



NOTES:
1. ITEMS DRAWN AS _____ DENOTE EXISTING. ITEMS DRAWN AS _____ DENOTE NEW.

- KEY NOTES: (#)
- SUPPORT PIPING USING TWO (2) KINDORF U514 CHANNEL SUPPORTS, 1 1/2" W X 3" H B-903 KINDORF CHANNEL, & "CUSH-A-CLAMP".
 - SUPPORT PIPING USING 1 1/2" W X 1 1/2" H B-909 KINDORF CHANNEL, TWO(2) KINDORF E-768 COLUMN MOUNT SUPPORT, AND "CUSH A CLAMP".
 - SUPPORT PIPING USING 1 1/2" W X 1 1/2" H B-909 KINDORF CHANNEL, "CUSH-A-CLAMP", AND FASTEN TO CONCRETE WALL USING

DESIGN DATA TABLE

SYSTEM: COMPRESSED AIR
SYSTEM OPERATING PRESSURE: 100 PSIG
SYSTEM DESIGN PRESSURE: 100 PSIG
MINIMUM SYSTEM COMPONENT DESIGN PRESSURE: 150 PSIG
SYSTEM DESIGN TEMPERATURE: 70°F
MINIMUM SYSTEM COMPONENT DESIGN TEMPERATURE: 100°F
SYSTEM FLUID: COMPRESSED AIR
DESIGN CODE USED: B31.9
FLUID CATEGORY: NOT APPLICABLE TO THE CODE
PIPING MATERIAL: COPPER, BRASS, NYLON & RUBBER HOSE
FABRICATION ORGANIZATION: INSTALLATION CONTRACTOR
DESIGN ORGANIZATION: JLAB FACILITIES ENGINEERING
JOINT EXAMINATION REQUIREMENTS: VISUAL ALL ASSEMBLED JOINTS
TESTING REQUIREMENTS: PNEUMATIC TO 1.25xSYSTEM DESIGN PRESS IN SEVERAL STEPS

United States Department of Energy
Newport News, VA

Thomas Jefferson National Accelerator Facility

HALL B - RICH EXPERIMENT AIR COMPRESSOR CONDENSATE DRAIN PIPING

REV	DESCRIPTION	APPR	DATE
REVISIONS			
	DESIGNER		DATE
	R. BARTEK		10/19/17
	DRAWN		
	R. BARTEK		10/19/17
	SUBJECT MATTER EXPERT		
	C. JONES		10/19/17
	DESIGN PROJECT MANAGER		
	R. BARTEK		10/19/17
	USER		
	D. TILLES		10/19/17
	ESH&O		
	M. LOGUE		10/19/17
	FIRE PROTECTION MANAGER		
	T. MINGA		10/19/17
	FM&L		
	R. SPROUSE		10/19/17

DRAIN PIPING ROUTING ISOMETRIC

M901

DRAWING NUMBER: 170021-004-M901-094