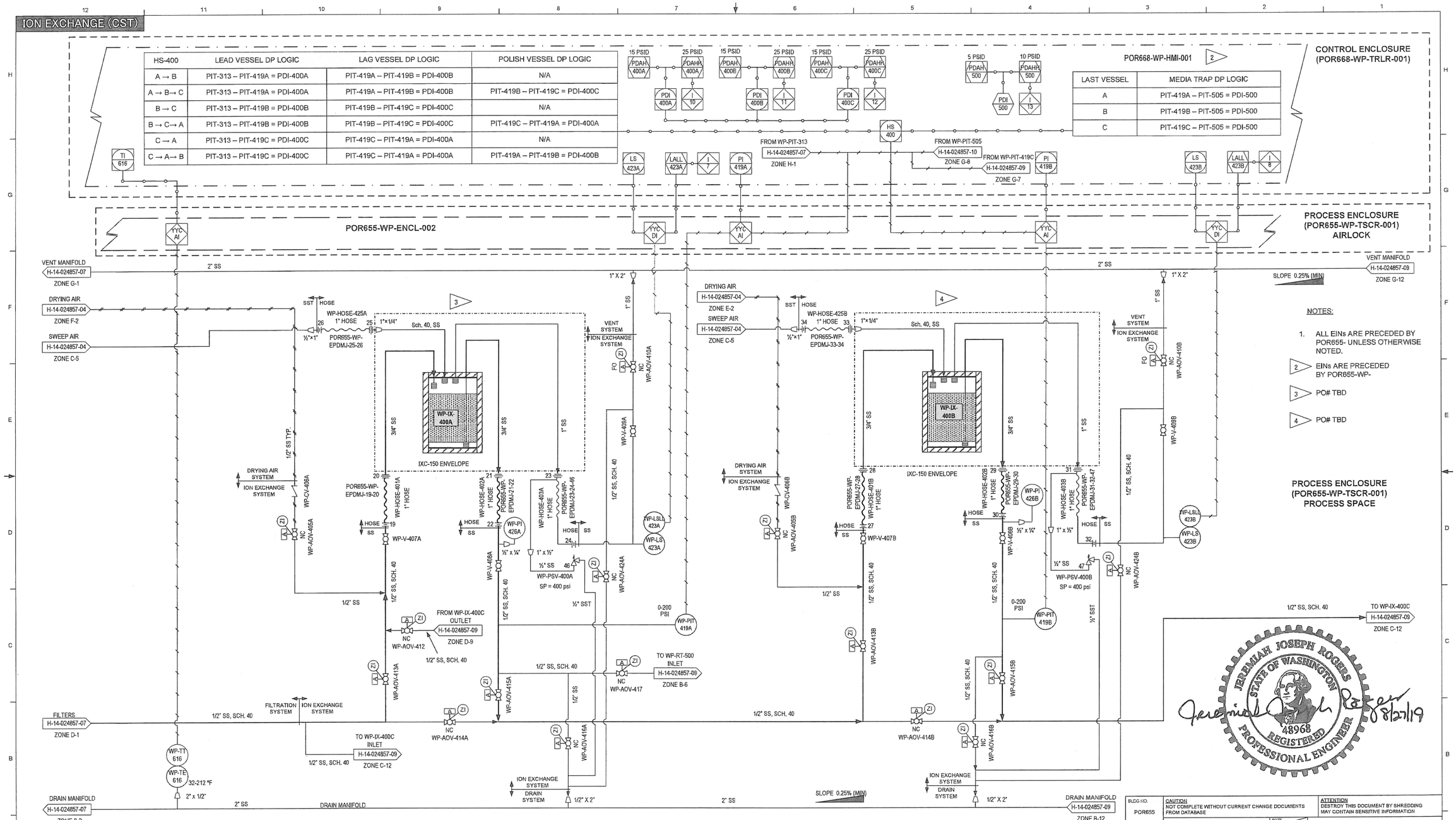
ION EXCHANGE (CST)

HS-400	LEAD VESSEL DP LOGIC	LAG VESSEL DP LOGIC	POLISH VESSEL DP LOGIC
A → B	PIT-313 – PIT-419A = PDI-400A	PIT-419A – PIT-419B = PDI-400B	N/A
A → B→ C	PIT-313 – PIT-419A = PDI-400A	PIT-419A – PIT-419B = PDI-400B	PIT-419B – PIT-419C = PDI-400C
B → C	PIT-313 – PIT-419B = PDI-400B	PIT-419B – PIT-419C = PDI-400C	N/A
B → C→ A	PIT-313 – PIT-419B = PDI-400B	PIT-419B – PIT-419C = PDI-400C	PIT-419C – PIT-419A = PDI-400A
C → A	PIT-313 – PIT-419C = PDI-400C	PIT-419C – PIT-419A = PDI-400A	N/A
C → A→ B	PIT-313 – PIT-419C = PDI-400C	PIT-419C – PIT-419A = PDI-400A	PIT-419A – PIT-419B = PDI-400B

POR668-WP-HMI-001 (2)

LAST VESSEL	MEDIA TRAP DP LOGIC
A	PIT-419A – PIT-505 = PDI-500
B	PIT-419B – PIT-505 = PDI-500
C	PIT-419C – PIT-505 = PDI-500



NOTES:

1. ALL EINs ARE PRECEDED BY POR655- UNLESS OTHERWISE NOTED.

(2) EINs ARE PRECEDED BY POR655-WP-

(3) PO# TBD

(4) PO# TBD

JEREMIAH JOSEPH ROGERS
STATE OF WASHINGTON
48968
REGISTERED
PROFESSIONAL ENGINEER
8/27/19

REV	DESCRIPTION	ORIG	CHK	APVD	IDV	DATE
3	Open 90% Comments Incorporated	JS	RW	JR		8/27/19

DWG NUMBER	TITLE
H-14-111241	Block Flow Diagram
H-14-111242	Process Flow Diagram

REF NUMBER	TITLE

REFERENCES

AVANTech INCORPORATED

AVANTECH PROJECT NO.: 1813

DRAWING TRACEABILITY LIST

NEXT USED ON

REVISIONS

BLDG NO. POR655

CAUTION: NOT COMPLETE WITHOUT CURRENT CHANGE DOCUMENTS FROM DATABASE

ATTENTION: DESTROY THIS DOCUMENT BY SHREDDING MAY CONTAIN SENSITIVE INFORMATION

NAME	DATE	COMPANY
DRAWN BY	N/A	AVT
DRAFTING APPROVAL	N/A	AVT
DISCIPLINE ENGINEER	N/A	AVT
ENGINEER		

RIDS/ NO. 7004

US DEPARTMENT OF ENERGY
Office of River Protection

TSCR P&ID
IXC POSITIONS A & B

SIZE	DRAWING NUMBER	SHEET	REV
D	H-14-024857	8	3

SCALE NONE