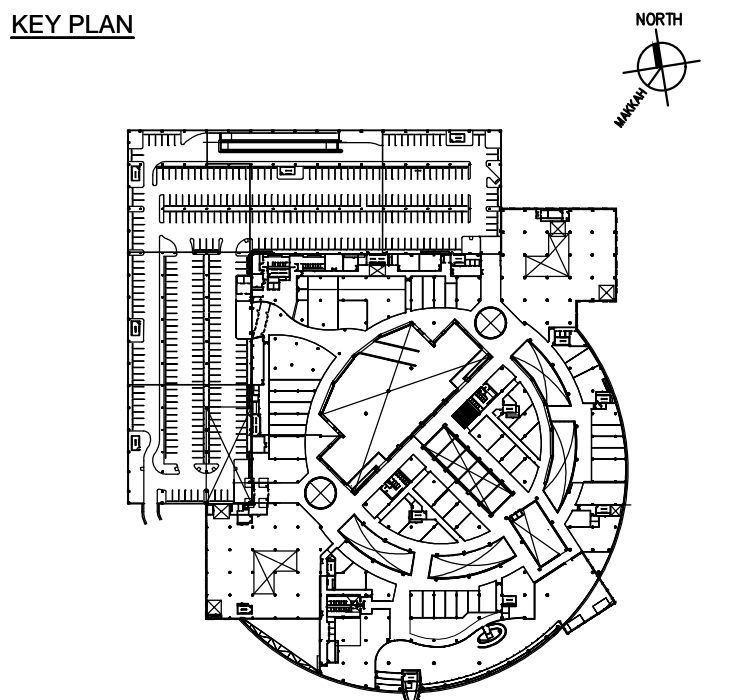


FAN COIL UNITS SCHEDULE:

FCU NO.	RETAIL NO.	MODEL	SUPPLY AIR (CFM)	FRESH AIR (L/S)	COOLING LOAD (BTU/Hr)		ELEC. HEATER (KW)	CHILLED WATER FLOW (L/S)	MOTOR (WATT)
					TOTAL	SENSIBLE			
F102	M1-44	42DC-12	1145	80	23243	18801	2.5	0.29	149.2

- NOTE:-
1. ALL FCUS ARE SLECTED AT MEDIUM SPEED.
 2. CHILLED WATER FLOW AND RETURN TEMPERATURES = 7.2 °C AND 12.8°C .
 3. EXTERNAL STATIC PRESSURE IS 40PA.



- NOTES:
- * THIS DRAWING IS ACCURATE AS AT THE DATE SHOWN ON THE DRAWING.
 - * THIS DRAWING IS SUBJECT TO CHANGE AS PLANNING, DEVELOPMENT AND CONSTRUCTION CONTINUES THROUGH UNTIL OPENING OF THE SHOPPING CENTRE.
 - * IT IS THE RESPONSIBILITY OF THE RECIPIENT OF THIS DRAWING TO UPDATE THEMSELVES WITH ANY SUBSEQUENT REVIEWS, UPDATES, ADDITIONS, DELETIONS AND/OR SUBSTITUTIONS.
 - * TAMDEEN SHOPPING CENTRE DEVELOPMENT CO. (OR ANY OF IT'S AFFILIATED COMPANIES) DOES NOT ACCEPT ANY LIABILITY OF ANY FORM FOR THE RECIPIENT'S USE AND/OR INTERPRETATION OF THIS DRAWING.
 - * REFER TO 360° -KWUWAIT INVESTOR FITOUT & DESIGN GUIDELINES

- HVAC NOTES :
1. FAN COIL UNITS SHALL BE SUPPLIED AND INSTALLED BY LAND LORD AND PAID FOR BY TENANT.
 2. DUCT WORK DISTRIBUTION FROM FCU TO DIFFUSER SHALL BE THE TENANTS RESPONSIBILITY.
 3. ALL DIMENSION ARE IN MM UNLESS OTHERWISE SPECIFIED.
 4. ALL FLOW RATES ARE IN LITERS PER SECOND UNLESS SHOWN OTHERWISE.
 5. ALL DUCT SIZES ARE CLEAR INSIDE DUCT DIMENSION.

LEGEND & ABBREVIATIONS :

FCU	-----	FAN COIL UNIT
AHU	-----	AIR HANDLING UNIT
FAD	-----	FRESH AIR DUCT
SAD	-----	SUPPLY AIR DUCT
RAD	-----	RETURN AIR DUCT
EAD	-----	EXHAUST AIR DUCT
TE	-----	TOILET EXHAUST
SACD	-----	SUPPLY AIR CEILING DIFFUSER
RACD	-----	RETURN AIR CEILING DIFFUSER
FFL	-----	FINISH FLOOR LEVEL
BOD	-----	BACK DRAFT DAMPER
SD	-----	SMOKE DAMPER
FD	-----	FIRE DAMPER
BOD	-----	BOTTOM OF DUCT
CL	-----	CENTER LINE LEVEL
H/L	-----	HIGH LEVEL
L/L	-----	LOW LEVEL
T/A	-----	TO ABOVE
T/B	-----	TO BELOW
F/A	-----	FROM ABOVE
F/B	-----	FROM BELOW
AD	-----	ACCESS DOOR
VCD	-----	VOLUME CONTROL DAMPER
T	-----	THERMOSTAT (WALL MOUNTED)
CD	-----	CONDENSATE DRAIN PIPE
CHWS	-----	CHILLED WATER SUPPLY PIPE
CHWR	-----	CHILLED WATER RETURN PIPE
CV	-----	COMMISSION SET
IV	-----	ISOLATE VALVE
FD	-----	FLOOR DRAIN

PROJECT:

360° MALL
SOUTH SURRA, KUWAIT

OWNER:

ت.م.د. ب. ن.
TAMDEEN
SHOPPING CENTERS

HVACITECT:

RTKL
RTKL International Ltd.
1717 Pacific Avenue
Dallas, Texas 75201-4688
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CONSULTANT:

OHA ENGINEERING CONSULTANT
CONSULTANT ENGINEERS, HVACITECTS & PLANNERS
TEL:2420508/518 - 2420632/1 - 2420370/2473, FAX:2420611
P. O. Box 6249, HAWAILLY, CODE NO:32037, Kuwait
E-mail:oha@oec.moc.kw

MAIN CONTRACTOR:

A Ahmadiyah Cont. & Trading Co.
الهيئة العامة للتجارة ومعالجة

DRAWING TITLE:

HVAC PLAN

RETAIL NO.		M1-44			
DATE	SCALE	DRAWN BY	CHECKED BY	APPROVED BY	
28-02-08	1:50 @ A1	-----	-----	-----	
TRADE	ACTG.REV.	DRAWING No.	OF	REV.	
HVAC	09	AC-05	05	00	