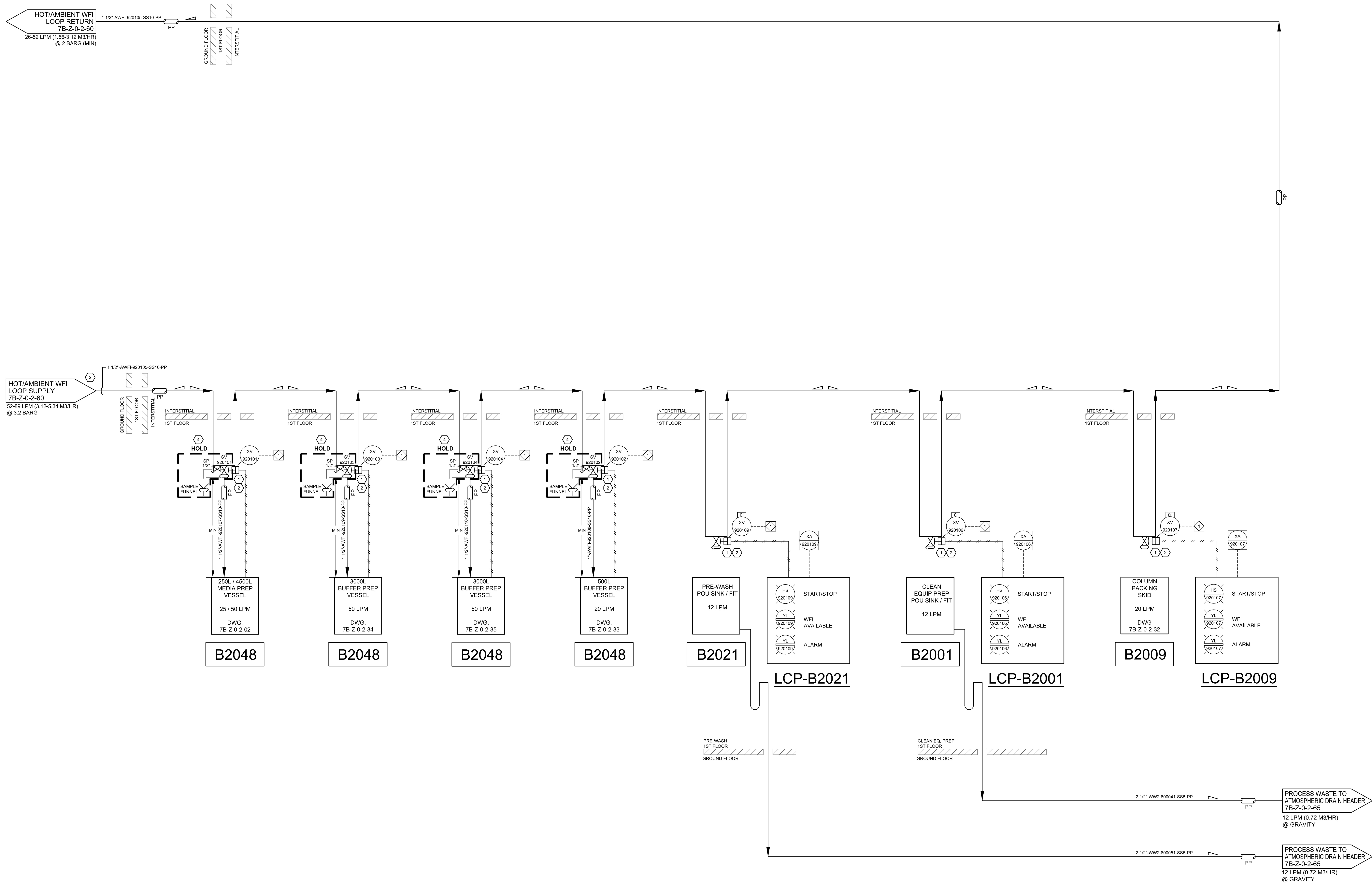


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GENERAL NOTES:

1. ALL COMPONENT & EQUIPMENT NUMBERS ARE PRECEDED BY "7B" TO REPRESENT THE BULK DRUG SUBSTANCE (BDS) 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: 520112
5. LINE NUMBER NOT USED: NONE
6. LAST AUTO VALVE NUMBER: XV-920109
7. AUTO VALVE NUMBERS NOT USED: XV-920105, 08
8. LAST MANUAL VALVE NUMBER: SV-920131
9. MANUAL VALVE NUMBERS NOT USED: HV-920101 - 05, 08, 13, 17, 22

SHEET NOTES

1. ADJUST VALVE OPENING STOP TO MATCH FLOW RATE LISTED IN POINT-OF-USE DESCRIPTION BOX.
2. WFI LOOP NORMALLY OPERATES IN A HOT CONDITION, BUT WHEN A USER REQUESTS AMBIENT WFI, A HEAT EXCHANGER ON THE DISTRIBUTION SHD INSTANTANEOUSLY COOLS THE LOOP TO AMBIENT.
3. LOCATE VALVES AND REGULATORS AT OPERATOR LEVEL FOR ERGONOMIC ACCESS (TYPICALLY 1220 MM TO 1525 MM ABOVE FINISHED FLOOR).
4. HOLD PENDING SAMPLING ACCESSIBILITY ASSESSMENT PRIOR TO CONSTRUCTION ISSUE.

INTERLOCKS

- INTERLOCK LOOP VALVES WITH WFI GENERATION SKID STATUS. IF WFI IS OUT OF SPEC (TOC, CONDUCTIVITY, GENERAL ALARM) LOCK VALVES.



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REVISION	DATE	DESCRIPTION	BY
A	01JUL2020	90% BD ISSUE	JLR
B	28AUG2020	90% BD ISSUE	JLR
C	27NOV2020	DESIGN ISSUE	JLR
D	12FEB2021	50% DD ISSUE	RLD
E	12AUG2021	90% DD ISSUE	RLD
F	09SEP2021	CONSTRUCTION ISSUE	RLD



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

REVISION HISTORY

- 1 REV. 0 - RE-ORDERED BUFFER PREP VESSEL POINT OF USE.

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CLIENT



BURITI EPCMV

DRAWING TITLE

P&I DIAGRAM
DRUG SUBSTANCE
HOT/AMBIENT WFI
DISTRIBUTION

ENGINEER JLR	ARCHITECT BJE	DESIGNER RBN	IPS PROJECT # ITD19439.01
DRAWN BY LG	REVIEWED BY GJC	SCALE NONE	CADD FILE NAME 7B-Z-0-2-62

XREF FILE(S)

DRAWING NUMBER

7B-Z-0-2-62

SEAL

THIS IS NOT A
SEALED DOCUMENT

DATE:

LCP-B2001
LOCAL CONTROL PANEL

TYPE: RECESSED, PUSH-BUTTON STATION ENCLOSURE
MANUF.: TBD
SIZE: 300mmW X 200mmD X 300mmH
MOC: 304SS
POWER: 1160/220VAC

LCP-B2009
LOCAL CONTROL PANEL

TYPE: RECESSED, PUSH-BUTTON STATION ENCLOSURE
MANUF.: TBD
SIZE: 300mmW X 200mmD X 300mmH
MOC: 304SS
POWER: 1160/220VAC

LCP-B2021
LOCAL CONTROL PANEL

TYPE: RECESSED, PUSH-BUTTON STATION ENCLOSURE
MANUF.: TBD
SIZE: 300mmW X 200mmD X 300mmH
MOC: 304SS
POWER: 1160/220VAC

Robert L. De Souza Jr.

ISSUED FOR
CONSTRUCTION