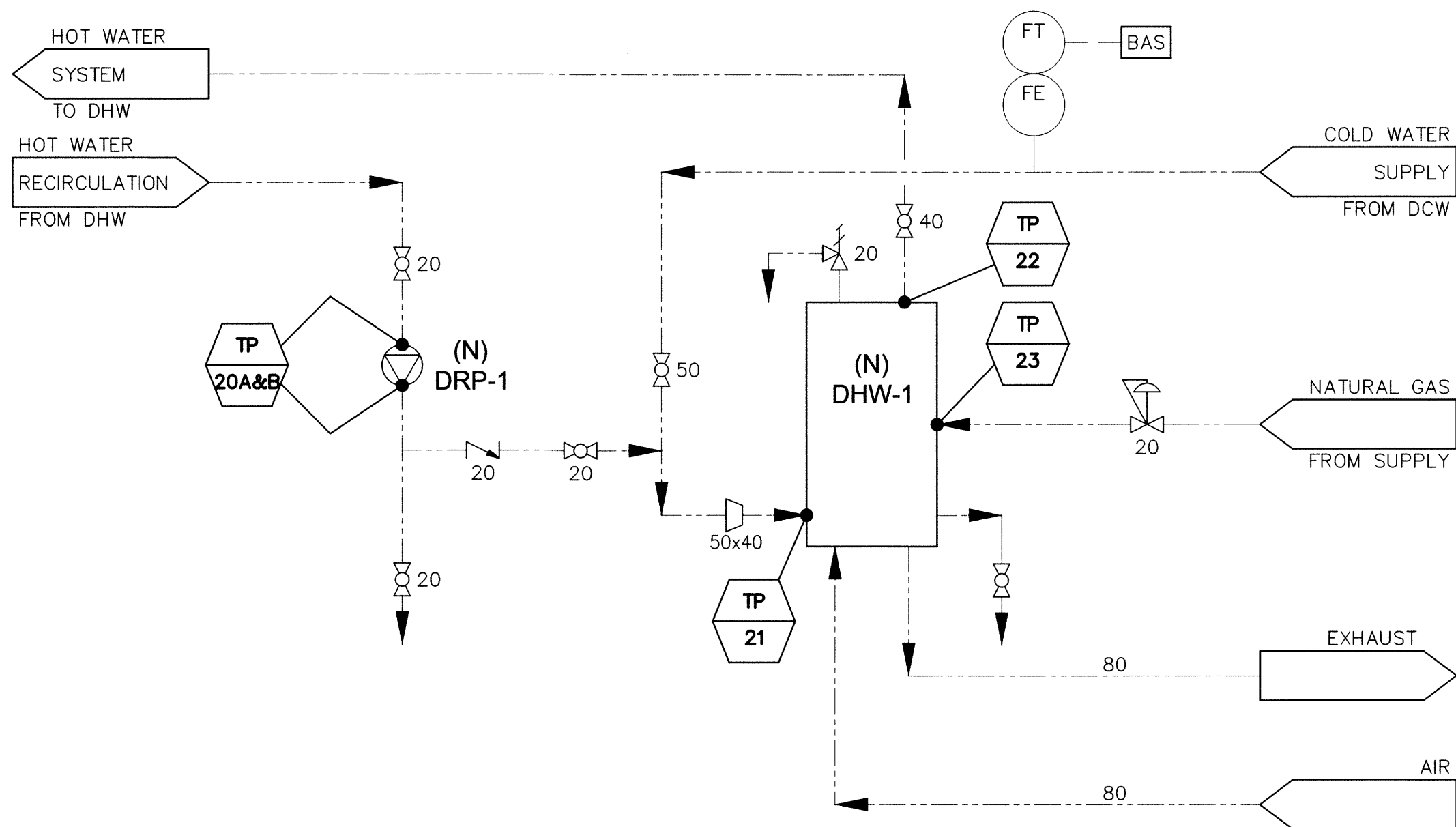
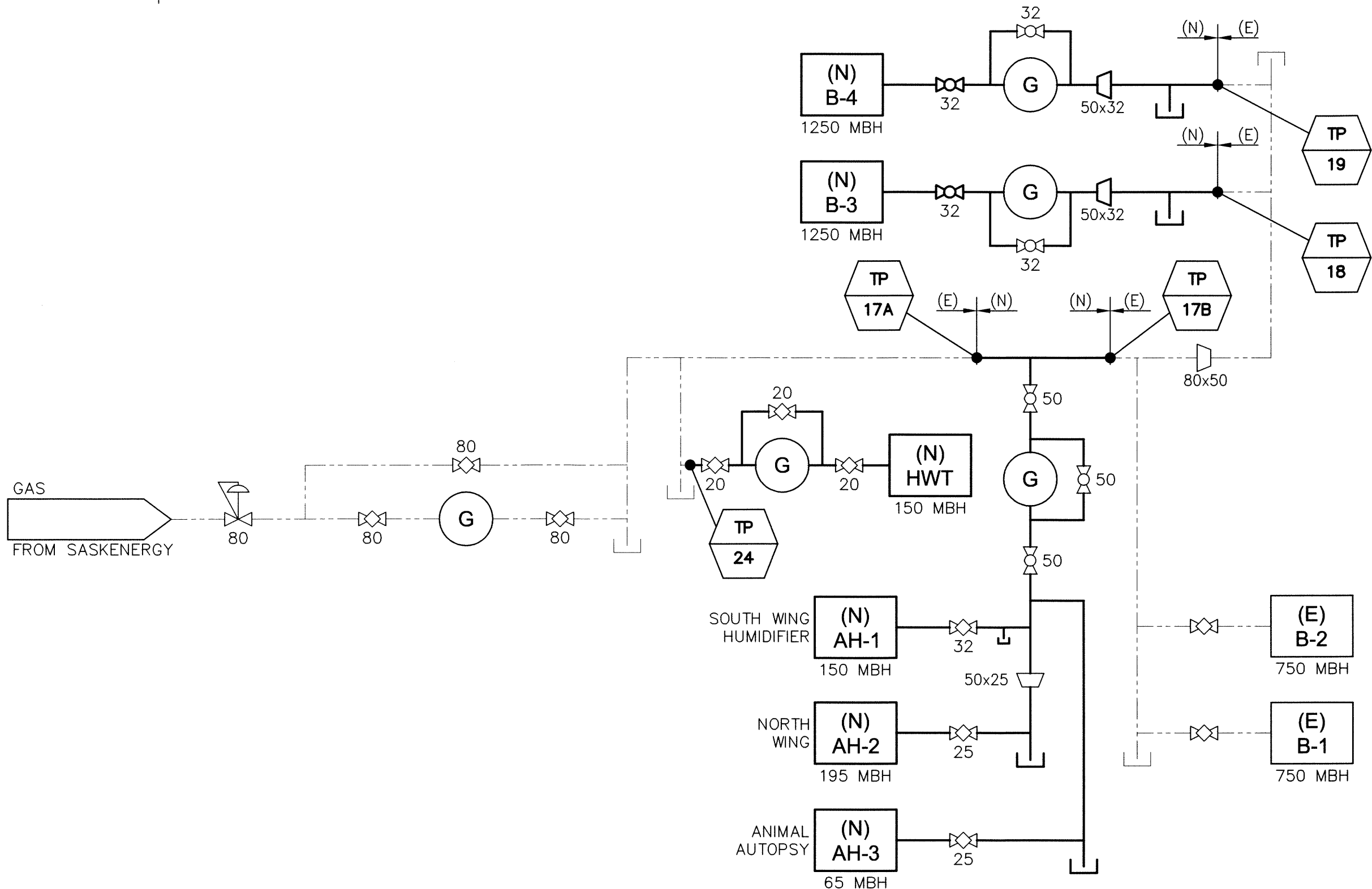


(N)DRP-1  
DOMESTIC RECIRCULATION PUMP  
MFR: GRUNDFOS  
MDL: MAGNA3 32-60F(N)  
FLOW: VARIABLE CONST. TEMP.  
VOLTAGE: 115V

(N)DHW-1  
WATER HEATER  
MFR: BRADFORD WHITE  
MDL: EF-100T-150E-3N(A)  
RECOVERY: 681 L/HR @ 56°C

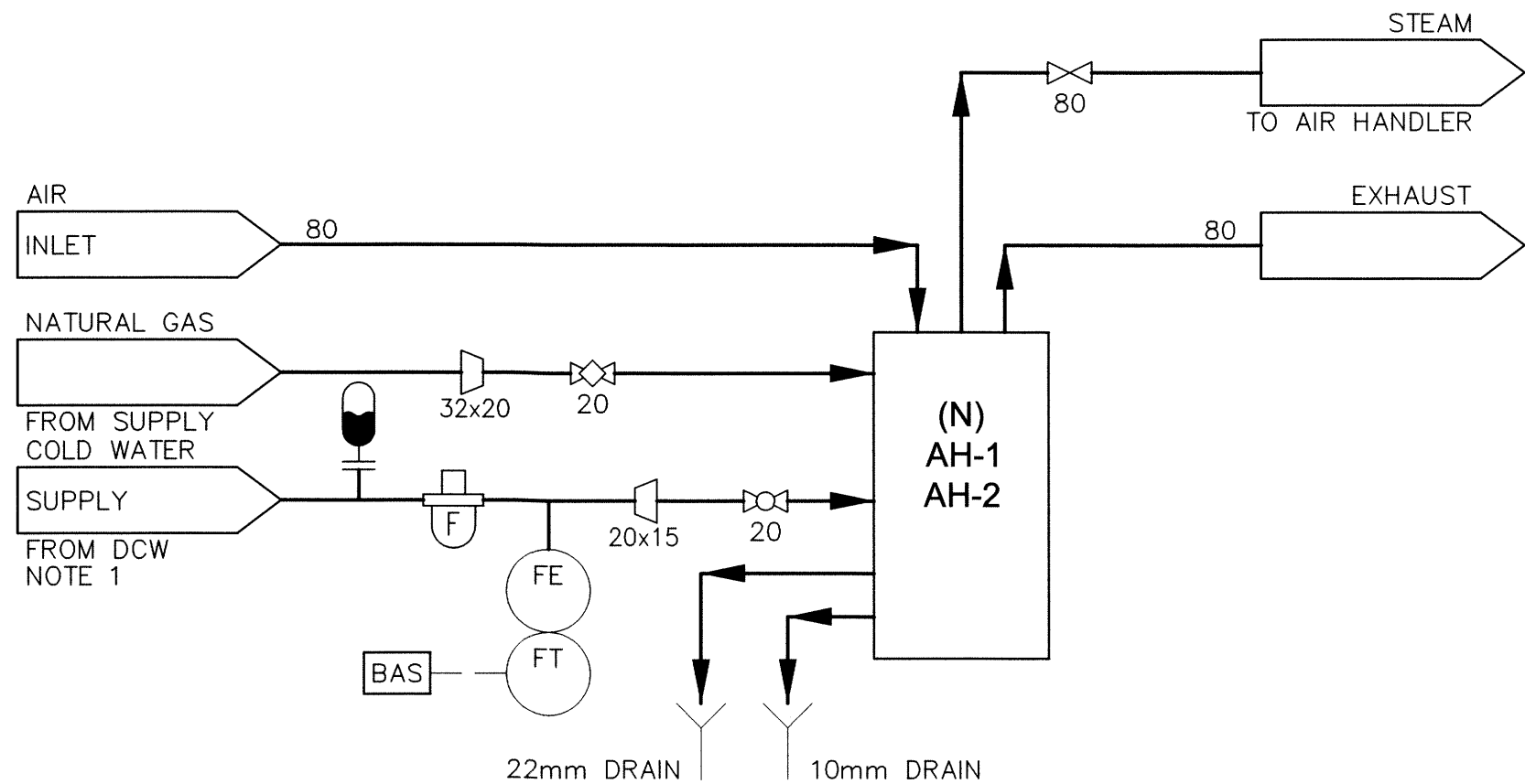


**DHW PIPING**  
EXISTING SYSTEM



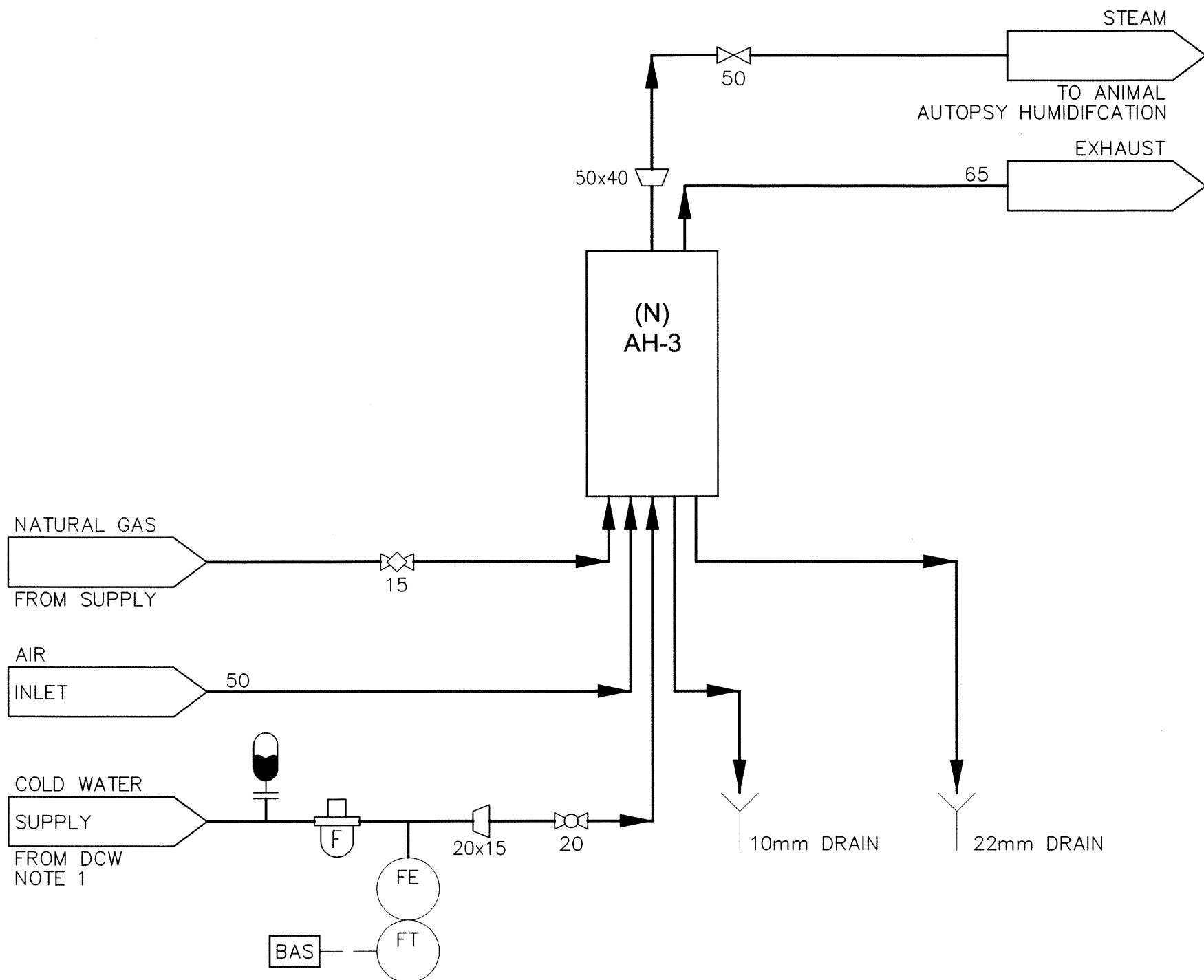
**GAS PIPING SCHEMATIC (NORTH AND SOUTH WING)**  
5105 MBH CAPACITY

(N)AH-1 & AH-2  
GAS TO STEAM HUMIDIFIER  
MFR: NORTEC  
MDL: GS 150  
CAPACITY: 68 KG/HR STEAM



**HUMIDIFIER PIPING**  
NEW SYSTEM

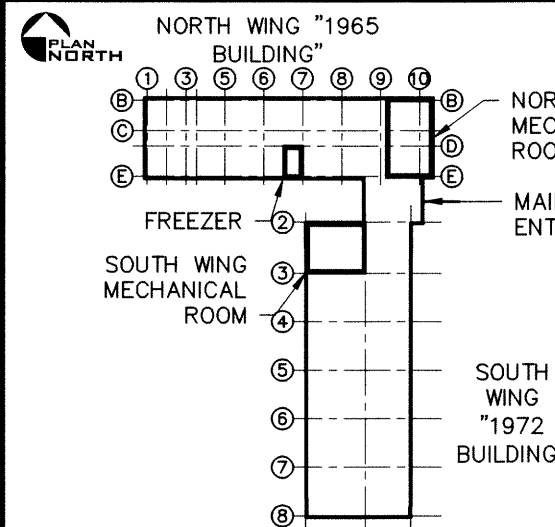
(N)AH-3  
GAS TO STEAM HUMIDIFIER  
MFR: NORTEC  
MDL: GS 50  
CAPACITY: 23 KG/HR STEAM



**AH-3 PIPING**  
NEW SYSTEM

**NOTES:**

1. AH-1, AH-2, AND AH-3 DCW SUPPLY SHALL BE FIELD RUN FROM NEAREST DCW LINE.



**BUILDING KEY PLAN**

**LEGEND**

- (N) NEW
- (E) EXISTING
- EXISTING PIPING
- NEW PIPING
- \* SUPPLIED BY VENDOR

REV	Description	Date
0	ISSUED FOR TENDER	23-JUN-2017

A	A detail no. no. du detail	A
B	B location drawing no. sur dessin no.	B
C	C drawing no. dessin no.	C

project project  
**MECHANICAL UPGRADE**  
**115 PERIMETER ROAD**  
**SASKATOON, SASK.**  
ENVIRONMENT CANADA  
335 River Rd  
Ottawa ON, K1V 1C7

drawing dessin  
**MECHANICAL**  
**PIPING & INSTRUMENTATION**  
**DIAGRAM (SHT 3 OF 3)**

Designed By	GDK	Conçu par	
Date	2017/06/21	(yyyy/mm/dd)	
Drawn By	BJB	Dessiné par	
Date	2017/06/23	(yyyy/mm/dd)	
Reviewed By	ADR	Examiné par	
Date	2017/06/23	(yyyy/mm/dd)	
Approved By	AMB	Approuvé par	
Date	2017/06/23	(yyyy/mm/dd)	
Tender		Soumission	

Project Manager	Administrateur de projets
EC PMDI Proj no.	Consultant Proj no.
	<b>17-0006-001</b>

Drawing no. No. du dessin

**PID03**