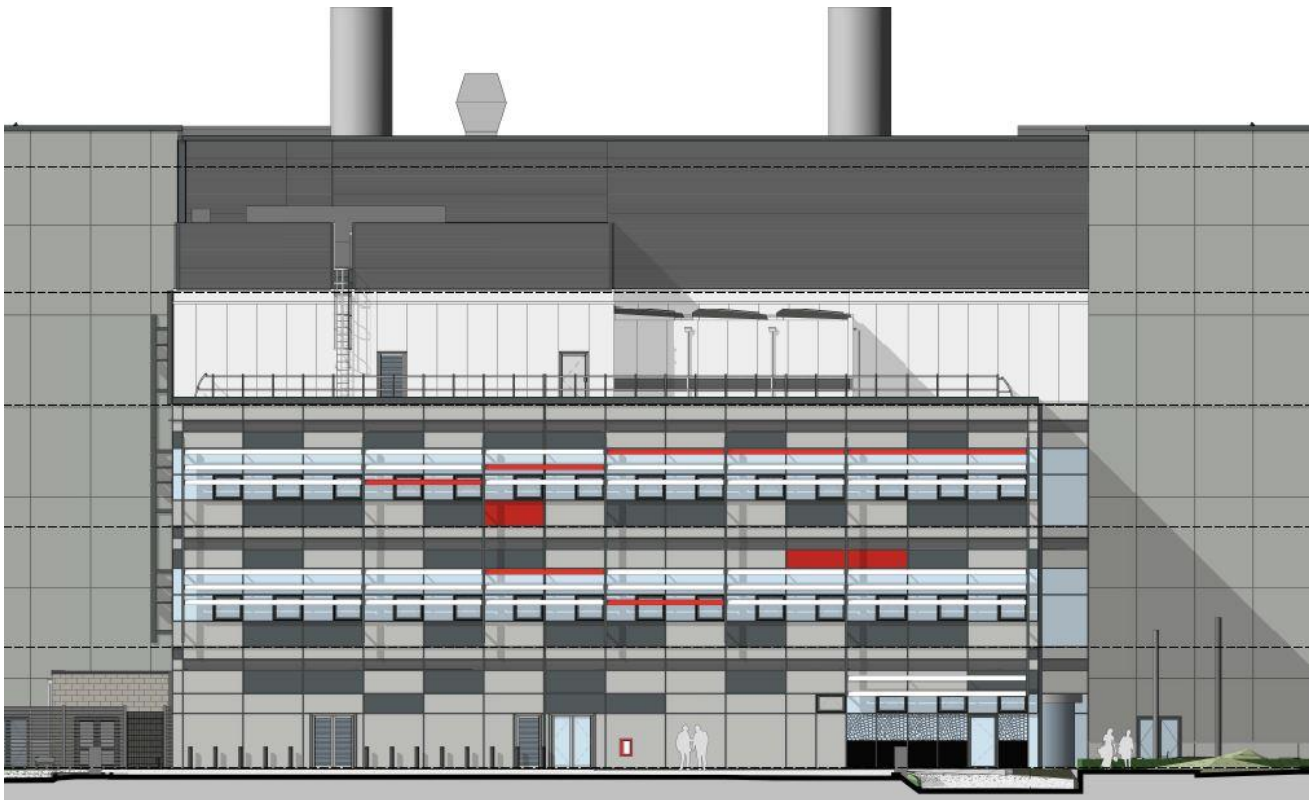


STRIDE TREGLOWN



Design Change Justification Statement

Health and Life Sciences Building, University of Reading

Stride Treglown job no.	151323
Prepared by	DH
Checked by	LC
Date	06/11/18
Revision	-

Revisions

Revision	Description
-	Issue to WBC and RBC for approval

Design Change Justification

- 1.1.1 The original design for the University of Reading Health and Life Sciences (H&LS) building provides two wings of accommodation with distinct appearances. The laboratory wing is clad in a smooth white metal panel, and the office wing is clad in curtain wall glazing. The building has various subtle features which make this building distinct to the scientific research within the building. These include an accent of colour on the curtain wall glazing, and louvres fins, and the glazed manifestation at the entrance of the building.
- 1.1.2 Both of these are inspired by a dragonfly wing, a fossil found within the Cole Museum of Zoology (see Fig. 1) located in the atrium of the building.



Fig 1. Dragonfly wing fossil within the Cole Museum of Zoology

- 1.1.3 The entrance manifestation (see Fig 2) is a reflection of the geometric pattern of its form (see Fig 3), and the colour accent is inspired by the iridescent nature of its wing. The design team originally considered using this accent colour around the entire perimeter of the building on the large vertical risers (western elevation), but it was considered that this would be an overuse of colour and not reflect the subtle nature of the concept.

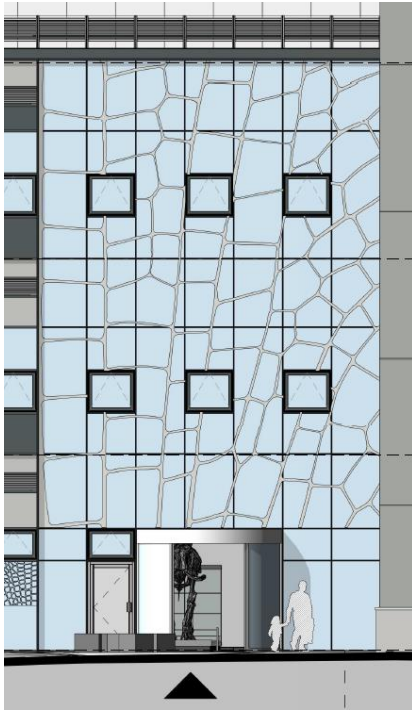


Fig 2. Glazed manifestation at the entrance of the H&LS building

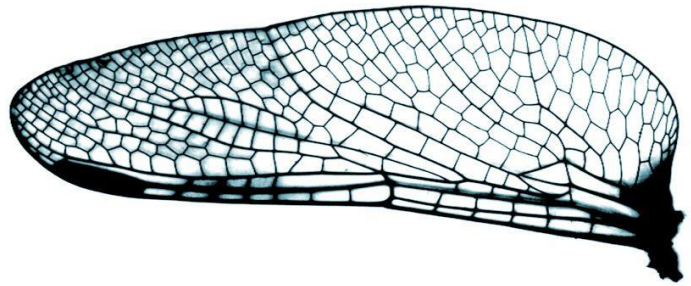


Fig 3. Dragonfly wing structure

- 1.1.4 The colour of the wing being iridescent (see Fig 4) really means that any bright colour would be suitable, in line with the original concept, for the accent use on the glazed curtain walling panels and louvre fins. This is evidenced in the variation of colour shown below (see Fig's. 5 and 6).

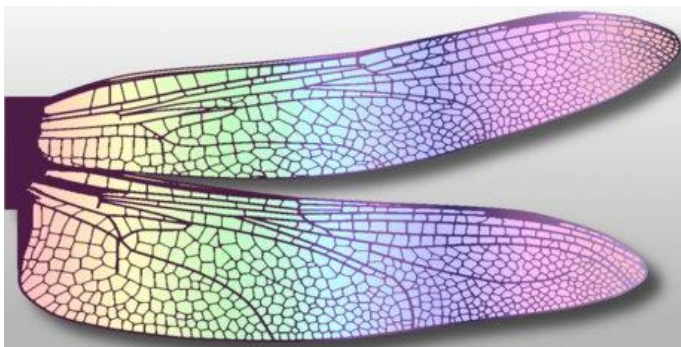


Fig 4. Iridescent nature of the dragonfly wing



Fig 5. Yellow wing as originally used on the building and Fig 6. Red wing as the proposed change.

- 1.1.5 The University have requested that the building accent colour is changed from yellow to red, in line with the wider University branding. We are always cautious that branding still looks appropriate in the context of other colour choices and material palettes proposed for the building. In this instance, the accent colour is aligning with two varying tones of grey. Given that grey is a neutral colour, we are satisfied that the change to red will be equally appropriate to use in this context. We have undertaken an exercise to amend the original 3D visualisation for verification of this (see Fig's. 7 and 8, page over).



Fig 7. Rear view of the H&LS building, for illustrative purposes only. See elevations for setting out.



Fig 8. Front view of the H&LS building, for illustrative purposes only. Only shown for reference of accent colour use. NB. See elevations for detail – stair riser and entrance glazing not reflective of latest design.

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