



CITY OF ONTARIO

MEMORANDUM

TO: Building Department Staff

FROM: Kevin Shear, Building Official

DATE: April 23, 2008

SUBJECT: Prefabricated Shear Wall Panels

This memo establishes the Department policy on approving prefabricated shear wall panels which do not meet the design aspect ratio stipulated in Table 2305.3.4 of the 2007 California Building Code. This memo supersedes all previous memos on this subject.

Prefabricated shear wall panels may be approved when all the following conditions are met:

- Prefabricated shear wall panels shall be approved by the International Code Council's Evaluation Service and a copy of the Evaluation Report shall be attached to the building plans.
- The use of the prefabricated shear wall panels shall be completely detailed on plans.
- Projects utilizing prefabricated shear wall panels shall be designed by a California-licensed Civil or Structural Engineer who shall stamp and sign the calculations and plans.
- When shear wall panels 24" or less in width are used in a portal frame system, the header beam above the panel shall be a continuous manufactured glu-lam, parallam, or timberstrand member.
- Only field cutting in compliance with the approved ICC report is allowed. In addition, the allowable location of holes shall be clearly noted or detailed on plans.
- Anchor bolts shall be installed utilizing the panel manufacturer-furnished templates.