Adding Rafter Tails To I-Joist Rafters

The easiest way is to place just one I-Joist, add the rafter tail, then array them both as required. Here's how:

Start by placing the I-Joist, as you normally would, with not extension. Note that the Plumb dimension is shown at the lower right, which results in the Top Of Member height shown.

The objective is to add a short 2x6 alongside it, to match. The settings:

We subtract this Plumb depth from the I-Joist Plumb depth, and add that to the 8'-0" bearing height to get a Top Of Member that matches the I-Joist. The 2x6 need only be a foot or so long (for nailing), and the Extension can be as required. When placing the 2x6, choose either BR or BL justification and snap to the appropriate corner of the I-Joist (in plan view).

Result: