

Roof Construction:
(U-value 0.16 Wm²/K)
Kingspan KS1000RW composite roof panels, 115mm thick, finished externally with Plastisol Coating (colour: as elevations) and internally with standard white coating, fixed in accordance with the manufacturers' enhanced' installation details over galvanised steel purlins to primary structure as Structural Engineers details.

Kingspan highline gutter on support brackets from the roofing sheet with 100mm square downpipes.

External wall construction:
(U-value 0.18 Wm²/K)

Internal skin to be Kingspan KS1100CS composite wall panels, 100mm thick, finished with white AQUAsafe 55 foodsafe finish, fixed in accordance with the manufacturers details to floor channel.

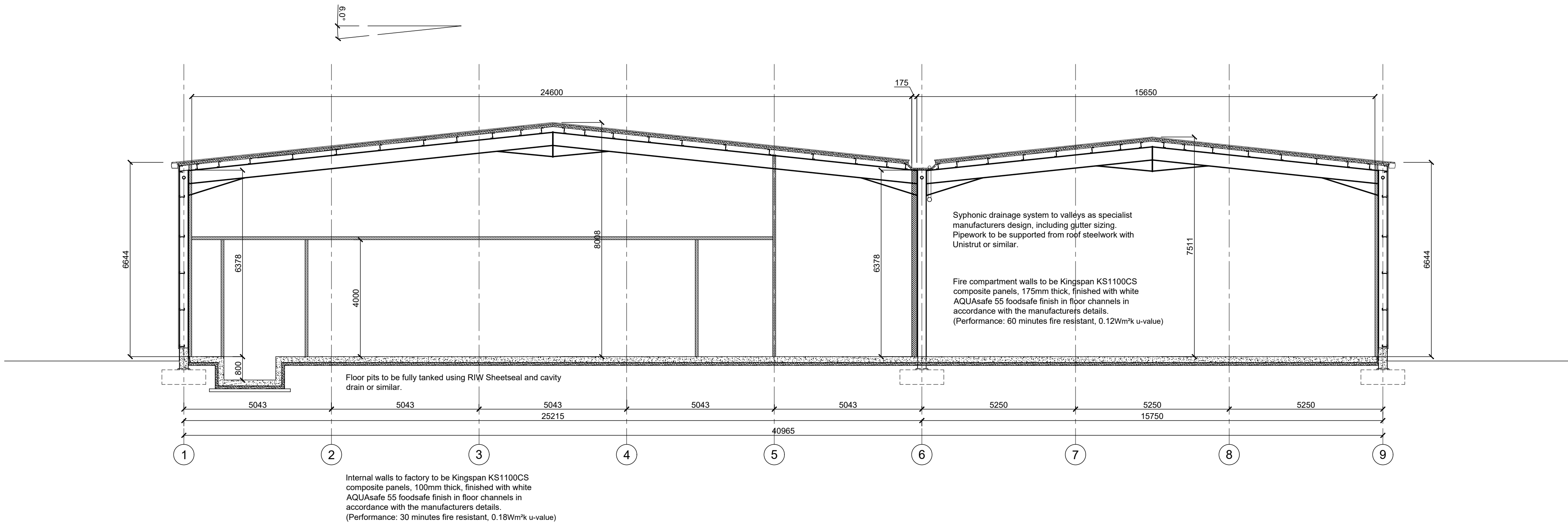
External skin to be 32mm deep profiled cladding finished externally with Plastisol Coating (colour: as elevations) and internally to manufacturers standard, installed with self drilling self tapping screws with colour match cappings to galvanised steel sheeting rails to primary structure as Structural Engineers details.

Walk on ceilings to be Kingspan KS1100CS Composite panels, 100mm thick, finished with white AQUAsafe 55 foodsafe finish suspended from the primary frame in accordance with the manufacturers details.
(Performance: 30 minutes fire resistant, 0.18Wm²/K u-value)

Perimeter wall to be concrete to the full width of the steel frame (for vermin protection).

Ground Floor Slab
(U-value: 0.11 Wm²/K)
Floor finishes as the Finishes Schedule, over reinforced concrete floor slab to Structural Engineers details, laid on 1200 gauge seperating layer with all joints lapped and tape sealed on 100mm thick JabFloor HP100 on 1200 gauge DPM with all joints lapped and tape sealed on sand blinding and hardcore to structural engineers specification.

At the junction of the floor to the external wall include a 50mm thick vertical strip of the floor insulation dressed up the face of the blockwork and finished at floor level. DPM from floor to be dressed up face of concrete wall and tape sealed above floor level.



TYPICAL CROSS SECTION (Scale 1:100)

TYPICAL SIDE WALL SECTION (Scale 1:20)

MEZZANINE OPTION

Revision	P3	Planning Stage Drawing.	CB	KM	04.10.23	Prelim
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Project
New Development at Decoy Farm
FloGro Systems Ltd.

Drawing Title
HATCHERY
Typical Cross Section

Drawn By	Checked By	Date	Scale
CB	KM	08.08.22	1:100 @ A1
Job No.	Drawing No.	Revision	
P674	502	P3	



SCALE 1:100