

NOTE : THERMOSTAT LOCATION BY TENANT

WMS	WIREMESH SUPPLY
WME	WIREMESH EXHAUST

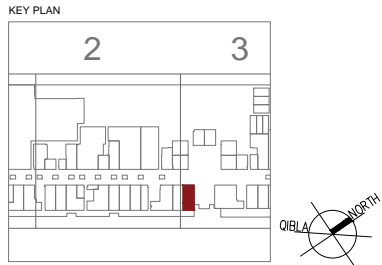
- * STARTER PANEL WILL BE LOCATED AT HIGH LEVEL
- * 15M THERMOSTAT CABLE LENGTH WILL BE PROVIDED AS PER CONTRACT.
- * EXHAUST FAN WILL BE LOCATED AT ROOF BETWEEN AXIS 26-27 & P-N
- * KITCHEN EXHAUST DUCT IS SIZED TO MAXIMUM EXPECTED HOOD EXHAUST. THE VALUE SHOWN IN SCHEDULE IS BASED ON KITCHEN EXHAUST FLOW RATE EQUAL TO 35ACH BASED ON ASHRAE RECOMMENDATION.
- * MAXIMUM RECOMMENDED VELOCITY FOR KITCHEN EXHAUST DUCT IS 1450 FPM
- * MAXIMUM RECOMMENDED VELOCITY FOR FRESH AIR DUCT IS 1400 FPM
- * COWL EXTENSION/CHIMNEY SHALL NOT EXCEED THE ARCHITECTURAL

WMS	WIREMESH SUPPLY
WME	WIREMESH EXHAUST



DUCT SERVING TO OTHER AREA

Equipment Tag Number.	Area Served				Supply Air Fan								Cooling Coil								Electrical Data			REMARKS
	Qty	Floor	Space	MEW ACTIVITY	FA (l/s) Total	EA (l/s) Total	HRU	SA/Unit (l/s)	RA/Unit (l/s)	ESP (Pa)	Fan Motor Power/Unit (kW)	Speed Control	On Coil		Off Coil		TC (kW)	SC (kW)	CHW Flow (l/s)	Min Pipe Connection (mm)	Volt	Phase	Hz	
													DB (°C)	WB (°C)	DB (°C)	WB (°C)								
AHU-G-0079B	1	GROUND FLOOR	F & B DINING	RESTAURANT DINING	372	0		1314	942	250.0	2.20	constant	33.1	24.4	13.1	12.5	58.2	31.6	1.545	50.0	415	3.0	50.0	PACKAGE AHU
Equipment Tag Number.	Area Served				Supply Air Fan								Cooling Coil								Electrical Data			REMARKS
	Qty	Floor	Space	MEW ACTIVITY	FA (l/s) Total	EA (l/s) Total	HRU	SA/Unit (l/s)	RA/Unit (l/s)	ESP (Pa)	Fan Motor Power/Unit (kW)	Speed Control	On Coil		Off Coil		TC (kW)	SC (kW)	CHW Flow (l/s)	Min Pipes Connection (mm)	Volt	Phase	Hz	
													DB (°C)	WB (°C)	DB (°C)	WB (°C)								
AHU-G-0079B.K	1	GROUND FLOOR	F & B KITCHEN SUPPLY	KITCHEN	0	0		552	552	250.0	1.10	constant	26.5	19.2	13.1	12.4	12.5	8.9	0.333	25.0	415	3.0	50.0	PACKAGE AHU
Equipment Tag Number.	Qty	Area Served			Supply Air Fan								Cooling Coil				Electrical Data			REMARKS				
		Floor	Space	MEW ACTIVITY	FA (l/s)	ESP (Pa)	Fan Motor Power/Unit (kW)	Speed Control	On Coil		Off Coil		TC (kW)	SC (kW)	CHW Flow (l/s)	MIN Pipe Connection (mm)	Volt	Phase	Hz					
									DB (°C)	WB (°C)	DB (°C)	WB (°C)												
MUA-G-0079B	1	GROUND FLOOR	F&B KITCHEN	KITCHENS	2150	200.0	3.00	constant	47.4	31.8	26.7	25.3	77.4	53.3	2.540	50.0	415	3.0	50.0					
Equipment Tag Number.	Qty	Area Served			2 Stage Kitchen Exhaust Unit				Electrical Data				REMARKS											
		Floor	Room ID	Space	Exhaust Rate (l/s)	ESP (Pa)	Speed	rpm	Fan Motor Power (kW)	Volt	Phase	Hz												
KEF-G-0079B	1	GROUND	G-0079B	F&B KITCHEN	2588	300	Constant	1450	2.20	415	3	50	BYTENANT											



- NOTES
1. DRAWINGS DIMENSIONS ARE TO BE READ NOT TO BE SCALED.
 2. ARCHITECTURAL DRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER SERVICE DRAWINGS AND CONTRACT DOCUMENTS AND IN CASE OF ANY DISCREPANCIES ARISE BETWEEN THESE DRAWINGS AND ANY OF THE DOCUMENTS THEY SHOULD BE IMMEDIATELY REPORTED TO THE ENGINEER BEFORE THE COMMENCEMENT OF ANY WORK ON SITE.
 3. ALL THE LEVELS AND DIMENSIONS MUST BE CHECKED AND VERIFIED BY THE MAIN CONTRACTOR BEFORE THE COMMENCEMENT OF ANY ITEM OF WORK ON THE SITE OR THE PREPARATION OF THE SHOP DRAWINGS.
 4. THE INVESTOR'S EXTERNAL FACING SHOPFRONT SIGNAGE (IF ANY) MUST STRICTLY COMPLY WITH THE OWNER'S REQUIREMENTS AND DIRECTIONS.
 5. NO CHANGES AND/OR PENETRATIONS OF ANY DESCRIPTION WILL BE PERMITTED TO THE OWNER- PROVIDED EXTERNAL GLASS SHOP FRONTS.
 6. SUPPLY, STORAGE AND PROTECTION OF EXPANSION JOINT COVERS AND RELATED ACCESSORIES INSIDE ALL INVESTOR SPACES IS BY THE OWNER. INSTALLATION OF THE SAME WILL BE BY THE INVESTOR. SUPPLY AND INSTALLATION OF THE VAPOR BARRIER, FIRE BARRIER & INSULATION DRAPE ASSEMBLY WILL BE BY THE OWNER.
 7. THIS DRAWING IS INDICATIVE ONLY (NOT TO BE USED FOR CONSTRUCTION) AND IS ACCURATE AS AT THE DATE SHOWN ON THE DRAWING.
 8. THIS DRAWING IS SUBJECT TO CHANGE AS PLANNING, DEVELOPMENT AND CONSTRUCTION CONTINUES THROUGH UNTIL OPENING OF THE CENTRE.
 9. IT IS THE RESPONSIBILITY OF THE RECIPIENT OF THIS DRAWING TO UPDATE THEMSELVES WITH ANY SUBSEQUENT REVIEWS, UPDATES, ADDITIONS, DELETIONS AND /OR SUBSTITUTIONS.
 10. IT IS THE RESPONSIBILITY OF THE INVESTOR TO UNDERTAKE AN ON-SITE MEASURE TO VERIFY ALL DIMENSIONS SHOWN ON THIS DRAWING.
 11. TAMDEEN REAL ESTATE CO. DOES NOT ACCEPT ANY LIABILITY OF ANY FORM FOR THE RECIPIENT'S USE AND/OR INTERPRETATION OF THIS DRAWING.
 12. THE ANCHOR BOLT SIZE USED FOR ANY FLOORING SUPPORTING SYSTEM SHOULD NOT EXCEED MORE THAN 8mm DEPTH TO AVOID ANY DAMAGE THAT MAY CAUSED IN THE IMBEDDED PVC CONDUIT.

FOR REVIEW

OWNER

تمدين
TAMDEEN
GROUP

PROJECT TITLE

Al Khiran Outlet Mall

CONSULTANTS

cracknell SSH

DESIGN ARCHITECT

CALLISON|TKL
A DESIGN CONSULTANCY OF ARCADIS

ENGINEER OF RECORD

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OHA ENGINEERING CONSULTANT
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DRAWING TITLE:

GROUND FLOOR
RESTAURANT - HVAC PLAN

UNIT NO. G-116

USAGE. RESTAURANT

TRADE	SCALE	DATE
HVAC	1:50 @ A1	NOV 2020
DRAWN BY	CHECKED BY	APPROVED BY
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DRAWING No.	OF	REV.
AC-01	04 OF 09	01