

N:\2019\184598 - DESIGN\10 Project Drawings\Process\7B-B02\7B-Z-0-2-30.dwg 6/16/21 07:46:53 PM R\Ncooper

X-3501
FUME HOOD

TYPE: INTEGRAL BLOWER
CAPACITY: 4"
SIZE: 48"W x 32"D x 60" H
MOC: 304 SS
ELEC: SA 1PH60HZ/220V

BL-3501
SOLVENT INACT. BALANCE

TYPE: BENCH TOP
CAPACITY: 5 KG
MANUF/MODEL: TBD / TBD
MOC: 304 SS
PWER: 1 VA, 1/60/380 DC

MX-3501
SOLVENT INACT. STIR BAR

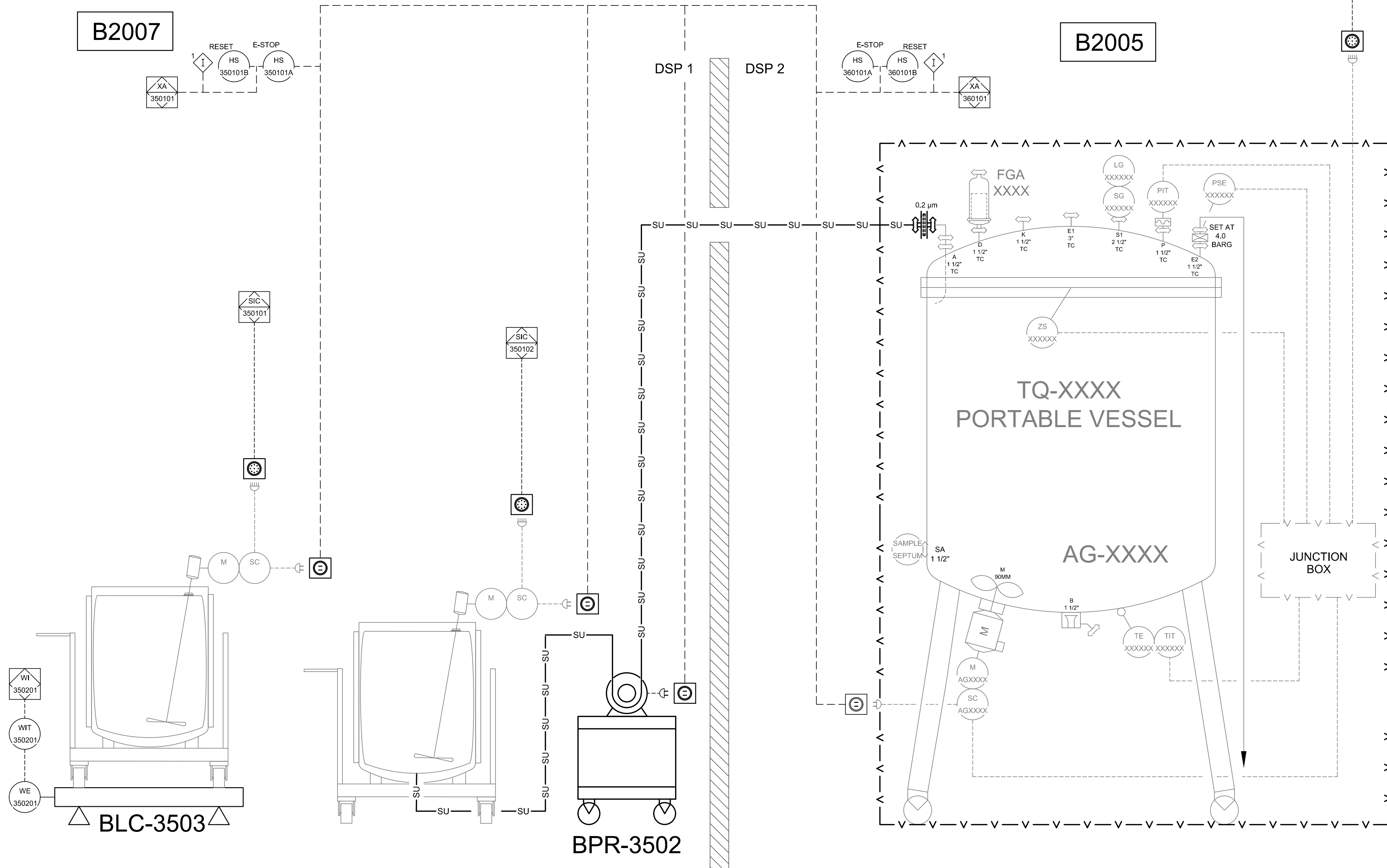
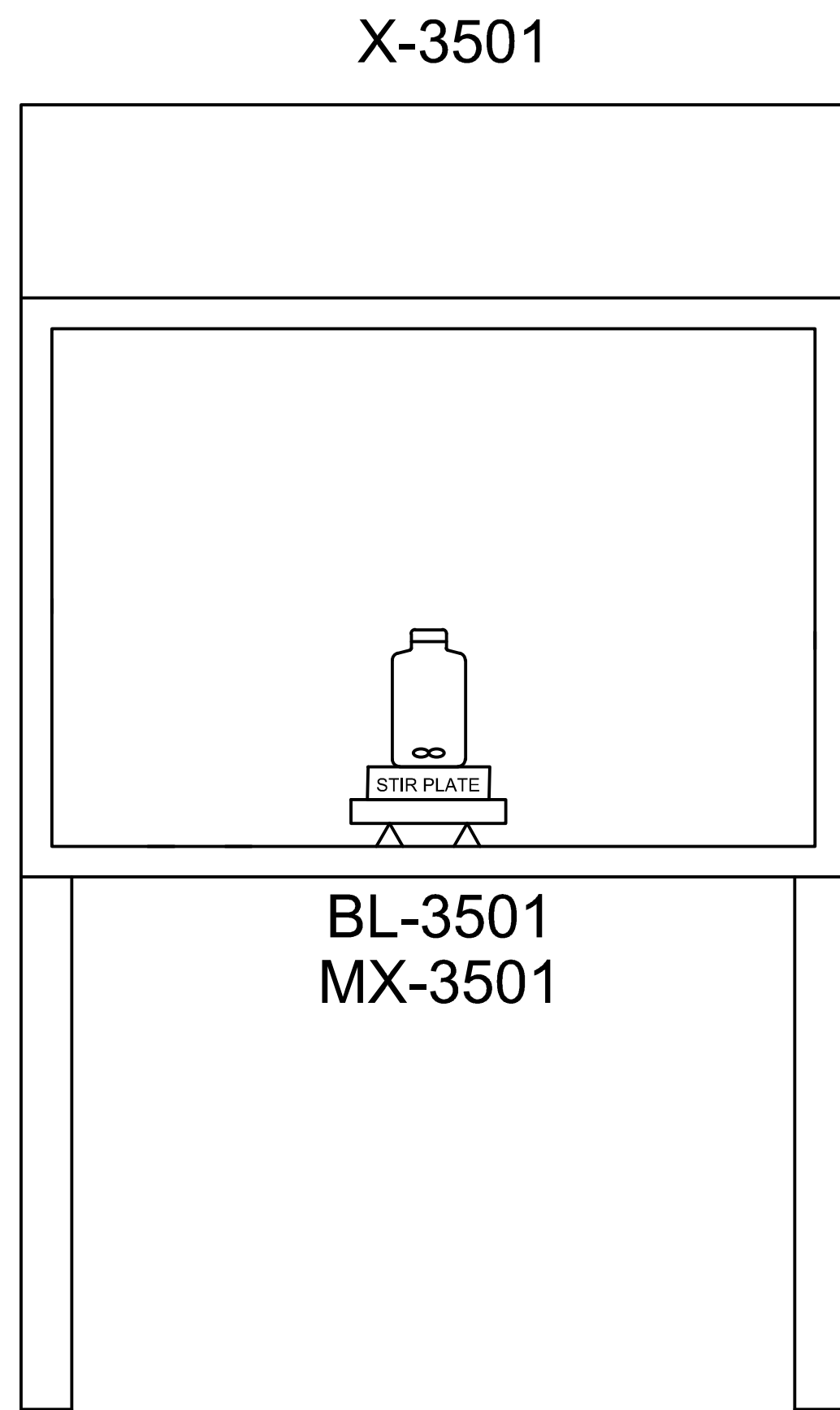
TYPE: MAGNETIC
CAPACITY: TBD
SIZE: TBD
MOC: 304 SS

BLC-3503
SOLVENT INACT. FLOOR SCALE

TYPE: PORTABLE FLOOR SCALE
CAPACITY: 250 KG
SIZE: 750mm X 750mm
MOC: 304 SS

BPR-3502
TRANSFER PUMP

TYPE: PERISTALTIC
CAPACITY: UP TO 4 LPM
MANUF/MODEL: WATSON-MARLOW / 530
MOC PUMP/TUBING: 316 SS ROLLERS / SILICONE
PWER: 135 VA, 1/60/220 VAC, NEMA 4X CASING



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 PDS UNLESS OTHERWISE NOTED.
4. LAST LINE NUMBER: NONE
5. LINE NUMBER NOT USED: NONE
6. LAST AUTO VALVE NUMBER: NONE
7. AUTO VALVE NUMBERS NOT USED: NONE
8. LAST MANUAL VALVE NUMBER: NONE
9. MANUAL VALVE NUMBERS NOT USED: NONE

SHEET NOTES

1. NONE.

INTERLOCKS

1. SAFETY INTERLOCK - E-STOP ACTIVATION REMOVES AIR TO ALL ACTUATED VALVES AND DE-ENERGIZES ALL MOTORS (HARDWIRED).

ips

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REVISION	DATE	DESCRIPTION	BY
A	28AUG2020	90% BD ISSUE	RBN
B	27NOV2020	DESIGN ISSUE	RBN
C	18DEC2020	DESIGN ISSUE	RBN
D	17FEB2021	50% DD ISSUE	RLD
E	16JUL2021	90% DD ISSUE	RLD
F	16AUG2021	CONSTRUCTION ISSUE	RLD

TESSLER
engenharia

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

REVISION HISTORY

1. REV. 0 - NONE.

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CLIENT

Takeda

Hemobrás
Empresa Saneamento e Resíduos Sólidos do Estado de São Paulo

BURITI EPCMV

DRAWING TITLE

**P&I DIAGRAM
DRUG SUBSTANCE
SOLVENT INACTIVATION**

ENGINEER	ARCHITECT	DESIGNER	IPS PROJECT #
JJR	JBE	RBN	ITD19439.01
DRAWN BY	REVIEWED BY	SCALE	CADD FILE NAME
RBN	GJC	NONE	7B-Z-0-2-30

XREF FILE(S)

DRAWING NUMBER

7B-Z-0-2-30

Robert L. De Souza Jr.
**ISSUED FOR
CONSTRUCTION**

SEAL

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DATE: _____