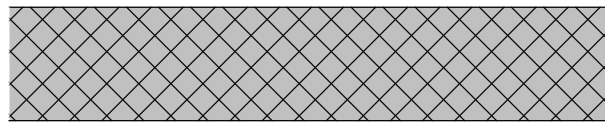
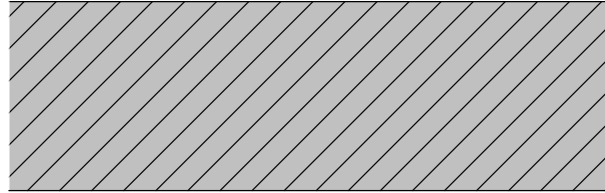


ALL DRAWINGS TO BE CO-ORDINATED AND IN ACCORDANCE WITH NARDI/UNICONFORT TECHNICAL DETAILS.

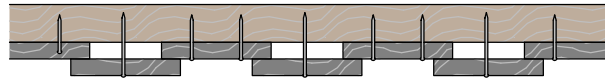
Key



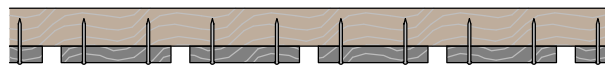
Concrete Panels
1. 150mm PC concrete panels, installed horizontally by specialist manufacturer.



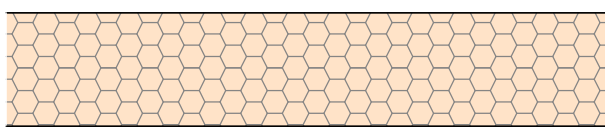
Concrete Walls
1. 250mm in-situ poured reinforced concrete walls, in accordance with Engineer's details.



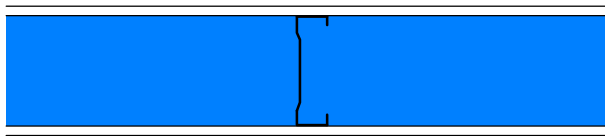
Timber Cladding [Board on board]
1. 21 x 146mm vertical larch timber cladding. Board on board layout fixed to steel cladding rails.
2. Class C-s3, d2 (3) or better. Minimum 9mm thick.



Timber Cladding [Open board]
1. 21 x 146mm vertical larch timber cladding. Board on board layout fixed to steel cladding rails.
2. Class C-s3, d2 (3) or better. Minimum 9mm thick.



External Cladding
1. Plastisol coated profiled steel thrufixed built-up insulated cladding system by specialist cladding contractor. Include for all necessary flashings and trims as required to complete the installation. Colour: Merlin Grey BS4800 18 B 25.
2. 100mm Rockwool Cladding Roll insulation (or similar approved) to Built-up system cavity.
3. Including for insulated eaves / valley gutters and parapet upstands, flashings and copings.



Stud Partition Wall (blue)
1. 2no. layers of 12.5mm Gyproc Soundbloc to both sides.
2. Gyproframe 146 S 50 °C Stud at 600mm centres.
3. Allow for deflection head detail in accordance with BG standard practice.



James Jones & Sons Limited

Revision	Date	Drawn	Description
A	31/05/22	JW	Latest boiler room layout and internal PCC panels.

Client & Project
James Jones P&P Ltd
Wrexham Biomass Boiler

Address
JJPPL
Oak Road,
Wrexham LL13 9RG

Drawing Title
Proposed Floor Plan (Biomass Boiler)
_Stage 4

Drawing Number	Scale @ A1	Drawn	Checked
S1882_4.04A	As indicated	JL	JW

0mm	1.0m	2.0m	4.0m	6.0m
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***West Elevation Only**
Wall Cladding (Above PCC panels):
Plastisol coated profiled steel thrufixed built-up insulated cladding system by specialist cladding contractor to achieve 60mins FR to site boundary.

Include for all necessary flashings and trims as required to complete the installation. Colour: Merlin Grey BS4800 18 B 25.

Supply and install 100mm Rockwool Cladding Roll insulation or similar approved to Built-up system cavity. Cladding / insulation depth as required to achieve 60min fire separation.

New MF studwall and linings constructed on new insitu concrete walls, after completion, including deflection head and cladding abutment detail, providing seal to boiler house.

***West Elevation Only**
All structural steelwork to be given 60mins fire protection. Offsite applied thin film intumescent coating in accordance with ASFP TGD-16.

The fire resistance to the rafters can be omitted as the portal frame and foundations are designed to the requirements of SCI Publication 313 - Single Storey Steel Framed Buildings in Fire Boundary Conditions.

Ground Floor Level

1 : 100

Vertical larch timber cladding. Board on board layout fixed to steel cladding rails.

150mm PC concrete panels, installed horizontally by specialist manufacturer.

Pop up locations in abeyance - to be confirmed by client

Minimum 9mm thick vertical larch timber cladding, fixed to steel cladding rails.

150mm wide concrete wall panels in accordance with Engineer's details.

Ground Floor Level (Pop-ups)

1 : 100