

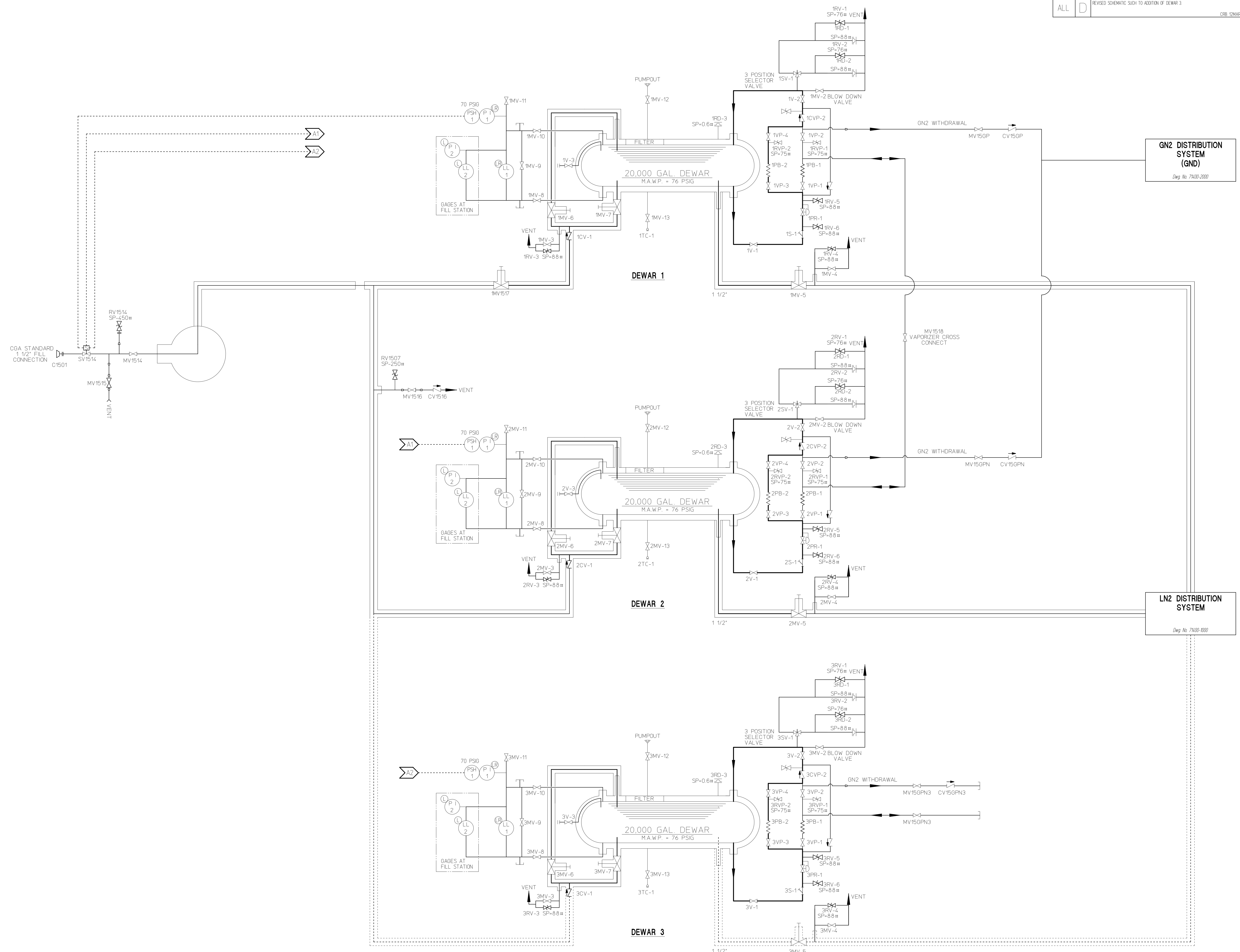
REVISION HISTORY		DATE	APPROVED
ALL	A	7/17/94	R. BROWN
C4	B	4/20/10	P. STEWART
ALL	C	230CT17	D. SCHLEPPER
ALL	D	15MARI9	T. WIERATNE

LEGEND

- C-1 CGA FILL CONNECTION (NOTE 4)
- CV-1 VAC JACKET FILL CHECK VALVE
- LL-1 TANK CONTENTS GAUGE (INCHES WATER)
- LL-2 TANK CONTENTS GAUGE (% FULL)
- MV-2 BLOWDOWN VALVE
- MV-3 HOSE BLOWDOWN VALVE (ORIGINAL FUNCTION)
- MV-4 HOSE BLOWDOWN VALVE (ORIGINAL FUNCTION)
- MV-5 VAC JACKET LIQUID WITHDRAWAL VALVE
- MV-6 VAC JACKET GAS (TOP) FILL VALVE
- MV-7 VAC JACKET LIQUID (BOTTOM) FILL VALVE
- MV-8 HIGH PRESSURE ISOLATION VALVE
- MV-9 PRESSURE EQUALIZATION VALVE
- MV-10 LOW PRESSURE ISOLATION VALVE
- MV-11 GAS SAMPLE VALVE
- MV-12 EVACUATION VALVE AND FILTER
- MV-13 THERMOCOUPLE VACUUM GAUGE VALVE
- MV-14 TRUCK FILL VALVE (SEE NOTE 4)
- MV-15 TRUCK FILL VENT VALVE (SEE NOTE 4)
- MV-15GP GAS SUPPLY TO PURIFIER (SEE NOTE 4)
- PB-1 PRESSURE BUILDING COIL (VAPORIZER)
- PB-2 PRESSURE BUILDING COIL (VAPORIZER)
- P1-1 TANK PRESSURE GAUGE
- P1-2 TANK PRESSURE GAUGE
- PR-1 PRESSURE BUILDING REGULATOR
- RD-1 TANK RUPTURE DISC
- RD-2 TANK RUPTURE DISC
- RD-3 CASING RUPTURE DISC
- RV-1 TANK ASME RELIEF VALVE
- RV-2 TANK ASME RELIEF VALVE
- RV-3 HOSE SAFETY VALVE
- RV-4 HOSE SAFETY VALVE
- RV-5 PRESSURE BUILDING LINE RELIEF VALVE
- RV-6 PRESSURE BUILDING LINE RELIEF VALVE
- RV-7 TRUCK HOSE SAFETY VALVE
- RV-8 TRUCK HOSE SAFETY VALVE
- RVP-1 VAPORIZER #1 RELIEF VALVE
- RVP-2 VAPORIZER #2 RELIEF VALVE
- S-1 STRAINER
- SV-1 SELECTOR VALVE
- TC-1 THERMOCOUPLE VACUUM GAUGE TUBE
- V-1 PRESSURE BUILDING LIQ SPLY SHUTOFF VLV
- V-2 PRESSURE BUILDING VAPOR RTN SHUTOFF VLV
- V-3 FULL TRYCOCK VALVE
- VP-1 VAPORIZER #1 INLET VALVE
- VP-2 VAPORIZER #1 OUTLET VALVE
- VP-3 VAPORIZER #2 INLET VALVE
- VP-4 VAPORIZER #2 OUTLET VALVE

NOTES

1. THIS DRAWING REPLACES DWG # 71700-0-0003 WHICH WAS USED AS A PURCHASING DOCUMENT.
2. ALL SINGLE DIGIT NUMBERS ARE PREFIXED WITH "50" AND DOUBLE DIGIT NUMBERS ARE PREFIXED WITH "5" FOR DEWAR 1 AND ADD A "N" TO THE END OF THE NUMBER FOR DEWAR 2.
3. N/A
4. SHOWN ON DWG 71700-0-0206.



LN2 LEVEL GAGE		
INCHES	GALLON	PERCENT
5	4.96	6.7%
10	1.390	13.3%
15	2.521	20.0%
20	3.821	26.7%
25	5.249	33.3%
30	6.767	40.0%
35	8.347	46.7%
40	9.962	53.3%
45	11.588	60.0%
50	13.198	66.7%
55	14.769	73.3%
60	16.273	80.0%
65	17.680	86.7%
70	18.954	93.3%
75	20.049	100.0%

OPEN REV D
3/15/19

DOCUMENT CONTROL STAMP	DM & TOL PER ASME Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE FRACTIONS DECIMAL ANGLES ° ' " X + N/A XXX + N/A	TRACKING NO N/A	APPROVALS DATE	THIRD ANGLE PROJECTION	DATE	DATE	DATE
MATERIAL N/A			DRAWN D. JAMISON 9/17/90		9/18/90	9/18/90	9/18/90
FINISH MACHINED N/A UNLESS OTHERWISE NOTED SURFACES TO BREAK ALL SHARP EDGES			CHECKED H. KASHY 9/18/90				
DO NOT SCALE DRAWING			APPROVED WILLIAM C. CHRONIS 9/18/90				
			APPROVED C. H. RODE 9/18/90				

CHL FLOW SCHEMATIC LIQUID NITROGEN STORAGE DEWAR

DWG NO: 71700-0027

REV D

SHEET 1 OF 1