Design and Access statement – Temporary exterior event branding scheme
Details of fixing methods

A. Entrance Totem

Reference: 4. CAD - TOTEM

Entrance Totems are freestanding signage posts comprising an internal metal frame, a weighted base and a backboard with graphic. This item is prefabricated and screws together on site for simplicity, efficiency and safety. It will not be necessary to cut materials during assembly, so avoiding the use of cutting tools or the need to create dust or waste.

Momentum Structural Engineers Limited have visited site and viewed the CAD drawings of this item and suggested the proposed ballast based on a prevailing wind speed of 18.5m/s at 2.4m height in Central London in November.

1. 50mm x 50mm metal box frame to 'L' shape to accommodate ballast weight to the front. Roller paint satin black.
2. Timber construction from exterior quality 18mm board, including backboard fixed to metal frame using self tapping 'Tech-screw' type fixings. Self etch paint finish.
3. Base board under frame to spread weight in the pavement.
4. Ballast box containing 24 number 12.5Kg metal weights providing 300Kg of ballast, plus self weight of approximately 30Kg total 330Kg
5. A printed vinyl graphic applied to a plastic sheet of 3mm thickness will be bonded to the front face of the backboard using VHB (Very High Bond – resin gel) tape.
6. Sitting on the ballast box of each Entrance Totem is 1 x LED battery up light fitting. The light fitting is tethered to the ballast box construction using a steel wire rope loop security device, which in turn is screwed to the timber construction.

   On removal the installation process is reversed in such a way that no trace is left.

B. Floor standing Banner

Reference: 5. CAD - FLOOR STANDING BANNER

Floor standing Banners are signage posts comprising timber construction backboard with lighting trough to the base and graphic. This item is prefabricated and screws together on site for simplicity, efficiency and safety. It will not be necessary to cut materials during assemble, so avoiding the use of cutting tools or the need to create dust or waste.

Momentum Structural Engineers Limited have visited site and viewed the CAD drawings of this item and suggested the proposed method of connection to the building railings, based on a prevailing wind speed of 19.2m/s at 3.0m height in Central London in November.

1. Timber construction from exterior quality 18mm board, including backboard fixed to existing building metal railing using metal cleats.
2. Metal cleats, lined with rubber fabric, to avoid damage to existing paint finish of the building railing will be placed to the rear of the railing and fixed through into the back board of the Floor Standing Banner. 4 number connections will be made around the railings, 2 number to the top chord and 2 to the bottom chord.
3. A printed vinyl graphic applied to a plastic sheet of 3mm thickness will be bonded to the front face of the backboard using VHB (Very High Bond – resin gel) tape.
4. At the base of each Floor Standing Banner there is a timber lighting trough with lighting aperture, fabricated from 18mm timber to house 1 number LED battery up light fitting. The light fitting is retained in the trough by a screw-down and therefore removable timber top, allowing the battery light to be removed after each game play for recharging.

   On removal the installation process is reversed. By using interface pads between connections, items can be removed without trace.

C. Theatre Graphics

Reference: 3. VISUAL PRESENTATION Item C.

The Theatre Wall Graphic comprises two types:

C.1 Graphic overlay to existing wall structures
C.2 Graphic wrap to existing building columns

C.1 Graphic overlay to existing wall structure

A proprietary tensioned fabric graphic system, commonly used for this purpose will be employed for the application. It requires overlay of the wall surface using 12mm sheet timber fixed to the wall using drilled, No 8 screw fixings. A lightweight aluminium track extrusion is then screwed to the timber using 12mm No 8 screws, into which a printed PVC fabric banner is affixed by use of a sprung, closing jaw.

On removal, the fabric is removed from the aluminium extrusion and the extrusion taken off the overlaid timber sheeting. The timber sheeting is then removed and all drilled holes filled, made good and painted so as to leave no trace.

C.2 Graphic wrap to existing building columns

The 3 existing building columns will each be wrapped with a printed PVC banner. This will be secured using both a Velcro closing (male and female Velcro) main seam to the rear of the column, plus a 10mm metal tie band to the top and bottom, so deterring removal. Removal can only be carried out by intentionally using a hand tool to cut the banner material.

On removal the metal band will be cut using a hand tool and the Velcro seam separated to facilitate removing the wrap without trace.

D. Exterior Chess Board

Reference: 7. Pavement Chess Board

See detailed explanation