

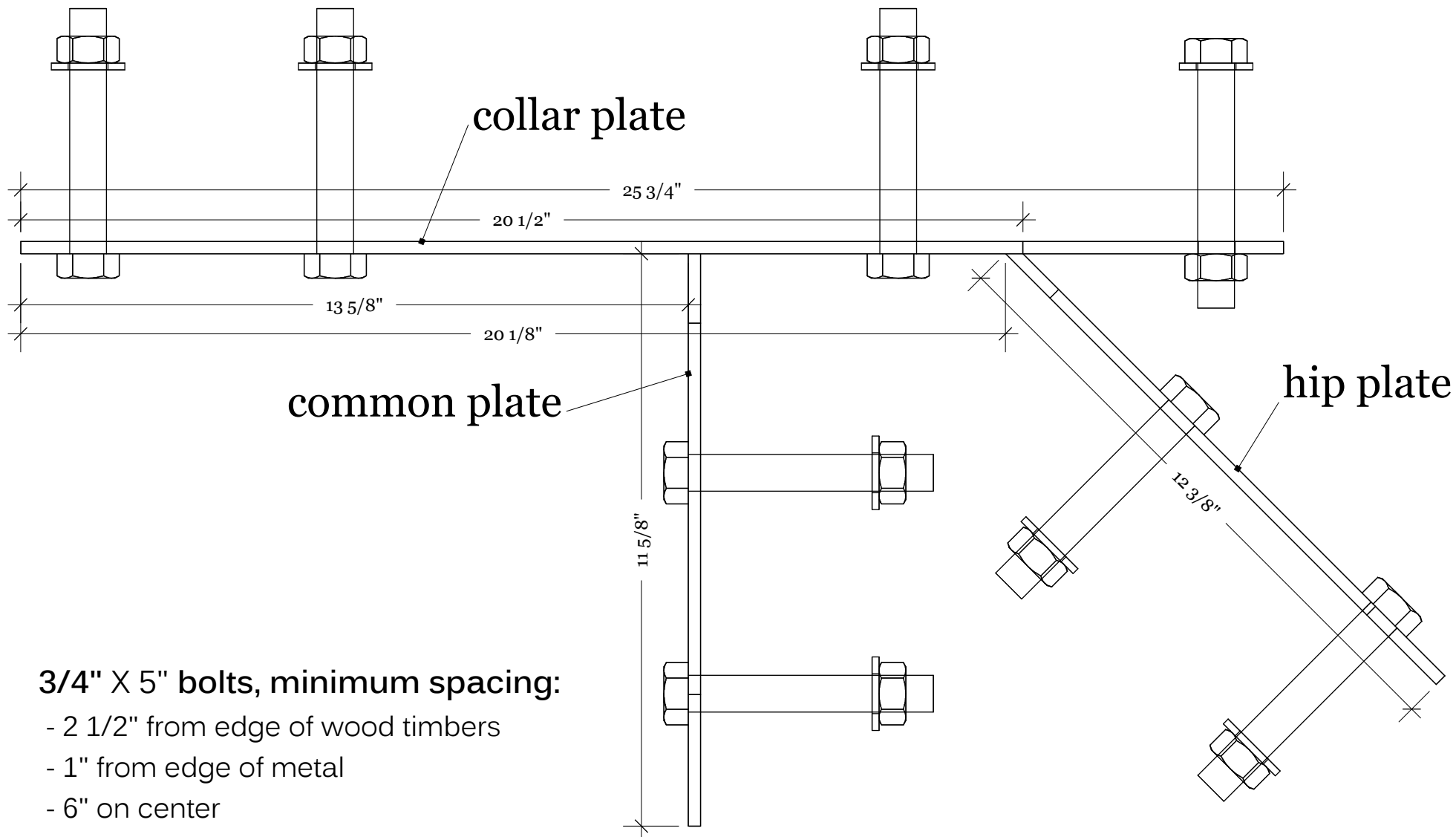
Dutch Gable Hip Collar-Tie Bracket for 6:12 pitch roof

by Joseph Oster
www.IslandCAD.com

wingo.com
web site design

design study
Wainiha, Kauai, Hawaii

February, 2014



NOTE: need left and right pair of brackets

top view

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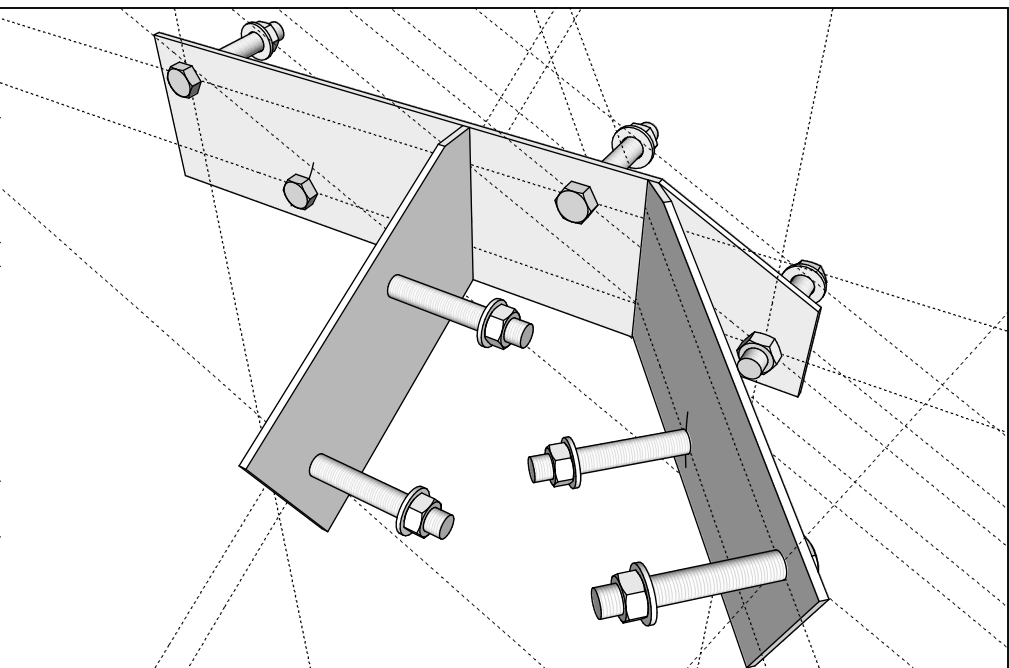
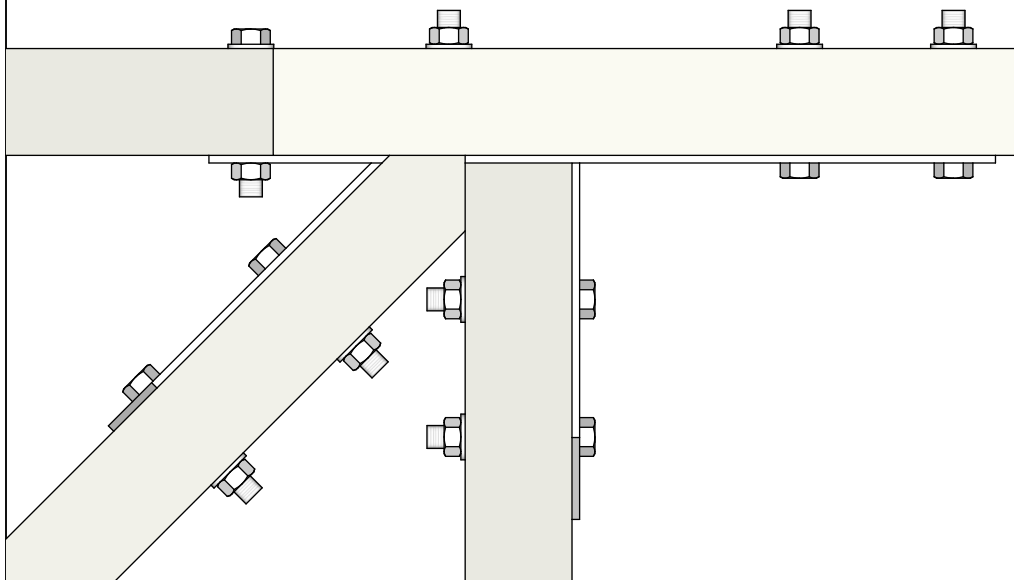
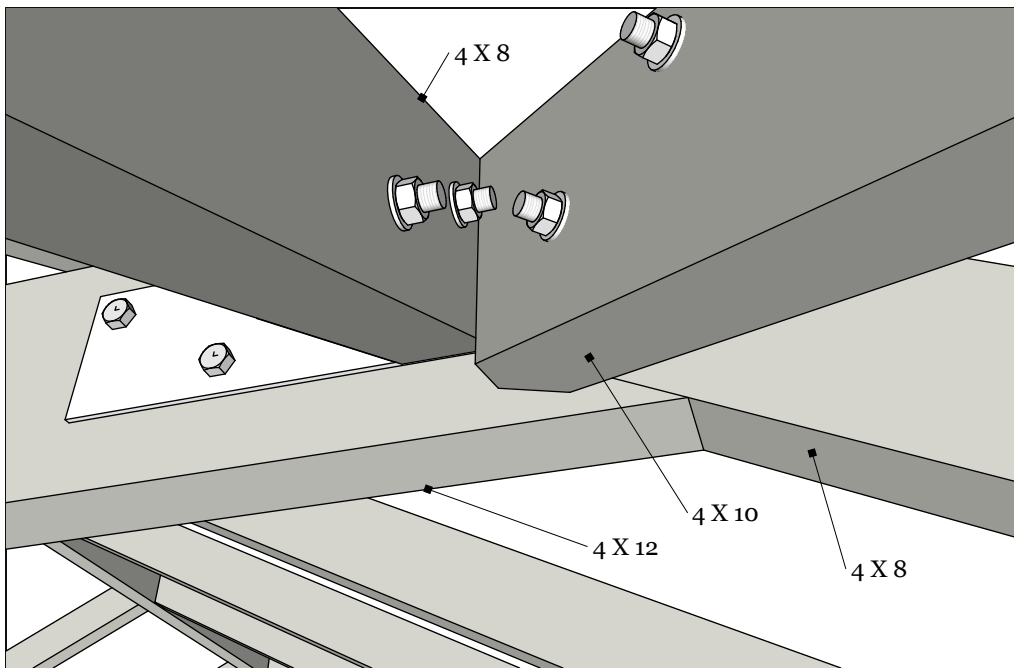
Hip Collar-Tie Bracket, 6:12

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INSTALL INSTRUCTIONS:

- 1) drill one bolt hole for hip end of "collar plate".
- 2) install that bolt, washer(s) and nut.
- 3) level the bracket on the collar-tie, drill a second hole and install bolt, washer(s) and nut to hold the "collar plate" level.
- 4) cut common and hip rafters to fit, drop them into bracket.
- 5) drill common and hip rafters at bracket holes, install remaining bolts, washers and nuts .

bottom views

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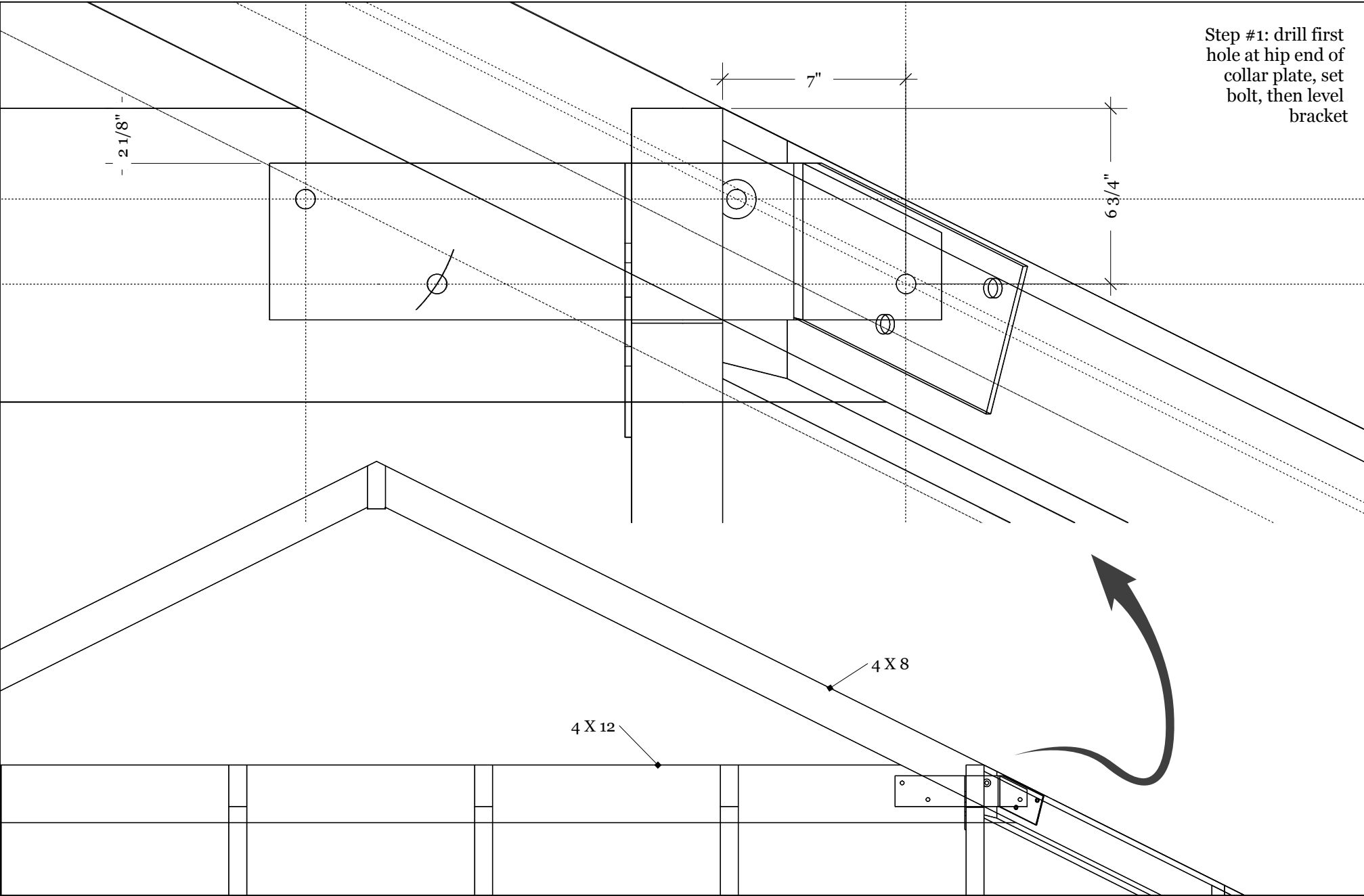
Hip Collar-Tie Bracket, 6:12

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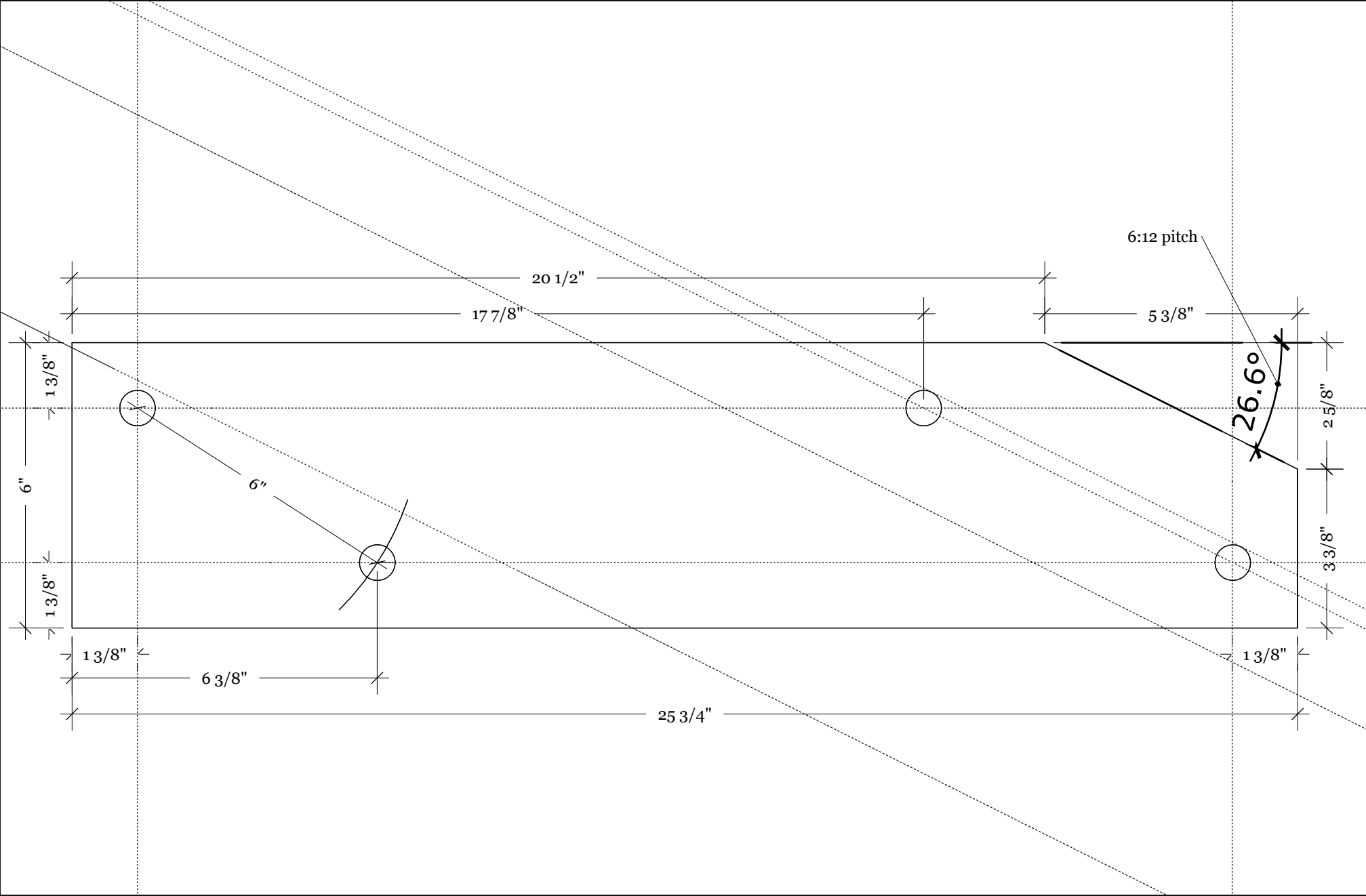
Step #1: drill first
hole at hip end of
collar plate, set
bolt, then level
bracket

bracket context

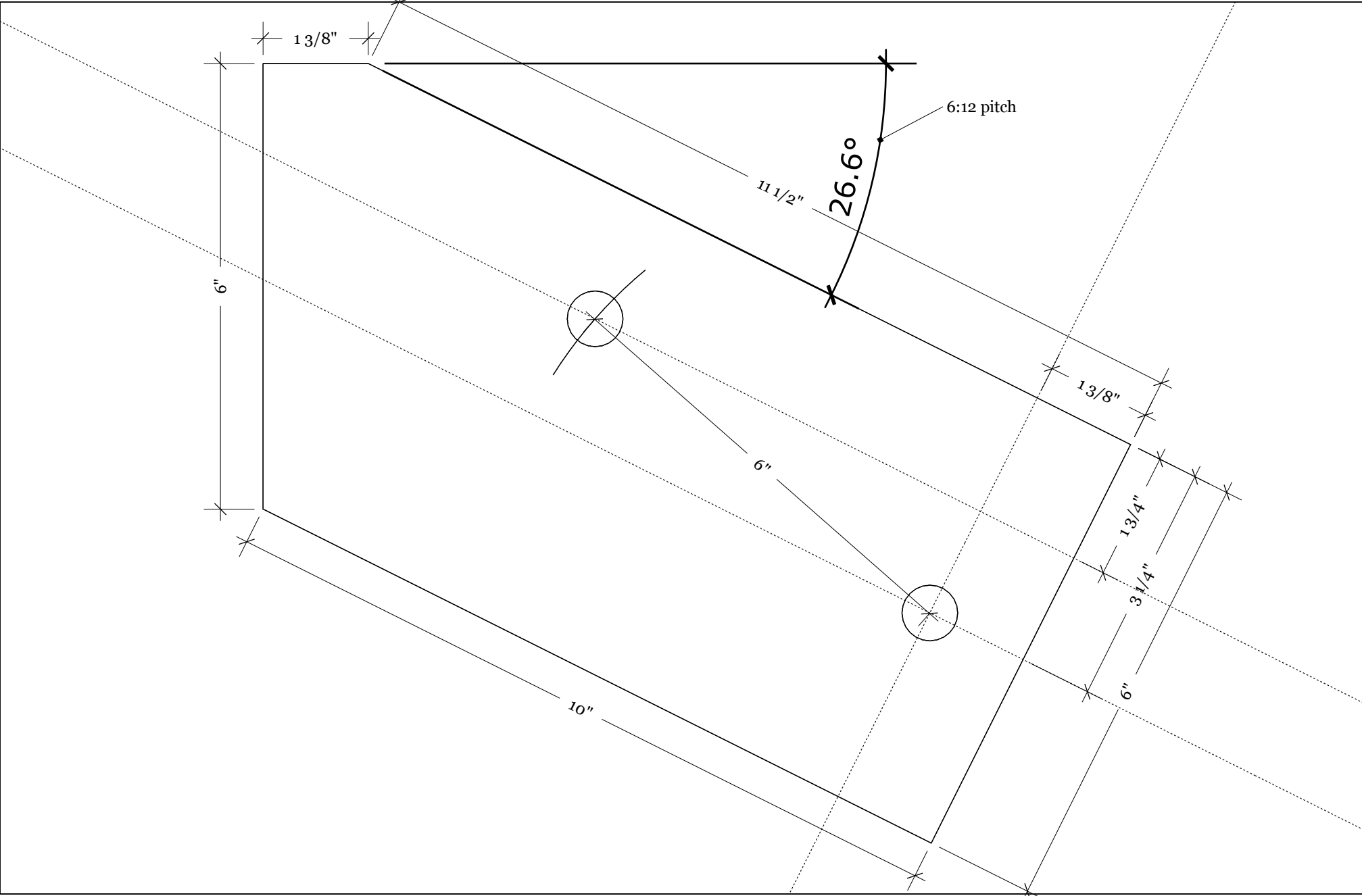
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Hip Collar-Tie Bracket, 6:12

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collar plate	by Joseph Oster www.IslandCAD.com		REVISIONS		A 005
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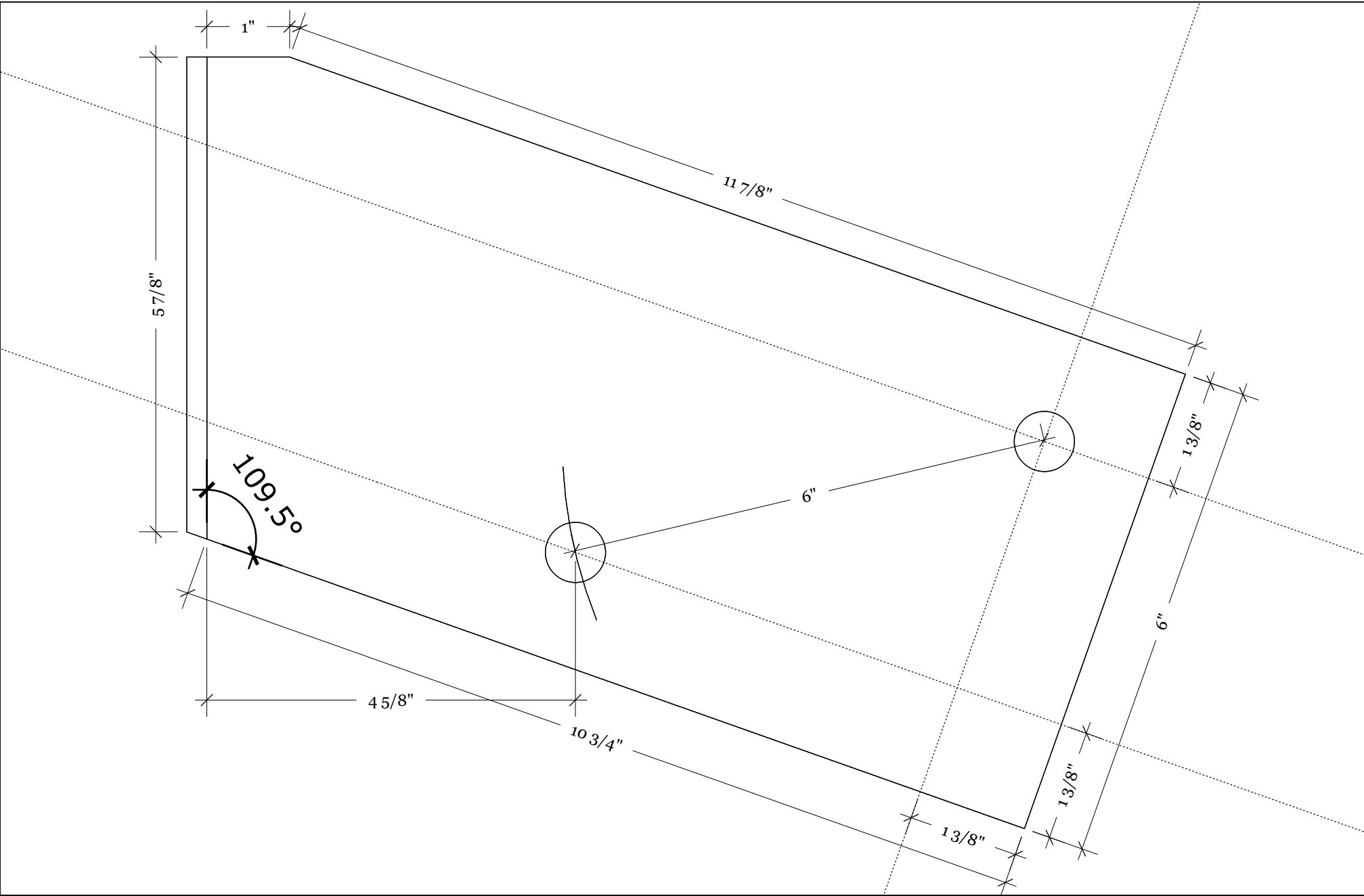


common plate

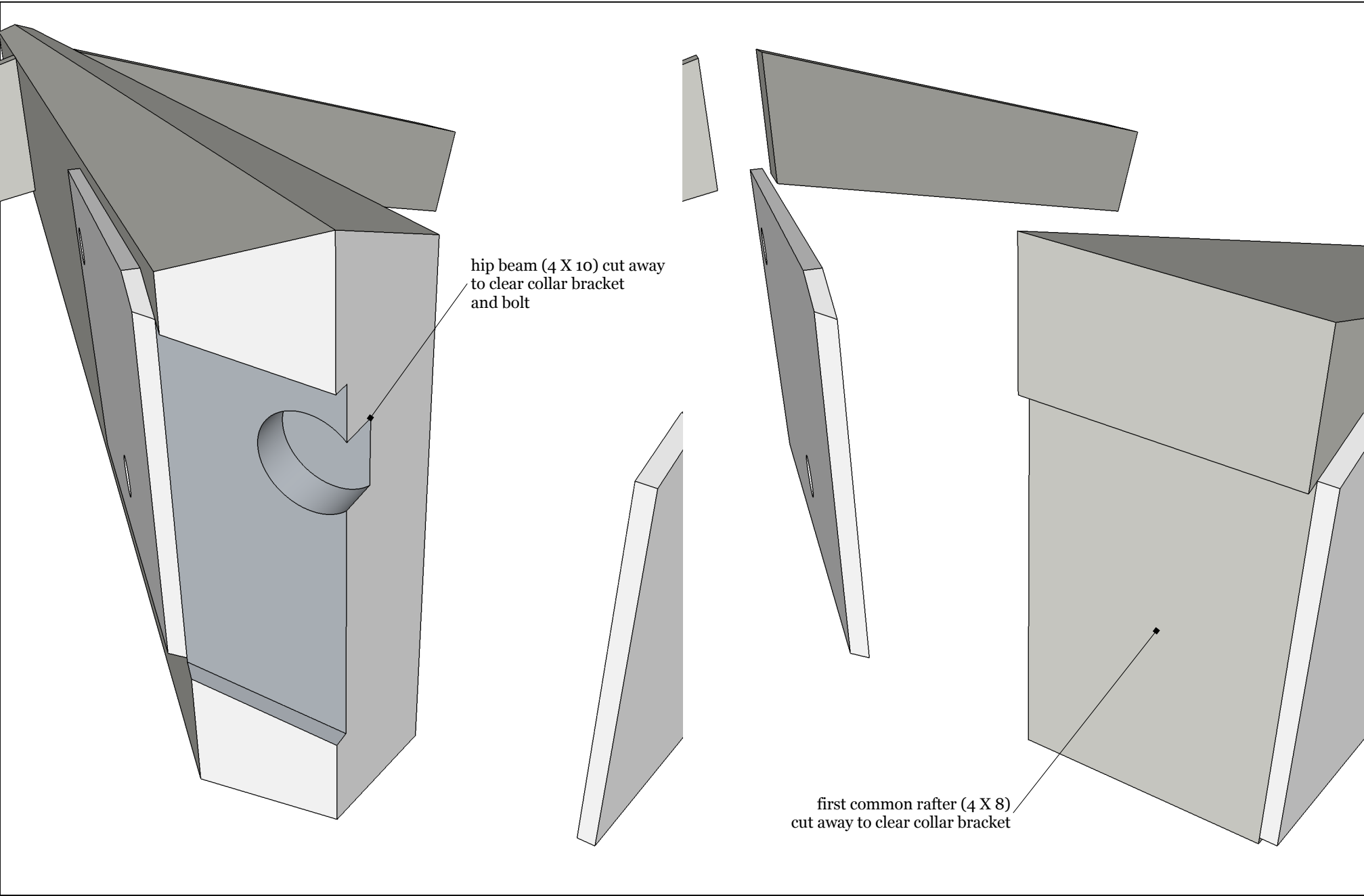
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Hip Collar-Tie Bracket, 6:12

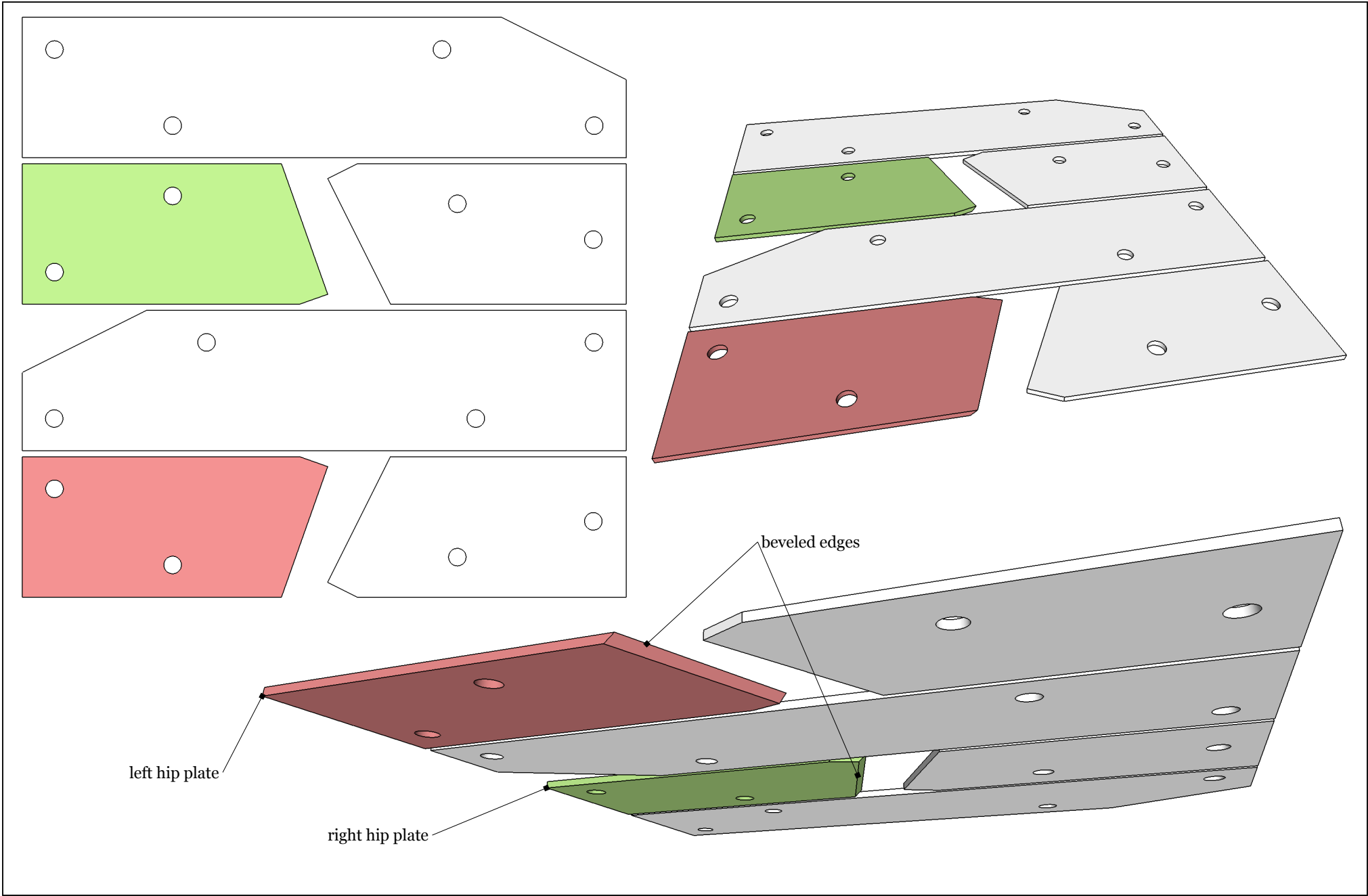
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hip plate	by Joseph Oster www.IslandCAD.com		REVISIONS		A 007
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beam ends	by Joseph Oster www.IslandCAD.com <small>wingo.com web site design</small>	REVISIONS		800	
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nested plates,
left and right

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