

2" iClad-S™ Snow Retention System

For Standing Seam Metal Roof Systems

- ❖ Aircraft-Grade Aluminum Extrusion
- ❖ Utilizes Patent-Pending WaveLock™ Technology
- ❖ Attach to Virtually Any Standing Seam Profile
- ❖ Unparalleled Strength & Easy-to-Install
- ❖ No Painting Required
- ❖ Non-Penetrating Seam Attachment
- ❖ iPlate™ for Sliding Snow & Ice
- ❖ Made in the USA



Typical 2" iClad-S™ Assembly

Overview

Sno Gem's® 2" iClad-S™ is an innovative clamp to the seam bar/fence snow retention system that utilizes the Sno Cube™ Clamp. The Sno Cube™ can attach to virtually any standing seam profile and provides unparalleled strength using Sno Gem's® WaveLock™ Technology with 3 points of attachment. Offering easy installation, Sno Cube's™ Silver Bullet™ set screws include a rounded bullet tip to maximize strength that won't damage the paint finish or pierce the seam. Additionally, the iClad-S™ system comes in standard mill finish aluminum material, making it an item you can easily keep in stock when the need arises. Once installed, it only takes seconds to attach the pre-finished metal strip from the material that was used to install the panels (not included) onto the face of the iBeam™ to have an aesthetically pleasing and effective snow retention system that matches your standing seam roof system.

For additional details, engineered layouts (if desired), technical questions, or to get an estimate, call JAMF 517-782-8884

Full Line of Sno Cubes™ for Various Standing Seam Profiles



Sno Cube™



Sno Cube™ Mini



Sno Cube™ KLOC

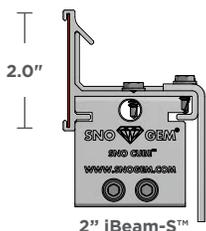


Sno Cube™ KLOC Mini



Sno Cube™ Wide

Side Profile



Front View



HD Clamps



Sno Cube™ HD

All Sno Cubes™ also available in HD (Heavy Duty) with 5 set screws for heavy snow load applications.

*Seller assumes no responsibility for the warranty. Check your roof manufacturer's warranty information before installation.

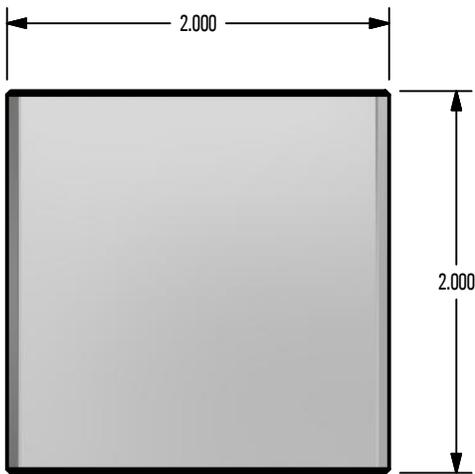
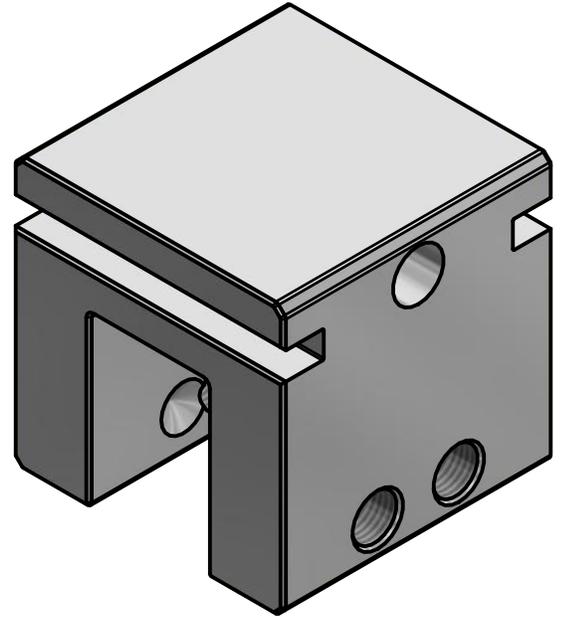
*** SNO GEM PRODUCT CUT SHEET ***

GENERAL NOTES:

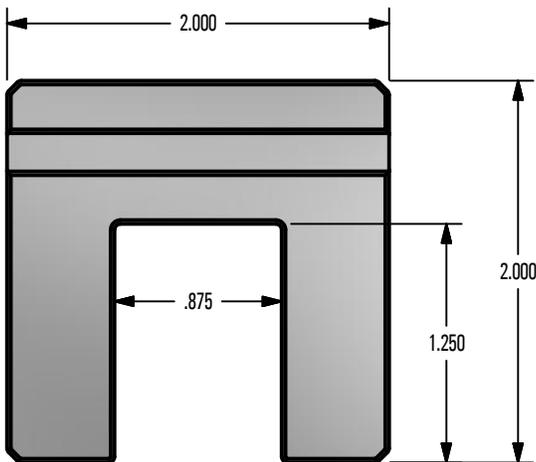
1. FOR CLARITY THIS DRAWING IS NOT TO SCALE.
2. CONTACT THE MANUFACTURER FOR RECOMMENDED LAYOUTS, SPACING, AND ADDITIONAL DETAILS.
3. INSTALLATION MUST BE COMPLETED WITH MANUFACTURERS WRITTEN SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.
4. THESE DRAWINGS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

FINISH SELECTION:

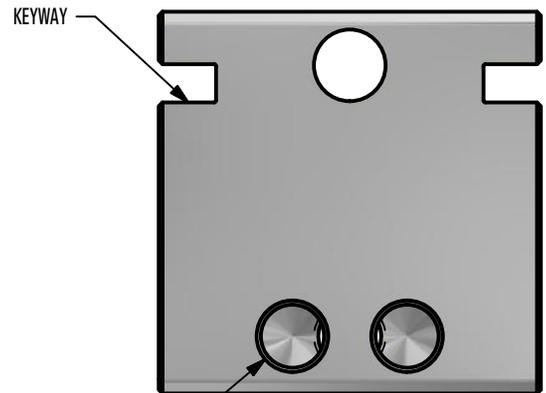
- MILL FINISH
- COLOR TO CLOSELY MATCH



TOP VIEW



FRONT VIEW



RIGHT VIEW

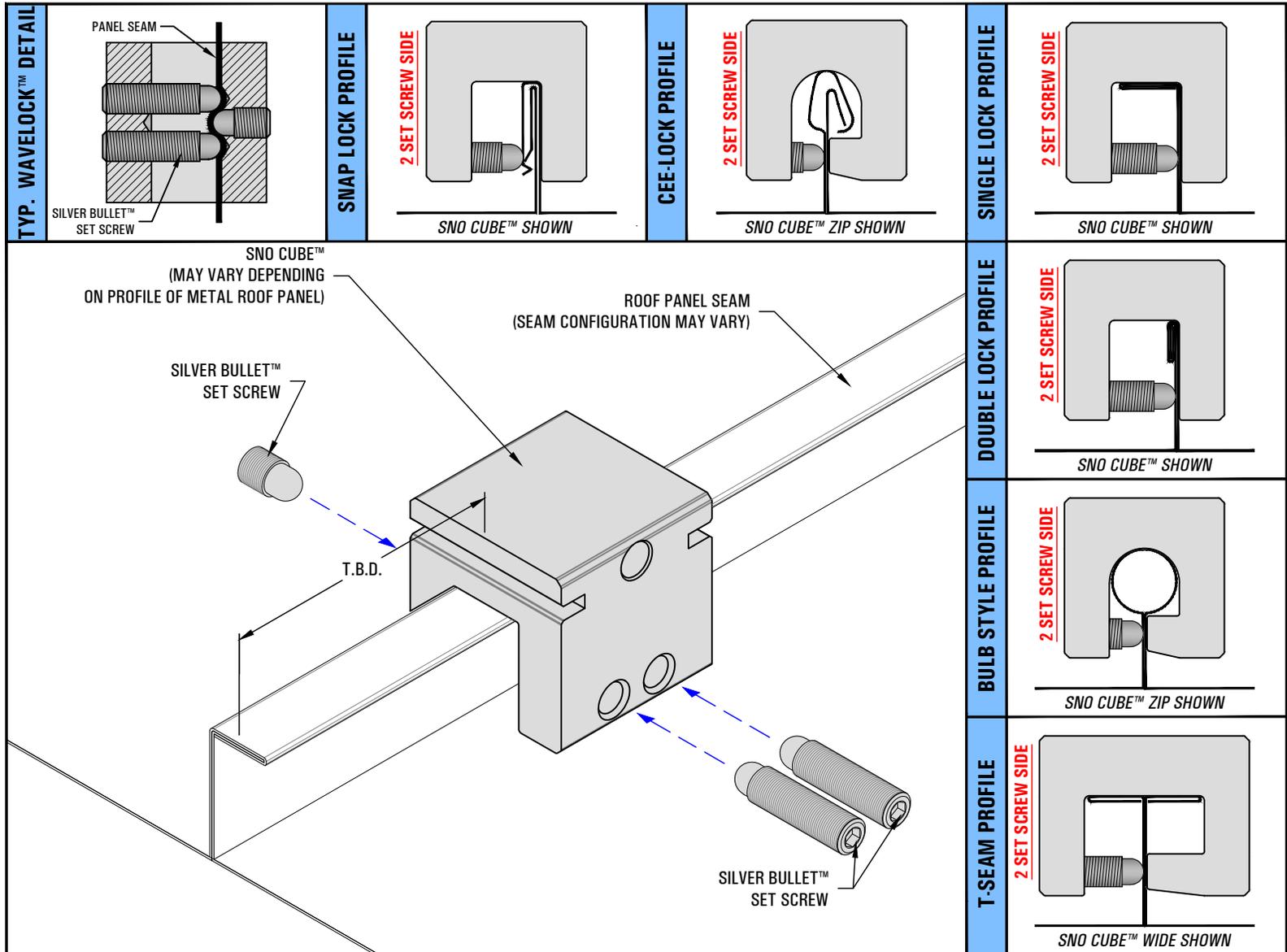


SNO CUBE

DRAWN BY:	rhoeffleur
DATE:	1/27/2018
SCALE:	N.T.S.
MATERIAL:	Aluminum

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*** iCLAD-S™ INSTALLATION INSTRUCTIONS ***



SNO CUBE™ INSTALLATION INSTRUCTIONS

- MEASURE THE DISTANCE FROM THE EAVE TO THE LOCATION OF THE FIRST ROW AND USE A STRING LINE OVER THE ROOF PANEL SEAMS TO ESTABLISH A STRAIGHT GUIDELINE FOR INSTALLATION.
- ALIGN THE SNO CUBE™ CLAMP ON THE SEAM EXACTLY AS SHOWN IN THE ORIENTATION ON THE RIGHT SIDE OF THIS PAGE, DEPENDING ON THE APPLICABLE SEAM PROFILE.
- SET THE FIRST (2) SET SCREWS THAT ARE LOCATED ON THE SIDE OF THE CLAMP WITH THE (2) THREADED HOLES LOCATED AT THE BOTTOM OF THE CLAMP. THE TORQUE SHOULD BE VERIFIED WITH A CALIBRATED TORQUE WRENCH WITHIN THE RECOMMENDED GUIDELINES SET FORTH IN STEP 4 BELOW.
NOTE: IF THERE ARE (2) DIFFERENT SIZE SET SCREWS, ALWAYS USE THE LONGER SIZE ONES FOR THIS STEP.
- USING A CALIBRATED TORQUE WRENCH, TIGHTEN THE THIRD AND FINAL SET SCREW WHICH IS LOCATED ON THE SIDE OF THE CLAMP OPPOSITE THE (2) SET SCREWS SET IN THE PREVIOUS STEP. SET SCREWS SHOULD BE TORQUED AND VERIFIED PER THE FOLLOWING RECOMMENDATIONS:
NOTE: CONTACT SNO GEM, INC. FOR THE RECOMMENDED TORQUE REQUIREMENTS OF ANY METAL GAUGE AND/OR MATERIAL NOT LISTED BELOW.
A. 24 Ga. STEEL = 150 IN/LBS - 160 IN/LBS B. 22 Ga. STEEL = 180 IN/LBS - 200 IN/LBS
- VERIFY THAT THE SNO CUBE™ CLAMP IS SECURE, STRAIGHT AND LEVEL, THEN REPEAT STEPS 2-5 FOR REMAINING CLAMPS. BE SURE TO FOLLOW THE ARCHITECT'S AND/OR ENGINEER'S REQUIRED SPACING AND/OR LAYOUT, INCLUDING THEIR ADJUSTMENTS FOR FIELD CONDITIONS, IF ANY. (A RECOMMENDED LAYOUT IS FURNISHED BY SNO GEM, INC. ONLY UPON WRITTEN REQUEST)

iCLAD-S™ INSTALLATION INSTRUCTIONS



DISCLAIMER

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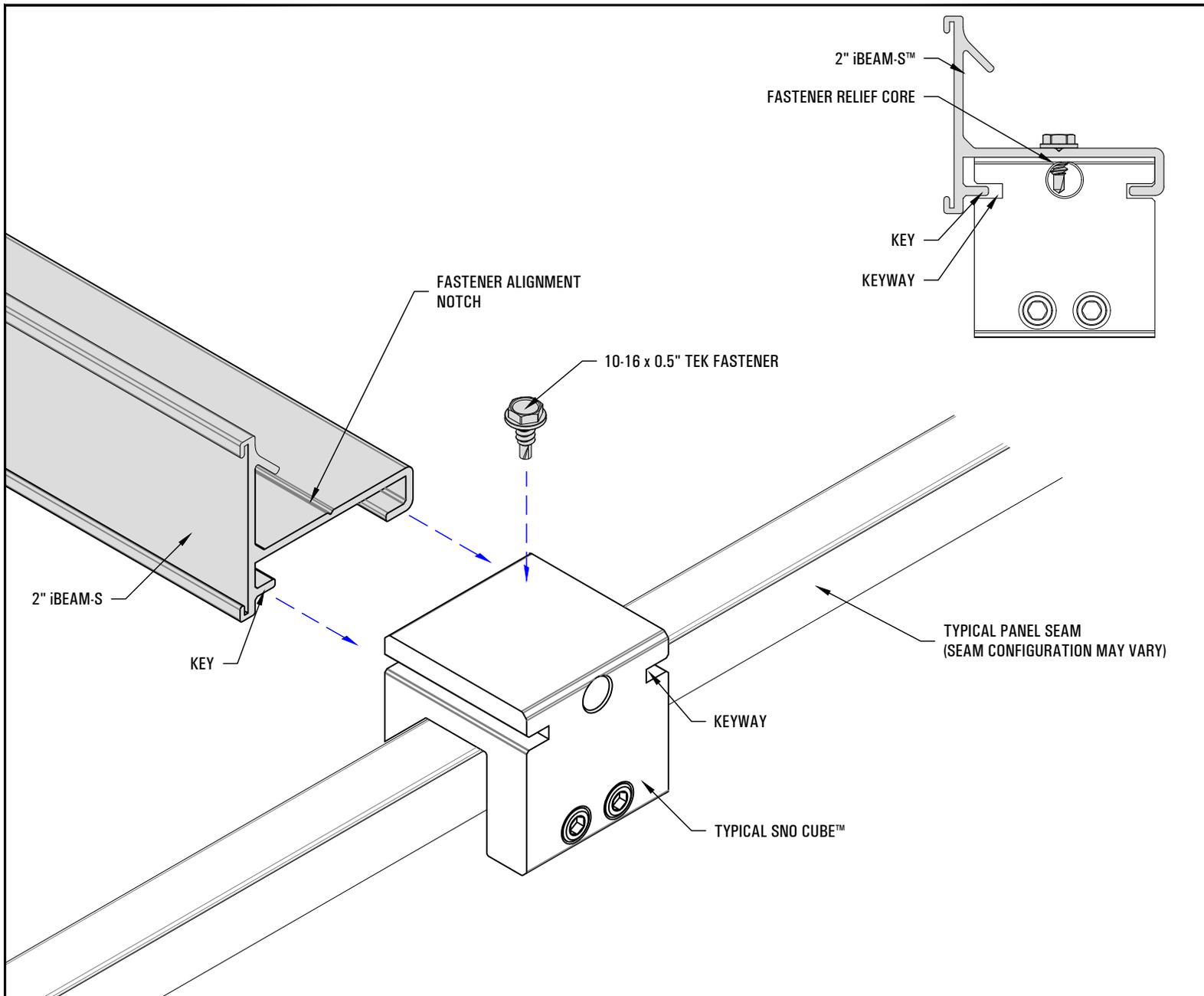
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DRAWN BY: RJH
DATE: 10/7/15
SCALE: N.T.S.

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*** iCLAD-S™ INSTALLATION INSTRUCTIONS ***



2" iBEAM-S™ INSTALLATION INSTRUCTIONS

1. ONCE THE SNO CUBE™ CLAMPS HAVE BEEN INSTALLED AND VERIFIED TO BE PROPERLY TORQUED TO THE MANUFACTURER'S RECOMMENDATIONS, SLIDE A SECTION OF THE 2" iBEAM-S™ ONTO THE CLAMPS BY ALIGNING THE KEYS ON THE 2" iBEAM-S™ TO THE KEYWAYS ON THE SNO CUBE™.
2. SLIDE THE ENTIRE 2" iBEAM-S™ SECTION SO THAT THE END IS NO MORE THAN 6" FROM / PAST THE LAST SNO CUBE CLAMP™.
3. ONCE A SECTION OF 2" iBEAM-S™ HAS BEEN COMPLETELY SLID ONTO THE SNO CUBE™ CLAMPS, ALIGN THE 10-16 x 0.5" TEK FASTENER WITH THE FASTENER ALIGNMENT NOTCH ON THE 2" iBEAM-S™ AND THE PANEL SEAM, PULL THE iBEAM-S™ DOWNSLOPE, THEN FASTEN THROUGH THE 2" iBEAM-S™ AND INTO THE SNO CUBE™ CLAMP.
4. REPEAT STEP 3 FOR EACH SNO CUBE™ WITHIN THE FIRST SECTION OF THE 2" iBEAM-S™.
5. REPEAT STEPS 1-4 FOR THE REMAINING SECTIONS OF 2" iBEAM-S™ LEAVING A 0.25" OF GAP IN BETWEEN EACH iBEAM™ TO ALLOW FOR THERMAL EXPANSION.

iCLAD-S™ INSTALLATION INSTRUCTIONS



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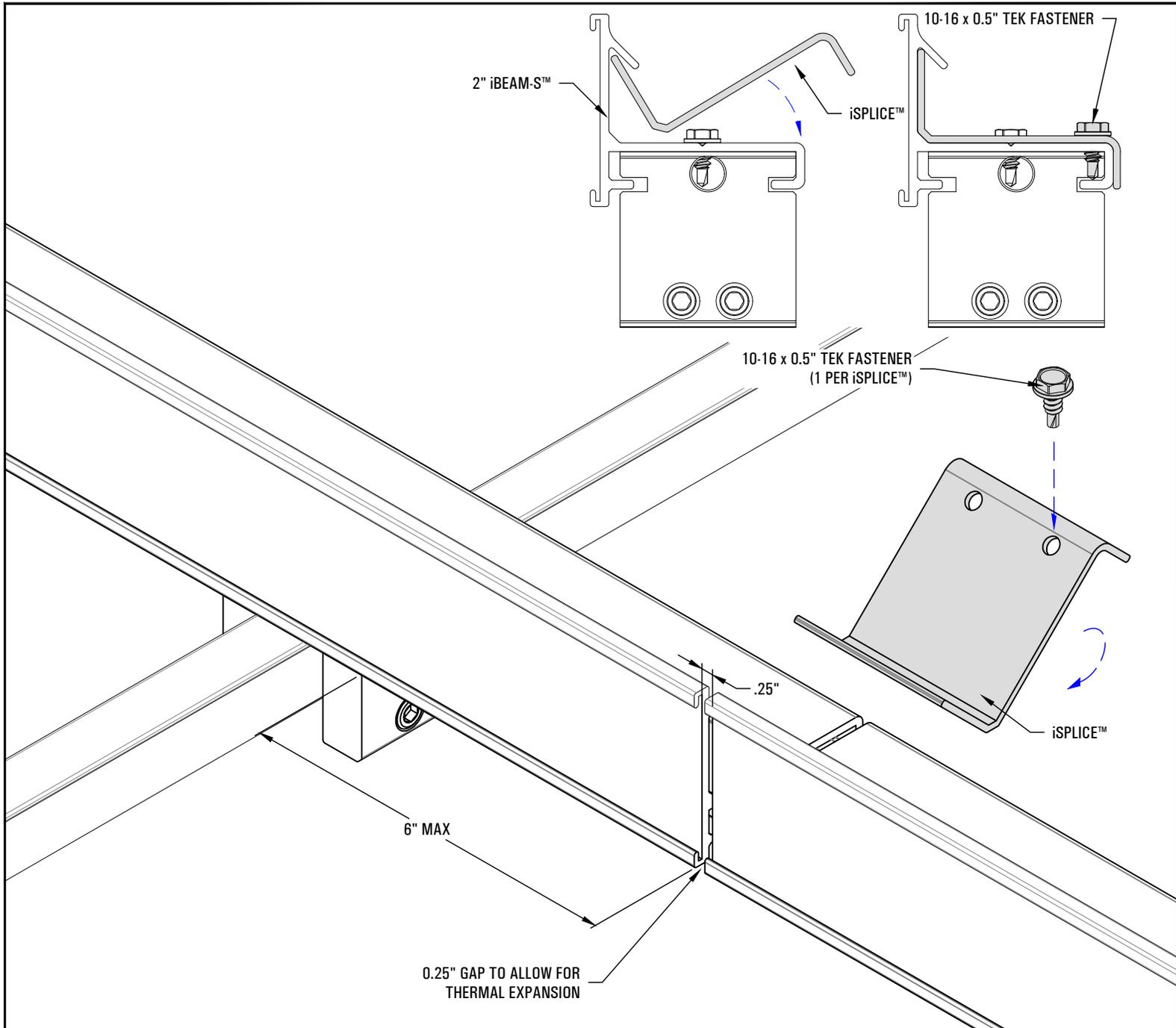
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DRAWN BY:	RJH
DATE:	11/7/15
SCALE:	N.T.S.

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*** iCLAD-S™ INSTALLATION INSTRUCTIONS ***



iSPlice™ INSTALLATION INSTRUCTIONS

1. ONCE EACH OF THE 2" iBEAM-S™ HAS BEEN FULLY INSTALLED, PLACE AN iSPlice™ AT EACH JOINT. MAKE SURE THERE IS AT AT LEAST A 0.25" GAP BETWEEN EACH ADJOINING 2" iBEAM-S'S™ TO ALLOW FOR THERMAL EXPANSION.
2. INSTALL THE iSPlice™ BY SIMPLY PLACING THE END WITHOUT THE PRE-PUNCHED HOLES UP INTO THE iBEAM™ AND ROTATE INTO PLACE (SEE ABOVE DETAIL).
3. USING A 10-16 x 0.5" TEK FASTENER, FASTEN THE iSPlice™ TO THE 2" iBEAM-S™. USE ONLY (1) TEK FASTENER PER iSPlice™ AND FASTEN THROUGH THE PRE-PUNCHED HOLE FURTHEST FROM THE CLOSET SNO CUBE™ CLAMP.
4. REPEAT STEPS 1-3 FOR EACH JOINT WHERE (2) 2" iBEAM-S'S™ MEET.

iCLAD-S™ INSTALLATION INSTRUCTIONS



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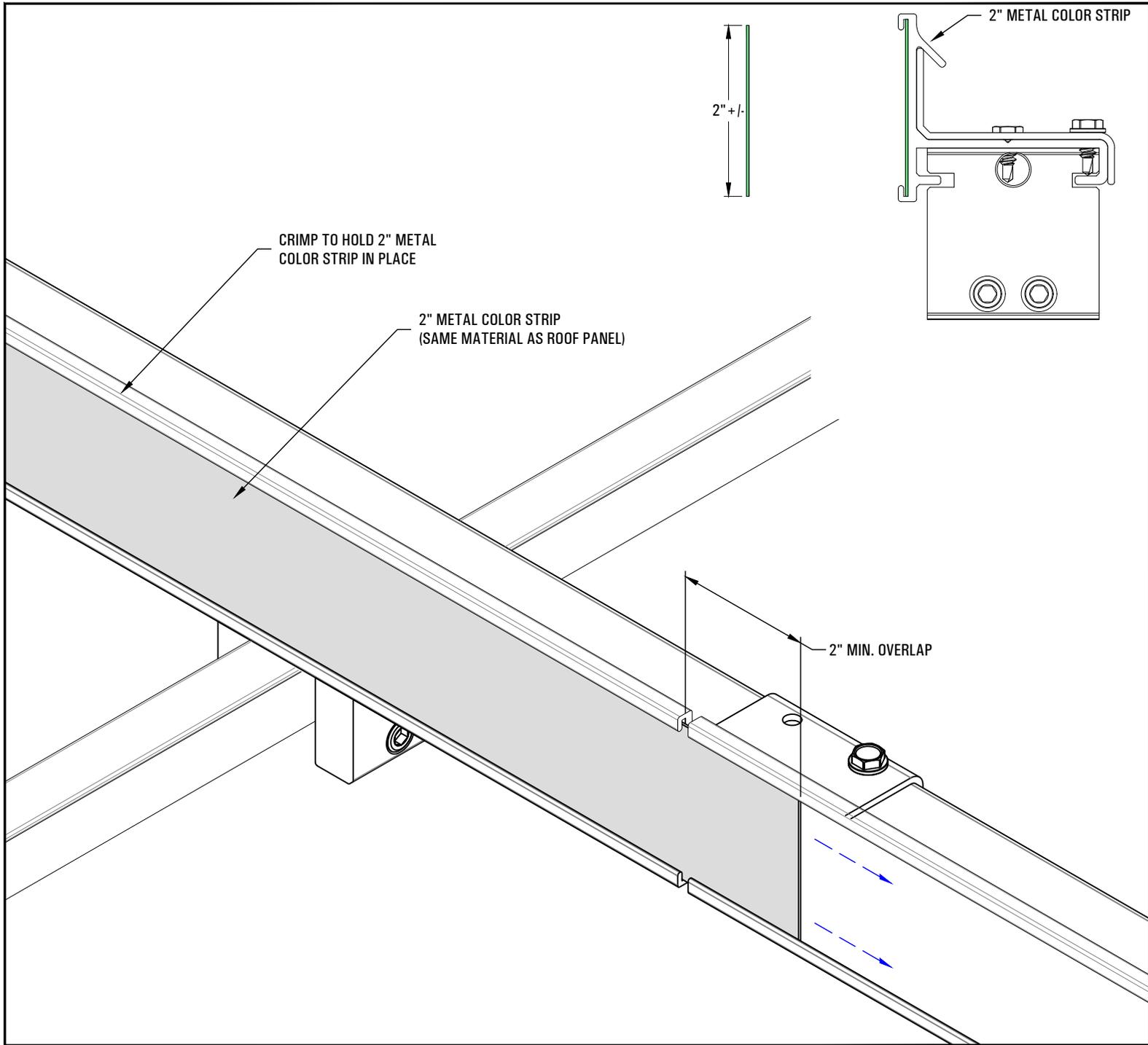
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SCALE:	N.T.S.

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*** iCLAD-S™ INSTALLATION INSTRUCTIONS ***



METAL COLOR STRIP INSTALLATION INSTRUCTIONS

1. USING THE SAME MATERIAL AS THE ROOF PANEL, CUT 2" STRIPS TO MATCH THE LENGTH OF THE 2" iBEAM-S™ AND ENOUGH TO CLAD EACH ROW FULLY.
2. TAKE EACH STRIP AND SLIDE THROUGH THE 2" iBEAM-S™ UNTIL THE EDGE OVERLAPS THE ADJOINING 2" iBEAM-S™ A MINIMUM OF 2".
3. AFTER EACH 2" METAL COLOR STRIP HAS BEEN SLID INTO PLACE, USE A PAIR OF PLIERS TO CRIMP THE TOP EDGE OF THE 2" iBEAM-S™.

NOTE: THE INSTALLER SHOULD CRIMP EACH 2" iBEAM-S™ SECTION (3) TIMES, EQUALLY SPACED.

iCLAD-S™ INSTALLATION INSTRUCTIONS



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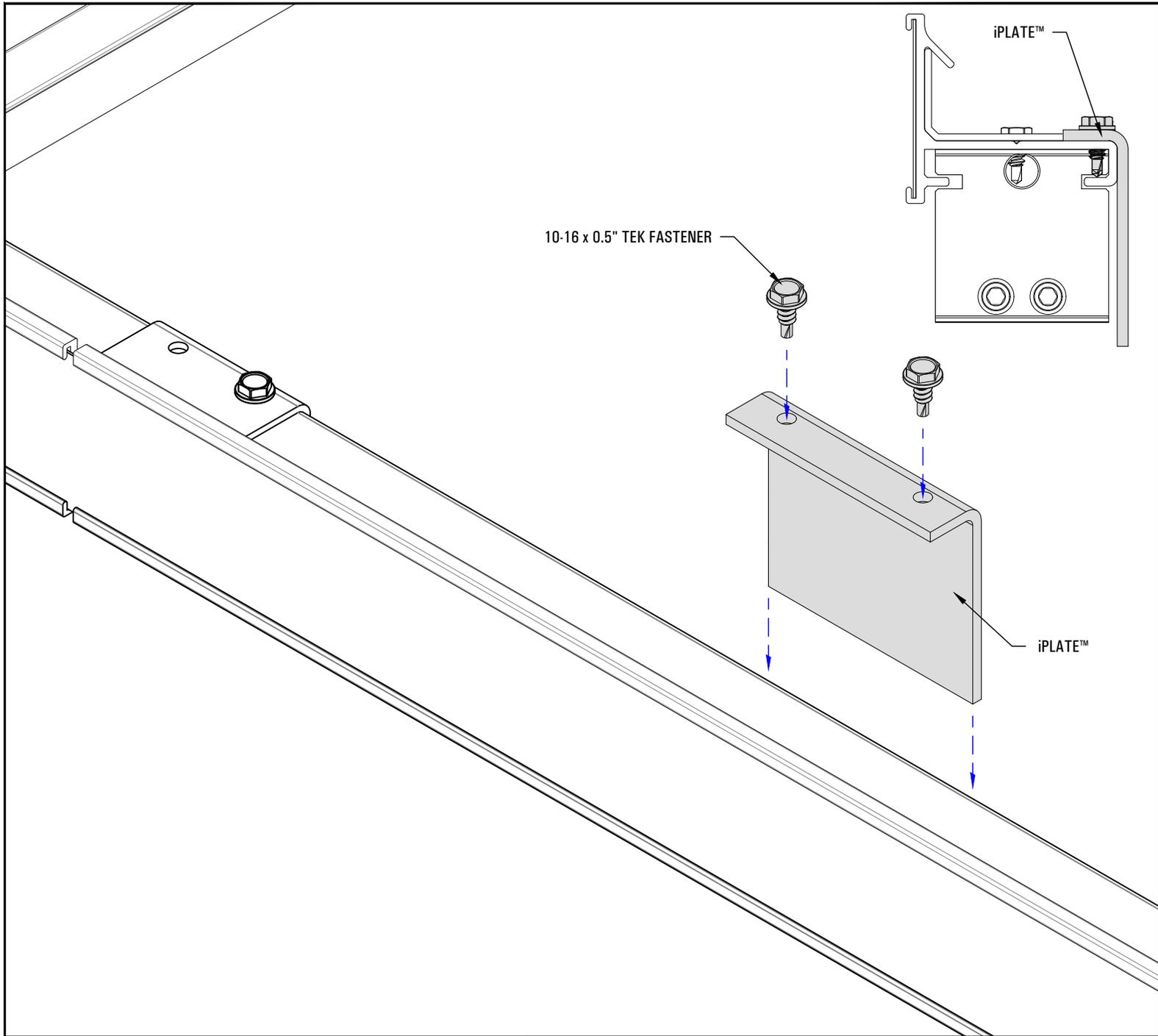
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*** iCLAD-S™ INSTALLATION INSTRUCTIONS ***



iPLATE™ INSTALLATION INSTRUCTIONS

1. ALIGN THE iPLATE™ ALONG THE BACK EDGE OF THE 2" iBEAM™ AS SHOWN IN THE ABOVE DETAIL PER THE ARCHITECT'S AND/OR ENGINEER'S REQUIRED SPACING AND/OR LAYOUT, INCLUDING THEIR ADJUSTMENTS FOR FIELD CONDITIONS, IF ANY. (A RECOMMENDED LAYOUT IS FURNISHED BY SNO-GEM®, INC. ONLY UPON WRITTEN REQUEST)
2. USING (2) 10-16 x 0.5" TEK FASTENERS, ATTACH THE iPLATE™ TO THE 2" iBEAM-S™.
3. MAKE SURE THAT THE iPLATE™ IS SECURELY FASTENED.
4. REPEAT STEPS 1-3 FOR THE REMAINING iPLATES™.

iCLAD-S™ INSTALLATION INSTRUCTIONS



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