



TAXI ASSOCIATION BUILDING HVAC LAYOUT
SCALE 1:100

ITEM	QTY	COOLING CAPACITY (kW)	HEATING CAPACITY (kW)	FLOW RATE (L/S)	POWER SUPPLY (pH/Hz/V)	CURRENT (A)	POWER INPUT (kW)
FWCU-01	3	3.5	4.2	-	1/50/220-240	10.92(MCA), 13(MFA)	0.95
FWCU-02	2	5.7	5.7	-	1/50/220-240	14.76(MCA), 16(MFA)	1.72
HAU-02	1	7.0	7.6	-	1/50/220-240	10.5	2.33
HAU-03	3	14.1	15.8	-	1/50/220-240	6.8	4.63
EXF-02	1	-	-	470.78	3/50/380-415	1.1	0.4

DUCT & PIPE LEGEND

- DUCTING :**
- Supply Air Duct
 - Fresh Air Duct
 - Extract Air Duct
 - Black steel Air Duct
 - Return Air Duct
 - Refrigerant Piping
 - Condensate Piping

HVAC KEY

	Door Grille
	Single Phase Isolator
	Three Phase Isolator
	Drain point
	Extractor Fan c/w 2x sound attenuators & flexible ducts
	Wall Mounted Extraction Fan
	Under Ceiling Unit
	Round Flow Cassette Unit
	Damper
	AC Controller
	Midwall Split Unit
	Hide-Away Split Unit
	Heat Recovery Box
	Supply Air Diffuser
	Extraction Air Diffuser
	Supply Air Grille
	Condensing Unit
	Condenser
DG	Door Grille
SAG	Supply Air Grille
RAG	Return Air Grille
EXF	Extractor Fan
WMEF	Wall Mounted Extraction Fan
RFCU	Round Flow Cassette Unit
HRB	Heat Recovery Box
MWU	Midwall Unit
FAF	Fresh Air Fan

- NOTES / LEGEND**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND SPECIFICATIONS ISSUED TO THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE LOCATION OF SERVICES, ACCESS POINTS, TEST POINTS AND EQUIPMENT ON SITE PROVIDE FOR SAFE COMMISSIONING AND MAINTENANCE IN ACCORDANCE WITH THE SANS REGULATIONS.
 - THE CONTRACTOR IS RESPONSIBLE FOR SETTING OUT THE CONTRACT WORKS AND SHALL TAKE ALL MEASUREMENTS NECESSARY TO ENSURE THE WORKS ARE BUILT IN ACCORDANCE WITH GOOD PRACTICE. THE CONTRACT DRAWINGS, SPECIFICATIONS AND O.H.S ACT.
 - IT SHALL BE INCUMBENT ON THE CONTRACTOR TO CO-ORDINATE THE SERVICES WITH ALL OTHER WORKS AND OBTAIN ALL INFORMATION NECESSARY FOR THE INSTALLATION FROM THE RELEVANT PARTIES.

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DO NOT SCALE
IF IN DOUBT, REFER TO DRAWING OFFICE

CLIENT PLAN NUMBER

AMENDMENTS CODE

DATE	INITIAL	No./CODE	REVISION DESCRIPTION
14.04.2025	JK	TD	Issued For Tender
20.03.2025	JK	B	Issued For Review and Approval
27.11.2024	JK	A	Issued For Review

APPROVED BY COUNCIL / CLIENT

CITY ENGINEER / CLIENT REG. NO. DATE

CONSULTANT

aseda
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CLIENT



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PROJECT

**KURUMAN BUS
AND TAXI RANK**

DRAWING TITLE

**TAXI ASSOCIATION
OFFICES – HVAC
LAYOUT**

ENGINEER/TECHNOLOGIST

DATE

SCALE: 1 : 100	DRAWN: J KIBULUNGU
DESIGNED: J KIBULUNGU	CHECKED: AA MAHERRY
REG. NO. ...	#20190924
PLAN NUMBER	REVISION NO.
084-A02-HVAC-DRW-001	TD
	14/04/2025