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To: Loxo Cladding Systems

Date: 02 October 2012

Address: PO Box 10 176
CHRISTCHURCH

Job No.: 121056

Attention: Marcus Stufkens <m.stufkens@loxocladding.co.nz>

RE: Loxo Fire Rated Systems

Dear Marcus,

Following a review of the testing and assessments completed by CSIRO (FSV 1525, FCO 2915 & FCO 2944) and specific discussions with Gary Collins (Manager, Fire Testing and Assessment Infrastructure Technologies, CSIRO), we conclude that the Loxo 50 mm panel end wall system detailed in drawing 'End Wall Section', Fire Walls, Revision C, dated 02.10.12 (as attached) will provide a 90/90/90 fire resistance rating in accordance with AS 1530.4

Any cladding system can be used on the external surface of the wall without reducing the 90/90/90 fire resistance rating of this system. Note however, the NZBC does have specific limits with regards to the requirements of external surface finishes of walls adjacent to boundaries.

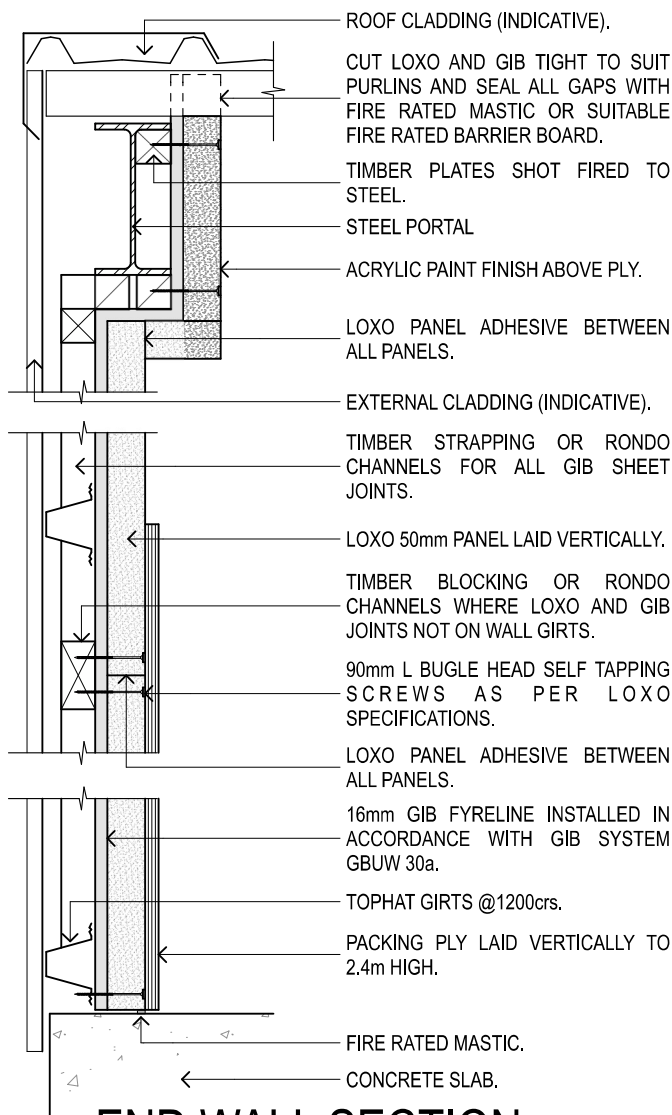
Following a review of the testing and assessments completed by CSIRO (FSV 1525 & FCO 2915), we conclude that the Loxo 50 mm Panel Party Wall system detailed in drawing 'Party Wall Section', Fire Walls, Revision C, dated 02.10.12 (as attached) will provide a 90/90/90 fire resistance rating in accordance with AS 1530.4 for loads up to 11.4 kN/m^2 .

TMCO reserves the right at any time to amend or withdraw this letter in the light of new knowledge.

If there are any questions please do not hesitate to contact me.

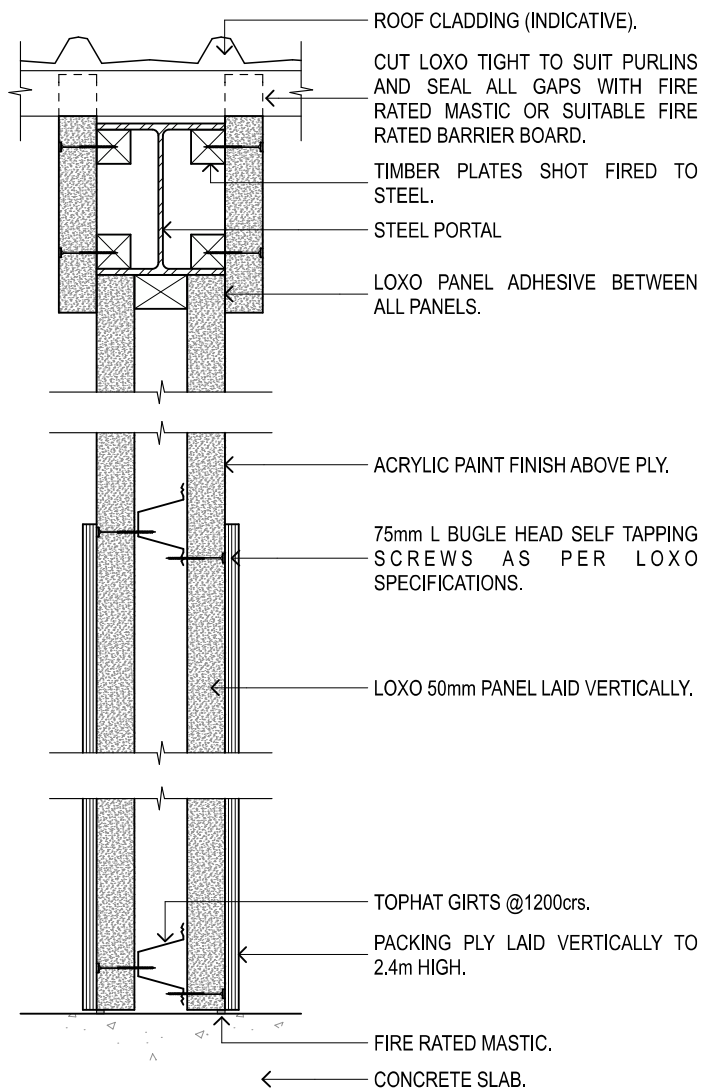
Yours sincerely,

John Collie
TM CONSULTANTS LIMITED



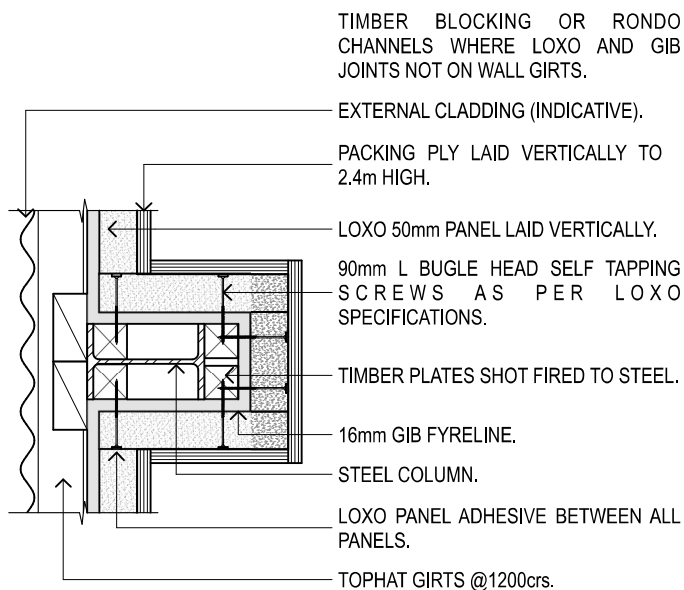
END WALL SECTION

90/90/90 ONE WAY FIRE RATED WALL



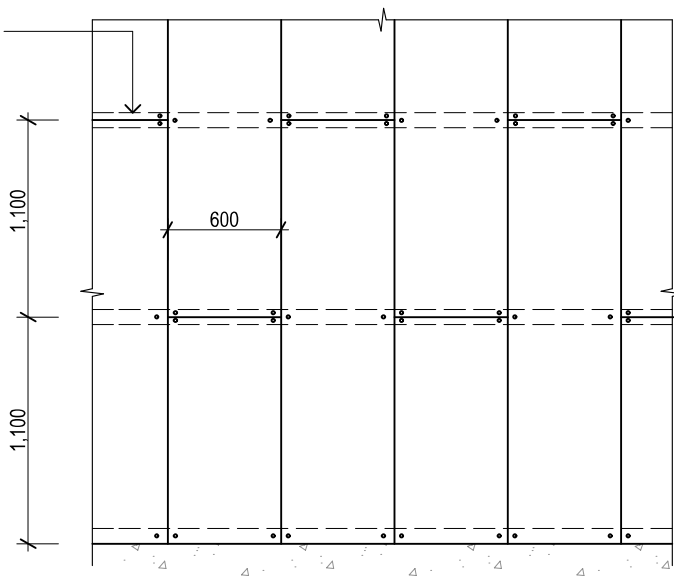
PARTY WALL SECTION

90/90/90 TWO WAY FIRE RATED WALL



COLUMN PLAN

90/90/90 ONE WAY FIRE RATED WALL



ELEVATION (NTS)

NOTE:
A REGISTERED FIRE ENGINEER MUST BE CONSULTED TO REVIEW DESIGN AND PROVIDE SITE SPECIFIC REPORT FOR SUBMISSION TO LOCAL TERRITORIAL AUTHORITY. LOXO NZ RECOMMENDS TM CONSULTANTS. PH: (03) 348 6066