

GLLM Welsh Sheep Farm

Outline Specification

Reference: WSC – CAP - XX – XX – SP - A – 010011 – P01

## DOCUMENT VERIFICATION/REVISION SHEET

<b>Date:</b>		<b>10/06/2022</b>
Prepared by KJ	Checked by PBM	Approved By EC
<b>Description of Revision</b>	<b>P01 – Planning Pre-Application Issue (KJ/PBM/EC) 04/07/22</b>	

## BUILDING FABRIC

### Welsh Sheep Centre

#### Main Building:

##### External Walls –

Pre-stressed concrete panel at low level. 180mm thickness. 1200mm high. U value N/A.

Generally vertical timber Yorkshire Boarding fixed to horizontal cladding rails at high level. U value N/A

West Elevation to be vertically oriented profiled steel ventilated (louvred) cladding on cladding rails. U value N/A.

Reclaimed stonework outer leaf. U value N/A.

##### Roof –

**Built-up 40mm composite insulated** PPC profiled steel roof on purlins to Str. Eng. Details. U Value N/A. Colour tbc.

Profiled single skin Polycarbonate roof lights.

##### Floor –

Floor generally to be well compacted hardcore to Str. Eng. Details. U value N/A.

Plastic slatted flooring to milking parlour, pens and collecting yard.

Passageways - concrete 150mm above pen floor height.

##### Doors/Gates –

Sliding door with backing gate, pen gate.

Large timber sliding doors.

#### Office/Process Area Block:

##### External Walls –

Cavity Wall construction comprising 2 leaves of medium dense blockwork, 50mm PIR insulation, 50mm air gap. Reclaimed external random stone wall external leaf mortared to outer leaf. Alternatively outer leaf can be new stonework in lieu of outer leaf of concrete blockwork tbc. Internal finish to be fairfaced blockwork/plasterboard on dabs tbc. U value tbc but not to exceed **0.35 W/m<sup>2</sup>K**.

# CAPITA

## Roof –

Built-up PPC profiled steel roof on purlins to str. Eng. Details. Mineral wool insulation. U Value tbc but not to exceed **0.25 W/m<sup>2</sup>K**. Colour tbc.

## Internal Walls –

**General Partitions:** Insulated MF Studwork with plasterboard lining with tape and jointed seams. Acoustic Rating tbc. 60min fire rating as standard. Severe impact duty. Whiterock finish in changing rooms, processing/ freezing room. PVC wall panels in packaging/ dry goods store. Emulsion and Whiterock in Accessible WC, transition/ decontamination room.

**Plant room :** Single skin 100x215x440mm thick medium dense fairfaced blockwork walls laid flat

## Floor –

Vinyl sheet on reinforced concrete raft to str. Eng. Details. PIR insulation under slab on sand binding on compacted hardcore. **U Value 0.25 W/m<sup>2</sup>K**. Anti-slip safety vinyl in offices/ accessible WC, secure store. Vinyl laid to falls to drain in Changing Room. Epoxy paint on screed laid to falls with drainage in processing/ freezing room

## Ceiling –

Suspended ceiling to Entrance Lobby, Corridor, Office, Lab/Test Area, Secure Storage, Accessible WC, Shower and Changing room to be lay in grid. Changing room to be PVC ceiling panels. 600mm tiles on suspension system suspended from cables to Unistrut subgrid. Acoustic properties tbc. 2.4m AFFL.

Painted plasterboard or wipeable PVC to raw milk bulk tank room.

## Windows –

PPC aluminium double-glazed windows. **U Value 2.2 W/m<sup>2</sup>K**. Colour tbc.

## Doors external –

Thermally broken aluminium framed doors with double glazed safety glazing to Part M. Door frames to polyester powder coated aluminium **U Value 2.2 W/m<sup>2</sup>K** Colour tbc. Double and single. Louvred and glazed panels and solid.

Roller shutter door with plastic curtain to Processing Area.

Sliding door to Raw Milk Bulk Tank Room.

## Doors internal –

Office: Proposed solid timber core painted door-set with architraves. Proposed timber panels, door frame and architraves to be painted. Paint to be water repellent to Changing Room, Accessible WC. Vision panel to Office. Colour tbc.

Food safe sliding doors with vision panels to packaging/ dry goods store, processing/ freezing room.

Standard sliding door with vision panel.

## **Internal glazed screens –**

Viewing screen into processing/ freezing room from circulation or office area.

## **Skirting –**

Vinyl coved skirting, generally.

Painted softwood skirtings with water repellent coating to Accessible WC.

Coved screed to packaging/ dry goods store, plantroom, processing/ freezing room.

## **Sanitaryware –**

Handwashing basin, WC pan and cistern, seat with cover, grabrails to Accessible WC.

Doc M pack with WC pan, water saving delay fill cistern with spatula lever, basin, grab rails, hinged support rail with toilet roll holder, seat no cover with retaining buffers, copper tails on TMV3 mixer tap,

double sink, boot washing station in transition/ decontamination room, shower.

Stainless steel Franke Sissons type wash hand basin in Raw Milk Bulk Tank Room and Process Area.

800mm long wash trough to Process Area. 1200mm long wash trough to Changing Room.

900x900 shower tray and cubicle to Shower Room.

## **Fixed furniture –**

Mirrors.

1600mm long worktop to Process Area.

Lockers to Changing Room.

Lab testing area kitchenette with sink, worktops and suitable chair.

## **Loose Furniture –**

Office desk, underdesk drawer unit on castors, office chair, stainless steel work tops and storage racks.

Stainless steel tables – 2m, mobile rack storage area, chemical storage cabinet, to Processing/ Freezing Room.

Cover bench seating, coat racks.

800mm long slatted bench to Shower Room; 1500x300 L-shape slatted bench in Changing Room.

## **Paint –**

Emulsion paint to plasterboard stud partitions.

# CAPITA

Epoxy floor paint in packaging/ dry goods store, plantroom.