PURCELL

Site Visit Record Sheet

To	Paul Mason, Tony Mitchell & Emily Booth (Manchester City Council)
Copy to	Samantha Johnson (UoM), Marc McVey (Buro4), Tom Roberts (Kier)
From	Sonoe Shimizu (Purcell)
Date	24 November 2020
Subject	Site Visit with MCC Conservation Officer
Project No/Name	237010 Manchester Museum Courtyard

Site Visit: 8am on Wednesday, 18 November 2020
Attendees: Paul Mason, Manchester City Council
Dale Chapstick, Kier
Jane Roylance, Purcell
Sonoe Shimizu, Purcell

The following samples were reviewed on site with Paul Mason (PM), the conservation officer.

STONE RAINSCREEN CLADDING

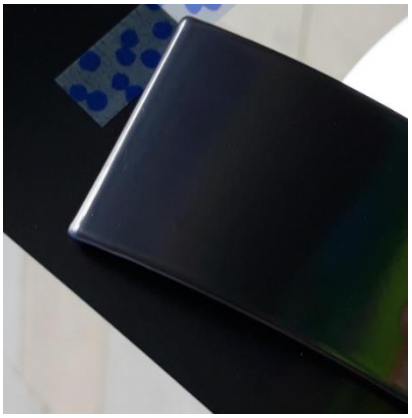
- Two areas of sample cladding were viewed; with the fixing rails untreated and with the fixing details to be painted out black. The painted rails were the preferred solution, but PM preferred this to be a matt black as the reflection highlights the rails. This is to apply to all areas.
- Keir are to apply by spray, but check with the insulation manufacturer that the performance longevity of the insulation is not impaired by any over-running of the paint. If not permissible, the areas to be sprayed will have to be masked.
- The stone tile is acceptable in appearance, but attention is to be paid to ensuring the bed and perpend margins are consistently equal distances.
- I tile had a small pit where an inclusion had become loose during processing. This doesn't not affect the performance of the tile. In the first instance these tiles are not to be installed, as there is a 10% additional delivered.

ROOF PLANT SCREENING

- The 30 x 5 mm plant screen bar is proposed. PM had to leave for another meeting, but SS is to forward the sample to PM for his opinion. (See images below - the sample has been presented to MCC previously.)
- RAL 7021 was agreed as the colour for the plant screening and the roof guardrails.

Roof mesh sample and colour RAL 7021





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MASONRY REPAIRS

DOFF clean

- Kier confirm the whole elevation has had its first DOFF clean, with heavily stained areas, such as weather facing surfaces to coping/buttresses having received a second. PM is happy with this level of clean as some patina has remained and it doesn't look over-cleaned.
- PM suggested the use of the same specification for the removal of paint as that being used at Manchester Town Hall. SS to request information from colleague.

Stone Pointing Sample

- A section of quoin stones were presented as a sample. The sample provided was a good colour and texture match to the original stone colour. It was acceptable to PM.
- The mix is to be confirmed by Keir. It was believed to be:-
  1 part NHL 3.5 : 3 parts aggregate (1 part Nosterfield grit sand/ 2 parts Leyton Buzzard fine sand (buff))

Stone in situ repairs

- The sample provided was a good colour and texture match to the original stone colour. It was acceptable to PM.
- Keir to confirm the mix (believed to be the same mix as the mortar mix).

Brickwork pointing

- The original bedding mortar is black ash mortar, with a buff over-pointing which is in poor condition, having been lost to large areas, and where it survives it is loose and can be picked out.
- All agreed the re-pointing should match the original, but it was noted that matching the black colour was difficult.
- JR to review the best mix with Purcell's conservation expert and request a sample.
- Two further samples are to be prepared
  - 1 part NHL 3.5 : 3 parts aggregate (fuel ash)? Kier are to confirm the mix used by the masons at Heaton Hall.
  - 1 part NHL 3.5 : 3 parts aggregate (1 part Nosterfield grit sand/ 1 parts Leyton Buzzard fine sand (buff)/ 1 part Lias stone dust)

Brickwork In Situ repairs

- Not yet undertaken, but need to match the brick colour and texture.
- Two samples are to be prepared for review:
  - 1 part NHL 3.5 : 3 parts aggregate (1 part Waddington Fell grit sand/ 2 parts Waddington Fell fine sand (red))
  - 1 part NHL 3.5 : 3 parts aggregate (1 part Nosterfield grit sand/ 1 part Waddington Fell fine sand (red)/ 1 part red sandstone dust.)