

COLD STORAGE

APPLICATION
INSULATED METAL WALL PANEL

APPLICATION: COLD STORAGE

COVER

DRAWING NO:

CS-CVR-01

JUN '20



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DISCLAIMER:

THESE DETAILS ARE BASED ON INDUSTRY ACCEPTED PRACTICES AND PROVIDE A GUIDELINE FOR PROPER INSULATED METAL PANEL AND COMPONENT INSTALLATION.

THE LOCATION OF VAPOR BARRIERS AND ASSOCIATED SEALANTS SHOWN IN THESE DETAILS IS BASED ON STANDARD DESIGN PRACTICES FOR COMMERCIAL INDUSTRIAL APPLICATIONS FOR MOST U.S. AND CANADIAN CLIMATIC ZONES. THE DEFAULT VAPOR BARRIER LOCATION IS ON THE WARM SIDE IN WINTER (THE INTERIOR SIDE OF THE PANELS).

FOR PROJECTS LOCATED IN EXTREMELY COLD CLIMATES, EXPOSED TO HIGH WIND-DRIVEN RAIN OR UNUSUAL INTERIOR CONDITIONS (SUSTAINED TEMPERATURES BELOW 65°F), IT MAY BE ADVISABLE TO MODIFY THE VAPOR BARRIER (JOINT SEALANT) LOCATION, OR TO ADD OPTIONAL EXTERIOR JOINT SEALANTS.

IT IS THE SOLE RESPONSIBILITY OF THE PROJECT ARCHITECT TO VERIFY VAPOR BARRIER LOCATION, INSULATION REQUIRED BY CODE AND HVAC EQUIPMENT/VENTILATION REQUIREMENTS TO ALLOW PROPER AIR FLOW AND THE PREVENTION OF CONDENSATION.

IT IS ALSO THE SOLE RESPONSIBILITY OF THE PROJECT ARCHITECT TO DETERMINE PROJECT-SPECIFIC DESIGN LOADS. METL-SPAN TECHNICAL SERVICES IS AVAILABLE TO VERIFY ALLOWABLE PANEL SPANS AND FASTENING REQUIREMENTS WHEN PROVIDED WITH THIS INFORMATION.

THE DETAILS CONTAINED HEREIN SHOW SIDE JOINT FASTENING ONLY. PLEASE CONTACT METL-SPAN TECHNICAL SERVICES FOR PROJECT-SPECIFIC FASTENING REQUIREMENTS.

ALL STRUCTURAL SUPPORTS ARE SHOWN FOR CLARITY ONLY, AND ARE NOT PROVIDED BY METL-SPAN.

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SEALANTS, FASTENERS & CLOSURE MATERIAL:

BUTYL CAULK: FOR COMMERICAL/INDUSTRIAL PROJECTS THE CAULK IS USUALLY APPLIED TO THE INTERIOR JOINT FEMALE POCKET (SEE DISCLAIMER). BUTYL CAULK IS ALSO USED TO CREATE "MARRIAGE BEADS" WHICH TIE THE PANEL SIDEJOINT VAPOR SEALS TO PANEL ENDJOINT VAPOR SEALS. BUTYL CAULK IS CONSIDERED "NON-SKINNING", WHICH MEANS IT STAYS SOFT, FLEXIBLE, AND DOES NOT HARDEN. BUTYL CAULK IS FOR UNEXPOSED AREAS ONLY, AND CANNOT BE USED WHERE IT WILL BE EXPOSED TO WEATHER OR SUNLIGHT

BUTYL SEALANT TAPE: APPLIED BETWEEN FLASHINGS AND PANELS TO FORM A WEATHERTIGHT SEAL. ALL FASTENERS PENETRATING THE FLASHING MUST BE INSERTED THROUGH THE SEALANT TAPE.

URETHANE CAULK: USED IN LIEU OF BUTYL SEALANT WHERE THERE IS EXPOSURE TO THE ELEMENTS. IT IS RECOMMENDED FOR LAPPED TRIMS, EXPOSED PERIMETER SEALS AT FRAMED OPENINGS OR TO SEAL BETWEEN DIFFERENT CONSTRUCTION MATERIALS, SUCH AS METAL TO CONCRETE.

PANEL FASTENERS: INSULATED METAL PANEL FASTENERS ARE GENERALLY EITHER SELF-DRILLING/SELF-TAPPING (ALSO KNOWN AS TEK SCREWS), OR SELF-TAPPING (ALSO KNOWN AS B POINT SCREWS).

TEK FASTENERS CONTAIN A BUILT-IN DRILL POINT, AND DO NOT REQUIRE PRE-DRILLING. THEY ARE THE QUICKEST AND EASIEST WAY TO ATTACH PANELS TO LIGHT-MEDIUM GAUGE SUPPORTS.

B POINT FASTENERS REQUIRE A TWO-STEP OPERATION: FIRST HOLES ARE PRE-DRILLED INTO THE PANEL AND STRUCTURAL SUPPORT WITH AN APPROPRIATE SIZED BIT, THEN THE FASTENER IS INSERTED INTO THE HOLE AND TIGHTENED. B POINTS ARE TYPICALLY USED TO ATTACH PANELS TO MEDIUM-HEAVY GAUGE SUPPORTS THAT ARE NOT PENETRABLE BY TEK FASTENERS. IT IS IMPORTANT THAT THE PRE-DRILLED HOLES ARE SIZED CORRECTLY FOR THE FASTENERS TO ACHIEVE PROPER PULLOUT VALUES.

BULB-TITE® RIVETS: ARE SIMILAR TO EXPANSION FASTENERS, AND ARE USED WHERE BACK FASTENING OF THE PANELS TO STRUCTURAL SUPPORTS IS REQUIRED. HOLES MUST BE PRE-DRILLED WITH A 5/16" DIAMETER. THE GRIP RANGE OF THE RIVETS MUST BE MATCHED TO THE THICKNESS OF THE STRUCTURAL SUPPORT TO ENSURE PROPER FASTENING.

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SEALANTS, FASTENERS & CLOSURE MATERIAL

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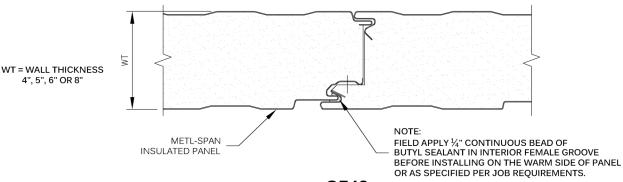
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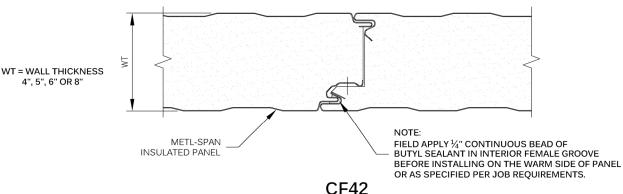
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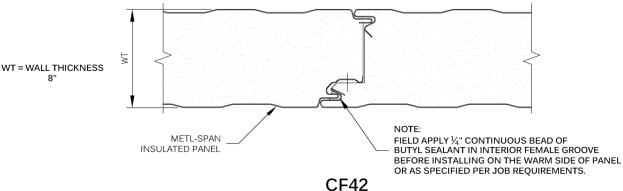




CF42 FLUTE/MESA OR LIGHT MESA



CF42 MESA/MESA OR MESA/LIGHT MESA



CF42 LIGHT MESA/LIGHT MESA (INTERIOR ONLY)

CF PANEL JOINT FREEZER OR COOLER

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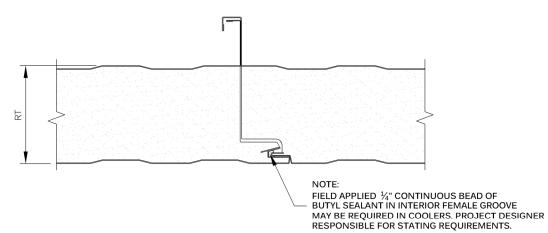
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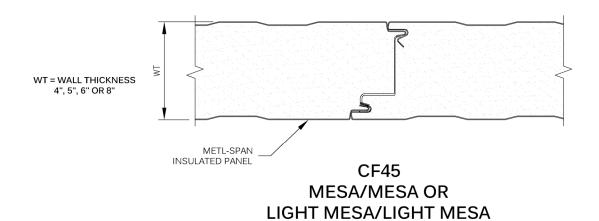


RT = ROOF THICKNESS 4", 5" OR 6" (TYPICAL FOR COLD STORAGE) 2", 2 1/2" OR 3" (PLEASE CONTACT

TECH. SERVICES)



CFR42 MESA/MESA



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CFR AND CF45 PANEL JOINT FREEZER OR COOLER

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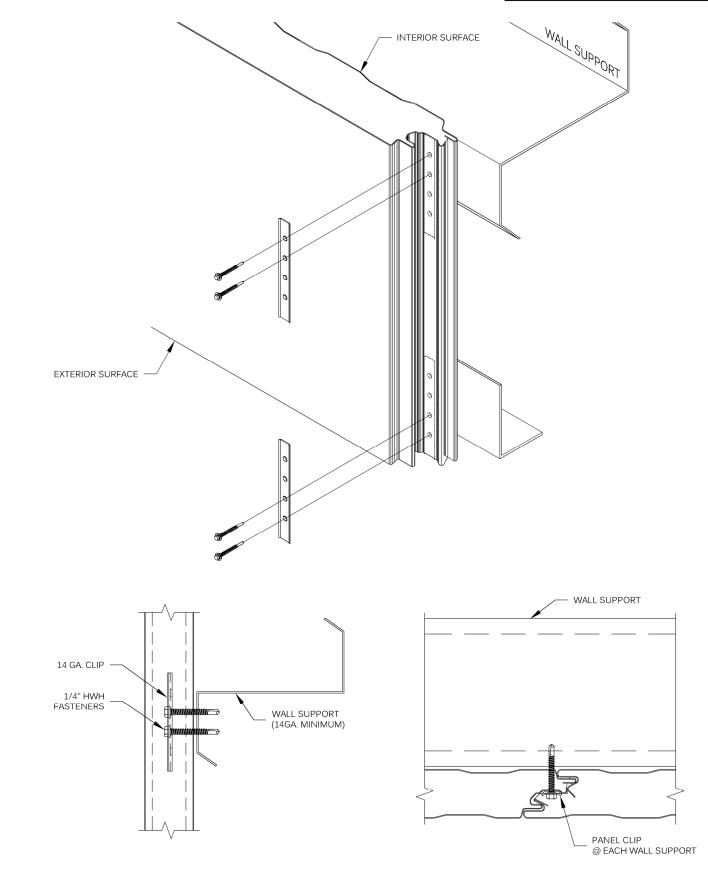
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PANEL ATTACHMENT - LIGHT GAUGE SIDE JOINT ONLY

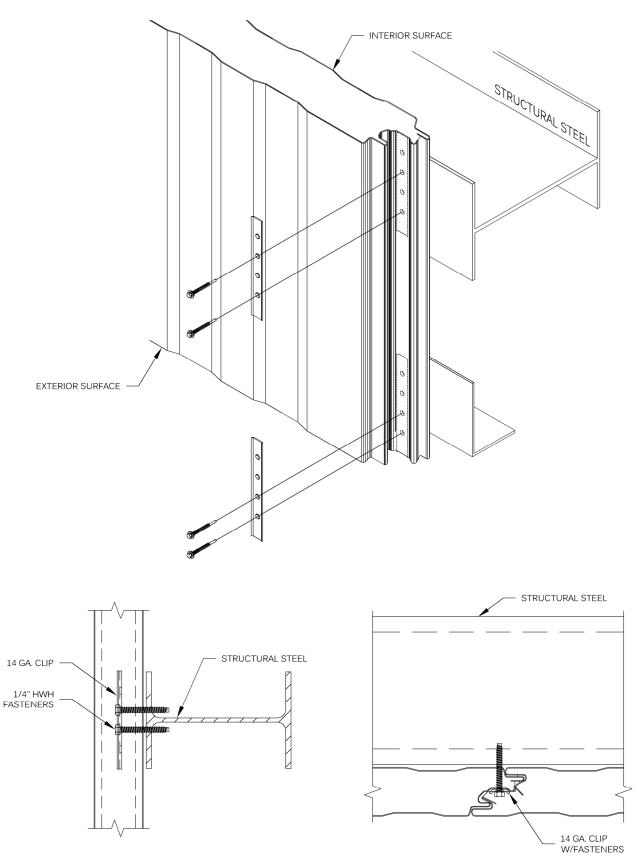
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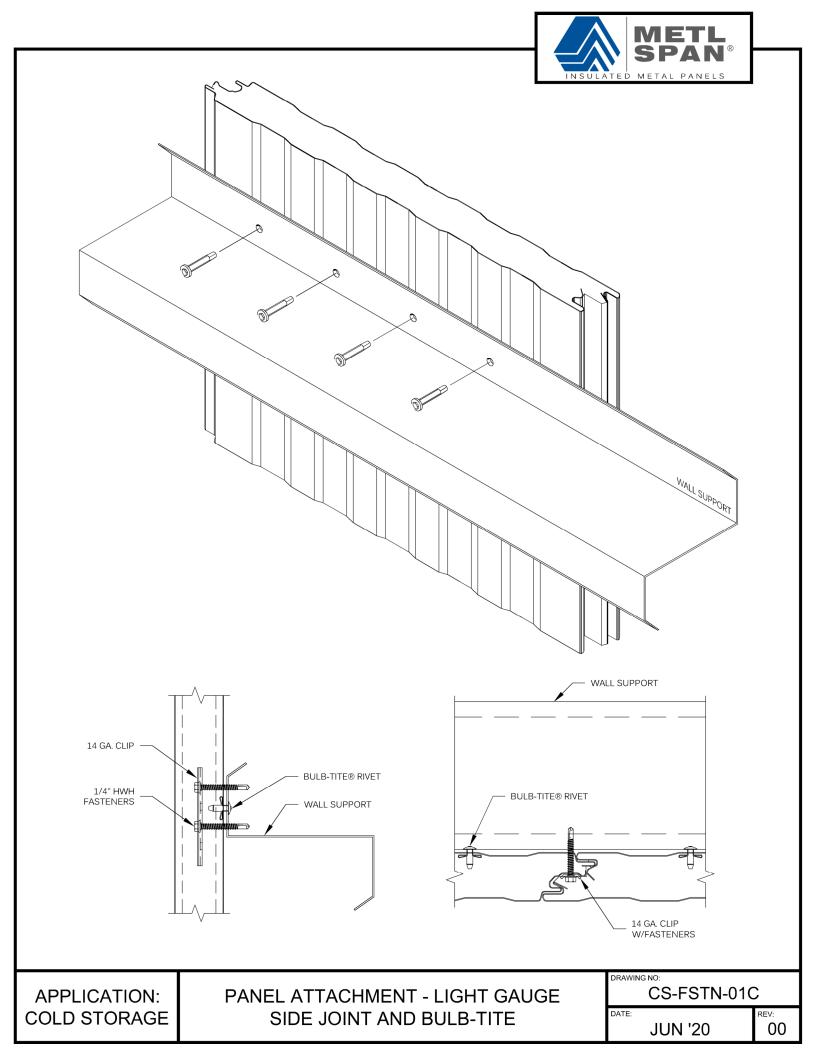
PANEL ATTACHMENT - HEAVY GAUGE SIDE JOINT ONLY

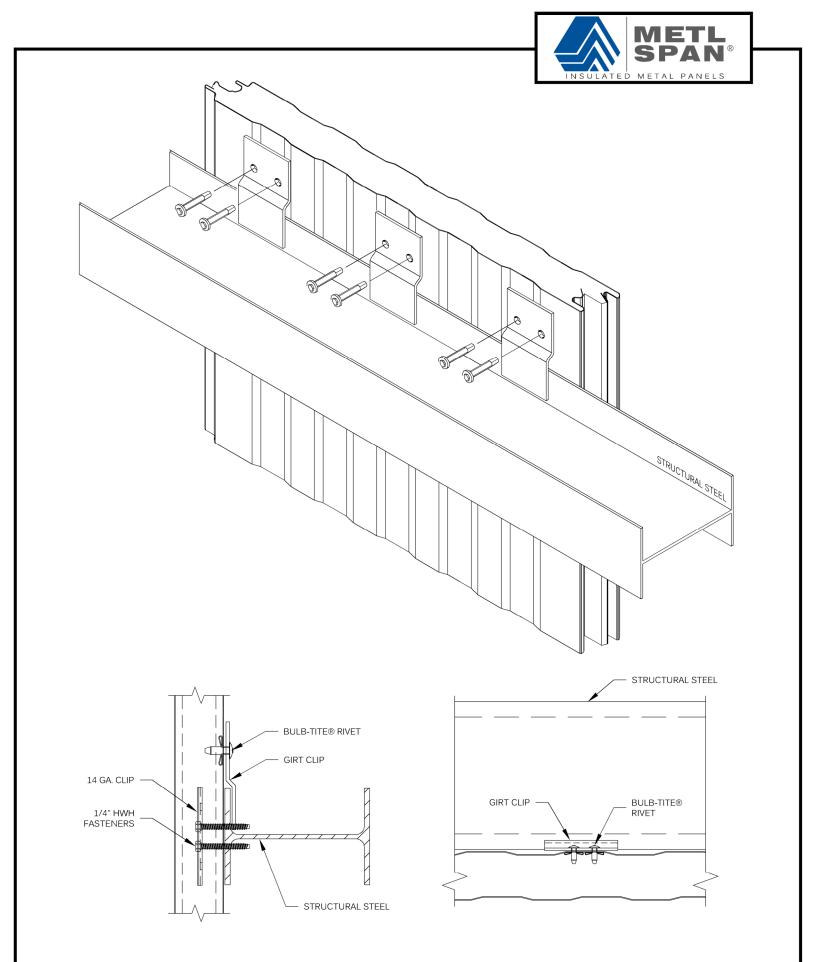
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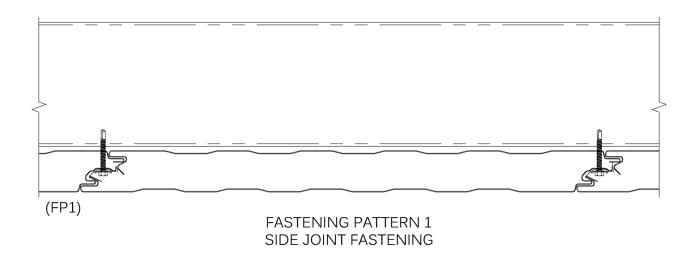
PANEL ATTACHMENT - HEAVY GAUGE SIDE JOINT AND GIRT CLIPS W/BULB-TITE DRAWING NO

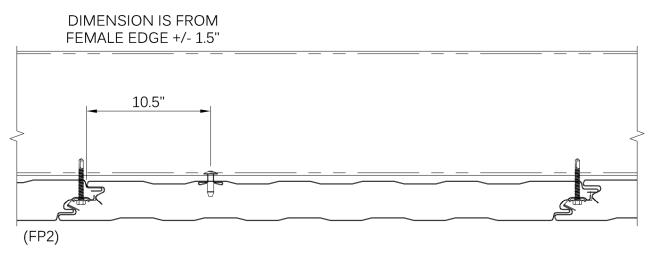
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FASTENING PATTERN 2 SIDE JOINT FASTENING AND ONE DOME HEAD BULB-TITE® RIVET

INSTALL RIVET THROUGH GIRT FLANGE INTO MESA WHERE THE SKIN MAKES CONTACT WITH THE STEEL

(CONSULT FACTORY FOR FASTENER REQUIREMENTS NEEDED TO MEET SPECIFIC LOAD REQUIREMENTS)

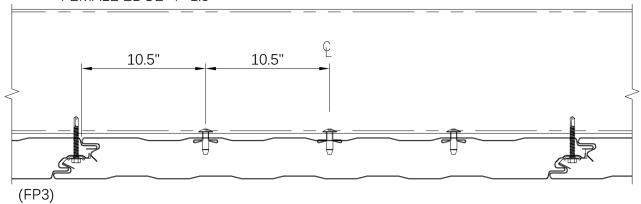
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FASTENING PATTERN FP 1-2 DRAWING NO: CS-FP-1-2

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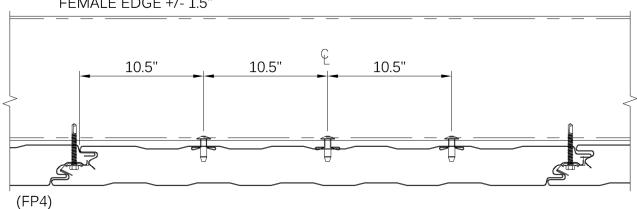
DIMENSION IS FROM FEMALE EDGE +/- 1.5"



FASTENING PATTERN 3
SIDE JOINT FASTENING
AND TWO DOME HEAD BULB-TITE® RIVETS

INSTALL RIVET THROUGH GIRT FLANGE INTO MESA WHERE THE SKIN MAKES CONTACT WITH THE STEEL

DIMENSION IS FROM FEMALE EDGE +/- 1.5"



FASTENING PATTERN 4
SIDE JOINT FASTENING
WITH THREE DOME HEAD BULB-TITE® RIVETS

INSTALL RIVET THROUGH GIRT FLANGE INTO MESA WHERE THE SKIN MAKES CONTACT WITH THE STEEL

(CONSULT FACTORY FOR FASTENER REQUIREMENTS NEEDED TO MEET SPECIFIC LOAD REQUIREMENTS)

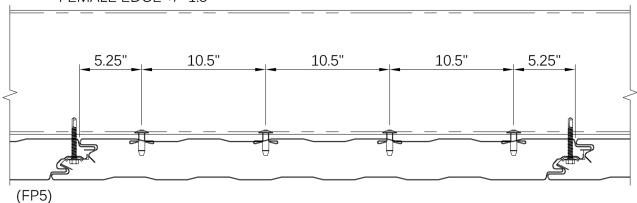
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FASTENING PATTERN FP 3-4 DRAWING NO: CS-FP-3-4

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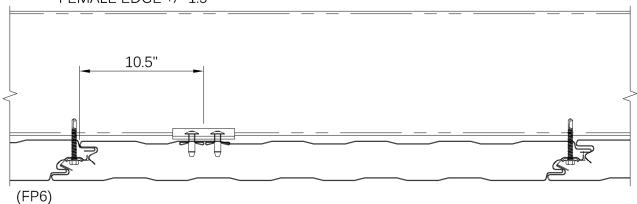
DIMENSION IS FROM FEMALE EDGE +/- 1.5"



FASTENING PATTERN 5
SIDE JOINT FASTENING
AND BACK FASTENING WITH
FOUR DOME HEAD BULB-TITE® RIVETS

INSTALL RIVET THROUGH GIRT FLANGE INTO MESA WHERE THE SKIN MAKES CONTACT WITH THE STEEL

DIMENSION IS FROM FEMALE EDGE +/- 1.5"



FASTENING PATTERN 6
SIDE JOINT FASTENING
AND ONE GIRT CLIP WITH TWO DOME HEAD
BULB-TITE® RIVETS

INSTALL RIVET THROUGH GIRT FLANGE INTO MESA WHERE THE SKIN MAKES CONTACT WITH THE STEEL

(CONSULT FACTORY FOR FASTENER REQUIREMENTS NEEDED TO MEET SPECIFIC LOAD REQUIREMENTS)

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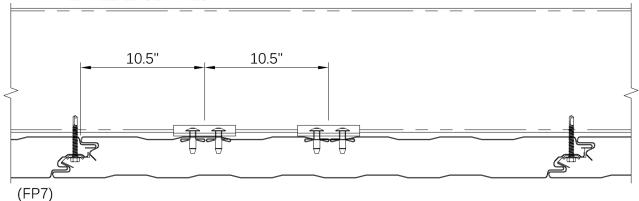
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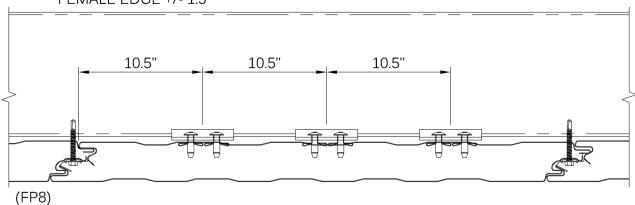
DIMENSION IS FROM FEMALE EDGE +/- 1.5"



FASTENING PATTERN 7
SIDE JOINT FASTENING
AND TWO GIRT CLIPS WITH FOUR DOME HEAD
BULB-TITE® RIVETS

INSTALL RIVET THROUGH GIRT FLANGE INTO MESA WHERE THE SKIN MAKES CONTACT WITH THE STEEL

DIMENSION IS FROM FEMALE EDGE +/- 1.5"



FASTENING PATTERN 8
SIDE JOINT FASTENING
WITH THREE GIRT CLIPS WITH SIX DOME HEAD
BULB-TITE® RIVETS

INSTALL RIVET THROUGH GIRT FLANGE INTO MESA WHERE THE SKIN MAKES CONTACT WITH THE STEEL

(CONSULT FACTORY FOR FASTENER REQUIREMENTS NEEDED TO MEET SPECIFIC LOAD REQUIREMENTS)

APPLICATION: COLD STORAGE

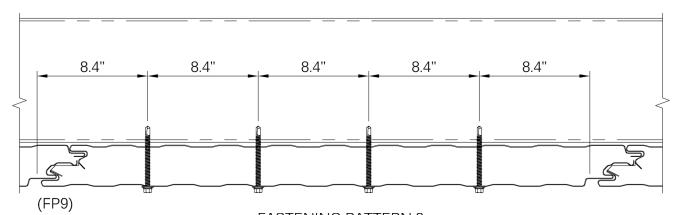
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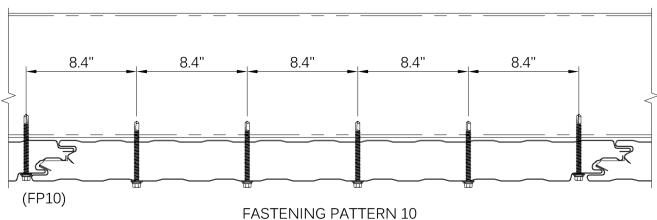
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FASTENING PATTERN 9 WITH FOUR SELF-TAPPING SCREWS WITH MIN. 20 GA. NEOPRENE BONDED WASHER



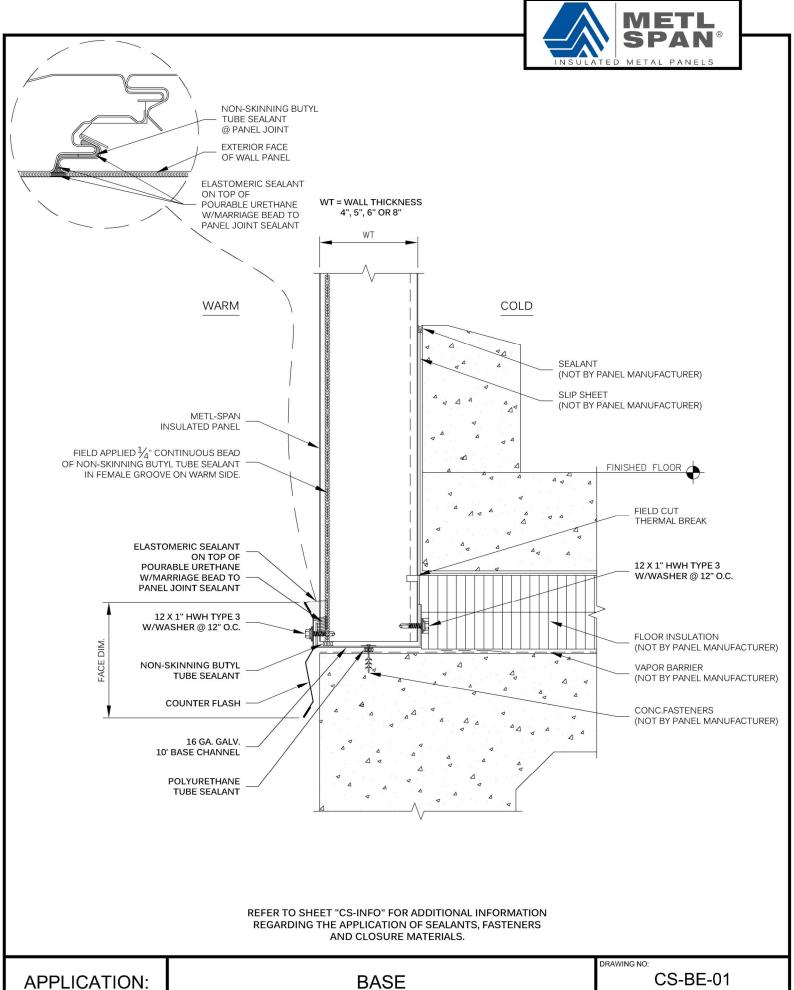
WITH FIVE SELF-TAPPING SCREWS WITH MIN. 20 GA. NEOPRENE BONDED WASHER

(CONSULT FACTORY FOR FASTENER REQUIREMENTS NEEDED TO MEET SPECIFIC LOAD REQUIREMENTS)

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FASTENING PATTERN FP 9-10 DRAWING NO: CS-FP-9-10

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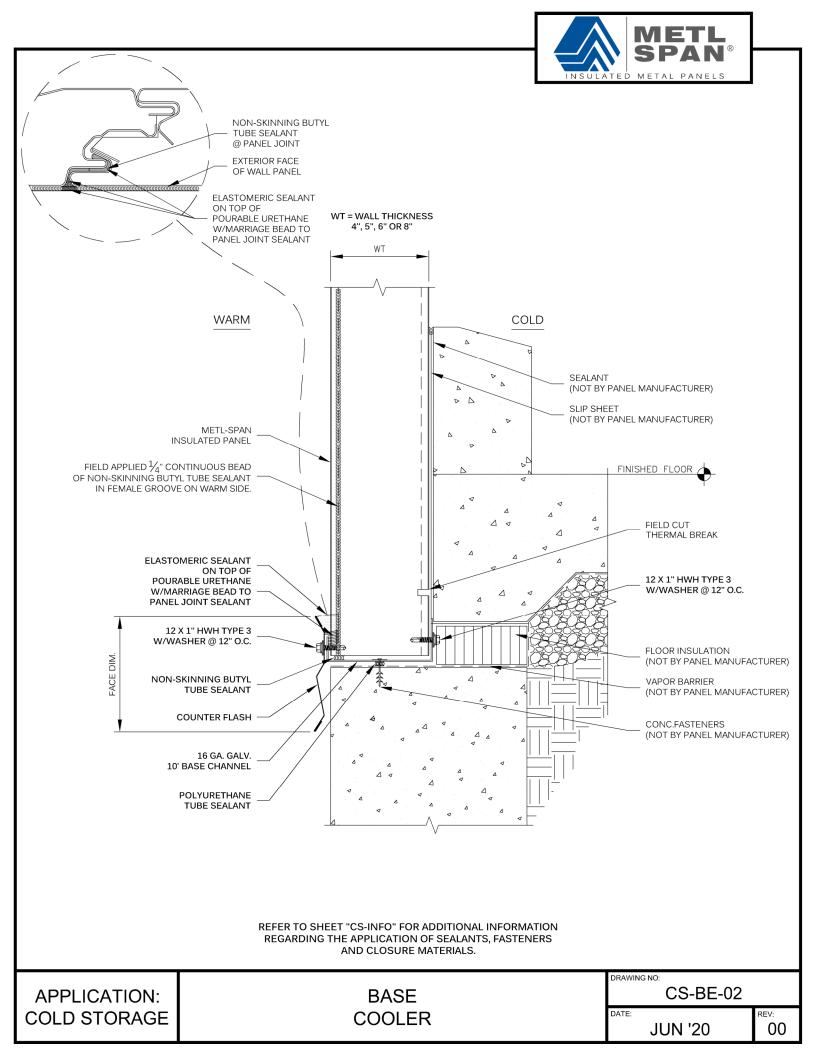


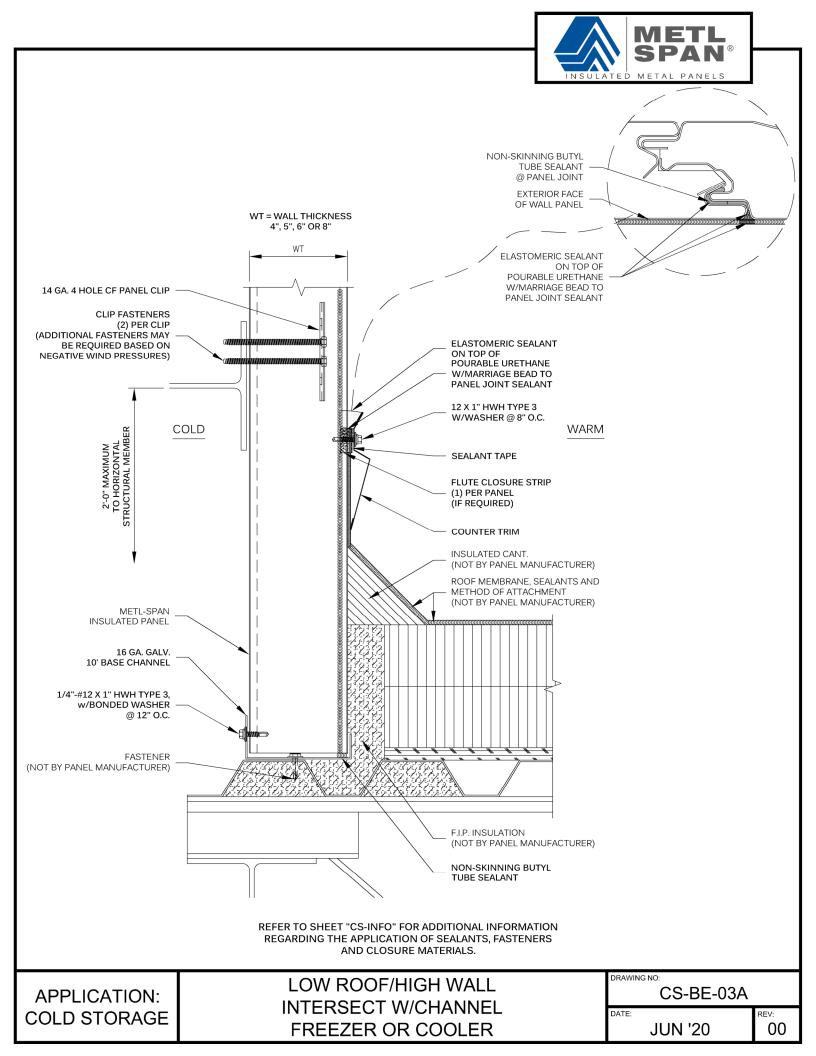
BASE FREEZER OR COOLER

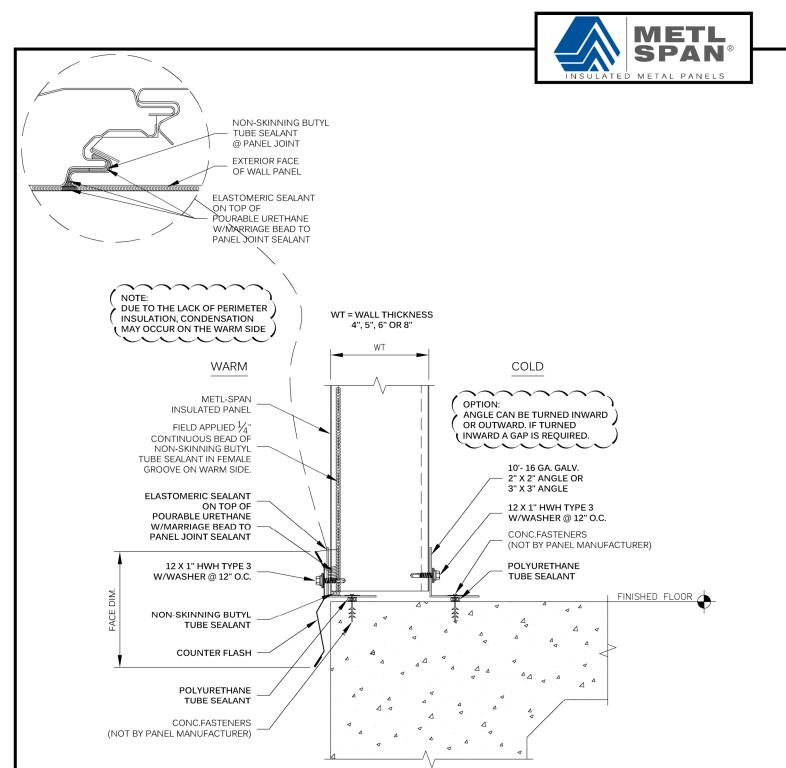
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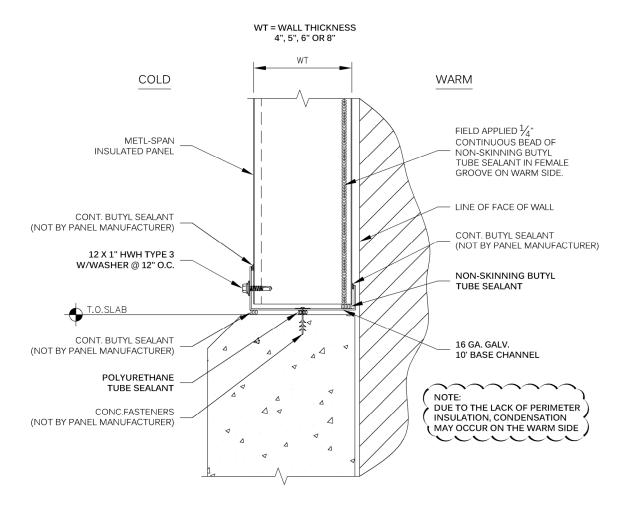
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BASE COOLER DRAWING NO:

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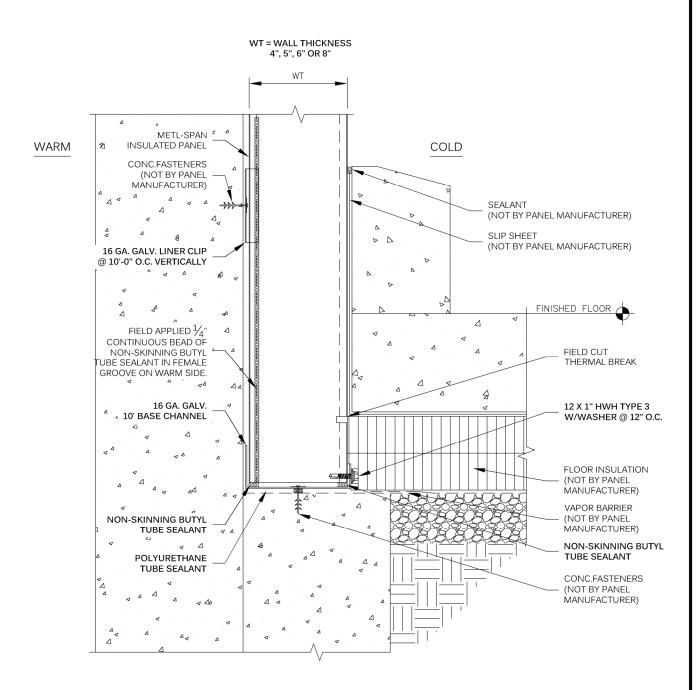
BASE W/OUT INSULATION COOLER DRAWING NO:

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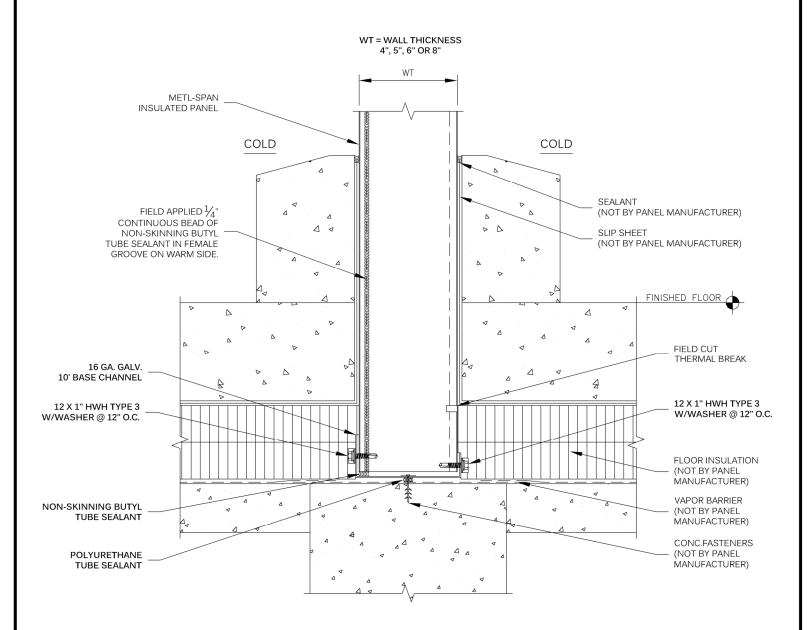
BASE @ LINER WALL W/CHANNEL **FREEZER**

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BASE W/CHANNEL FREEZER/FREEZER DRAWING NO:

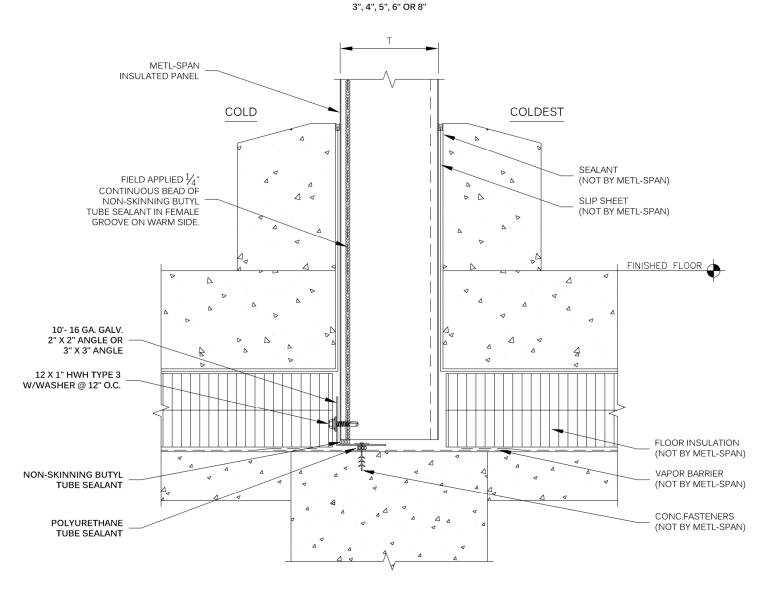
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T = PANEL THICKNESS



REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

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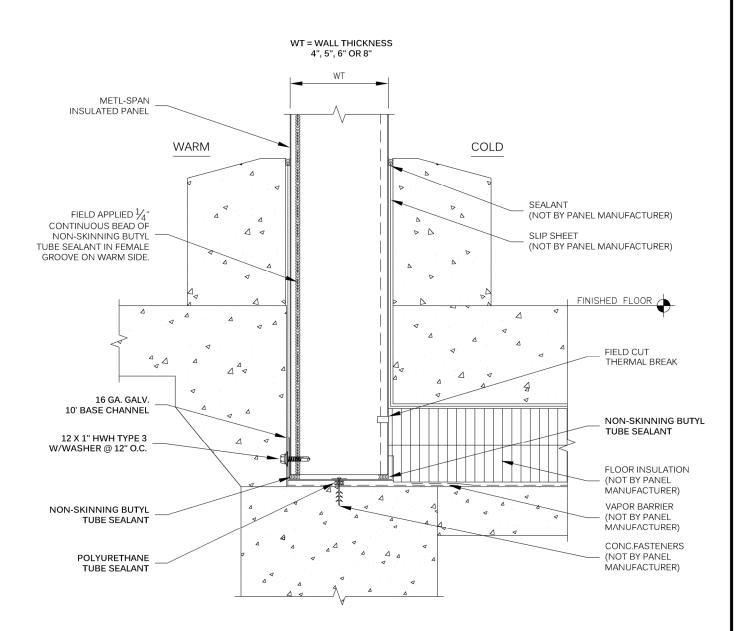
BASE W/ANGLE FREEZER/FREEZER DRAWING NO:

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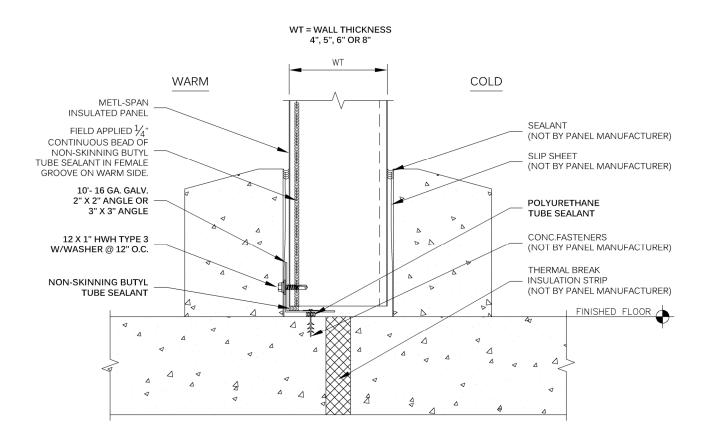
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BASE W/CHANNEL FREEZER/FREEZER DRAWING NO:

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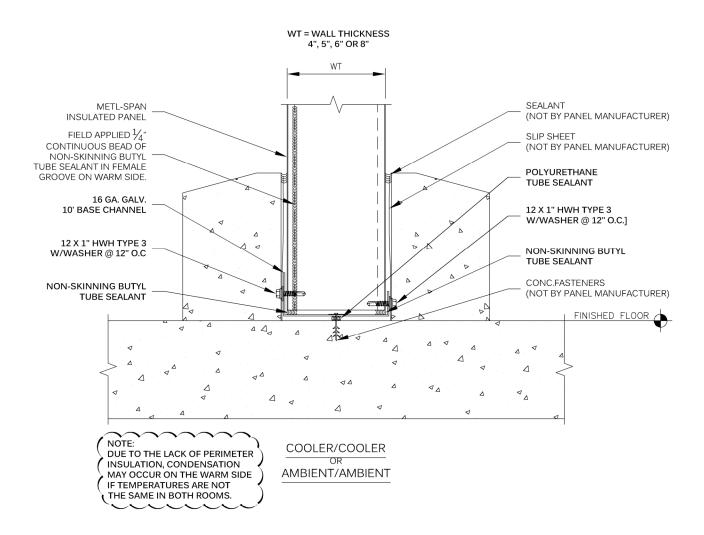
BASE COOLER/AMBIENT DRAWING NO:

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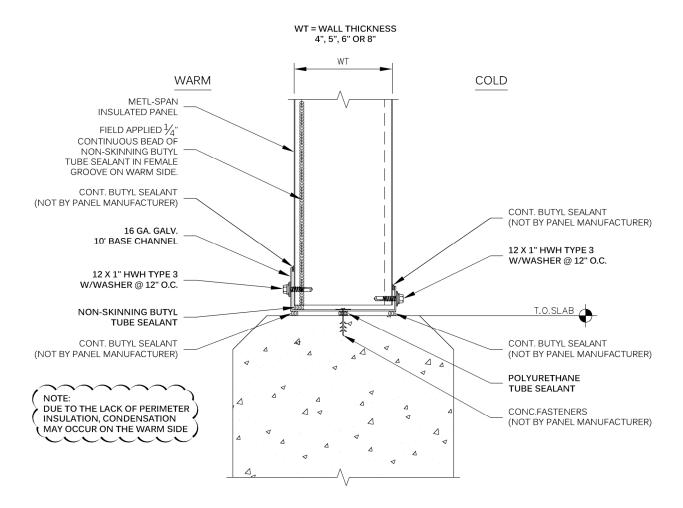
BASE COOLER/COOLER AMBIENT/AMBIENT DRAWING NO:

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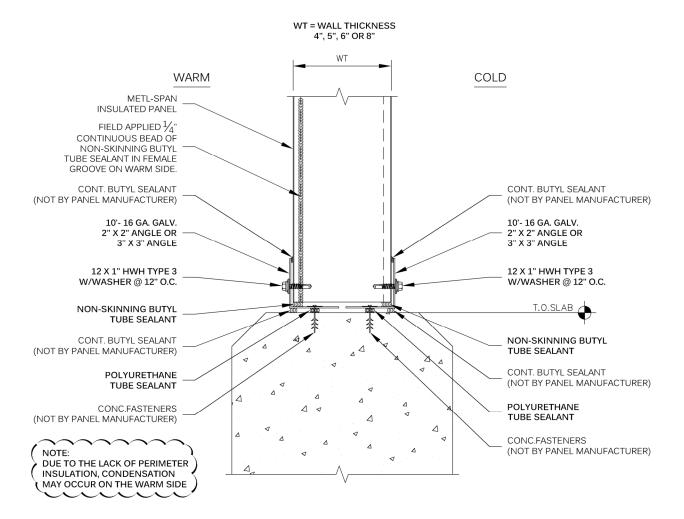
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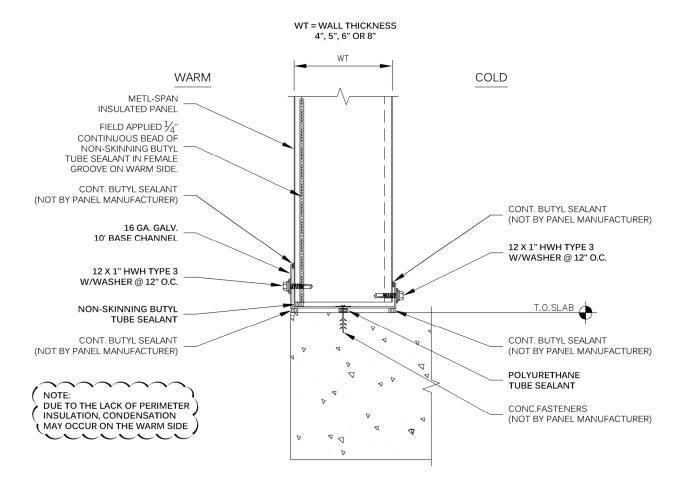


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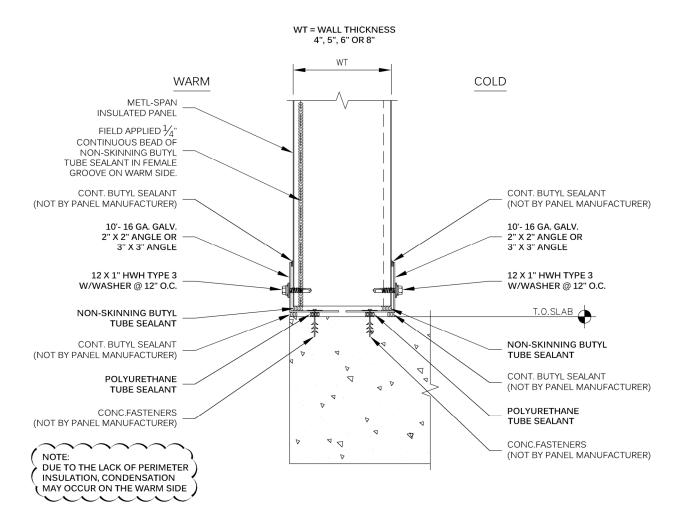
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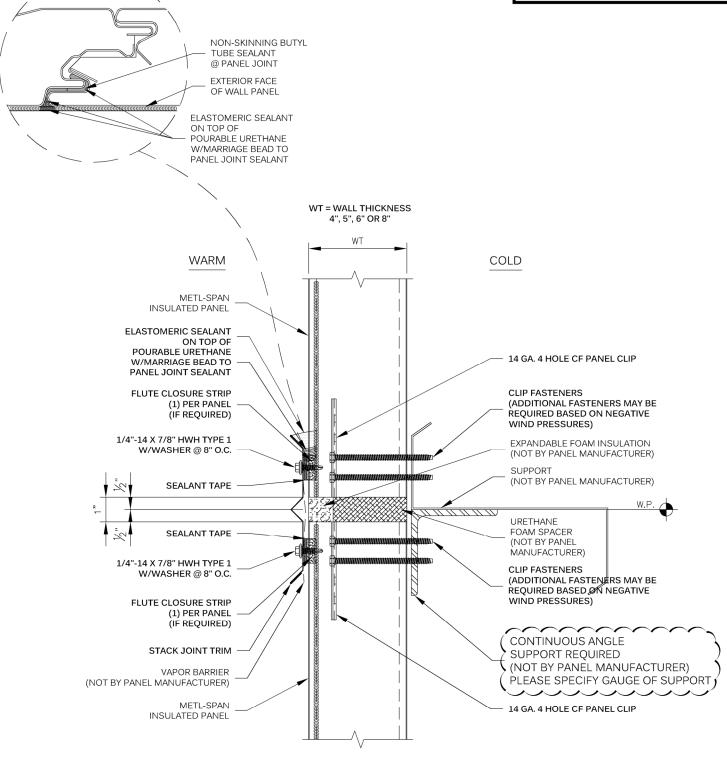
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STACK JOINT FREEZER OR COOLER

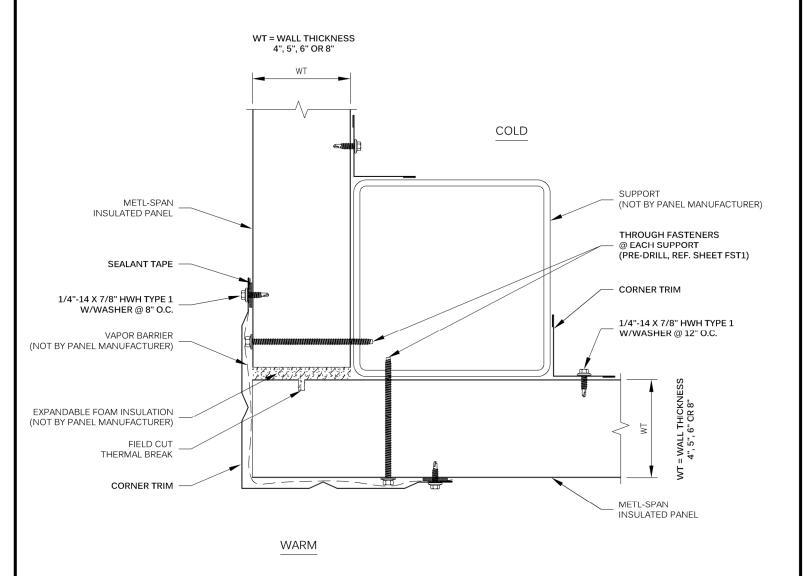
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OUTSIDE CORNER TUBE SUPPORT FREEZER/FREEZER DRAWING NO:

CS-CE-01

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WT = WALL THICKNESS 4", 5", 6" OR 8" WT COLD METL-SPAN SUPPORT **INSULATED PANEL** (NOT BY PANEL MANUFACTURER) 1/4"-14 X 7/8" HWH TYPE 1 W/WASHER @ 12" O.C. SEALANT TAPE THROUGH FASTENERS @ EACH SUPPORT (PRE-DRILL, REF. SHEET FST1) 1/4"-14 X 7/8" HWH TYPE 1 W/WASHER @ 8" O.C. VAPOR BARRIER **CORNER TRIM** (NOT BY PANEL MANUFACTURER) EXPANDABLE FOAM INSULATION (NOT BY PANEL MANUFACTURER) \geq FIELD CUT THERMAL BREAK **CORNER TRIM** METL-SPAN INSULATED PANEL

WARM

REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

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OUTSIDE CORNER FREEZER/FREEZER

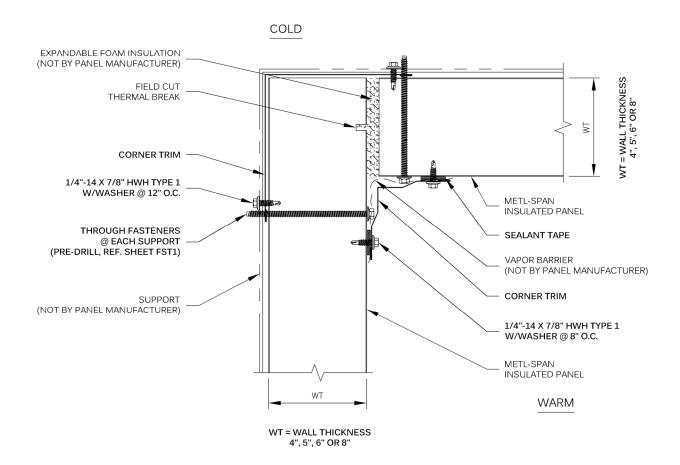
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APPLICATION: COLD STORAGE

INSIDE CORNER FREEZER/FREEZER

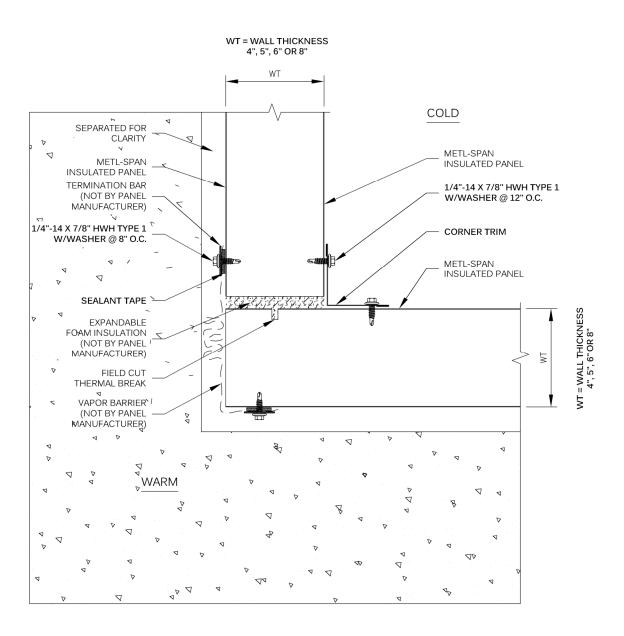
DRAWING NO:

CS-CE-03

DATE:

JUN '20





APPLICATION: COLD STORAGE

LINER CORNER FREEZER OR COOLER

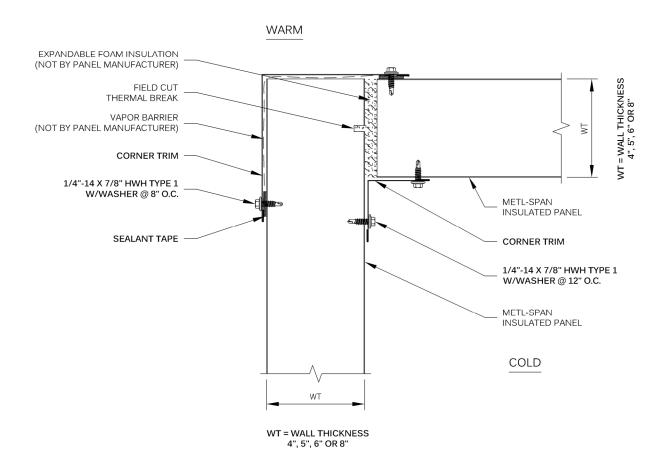
DRAWING NO:

CS-CL-01

DATE:

JUN '20





APPLICATION: COLD STORAGE

PARTITION CORNER FREEZER OR COOLER

DRAWING NO:

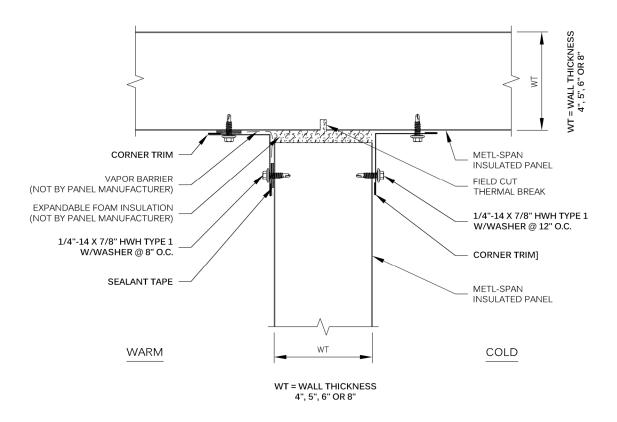
CS-CP-01

DATE:

JUN '20



WARM/COLD



REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

APPLICATION: COLD STORAGE

WALL INTERSECTION FREEZER OR COOLER

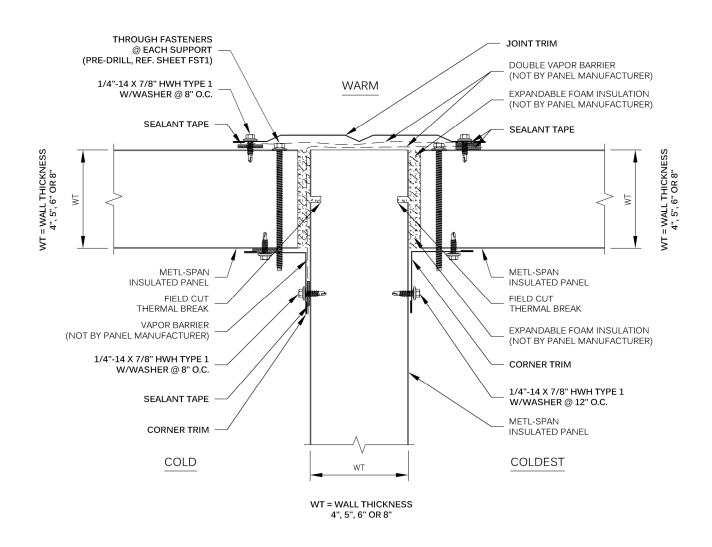
DRAWING NO:

CS-CP-02

DATE:

JUN '20





APPLICATION: COLD STORAGE

WALL INTERSECTION FREEZER OR COOLER

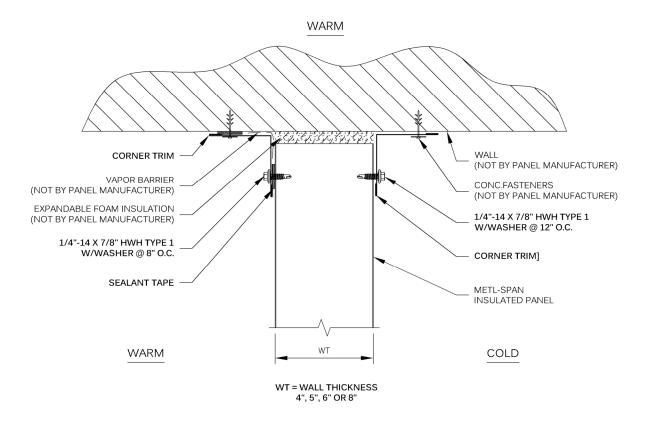
DRAWING NO:

CS-CP-03

DATE:

JUN '20





APPLICATION: COLD STORAGE

WALL INTERSECTION FREEZER OR COOLER

DRAWING NO:

CS-CP-04

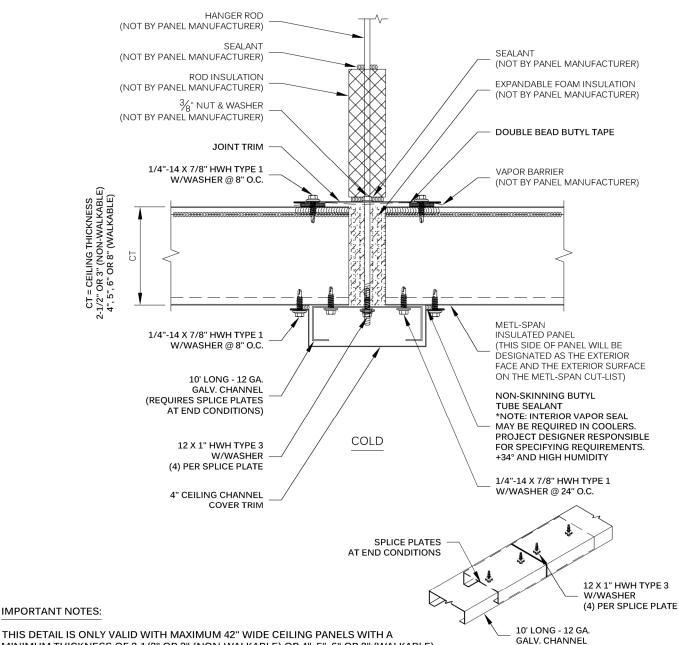
DATE:

JUN '20



*FIELD APPLY $\frac{1}{4}$ " CONTINUOUS BEAD OF BUTYL SEALANT IN INTERIOR FEMALE GROOVE BEFORE INSTALLING. ***WARM SIDE ONLY***

(SPACE ABOVE CEILING MUST BE VENTILATED)



IMPORTANT NOTES:

MINIMUM THICKNESS OF 2-1/2" OR 3" (NON-WALKABLE) OR 4", 5", 6" OR 8" (WALKABLE)

BRACING OF ROD MAY BE REQUIRED, DESIGNED AND SUPPLIED BY OTHERS (NOT BY PANEL MANUFACTURER).

ALL CEILING SUPPORT COMPONENTS AND PANELS MUST BE INSTALLED COMPLETELY PRIOR TO ALLOWING ANY TRAFFIC ON CEILING.

REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

APPLICATION: COLD STORAGE

CEILING SUPPORT W/CHANNEL AND COVER TRIM FREEZER OR COOLER

DRAWING NO:

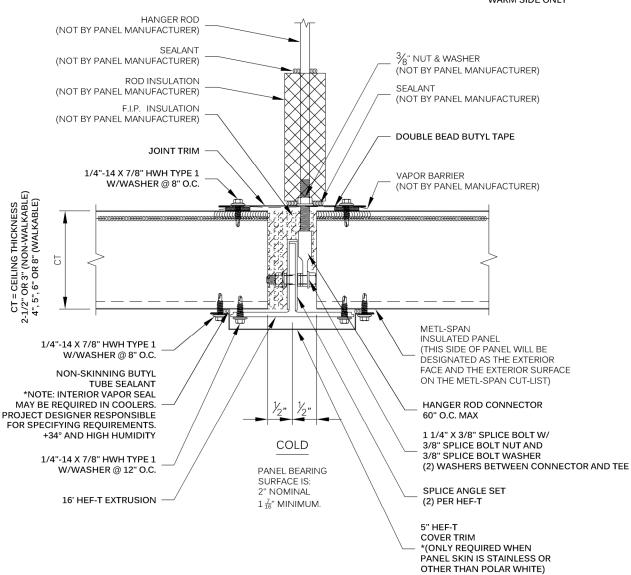
CS-CG-03

JUN '20



*FIELD APPLY ¼" CONTINUOUS BEAD OF BUTYL SEALANT IN INTERIOR FEMALE GROOVE BEFORE INSTALLING. ***WARM SIDE ONLY***

(SPACE ABOVE CEILING MUST BE VENTILATED)



** IMPORTANT NOTES:

THIS DETAIL IS ONLY VALID WITH MAXIMUM 42" WIDE CEILING PANELS WITH A MINIMUM THICKNESS OF 2-1/2" OR 3" (NON-WALKABLE) OR 4", 5", 6" OR 8" (WALKABLE)

BRACING OF ROD MAY BE REQUIRED, DESIGNED AND SUPPLIED BY OTHERS (NOT BY PANEL MANUFACTURER).

ALL CEILING SUPPORT COMPONENTS AND PANELS MUST BE INSTALLED COMPLETELY PRIOR TO ALLOWING ANY TRAFFIC ON CEILING.

REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

APPLICATION: COLD STORAGE

CEILING SUPPORT HEF-T FREEZER OR COOLER RAWING NO:

CS-CG-04

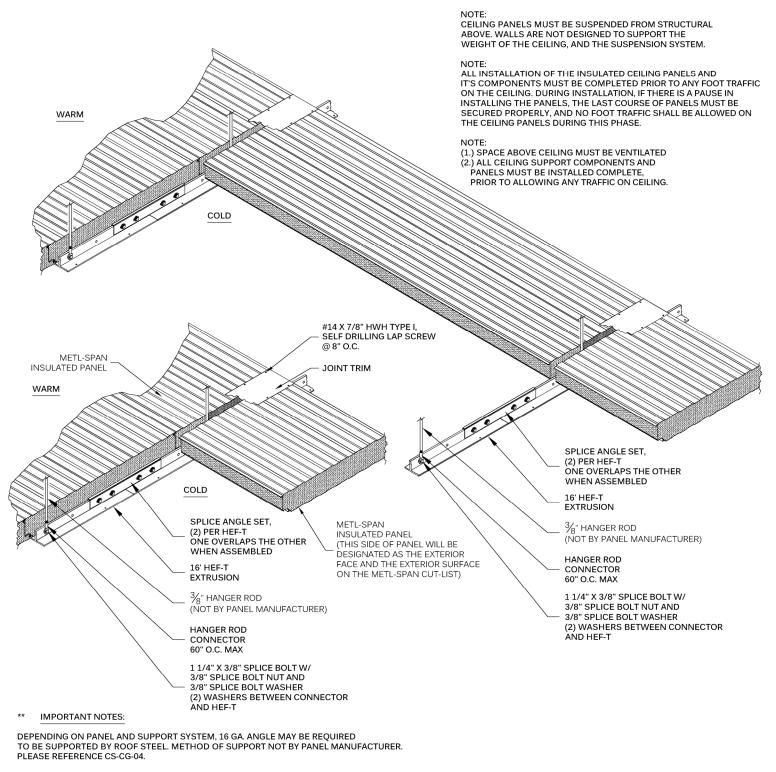
DATE:

REV:

JUN '20



(SPACE ABOVE CEILING MUST BE VENTILATED)



THIS DETAIL IS ONLY VALID WITH MAXIMUM 42" WIDE CEILING PANELS WITH A MINIMUM THICKNESS OF 2-1/2" OR 3" (NON-WALKABLE) OR 4", 5", 6" OR 8" (WALKABLE)

BRACING OF ROD MAY BE REQUIRED, DESIGNED AND SUPPLIED BY OTHERS (NOT BY PANEL MANUFACTURER).

REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

APPLICATION: COLD STORAGE

CEILING PANEL JOINT W/ALUMINUM HEF-T & SPLICE ASSEMBLY VIEW FROM TOP SIDE FREEZER OR COOLER

DRAWING NO:

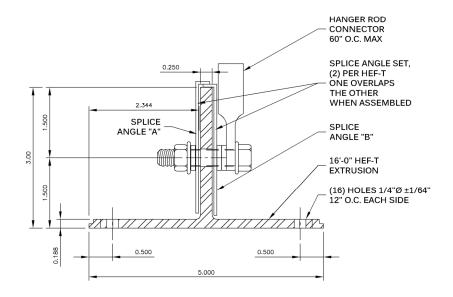
CS-CG-05

DATE:

JUN '20



(SPACE ABOVE CEILING MUST BE VENTILATED)

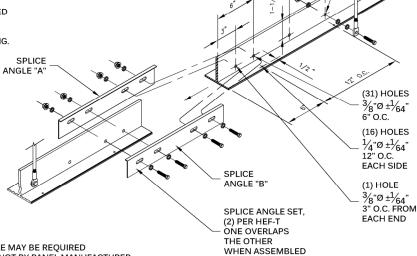


CEILING PANELS MUST BE SUSPENDED FROM STRUCTURAL ABOVE. WALLS ARE NOT DESIGNED TO SUPPORT THE WEIGHT OF THE CEILING, AND THE SUSPENSION SYSTEM.

ALL INSTALLATION OF THE INSULATED CEILING PANELS AND IT'S COMPONENTS MUST BE COMPLETED PRIOR TO ANY FOOT TRAFFIC ON THE CEILING, DURING INSTALLATION, IF THERE IS A PAUSE IN INSTALLING THE PANELS, THE LAST COURSE OF PANELS MUST BE SECURED PROPERLY, AND NO FOOT TRAFFIC SHALL BE ALLOWED ON THE CEILING PANELS DURING THIS PHASE.

NOTE:

(1.) SPACE ABOVE CEILING MUST BE VENTILATED (2.) ALL CEILING SUPPORT COMPONENTS AND PANELS MUST BE INSTALLED COMPLETE PRIOR TO ALLOWING ANY TRAFFIC ON CEILING.



IMPORTANT NOTES:

DEPENDING ON PANEL AND SUPPORT SYSTEM, 16 GA. ANGLE MAY BE REQUIRED TO BE SUPPORTED BY ROOF STEEL. METHOD OF SUPPORT NOT BY PANEL MANUFACTURER. PLEASE REFERENCE CS-CG-04 AND CS-CG-05.

THIS DETAIL IS ONLY VALID WITH MAXIMUM 42" WIDE CEILING PANELS WITH A MINIMUM THICKNESS OF 2-1/2" OR 3" (NON-WALKABLE) OR 4", 5", 6" OR 8" (WALKABLE)

BRACING OF ROD MAY BE REQUIRED, DESIGNED AND SUPPLIED BY OTHERS (NOT BY PANEL MANUFACTURER).

REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

APPLICATION: COLD STORAGE

ALUMINUM HEF-T W/HANGER RODS & SPLICE ANGLE ASSEMBLY FREEZER OR COOLER

DRAWING NO:

CS-CG-05A

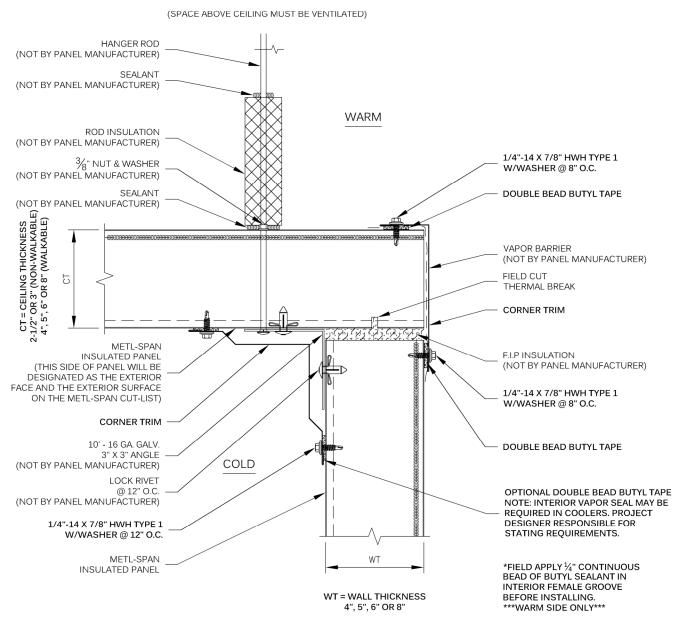
JUN '20

(31) HOLES

6" O.C.

3/8"Ø ±1/64"





** IMPORTANT NOTES:

THIS DETAIL IS ONLY VALID WITH MAXIMUM 42" WIDE CEILING PANELS WITH A MINIMUM THICKNESS OF 2-1/2" OR 3" (NON-WALKABLE) OR 4", 5", 6" OR 8" (WALKABLE)

BRACING OF ROD MAY BE REQUIRED, DESIGNED AND SUPPLIED BY OTHERS (NOT BY PANEL MANUFACTURER).

ALL CEILING SUPPORT COMPONENTS AND PANELS MUST BE INSTALLED COMPLETELY PRIOR TO ALLOWING ANY TRAFFIC ON CEILING.

REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

APPLICATION: COLD STORAGE

CEILING SUPPORT FREEZER OR COOLER

DRAWING NO:

CS-CG-06

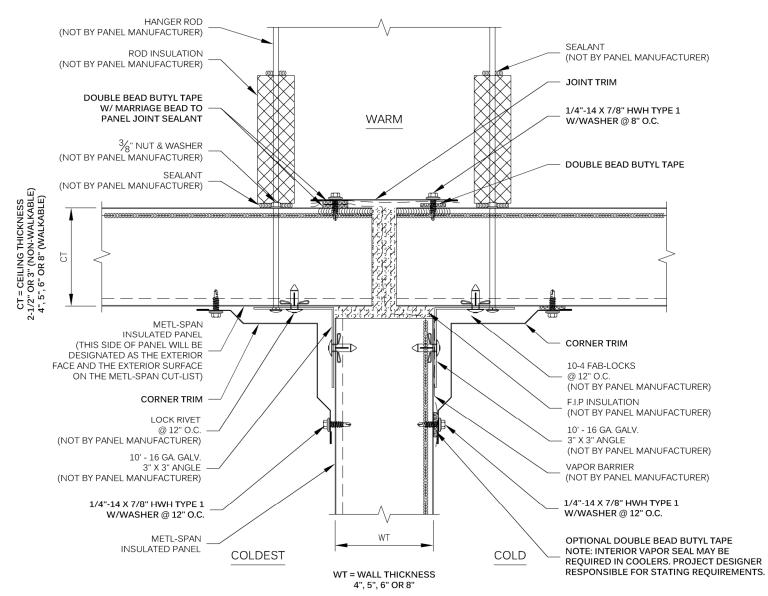
DATE:

REV:

JUN '20







** IMPORTANT NOTES:

THIS DETAIL IS ONLY VALID WITH MAXIMUM 42" WIDE CEILING PANELS WITH A MINIMUM THICKNESS OF 2-1/2" OR 3" (NON-WALKABLE) OR 4", 5", 6" OR 8" (WALKABLE)

BRACING OF ROD MAY BE REQUIRED, DESIGNED AND SUPPLIED BY OTHERS (NOT BY PANEL MANUFACTURER).

ALL CEILING SUPPORT COMPONENTS AND PANELS MUST BE INSTALLED COMPLETELY PRIOR TO ALLOWING ANY TRAFFIC ON CEILING.

REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

*FIELD APPLY ¼" CONTINUOUS BEAD OF BUTYL SEALANT IN INTERIOR FEMALE GROOVE BEFORE INSTALLING. ***WARM SIDE ONLY***

APPLICATION: COLD STORAGE

CEILING SUPPORT FREEZER OR COOLER

RAWING NO:

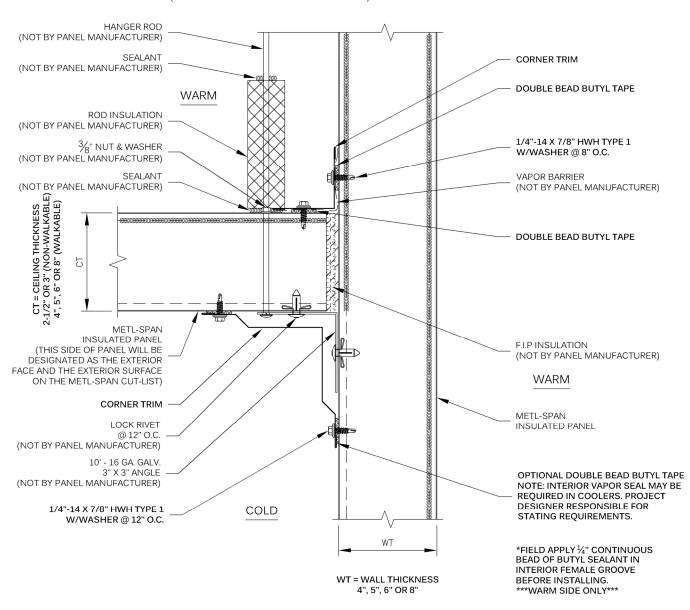
CS-CG-07

DATE:

JUN '20







IMPORTANT NOTES:

THIS DETAIL IS ONLY VALID WITH MAXIMUM 42" WIDE CEILING PANELS WITH A MINIMUM THICKNESS OF 2-1/2" OR 3" (NON-WALKABLE) OR 4", 5", 6" OR 8" (WALKABLE)

BRACING OF ROD MAY BE REQUIRED, DESIGNED AND SUPPLIED BY OTHERS (NOT BY PANEL MANUFACTURER).

ALL CEILING SUPPORT COMPONENTS AND PANELS MUST BE INSTALLED COMPLETELY PRIOR TO ALLOWING ANY TRAFFIC ON CEILING.

REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

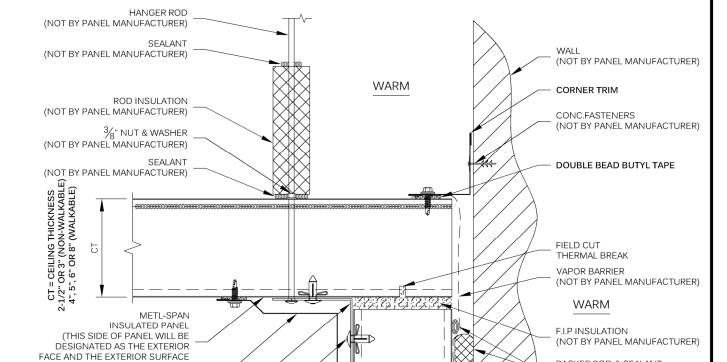
APPLICATION: COLD STORAGE

CEILING SUPPORT FREEZER OR COOLER DRAWING NO:

CS-CG-08

JUN '20





WT

WT = WALL THICKNESS

4", 5", 6" OR 8"

(SPACE ABOVE CEILING MUST BE VENTILATED)

** IMPORTANT NOTES:

THIS DETAIL IS ONLY VALID WITH MAXIMUM 42" WIDE CEILING PANELS WITH A MINIMUM THICKNESS OF 2-1/2" OR 3" (NON-WALKABLE) OR 4", 5", 6" OR 8" (WALKABLE)

ON THE METL-SPAN CUT-LIST)

(NOT BY PANEL MANUFACTURER)

(NOT BY PANEL MANUFACTURER)

1/4"-14 X 7/8" HWH TYPE 1

W/WASHER @ 12" O.C.

INSULATED PANEL

CORNER TRIM

3" X 3" ANGLE

LOCK RIVET

@ 12" O.C.

METL-SPAN

10' - 16 GA. GALV.

BRACING OF ROD MAY BE REQUIRED, DESIGNED AND SUPPLIED BY OTHERS (NOT BY PANEL MANUFACTURER).

COLD

ALL CEILING SUPPORT COMPONENTS AND PANELS MUST BE INSTALLED COMPLETELY PRIOR TO ALLOWING ANY TRAFFIC ON CEILING.

REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

APPLICATION: COLD STORAGE

CEILING SUPPORT FREEZER OR COOLER

DRAWING NO

CS-CG-09

BACKER ROD & SEALANT

OPTIONAL DOUBLE BEAD

SEPARATION FOR

CLARITY

BUTYL TAPE

(NOT BY PANEL MANUFACTURER)

NOTE: INTERIOR VAPOR SEAL MAY BE REQUIRED IN COOLERS.

PROJECT DESIGNER RESPONSIBLE

FOR STATING REQUIREMENTS.

*FIELD APPLY $\frac{1}{4}$ " CONTINUOUS BEAD OF BUTYL SEALANT IN

INTERIOR FEMALE GROOVE BEFORE INSTALLING.

WARM SIDE ONLY

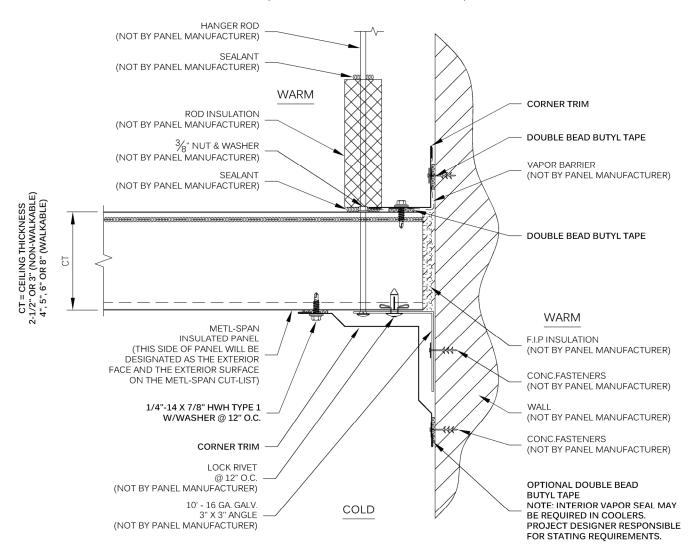
DATE

REV: 00

JUN '20







** IMPORTANT NOTES:

THIS DETAIL IS ONLY VALID WITH MAXIMUM 42" WIDE CEILING PANELS WITH A MINIMUM THICKNESS OF 2-1/2" OR 3" (NON-WALKABLE) OR 4", 5", 6" OR 8" (WALKABLE)

BRACING OF ROD MAY BE REQUIRED, DESIGNED AND SUPPLIED BY OTHERS (NOT BY PANEL MANUFACTURER).

ALL CEILING SUPPORT COMPONENTS AND PANELS MUST BE INSTALLED COMPLETELY PRIOR TO ALLOWING ANY TRAFFIC ON CEILING.

REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

APPLICATION: COLD STORAGE

CEILING SUPPORT FREEZER OR COOLER

DRAWING NO:

CS-CG-10

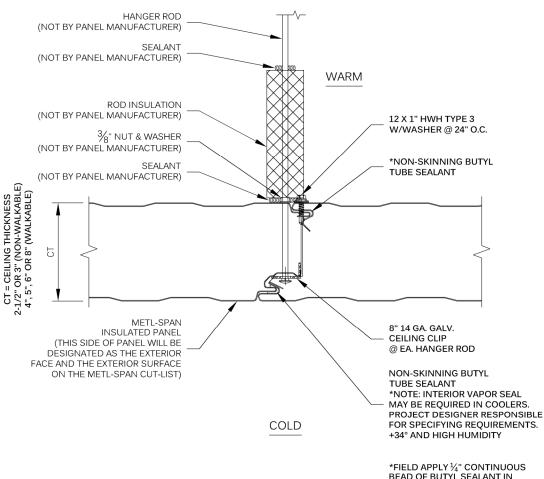
DATE

REV:

JUN '20



(SPACE ABOVE CEILING MUST BE VENTILATED)



*FIELD APPLY ½" CONTINUOUS BEAD OF BUTYL SEALANT IN INTERIOR FEMALE GROOVE BEFORE INSTALLING. ***WARM SIDE ONLY***

** IMPORTANT NOTES:

THIS DETAIL MUST BE USED WITH DETAIL CS-CG-12. INTERMEDIATE ATTACHMENT IS REQUIRED.

THIS DETAIL IS ONLY VALID WITH MAXIMUM 42" WIDE CEILING PANELS WITH A MINIMUM THICKNESS OF 2-1/2" OR 3" (NON-WALKABLE) OR 4", 5", 6" OR 8" (WALKABLE)

BRACING OF ROD MAY BE REQUIRED, DESIGNED AND SUPPLIED BY OTHERS (NOT BY PANEL MANUFACTURER).

ALL CEILING SUPPORT COMPONENTS AND PANELS MUST BE INSTALLED COMPLETELY PRIOR TO ALLOWING ANY TRAFFIC ON CEILING.

REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

APPLICATION: COLD STORAGE

CEILING SUPPORT 8" S-CLIP TO HANGER ROD FREEZER OR COOLER DRAWING NO:

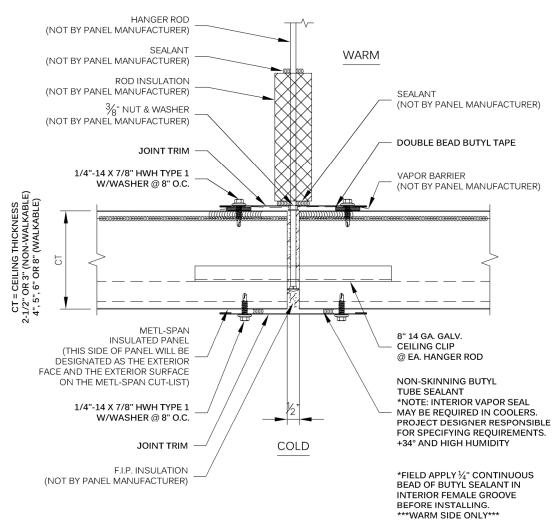
CS-CG-11

DATE:

JUN '20







IMPORTANT NOTES:

THIS DETAIL MUST BE USED WITH DETAIL CS-CG-11. INTERMEDIATE ATTACHMENT IS REQUIRED.

THIS DETAIL IS ONLY VALID WITH MAXIMUM 42" WIDE CEILING PANELS WITH A MINIMUM THICKNESS OF 2-1/2" OR 3" (NON-WALKABLE) OR 4", 5", 6" OR 8" (WALKABLE)

BRACING OF ROD MAY BE REQUIRED, DESIGNED AND SUPPLIED BY OTHERS (NOT BY PANEL MANUFACTURER).

ALL CEILING SUPPORT COMPONENTS AND PANELS MUST BE INSTALLED COMPLETELY PRIOR TO ALLOWING ANY TRAFFIC ON CEILING.

REFER TO SHEET "CS-INFO" FOR ADDITIONAL INFORMATION REGARDING THE APPLICATION OF SEALANTS, FASTENERS AND CLOSURE MATERIALS.

APPLICATION: COLD STORAGE

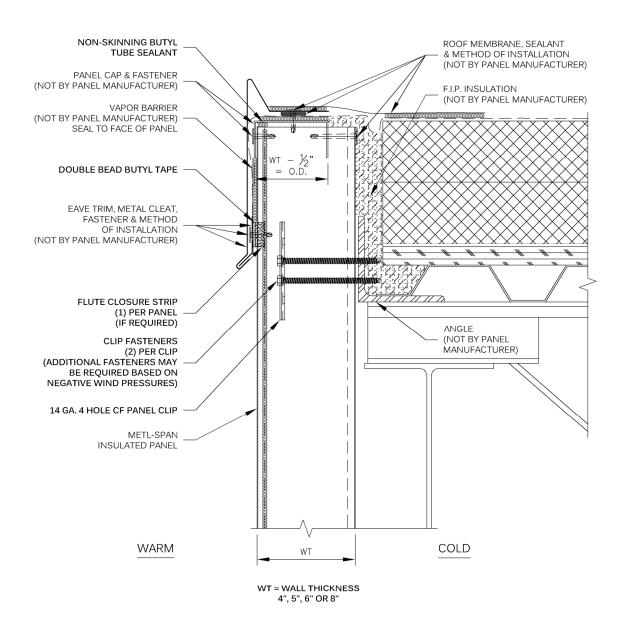
CEILING SUPPORT 8" S-CLIP @ BUTT JOINT FREEZER OR COOLER

DRAWING NO:

CS-CG-12

JUN '20





APPLICATION: COLD STORAGE

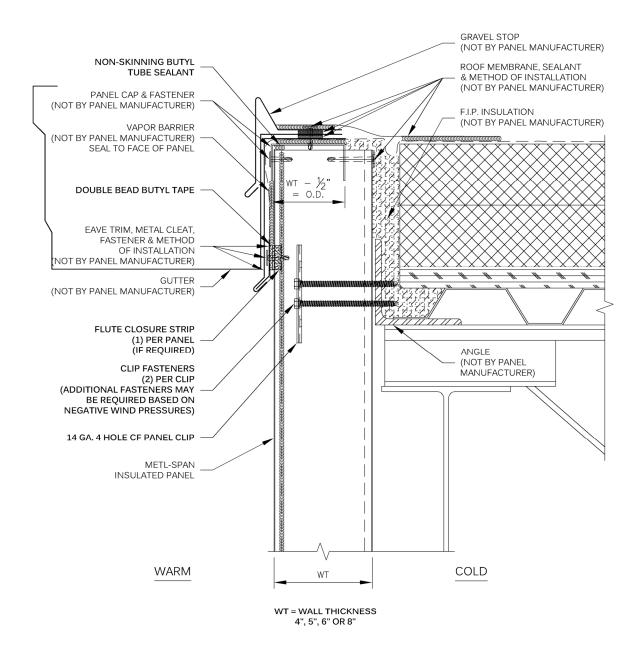
EAVE FREEZER OR COOLER DRAWING NO:

CS-EE-01

DATE:

JUN '20





APPLICATION: COLD STORAGE

EAVE W/GUTTER FREEZER OR COOLER

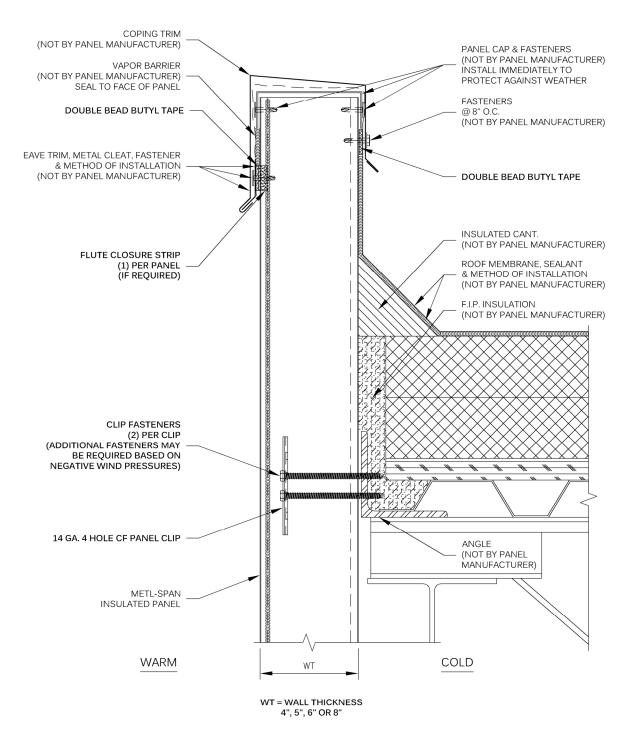
DRAWING NO:

CS-EE-02

DATE:

JUN '20





APPLICATION: COLD STORAGE

PARAPET FREEZER OR COOLER DRAWING NO:

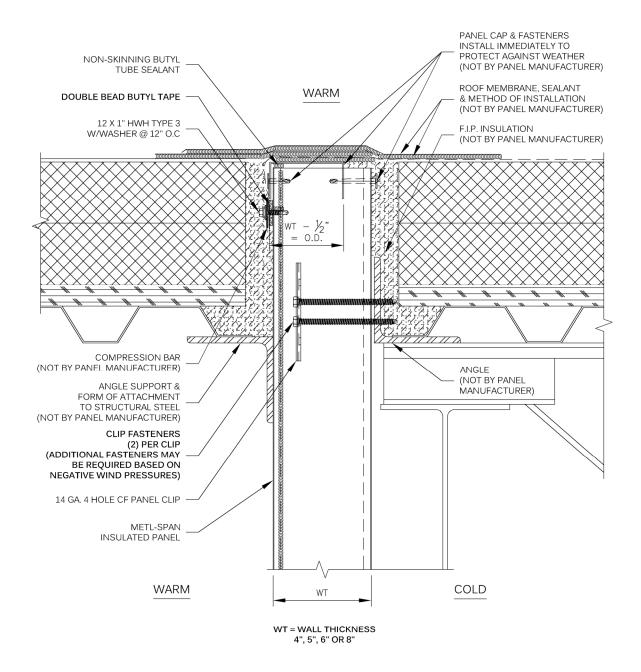
CS-PT-01

DATE:

REV:

JUN '20





APPLICATION: COLD STORAGE

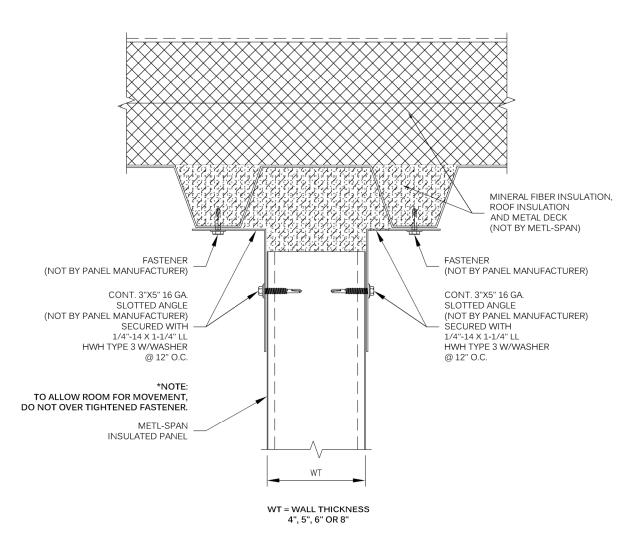
WALL TO ROOF FREEZER/COOLER COOLER/AMBIENT DRAWING NO:

CS-WR-01

DATE:

JUN '20





APPLICATION: COLD STORAGE

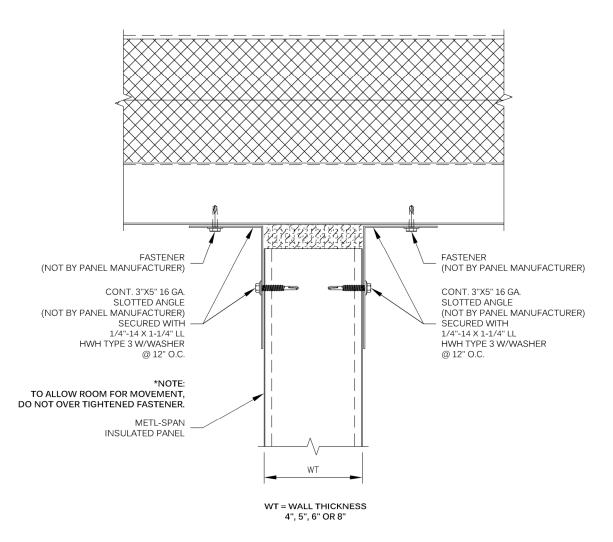
WALL TO ROOF COOLER/COOLER AMBIENT/AMBIENT DRAWING NO:

CS-WR-02

DATE:

JUN '20





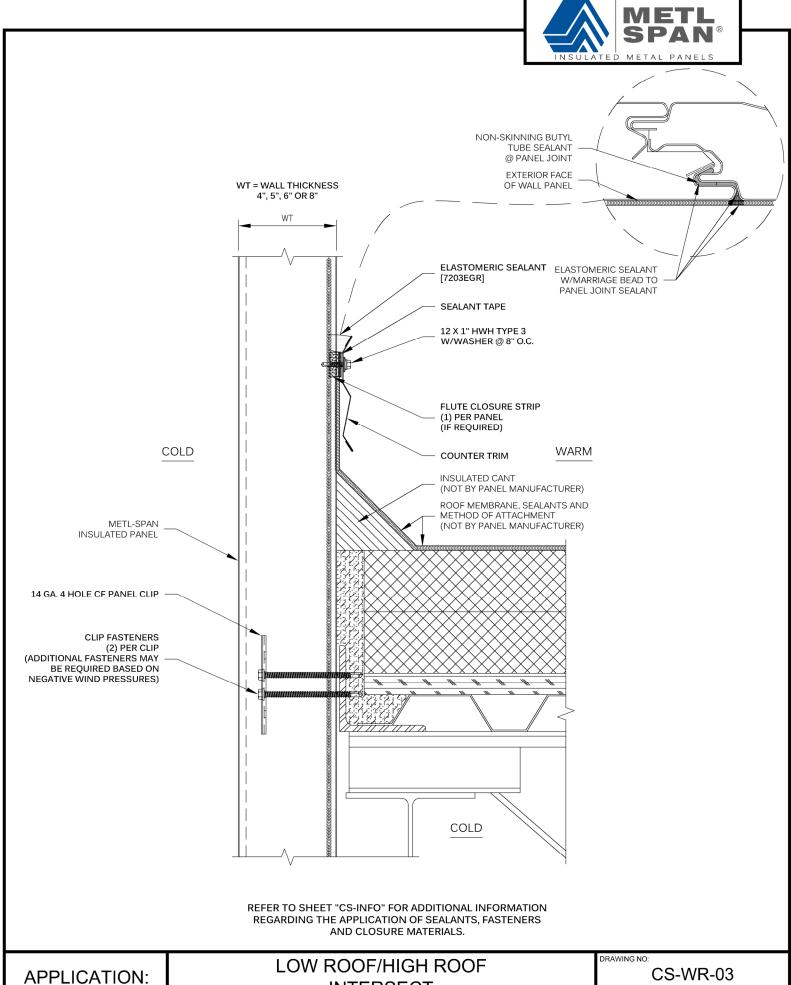
APPLICATION: COLD STORAGE

WALL TO ROOF COOLER/COOLER AMBIENT/AMBIENT DRAWING NO:

CS-WR-02A

DATE:

JUN '20

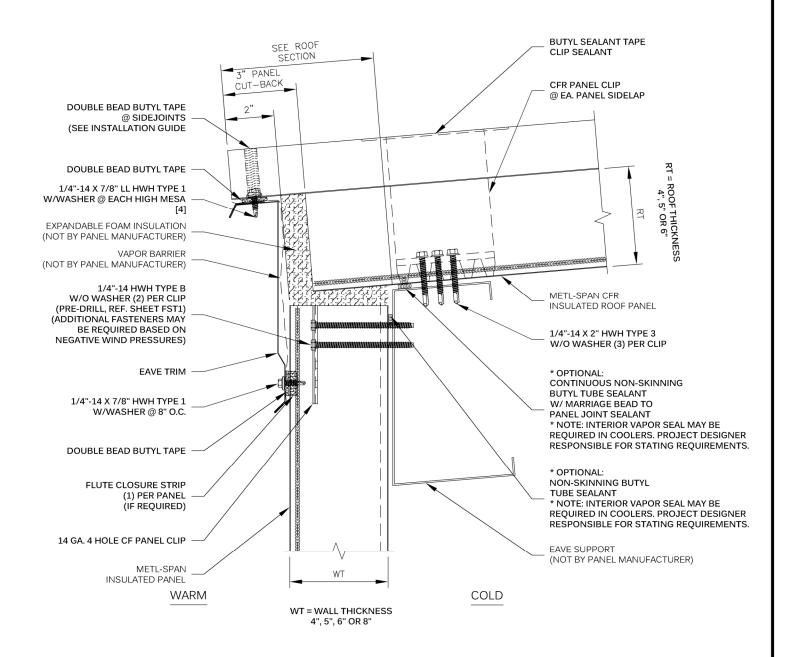


COLD STORAGE

INTERSECT FREEZER OR COOLER

JUN '20





APPLICATION: COLD STORAGE

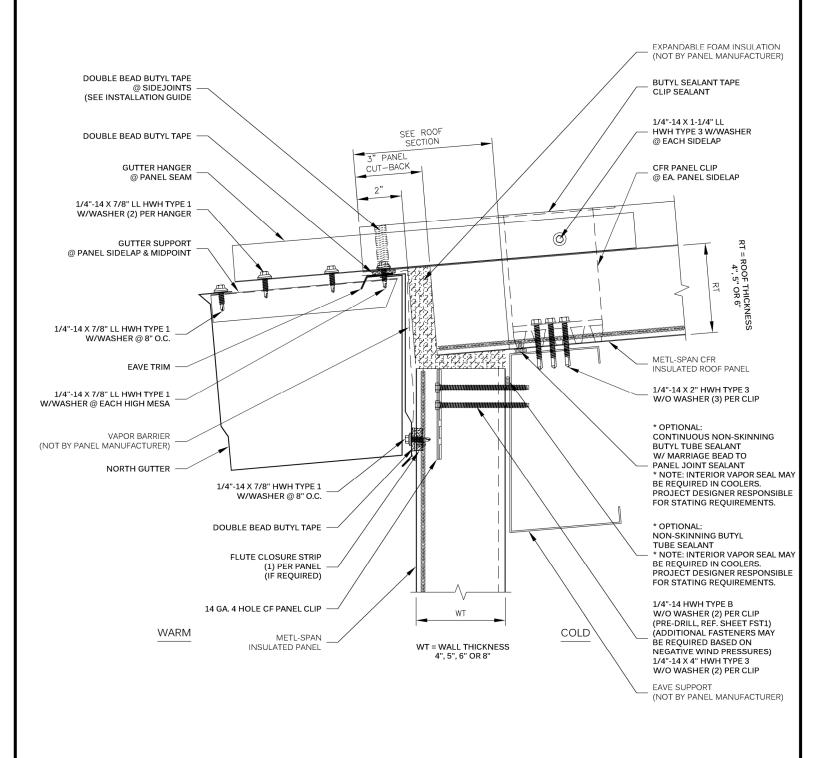
LOW EAVE FREEZER OR COOLER DRAWING NO:

CS-CFR-EV-01

DATE:

JUN '20





APPLICATION: COLD STORAGE

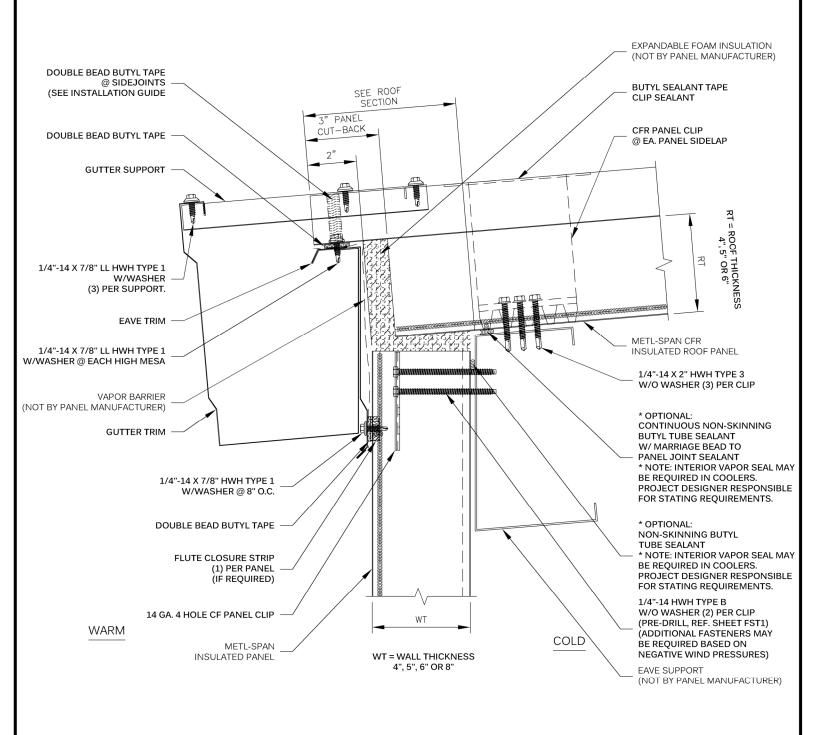
LOW ROOF/HIGH ROOF INTERSECT FREEZER OR COOLER RAWING NO:

CS-CFR-EV-G1

DATE:

JUN '20





APPLICATION: COLD STORAGE

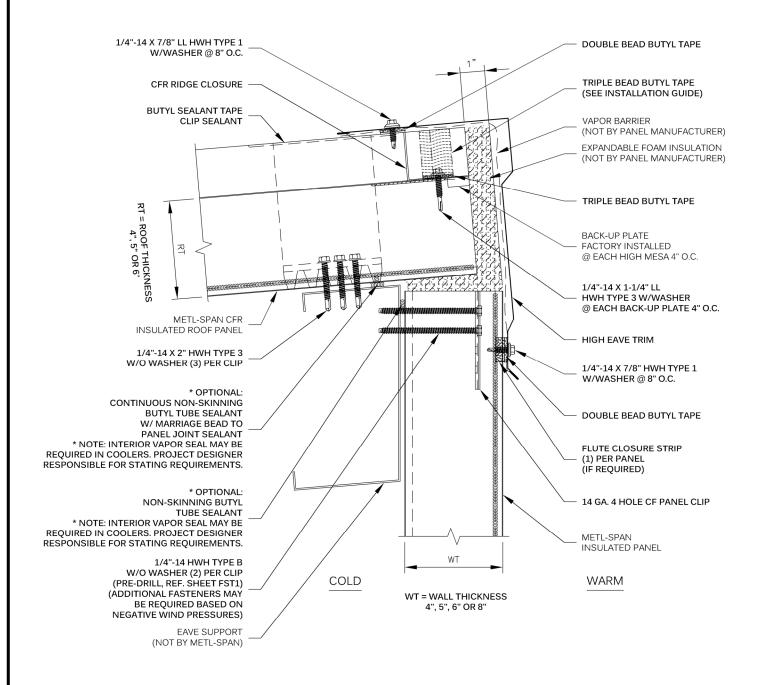
LOW EAVE WITH STANDARD GUTTER FREEZER OR COOLER RAWING NO:

CS-CFR-EV-G3

DATE:

JUN '20





APPLICATION: COLD STORAGE

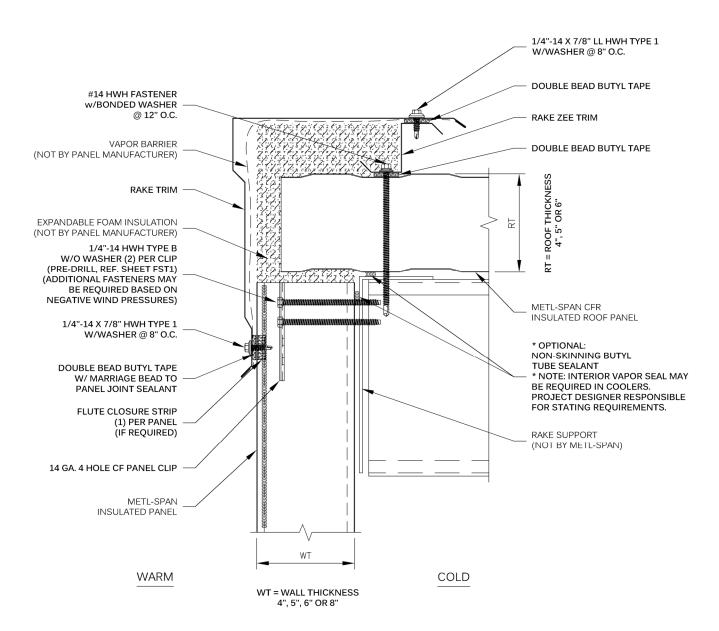
HIGH EAVE FREEZER OR COOLER DRAWING NO:

CS-CFR-EV-02

DATE:

JUN '20





APPLICATION: COLD STORAGE

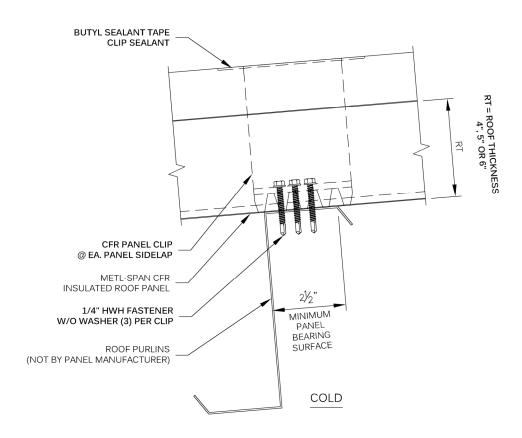
RAKE WITH HIGH PROFILE TRIM FREEZER OR COOLER RAWING NO:

CS-CFR-RK-01

DATE:

JUN '20





APPLICATION: COLD STORAGE

INTERMEDIATE ATTACHMENT FREEZER OR COOLER

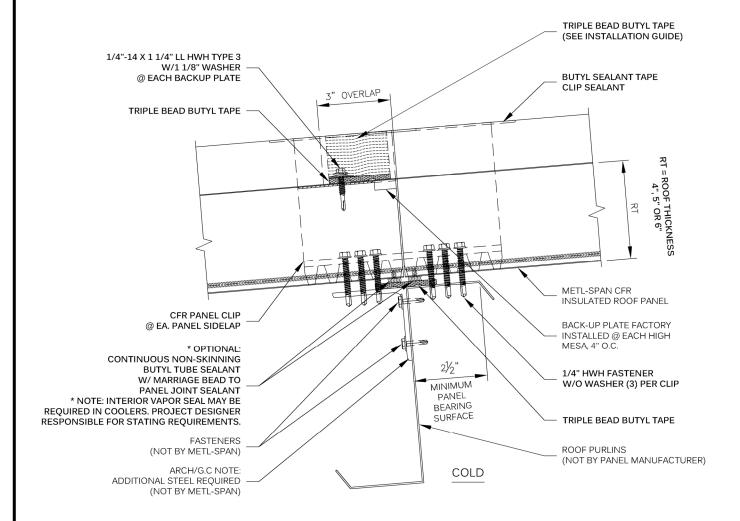
DRAWING NO:

CS-CFR-AT-01

DATE:

JUN '20





APPLICATION: COLD STORAGE

ENDLAP ATTACHMENT FREEZER OR COOLER

RAWING NO:

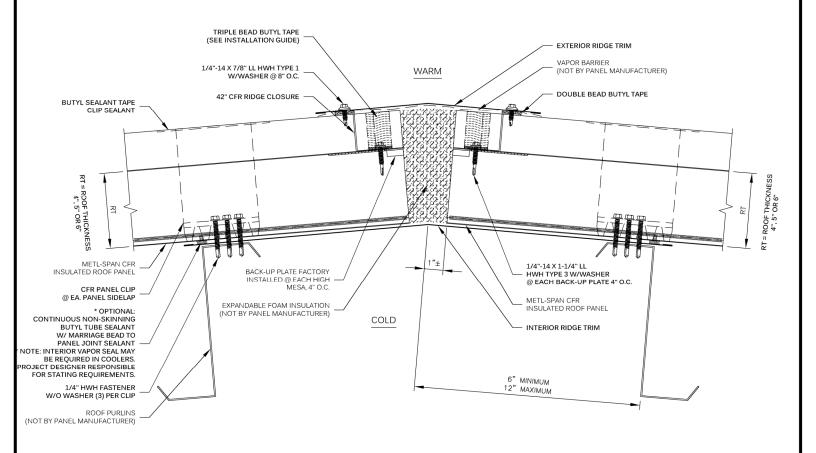
CS-CFR-EL-01

DATE:

'20

JUN '20





APPLICATION: COLD STORAGE

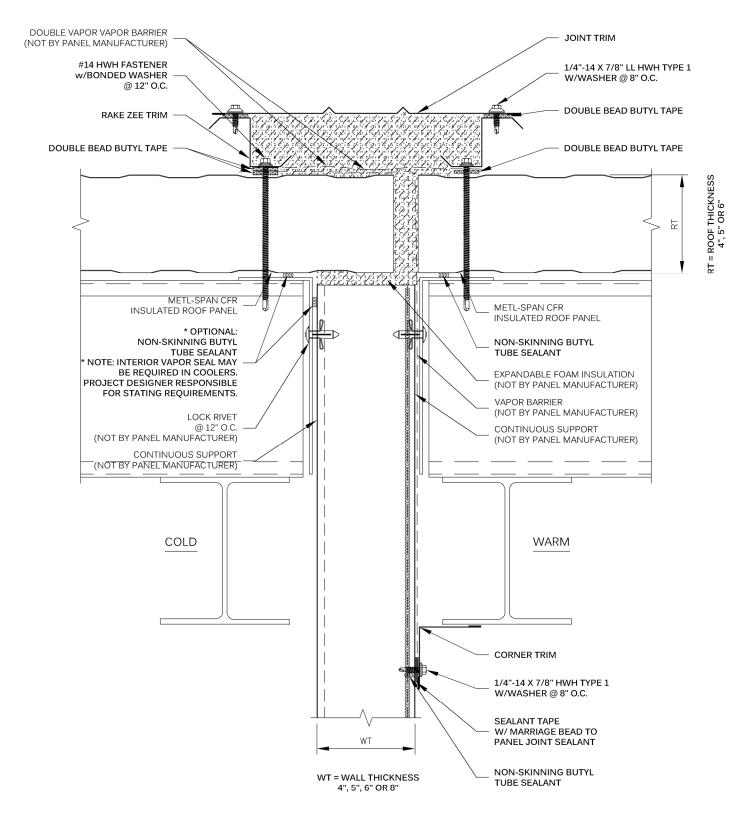
RIDGE FREEZER OR COOLER DRAWING NO:

CS-CFR-RG-01

DATE:

JUN '20





APPLICATION: COLD STORAGE

ROOF TRANSITION FREEZER OR COOLER

DRAWING NO

CS-CFR-TR-09

DATE:

JUN '20