



CIVIL ENGINEERING CONSULTANTS

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January 6, 2017

Kevin Stallings
D & D Buildings
P.O. Box 7014
Lee's Summit, MO 64064

RE: MD2 Designs Plan #7082 "The Myers"
R.E.O. Project #16-008-31 DD-7082
Header Inspection - Substitution

Dear Mr. Stallings,

We are providing herewith analysis of the use of LSL headers generally at the rear of the above referenced construction.

Basement Framing:

In lieu of a double 2x10, an equivalent size (1-3/4"x9-1/2" LSL was used). The bearing capacity of the single engineered member exceeds the capacity of the double 2x10 solid sawn members. To prevent rotation or off-center loading at the studs, blocking/furring members were placed at the interior face of the single LSL headers. This is acceptable to support the imposed loads.

Above the mulled unit windows (2 ~ 3050) a double LSL member was used. This is acceptable to support the imposed loads.

Main Floor:

A single 1-3/4"x9-1/2" LSL header was used above the double slider mulled unit between the Breakfast and Porch areas. This member supports wall dead loads and hip roof loads. It is adequate to support the minimum applied loads.

If there are any questions regarding this analysis, or member approval, please contact our Offices.

Very Truly Yours,

R.E.O. ENGINEERING, P.C.

By: , President
Aaron D. Obermiller, P.E.

