From: Sonia M. Barrantes and Jacob P. Staub

To: Portland Planning and Urban Development Department

Subj: HEADER DESIGN

Encl: (1) Casco Bay Engineering Letter Regarding Rim Joist as Head dated February 5, 2013

(2) Glued-Nailed Plywood Box Header Memo dated March 6, 2013

- 1. The proposed house will make use of two relatively uncommon header designs in present day residential construction.
- 2. Amplifying design information and verification of the rim joist as header concept is included in enclosure 1.
- 3. Amplifying design information and verification of the glued-nailed box header concept is included in enclosure 2.

S.M. BARRANTES J.P. STAUB