## Rooftop Bar, Restaurant Renovation Design & Costing Options Rev1 8.1.21



This document describes the optimum solution in terms of desirability, aesthetics and functionality



## Joseph Morley Owner



## **Project Brief**

"I am undertaking a restaurant renovation in Poulton Le Fylde. The client has specifically requested a rooftop bar with a retractable roof system. We would like a solid wall construction with a bifold door on the rear elevation that will also step out onto a small balcony, also a bifold window on one side elevation"

## Recommendations

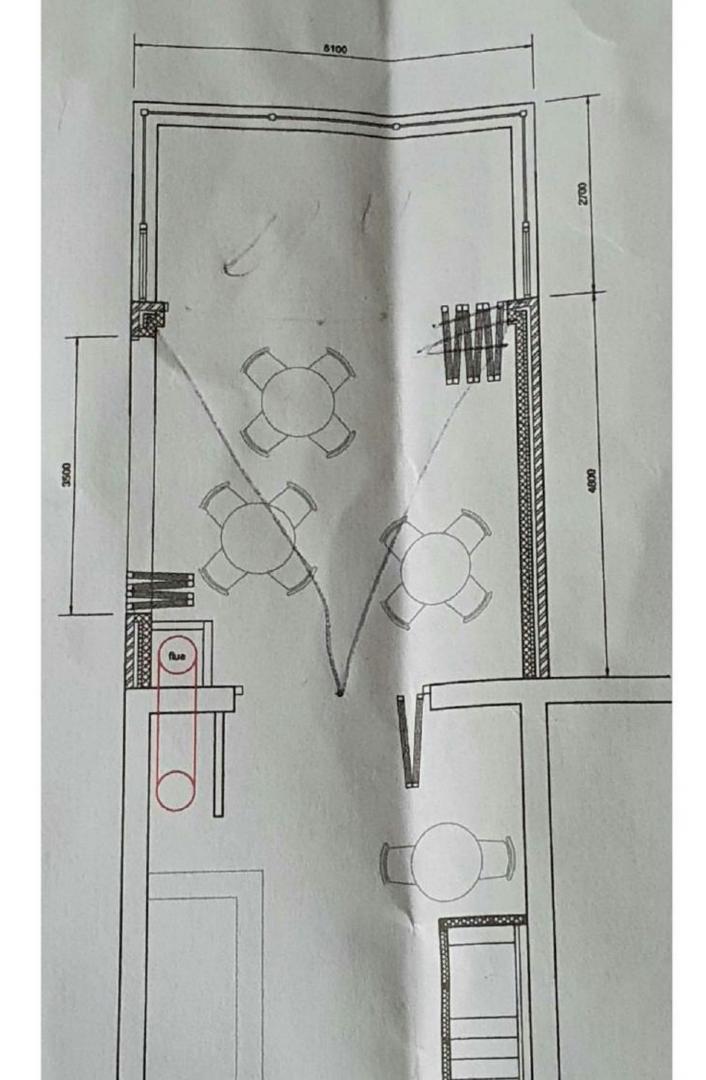
This quote is for Crown to build and install a free standing steel structure, retractable roof system and 2 sections of glazing, with solid construction, floor etc.. by Morley Construction Solutions. We are flexible and can increase or reduce our list of tasks as we progress the design.

Following our site meeting 7.1.21 we have agreed to progress with the retractable fabric roof system;

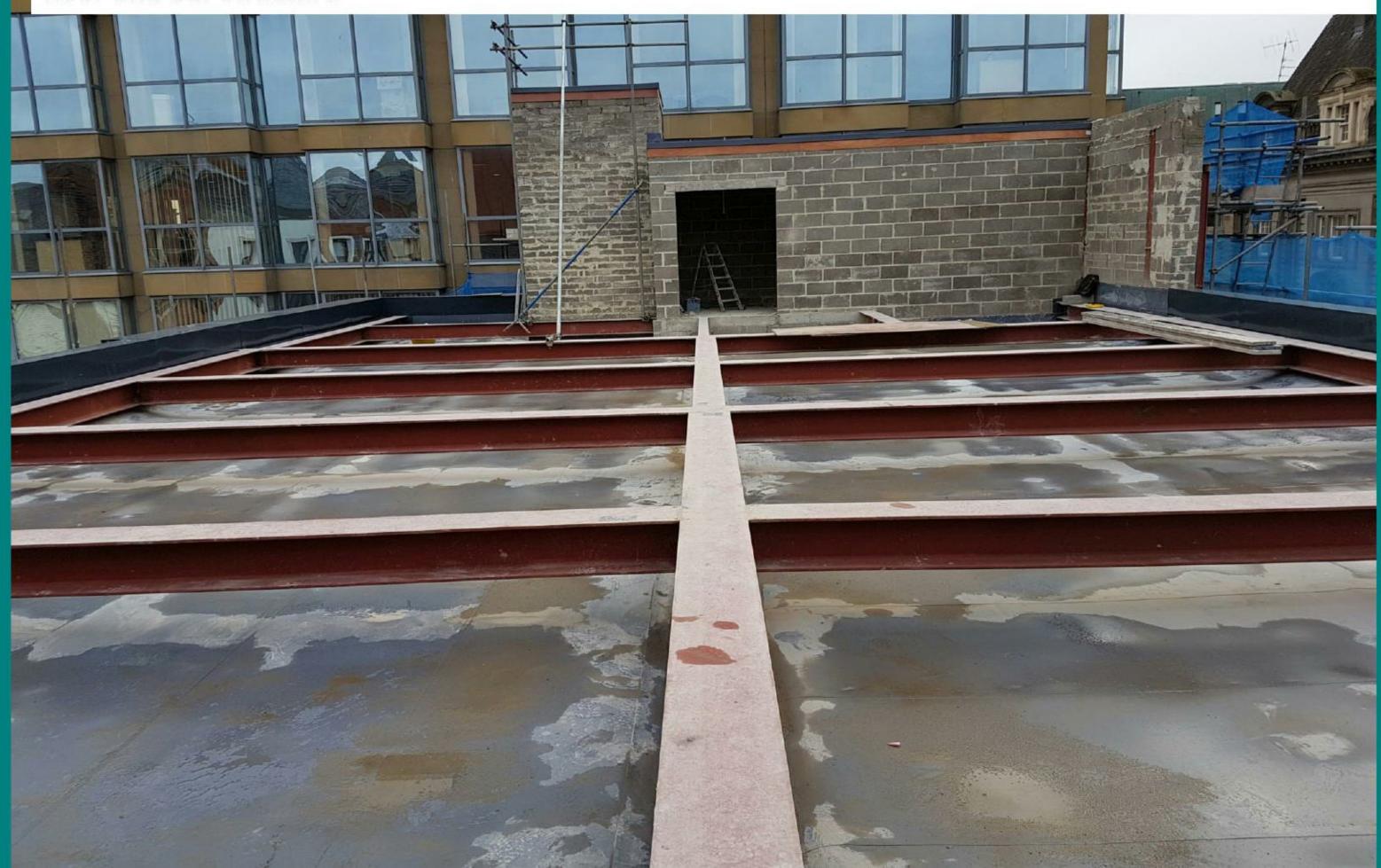
Retractable roof system with exclusive roof fabric and 3 axis fabric support profiles. This is windforce 11 tested so can be used all year round, but it does not have a thermal break and the thermal properties are similar to single plate glass. Sliding glazing to front elevation and mid height sliding glass to one side elevation. Controllable IP rated IR heating to be included. Festoon lighting to be included. Also advise price to include artificial turf to the outside area including the alfresco area. This system includes integrated gutter and drainage.

Plan View accepted by Planning Authority

5100mm wide x 4800mm projection retractable roof structure and alfresco terrace 5100mm wide x 2700mm



This is an example of a large roof top terrace prep works showing a matrix of RSJs to support the floor and our structure



This is the same roof with the RSJs painted and wooden joists added to support the floor. Our structure – affixed to the wall at the rear. 2x corner pillars at the front elevation corners that will affix on top of the RSJs.

The RSJs provide a level perimeter for glazing, brickwork etc...

