7083 Citylabs 4.0

Materials Matrix

24TH APRIL 2023

SHEPPARD ROBSON

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North Elevation

East Elevation

South Elevation

West Elevation

Fibre Cement Plant Screen

Balustrade, coloured to match floor channels, setback from facade face precast concrete pavers on pedestals and stone ballast to perimeters

Pressed metal channel at floor level (deeper channels at level 2 and roof level)

Aluminum expanded metal mesh on carrier frame (clear and coloured panels).

Glazed insulated spandrel panel

Capped curtain walling system (intermediate horizontal joints to be capless)

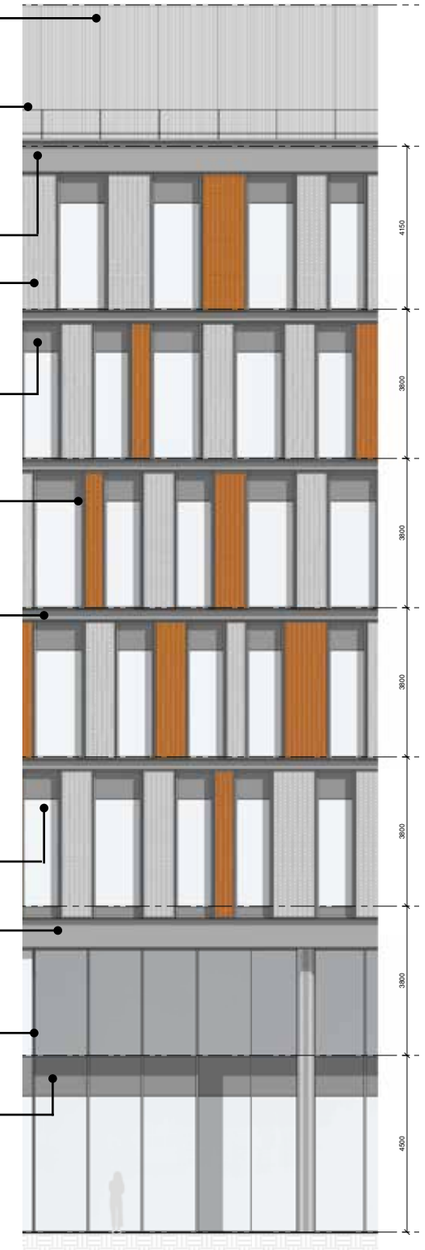
Pressed metal channel at floor levels

Horizontal transom joint between clear glazing and glazed spandrel panel to be capless

Pressed metal channel at floor level (deeper channels at level 2 and roof level)

Capped curtain walling system (intermediate, horizontal joints to be capless)

Glazed insulated spandrel panel



Bay Study and associated section

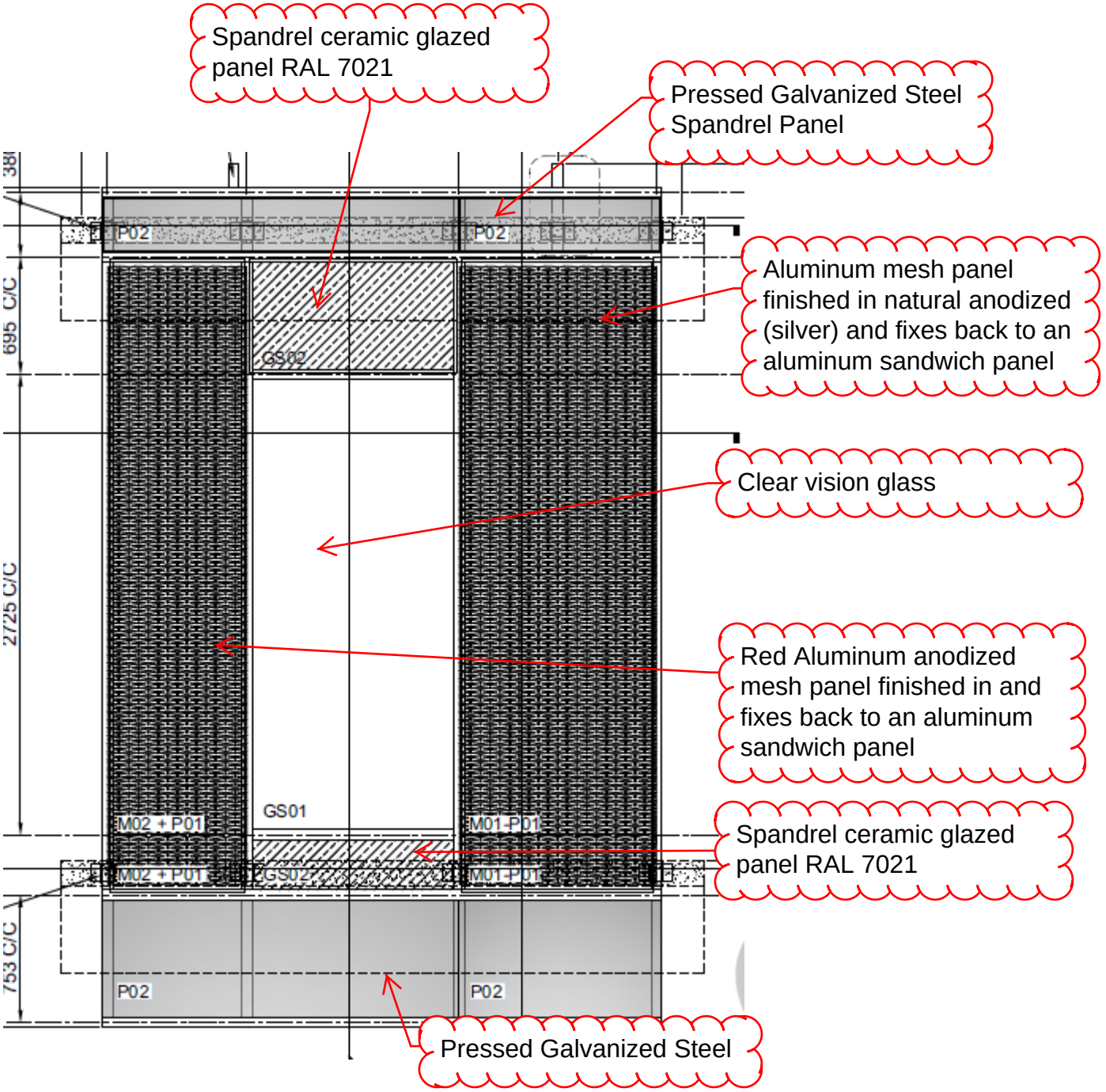
1.1 Proposed Facade Approach

The main aspiration is for a high quality facade with robust detailing and materiality to achieve a strong design language.

The aluminium profile mesh panels will be incorporated in the facade to provide visual depth and animation.

The Ground and First floor is clad in curtain walling on a 1500mm grid with back painted glazed panels. It is proposed that the vertical members of the curtain walling be capped and the horizontal members be cap-less to emphasise the vertical rhythm.

The second to sixth floors have been grouped together. Solid elements are clad in decorative mesh panels with full height glazing between. The floor levels are expressed by the location of a continuous grey pressed metal channel.


Spandrel ceramic glazed panel RAL 7021
Pressed Galvanized Steel Spandrel Panel
Aluminum mesh panel finished in natural anodized (silver) and fixes back to an aluminum sandwich panel
Clear vision glass
Red Aluminum anodized mesh panel finished in and fixes back to an aluminum sandwich panel
Spandrel ceramic glazed panel RAL 7021
Pressed Galvanized Steel
38
695 C/C
2725 C/C
753 C/C
P02
P02
GS02
GS01
M02 + P01
M01-P01
M02 + P01
GS02
M01-P01
P02
P02