



PROJECT: NEW TWO STOREY RESIDENTIAL BUILDING:
CANNINGTON AFFORDABLE HOUSING FOR SENIORS
100 McKay Street, Cannington, Ontario

PROJECT NO: 16-16

SUBJECT: RFI NO: 7

DATE: August 20, 2018

Area/Description/Subject:

Structural

Reference Drawings/Specification No:

Structural drawings

Information Requested:

1. I think the structural drawings have wall types W4 and W5 mixed up (opposite of architectural drawings and I think architectural drawings are correct).
2. Wall type W5 calls for 38 x 89 H-F Selective Structural grade wood studs. I am not sure what the H-F stands for.
3. Floor Type F2 calls for a double layer of plywood ($\frac{1}{2}$ " with $\frac{3}{4}$ " on top). The $\frac{1}{2}$ " notes T & G plywood but there is no such thing as $\frac{1}{2}$ " T & G; do I provide square edge.
4. Based on the Soil Report findings, is there a section drawing or updated information showing a footing design reflective of the deep footings at approximately gridline 8, that may be required to achieve proper bearing pressure?

Response:

1. The wall type/numbers shown on the structural drawings do not have the same numbering system as the architectural drawings. Both the architectural and structural are respectively correct.
2. The H-F Selective Structural, refers to Western Hemlock-Douglas Fir or Hem-Fir, as specified by the Canadian Wood Design Manual. A better grade (e.g. DF-Sel: Douglas Fir Select Structural) is also acceptable.
3. The floor assembly is designed as a 1 hour fire separation in accordance with ULC Design No.M506 and requires a double layer of plywood as noted. The $\frac{3}{4}$ " layer shall be T & G and the $\frac{1}{2}$ " layer will be installed with tight butt joints all joints between layers to be staggered.
4. The soil bearing capacity and foundation depth requirements are specified on Drawing S1.0 – Foundation Plan Notes – Note #1.

END