

MEP COORDINATION

DISCIPLINES	NAME	DATE	SIGNATURE
ME - HVAC	ATEF ZEIN		
ME - PLUM	ATEF ZEIN		
EE	SAMM HAMZI		

NOTES :

- 1- ALL DIMENSION ARE IN MILLIMETER.
- 2- ALL CONDUITS RUN EMBEDDED IN CONCRETE SLAB BE IN 20mm# PVC CONDUIT UNLESS OTHERWISE INDICATED.
- 3- ALL EXPOSED CONDUITS SHALL BE IN 20mm# RIGID STEEL CONDUITS UNLESS OTHERWISE INDICATED.
- 4- WIRING FOR FIRE ALARM DEVICES WILL BE AS PER MANUFACTURER RECOMMENDATION.
- 5- THE FIRE ALARM SYSTEM WILL BE CONNECTED TO ALL ELEVATORS IN CASE THERE IS FIRE CONDITION THE ELEVATORS WILL GO DOWN TO THE GROUND FLOOR.
- 6- FIRE ALARM INSTALLATION WILL BE TO THE LATEST RULES AND REGULATION OF FIRE DEPARTMENT ,QATAR.
- 7- ALL WIRING WILL BE FIRE RETARDANT CABLE ACCORDING TO QATAR FIRE DEPARTMENT STANDARD.
- 8- ALL INSTALLATION IN WET AND HUMID AREAS WILL BE WEATHER PROOF EVEN THOUGH SPECIFICALLY INDICATED ON THE DRAWING OR NOT.
- 9- THE SYSTEM WILL BE PROVIDE TOWN ADDRESS ABILITY FOR ALL OUTSTATION DEVICES CONNECTED TO IT.
- 10- IN CASE OF FIRE SIGNAL THE FACT SHALL SWITCH OFF THE HVAC UNITS AS PROGRAMMED. FIRE ALARM CONTRACTOR PROVIDE ALL CONTROLS AND WIRING UP TO THE RESPECTIVE HVAC UNITS.
- 11- CONTRACTOR WILL COORDINATE THE LOCATION OF ALL DETECTOR AND OTHER FIRE ALARM DEVICES WITH RESPECT TO OTHER SERVICES.
- 12- COORDINATE WITH ELEVATOR CONTRACTOR AND PROVIDE ALL SIGNALS REQUIRED.
- 13- FOR REFERENCE DRAWING EXTRA LOW VOLTAGE LAYOUT REFER TO DRAWING NO. MS.04.100.I.
- 14- FOR REFERENCE DRAWING EXTRA LOW VOLTAGE FIRE ALARM RISER DIAGRAM REFER TO DRAWING NO. MS.04.501.C.
- 15- FOR REFERENCE DRAWING EXTRA LOW VOLTAGE EMERGENCY VOICE EVACUATION SYSTEM REFER TO DRAWING NO. MS.04.502.C.
- 16- FOR REFERENCE DRAWING EXTRA LOW VOLTAGE FIRE TELEPHONE SYSTEM RISER DIAGRAM REFER TO DRAWING NO. MS.04.503.C.
- 17- FOR REFERENCE DRAWING EXTRA LOW VOLTAGE LEGEND REFER TO DRAWING NO. E.04.02.
- 18- FOR REFERENCE DRAWING EXTRA LOW VOLTAGE NOTES REFER TO DRAWING NO. E.04.03.

LEGEND :

	20x1.5mm ² WIRE SCREENED TYPE FIRE RESISTANT IN 25mm# PVC PIPE EMBEDDED IN LEVEL 1 SLAB
	SMOKE DETECTOR
	SMOKE DETECTOR WITH SOUNDER
	HEAT DETECTOR
	DUCT DETECTOR
	HORN AT 2200mm.
	MANUAL STATION AT 1500mm A.F.F.L.
	INTERFACE MODULE FOR HVAC, FT EQUIPMENT, SEF, ELEVATORS, ETC. WEATHERPROOF
	DAU DISTRIBUTED AMPLIFIER UNIT
	MAIN DISTRIBUTION BOARD
	VOICE ALARM SYSTEM SPEAKER
	FIRE TELEPHONE AT 1500mm A.F.F.L.
	MOTORIZED SMOKE/FIRE DUMPER ABOVE FALSE CEILING
	DUCTED FAN COOL UNIT

ABBREVIATION:

FACP	FIRE ALARM CONTROL PANEL
PVC	POLY VINYL CHLORIDE
BMS	BUILDING MANAGEMENT SYSTEM
LF	LOOP NO. 6
MSD	MOTORIZED SMOKE DUMPER
FR CABLE	FIRE RETARDANT CABLE

REV	DATE	DRAWN BY	CHECKED BY	APPROVED BY	DESCRIPTION
0	15-10-2006	C. MANCINI	SAMM HAMZI	ATEF ZEIN	FIRST ISSUE FOR APPROVAL

EMPLOYER :



United Development Company
P.O. Box 7206
Doha, Qatar
T 974 435 1542
F 974 435 5219

FOR ENGINEER'S STAMP:

PROJECT MANAGEMENT & CONSULTANTS (PMC):



dar al-handasah
shair and partners
DOHA - BEIRUT - CAIRO - LONDON

MAIN CONTRACTOR:




CONTRACTOR:
Qatari Arabian Construction Co.
P.O. Box 24001
Doha, Qatar
T 974 442 7316
F 974 442 7310

SUB CONTRACTOR:




QATAR TECHNICAL SUPPORT
ELECTRO - MECHANICAL ENGINEERING
P.O. BOX 23308 DOHA QATAR TEL: 44600111 FAX:4680948

PROJECT NAME:



THE PEARL
QATAR



PORTO ARABIA
THE PEARL - QATAR
PARCELS PA-04 & PA-05

PARCEL-04
LEVEL 0 - AMENITY
FIRE ALARM SYSTEM

SIZE	DATE	ORG	TRADE	LOC / BUILDING	FLOOR / LEVEL	SERIAL NUMBER	REV
15-10-2006	0	S	C	B	T	A	0
							0
							1
							5
							0

