



OFFICE TICKET BUILDING HVAC LAYOUT  
SCALE 1:50

ITEM	QTY	COOLING CAPACITY (kW)	HEATING CAPACITY (kW)	FLOW RATE (L/S)	POWER SUPPLY (pH/Hz/V)	CURRENT (A)	POWER INPUT (kW)
FWCU-01	1	3.5	4.2	-	1/50/220-240	10.92(MCA), 13(MFA)	0.95
HAU-01	1	5.2	5.3	-	1/50/220-240	8	1.7
EXF-01	1	-	-	252.9	3/50/380-400	0.4	1.1

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			
1. 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			
2. 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 OHS ACT.			
3. 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.			
COPY RIGHT			
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
26.11.2024	JK	A	Issued For Review
APPROVED BY COUNCIL / CLIENT			
CITY ENGINEER / CLIENT		REG. NO.	DATE
CONSULTANT			
 International Business Gateway 1 Sputnik Avenue Midridge Park Midrand 1685 TEL: 011 312 4070 EMAIL: admin@aseda.co.za			
CLIENT			
Ga-Segonyana Local Municipality Postal: Private Bag X1522, KURUMAN, 8460 Physical: Cnr of Voortrekker and School Street, KURUMAN Tel: 053 712 9300 Fax: 053 712 3581			
PROJECT			
KURUMAN BUS AND TAXI RANK			
DRAWING TITLE			
OFFICE TICKET BUILDING — HVAC LAYOUT			
ENGINEER/TECHNOLOGIST			
SCALE	1 : 50	DRAWN	J KIBULUNGU
DESIGNED	J KIBULUNGU	CHECKED	AA MAHERRY
REG. NO.	...	REG NO.	#20190924
PLAN NUMBER		REVISION NO.	DATE SAVED
084-A01-HVAC-DRW-001		TD	14/04/2025