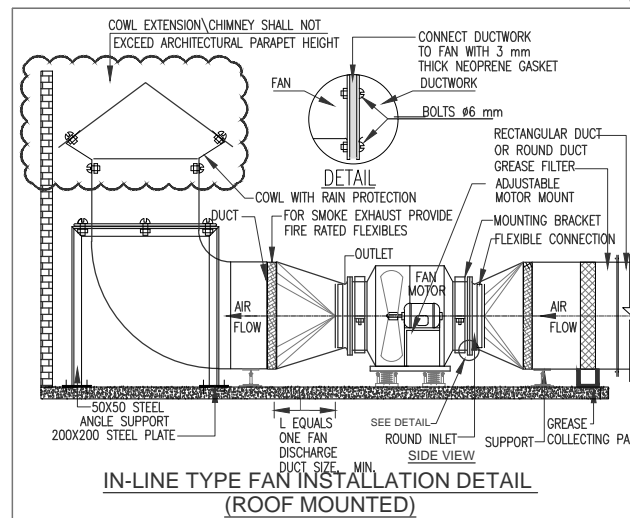


Equipment Tag Number.	Qty	Area Served			2 Stage Kitchen Exhaust Unit					Electrical Data			REMARKS
		Floor	Room ID	Space	Exhaust Rate (l/s)	ESP (Pa)	Speed	rpm	Fan Motor Power (kW)	Volt	Phase	Hz	
KEF-G-0067A	1	GROUND FLOOR	G-00067A	F&B KITCHEN	2455	300	Constant	1450	2.20	415	3	50	BY TENANT



IN-LINE TYPE FAN INSTALLATION DETAIL
(ROOF MOUNTED)

NOTE : THERMOSTAT LOCATION BY TENANT

- * 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 N-P & 10-11
- * 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 PARAPET HEIGHT

TENDER NO.
(G-0067A)

F & B
G-132

MUA-G-0067A
BOU +6.280

NON TREATED FRESH AIR
DUCT PROVISION FAN WILL
BE INSTALLED BY THE
TENANT IF REQUIRED.

600x600 FA
BOD+5.400

600x600 FA
F/A

750x750 KEA
T/A (KEF-G-0067A)
750x750 KEA
BOD+5.400

ø50 CHWS&R
BOP+6.200
AHU-G-0067A
BOU +6.280

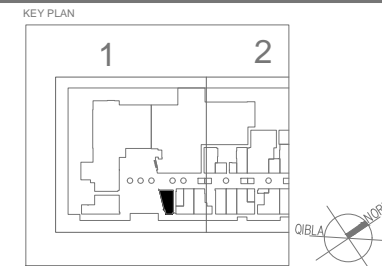
ø25 CHWS&R
BOP+6.192
ø40 CD
BOP+5.950

ø50 CHWS&R
BOP+6.185
ø50 CD
BOP+5.574
ø40 CD
BOP+5.950

ø25 CHWS&R
BOP+6.200

Equipment Tag Number.	Qty	Area Served			Supply Air Fan								Cooling Coil								Electrical Data			REMARKS
		Floor	Space	MEW ACTIVITY	FA/ UNIT (l/s)	EA/ UNIT (l/s)	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)	Pipe Connection (mm)	Volt	Phase	Hz	
													DB (°C)	WB (°C)	DB (°C)	WB (°C)								
AHU-G-0067A	1	GROUND FLOOR	F&B DINNING	RESTURANT DINING	341	0		1200	859	250	2.200	constant	33.1	24.4	13.1	12.5	53.2	28.9	1.411	50	415	3	50	PACKAGE AHU
AHU-G-0067 A K	1	GROUND FLOOR	F&B KITCHEN SUPPLY	KITCHENS	0	0		504	504	250	1.100	constant	26.5	19.2	13.1	12.4	11.5	8.1	0.305	25	415	3	50	PACKAGE AHU REFER KEF SCH.FOR EA

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)	Pipe Connection (mm)	Volt	Phase	Hz	
									DB (°C)	WB (°C)	DB (°C)	WB (°C)								
MUA-G-0067A	1	GROUND FLOOR	F&B KITCHEN	KITCHENS	1964	200	2.200	Constant	47.4	31.8	26.7	25.3	70.70	48.71	1.877	50	415	3	50	



- 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

CALLISONRTKL
A DESIGN CONSULTANCY OF ARCADIS

ENGINEER OF RECORD

مطعم ومقهى االخيران
OHA ENGINEERING CONSULTANT
P.O. Box 8246 HAWAILLY, CODE NO. 02027 - KUWAIT
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MANAGED BY

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TEL: +965 25362330
FAX: +965 25362360
WWW.TAMDEENMALLS.COM

DRAWING TITLE:

GROUND FLOOR
RESTAURANT - HVAC PLAN

UNIT NO.	G-132	
USAGE.	RESTAURANT	
TRADE	SCALE	DATE
HVAC	1:50 @ A1	JAN 2021
DRAWN BY	CHECKED BY	APPROVED BY
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DRAWING No.	OF	REV.
AC-01	04 OF 09	01