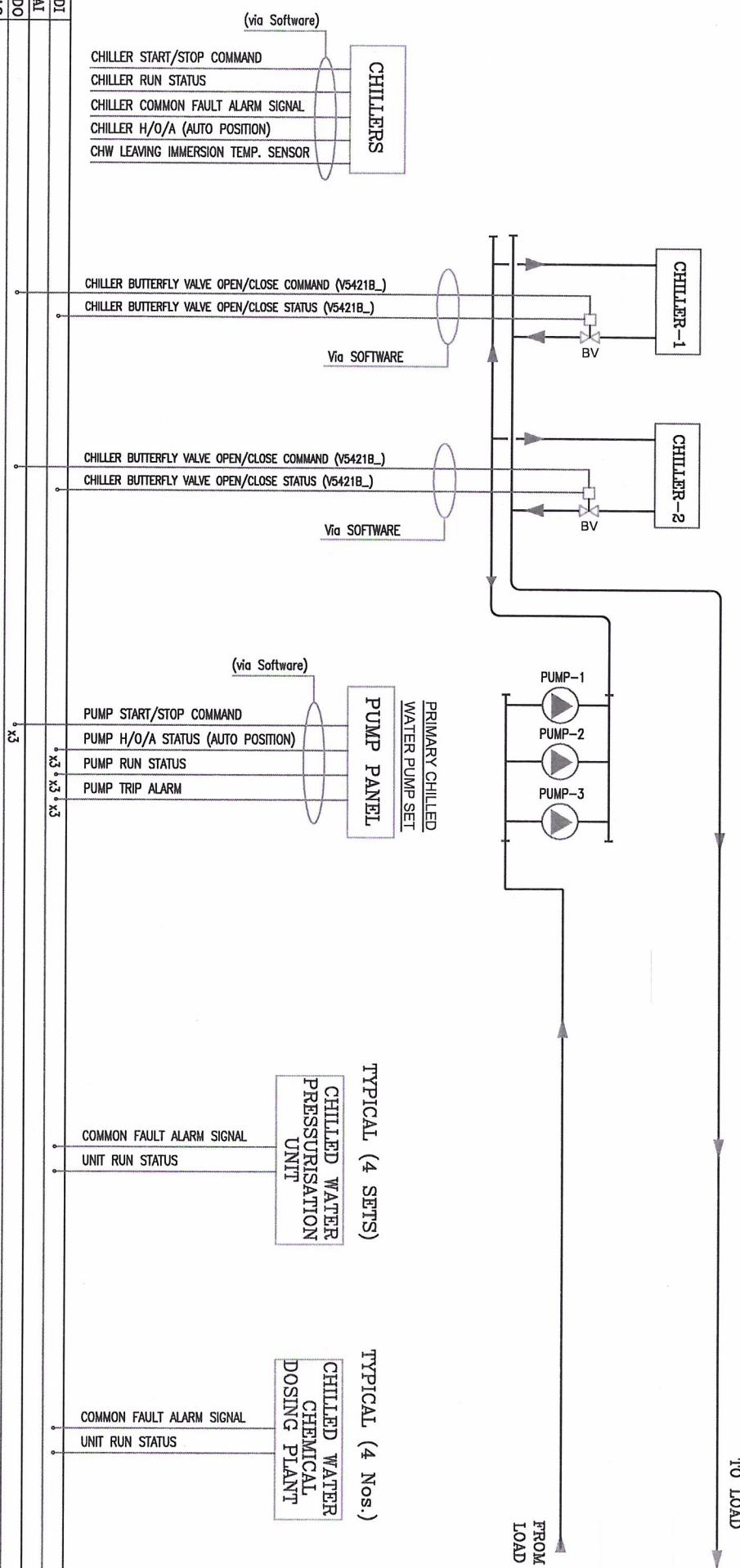


LEGEND  
BV – BUTTERFLY VALVE

CHILLED WATER SYSTEM SCHEMATIC  
TYPICAL BLOCK-A,B,E & F (ROOF)



PROJECT		DUBAI SILICON OASIS - PHASE 2		TITLE		DATE		DRAWING No.	
CONTRACTOR		ALKO		CHILLED WATER SYSTEM		24.12.06.		ALX	
CONSULTANT		KHAJIB & ALAMI		SCHEMATIC DIAGRAM		DRAWN		HL06/DSO/BMS/CHW-001	
FAX : 971 4 3244241		FOR APPROVAL		0		DRAWN		CHECKED	
REV.	REVISION	BY	DATE	ALL DIMENSION ARE IN MM	SCALE : NTS	APRD	RDR	SHEET :	

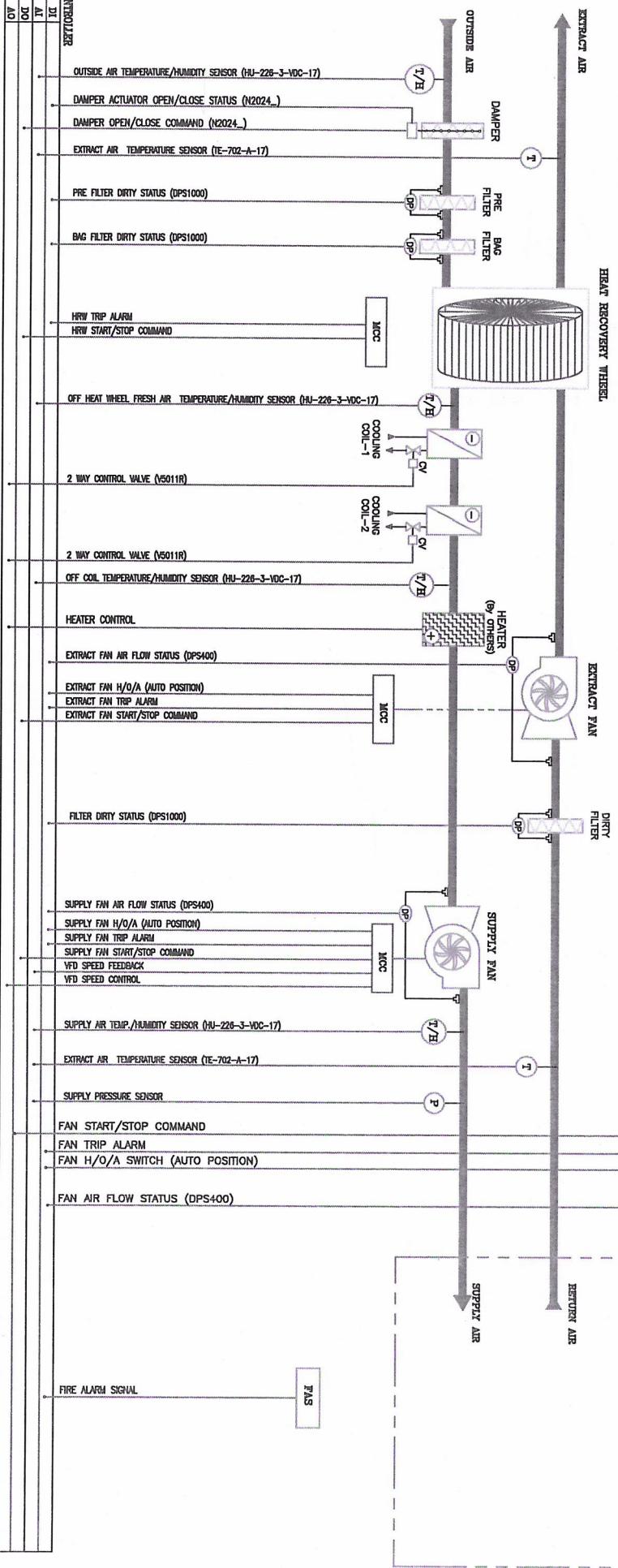
## FRESH AIR HANDLING UNIT

Qty – 4 Nos.

SMOKE EXHAUST FAN  
SEXF-1 (4 Nos.)

**LEGEND**

DP	– DIFFERENTIAL PRESSURE SWITCH
T/H	– TEMPERATURE/HUMIDITY SENSOR
T	– TEMPERATURE SENSOR



PROJECT	DUBAI SILICON OASIS - PHASE 2		TITLE		DATE	DRAWING No.
CONTRACTOR	ALKO		FRESH AIR HANDLING UNIT SCHEMATIC DIAGRAM		24.12.06.	ALX
CONSULTANT	KHATIB & ALAMI				CHECKED	RDR
REV.	0	FOR APPROVAL			APRD	
REVISION		BY	DATE	ALL DIMENSION ARE IN MM	SCALE : NTS	SHEET :

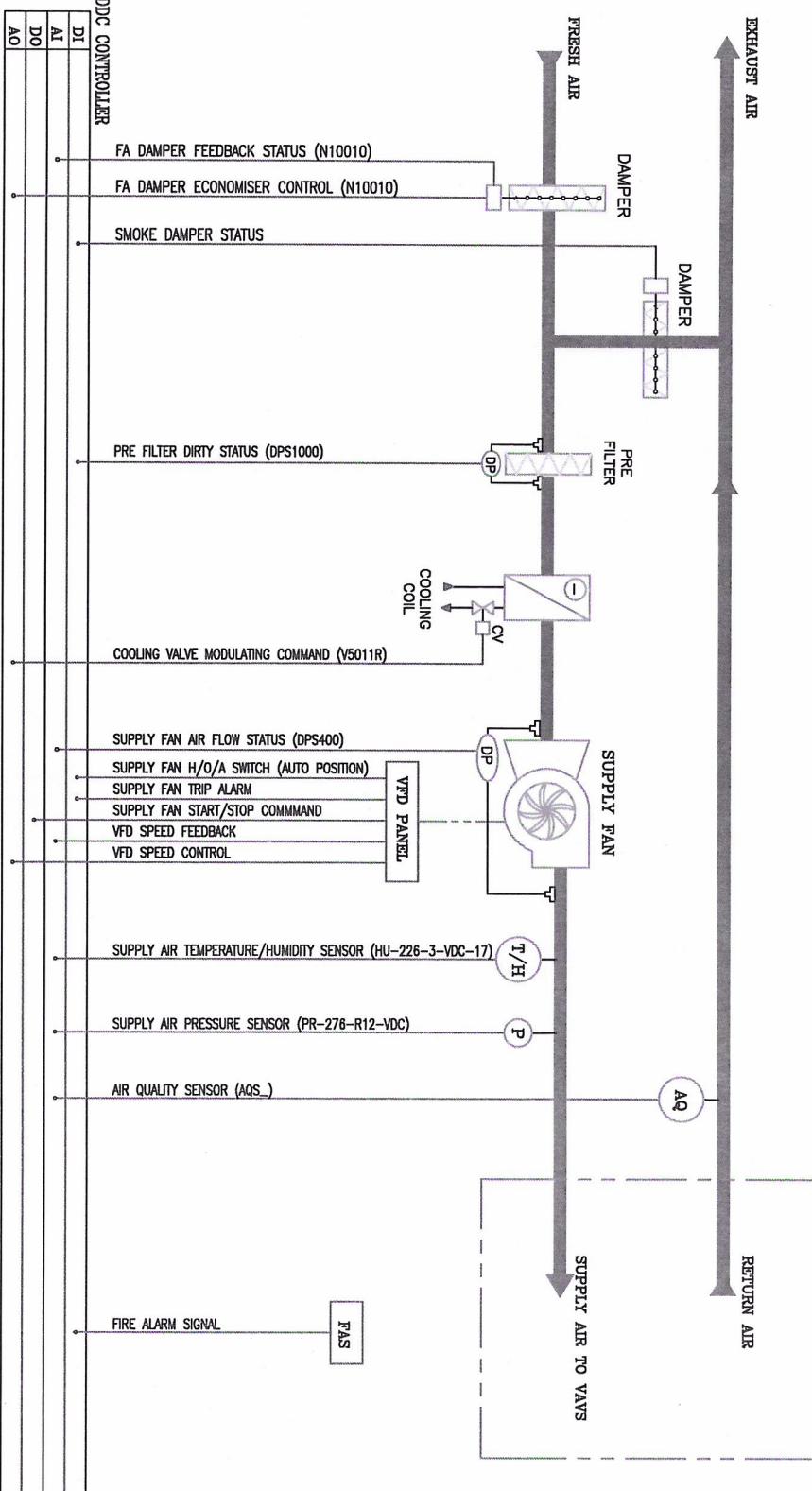
Honeywell Middle East  
P.O. Box : 60332, DUBAI U.A.E.  
TEL : 971 4 3244240  
FAX : 971 4 3244241

### AIR HANDLING UNIT WITH VFD

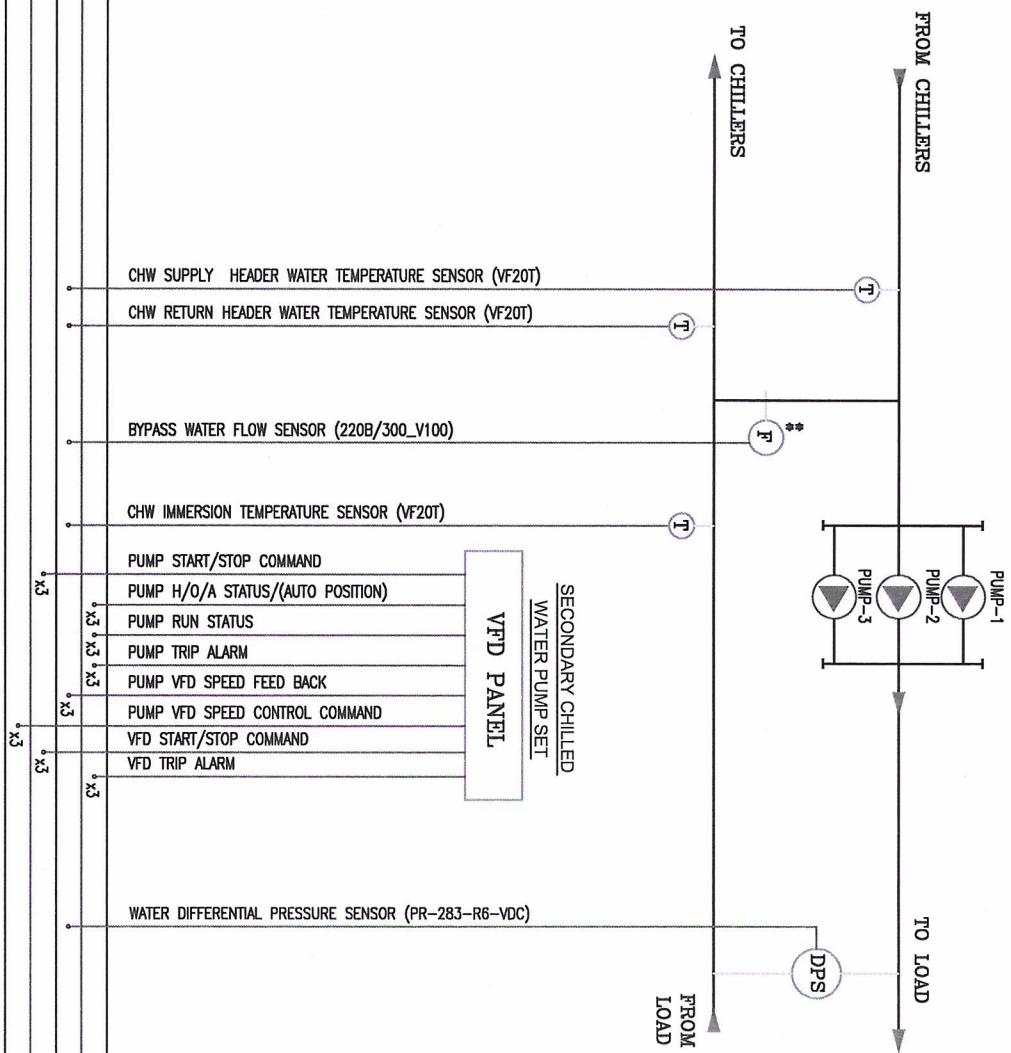
APPLICABLE FOR  
 AHU-G1 - 4 Nos.  
 AHU-G2 - 4 Nos.  
 AHU-F1-1 - 4 Nos.  
 AHU-F1-2 - 4 Nos.  
 AHU-TP1 - 12 Nos.  
 AHU-TP2 - 14 Nos.  
 AHU-TP3 - 2 Nos.  
 AHU-TP4 - 4 Nos.  
 AHU-TP5 - 2 Nos.  
 AHU-TP6 - 4 Nos.  
 AHU-TP7 - 4 Nos.  
 AHU-TP8 - 2 Nos.

### LEGEND

T/H - TEMPERATURE/HUMIDITY SENSOR  
 DP - DIFFERENTIAL PRESSURE SWITCH  
 AQ - AIR QUALITY SENSOR  
 P - PRESSURE SENSOR



Honeywell Middle East PROJECT : DUBAI SILICON OASIS - PHASE 2				DATE : 24-12-05	DRAWING No. : HL106/DSO/BMS/AHU-001
P.O. Box : 60832, DUBAI, UAE CONTRACTOR : ALKO				DRAWN : ALX	
TEL : 971 4 3244240 CONSULTANT : KHATIB & ALAMI	0	FOR APPROVAL	REV. : ALX 24.12.06	CHECKED : RDR	
FAX : 971 4 3244241			REVISION : BY DATE	APROD : ALL DIMENSION ARE IN MM	SCALE : NTS



SECONDARY CHILLED

SECONDARY CHILLED

## WATER PUMPS

BLOCK-A & B (BASEMENT)

T - TEMPERATURE SENSOR  
\*\* - 1 NO. IN PROJECT ON MAIN SUP

F – FLOW SENSOR  
DPS – DIFFERENTIAL PRESSURE SENSOR

F - FLOW SENSOR  
 DPS - DIFFERENTIAL PRESSURE SENSOR  
 T - TEMPERATURE SENSOR  
 \*\* - 1 NO. IN PROJECT ON MAIN SUPPLY LINE

SECONDARY CHW PUMPS SCHEMATIC DIAGRAM							DATE DRAWN CHECKED	24.12.06. ALX RDR	DRAWING NO. H-LJ06/DSO/BMS/SCHWP-001
REV.	REVISION	BY	DATE	ALL DIMENSION ARE IN MM	SCALE : NTS	APRD		SHEET :	
0	FOR APPROVAL		ALX2024.12.06						

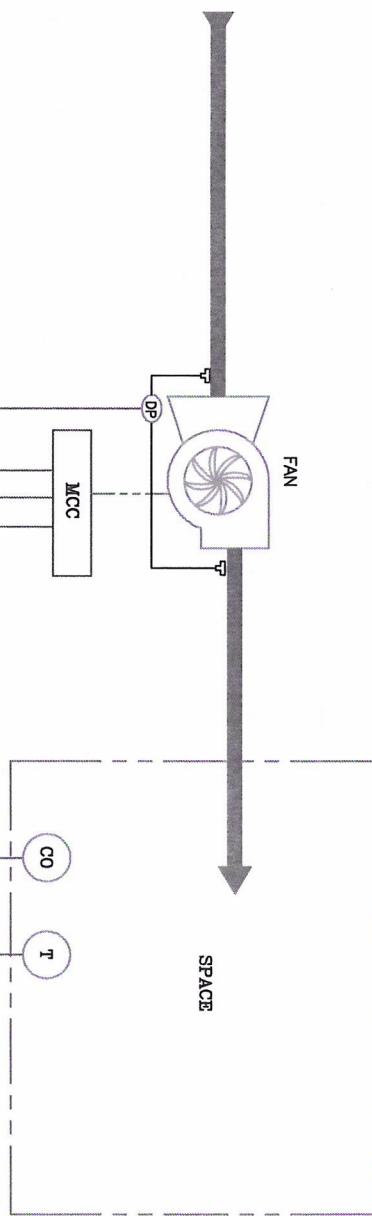


CAR PARK EXTRACT FANS

EXT-S1 (8 Nos.)

LEGEND

DP	- DIFFERENTIAL PRESSURE SWITCH
CO	- CARBON MONOXIDE SENSOR
T	- TEMPERATURE SENSOR

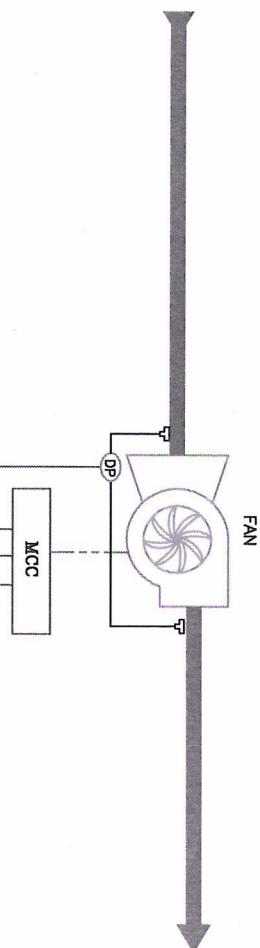


**DDC CONTROLLER**

Honeywell Middle East	PROJECT	DUBAI SILICON OASIS - PHASE 2		TITLE			
P.O. Box : 60832, DUBAI U.A.E.	CONTRACTOR	ALKO		CAR PARK EXTRACT FAN		DATE	
TEL : 971 4 3244240	CONSULTANT	0 FOR APPROVAL		24.12.06		DRAWN	
FAX : 971 4 3244241	KHATIB & ALAMI	ALX		CHECKED		DRAWING No.	
		REV.	REVISION	BY	DATE	HL06/DSO/BMS/CPEF -01	SHEET :
						APRD	

GARBAGE EXHAUST FAN  
 EXT-R1 (2 Nos.)  
 EXT-R2 (2 Nos.)

LEGEND  
 DP - DIFFERENTIAL PRESSURE SWITCH



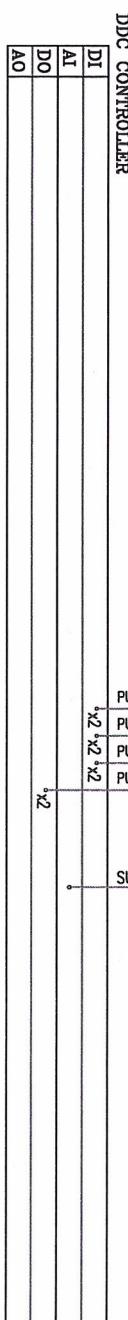
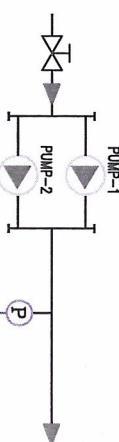
DDC CONTROLLER	
DI	
AI	
DO	
AO	

Honeywell Middle East P.O. Box : 60832, DUBAI, UAE. TEL : 971 4 3244240 FAX : 971 4 3244241	PROJECT : DUBAI SILICON OASIS - PHASE 2	CONTRACTOR : ALKO	CONSULTANT : KHATIB & ALAMI

REV.	REVISION	DATE	APPROV.	DRAWN	DATE	APPROV.	DRAWING NO.
		BY	DATE	ALX	24.12.06	RD	HLL06/DSO/BMS/GEF -01

WATER TRANSFER PUMPSET

2 SETS - (1 DUTY + 1 STAND BY)

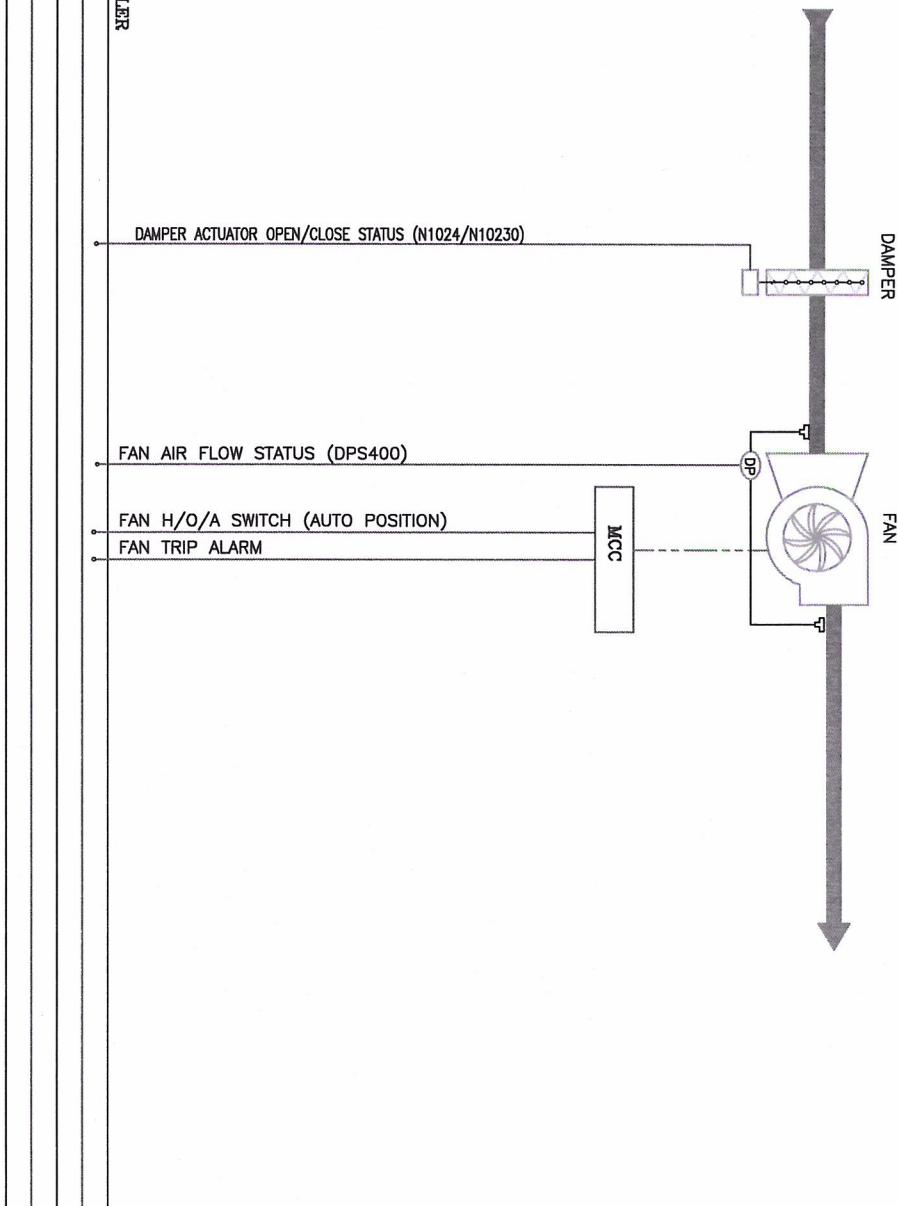


Honeywell Middle East	PROJECT	DUBAI SILICON OASIS - PHASE 2						
P.O. Box : 60832, DUBAI, UAE	CONTRACTOR	ALKO						
TEL : 971 4 3244240	CONSULTANT	KHATIB & ALAMI						
FAX : 971 4 3244241	REV.	0	FOR APPROVAL	ALX	24.12.06			
	REVISION		BY	DATE	ALL DIMENSION ARE IN MM	SCALE : NTS	APRD	SHEET :

STAIRCASE PRESSURISATION FANS

PT-1 (8 Nos.)

LEGEND  
DP – DIFFERENTIAL PRESSURE SWITCH



Honeywell Middle East P.O. Box : 60832, DUBAI, UAE. TEL : 971 4 3244240 FAX : 971 4 3244241	PROJECT : DUBAI SILICON OASIS - PHASE 2	CONTRACTOR : ALKO	CONSULTANT : KHATIB & ALAMI

TITLE : STAIRCASE PRESSURISATION FAN SCHEMATIC DIAGRAM  
DRAWN : 24.12.06  
DRAWN BY : ALK  
CHECKED : RDR  
APRD : HLL/06/DSOB/MS/SPF -01  
SCALE : NTS  
SHEET : 1