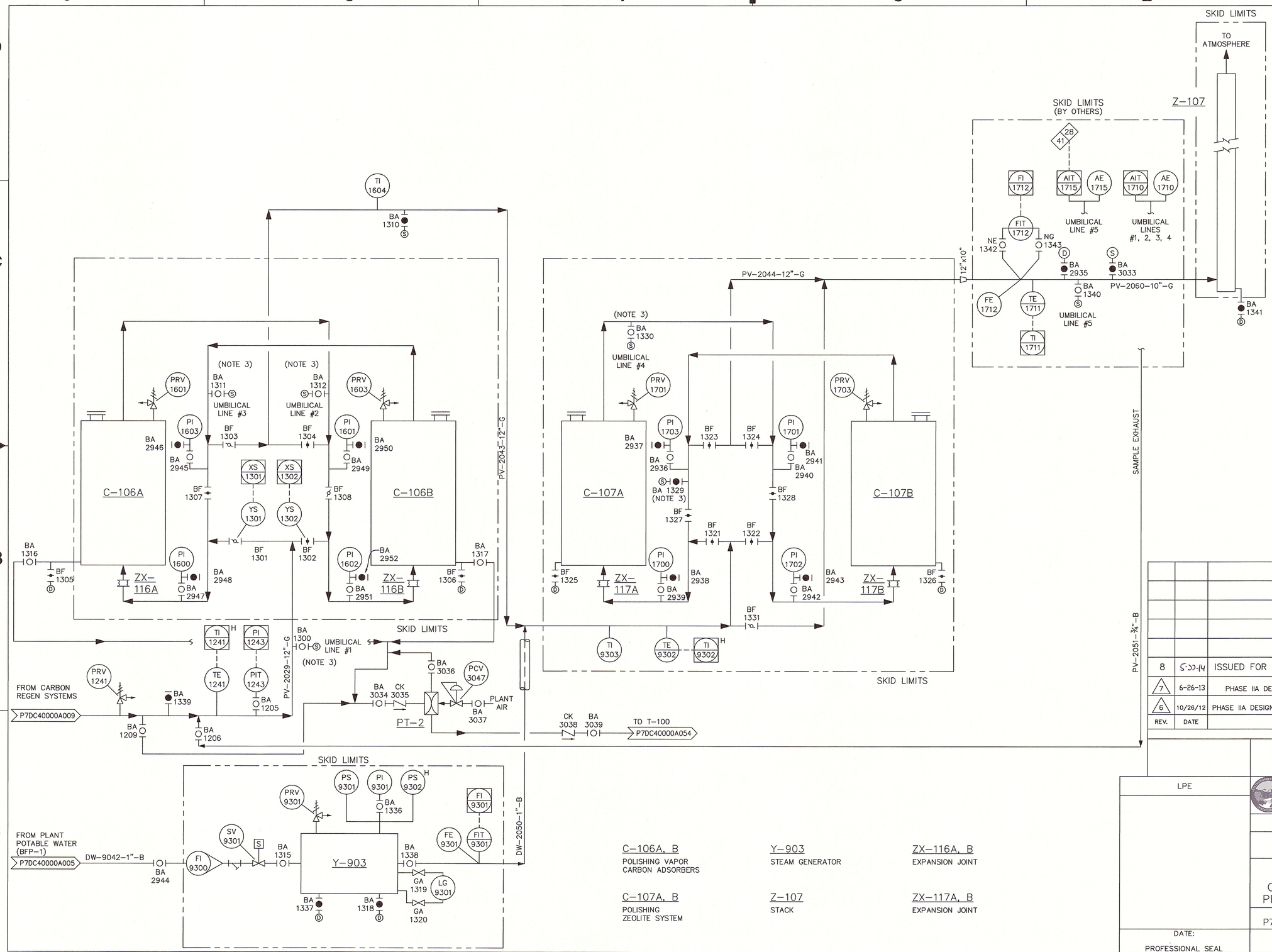

NOTES:

1. AIT-1710 AND AIT-1715 SAMPLE LOCATIONS, CONNECTED BY SAMPLE UMBILICAL LINES TO ANALYZER.

INTERLOCKS:

28 HIGH-HIGH TCE/VOCs CONCENTRATION IN THE VAPOR WILL INITIATE SHUT DOWN OF THE VAPOR AND GROUNDWATER SYSTEMS, ACTIVATE ALARM IN CONTROL PLC AND NOTIFY TELEMANAGER.

41 NO CHANGE IN AIT-1710 READINGS AT STACK AFTER 2.5 MINUTES TIME PERIOD SHUTS DOWN THE VAPOR SYSTEM.

INSTRUMENT LEGEND:

AE INSTRUMENT MOUNTED LOCALLY OR ON SKID CONTROL PANEL

TAH INSTRUMENT MOUNTED ON LOCAL SKID CONTROL PANEL OR SKID PLC HMI

AI INSTRUMENT DISPLAY ON HMI OF CENTRAL PLC

REV.	DATE	DESCRIPTION	DRAWN BY	DRAFT CHK	PROJ ENGR	LEAD ENGR	CONF CTRL/ NUCL SF'TY	FAC MGR	EA'TS MGR
8	5-22-14	ISSUED FOR AS-BUILT, PHASE 2A	KTW	NJB	DJH	JTP	SJD	JRW	PAC
7	6-26-13	PHASE IIA DESIGN-ISSUED FOR AS-BUILT	KTW	NJB	DJH	JTP	SJD	JRW	PAC
6	10/26/12	PHASE IIA DESIGN-CERTIFIED FOR CONSTRUCTION	NJB	TJH	TJM	BCK	SJD	JRW	RES

DRAWING REVISIONS

U.S. DEPARTMENT OF ENERGY
PADUCAH, PORTSMOUTH PROJECT OPERATIONS,
PADUCAH GASEOUS DIFFUSION PLANT

LPE

LATA Environmental Services of Kentucky, LLC managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC30-10CC40020 Paducah, Kentucky

DOE CONTRACT NO. DE-AC30-10CC40020

PROJECT NAME:
C-400 REMEDIATION DESIGN

TITLE:
VAPOR TREATMENT SYSTEMS
CARBON AND ZEOLITE POLISHING ADSORBERS
PROCESS PIPING & INSTRUMENTATION DIAGRAM

EDCS CAD FILENAME	BUILDING	PLANT	CLASS
P7DC40000A010 REV8.DWG	C-400	PDGP	U

DATE:	SCALE:	DRAWING NUMBER	REV
PROFESSIONAL SEAL	N/A	P7DC40000A010	8

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