Rev.

Dig No.

Project

General Notes

The Contractor to visit site, check the area and consider all aspects of protection and temp. works and check all measurements prior to start of works.

The Contractor shall submit a Method Statement and Risk Assessment for carrying out the works and in particular to means of :-

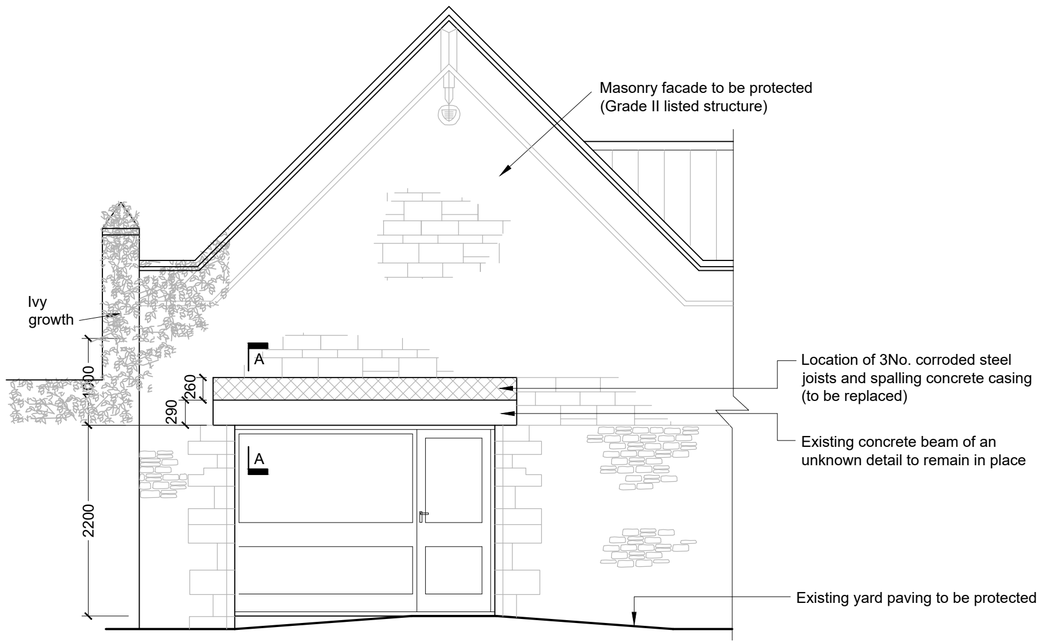
a) Safe support for the shop gable wall, prior to breaking and removing the spalled concrete casement and 3No. steel joists. (The gable wall load on the beam (to replace) is in the order of 30KN = 3 tonne/m run
b) Details for sequence of operation for safe cutting and removal of the corroded steel joists. (200mm deep x 3.5m long approx.)
c) Casting a new R.C. concrete beam and grouting any voids between the masonry and new beam (see cross-section A-A proposed)

The Contractor attention is drawn to the grade II listed status of the building & to consider all aspects to protect and maintain the area at all times. Some services are attached to the back of the working area, and they must be maintained, protected or diverted as directed on site.

Note:-
The Gift Shop is privately run business and the Contractor is to liaise with Margam Park manager to agree aspects between all parties and to allow for this in his Program of Works, The method statement and the Construction Phase Health and Safety Plan.

Make up of existing gable wall and mortar repairs

- Ashlar masonry - Close jointed masonry with joints 2-3mm to the upper face of wall. Allow 2m.sq. mortar repair, lime based & comprising 1 part moderately hydraulic line (NHL3.5) and one part fine sand (0.8-0.08mm)
- Coursed dressed - square dressed to the rest of outer face wall and random stone laid to course on the inner face of wall, all laid in 10mm bed joint. Allow 5m sq. mortar repair, 1 part hydraulic lime (NHL 3.5) and 3 parts well graded sharp sand (3.5mm to .8mm)
- Pointing to stone masonry shall be carried out to a depth of 40mm with slightly recessed jointing.
- Colour additive of new beam concrete to suit existing stone & outer face of beam to mimic jointed finish as stone work above.



View On Gift Shop / Front Entry

(Grade II listed site)

Scale 1:50

Encased steel joists

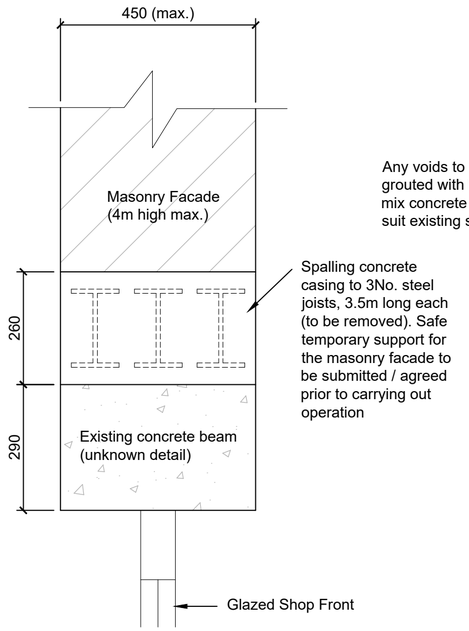


View on Shop Front

Member	Bar mark	Type and size	No. of mbrs.	No. of bars in each	Total no.	Length of each bar + mm	Shape code	A* mm	B* mm	C* mm	D* mm	E/R* mm	Rev letter
beam	01	H8	1	46	46	1050	51	265	180	(115)	(115)		
	02	H16	1	8	8	3425	00						

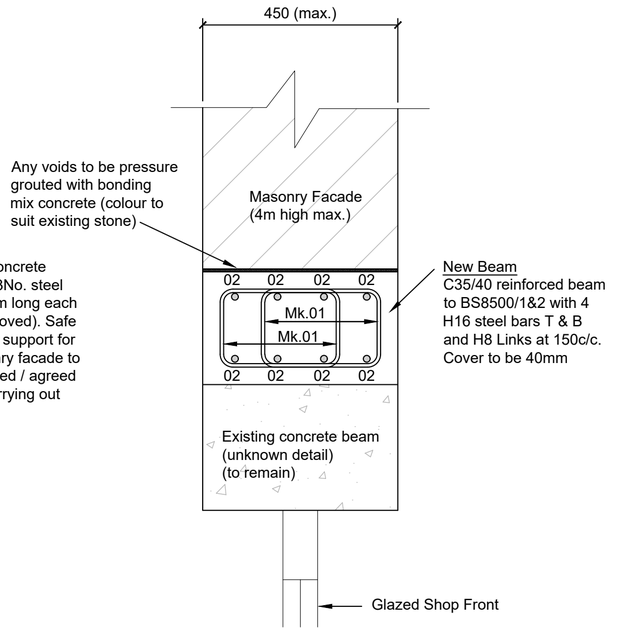
This schedule conforms to BS 8666:2005
* Specified in multiples of 5 mm + Specified in multiples of 25 mm

Bar Bending Schedule



Existing Cross-Section A-A

Scale 1:10



Proposed Cross-Section A-A

Scale 1:10

NOTES

1. **All dimensions in millimetres unless otherwise stated.**
2. All vegetation shall be cleared from the faces of the wall and ground cover cut back to allow a detailed photographic record of the wall to be taken prior to the commencement of any masonry work.
3. Prior to dismantling any section of masonry affectedall stones shall be numbered or otherwise identified so as to allow accurate re-bedding in of the wall.
4. Makeup of Gable Wall
 a) Ashlar Masonry- close jointed masonry with mortar joints of around 2-3mm. this is found to the outer face of the wall and the coping above the beam which extend full width for approximately 750mm.
 b) Coursed dressed stone- Square dressed stone laid in courses with 10mm nominal bed joints. This is found in the lower portion of the wall, and the inside face of wall above the beam
5. Mortar for the ashlar masonry shall be lime based mortar comprising 1 part moderately hydraulic lime (NHL 3.5) and 1 part fine sand (0.8 - 0.075mm).
6. Mortar for the coursed stone masonry shall be lime based mortar comprising 1 part moderately hydraulic lime (NHL 3.5) and 3 parts well graded sharp sand (3-5mm to 0.075mm).
7. Pointing of the coursed stone masonry shall be carried out by raking out joints to a depth of 40mm and filling the joints with mortar consolidated by pressing with tools to produce a slightly recessed joint. the surface should then be stippled with a brush to produce a slightly roughened effect.

Rev	Details	Dr	Ch	Apr	Date

Neath Port Talbot
Castell-nedd Port Talbot
County Borough Council Cyngor Bwrdeistref Sirol
Making a difference *Gwahaniaeth er gwell*

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Project
Margam Park Gift Shop

Drawing Title
Replacement of Shop Front Lintel

File No.		Property Ref. No.			
Drawn	March'19	Checked	M.Jama	Approved	T.Preece
Date	J.Hughes	Date	March'19	Date	20/02/19
Scales	As Shown				
Drawing No. R13130/S301/01					Rev.

THIS IS A C.A.D. PRODUCED DRAWING AND SHOULD NOT BE AMENDED BY HAND.