

SPECIFICATION:- GALVANISED M/S GATES, SCREENS AND BRACKETS WITH S/S HOLDFASTS

Sizes must not be scaled off the drawing. Overall dimensions are approximate.

Contractor must check all relevant dimensions and levels on site before manufacturing the barriers, rails etc.

Contractor to supply only stainless steel hold fasts which are to be built into joints in masonry by Historic Environment Scotland's Masons.

Any queries, discrepancies or deviation from details on drawing should be reported to and approved by HES Architect and Supervising Officer prior to any fabrication.

All bolts, screws, etc to be stainless steel unless otherwise noted.

Separating layer required between dissimilar materials.

Appointed Contractor to work in conjunction and liaise with HES MCU.

Care to be taken when working with Historic fabric to avoid any damage of any kind.

MATERIALS:

All structural hollow section steelwork to be to BSEN 10210 S275J2H .

All structural hot rolled steelwork grade S275 JO.

Steelwork to be straight, true and free from loose rust, mill scale and mud and properly prepared for primer if specified.

All work to comply with BS 5950.

Contractor to site check dimensions before fabrication commences.

Welding to comply with BS 5135. Carry out testing to BS 4870 and BS4871.

Bolts to be grade 4.6

Grades of materials and surface finish: The Gate/Screen is to be manufactured using galvanised carbon steel to BS1449:1991, grade 43.

All stainless steel to be austenitic type, grade 316L, to B.S.1449:part:1983.

FABRICATION GENERALLY:

Finished components to be rigid and free from distortion, cracks, burrs and sharp arises.

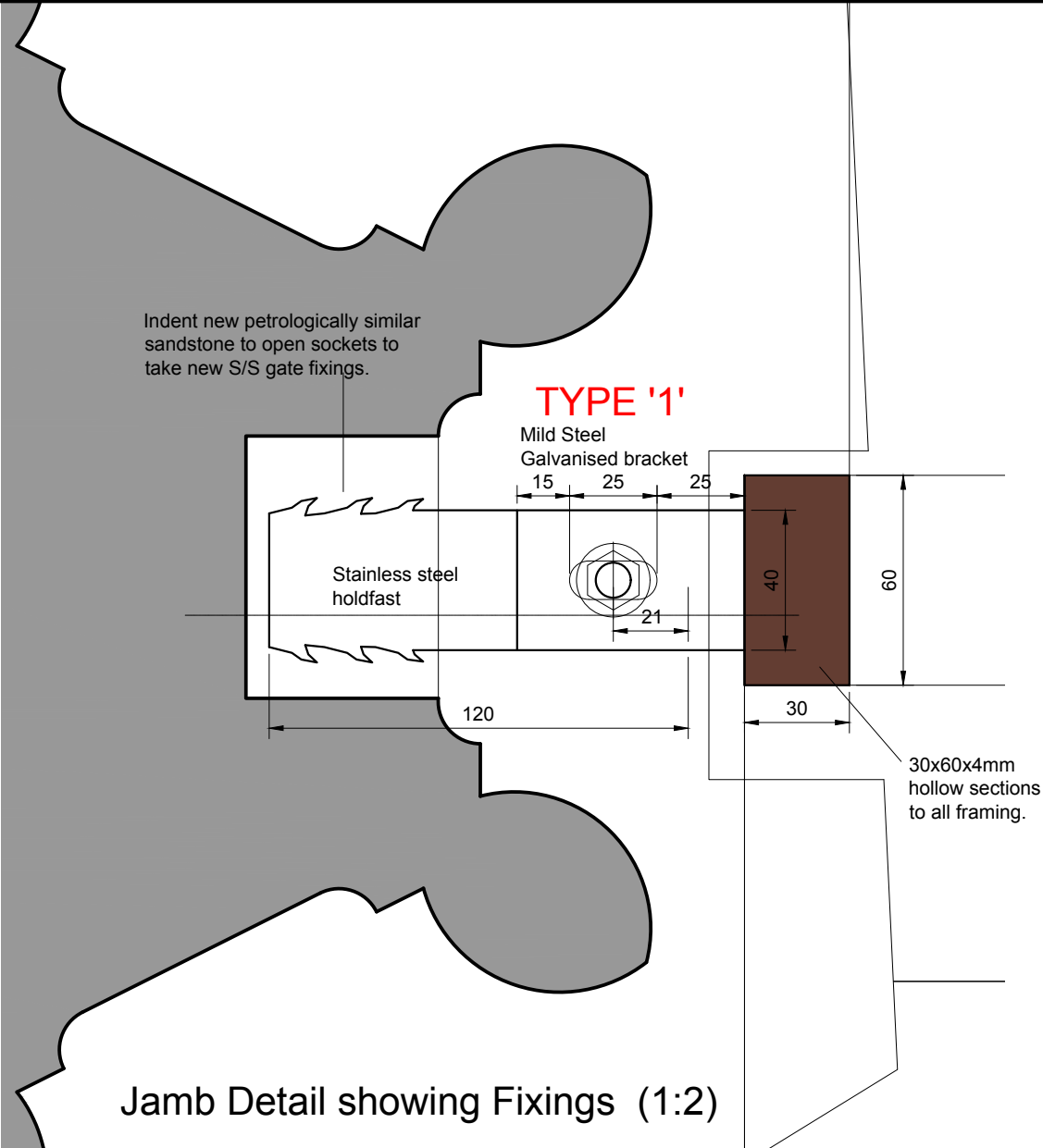
Use proprietary products to manufacturers recommendations.

WELDING/BRAZING (generally):

Thoroughly clean surface to be welded. Ensure an accurate fit using clamps and jigs where practicable. Use tack welds only for temporary attachment unless specified otherwise. Make joints with parent and filler metal fully bonded throughout with no inclusions, holes, porosity or cracks. Completely remove all traces of flux, residue and slag. Butt welds which will be visible in completed work to be finished smooth and flush with adjacent surfaces.

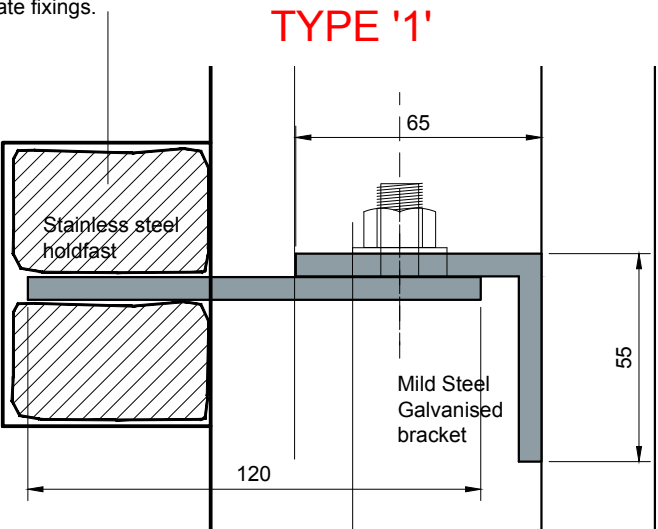
All ironwork to be powder coated to EN13438 & EN15773 and suitable for exterior application (60-80 Microns thk.).

Powder Coated to RAL 8022 Black/Brown.

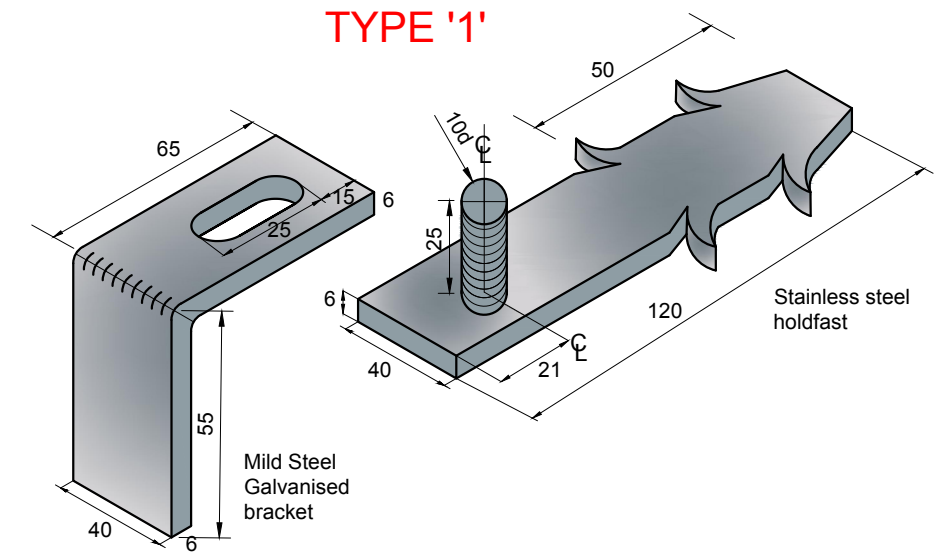


Jamb Detail showing Fixings (1:2)

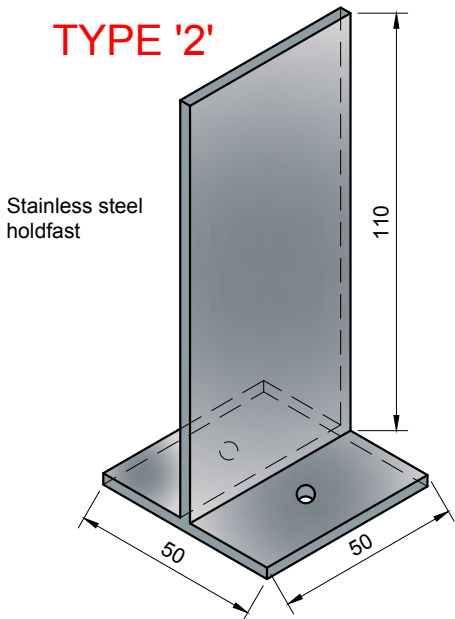
Indent new petrologically similar sandstone to open sockets to take new gate fixings.



Section Thro' Bracket (1:2)

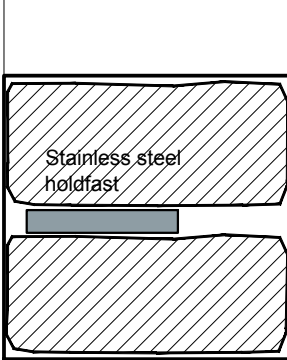


Support Detail (1:2)



'T' Section Fixing (1:2)

TYPE '1'



Elevation (1:2)

MONUMENT	ST BRIDGETS KIRK
PROJECT	New Gates into Inglis Aisle



HISTORIC
ENVIRONMENT
SCOTLAND

ÀRAINNEACHD
EACHDRAIDHEIL
ALBA

PROJECT DRAWING NUMBER	SMC
SCALE	1:20, 1:100 @ A3
ARCHITECT	DMBorthwick
DATE	Jan '2017
DRAWN BY	BTPringle
ARCHIVE NUMBER	365/266/077