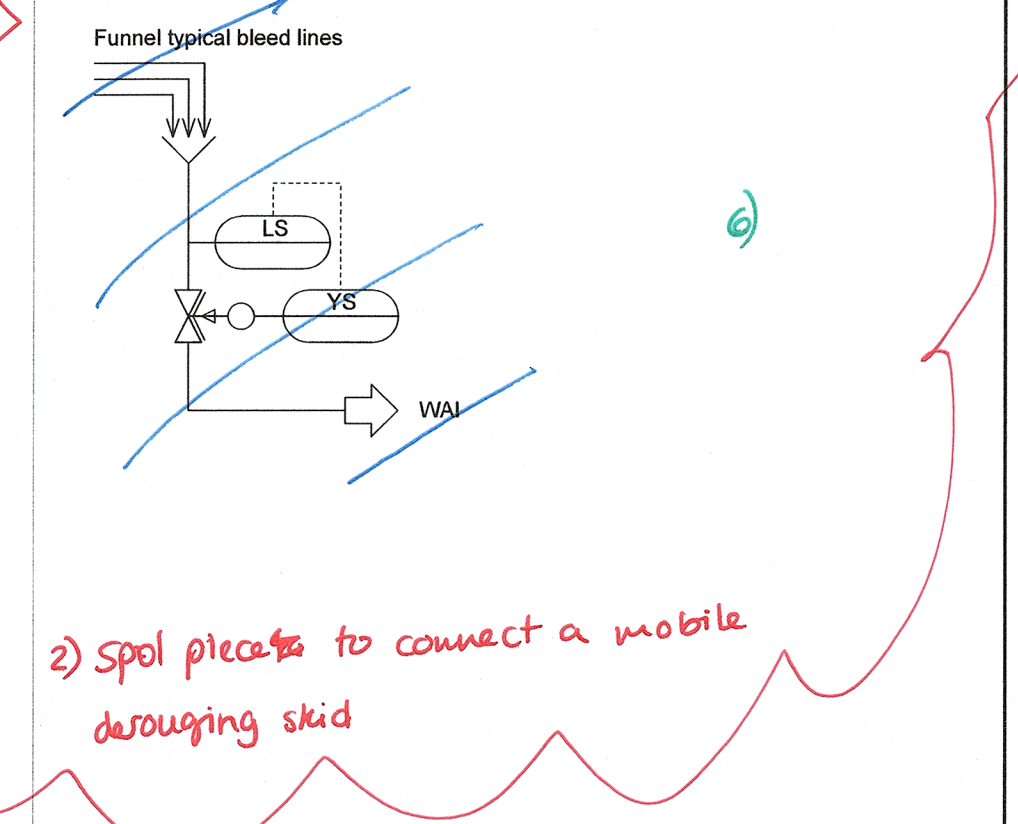


Notes:

- 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.



Master
07.06.17 NST

- 1) 12.06.17 / NST
- 2) 11.07.17 / NST
- 3) 13.07.17 NST
- 4) 12.6.17 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) 3.8.17 NST
- 11) 3.8.17 NST
- 12) 3.8.17 NST
- 13) 12.6.17 NST
- 14) 2.8.17 NST
- 15) 3.8.17 NST

12.06.17 NST

TAG-No.	1B4100	1F4101
Name	Buffer Hold Vessel 1	Vent Filter
Design Temperature (°C)	-10-150 / -10-150 / 150	
Design Pressure (bar(g))	-1/6	-1/6
Material of Construction	1.4435	1.4435
Techn. Data	Volume (l) Vol.-Flow (m³/h)	1000 l / 15 (Nm³/h)
Dimensions (mm)	D 1000x H 1750	
Special Features	0.2 µm, 1x5 in	
Producer/Distrib./Year of Constr.		
Remarks		

Client Project No.: 19304	CSL Behring Biologics for Life	CSL Behring Recombinant Facility AG Wankdorfstrasse 10 CH-3000 Bern 22, Switzerland
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General contractor Project No.: 210495	M+W GROUP	M+W Central Europe GmbH Business Unit Life Sciences and Process Facilities Lottnerstrasse, 30 70499, Stuttgart, Germany Telefon: +49 711 8804-1800 Telefax: +49 711 8804-1865
Design Partner Project No.: 210495	M+W GROUP	M+W Central Europe GmbH Business Unit Life Sciences and Process Facilities Lottnerstrasse, 30 70499, Stuttgart, Germany Telefon: +49 711 8804-1800 Telefax: +49 711 8804-1865
ISSUING WARE & DATE: ARCHIVED PLAN DRAW CL 1 & 3: DATE OF APPROBATION:	CSL Behring AG RCF Project Lengnau	Project No.: PRI_B_01_0070 Drawing No.: 1B4100 Scale: 1:100 Date: 02.06.17