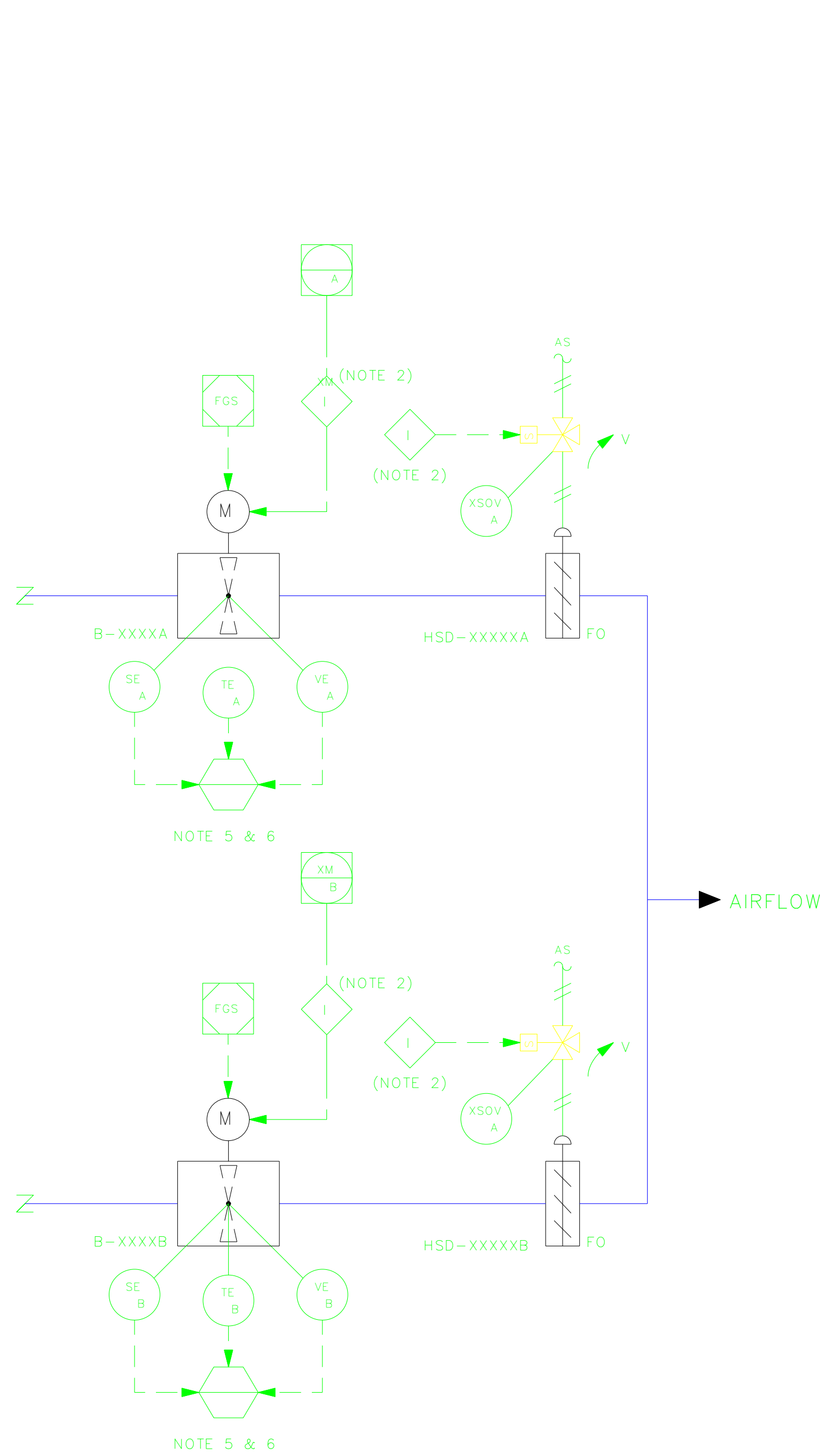
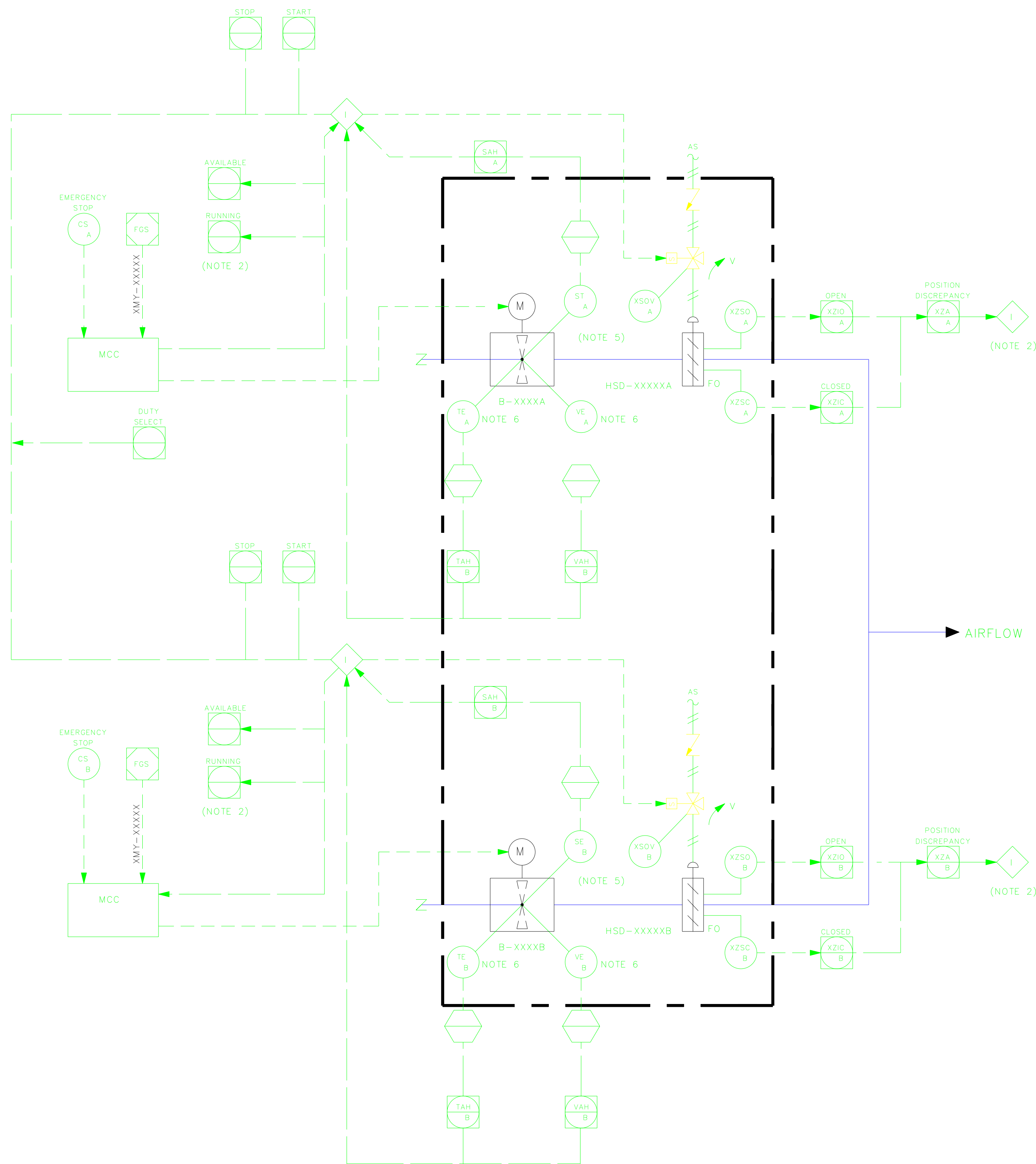


FANS AND FAN SHUT-OFF DAMPERS - 2 x 100%



SHORT FORM



LONG FORM

NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE HVAC DESIGN PHILOSOPHY DOCUMENT NUMBER 168397-100-HV-PH-0001 AND THE HVAC CONTROLS PHILOSOPHY DOCUMENT NUMBER 168397-100-HV-PH-0002.
2. FAN NOT RUNNING OR DISCREPANCY ALARM, OR FAN DAMPER CLOSED OR DISCREPANCY ALARM SHALL SHUTDOWN DUTY UNIT AND START STANDBY UNIT.
3. FAILURE OF DUTY AND STANDBY UNITS SHALL SHUTDOWN ALL SYSTEM ELECTRIC HEATERS.
4. FAILURE OF RUNNING FAN SHALL CLOSE SHUT-OFF DAMPER AND CLOSURE OF DAMPER SHALL STOP FAN.
5. ON DETECTION OF REDUCTION OF FAN SPEED VIA THE SPEED SENSOR, THE STANDBY FAN SHALL BE INITIATED AND THE DUTY FAN ISOLATED.
6. FOR THE MAIN EXTRACT FANS, FAN BEARING TEMPERATURE, FAN SPEED AND BEARING VIBRATION SHALL BE MONITORED REMOTELY VIA AN "ON-LINE" CONDITIONING MONITORING AND DATA ACQUISITION SYSTEM. ALL OTHER FANS SHALL BE FITTED WITH A BEARING MONITOR SENSOR HOOK-UP POINT ON OUTSIDE OF EACH PACKAGE FOR REMOTE HAND HELD DEVICE CONNECTION AS SHOWN.

HOLDS

REFERENCE DRAWINGS

168397-100-HV-SM-0001-01	HVAC LEGEND
168397-100-PR-PI-0001-01	PIPING & INSTRUMENT DIAGRAM LEGEND SHEET LABELLING
168397-100-PR-PI-0002-01	PIPING & INSTRUMENT DIAGRAM LEGEND SHEET PIPING

REV	DATE	DESCRIPTION	DRN	CHK	APP	CLT
Z1	06.05.14	As Built	DP	BH	BH	CAT
0	01.03.12	ISSUED AFC	JC	PG	SR	DS
D1	21.10.11	APPROVED FOR DESIGN	NTD	PJD	CNL/V	CAT
A1	16.09.11	ISSUED FOR IDC	NTD	PJD	CNL	



Nexen Petroleum U.K. Limited



Golden Eagle Area Development



TITLE: HVAC D&ID CONTROL CONFIGURATION DIAGRAM - FANS

SCALE (A1): N.T.S.

ASSAI No:

CONTRACT No: 168397

CLIENT CONTRACT No: GEA-CT-CON-00808

DRAWING No.
168397-100-HV-PY-0001

REV
Z1