

Hydro-Ultra Mat Series

Hydro-Prufe 80 mil PVC Membrane

LAG BOLT PENETRATION (STEP-1)



HYDRO-GARD INC.

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FABRICATION NAME:

LAG BOLT ASSEMBLY

Drawing #:

SH - 0103.1

DATE:

10-29-14

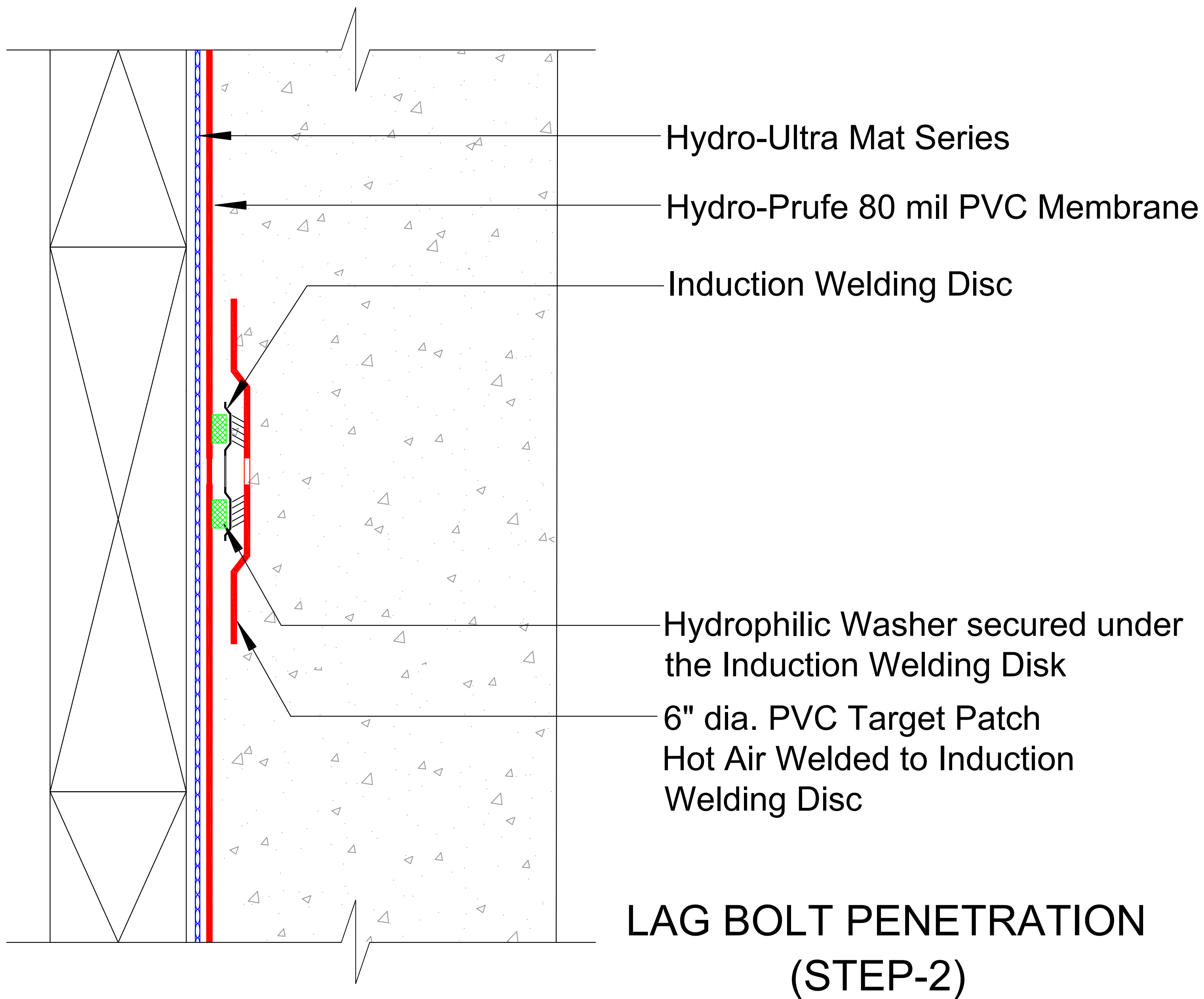
Revisions:

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SHEET NO.:

LB
1 OF 5



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FABRICATION NAME:

LAG BOLT ASSEMBLY

Drawing #:

SH - 0103.2

DATE:

10-29-14

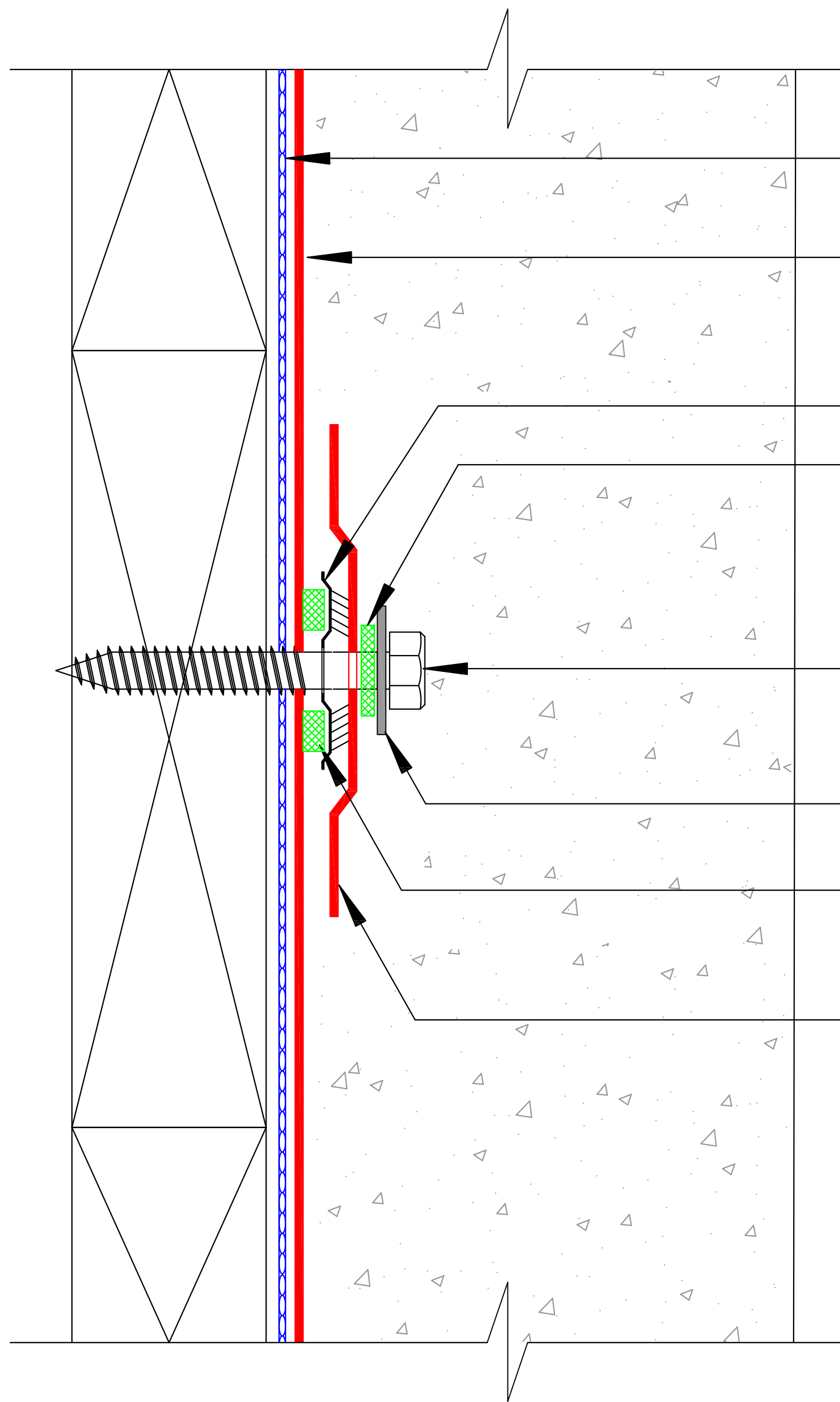
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Hydro-Ultra Mat Series

Hydro-Prufe 80 mil PVC Membrane

Induction Welding Disc

Hydrophilic Washer secured between
PVC Target Patch & Metal Washer

($\frac{3}{4}$ "x5"x $\frac{1}{2}$ " inner) Lag Bolt Screw

$\frac{3}{16}$ " thk min Metal Washer

Hydrophilic Washer secured under
the Induction Welding Disc

6" dia. PVC Target Patch
Hot Air Welded to Induction
Welding Disc

LAG BOLT PENETRATION (STEP-3)



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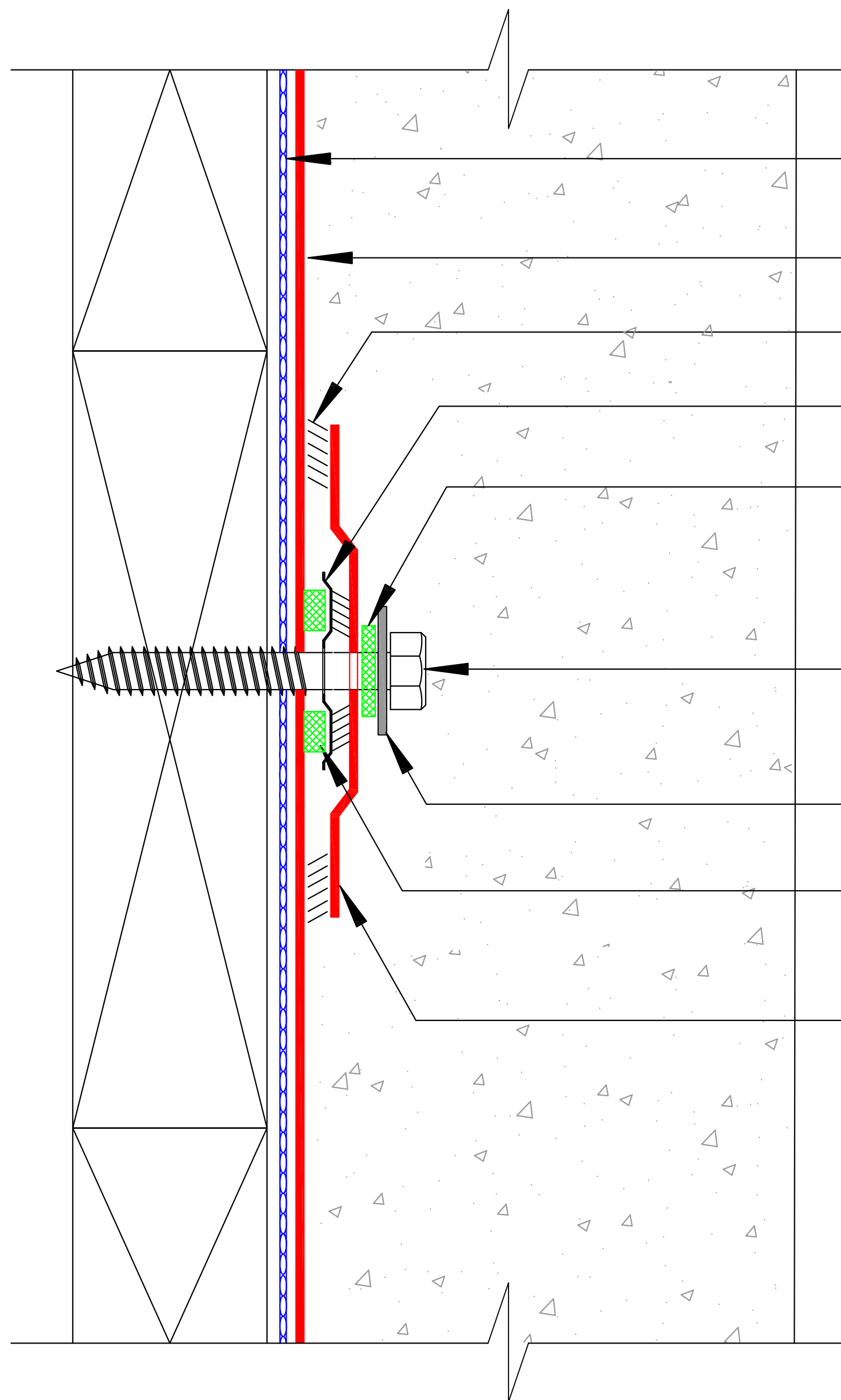
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Hydro-Ultra Mat Series

Hydro-Prufe 80 mil PVC Membrane

Hot Air Weld all around PVC Target Patch

Induction Welding Disc

Hydrophilic Washer secured between PVC Target Patch & Metal Washer

($\frac{3}{4}$ "x5"x $\frac{1}{2}$ " inner) Lag Bolt Screw

$\frac{3}{16}$ " thk min Metal Washer

Hydrophilic Washer secured under the Induction Welding Disc

6" dia. PVC Target Patch
Hot Air Welded to Induction
Welding Disc

LAG BOLT PENETRATION (STEP-4/Final)



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LAG BOLT ASSEMBLY

Drawing #:

SH - 0103.4

DATE:

10-29-14

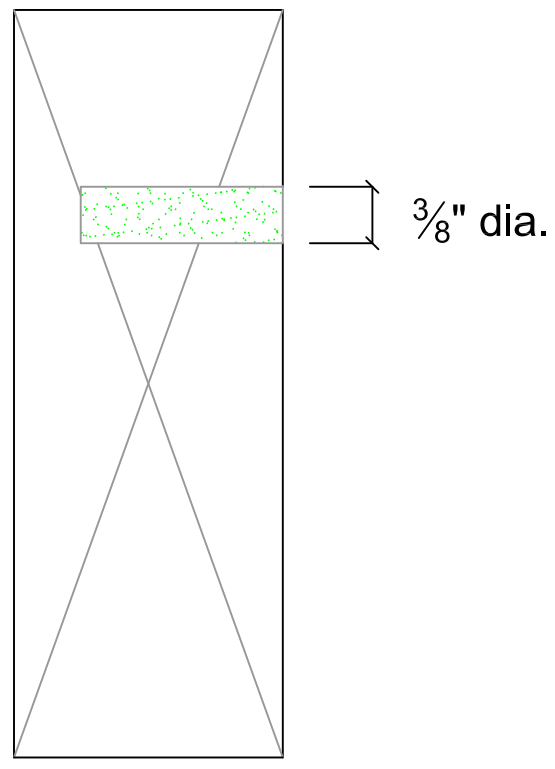
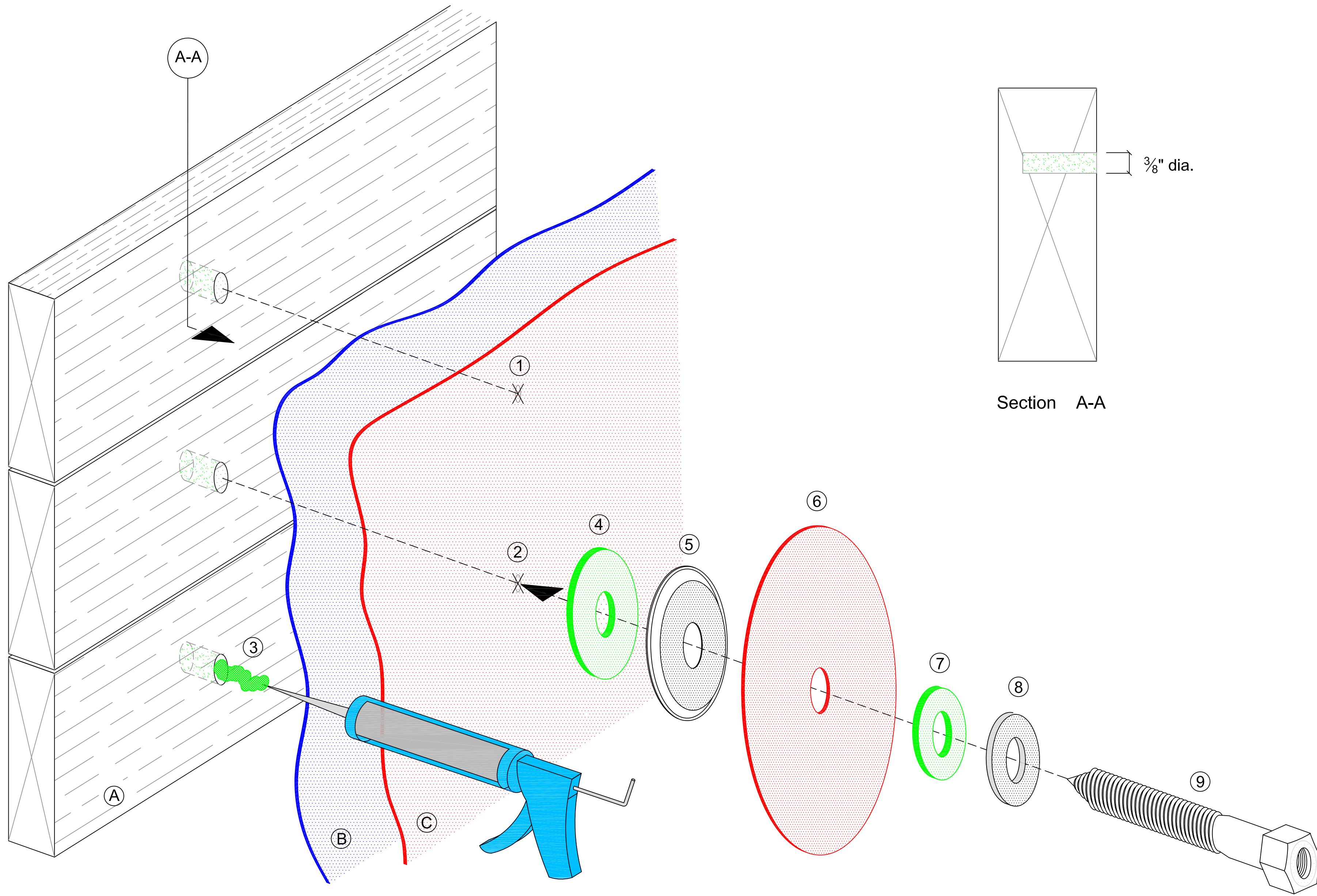
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Section A-A

- (A) Wood Lagging
- (B) Hydro-Ultra Mat B
- (C) Hydro-Prufe 80 mil PVC Membrane
- (1) Locate Location for Lag Bolt Installation
- (2) Drill pilot hole ($\frac{3}{8}$ "dia.) thru Hydro-Prufe and Hydro Ultra Mat B into lagging
- (3) Fill hole in lagging with Hydrophobic Sealant supplied by Hydro-Gard
- (4) Hydrophilic Washer secured under the Induction Welding Disc
- (5) Induction Welding Disc
- (6) 6" dia. PVC Target Patch hot air welded to Induction Welding Disc
- (7) Hydrophilic Washer Secured Between PVC Target Patch & Metal Washer
- (8) $\frac{3}{16}$ " thk min Metal Washer
- (9) ($\frac{3}{4}$ "x5"x $\frac{1}{2}$ " inner dia.) Lag Bolt Screw



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FABRICATION NAME:

LAG BOLT ASSEMBLY

Drawing #:

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DATE:

03-20-15

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