

From: [Tony Redondo](#)
To: [Scott Hamilton](#)
Subject: RE: Jamb Fastener Analysis Document CBPC-JFA-0001-REV01
Date: Wednesday, August 21, 2013 9:39:00 AM

Scott,

The proposed draft "Jamb Fastener Analysis Connecting Jamb to Existing Structure, Document CBPC-JFA-0001-REV02" with the revised Note 5 stating "Wood jambs shall be 2 x 4 SYP minimum. 2 x 6 SYP is recommended" on pages 2, 3, 4 and 6 of 6 clarifies the application of footnote 5 to TDI Product Evaluations GDR-2, GDR-24 and GDR-59.

Please forward the sealed and signed copy to my attention and email a PDF copy to be linked to our Product Evaluation Index. I will update the TDI product evaluations and jamb fastener analysis documents.

Thank you for your prompt response. Please contact me if you have any questions.

Best regards,

Edwin A. (Tony) Redondo, P.E.

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Please note new e-mail address => Tony.Redondo@tdi.texas.gov

-----Original Message-----

From: Scott Hamilton [<mailto:SHamilton@clonpay.com>]
Sent: Tuesday, August 20, 2013 8:37 AM
To: Tony Redondo
Subject: RE: Jamb Fastener Analysis Document CBPC-JFA-0001-REV01

Tony,

Please review the attached DRAFT of Rev02 of the document.

Note 5 now says, "Wood jambs shall be 2 x 4 SYP minimum. 2 x 6 SYP is recommended." I think this captures our discussion.

This Jamb Fastener Analysis Document is referenced in GDR 2, 24, and 59.

If you approve of this draft, I'll have the signed copy sent out today and email you a PDF.

regards, Scott

>>> Tony Redondo <Tony.Redondo@tdi.texas.gov> 8/9/2013 5:42 PM >>>

Scott,

Thank you. Please send the revised CBPC-JFA-0001 clarifying note 5 to my attention.

Can you identify all of the TDI product evaluations that reference CBPC-JFA-0001 for attachment of the 2x6 face jamb, so I can make the appropriate changes (changing the revision number) to the product evaluations and update the link to drawing CBPC-JFA-0001-RevXX?

Regards,

Edwin A. (Tony) Redondo, P.E.

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-----Original Message-----

From: Scott Hamilton [<mailto:SHamilton@clipay.com>]
Sent: Friday, August 09, 2013 2:11 PM
To: Tony Redondo
Cc: Mark Westerfield
Subject: RE: Jamb Fastener Analysis Document CBPC-JFA-0001-REV01

Tony,

Yes, you are interpreting the documents correctly. Since the door is tested with the lag screw connecting the track bracket to SYP wood, that drives the requirement for SYP wood. The fastener requirements for the wood jamb connection to the underlying structure is derived from calculations and can be determined for a variety of conditions.

As far as the dimensions of the jamb, the wood should be 2" nominal (which equates to 1-1/2" actual thickness) to allow for adequate embedment. The width requirement is not fixed, but the edge distance requirements are the driving factors. We typically recommend 2x6, but some garages have obstructions that are too close to the opening to allow for 2x6 jambs. As long as the edge distance requirements are maintained, smaller boards (like the 2x4) are acceptable.

We will update CBPC-JFA-0001 to clarify note 5.

regards, Scott

=====

Scott Hamilton, P.E.
Senior Project Engineer
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shamilton@clipay.com

>>> Tony Redondo <Tony.Redondo@tdi.texas.gov> 8/9/2013 11:37 AM >>>

Scott,

Yes, we are concerned about the term "doorframe" in Note 5 and want to clarify that Note 5 refers to the 2x6 SYP face jamb, not the wall framing, or something else.

I included the Installation Instructions text and our interpretation of the text to confirm that the wood wall framing must be 2x4 or 2x6 SYP lumber when the track brackets are attached directly to the wall framing; and that the wood wall framing may be 2x4 or 2x6, S-P-F or SYP lumber when the track brackets are attached to the 2x6 SYP wood face jamb.

Note: My original e-mail is best viewed in Rich Text format. The plain text does not show the words I underlined (Wood jambs and SYP) and struck through (doorframe) in my sentence "Shouldn't Note 5 refer to the 2x6 wood jambs and say...."

Please contact me if you have any questions.

Best regards,

Edwin A. (Tony) Redondo, P.E.
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-----Original Message-----

From: Scott Hamilton [<mailto:SHamilton@clipay.com>]
Sent: Friday, August 09, 2013 10:08 AM

To: Tony Redondo

Cc: Mark Westerfield

Subject: Re: Jamb Fastener Analysis Document CBPC-JFA-0001-REV01

Dear Mr. Redondo,

If I may summarize, your concern is that the "note 5" references the ambiguous term "doorframe". Is this correct?

If I am overlooking another concern, please let me know.

I will work with the Design Engineer (Mark Westerfield) to update CBPC-JFA-0001

regards, Scott

=====

Scott Hamilton, P.E.

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>>> Tony Redondo

>>> <Tony.Redondo@tdi.texas.gov<<mailto:Tony.Redondo@tdi.texas.gov>>>

>>> 8/9/2013 10:30 AM >>>

Dear Mr. Hamilton,

TDI field inspectors asked me to clarify the application of footnote 5 in the subject document, on pages 2, 3, 4 and 6 of 6.

Referencing TDI Product Evaluation GDR-59, Effective July 1, 2013, and design drawing "gdr59d101593tdi[1].pdf" for example:

Installation instructions:

Attachment of Doors to Wall Framing: The door track brackets shall be attached either directly to the wall framing or to minimum 2x6 Southern Yellow Pine (SYP) wood jambs that are secured to the wall framing with fasteners. Allowable methods of attachment and illustrations of the allowable methods of attachment are specified on each design drawing.

Direct Attachment of Door Track Brackets to Wall Framing: The wall framing shall be minimum SYP dimension lumber. The track bracket shall be secured to the wall framing with lag screws as specified on the design drawings. Refer to the design drawings for the proper location of the lag screws into the wall framing.

[*] Drawing 101593 specifies fastening directly to the wood wall framing. The wall framing may be 2x4 or 2x6 SYP dimension lumber.

Attachment of Door components to Wood-Framed walls Using a Wood jamb: Brackets for the vertical tracks of the door shall be attached directly to wood jambs with the fasteners specified on the design drawings. The attachment of the wood jambs to the wood-framed walls shall be as specified in the Jamb Fastener Analysis Connecting Jamb to Existing Structure, document CBPC-JFA-0001-REV01, signed and sealed on June 11, 2013 by Mark Westerfield, P.E.

[*] Drawing CBPC-JFA-0001-REV01 specifies fastening of the 2x6 SYP wood jamb to S-P-F or SYP wood wall framing. The wall framing may be 2x4 or 2x6 S-P-F or SYP dimension lumber.

[*] Drawing 101593 specifies fastening to the 2x6 SYP wood jambs.

Attachment of Door Components to Concrete/Masonry Block Walls using a Wood Jamb: Brackets for the vertical tracks of the door shall be attached directly to wood jambs with the fasteners specified on the design drawings. The attachment of the wood jambs to the concrete/masonry block walls shall be as specified in the Jamb Fastener Analysis Connecting Jamb to Existing Structure, document CBPC-JFA-0001-REV01, signed and sealed on June 11, 2013 by Mark Westerfield, P.E.

[*] Drawing CBPC-JFA-0001-REV01 specifies fastening of the 2x6 SYP wood jamb to a minimum 2000 psi concrete wall with sleeve anchors or a grout-filled CMU block wall with self-tapping concrete anchors. The wall may be minimum 2000 psi concrete or grout-filled CMU block.

[*] Drawing 101593 specifies fastening to the 2x6 SYP wood jambs.

Drawing CBPC-JFA-0001-REV01, Note 5 says that the "Doorframe shall be minimum 2x6 structural grade lumber."

Note 5 is included on the drawings for the wood, concrete and CMU block walls.

Shouldn't Note 5 refer to the 2x6 SYP wood jambs and say "Wood jambs Doorframe shall be minimum 2x6 SYP structural grade lumber?"

If Drawing CBPC-JFA-0001-REV01, Note 5 must be revised, please submit the sealed and signed revised Drawing CBPC-JFA-0001-REV?? with a different revision number to distinguish it from -REV01. TDI will change the reference to Drawing CBPC-JFA-0001-REV?? in GDR-59 and the other TDI product evaluation reports where Drawing CBPC-JFA-0001-REV?? is referenced.

Please contact me if you have any questions.

Best regards,

Edwin A. (Tony) Redondo, P.E.

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