

C6

CANTILEVER DETAIL Step Down Cantilever

Uniform Loads Only!

2x8 (min) designed by others,
glued and nailed to I-joist
flange and filler with 10d box
nails 1" from edge at 6" o.c.

Web filler
both faces

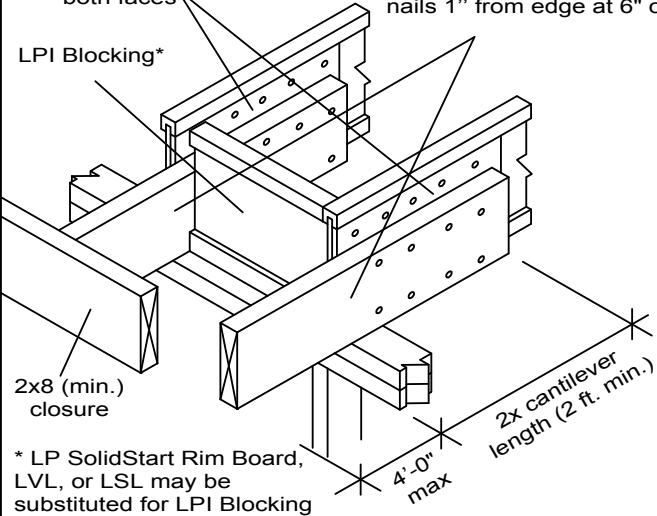
LPI Blocking*

2x8 (min.)
closure

* LP SolidStart Rim Board,
LVL, or LSL may be
substituted for LPI Blocking

4'-0"
max

2x cantilever
length (2 ft. min.)



The diagram illustrates a step-down cantilever detail for a floor system. It shows an I-joist with two 2x8 beams attached to its flanges. The 2x8s are secured with 10d box nails, spaced 6 inches on center, starting 1 inch from the edge. The I-joist's web is filled with filler on both faces. LPI blocking is installed between the 2x8s, and a 2x8 closure is used at the end of the cantilever. The cantilever length is specified as a minimum of 2 feet, and the maximum length is 4 feet. The detail is designed for uniform loads only.