOR DETAILS.
9. MANUAL VALVE NUMBERS NOT USED:  
REFER TO PAID 7A-Z-0-2-28 FOR DETAILS.

#### SHEET NOTES

1. SAMPLE COOLER SUPPLIED AS PART OF THE VENDORS PACKAGE.
2. WFI SUPPLY PIPING AND VALVES SHOWN FOR CLARITY. REFER TO WFI DISTRIBUTION PAID 7A-Z-0-2-28.
3. VENT FOR START-UP OPERATIONS.
4. LOCATE VALVES AND REGULATORS AT OPERATOR LEVEL FOR ERGONOMIC ACCESS (TYPICALLY 1200 MM TO 1525 MM ABOVE FINISHED FLOOR).
5. VENT TO A SAFE LOCATION. VENTS TO THE BUILDING EXTERIOR SHALL BE INSTALLED WITH A BIRD SCREEN. LOCAL VENT AND DRAIN PIPING TO BE ROUTED AFTER EQUIPMENT IS SET IN FINAL LOCATION. PIPING IS NOT DETAILED ON ROUTING PLANS.
6. PROVIDE A 50 MM MINIMUM AIR GAP FOR FLOOR DRAINS.

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REVISION	DATE	DESCRIPTION	BY
A	01AUG2020	90% BD ISSUE	JJR
B	28AUG2020	90% BD ISSUE	JJR
C	27NOV2020	DESIGN ISSUE	JJR
D	18DEC2020	DESIGN ISSUE	RBN
E	12FEB2021	90% DD ISSUE	RJD
F	09AUG2021	90% DD ISSUE	RJD
G	02SEP2021	CONSTRUCTION ISSUE	RJD



R. Dr. Cesário Mota Júnior, 424 - Vila Burques, São Paulo - SP, 01221-020

#### REVISION HISTORY

1 REV. 0 - LINE 790013 SIZE 2" TO 2 1/2".

#### CONFIDENTIAL

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CLIENT



BURITI EPCMV

DRAWING TITLE

P&I DIAGRAM  
DRUG PRODUCT  
CLEAN STEAM GENERATOR  
CSG-6501

ENGINEER JJR	ARCHITECT BJE	DESIGNER RBN	IPS PROJECT # ITD19439.01
DRAWN BY RBN	REVIEWED BY GJC	SCALE NONE	CADD FILE NAME 7A-Z-0-2-27

XREF FILE(S)

DRAWING NUMBER

7A-Z-0-2-27

SEAL

THIS IS NOT A SEALED DOCUMENT

DATE:

ISSUED FOR  
CONSTRUCTION