



- NOTES:**
1. ALL INSTRUMENT TAG NUMBERS SHOWN THIS DIAGRAM ARE PREFIXED BY THE UNIT NUMBER 0 UNLESS OTHERWISE NOTED. SEE GENERAL NOTES ON DRAWING 0F0002.
 2. ALL INSTRUMENT ON THIS P&ID HAVE SEPARATION GROUP DESIGNATION "N".
 3. HEADER TUBING WILL BE "S" STAINLESS STEEL WITH SHUTOFF VALVE TO BE SUPPLIED FROM CONTROLS STOCK.
 4. "SOLENOID VALVES FV-8437 AND FV-8438 WILL BE CYCLED OPEN ONE AT A TIME AS PER TIMER SETTING.
 5. USE "00" 0.835 WALL THICKNESS STAINLESS STEEL TUBING FOR NITROGEN LINES FROM VALVE NL0172 TO CONDENSER HOTWELL.
 6. A 1" COUPLING OR UNION MAY BE INSTALLED IN THE 1" PIPING DIRECTLY ON THE UPSTREAM OR DOWNSTREAM SIDE OF FLOW CONTROL VALVES FV0437 AND 0438 AS REQUIRED TO FACILITATE REMOVAL FOR REPAIR OR REPLACEMENT. THE INSTALLATION SHALL CONFORM TO ASTM B88-92, STD. SPEC. FOR SEAMLESS COPPER WATER TUBE, 1955-1106.
 7. VALVE UTILIZES UPSTREAM PRESSURE TO OPERATE. THE DOWNSTREAM LINE IS USED AS A PRESSURE SENSING POINT.
 8. LAB BENCH GAS DISTRIBUTION HEADER VALVES SHOWN DIAGRAMMATICALLY.
 9. GAS BOTTLES ARE CONNECTED AS NEEDED TO PROVIDE BACKUP NITROGEN TO THE COLD CHEMISTRY LAB.

REFERENCES:
 1. FOR PIPING & INSTRUMENTATION SYMBOLS SEE DRAWINGS 0F0001 & 0F0002

LR BOUNDARY DRAWING NO.	REV.
LR-STP-NL-6T180F00078	0A



SOUTH TEXAS PROJECT NUCLEAR OPERATING COMPANY		PIPING AND INSTRUMENTATION DIAGRAM LOW PRESSURE NITROGEN STORAGE AND DISTRIBUTION SYSTEM	
PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.
1	F0205.001	0070928	
SCALE	DWG. NO.	SHT.	REV.
NONE	6T180F00078		8

EESL000N

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE	NO.	ISSUE DATE	REVISION
0-7	3-25-95	REVISED PER CR 02-6918. ISSUED FOR CONSTRUCTION.								
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