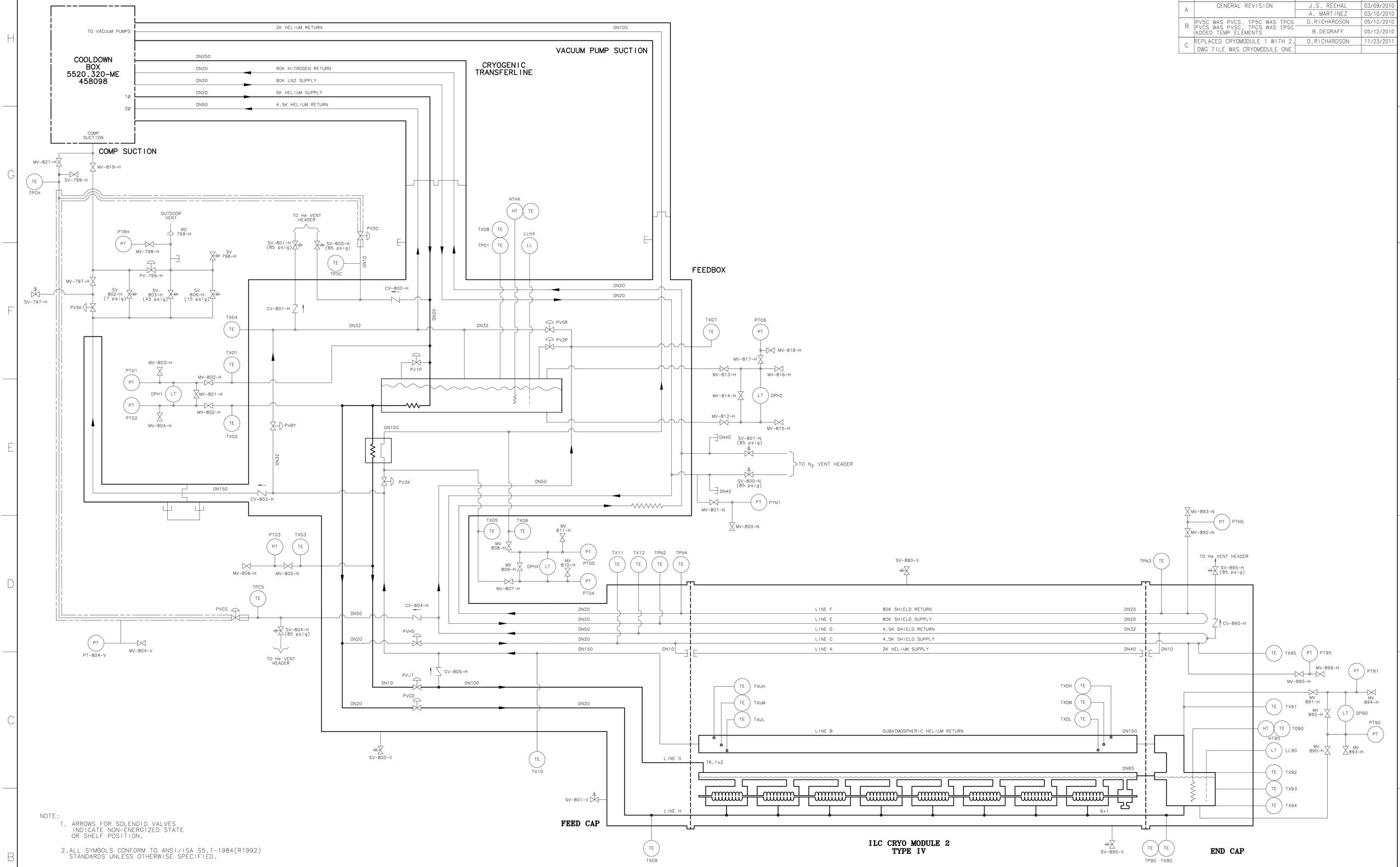
REV	DESCRIPTION	DRAWN / APPROVED	DATE / DATE
A	GENERAL REVISION	J.S. REEHAL	03/09/2010
		A. MARTINEZ	03/10/2010
B	PV5C WAS PVCS, TP5C WAS TPCS PVCS WAS PVSC, TPCS WAS TPSC ADDED TEMP ELEMENTS	D.RICHARDSON	05/12/2010
		B.DEGRAFF	05/12/2010
C	REPLACED CRYOMODULE 1 WITH 2, DWG TILE WAS CRYOMODULE ONE	D.RICHARDSON	11/23/2011



NOTE:

1. ARROWS FOR SOLENOID VALVES INDICATE NON-ENERGIZED STATE OR SHELF POSITION.
2. ALL SYMBOLS CONFORM TO ANSI/ISA S5.1-1984(R1992) STANDARDS UNLESS OTHERWISE SPECIFIED.
3. LINE DEFINITIONS
   - HIGH PRESSURE GHe LINES
   - LOW PRESSURE GHe LINES
   - VACUUM LINES
   - LHe lines
   - GN2 LINES
   - LN2 LINES
   - WATER LINES
   - OIL LINES
   - BOUNDRY LINES

REF DWG: 442391

UNLESS OTHERWISE SPECIFIED	ORIGINATOR	B.DEGRAFF	08-NOV-2007
	DRAWN	J.CATALANELLO	15-NOV-2007
± ± ±	CHECKED	R.SCHMITT	09-JUN-2008
1. BREAK ALL SHARP EDGES MAX. 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES 5. DRAWING UNITS: U.S.INCH	APPROVED	R.SCHMITT	09-JUN-2008
	USED ON		
	MATERIAL		

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

ILCTA LAB B PIPING AND INSTRUMENT DIAGRAM ILCTA CRYOMODULE TWO AND FEEDBOX

SCALE	DRAWING NUMBER	SHEET	REV
	5520.320-ME-458097	1 OF 1	C

CREATED WITH : Ideas12NXSeries GROUP: ACCELERATOR CRYOGENICS