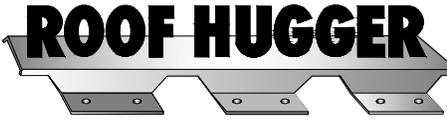
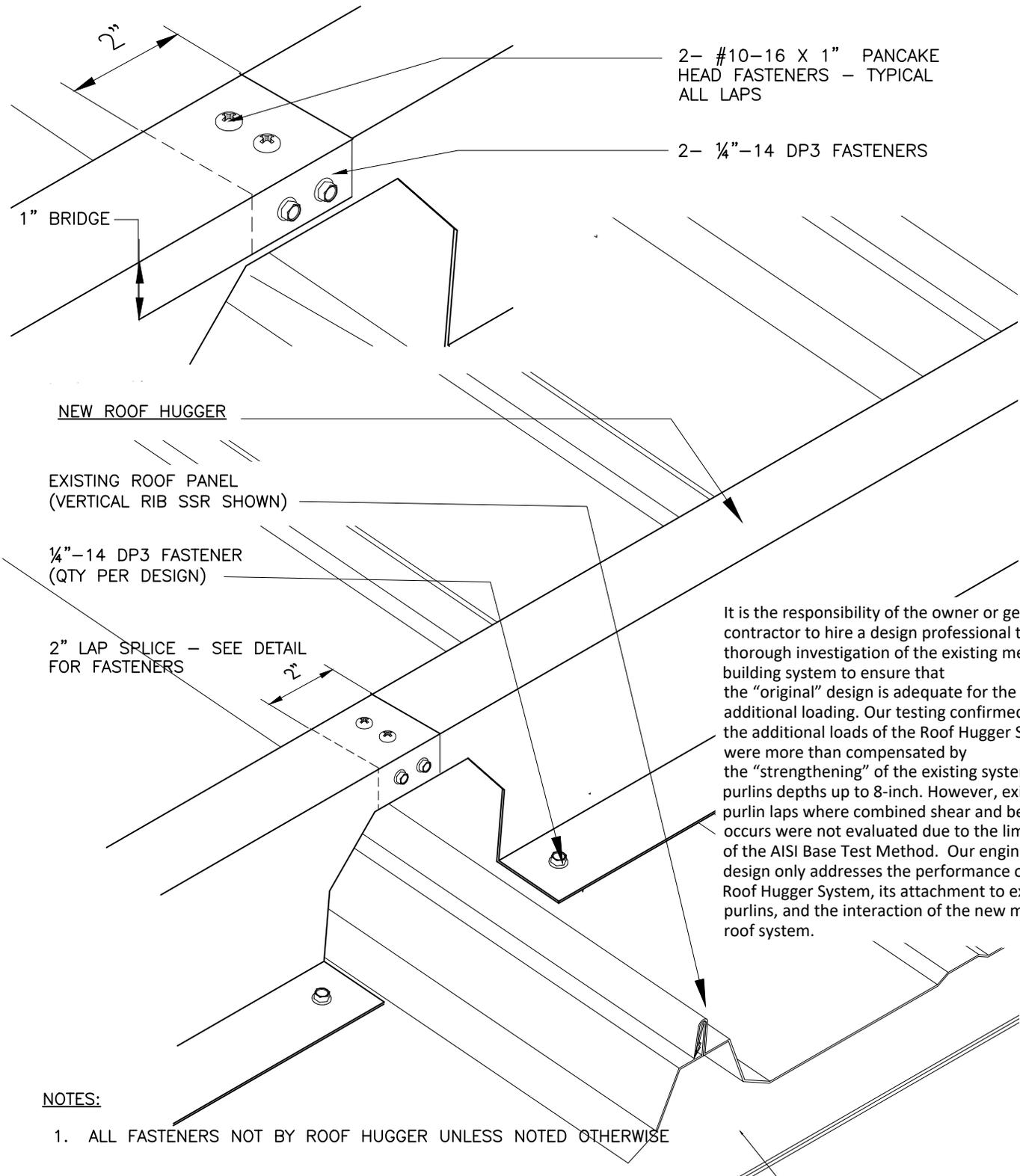


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2- #10-16 X 1" PANCAKE
 HEAD FASTENERS - TYPICAL
 ALL LAPS

2- 1/4"-14 DP3 FASTENERS

NEW ROOF HUGGER

EXISTING ROOF PANEL
 (VERTICAL RIB SSR SHOWN)

1/4"-14 DP3 FASTENER
 (QTY PER DESIGN)

2" LAP SPLICE - SEE DETAIL
 FOR FASTENERS

It is the responsibility of the owner or general contractor to hire a design professional to do a thorough investigation of the existing metal building system to ensure that the "original" design is adequate for the additional loading. Our testing confirmed that the additional loads of the Roof Hugger System were more than compensated by the "strengthening" of the existing system for purlins depths up to 8-inch. However, existing purlin laps where combined shear and bending occurs were not evaluated due to the limitations of the AISI Base Test Method. Our engineering design only addresses the performance of the Roof Hugger System, its attachment to existing purlins, and the interaction of the new metal roof system.

NOTES:

1. ALL FASTENERS NOT BY ROOF HUGGER UNLESS NOTED OTHERWISE

**SPECIAL PURLIN STRENGTHENING
 HUGGER LAP ATTACHMENT - 14 & 16 GA PURLIN**

SCALE: 3"=1'-0"

HL-05-T
 04/15/2014