

THE REPUBLIC



Purpose of the Report

Over a number of months in the second half of 2024 and the first half of 2025 we have been challenged by MCC to better justify the proposal to introduce the specific green tone - and the necessary PPC finish required to deliver it - to the exterior metalwork of the Republic project at Mayfield, Manchester.

The detail has been presented to MCC over a number of presentations. This document provides a consolidated pack setting out the rationale and justifying the proposal.

Initial Contextual Investigation

Initial material study references
dominance of the Mayfield datum
set by the depot



1



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3



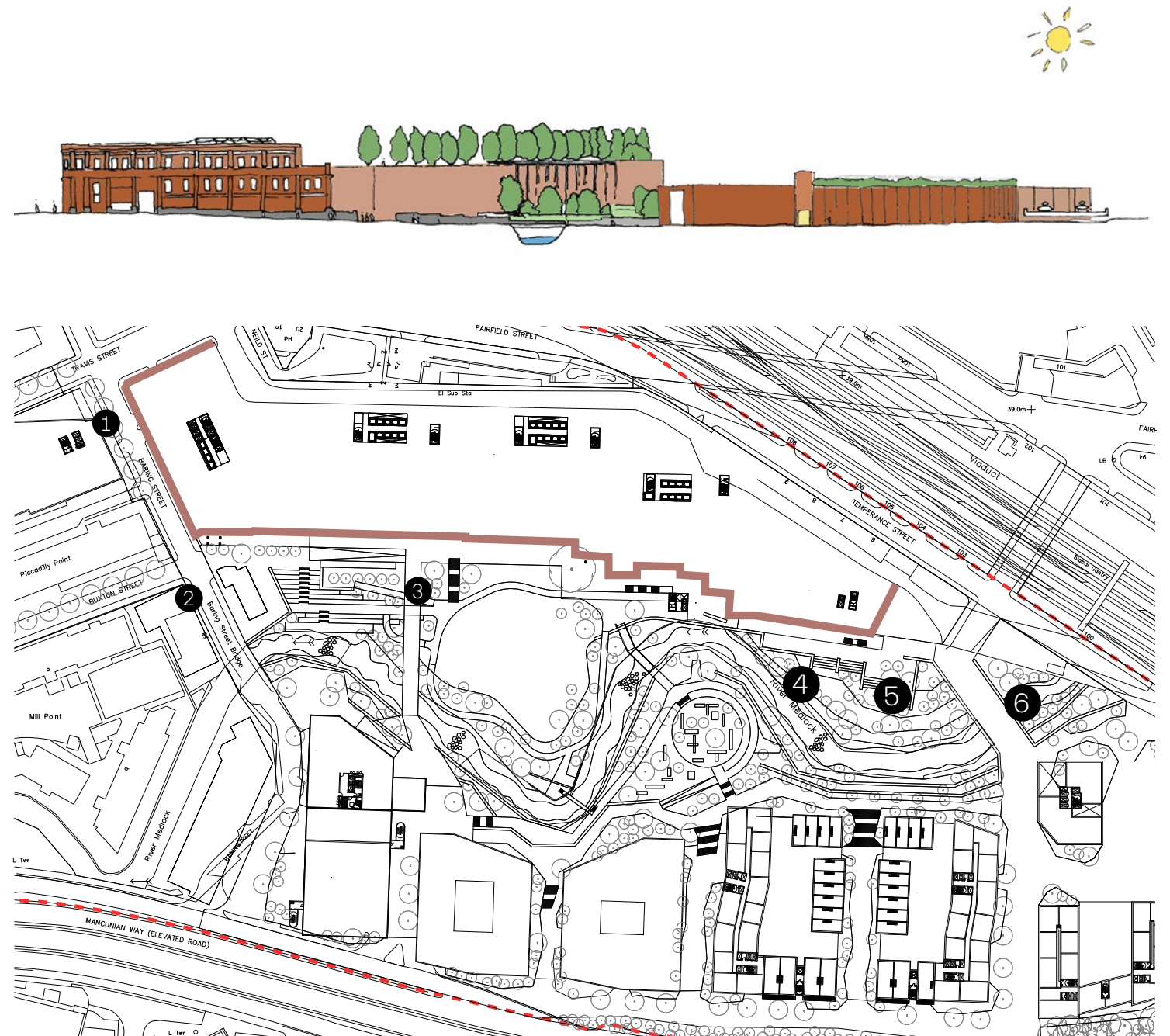
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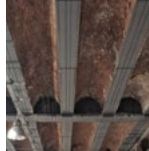
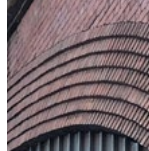
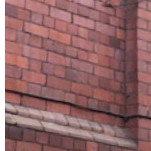
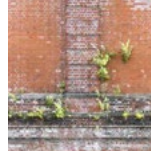
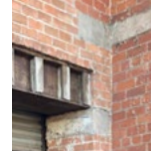
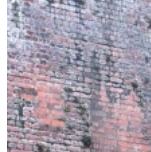
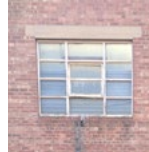
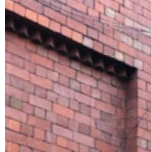
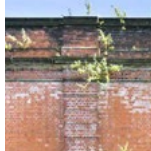
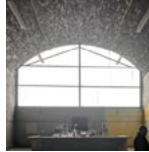
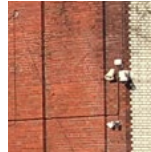
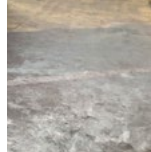
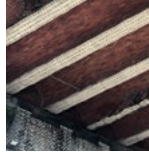
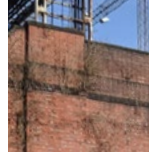
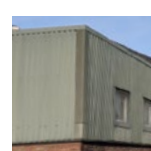
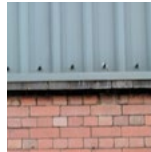
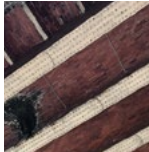


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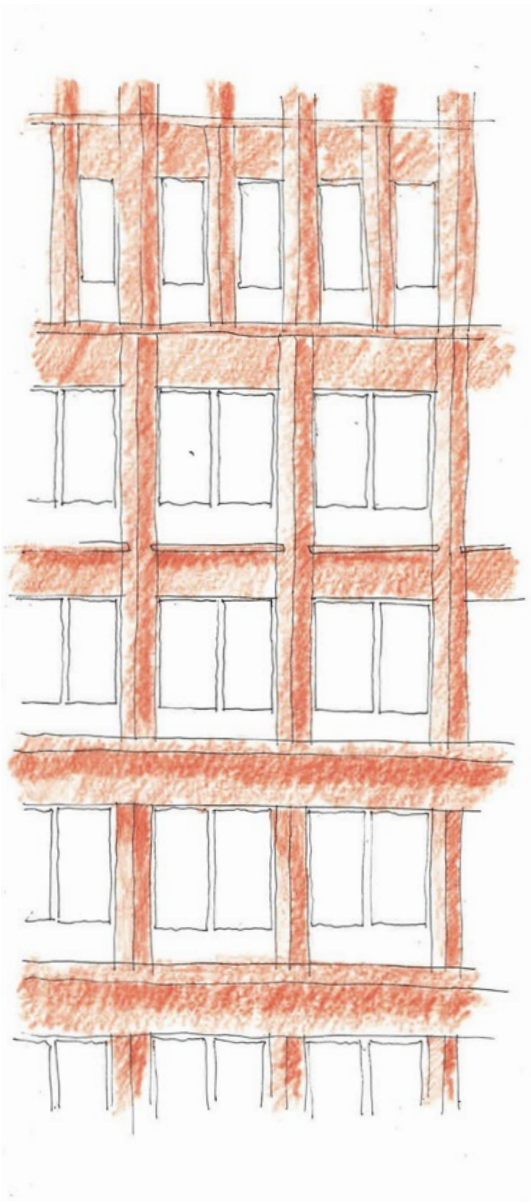
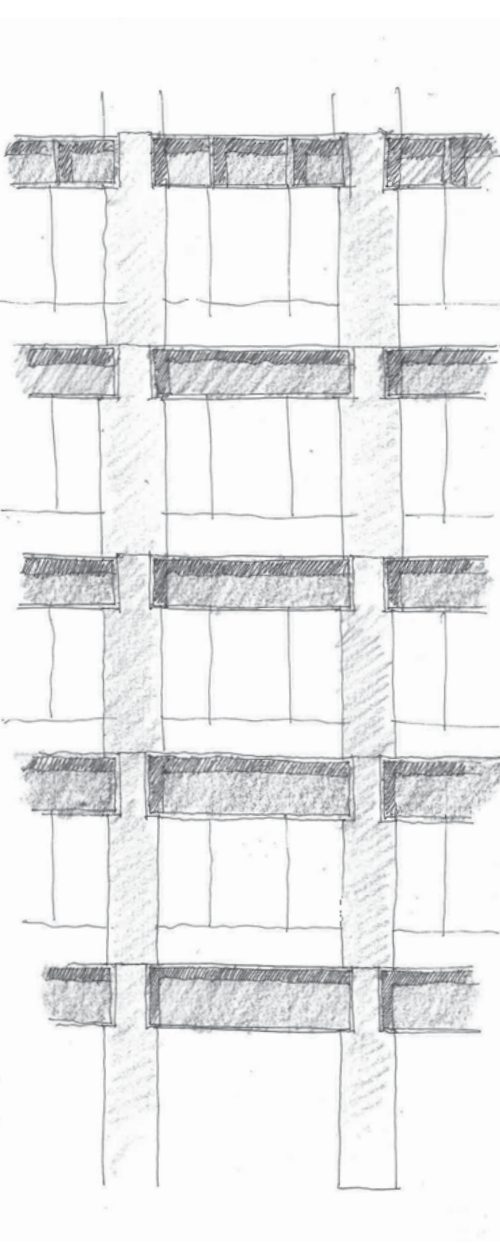
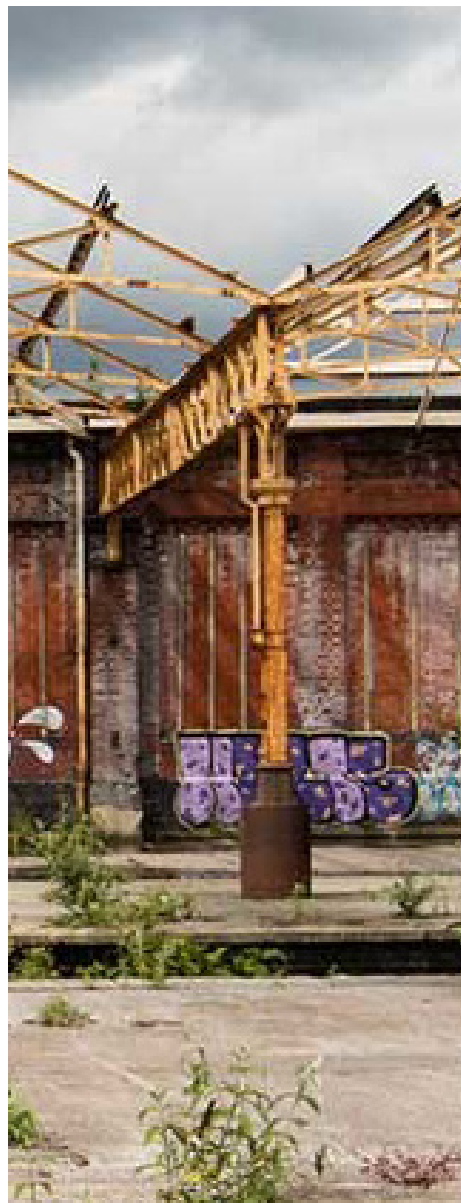
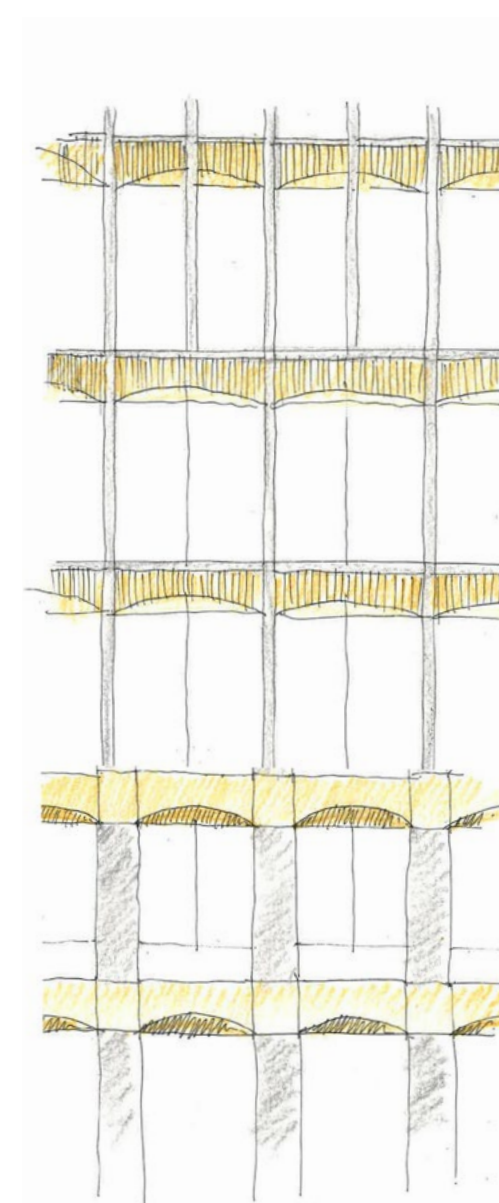


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Colour		Branding	Texture	Soffits	Columns	Lintels & Arches		Brick Details		Light Structures		Hybrid Structures	
													
													
													
													
													
													
													
													
													

This informed an initial literal response to context in form-finding, detailing and material proposition



① Heavy Homogeneous System

② Tectonic Hybrid System

③ Light Curtain Wall System

HEAVY

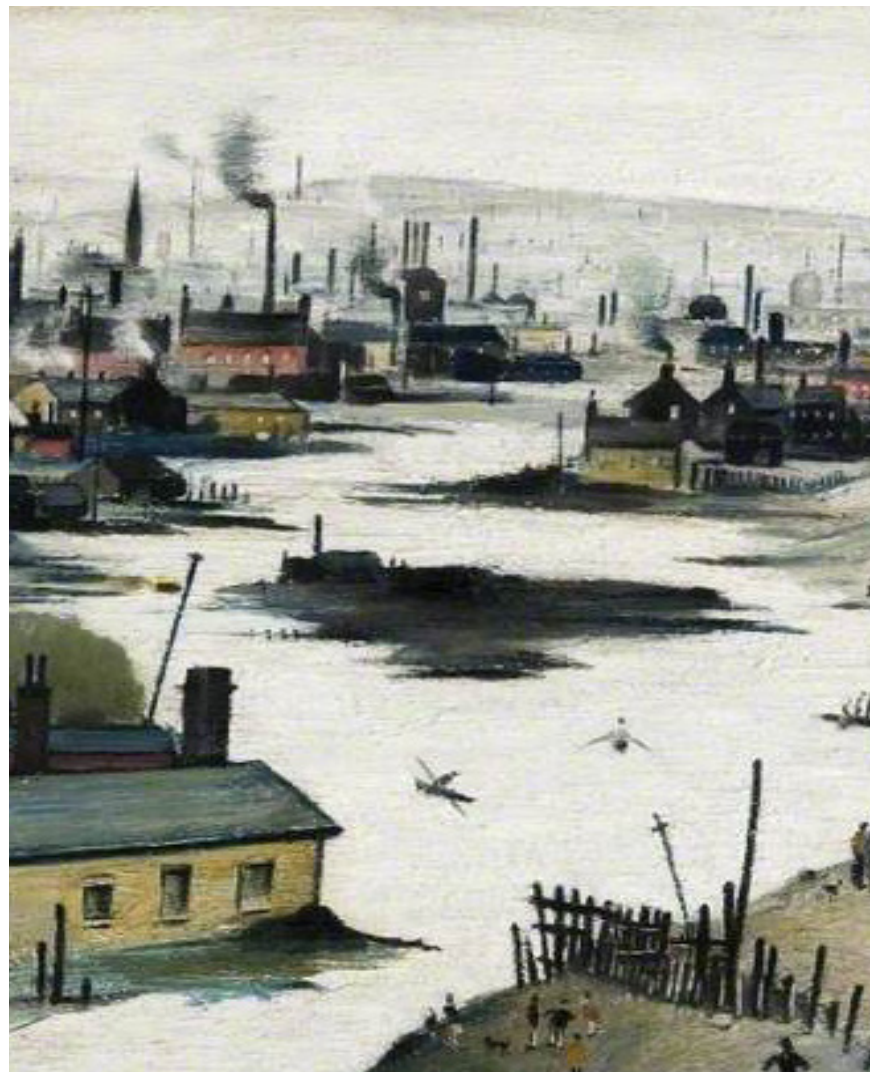
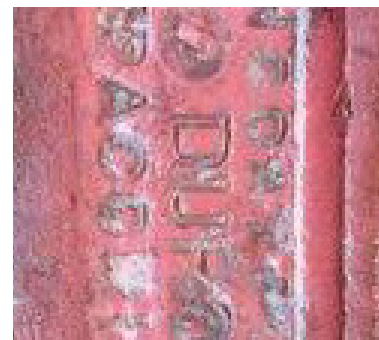


LIGHT



Concept development

We were inspired by the influence of industry more broadly on landscape and society

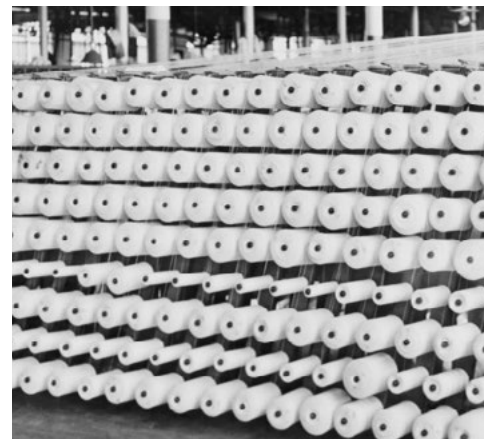


...And how this was documented
in the artwork of the time

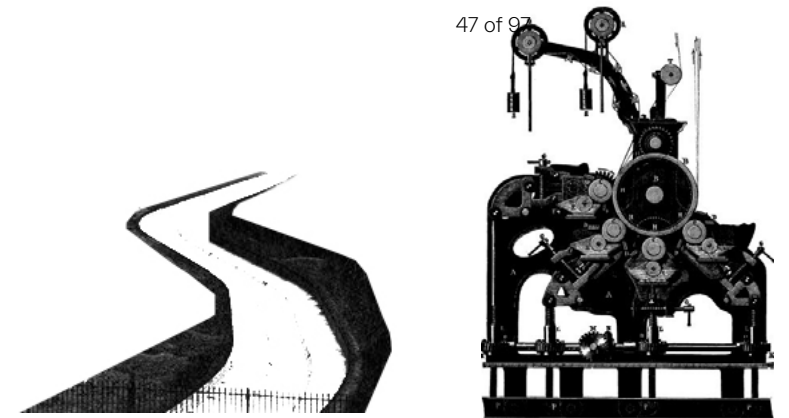


A language of 2 distinct sections emerged;

- A base representing an industrial strength dominating and impacting the natural environment (as with the culverted river)
- A delicate and light body above; repetitive and responsive to light; folding and pleating; representing woven material production synonymous with the area.



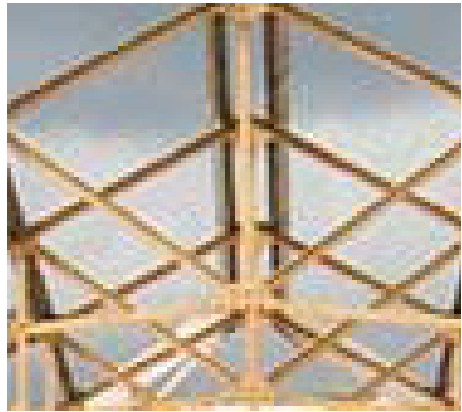
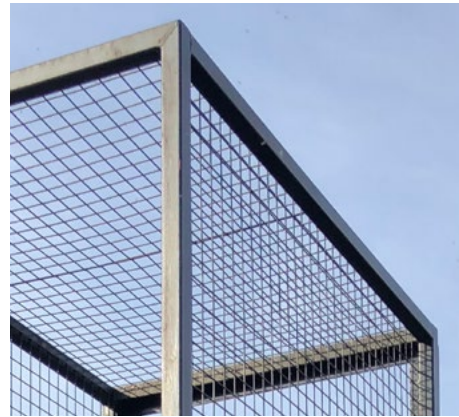
The Facade



The Podium

Key Concept Principles

Driving principles for facade approach identified in response to this research



Contextual

To respond specifically to a context which is both industrial and rural, and to sit comfortably in a park context surrounded by fragments of an industrial era

With a lightness

Inspired by contrasting industrial styles

Unique

Representing a 'mayfield-ness' that can deliver a masterplan that could only be exactly in this location, inspired by the rich heritage of the site and the ambition of the development

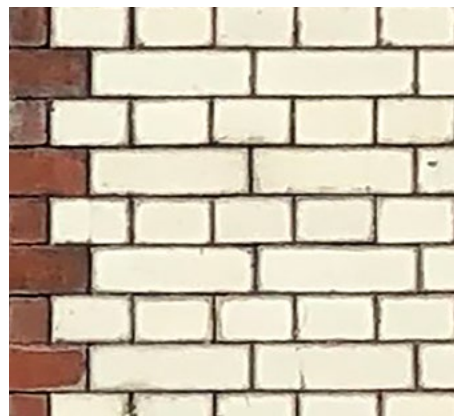
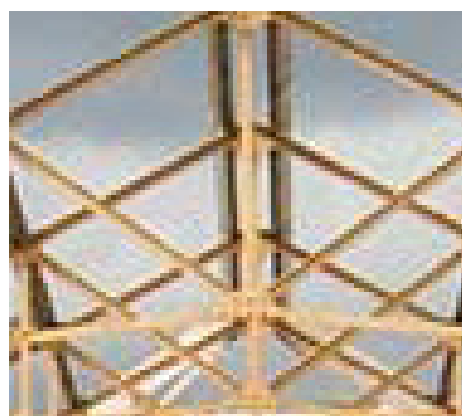
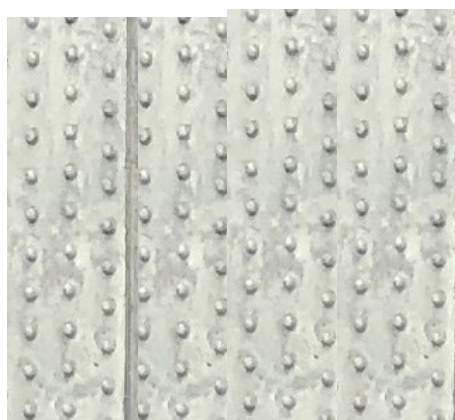
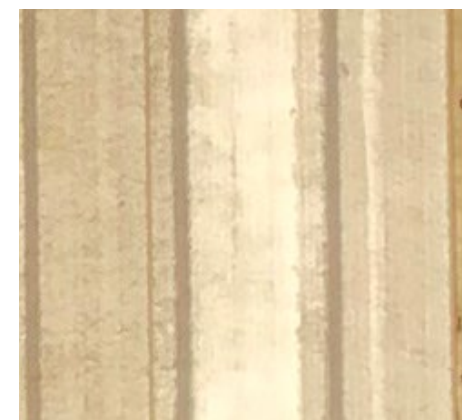
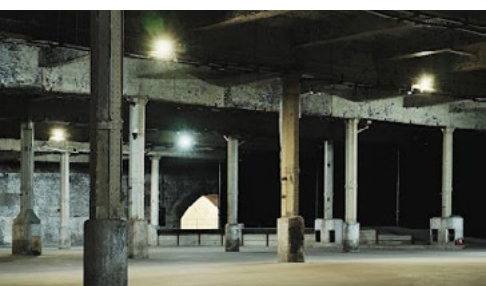
Delicate & light

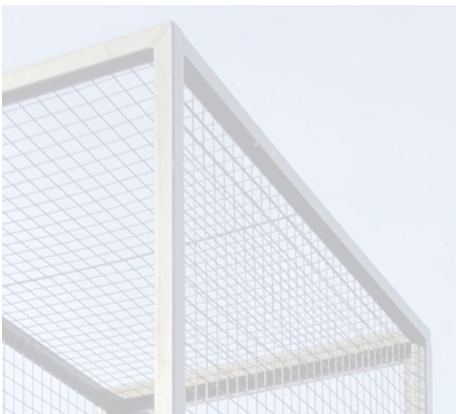
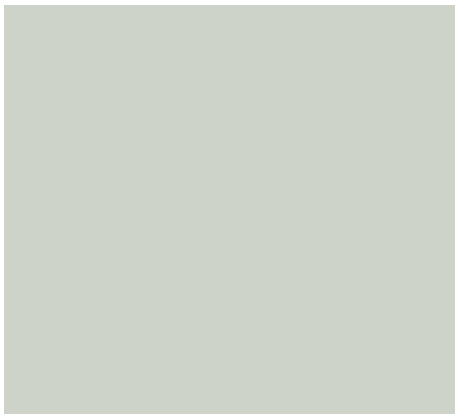
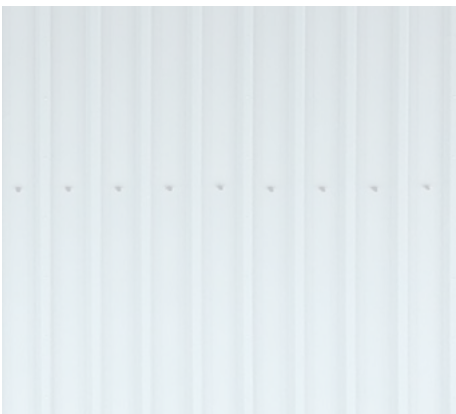
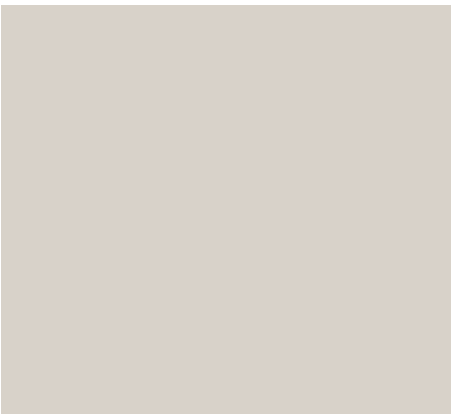
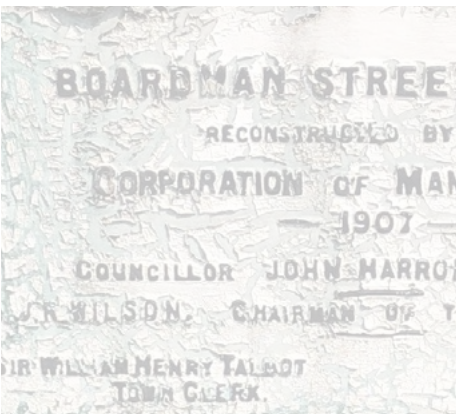
Evoking a softness with rich retailing providing a contrast between base and body

Responsive to light and shade

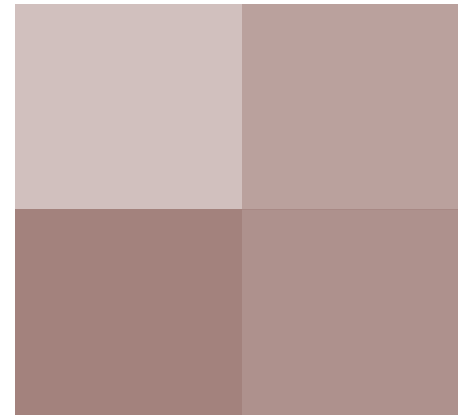
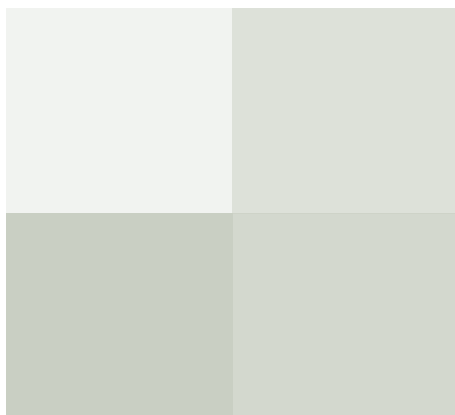
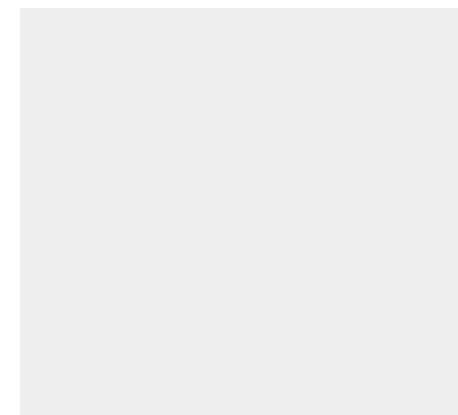
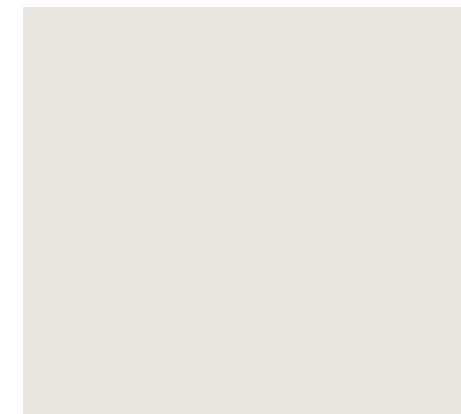
Strengthening the sense of depth and texture of the facade through play with light and shade

When returning to the taxonomy of the immediate context, an interest in difference, detail & contrast emerged in fragments of the historic fabric.



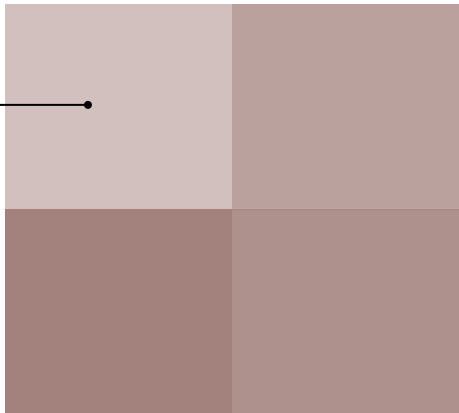


...And a realisation that these same colours and tones were also evidently influencing the art that we had used to inform our approach.

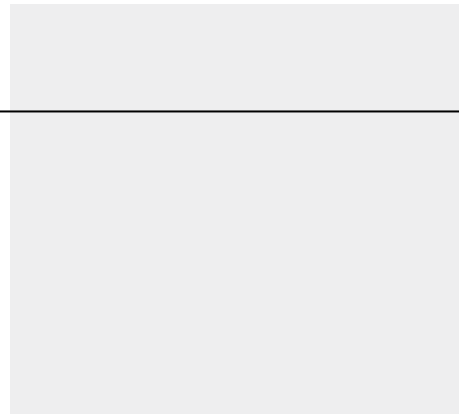
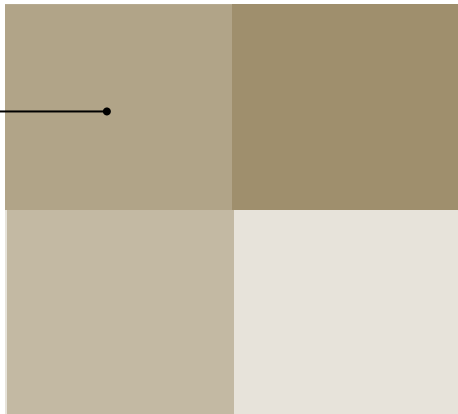


Various colours across this palette could be considered suitable.

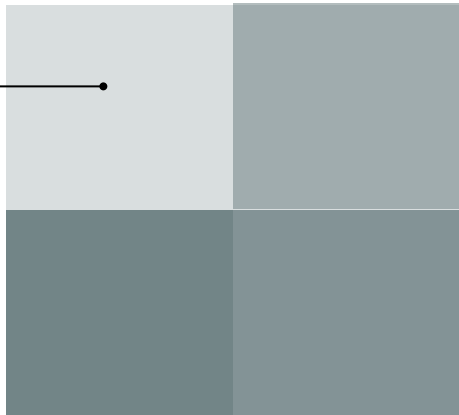
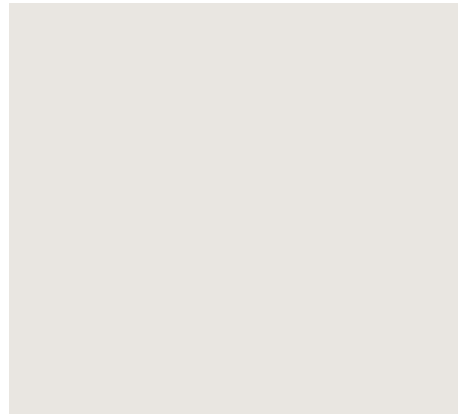
Red tones



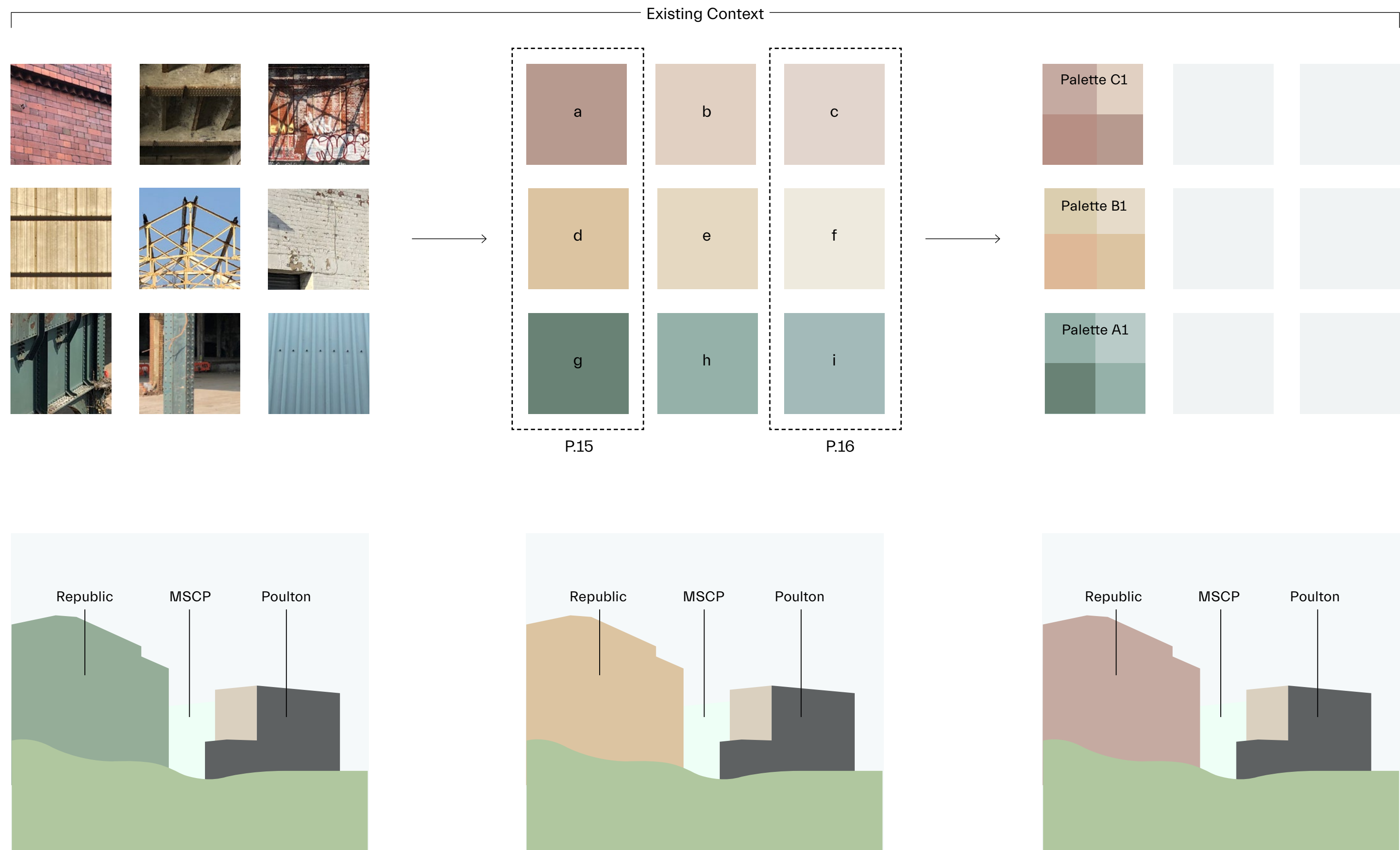
Sand / earthen tones

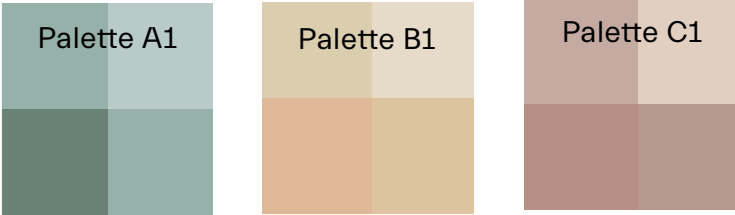


Green tones



A comparison of colour tone in context was reviewed...





Palette A1



PPC Option
Supplier: Tiger
Colour: Highland 3601
Finish: Matte / Metallic

Anodised Option
No Anodised
Alternative available

~~Delicate~~
~~With a lightness~~
~~Unique~~
~~Responsive to light & shade~~
~~Contextual~~

Palette B1

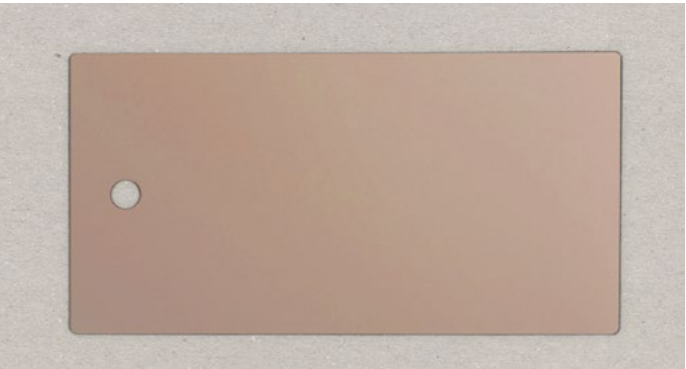


PPC Option
Supplier: Tiger
Colour: Champagne 612
Finish: Matte / Metallic

Anodised Option
Supplier: United Anodisers
Colour: Regency Gold 2
Finish: -

~~Delicate~~
~~With a lightness~~
~~Unique~~
~~Responsive to light & shade~~
~~Contextual~~

Palette C1



PPC Option
Supplier: Tiger
Colour: Marrone 3605
Finish: Matte / Metallic

Anodised Option
No Anodised Alternative
available

~~Delicate~~
~~With a lightness~~
~~Unique~~
~~Responsive to light & shade~~
~~Contextual~~

Of the darker palette, initial testing concluded that a number of the objectives of the finish were not being met

Of the colours included, only the ‘gold’ finish is achievable in an anodized finish



Preferred

A series of lighter tones within the palette were tested, with differing limitations on the meeting of those objectives

Some of these much paler tones are achievable in anodized, but limit the potential for a unique and distinctive approach to the facade.

The green being the outlier in that it does meet all the objectives, though it is not available in anodized.

Palette A2



PPC Option
Supplier: Tiger
Colour: RAL 6019/6021
Finish: Matte / Metallic

Anodised Option
No Anodised
Alternative available

Delicate
With a lightness
Unique
Responsive to light & shade
Contextual

Palette B2



PPC Option
Supplier: Tiger
Colour: Champagne 611
Finish: Matte / Metallic

Anodised Option
Supplier: United Anodisers
Colour: Anolok 541
Finish: -

Delicate
With a lightness
Unique
Responsive to light & shade*
Contextual

Palette C2



PPC Option
Supplier: Tiger
Colour: Argento 629
Finish: Matte / Metallic

Anodised Option
Supplier: United Anodisers
Colour: Natural Anodised
Finish: -

Delicate
With a lightness
Unique
Responsive to light & shade*
Contextual

*Response to light and shade

Where lighter tones are provided that can be achieved in an anodized finish, the reflective nature of the finish limits the response to light and shade that can be achieved.

- The finish can become desaturated in direct sunlight
- Overly reflective
- Loses the specific tones we want to represent

Coloured anodized finishes also often considered 'unstable'.

- Colours have tendency to fade over time
- One of the reasons the colour options are so limited
- Limited colour range also makes it more difficult to produce something unique

Palette B2



Anodised Option
Supplier: United Anodisers
Colour: Anolok 541
Finish: -

Delicate
With a lightness
Unique
Responsive to light & shade*
Contextual

Palette C2



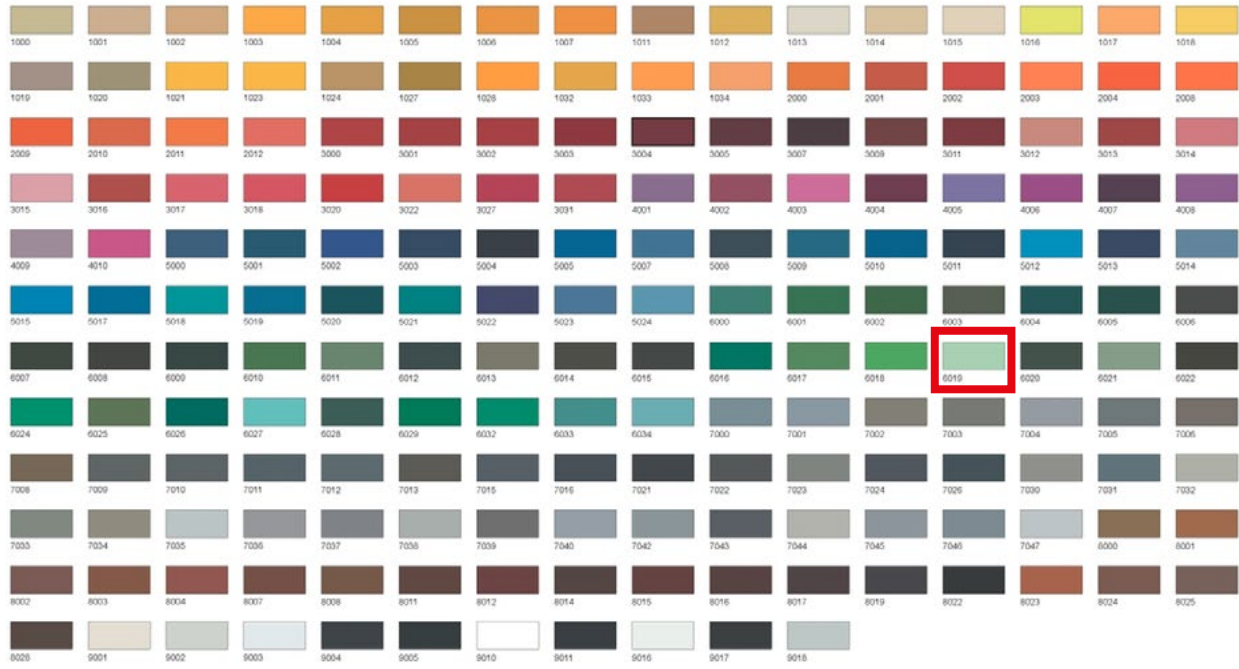
PPC Option
Supplier: Tiger
Colour: Argento 629
Finish: Matte / Metallic

Anodised Option
Supplier: United Anodisers
Colour: Natural Anodised
Finish: -

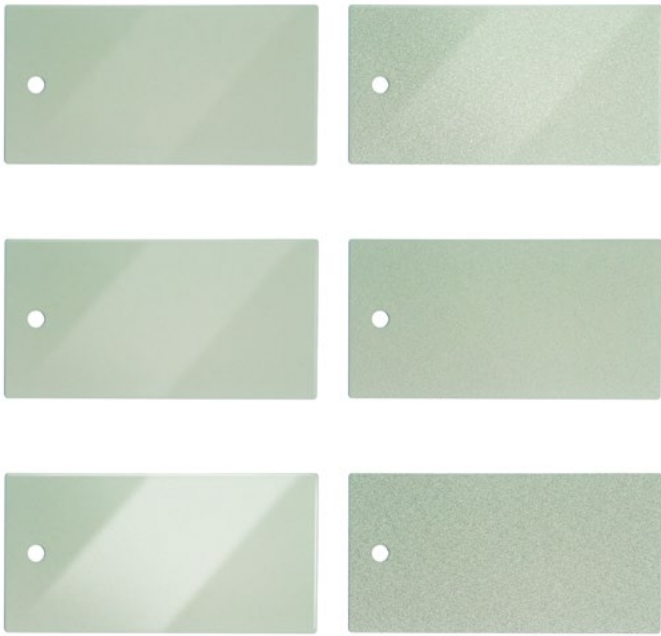
Delicate
With a lightness
Unique
Responsive to light & shade*
Contextual

There is limited availability of subtle pastel tones in anodized finish.

PPC



+ A wide range of colours are available with PPC; including, but not limited to, the full range of standard RAL colours.



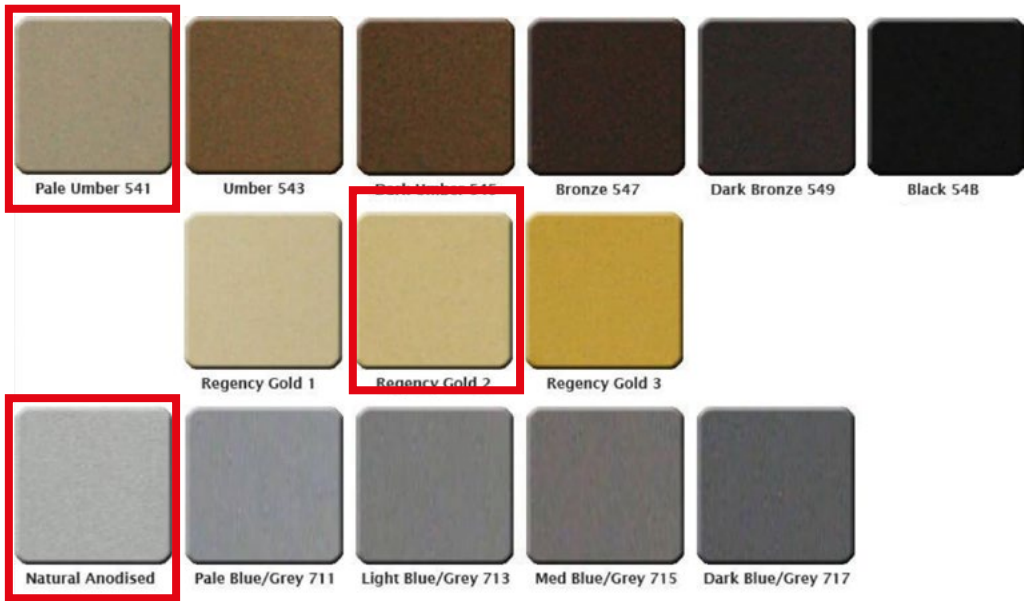
+ A variety of finishes allow for control of reflectivity - examples include;

- + Matte
- + Fine Textured
- + Rough Textured
- + Semi-Gloss
- + Gloss
- + Metallic

Anodised



+ A limited spectrum of colours are available through anodising - these tend to be very bold, saturated colours



+ 'Bronze' ranges allow for a greater control over specific tones within a narrower spectrum. This varies from 'natural anodised' to a dark bronze/ black.

Review of ‘closest match’ of
anodized tones to the selected
palette

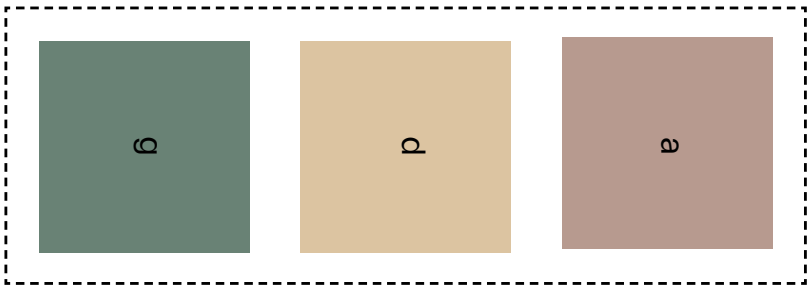
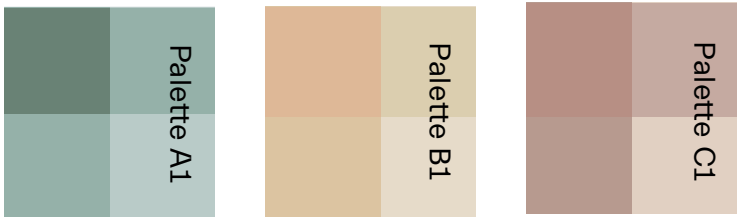
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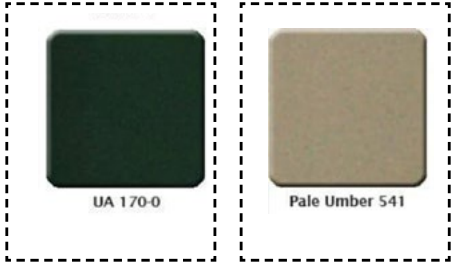
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g



Equivalent anodised
finishes



Tested overleaf



Tested overleaf

...And a number of these have been tested in context. Always with a limit on the number of key objectives achieved by the anodized finishes

Anodised - UA 170-0 (Green)



Anodised - Brass



Anodised - Champagne



~~Delicate~~
~~With a lightness~~
Unique
~~Responsive to light and shade~~
Contextual

Delicate
With a lightness
~~Unique~~
Responsive to light and shade
~~Contextual~~

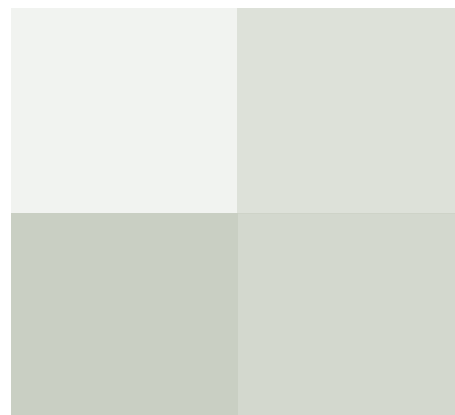
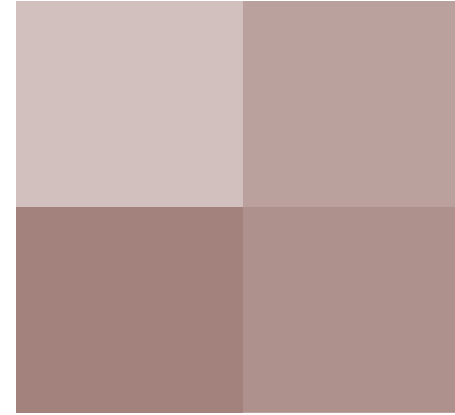
Delicate
With a lightness
~~Unique~~
Responsive to light and shade
~~Contextual~~

A complementary palette of green and red evolved from the references identified and reflected across internal and external spaces





...And this theme remains in the scheme to be delivered



Summary of facade finish ambitions



Unique and distinct

The colour selection for the Republic is unique to this particular project, suitable for this park context.

The tone is distinct enough to be an icon for Mayfield without being bold, brash or overbearing. Its subtlety is its strength.



Soft and Delicate

The thin, detailed and articulated facade is made up of repeated modules designed to give some softness to an otherwise large and robust building mass.

The folds and depth of reveals are designed to create interesting play with lights and shade as the sun animates the envelope. Made possible by the lightness of the finish.



Inspired by context and history

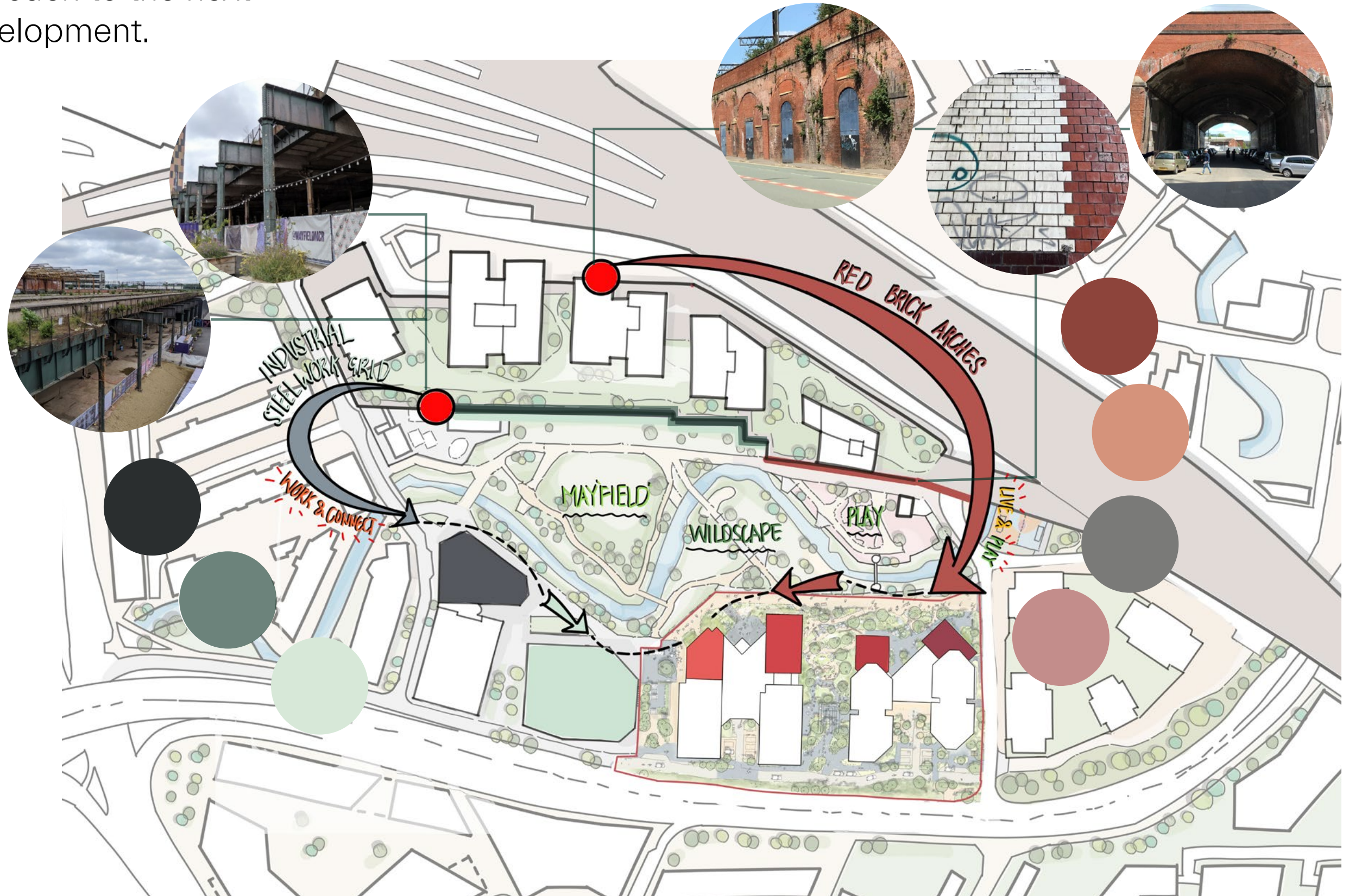
The early concept design was dominated by the variety of colours and textures in the industrial fragments that surround the site.

Artwork reflecting the impact of industry on these formerly common sites was similarly informed by a palette of the same soft palette.

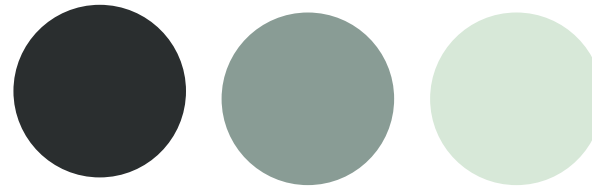
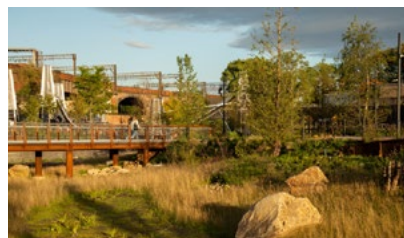
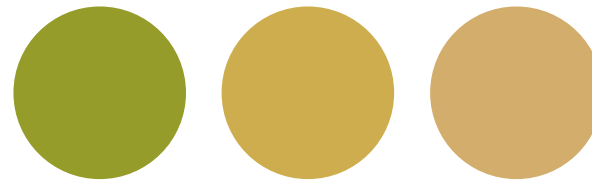
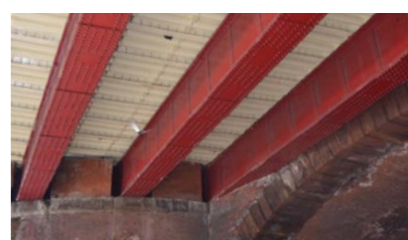
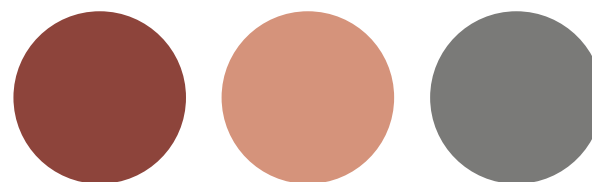
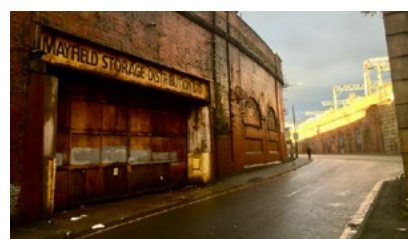
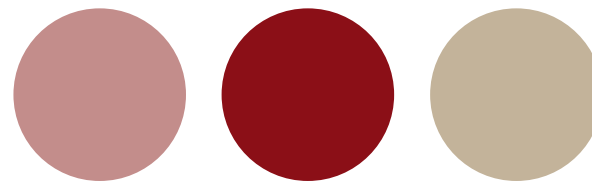
Masterplan later phases

Approach to the Republic was informed by the masterplan SRF, and has helped to shape and inform an approach to the next phases of development.

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We can see distinct districts or neighbourhoods emerging within the later phases; an ambition outlined in the SRF and in accordance with the Mayfield palette.



Proposal in Context

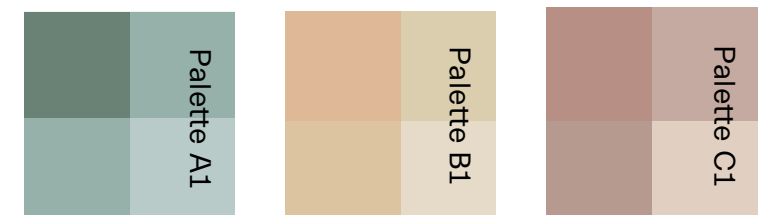
The preferred green has provided the context for the development of future phases



Proposal in Context



Incidentally the palette under consideration at earlier stages is replicated across the delivery of the next phase of the masterplan



Proposal in Context



RAL 6019

Alternative in Context

We believe a natural anodized option is less successful when considered as a building in isolation, and also as part of the wider masterplan



Alternative in Context



Alternative in Context



Natural Anodized

Updated CGI

Preferred RAL 6019 finish
Park Colonnade Viewpoint



Updated CGI

Preferred RAL 6019 finish
Park Elevation Viewpoint



Updated CGI

Preferred RAL 6019 finish
Mancunian Way Viewpoint



Updated CGI

Alternative Natural Anodized
finish

Park Colonnade Viewpoint



Updated CGI

Alternative Natural Anodized
finish

Park Elevation Viewpoint



Updated CGI

Alternative Natural Anodized
finish

Mancunian Way Viewpoint



Conclusion

Our view is that the PPC green proposed meets all the criteria set within the conceptual development for the project

Anodised - Natural



- Delicate
- With a lightness
- Unique
- Responsive to light and shade
- Contextual

NO DISTINCT IDENTITY

Preferred

PPC - Green



- Delicate ✓
- With a lightness ✓
- Unique ✓
- Responsive to light and shade ✓
- Contextual ✓

Anodised - UA 170-0 (Green)



- Delicate
- ~~With a lightness~~
- Unique
- ~~Responsive to light and shade~~
- Contextual

NO SUBTLETY

Anodised - Natural



Delicate
With a lightness
~~Unique~~
Responsive to light and shade
~~Contextual~~

NO DISTINCT IDENTITY

Preferred

PPC - Green



Delicate
With a lightness
Unique
Responsive to light and shade
Contextual



Anodised - UA 170-0 (Green)



~~Delicate~~
~~With a lightness~~
Unique
~~Responsive to light and shade~~
Contextual

NO SUBTLETY

Anodised - Natural



Delicate
With a lightness
~~Unique~~
Responsive to light and shade
~~Contextual~~

NO DISTINCT IDENTITY

Preferred

PPC - Green



Delicate ✓
With a lightness ✓
Unique ✓
Responsive to light and shade ✓
Contextual ✓

Anodised - UA 170-0 (Green)



~~Delicate~~
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Unique
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NO SUBTLETY