



A
E001 I.R. SUSPENDED HEATING PANELS
SCALE 1:50

SCHEDULE -RADIANT HEATING PANELS									
TAG	LOCATION	LENGTH	WIDTH	OUTPUT [W]	FACEPLATE TEMP. [°C]	MOUNTING HEIGHT [M]	MODEL	MANUFACTURER	COMMENTS
H.RP/G.01	CIRCULATION	1800	600	801	65	4.50	ELECTRIC FREE HANGING PANEL	VERSATILE	OR EQUAL AND EQUIVALENT
H.RP/G.02	CIRCULATION	1800	600	801	65	4.50	ELECTRIC FREE HANGING PANEL	VERSATILE	OR EQUAL AND EQUIVALENT
H.RP/G.03	CIRCULATION	1800	600	801	65	4.50	ELECTRIC FREE HANGING PANEL	VERSATILE	OR EQUAL AND EQUIVALENT
H.RP/G.04	CIRCULATION	1800	600	801	65	4.50	ELECTRIC FREE HANGING PANEL	VERSATILE	OR EQUAL AND EQUIVALENT
H.RP/G.05	CIRCULATION	1800	600	801	65	4.50	ELECTRIC FREE HANGING PANEL	VERSATILE	OR EQUAL AND EQUIVALENT
H.RP/G.06	CIRCULATION	1800	600	801	65	4.50	ELECTRIC FREE HANGING PANEL	VERSATILE	OR EQUAL AND EQUIVALENT
H.RP/G.07	CIRCULATION	1800	600	801	65	4.50	ELECTRIC FREE HANGING PANEL	VERSATILE	OR EQUAL AND EQUIVALENT
H.RP/G.08	CIRCULATION	1800	600	801	65	4.50	ELECTRIC FREE HANGING PANEL	VERSATILE	OR EQUAL AND EQUIVALENT
H.RP/G.09	OFFICE	1200	600	510	65	2.70	ELECTRIC FREE HANGING PANEL	VERSATILE	OR EQUAL AND EQUIVALENT
H.RP/G.10	WC	900	300	300	95	3.00	XLS300W	HERSCHEL	OR EQUAL AND EQUIVALENT

LEGEND:

IR RADIANT HEATING PANEL

THERMOSTAT

SUB-MAIN DISTRIBUTION BOARD

GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PARTICULAR SPECIFICATIONS.
- THE CONTRACTOR SHALL CO-ORDINATE FULLY WITH ALL OTHER TRADES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF ALL SERVICES AND WORKS REQUIRED FOR THE PROJECT.
- EXTRA COSTS INCURRED DUE TO THE CO-ORDINATION EXERCISE NOT BEING COMPLETED WILL NOT BE ACCEPTED BY THE ENGINEER.
- DO NOT SCALE THIS DRAWING. ALL DIMENSIONS TO BE TAKEN ON SITE. ALL DIMENSIONS IN mm, UNLESS STATED OTHERWISE.
- EXACT LOCATIONS OF ALL SERVICES TO BE AGREED ON SITE. FINAL LOCATIONS OF ALL SERVICES TO BE CO-ORDINATED ON SITE WITH EXISTING LOOSE AND FIXED FURNITURE LAYOUTS IN THE ROOM.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL WORKS AND BUILDERS WORKS AS IDENTIFIED ON THE DRAWINGS AND IN THE SPECIFICATIONS.
- REFURBISHMENT WORKS ARE ONLY TO BE CARRIED OUT TO THE EXISTING FIRE ALARM INSTALLATION.
- THE CONTRACTOR SHALL ALLOW FOR CONNECTING THE NEW ELECTRICAL SERVICES TO THE EXISTING SYSTEMS IN THE BUILDING AS INDICATED.
- REFER TO ALL OTHER DRAWINGS FOR SPECIFIC LAYOUT OF REQUIRED SERVICES THROUGHOUT THE BUILDING.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY SUITABLE FINAL ROUTES FOR ALL CONTAINMENT THROUGHOUT THE BUILDING. NEW MAINS RUN OF ELECTRICAL CONTAINMENT SHALL BE INSTALLED IN THE AREAS AS INDICATED ON THE DRAWINGS BUT THIS IS INDICATIVE ONLY AND IF THE CONTRACTOR FINDS A MORE CONVENIENT ROUTE FOR ELECTRICAL CONTAINMENT IN THE BUILDING ON SITE THEN THAT WILL BE ACCEPTABLE.
- THE MAJORITY OF MAINS RUNS OF NEW ELECTRICAL CONTAINMENT IN THE BUILDING SHALL BE INSTALLED BELOW THE CEILING UNLESS INDICATED ON THE DRAWING.

HEATING SERVICES NOTES:

- CONTRACTOR TO CO-ORDINATE ALL HEATING PANEL MOUNTING SO AS TO ALLOW MAINTENANCE TO OCCUR.
- CONNECTIONS TO FITTINGS TO BE PROTECTED AGAINST IMPACT.
- PROVIDE HIGH-EFFICIENCY ELECTRIC - FREE HANGING INFRARED RADIANT PANELS WHERE INDICATED, COMPRISING OF EIGHT PANELS IN THE CIRCULATION SPACES, ONE PANEL IN THE OFFICE AND ONE PANEL IN THE WC.
- CONTRACTOR TO SUPPLY AND INSTALL SPECIALISED, ADJUSTABLE SUSPENSION KITS FOR ALL HEATING PANELS TO MAINTAIN A UNIFORM, LEVEL FINISHED HANGING HEIGHT OF 4.5m AFFL.
- CIRCULATION SPACE HEATING PANELS MUST BE FITTED WITH SPECIALISED ANGLED MOUNTING BRACKETS OR CABLE DROP ASSEMBLIES SUITABLE FOR FIXING DIRECTLY TO THE METAL FRAME APEX ROOF STRUCTURE.
- IR RADIANT PANELS TO PROVIDE UNIFORM RADIANT HEAT COVERAGE OF OCCUPIED WORKING AREAS WHILE AVOIDING EXCESSIVE OVERLAP OR DIRECT HEATING OF FIXED EQUIPMENT, GAS INSTALLATIONS AND COMBUSTIBLE STORAGE.
- OFFICE AND WC HEATING PANELS TO BE SUSPENDED VIA STANDARD VERTICAL ANCHORS SECURED TO THE INTERNAL CEILING JOISTS OR FRAMEWORK.
- PROVIDE A SMART WIRELESS THERMOSTAT SYSTEM TO REGULATE THE CIRCULATION SPACE PANELS AND THE OFFICE PANEL INDEPENDENTLY.
- THE WC INFRARED HEATING PANEL TO BE WIRED AND ACTIVATED BY A CEILING-MOUNTED MOTION SENSOR (PIR) CALIBRATED WITH A 15-MINUTE RUN-ON TIMER AFTER MOVEMENT CEASES.
- THE HEATING PANEL, CONNECTIONS AND MOTION SENSOR MUST CARRY A MINIMUM IPX4 INGRESS PROTECTION RATING TO ENSURE SAFETY AGAINST MOISTURE.
- PROVIDE A DEDICATED CLEARLY LABELED MASTER ISOLATION SWITCH CAPABLE OF COMPLETELY DE-ENERGISING THE ENTIRE HEATING LOOP AND ALL CORRESPONDING CONTROLS FOR SAFETY AND MAINTENANCE.

No.: Date: By: Revision:

CALLISTO

Callisto Consulting Engineering Ltd

Block 6, Central Business Park, Clonminch, Tullamore, Co Offaly - Email info@callisto.ie - Tel: 05793 51010

Figured dimensions only to be taken from this drawing. All dimensions to be checked on site. Engineers to be informed immediately of any discrepancies before work commences on site. This drawing and any design hereon is copyright of Callisto Consulting Engineering and must not be reproduced in whole or in part without their prior written consent.

Project: BANAGHER PLUMBING WORKSHOP

Address: BANAGHER FET CENTRE, MAIN STREET, BANAGHER, CO. OFFALY

Client: LOETB

Title: HEATING SERVICES LAYOUTS

Drawing No: 2512-CCE-00-ZZ-DR-E001

Rev No: A

Date: 14/08/2026

Scale: 1:50

Drawn by: NM

Checked: DM

A1