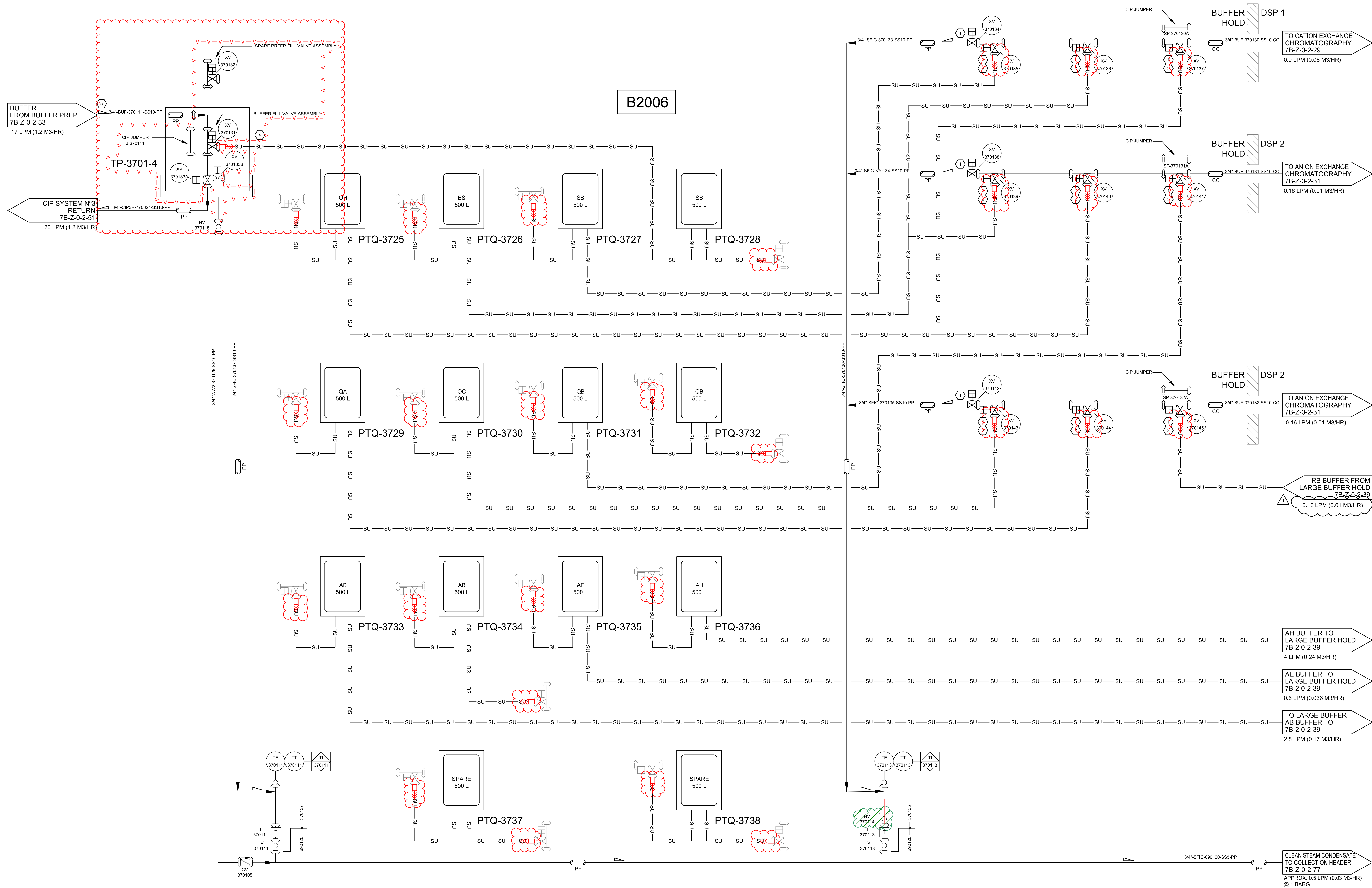


\\m01102019\145456 - DESIGN\10 Project Drawings\Process\B-BDS\B-Z-0-2-37.dwg 12:20:32 PM A50mm



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.
5. LINE NUMBER NOT USED.
6. REFER TO DRAWING 7B-Z-0-2-33.
7. AUTO VALVE NUMBERS NOT USED.
8. REFER TO DRAWING 7B-Z-0-2-33.
9. LAST MANUAL VALVE NUMBER.
10. REFER TO DRAWING 7B-Z-0-2-33.
11. MANUAL VALVE NUMBERS NOT USED.
12. REFER TO DRAWING 7B-Z-0-2-33.

SHEET NOTES

1. AUTOMATED VALVES ARE CONTROLLED BY THE RESPECTIVE CHROMATOGRAPHY SHD. AUTOMATED BUFFER FEED VALVE ASSEMBLY SHALL BE INSTALLED SUCH THAT CONDENSATE DOES NOT COLLECT DURING SIP.
2. CONNECTION TO VALVE FROM CLEANING BUFFERS DURING CHROMATOGRAPHY SHD CIP.
3. JUMPER INSTALLED DURING LINE CIP AND VALVE CLEANED OUT OF PLACE.
4. BUFFER PALLET TANK FILL ARRANGEMENT, BUFFER FILL SET-UP:
 - REMOVE CIP SPOOL AND INSTALL CLEANED BUFFER FILL VALVE ASSEMBLY.
 - SIP BUFFER TRANSFER LINE WITH BUFFER FILL VALVE OPEN WITH STEAM-TO (LYNX) CONNECTOR ON HOSE.
 - POST-SIP: OPEN STEAM-TO (LYNX) CONNECTOR AND FILL BUFFER PALLET TANK.
5. CIP SUPPLY AND CS SUPPLIED THROUGH THE BUFFER FEED FROM TP-3701-3.

ips

Integrated Project Services
Engineering
Design/Build
Commissioning
Consulting

721 Arbor Way
Suite 100
BLUE BELL, PA 19422
PHONE: (610) 828-4090
FAX: (610) 828-3656
www.ipsdb.com

IPS Professional Engineers and Architects, LLC.

REVISION	DATE	DESCRIPTION	BY
A	28MAY2020	90% BD ISSUE	JLR
B	27NOV2020	DESIGN ISSUE	JLR
C	12FEB2021	90% DO ISSUE	RLO
D	05MAY2021	90% DO ISSUE	RLO
E	02SEP2021	CONSTRUCTION ISSUE	RLO
F	02DEC2021	REVISED CONSTRUCTION ISSUE	RLO

DRAFT
INTERIM P&ID REDLINES
03JUN2022

TESSLER
engenharia

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

REVISION HISTORY

1. REV. 1 - FLAG UPDATED TO CORRECT FLOWRATE

MARKUP LEGEND

- ADDITIONS
- DELETIONS
- NOTES

CONFIDENTIAL

THE INFORMATION CONTAINED HEREIN MAY NOT BE USED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION OF INTEGRATED PROJECT SERVICES.

CLIENT

Takeda

Hemobrás
Hemobrás é uma empresa de tecnologia de laboratório

BURITI EPCMV

DRAWING TITLE

**P&I DIAGRAM
DRUG SUBSTANCE
BUFFER DOCKING SMALL
& SMALL BUFFER HOLD**

ENGINEER JLR	ARCHITECT BJE	DESIGNER RBN	IPS PROJECT # ITD19439.01
DRAWN BY RBN	REVIEWED BY GJC	SCALE NONE	CADD FILE NAME 7B-Z-0-2-37

(XREF FILES)

REVISION
1
A
VERSION

DRAWING NUMBER

7B-Z-0-2-37

SEAL

THIS IS NOT A
SEALED DOCUMENT

DATE:

**ISSUED FOR
CONSTRUCTION**

PTP-3701-4 TRANSFER PANEL

TYPE: HYGIENIC, CUSTOM
DUTY: BUFFER FILL
SIZE: TBD
MOC: 316L SS
ASSEC, CIP SPOOL PIECE

PTQ-3737 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG

PTQ-3738 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG

PTQ-3735 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG

PTQ-3736 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG

PTQ-3725 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG

PTQ-3726 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG

PTQ-3727 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG

PTQ-3728 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG

PTQ-3729 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG

PTQ-3730 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG

PTQ-3731 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG

PTQ-3732 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG

PTQ-3733 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG

PTQ-3734 BUFFER PALLET TANK

TYPE: NON-JACKETED, PORTABLE
CAPACITY: 500L
SIZE: TBD
MOC: 304L SS / SILICONE BAG