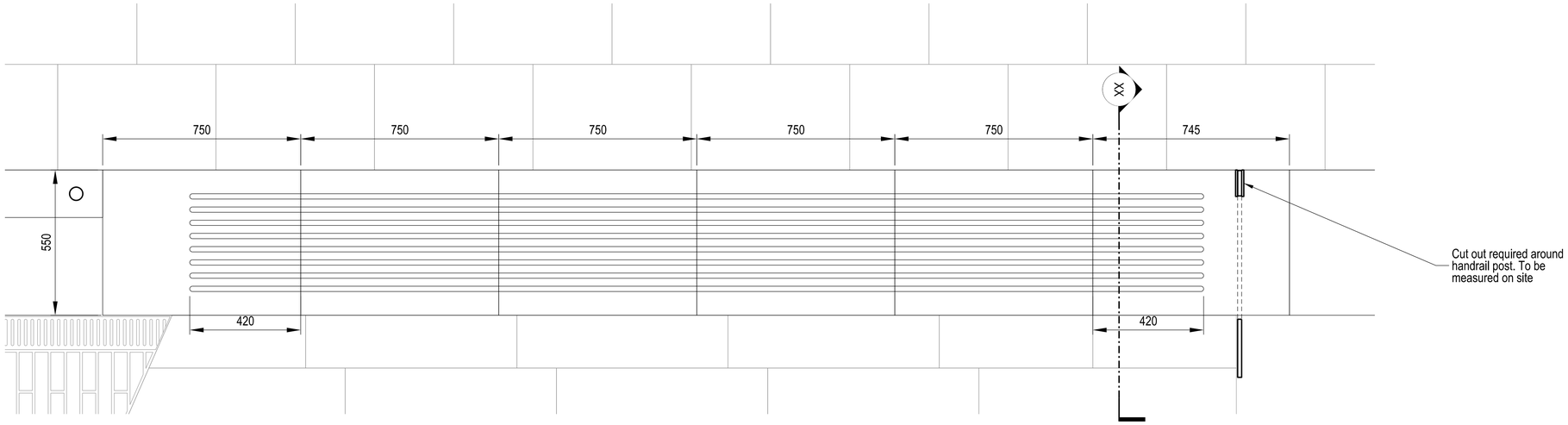
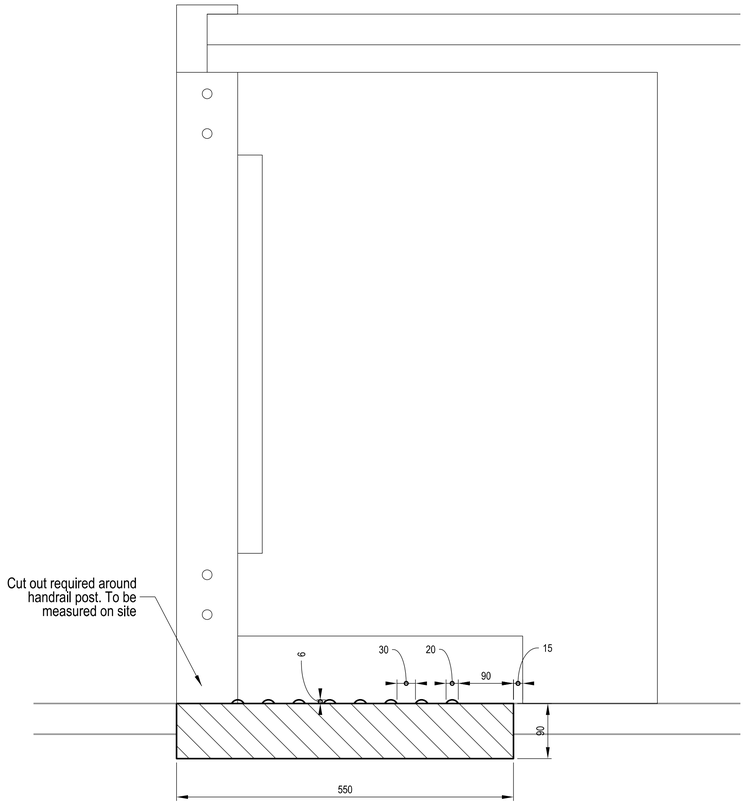


01 Plan
1:10



02 Section
1:5

NOTES:

Refer to drawing DR-S-1100 for location of proposed works.

The stone paving was laid in c2000 and is generally in sound condition, however a section of tactile stone has not worn well. The Museum uses this as a trolley route and repeated deliveries, coupled with high footfalls, have led to the stone breaking up on the surface. It causes a trip hazard and rubber matting is now used to avoid slips, trips and falls.

The type of tactile markings, currently a series of slots cut into the surface of the stone, is not in line with current guidance for tactile paving for those with visual impairments. This stone band demarks the top of a ramp leading down to the Gardens.

We wish to replace the entire tactile band with new sections for Portand stone, machined on the upper surface to create corduroy markings in line with current guidance for those with visual impairments. A drawing showing the layout of the steps and surface treatment is appended to this document.

Please note that the stonework on the right hand side of the entrance (as viewed on the approach from the Gardens) has to coordinate with a stainless steel balustrade and the end panel of stone needs to be scribed to fit around this architectural metalwork, as it does today.

In summary the works comprise:

-Careful removal of the existing stone panels and bedding mortar, taking care not to damage the adjacent paving, drainage grille or architectural metalwork.

-Fabrication of new stone panels to match the existing layout, but with a more conventional corduroy surface, with flat sections of stone at either end, as per the existing layout and attached drawing. The stonework should be matched in colour and grain to the adjacent stonework as closely as possible. A fined grain Portland stone which will be more durable, should be used. If there is an alternative stone that is similar in appearance but more resistant to ware, this can be submitted for review. The stone should be sealed with an appropriate non-gloss impregnated sealant to avoid staining. Contractors should propose sealant for the architect's approval. Physical samples of the stone with sealant applied, will be required, delivered to site, for benchmarking, before final fabrication of the stonework.

-Bedding should be to the installers' recommendations and detailed product information should be submitted for review by the architect/client/contract administrator prior to commencement of the works. Ardex bedding is preferred, suited to an external environment and frost resistance.

-The jointing between the stones should replicate the existing narrow joints of the paving. The joint should be fully grouted and even and level between new slabs and the adjacent stonework.

-It appears from the slab edge condition that the existing slabs are 90mm thick and this should be assumed for pricing. However the contractor will be expected to check and confirm this thickness runs throughout prior to fabrication. It will therefore be necessary to price for a per-fabrication site visit to lift and re-lay one section of stone, or core drill locally, to confirm this thickness. The timing of this investigative work will need to be agreed with the Head of Estates to ensure alternative public access can be provided.

-Contractors will be expected to carry out their own detailed measurements on site. The dimensions provided on Landolt + Brown's drawings are for pricing purposes and should not be used for fabrication or construction.

Key Plan

General Notes
1. Do not scale
2. All dimensions are shown in millimetres unless otherwise noted

Rev	Date	Reason For Issue	Dr	Chk	App

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Project
Horniman Museum
Entrance Paving

Title
Proposed Details

Project Number	Date	Checked By
649	13/08/2020	RJ
Revision	Scale @ ISO A1	Approved By
0	Varies	AB

Drawing Number
LAB-649-DE-2500

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