“Roll Out The Red Carpet”

Steel Race Reuse 2020

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The current sociological climate and our everyday interactions with social media have created a self-awareness and self-assessment on the average citizen. This awareness could sometimes lead to self -criticism and twist our understanding of how we measure our success and significance.

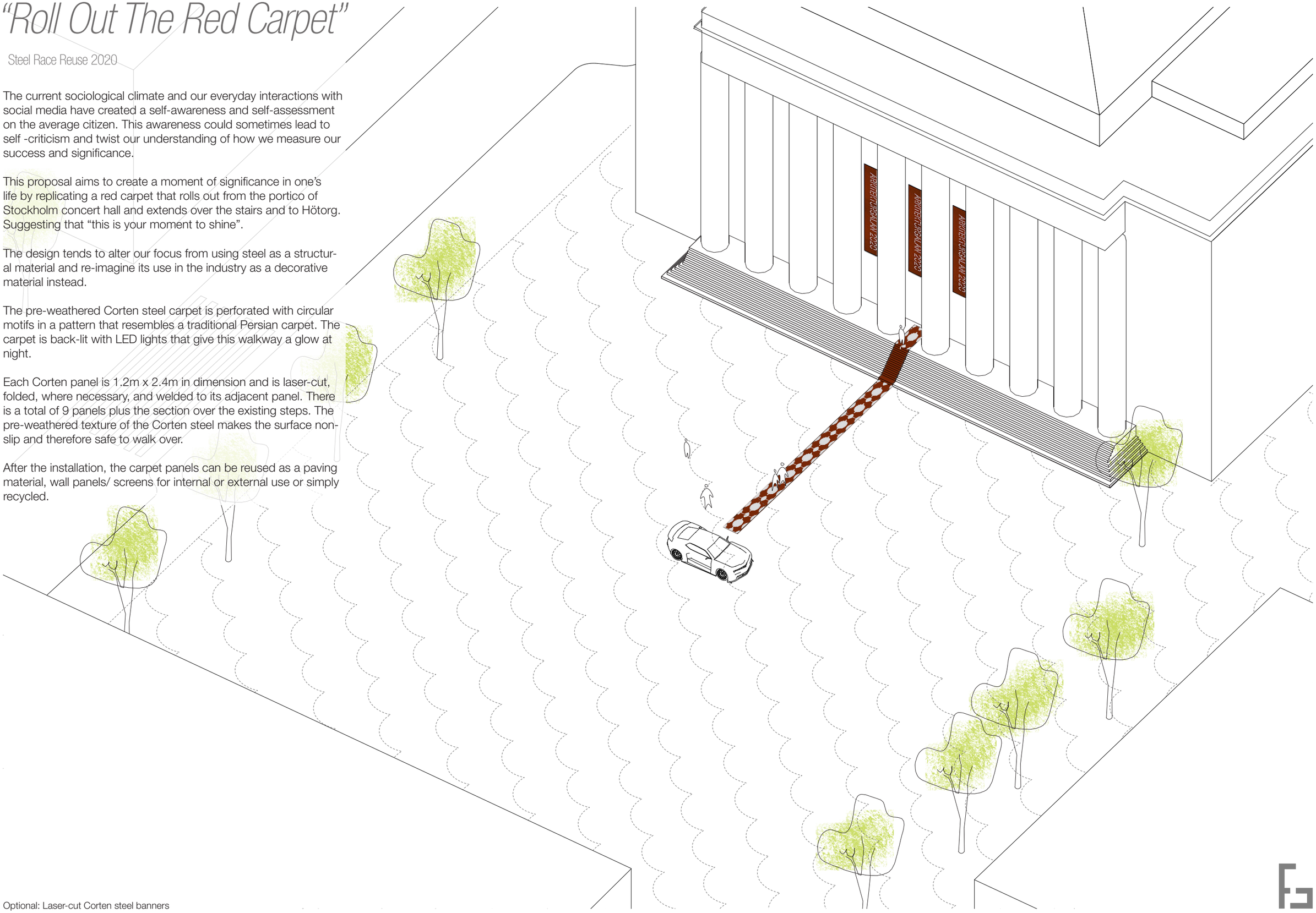
This proposal aims to create a moment of significance in one’s life by replicating a red carpet that rolls out from the portico of Stockholm concert hall and extends over the stairs and to Hötorg. Suggesting that “this is your moment to shine”.

The design tends to alter our focus from using steel as a structural material and re-imagine its use in the industry as a decorative material instead.

The pre-weathered Corten steel carpet is perforated with circular motifs in a pattern that resembles a traditional Persian carpet. The carpet is back-lit with LED lights that give this walkway a glow at night.

Each Corten panel is 1.2m x 2.4m in dimension and is laser-cut, folded, where necessary, and welded to its adjacent panel. There is a total of 9 panels plus the section over the existing steps. The pre-weathered texture of the Corten steel makes the surface non-slip and therefore safe to walk over.

After the installation, the carpet panels can be reused as a paving material, wall panels/ screens for internal or external use or simply recycled.



Optional: Laser-cut Corten steel banners

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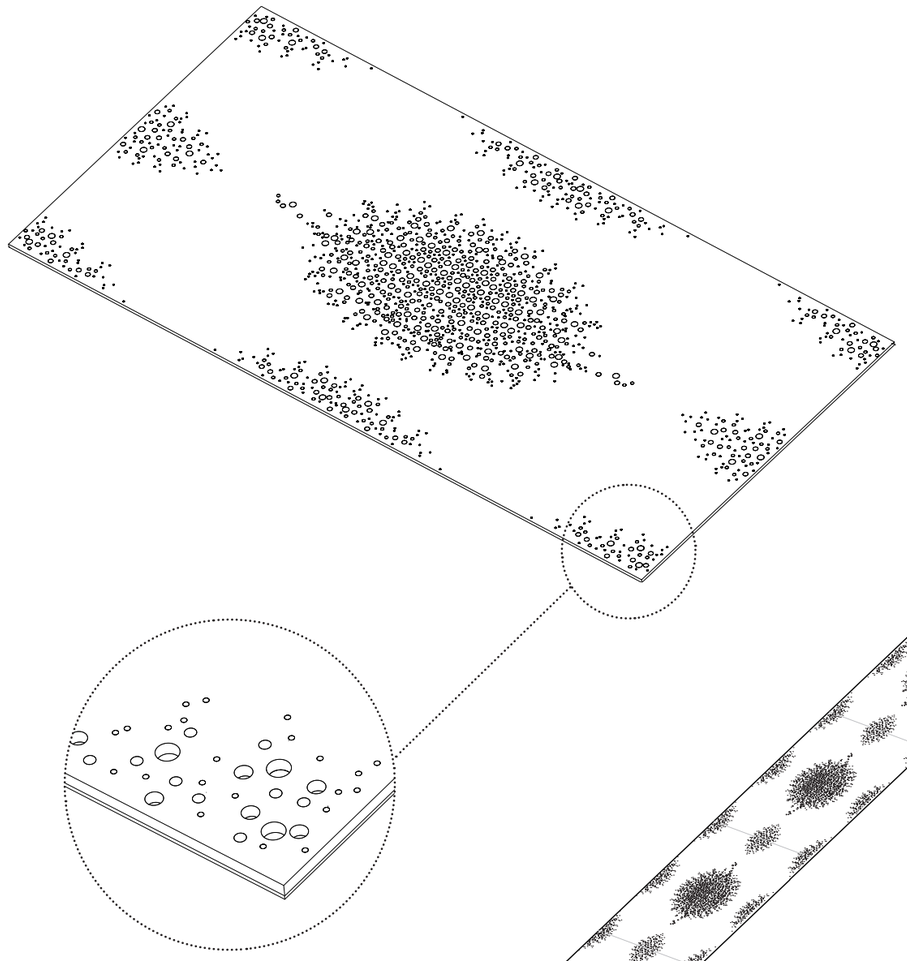
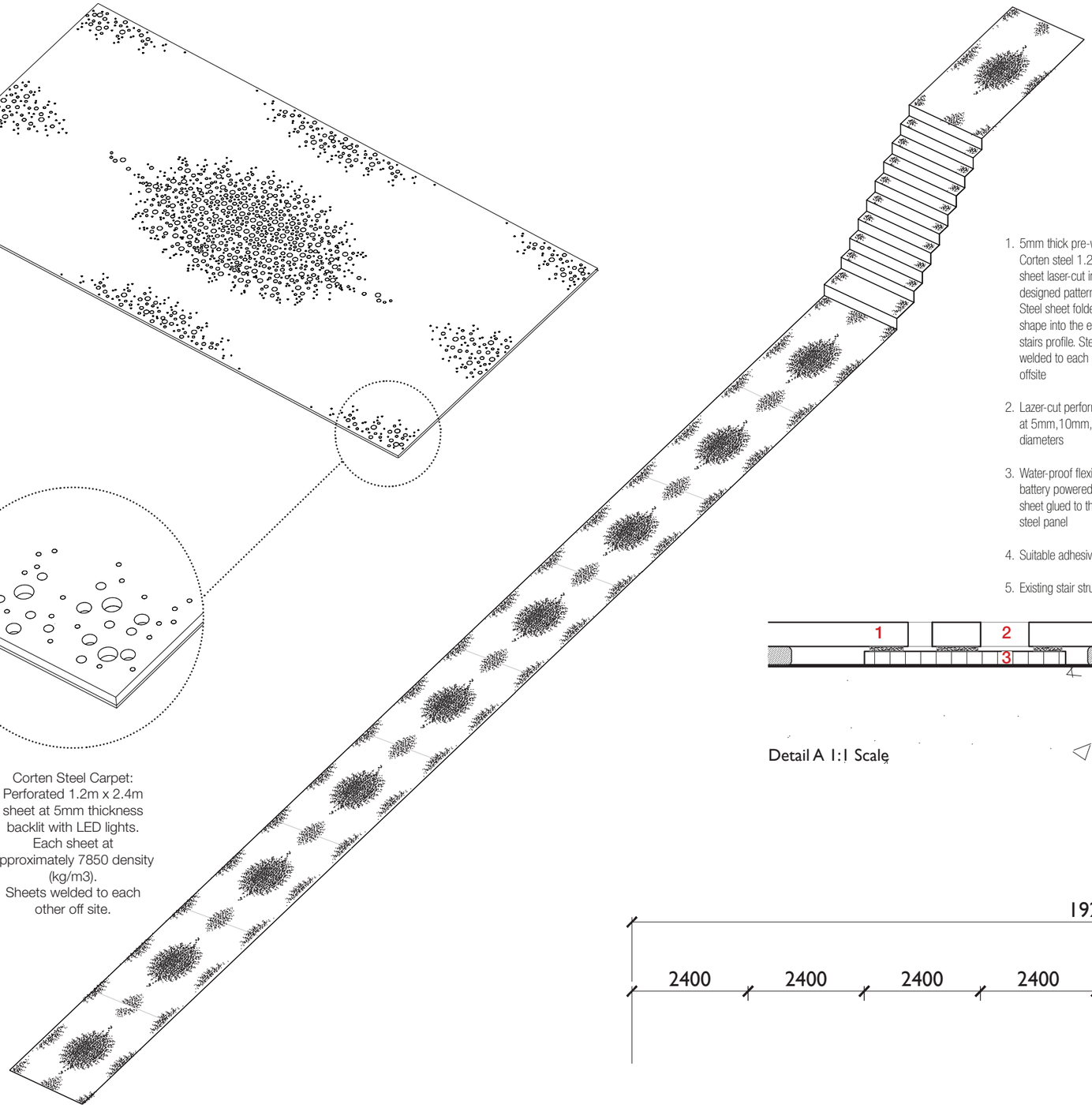


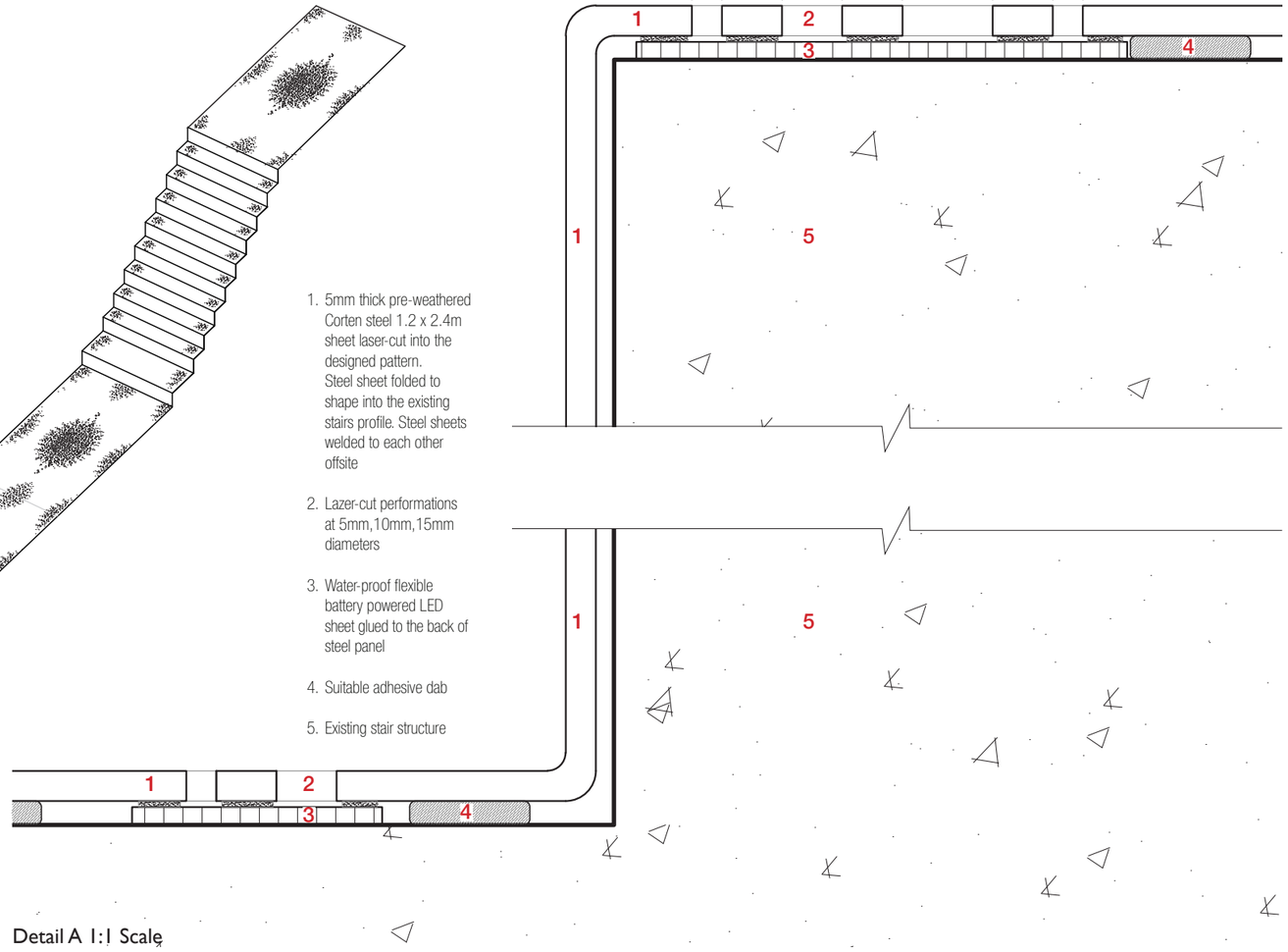
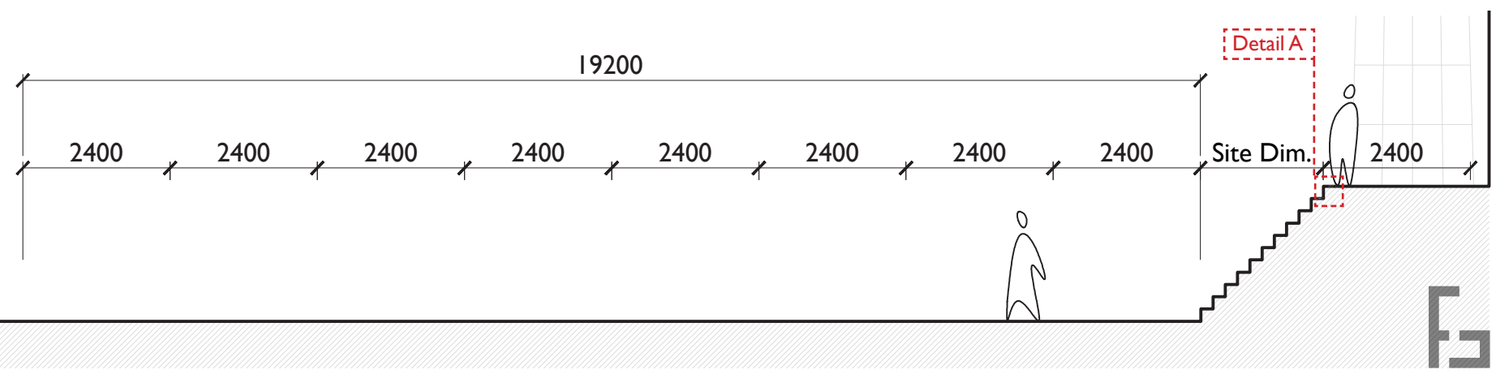
Corten Steel Carpet:
Perforated 1.2m x 2.4m sheet at 5mm thickness backlit with LED lights.
Each sheet at approximately 7850 density (kg/m3).
Sheets welded to each other off site.



Section 1:100 Scale

0 2.5 5

1. 5mm thick pre-weathered Corten steel 1.2 x 2.4m sheet laser-cut into the designed pattern.
   Steel sheet folded to shape into the existing stairs profile. Steel sheets welded to each other offsite
2. Lazer-cut performations at 5mm,10mm,15mm diameters
3. Water-proof flexible battery powered LED sheet glued to the back of steel panel
4. Suitable adhesive dab
5. Existing stair structure



Detail A 1:1 Scale