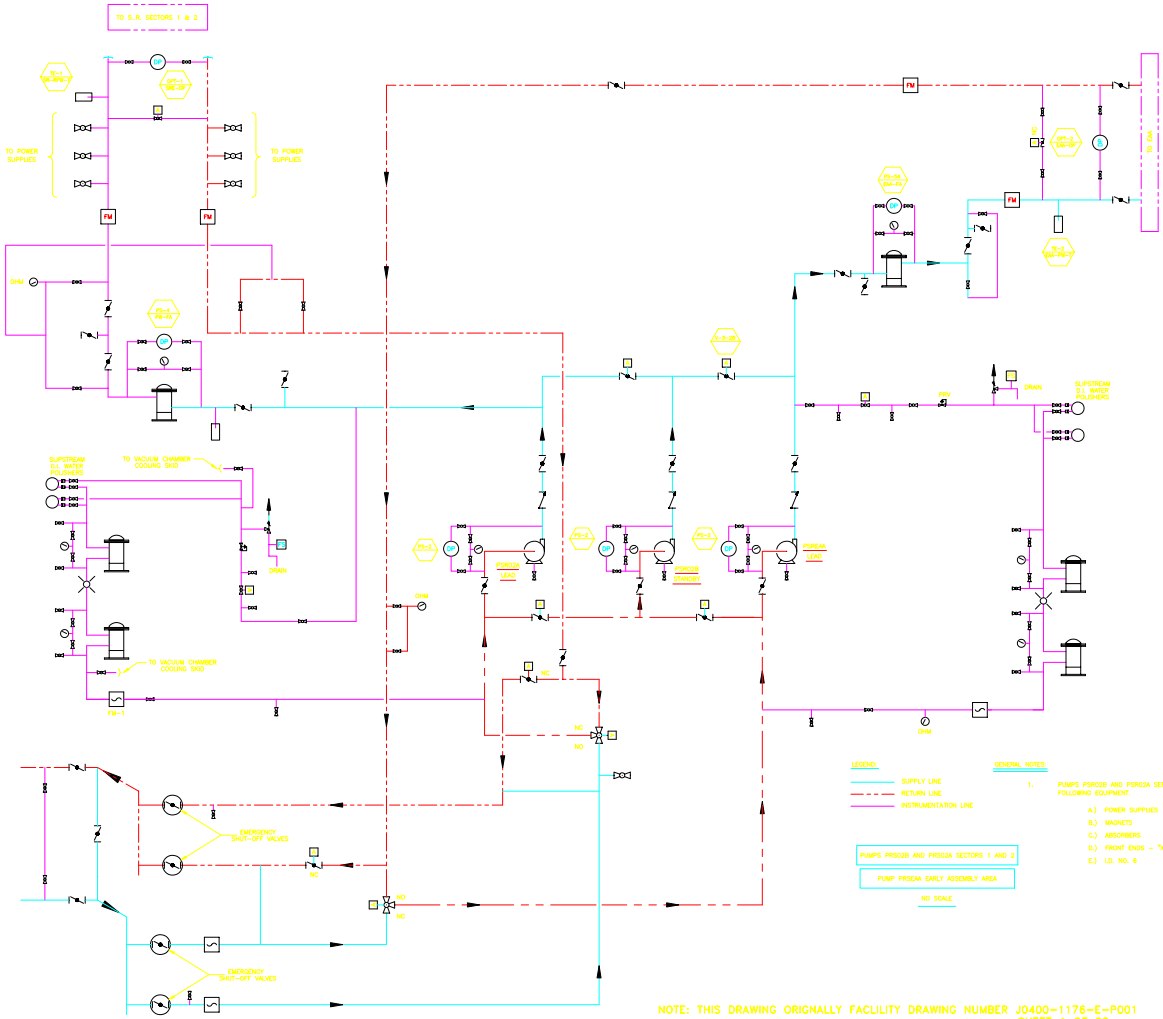
(D)	PLOT SCALE: 1=1.0	DWG. SCALE: 1.0	A2402001

REVISIONS					
ZONE	REV	DESCRIPTION	BY	APPROVED	DATE
	01	PUMP NAMES CHANGED PER DCN 960710-03	HPC		



LEGEND:

- SUPPLY LINE
- RETURN LINE
- INSTRUMENTATION LINE

GENERAL NOTES:

1. PUMPS PSR02B AND PSR02A SERVE THE FOLLOWING EQUIPMENT.
   - A.) POWER SUPPLIES
   - B.) MAGNETS
   - C.) ABSORBERS
   - D.) FRONT ENDS – "XFD"
   - E.) LD, NO. 6

PUMPS PSR02B AND PSR02A SECTORS 1 AND 2

PUMP PRSEAA EARLY ASSEMBLY AREA

NO SCALE

NOTE: THIS DRAWING ORIGNALLY FACLILITY DRAWING NUMBER J0400-1176-E-P001 SHEET 1 OF 20

JOHNSON CONTROLS TAG

NC – NORMALLY CLOSED
NO – NORMALLY OPEN

PUMP, FILTER, UV LIGHT, BUTTERFLY VALVE, BALL VALVE, CHECK VALVE, PRESSURE RELIEF VALVE, PRESS. REDUCG REG., BALL CONTROL VALVE, 3-WAY CONTROL VALVE, BUTTERFLY CONTROL VALVE, OHM RESISTIVITY METER, SENSOR – DIFF. PRESS., PRESSURE GAGE, FLOW SWITCH, FLOW METER, ULTRASONIC FLOWMETER, HOSE CONNECTION, TEMPERATURE SENSOR, FLEX CONNECTOR, THERMOMETER

ITEM	DRAWING / PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
		PARTS LIST / BILL of MATERIALS		

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
DECIMALS: X ±.1, XX ±.01, XXX ±.005
ANGULAR: ±.05°, ±.25'
SURFACE ROUGHNESS: 32
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LASSE ANSI B46.1
EMBROCHMES & TELEMARKS IN ACCORDANCE WITH LASSE ANSI Y14.5

MATERIAL: SEE PART LIST
ELECTRONIC FILE NAME: A2402001

DRAWN BY: HP. OZERWINSKI	DATE: 01/10/96	
CHECKED BY: E.SWETIN	DATE: 2/22/96	
DESIGNED BY:	DATE:	
RESPONSIBLE ENGINEER: E.SWETIN	DATE: 2/22/96	
CHIEF ENGINEER: S.SHARMA	DATE: 2/23/96	
APPROVED BY:	DATE:	
APPROVED BY:	DATE:	
APPROVED BY:	DATE:	

THIS DRAWING IS THE PROPERTY OF
ARGONNE NATIONAL LABORATORY
ADVANCED PHOTON SOURCE

TITLE:
PIPING & INSTRUMENT DIAGRAM
EXPERIMENTAL HALL
SECTORS 01, 02, & EARLY ASSEMBLY AREA
PUMPS PSR02B, PSR02A AND PSREAA

SIZE	FSCM No.	DRAWING NUMBER	REV.
D	0HRH5	31 – 100100	01

SCALE: 1:1 | DO NOT SCALE DRAWING | SHEET: 1 of 1