

CUSTOM DESIGN & ENGINEERING, INC
STRUCTURAL ANALYSIS & DESIGN

MEMO

Date: January 31, 2019

Reference Project: 8720 SE 52ND PL, Mercer Island

Reference Permit #: 1702-059

We have performed an on-site visit at the above referenced project to inspect the lateral system of the building. This consists of shear wall nailing, top plate continuity (drag elements), out-of-plane wall bracing and hold-down (bolted/strapped) inspections.

We had noted on our site visit, that top plates and studs needed additional reinforcement. The reinforcement consisted of installing metal straps. Also, the hold-downs need to be attached to the shear walls above the first floor and the hold-down rods be attached to the foundation w/ Simpson Set XP epoxy.

All the items have been completed and inspected per Otto Rosenau's report 8-0947. We find this structurally acceptable and pass the shear wall / lateral system inspection.

Alex K Moroseos, PE, SE

