



## CIVIL ENGINEERING CONSULTANTS

1805 WATERS ROAD

HARRISONVILLE

MISSOURI

64701

816-380-5150

FACSIMILE: 816-884-3250

EMAIL: MAIL@REOENGINEERING.COM

March 14, 2022

Tom Elder  
Dreams & Designs Buildings  
1820 SW River Run Drive  
Lee's Summit, MO

RE: R.E.O. Project 20-002-44;  
1820 SW River Run Dr., Lee's Summit, MO;

MD2 Designs Project DD-7155  
Permit #: PRRES20204715

Dear Mr. Elder,

We are providing herewith statement and analysis of field modifications in lieu of the specifications in the certified plan for the residential construction at the above referenced address. Specifically, construction of lateral bracing assemblies and a truss repair.

The referenced lateral bracing assemblies are identified as continuously sheathed portal frames at the rear breakfast and master bedroom walls. In lieu of this portal frame construction, the 30 inches of framing at each side of the breakfast area and 36 each side of the master bedroom wall. These walls are continuously sheathed with wood structural panels and shall have 8d fasteners at six (6) inches on center at the perimeter of the panel and 12 inches on center at the interior of the full height framed locations each side of the openings. This is an adequate modification in lieu of the specified portal frame and provides adequate net length of braced wall panels at the rear line of the house.

The second modification consists of repair of an existing truss with a cut web member at the interior end next to a girder support truss. The repair consists of two 4'x4'x3/4" OSB gusset plates fastened to the web and chord members on each face of the half-truss at the repair location. Gussets shall be fastened with 8d nails at three (3) inches on center, staggered along each member. This modification adequately restores the strength of the truss. Truss connection to girder carrier shall be as originally specified by the manufacturer.

The above described modifications are adequate to support the applied loads. No other modifications are required. If there are any questions regarding these modifications, please contact our Offices.

Very Truly Yours,

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

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

