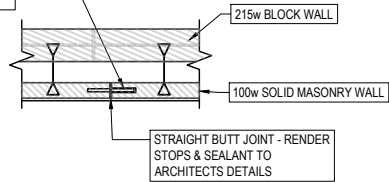


TYP. BLOCKWORK COLLAR JOINTED NOTE:

ALL COLLAR BONDED MASONRY WALLS ARE TO BE CONSTRUCTED AS FOLLOWS:

- FLAT METAL WALL TIES OF CROSS-SECTIONAL AREA 20mm x 3mm @ 450mm ctrs Vert. & Horiz. ARE TO BE PROVIDED. TIES TO BE GALVANIZED MILD STEEL TO INTERNAL WALLS & STAINLESS STEEL TO PERIMETER WALLS.
- THE MINIMUM EMBEDMENT OF THE TIES INTO EACH LEAF IS 50mm.
- THE VERTICAL COLLAR JOINT BETWEEN THE TWO LEAVES ARE ALSO SOLIDLY FILLED WITH MORTAR AS THE WORKS PROCEED.

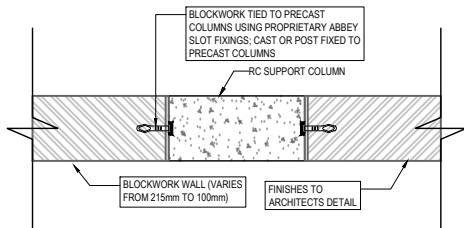
300 LONG STAINLESS STEEL TIES
- AT 450 CENTRES (ANCON SPS
OR SIMILAR APPROVED) TIES TO
HAVE PLASTIC DEBONDING
SLEEVE ONE END



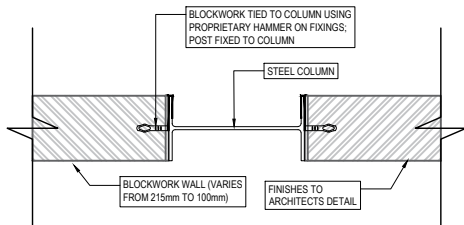
**TYP. BLOCKWORK CONTROL JOINT TO MASONRY PANELS
(REQUIRED ON ALL EXTERNAL BLOCKWORK WALLS @ MAX 6m ctrs.)**

SCALE 1:50

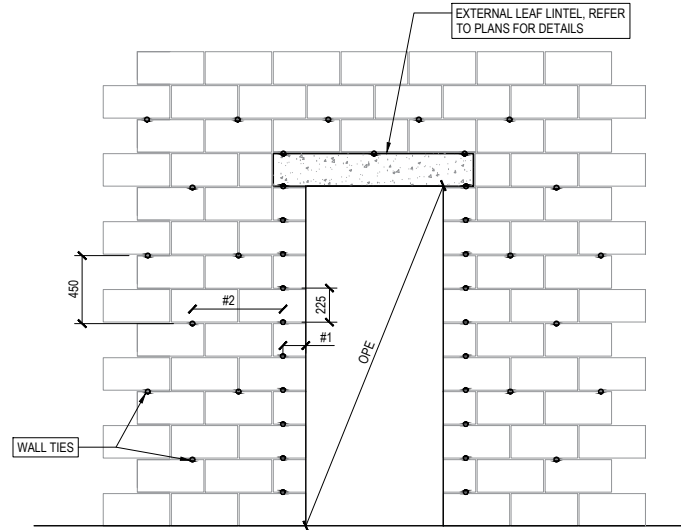
ALL BLOCKWORK ABUTTING STEEL COLUMNS
TIED USING PROPRIETARY STAINLESS STEEL
ABBAY SLOT SYSTEM WITH TIES AT 450mm C/C



**BLOCKWORK CONNECTION TO RC
COLUMNS DETAIL
SCALE 1:25**



**BLOCKWORK CONNECTION TO STEEL
COLUMNS DETAIL
SCALE 1:25**



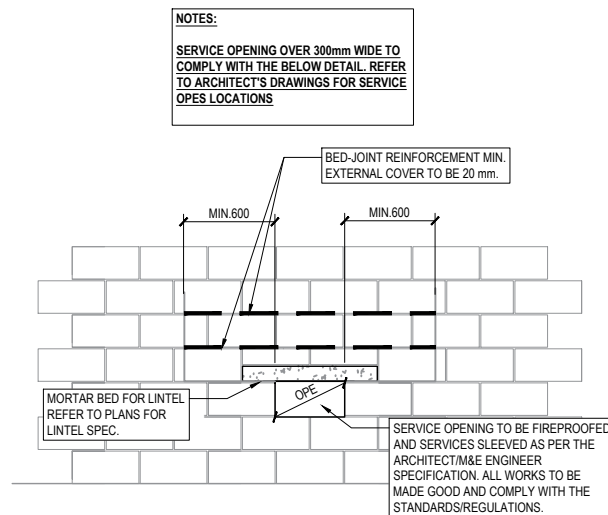
**ELEVATION OF WALL TIE SPACING TO ALL DOOR
OPES IN EXTERNAL WALLS WITH OR WITHOUT
CONTROL JOINTS**

SCALE 1:50

MAXIMUM SPACING OF WALL TIES			
CAVITY WIDTH mm	HORIZONTAL SPACING mm	VERTICAL SPACING mm	NUMBERS OF WALLS TIES PER SQM
120 mm Max	600	450	6 Min.
>120mm	450	450	8 Min.

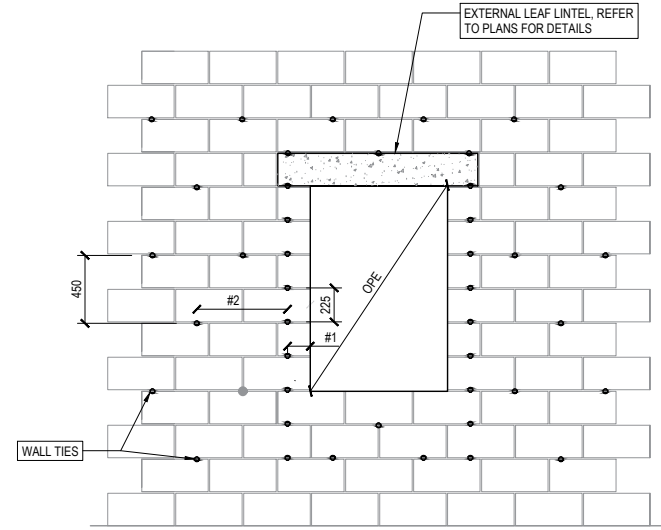
AT UNBONDED JAMBS TO ALL OPENINGS IN CAVITY WALLS AND AT ALL WALL DISCONTINUITIES, PROVIDE WALL TIES AT 225mm VERTICAL CENTRES, LOCATED WITHIN 150mm OF THE OPENING.

WALL TIES SHOULD COMPLY WITH I.S. EN 845-1:2013, SPECIFICATION FOR ANCILLARY COMPONENTS FOR MASONRY TIES, TENSION STRAPS, HANGER AND BRACKETS.



**LINTEL AND BED-JOINT
REINFORCEMENT TO ELEVATION OF
BLOCKWORK SERVICE OPES**

SCALE 1:50



**ELEVATION OF WALL TIE SPACING TO ALL WINDOW
OPES IN EXTERNAL WALLS WITH OR WITHOUT
CONTROL JOINTS**

SCALE 1:50

General Notes:

- THIS DRAWING IS THE PROPERTY OF D. FALLON CONSULTING ENGINEERS. IT IS A CONFIDENTIAL DOCUMENT AND MUST NOT BE COPIED, USED, OR ITS CONTENT DIVULGED WITHOUT PRIOR CONSENT.
- ALL WORKS TO COMPLY WITH THE BUILDING REGULATIONS AND THE BUILDING CONTROL ACT 2014, CURRENT IRISH STANDARDS AND CODES OF PRACTICE.
- DO NOT SCALE, ALL DIMENSIONS TO BE CHECKED ON SITE AND ANY DISCREPANCIES TO BE NOTIFIED TO ARCHITECT / ENGINEER.
- ALL CONTRACTORS, WHETHER MAIN OR SUB CONTRACTORS MUST VISIT THE SITE AND ARE RESPONSIBLE FOR TAKING AND CHECKING ANY AND ALL DIMENSIONS AND LEVELS THAT RELATE TO THE WORKS.
- WHERE THIS DRAWING CONTAINS DISCREPANCIES IN RELATION TO OTHER RELEVANT DOCUMENTS, SUCH DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS / ENGINEERS WHO SHALL ISSUE A WRITTEN INSTRUCTION AS TO WHICH INFORMATION IS TO BE FOLLOWED, AND UNTIL SUCH INSTRUCTIONS HAS BEEN ISSUED ANY WORK CARRIED OUT ON FOOT OF THE DISCREPANCIES SHALL BE UNAUTHORISED.
- PROPRIETARY ITEMS SHALL BE FIXED IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

B02	Tender	DBE	JG	19/08/2026
B01	Pre Tender	DBE	JG	22/12/2025
Rev.	Description:	By:	App:	Date:

Status:

TENDER

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CE

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Drawing:
Miscellaneous Structural Details (Sheet 2)

Scale At A3: As Shown	Date: AUG 2026	Job No: D2104	Status Code: X
Drawing Number: D2104BU0050-02			Revision: B02