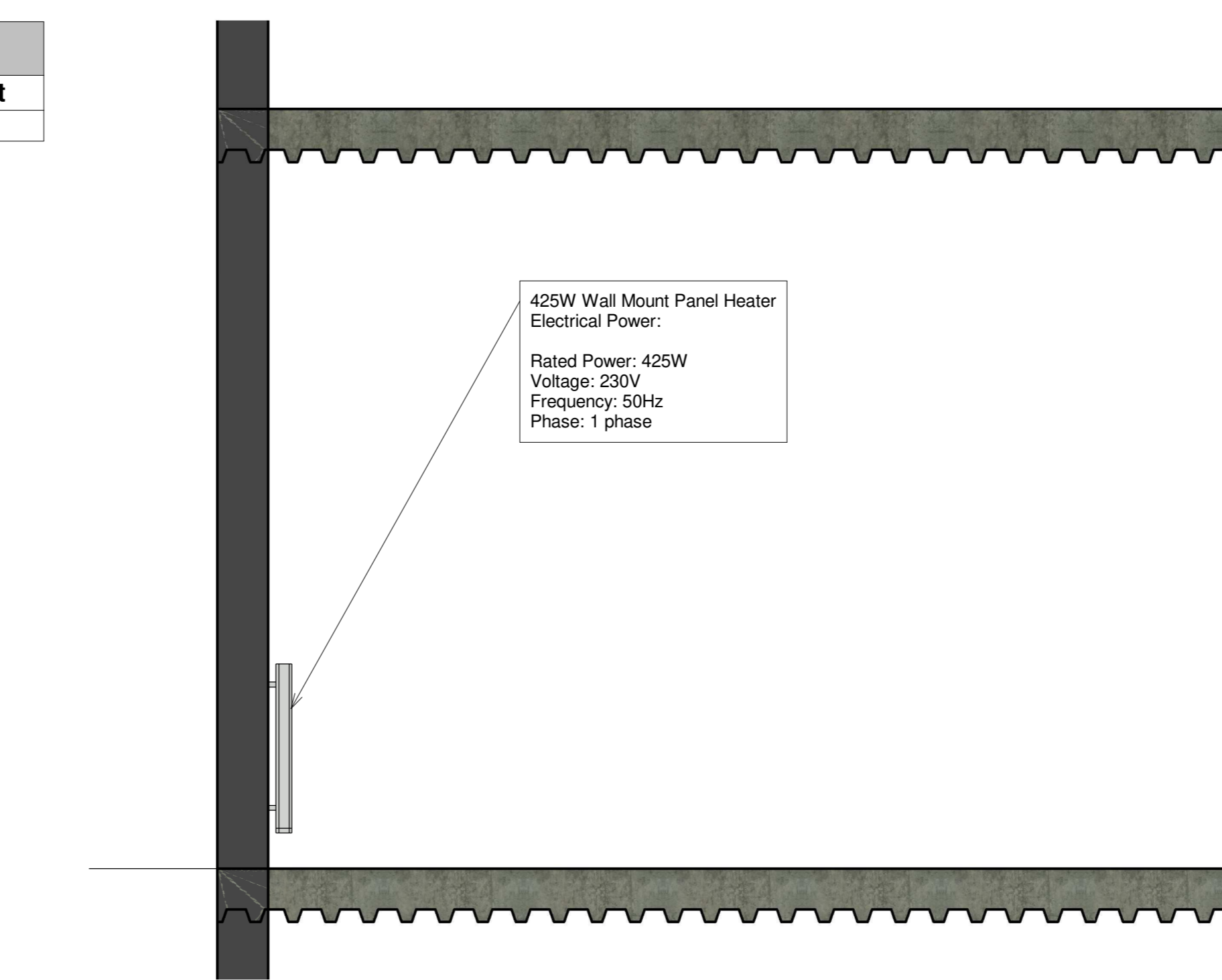


1 TYPICAL OFFICE PLAN
PANEL HEATER LAYOUT
1:100

Wall Mount Panel Heater Schedule		
Description	Power	Count
Panel Heater	425 W	32



2 Panel Heater
1:20

425W Wall Mount Panel Heater
Electrical Power:
Rated Power: 425W
Voltage: 230V
Frequency: 50Hz
Phase: 1 phase

NOTES:

- DUCTING TO BE MANUFACTURED IN ACCORDANCE TO ENACNA STANDARDS
- ALL DUCT DIMENSIONS INCLUDING DIMENSIONS FOR INSULATED DUCTS REFERS TO THE SHEET METAL SIZE.
- ALL DUCT PASSING THROUGH CONCRETE OR BRICK WALLS SHALL BE ISOLATED FROM THE WALLS BY MEANS OF A HIGH DENSITY GLOSS FIBRE COLLAR OF AT LEAST 25mm IN THICKNESS.
- GALVANISED STEEL SHALL BE USED FOR ALL AIR-CONDITIONING AND VENTILATION DUCTING
- ALL DUCTING SHALL BE PROVIDED WITH MEZZ FLANGES.
- ALL SUPPLY AND RETURN AIR DUCTING EXPOSED TO OUTDOORS SHALL BE EXTERNALLY DOUBLE CLASSED AND INSULATED AGAINST DIRECT SOLAR HEAT GAINS.
- ALL OPEN END DUCTS TO BE CAPPED OFF WITH PLASTIC PRIOR TO DELIVERY TO SITE.

LONGEST DUCT DIMENSION (m)	ROUND HANGER (mm)	GALVANISED STRIP HANGERS (mm)	SHELF ANGLES (mm)	HANGER SPACING (m)
UP TO 700	8	25x16	25x25x3	3.0
701 TO 1000	10	25x16	38x38x3	3.0
1000 TO 2100	10	25x16	50x50x3	2.4
2100 TO 2400	10	25x16	50x50x6	2.4
2401 TO ABOVE	12	25x16	50x50x6	2.4

- ALL DIFFUSER SUPPLY FLEXIBLE TO COME ON JUBILEE CLAMPS AND SEALED WITH DUCT TAPE ON FINAL INSTALLATION.
- ALL SUPPLY AIR DUCTING TO BE INSULATED EXTERNALLY WITH 25mm POLYURETHANE FIBREGLASS TYPE FFKF - ONLY AC DUCT
- ALL FLEXIBLES TO BE THERMALLY INSULATED - ONLY AC DUCT

- LEGEND**
- [T] WALL MOUNTED THERMOSTAT MOUNTED @ 1450mm A.F.F.L
 - [CT] ABOVE CEILING CONTROL THERMOSTAT LINKED @ DIFFUSER
 - [S] CEILING MOUNTED TEMPERATURE SENSOR LINKED TO BMS. (ALL SCREEN CONTROL CABLES TO RUN IN P8000 UNISTRUT).
 - [SP] STATIC PRESSURE SENSOR MOUNTED IN DUCT
 - [BTS] ZONE TEMPERATURE SENSOR @ RETURN AIR DUCT
 - * DOOR UNDERCUT - 20mm

- ELECTRICAL LEGEND**
- [1P] 1 PHASE ELECTRICAL EQUIPMENT
 - [3P] 3 PHASE ELECTRICAL EQUIPMENT
 - [SA] SA PLUG COMPLETE WITH SHAVED EARTH PINS
 - [AC DB] AC DB
 - [P 8000 UNISTRUT 2 OFF]

ARCHITECT

REVISIONS

REV.	DATE	BY	DESCRIPTION
0	30/08/2021	N.R.	ISSUED FOR TENDER

CLIENT



CONSULTANT



PROJECT

SABC Electrode Boiler Replacement

DISCIPLINE

MECHANICAL HVAC

DRAWING DESCRIPTION

OFFICE HEATER REPLACEMENT LAYOUT

DESIGNED BY:

Signature and Date: *N. Ramjath*

REVIEWED BY:

Signature and Date: *M. M. M. M.*

APPROVED BY:

Signature and Date: *S. M.*

PROJECT NO:

A3281

DATE:

30/08/2021

DRAWING NO:

A3281M-AC-001

REFERRAL DRAWINGS			
DRAWING DESCRIPTION	DRAWING NO.	REV	REV DATE

SCALE	SHEET SIZE	REVISION
As Indicated	A0	D