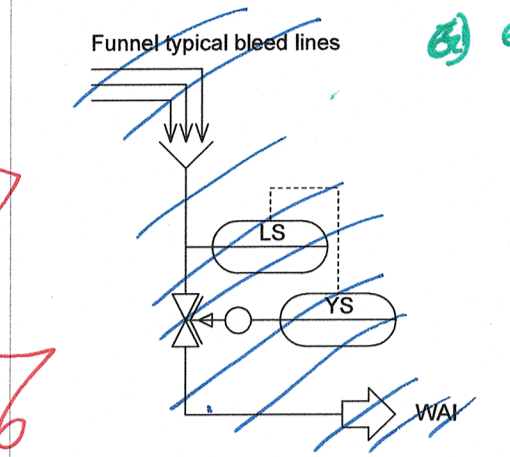


B_10_2027, class E

Notes:

1) Double block and bleed principle applied at the interfaces between CIP and product, media / buffer, clean utilities. Only double block applied for lines which would lose their sterile status by bleeding.

2) Number and location of funnels to be defined in next project phase based on 3D design.

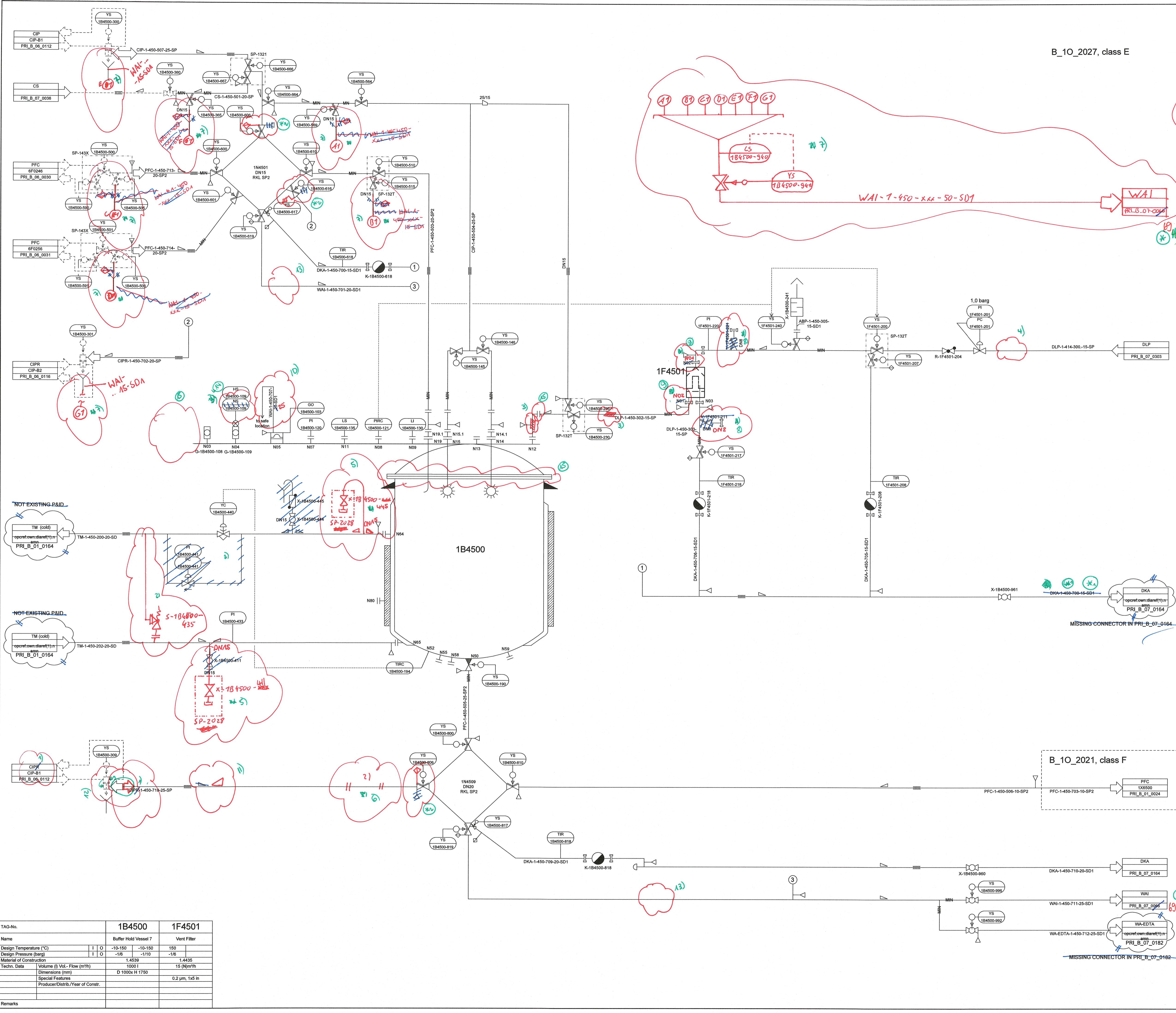


3) spool piece to connect a mobile derouging skid

Master
07.06.17 NST

- 1) 12.06.17 NST
- 2) 11.07.17 THRU
- 3) 13.7.17 NST
- 4) 12.06.17 NST
- 5) 11.07.17 NST
- 6) 11.07.17 NST
- 7) 11.07.17 NST
- 8) 13.07.17 NST
- 9) 13.07.17 NST
- 10) 03.08.17 NST
- 11) 03.08.17 NST
- 12) 3.8.17 NST
- 13) 12.06.17 NST
- 14) 02.08.17 NST
- 15) 3.8.17 NST

- 12.06.17 NST
- 03.08.17 NST



B_10_2021, class F

TAG-No.	1B4500	1F4501
Name	Buffer Hold Vessel 7	Vent Filter
Design Temperature (°C)	-10-150	-10-150
Design Pressure (bar)	-1/0	-1/0
Material of Construction	1.4539	1.4435
Techn. Data	Volume (l) Vol.- Flow (m³/h)	1000 l 15 (Nm³/h)
Dimensions (mm)	D 1000x H 1750	0.2 µm, 1x5 in
Special Features		
Producer/Distrib./Year of Constr.		
Remarks		

Client: CSL Behring
Project No: 18004

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General contractor: M+W GROUP
Project No: 230499

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Project No: 230499

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RELEASE NAME & DATE: PFC-1-450-703-10-SP2 (1.2.4.3)
DATE OF IMPRESSION: 07.06.17

CSL Behring AG
RCF Project Lengnau

Drawn: BVP 07.06.17
Checked: PRL_B_01_0076

03 Update after AFD 02.08.17 ERU
04 Update - substitution by AFD 02.08.17 JFD
05 Update - substitution by AFD 02.08.17 JFD
06 Update - substitution by AFD 02.08.17 JFD
07 Update - substitution by AFD 02.08.17 JFD
08 Update - substitution by AFD 02.08.17 JFD
09 Update - substitution by AFD 02.08.17 JFD
10 Update - substitution by AFD 02.08.17 JFD
11 Update - substitution by AFD 02.08.17 JFD
12 Update - substitution by AFD 02.08.17 JFD
13 Update - substitution by AFD 02.08.17 JFD
14 Update - substitution by AFD 02.08.17 JFD
15 Update - substitution by AFD 02.08.17 JFD