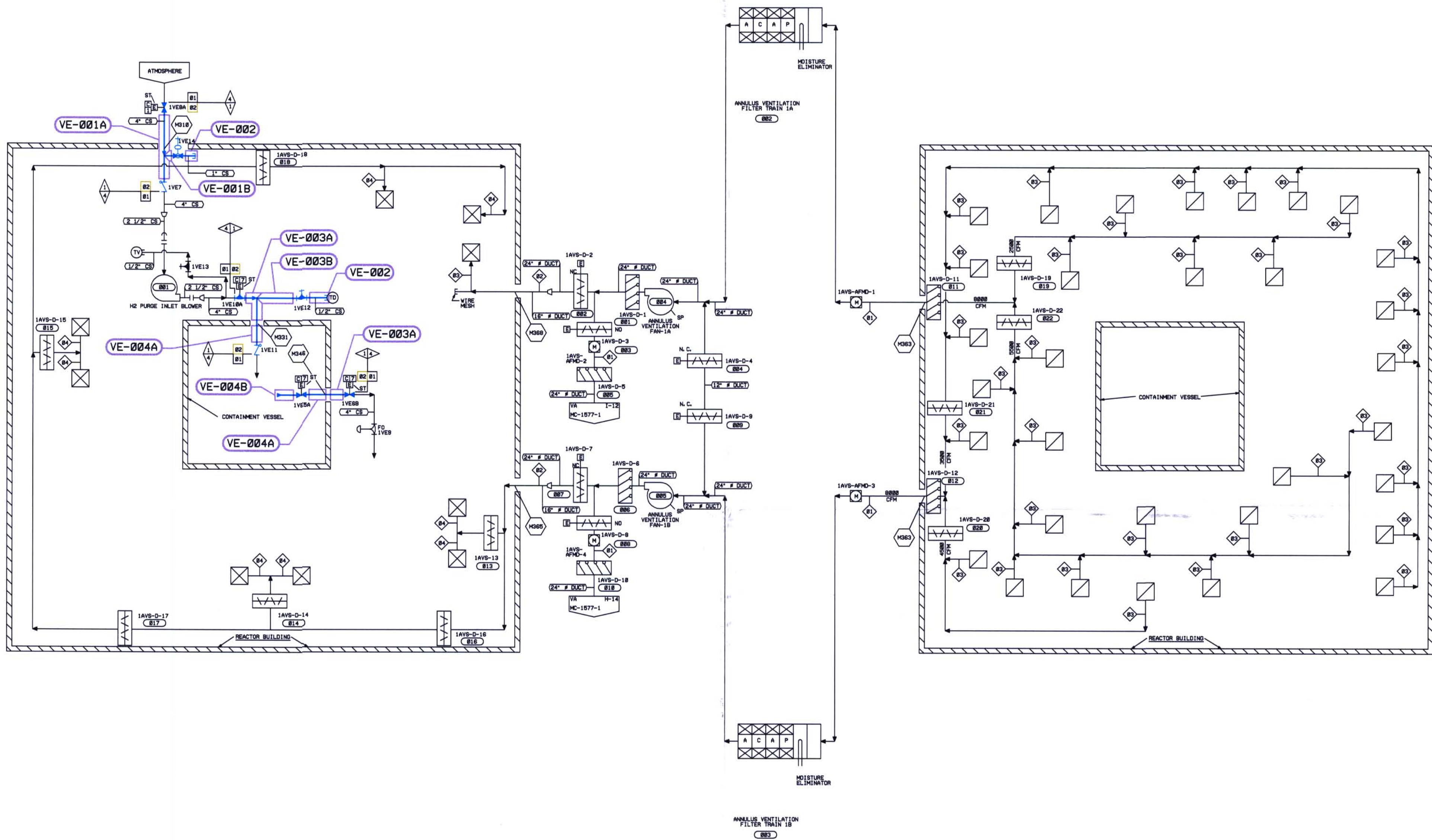




NOTES

1. THE HYDROGEN PURGE SUBSYSTEM IS INSTALLED AS PIPE BUT FUNCTIONS AS DUKE CLASS H, SEISMIC CATEGORY II, NON-SAFETY RELATED DUCT Q.A. 4, EXCEPT CONTAINMENT PENETRATION WHICH IS Q.A. 1 CLASS B.
2. THE NON HYDROGEN PURGE PORTION OF THIS SYSTEM IS Q.A. 1 AND SAFETY CLASS 3, SEISMIC CATEGORY I, DUKE CLASS H SAFETY RELATED HVAC SYSTEM. SEE DUKE NUCLEAR GUIDE 1.26 FOR DEFINITION OF DUKE CLASS H DUCT CLASSIFICATIONS.
3. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS IS EXEMPT PER IWC-1222(a) VE02.

DESIGN PARAMETERS				
LINE LISTING	PRESSURE	TEMPERATURE	CLASS	MATERIAL
01	15 PSIG	250	H	CS (SEE NOTE 1)
02	15 PSIG	250	B	CS

NORMAL OPERATING COND.				
1.	8000 CFM	14.7 PSIA	100°F	
2.	8000 CFM	-3.0 IN. W.G.	100°F	
3.	8000 CFM	-3.0 IN. W.G.	100°F	
4.	8000 CFM	-3.0 IN. W.G.	100°F	

DESIGN COND.				
1.	8000 CFM	14.7 PSIA	100°F	
2.	8000 CFM	14.7 PSIA	100°F	
3.	8000 CFM	14.7 PSIA	100°F	
4.	10000 CFM	14.7 PSIA	100°F	

THIS DRAWING IS FOR INSERVICE INSPECTION ONLY AND SHALL NOT BE USED FOR OTHER PURPOSES SUCH AS MAINTENANCE, MODIFICATION, OR REPAIRS. THIS DRAWING SHALL BE REVISED WHEN AS-BUILT CHANGES AFFECT THE INSERVICE INSPECTION BOUNDARIES AND DETAILS OF THE COMPONENTS/SYSTEMS SHOWN.

LEGEND

- ISI CLASS 1
- ISI CLASS 2
- ISI CLASS 3
- ISI EXEMPT
- NON-ISI

QA CONDITION 4
SEISMIC CATEGORY II

QA CONDITION 1
NUCLEAR SAFETY RELATED