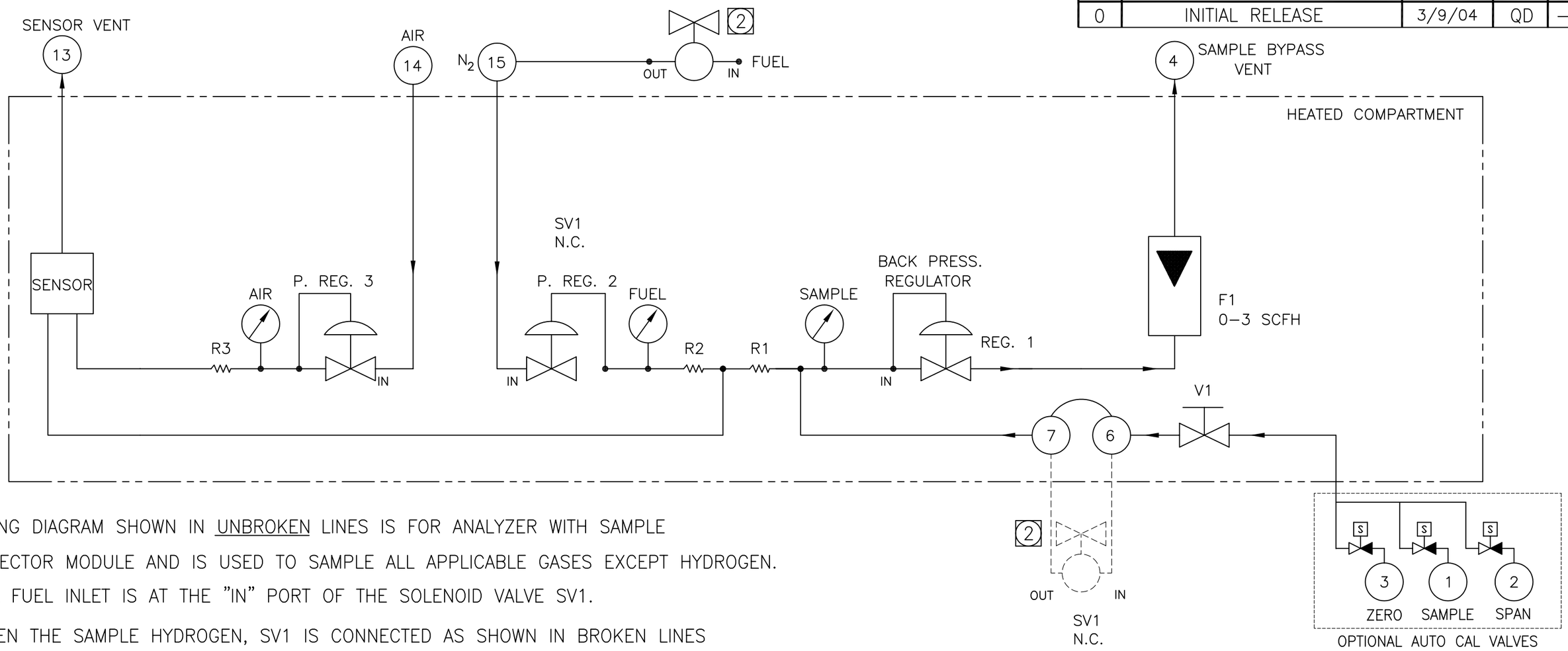
NOTES: UNLESS OTHERWISE SPECIFIED.

REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
0	INITIAL RELEASE	3/9/04	QD	--



1. PIPING DIAGRAM SHOWN IN UNBROKEN LINES IS FOR ANALYZER WITH SAMPLE SELECTOR MODULE AND IS USED TO SAMPLE ALL APPLICABLE GASES EXCEPT HYDROGEN. THE FUEL INLET IS AT THE "IN" PORT OF THE SOLENOID VALVE SV1.

(2) WHEN THE SAMPLE HYDROGEN, SV1 IS CONNECTED AS SHOWN IN BROKEN LINES AND H.C. FREE NITROGEN IS CONNECTED TO INLET #15. NOTE THAT THE H_2 SAMPLE IS USED AS FUEL AND IS DILUTED WITH N_2 TO APPROXIMATE THE USUAL 40% H_2-60% N_2 MIXTURE.

3. MAXIMUM INLET PRESSURE IS 80 PSIG (653 KPaG). PREFERRED INLET PRESSURE IS 40 PSIG (377 KPaG).

ITEM	QTY	PART No.	DESCRIPTION

BILL OF MATERIAL

DO NOT SCALE DWG

TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGULAR ±1/2°
LINEAR .X = ±.1, .XX = ±.02, .XXX = ±.010

TELEDYNE INSTRUMENTS
Analytical Instruments
A Teledyne Technologies Company
City of Industry, California, 91748, USA

	SIGNATURES	DATE
S/		
N/	DRFT: MANN NGUYEN	1/21/03
I/	CHK:	
P/	APPR:	
O/	ENGR: QUYEN DANG	
F/	C.O.:	
REFERENCE	CAD I.D. B75509-0	

TITLE: MDL 4020 19" RACK PIPING DIAGRAM

SCALE NONE
SIM B-67698
SHEET 1 OF 1

MATL. N/A
DWG NO. B-75509
REV 0