

An aerial night view of a modern city with illuminated skyscrapers and roads. The image is overlaid with a blue tint. The text 'ELECTRACONTROL' is centered in the upper half, and 'Mall 30,000 BMS 2020 Building Management System' is centered in the lower half.

ELECTRACONTROL

Mall 30,000
BMS 2020
Building Management System



System Description

Located within the borders of the new ministry of defense's facilities in the new admin capital.

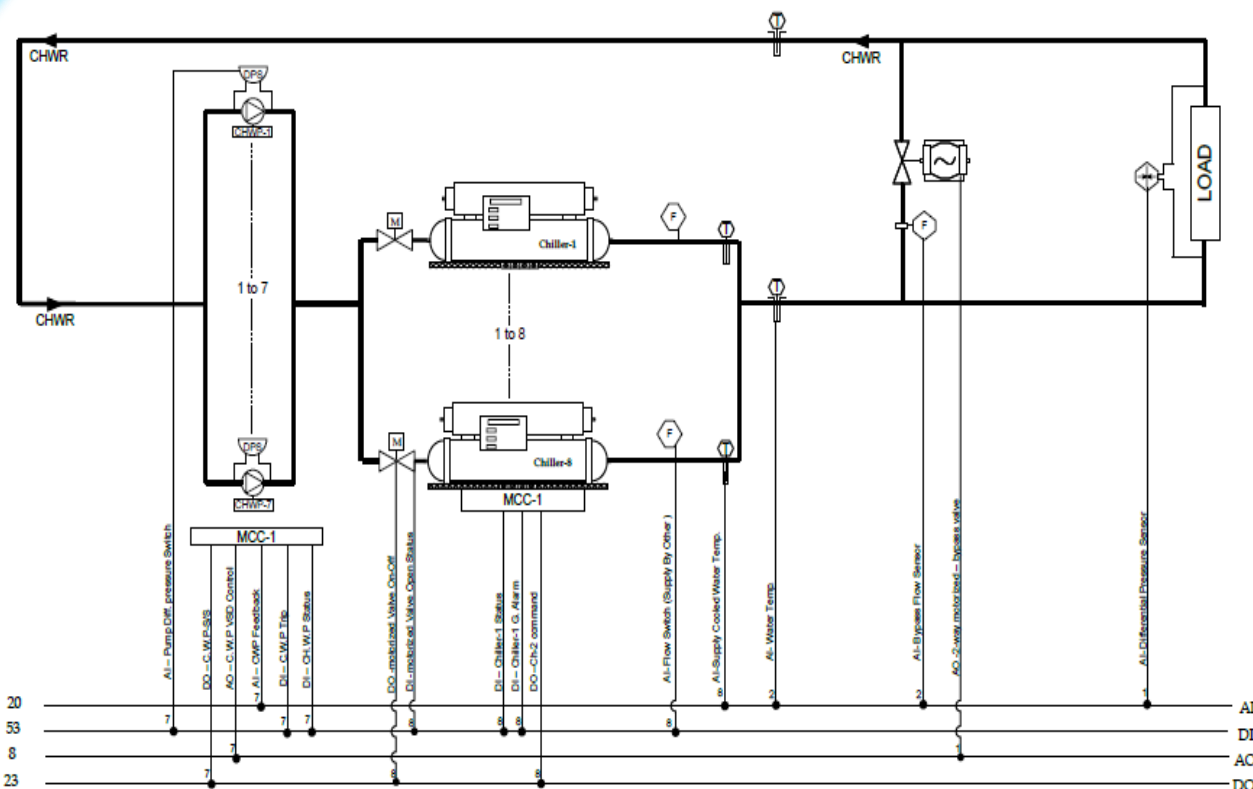
It is supposed to fulfil the main shopping needs for the military personals living and working at the new headquarters of the ministry of defense

Our Building Management System by Automated Logic is designed and executed to offer a complete building management system solution for controlling, monitoring and reporting all MEP systems

Project Stake Holders

- Owner: ادارة الاثغال العسكرية
- Consultant: Sabbour
- Main Contractor: Samcrete Engineers and contractors
- MEP Contractor: Expert for engineering projects

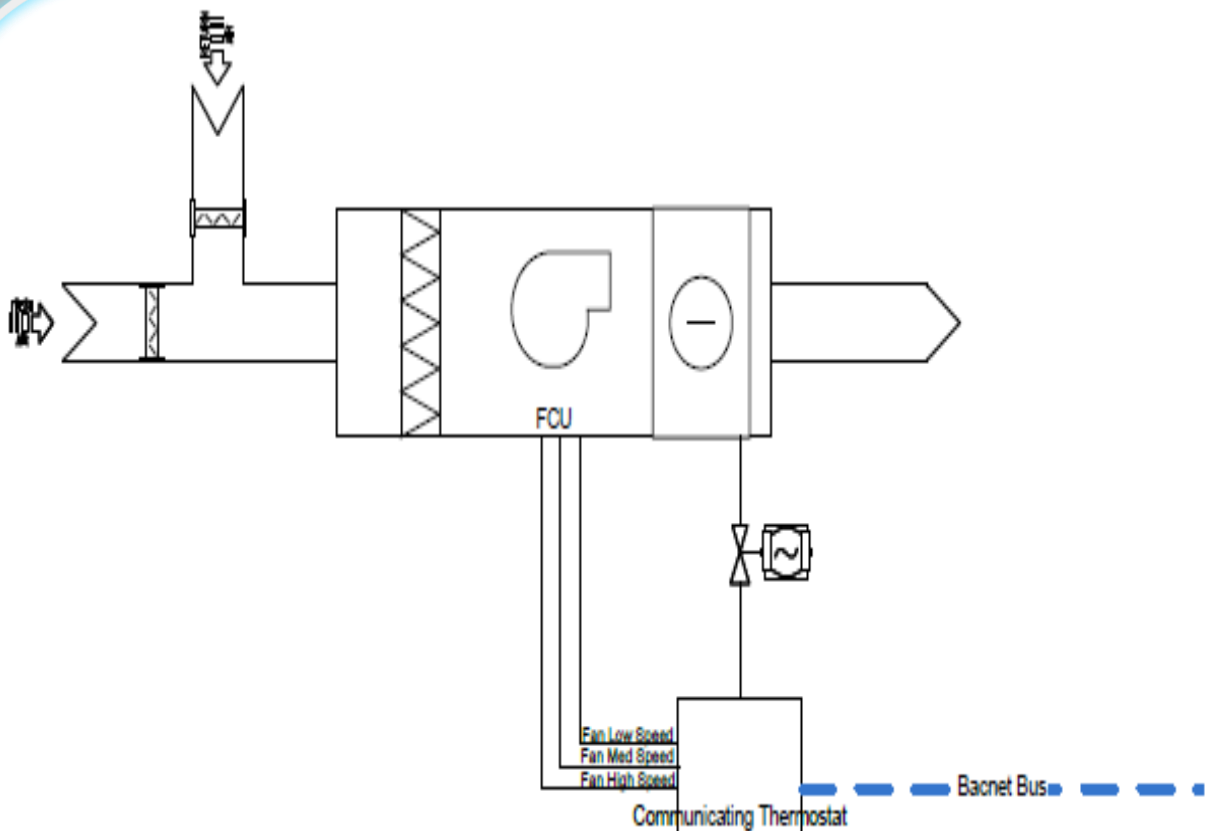
Chilled Water System



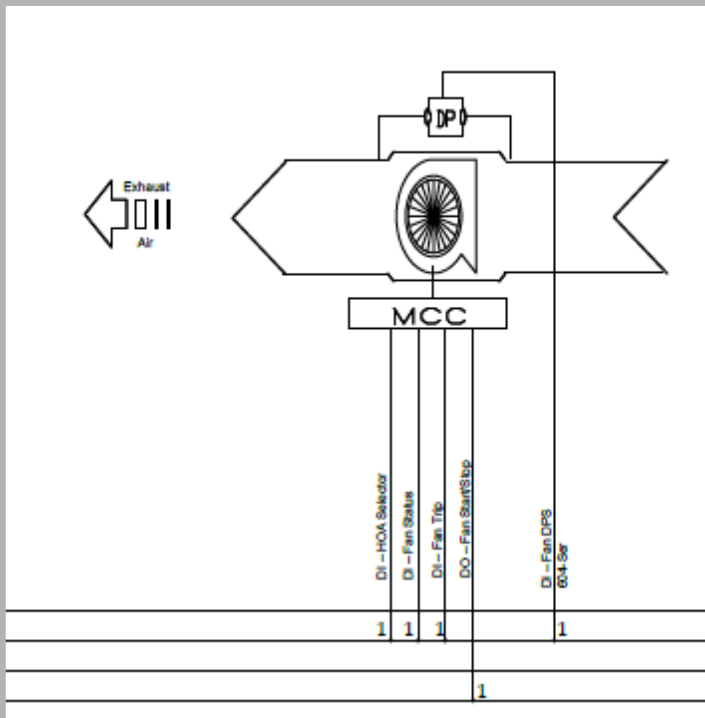
DATE	DESIGNED	BMS CHECKED	CONSULTANT APPROVED	SCALE	DESCRIPTION	Owner	Contractor	Consultant	BMS Supplier	Project
	A.M.		NTS	As Designed						30,000 Mall- Building 110
REV	DESIGNED	BMS CHECKED	CONSULTANT APPROVED	SCALE	DESCRIPTION					DDC Panel Title: Chilled Water System
										Drawing ID: Schematic Diagram Sheet No.5/19

Building Management System Components

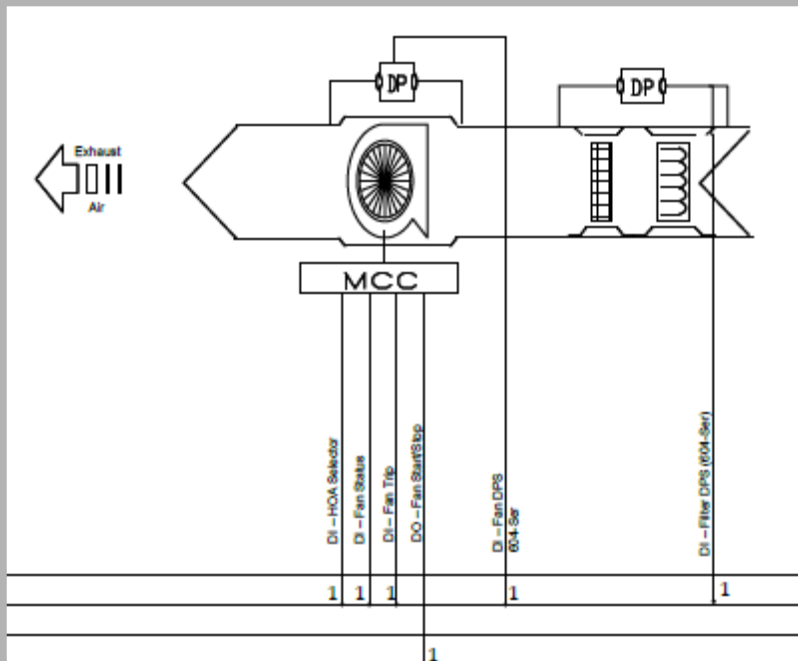
- Chilled Water System (8 air cooled chillers + 8 variable speed chilled water pumps)
- Chiller software interface
- Air Handling Units (Qty:08)
- Fan Coil Units (Qty:27)
- Exhaust fans (Qty:02)
- Fresh Air Fans (Qty:08)
- Smoke Fans (Qty:13)
- Pressurization fans (Qty:04)
- Elevators (Qty:10)
- Generators + ATS (Qty:02)
- MDB,EMDB (Qty:01)
- Submersible Pumps (Qty:05)
- Fire Alarm Software interface



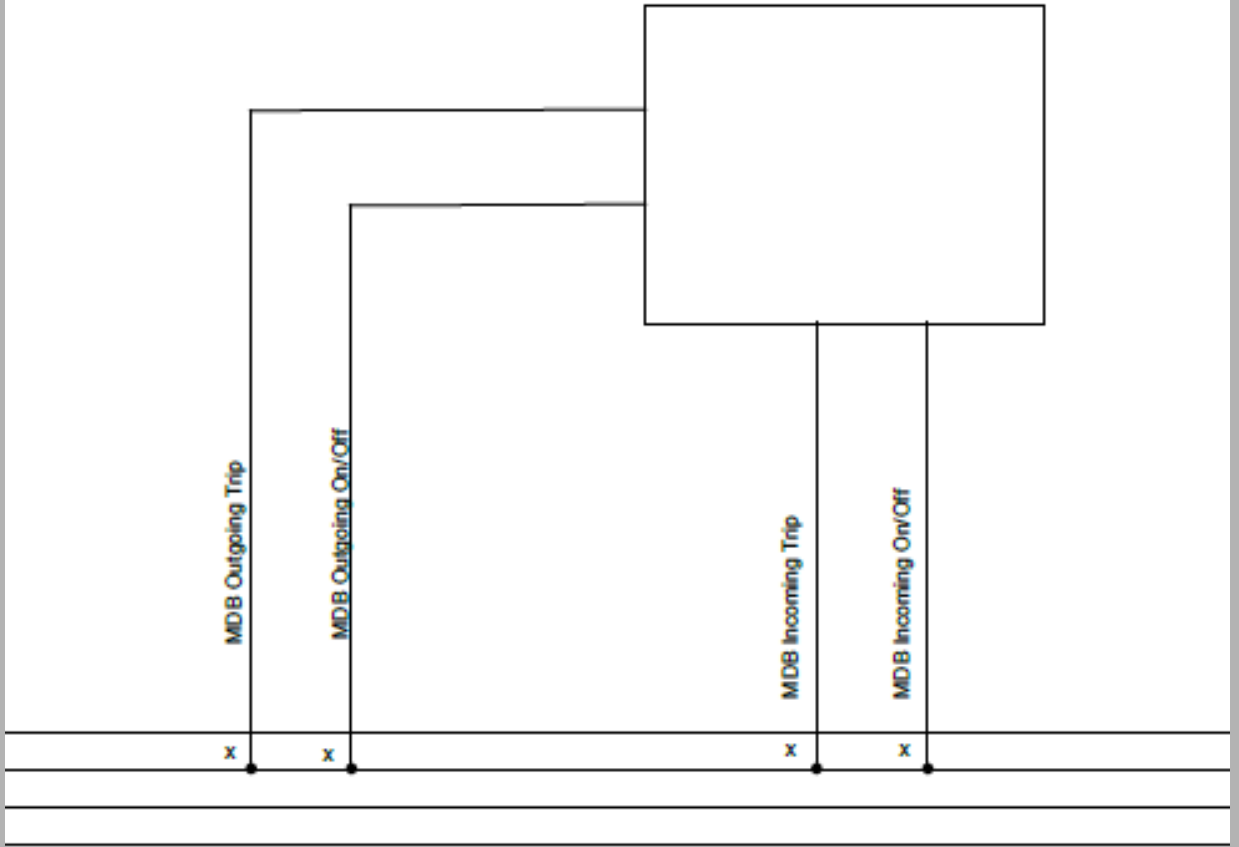
Typical Fresh Air Fans



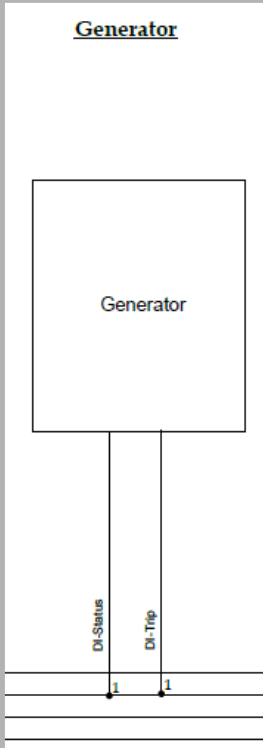
Typical Exhaust Air Fans



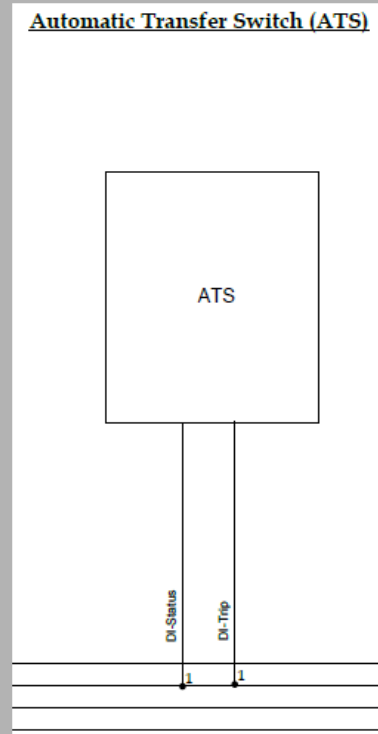
MDB-01,02,03 & 04



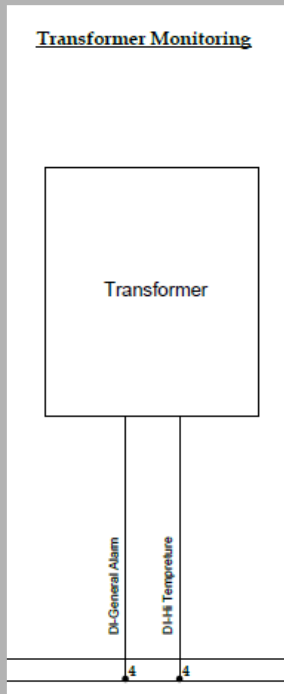
Generator



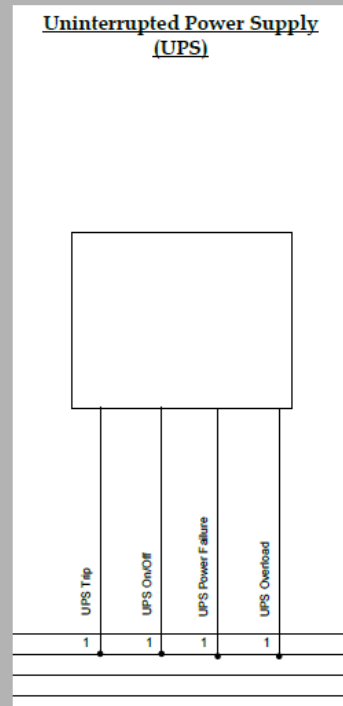
Automatic Transfer Switch (ATS)



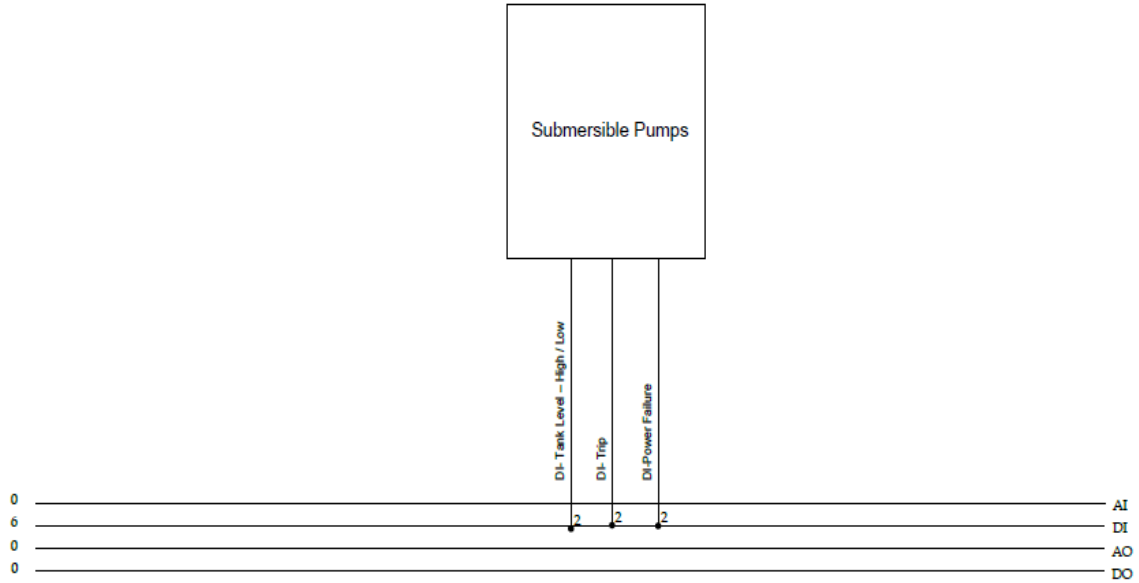
Transformer Monitoring



Uninterrupted Power Supply (UPS)



Submersible Pumps



DATE						Owner	Contractor	Consultant	BMS Supplier	30,000 Mall- Building 110	
				NTS	As Designed					DDC Panel:	Title: Submersible Pumps
REV	DESIGNED	BMS CHECKED	CONSULTANT APPROVED	SCALE	DESCRIPTION					Drawing ID: Schematic Diagram	Sheet No:19/19

CONTACT US



(+20) 010 0602 0953
(+202) 26 70 2306



info@electracontrol.com



www.electracontrol.com