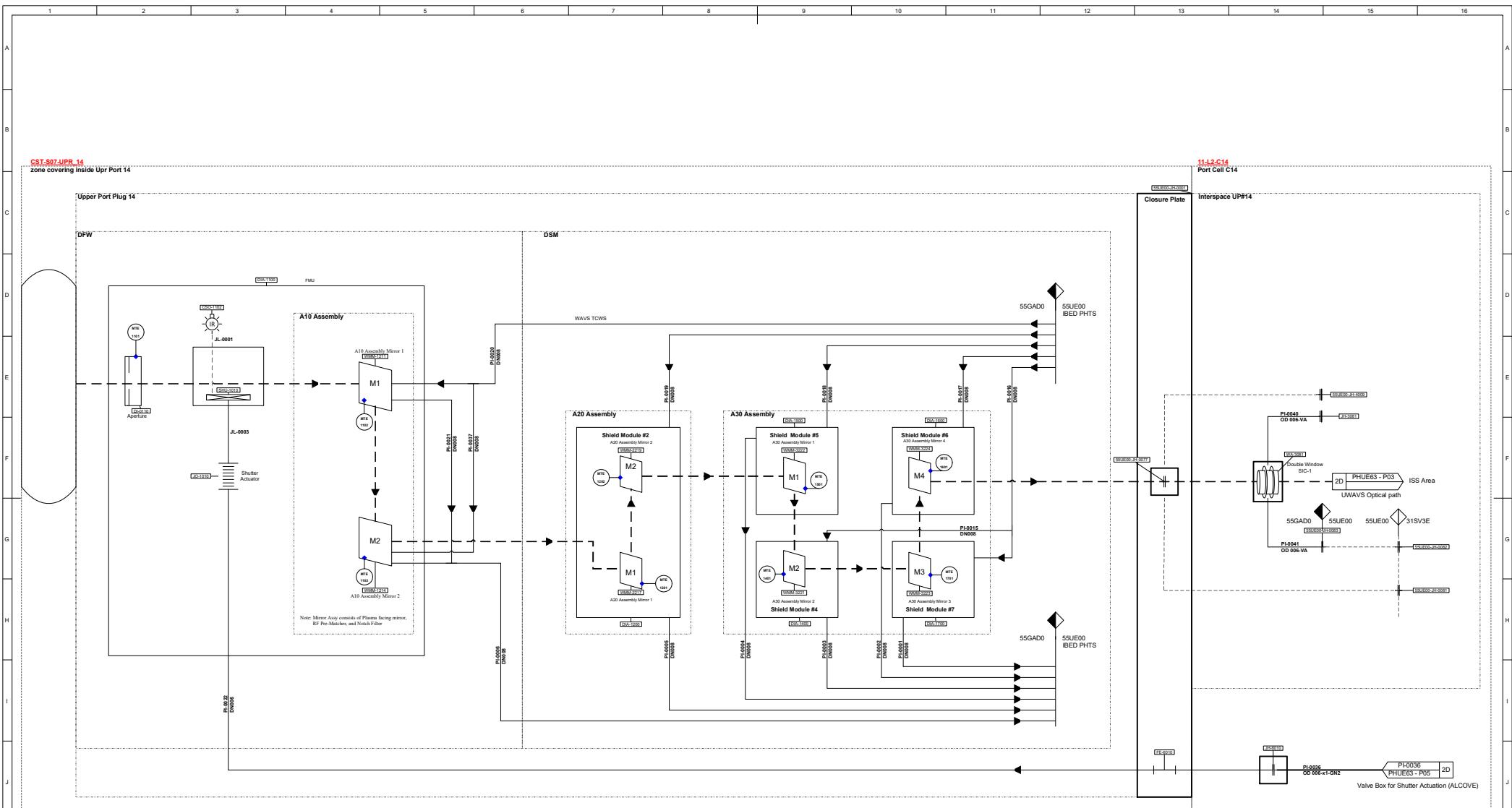


	1	2	3	4	5	6	7	8
A	IO	US	REVISION HISTORY		CUI//SP-EXPT	NOTES: Symbols Legend : ITER_D_3ZSVRS - ITER Symbol Legend Specification for Fluid Diagrams : PFDS and P&IDs (https://user.iter.org/?uid=3ZSVRS)		
	INDEX	DATE	DESIGNER	DESCRIPTION		Key to codes:		
1.0	1.0	18/05/2017	L. KONKEL	ISSUED FOR INFORMATION		ATC = Actuator for VC Regulating Valve		A
2.0	2.0	22/08/2024	A. ARNOLD	REVISED FOR PDR		ATG = Actuator for VG General On/Off Valve		
2.1	2.1	28/02/2025	S.JADHAV	Update of In-Vess and Ex-Vess layout for PDR design.		CMO = Motion Controller		
B						DI = Diaphragm (apart for measurement)		B
C						Flow restrictor/Nozzle		C
D						DIA = Diagnostic Assembly		D
E						EFT = Electrical feed through		
F						EIB = Electrical isolation break for fluid		F
PRELIMINARY FOR INFORMATION NOT FOR CONSTRUCTION								
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 US ITER PROJECT OFFICE OAK RIDGE NATIONAL LABORATORY MANAGED BY UT-BATTELLE FOR US DOE WWW.USITER.ORG								
DESIGN AGENCY: USDA CREATED BY: A.ARNOLD TECHNICAL REFERENCE: M. SMITH APPROVER: R. BATHIA DATE: 28/02/2025								
DIAGRAM TITLE: WIDE ANGLE VIEWING SYSTEM (VIS-IR) (PID) UPPER PORT #14 (WAVS) ITER_55GAD0_PID_001.vsd								
PBS TITLE: Vis/IR Up#D								
DOCUMENT TYPE: PID SAFETY CLASS: SIC-1 QUALITY CLASS: QC1 DATE OF ISSUE: 28/02/2025 DESIGN AGENCY DOCUMENT STATUS: In work Sheet Size: A3								
PBS NODE: 55GAD0 IO REFERENCE: PHUE63 EXTERNAL REFERENCE: 80435c37 VERSION: 2.1 Sheet N°: 1/5								

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SHEET TITLE: Port Plug and Closure Plate	
DRAWING NUMBER: WIDE ANGLE VIEWING SYSTEM (VIS-IR) (PID)	
UPPER PORT #14 (WAVS)	
ITER_55GAD0_PID_001.vsd	
PBS NODE: 55GAD0	DOCUMENT TYPE: DATE OF ISSUE: 28/02/2025
DESIGN AGENCY DOCUMENT STATUS: In Work	Sheet Size: A1
10 REFERENCE: PHUE63	EXTERNAL REFERENCE: 80435c37
	VERSION: 2.1
	GIVEN BY: 2/5

1112-C14
Port Cell C14

A

Interspace UP#14

B

C

D

E

F

G

H

A

B

C

D

E

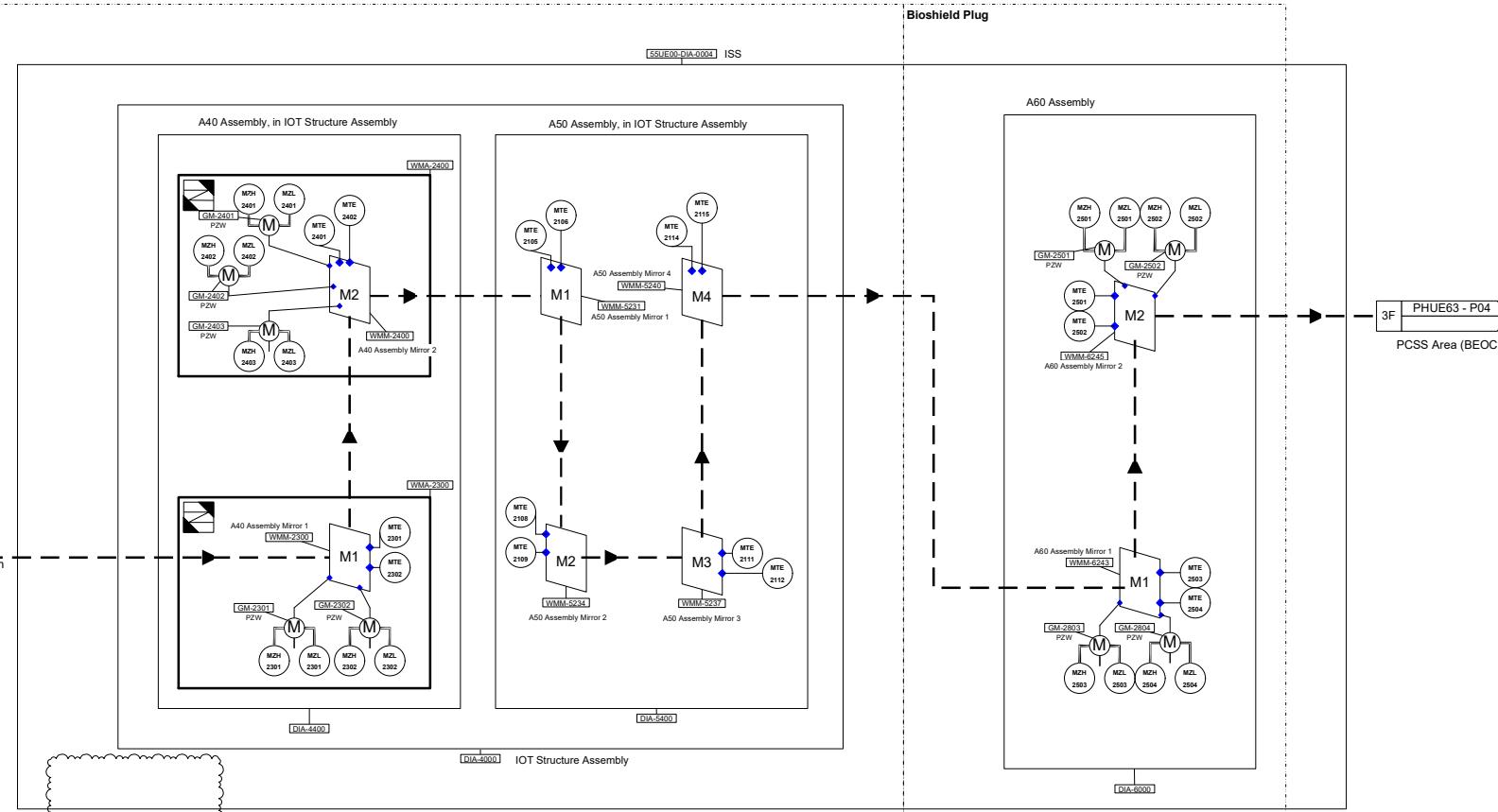
F

G

H

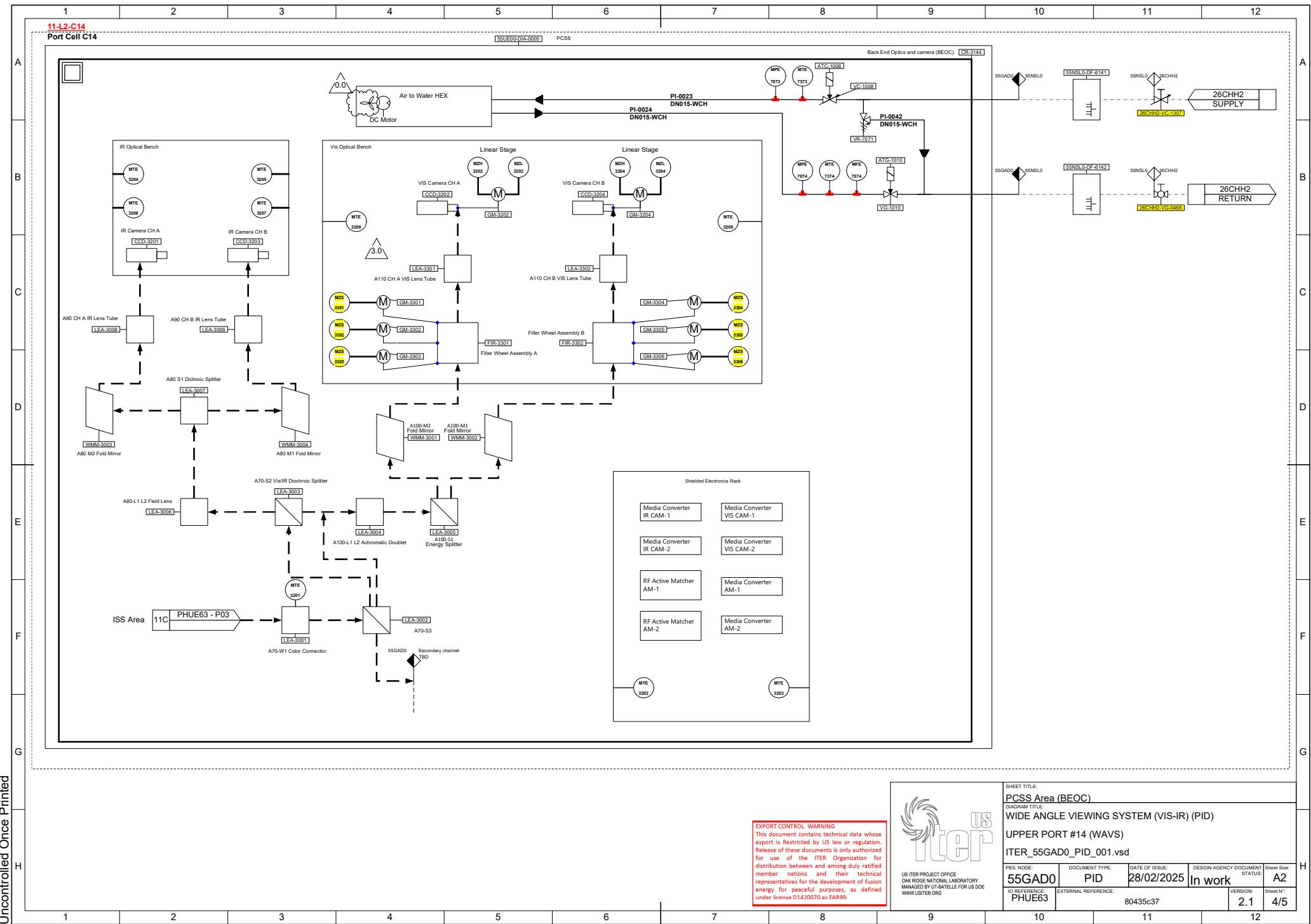
Port Plug and Closure Plate

15F PHUE63 - P02 UWAVS Optical Path



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ITER		ISS Area		
		DIAGRAM TITLE: WIDE ANGLE VIEWING SYSTEM (VIS-IR) PID		
		UPPER PORT #14 (WAVS)		
55GAD0		PID	DATE OF ISSUE: 28/02/2025	DESIGN AGENCY DOCUMENT STATUS: In work
PBS NODE:	DOCUMENT TYPE:	DATE OF ISSUE:	DESIGN AGENCY DOCUMENT STATUS:	Sheet Size: A2
PHUE63		EXTERNAL REFERENCE: 80435c37		VERSION: 2.1
IO REFERENCE:		EXTERNAL REFERENCE:		Sheet N: 3/5



A

Port Cell C14

— 1 —

B

1

Shutter

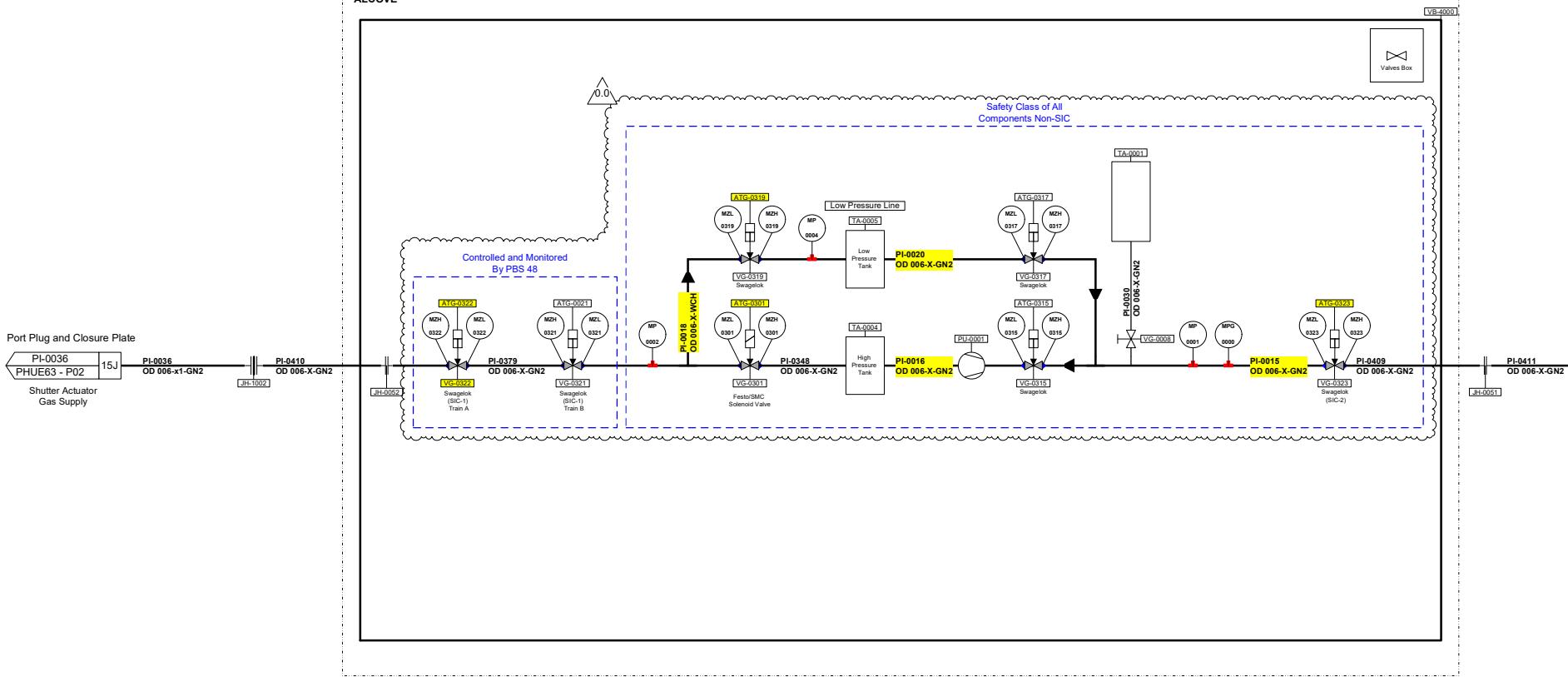
E

1

— 1 —

1

ALCOVY



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SHEET TITLE:

Valve Box for Shutter Actuation (ALCOVE)

DIAGRAM TITLE:

UPPER PORT #14 (WAVS)

ITER_55GAD0_PID_001.vsd			
PBS NODE:	DOCUMENT TYPE:	DATE OF ISSUE:	DESGIN AGENCY D
55GAD0	PID	28/02/2025	In work

IO REFERENCE: PHUE63 EXTERNAL REFERENCE: 80435c37 VER: