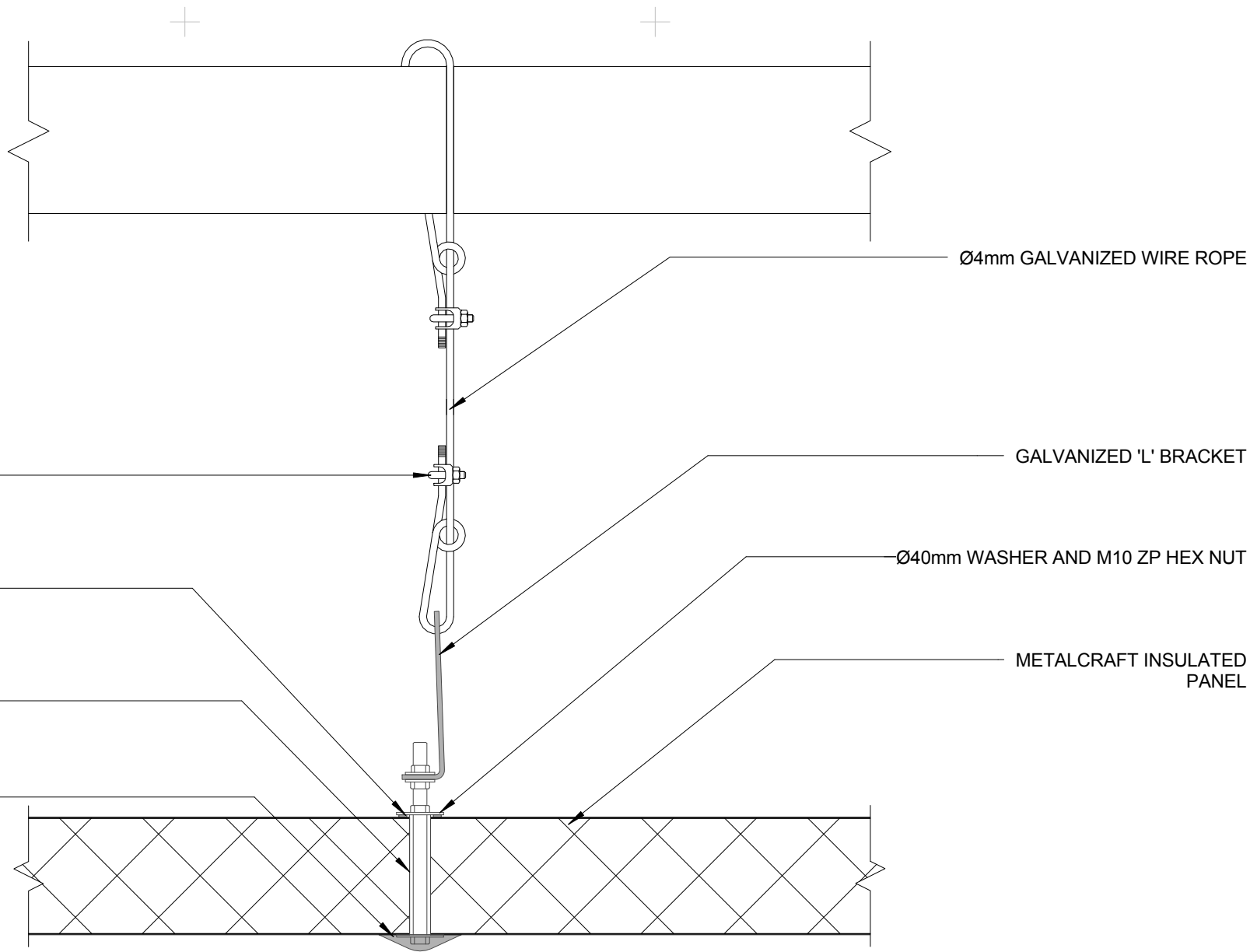


Thermopanel EPS

CONTROLLED ENVIRONMENT

DETAIL LIST

00 / 20	COVER SHEET
01 / 20	CEILING SUSPENSION 01
02 / 20	CEILING SUSPENSION 02
03 / 20	FREEZER FLOOR 01
04 / 20	FREEZER FLOOR 02
05 / 20	FREEZER FLOOR 03
06 / 20	PROCESS FLOOR 01
07 / 20	PROCESS FLOOR 02
08 / 20	PROCESS FLOOR 03
09 / 20	PARTITION 01
10 / 20	GIRT 01
11 / 20	GIRT 02
12 / 20	GIRT 03
13 / 20	VERTICAL CORNER COOLROOM 01
14 / 20	ROOF TO WALL COOLROOM / FREEZER 01
15 / 20	COOLROOM / FREEZER CONNECTION 01
16 / 20	FREEZER PARTITION 01
17 / 20	COOLROOM / FREEZER CEILING DETAIL 01
18 / 20	CEILING TO WALL DETAIL 01
19 / 20	TYPICAL WALL JOINT FREEZER / COOLROOM 01
20 / 20	PANEL PROFILES AND SIZES



GRIPPLE HANG FAST WIRE GRIP OR OTHER

FIRE RESISTANT SEALANT

1/2" PVC SPACER TUBE

Ø76mm NYLON MUSHROOM HEAD

Ø4mm GALVANIZED WIRE ROPE

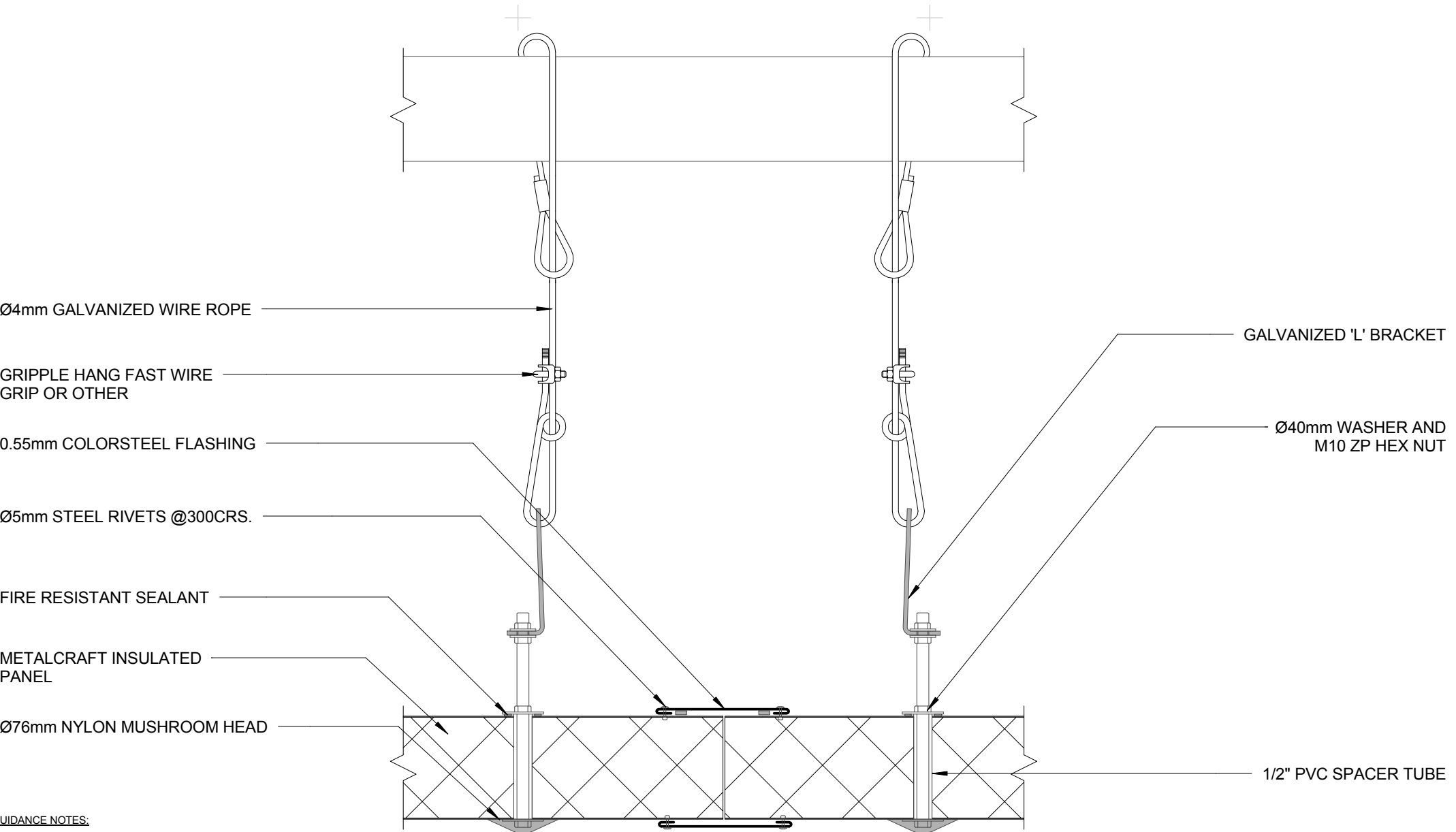
GALVANIZED 'L' BRACKET

Ø40mm WASHER AND M10 ZP HEX NUT

METALCRAFT INSULATED PANEL

- GUIDANCE NOTES:**
1. WHEN STANDARD INSTALLATION OF PANELS IS SUFFICIENT THEN THE STEEL FLASHINGS CAN BE REPLACED WITH ALUMINIUM
 2. ORDINARY SEALANT MAYBE USED FOR STANDARD INSTALLATIONS

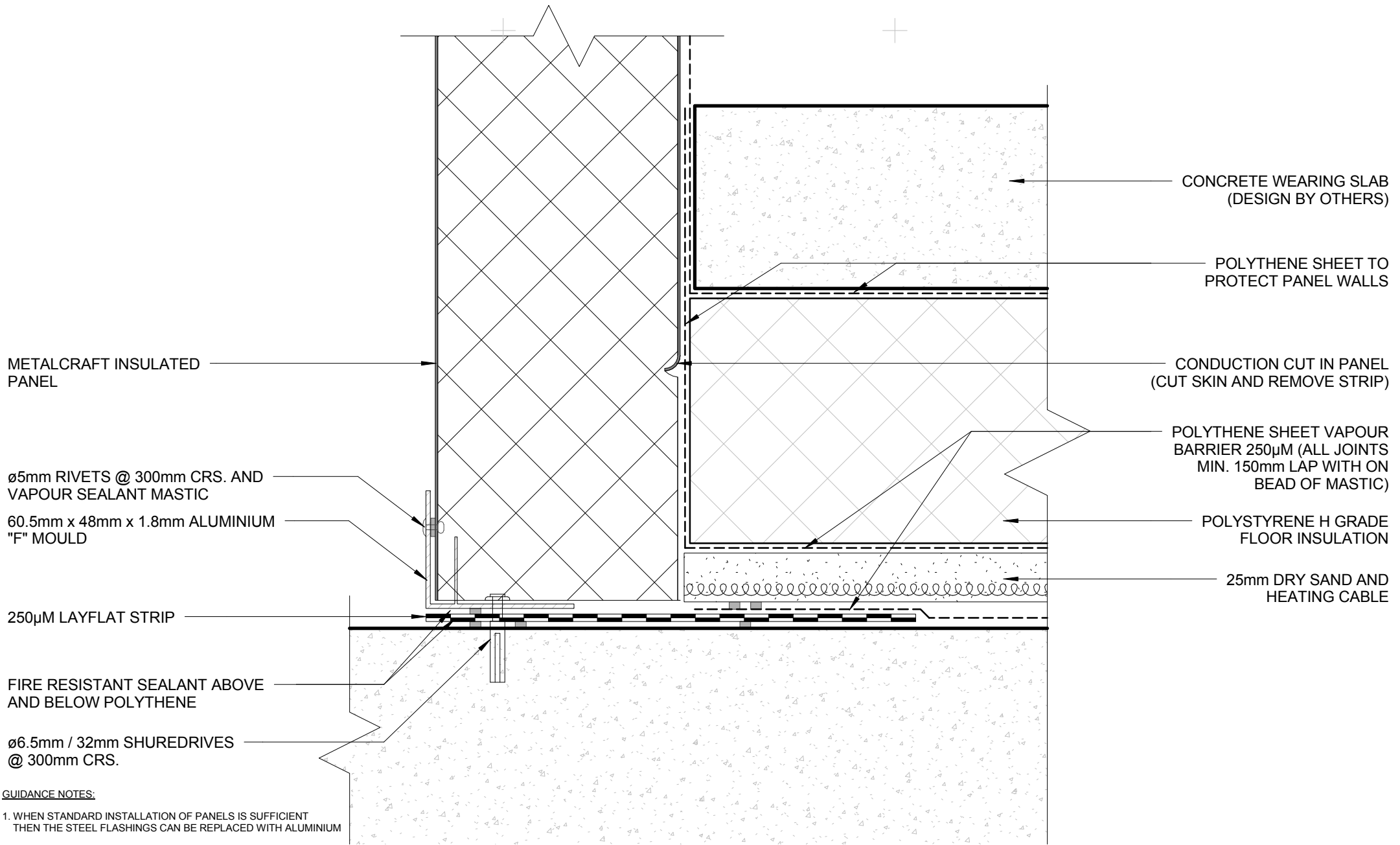
DISCLAIMER:
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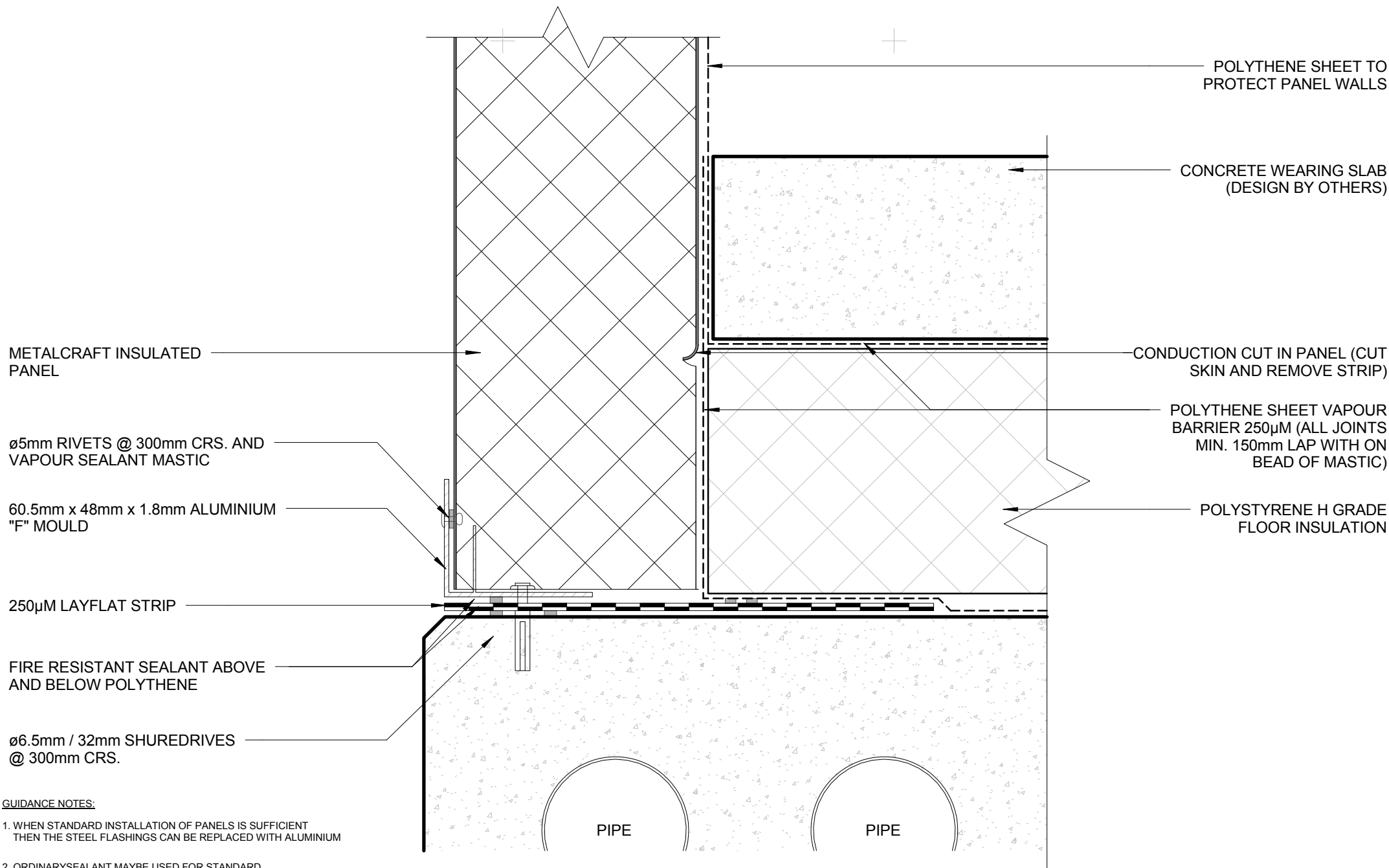
GUIDANCE NOTES:

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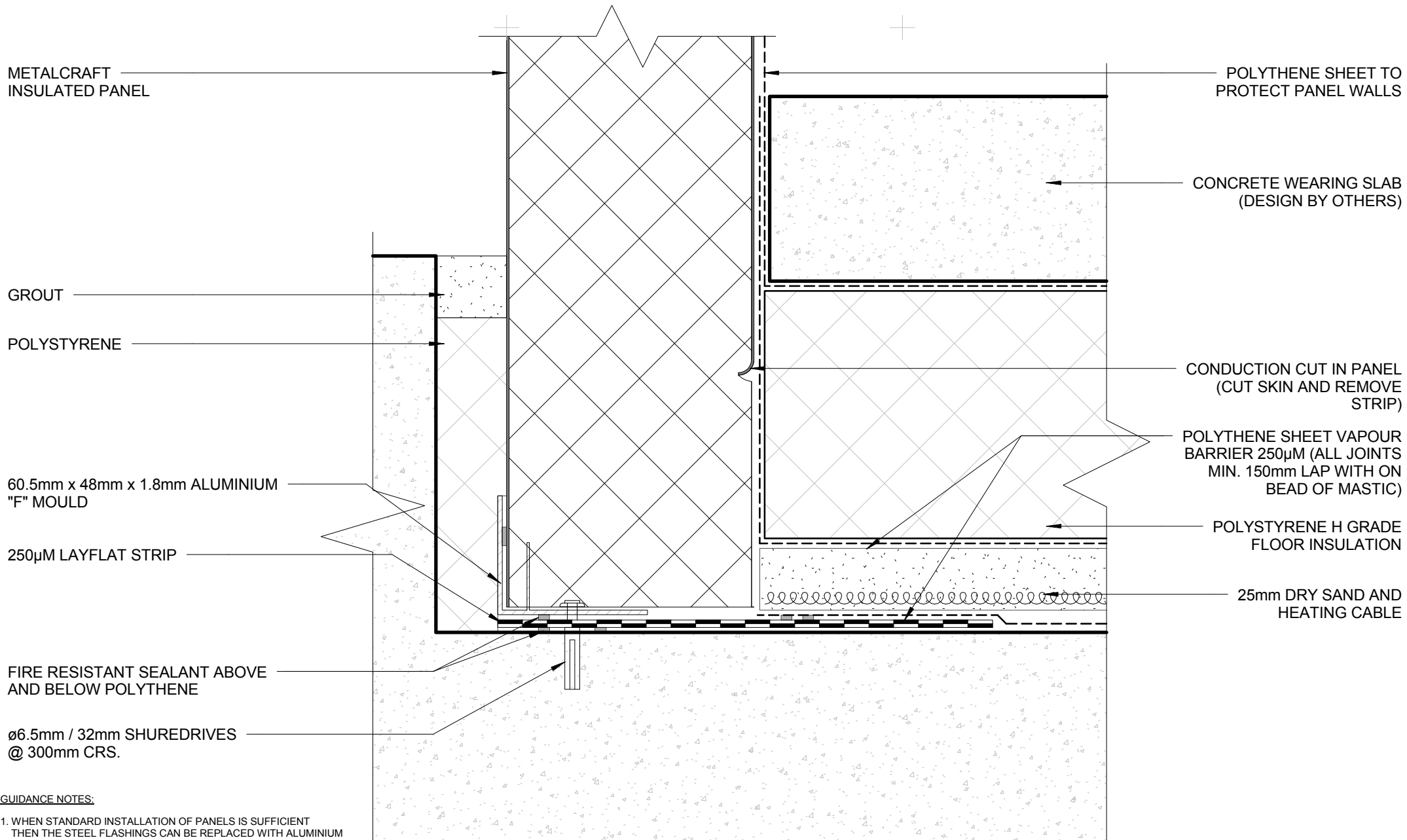
FREEZER FLOOR 01
CONTROLLED ENVIRONMENT



GUIDANCE NOTES:

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Thermopanel EPS

FREEZER FLOOR 03
CONTROLLED ENVIRONMENT

Metalcraft
 Insulated Panel Systems

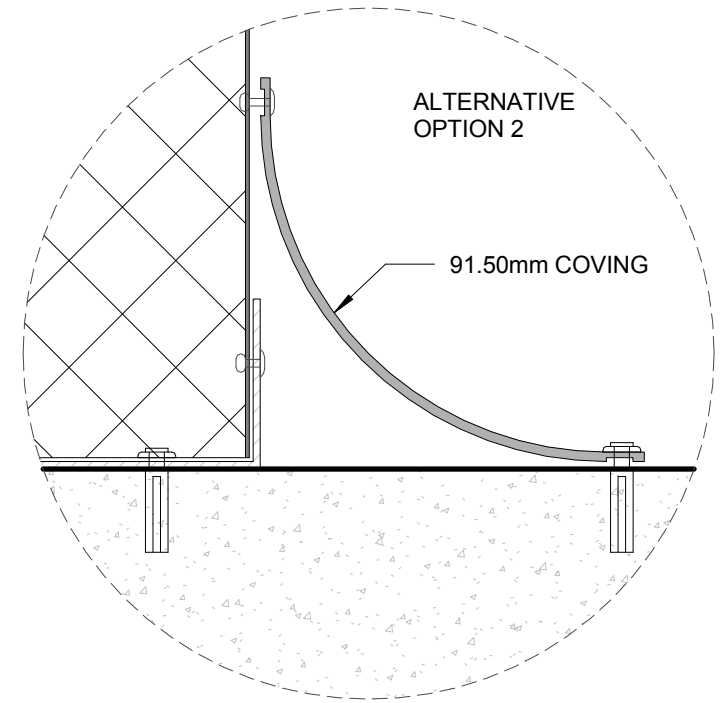
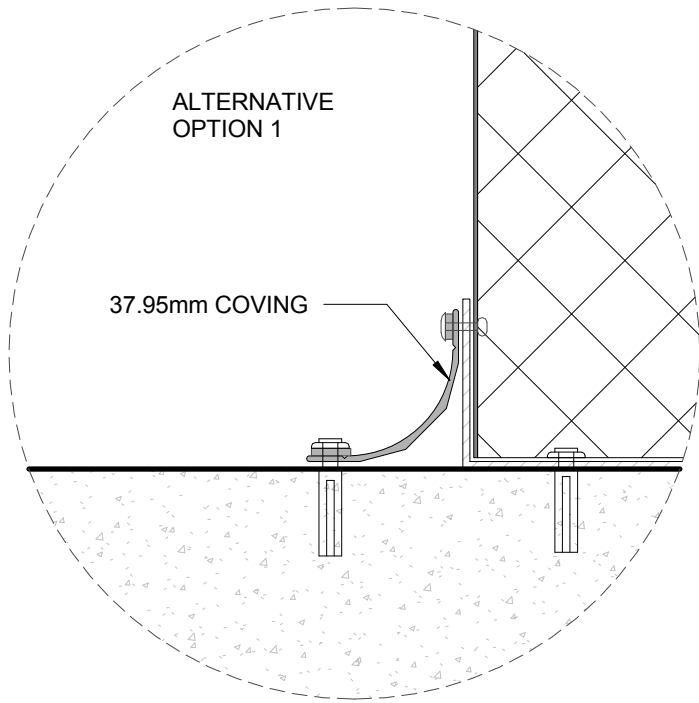
Reference TPEPS

Date 30.08.2016

Scale 1 : 2

Sheet

05 / 20



Ø5mm/16mm RIVETS @
300mm CRS WITH FIRE
RESISTANT SEALANT

ALUMINIUM COVE BASE

F.F.L.

ø6.5mm / 32mm SHUREDRIVES
@ 300mm CRS.

METALCRAFT INSULATED
PANEL WALL

GUIDANCE NOTES:

1. WHEN STANDARD INSTALLATION OF PANELS IS SUFFICIENT THEN THE STEEL FLASHINGS CAN BE REPLACED WITH ALUMINIUM
2. ORDINARY SEALANT MAYBE USED FOR STANDARD INSTALLATIONS

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METALCRAFT INSULATED
PANEL WALL

ø5mm RIVETS @ 300mm CRS.
WITH FIRE RESISTANT SEALANT

ALUMINIUM CHANNEL

ø6.5mm / 32mm SHUREDRIVES
@ 300mm CRS.

ø5mm RIVETS @ 300mm
CRS.

CONCRETE PLINTH

F.F.L.

GUIDANCE NOTES:

1. WHEN STANDARD INSTALLATION OF PANELS IS SUFFICIENT
THEN THE STEEL FLASHINGS CAN BE REPLACED WITH ALUMINIUM

2. ORDINARY SEALANT MAYBE USED FOR STANDARD
INSTALLATIONS

DISCLAIMER:
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mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding.

Metalcraft
Insulated Panel Systems

Thermopanel EPS

Reference TPEPS

Date 30.08.2016

Scale 1 : 2

Sheet

PROCESS FLOOR 02
CONTROLLED ENVIRONMENT

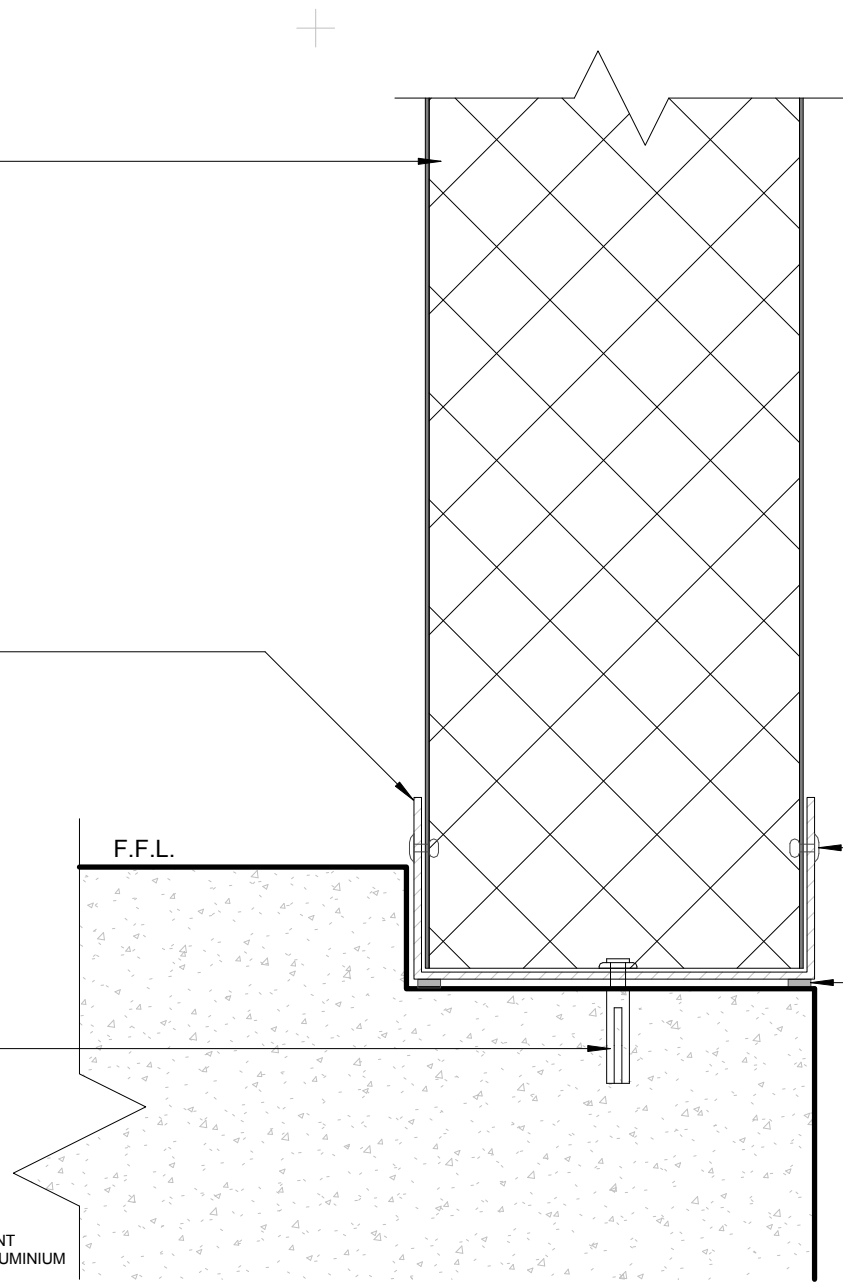
07 / 20

METALCRAFT INSULATED
PANEL WALL

ALUMINIUM CHANNEL

ø6.5mm / 32mm SHUREDRIVES
@ 300mm CRS.

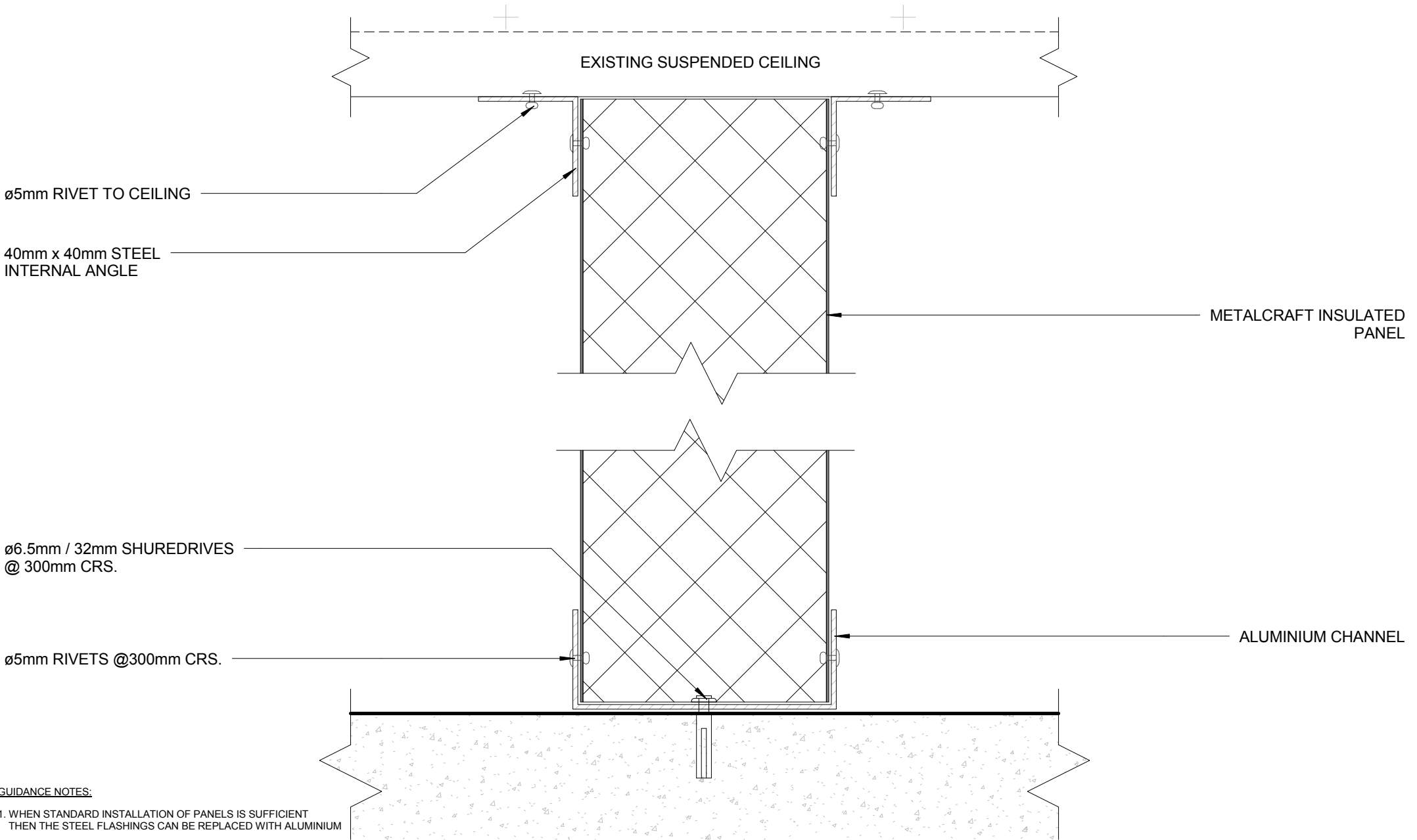
- GUIDANCE NOTES:**
1. WHEN STANDARD INSTALLATION OF PANELS IS SUFFICIENT THEN THE STEEL FLASHINGS CAN BE REPLACED WITH ALUMINIUM
 2. ORDINARY SEALANT MAYBE USED FOR STANDARD INSTALLATIONS



ø5mm RIVETS @ 300mm CRS.

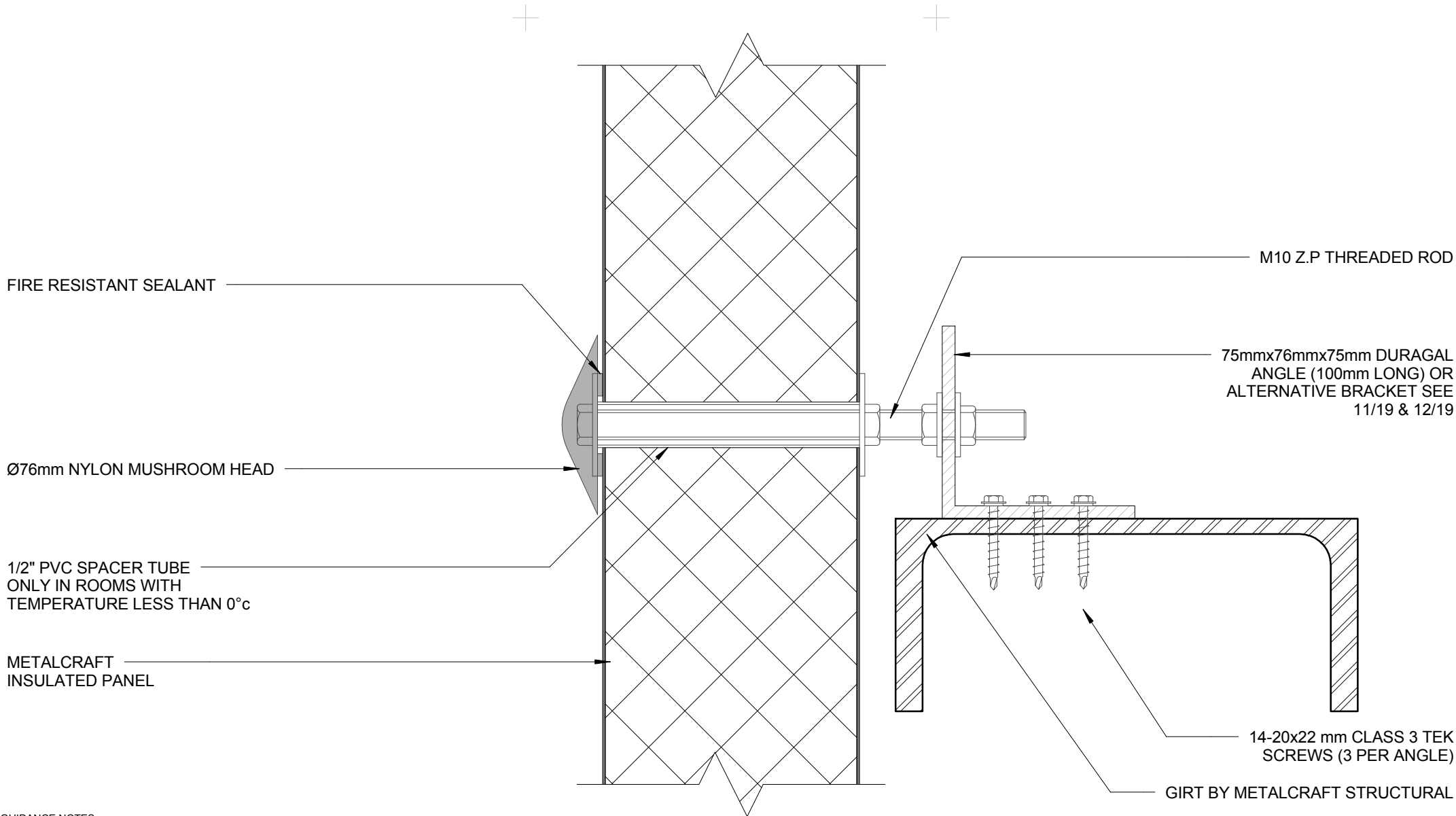
FIRE RESISTANT SEALANT

PROCESS FLOOR 03
CONTROLLED ENVIRONMENT



- GUIDANCE NOTES:**
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GUIDANCE NOTES:

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1/2" PVC SPACER TUBE

FIRE RESISTANT SEALANT
ONLY IN ROOMS WITH
TEMPERATURE LESS THAN 0°C

Ø76mm NYLON MUSHROOM HEAD

METALCRAFT INSULATED
PANEL WALL

75 x 5mm DURAGAL
STEEL BRACKET

GIRT BY METALCRAFT
STRUCTURAL

M10 Z.P THREADED ROD

Ø40mm STEEL WASHER

GUIDANCE NOTES:

1. WHEN STANDARD INSTALLATION OF PANELS IS SUFFICIENT
THEN THE STEEL FLASHINGS CAN BE REPLACED WITH ALUMINIUM

2. ORDINARY SEALANT MAYBE USED FOR STANDARD
INSTALLATIONS

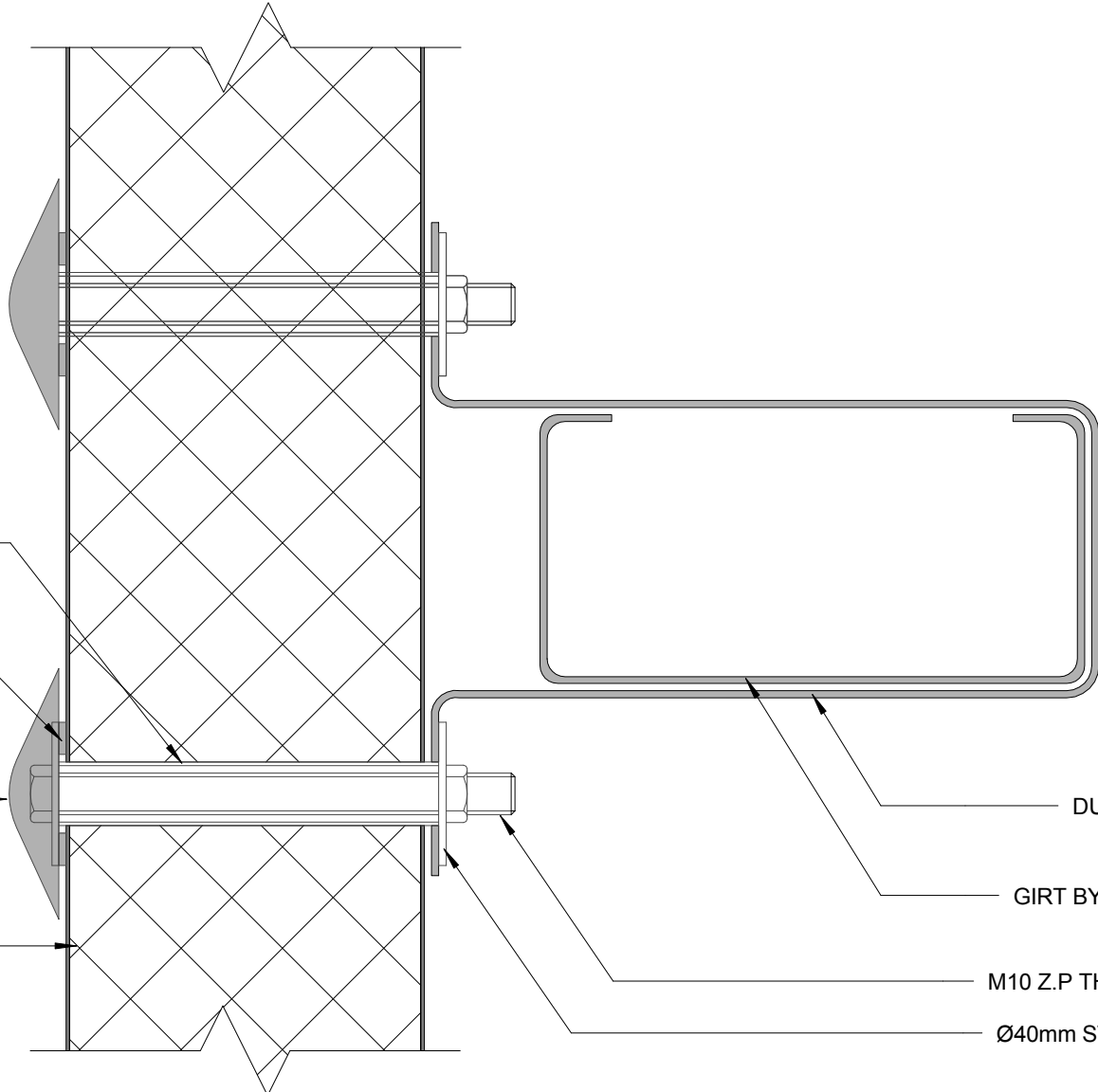
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1/2" PVC SPACER TUBE
ONLY IN ROOMS WITH
TEMPERATURE LESS THAN 0°C

FIRE RESISTANT SEALANT

Ø76mm NYLON MUSHROOM HEAD

METALCRAFT INSULATED
PANEL WALL



DURAGAL STEEL
BRACKET

GIRT BY METALCRAFT
STRUCTURAL

M10 Z.P. THREADED ROD

Ø40mm STEEL WASHER

GUIDANCE NOTES:

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2. ORDINARY SEALANT MAYBE USED FOR STANDARD
INSTALLATIONS

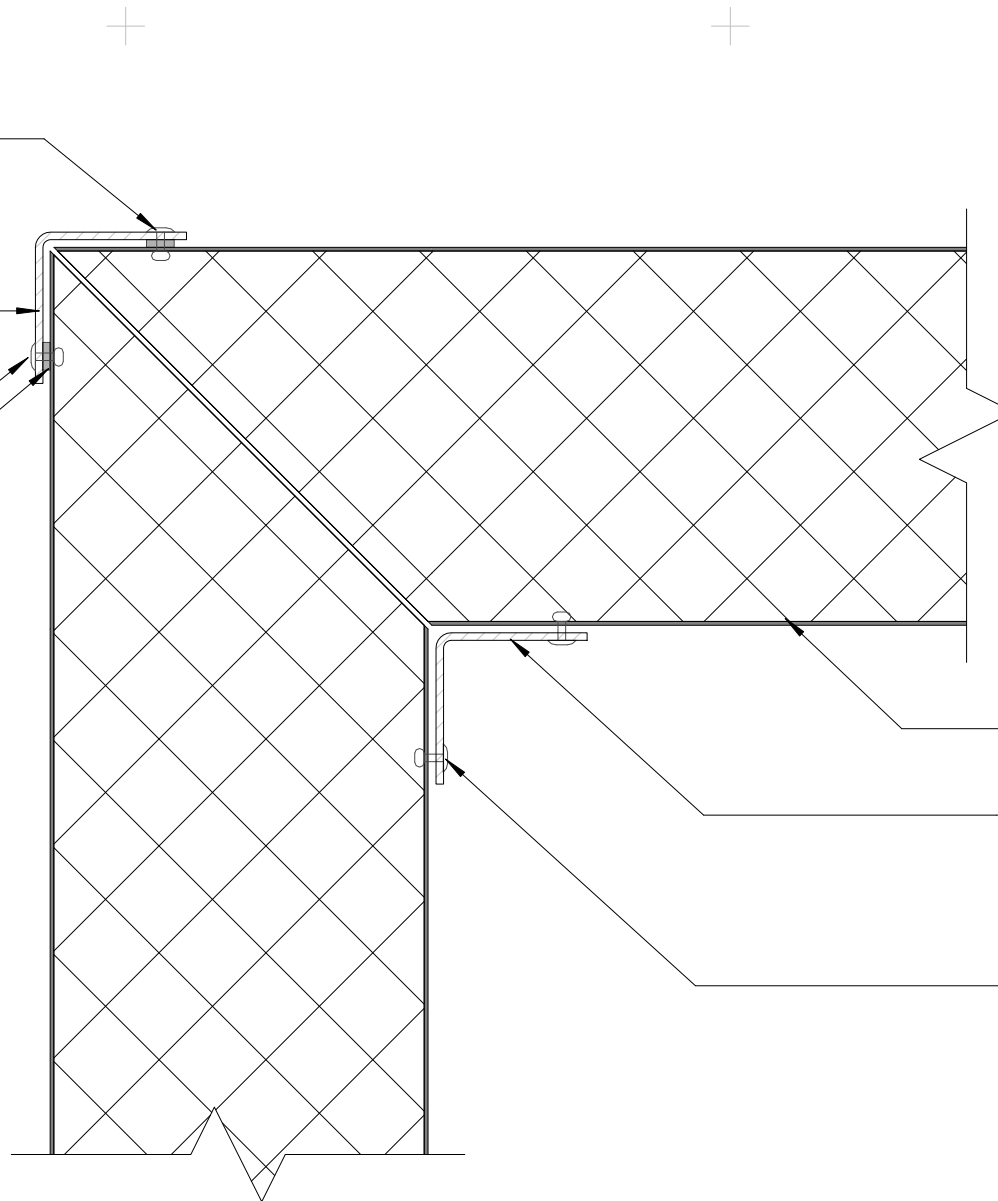
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Ø5mm RIVETS @ 300mm CRS

40mm x 40mm 0.55mm MIN.
FOLDED GALVANIZED
STEEL ANGLE

Ø5mm RIVETS @ 300mm CRS.
WITH SEALANT

FIRE RESISTANT SEALANT



METALCRAFT INSULATED
PANEL WALL

40mm x 40mm 0.55mm MIN. FOLDED
GALVANIZED STEEL ANGLE NO SEALANT

Ø5mm RIVETS @ 300mm CRS.

GUIDANCE NOTES:

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Metalcraft
Insulated Panel Systems

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Thermopanel EPS

VERTICAL CORNER COOLROOM 01
CONTROLLED ENVIRONMENT

Reference TPEPS

Date 30.08.2016

Scale 1 : 2

Sheet

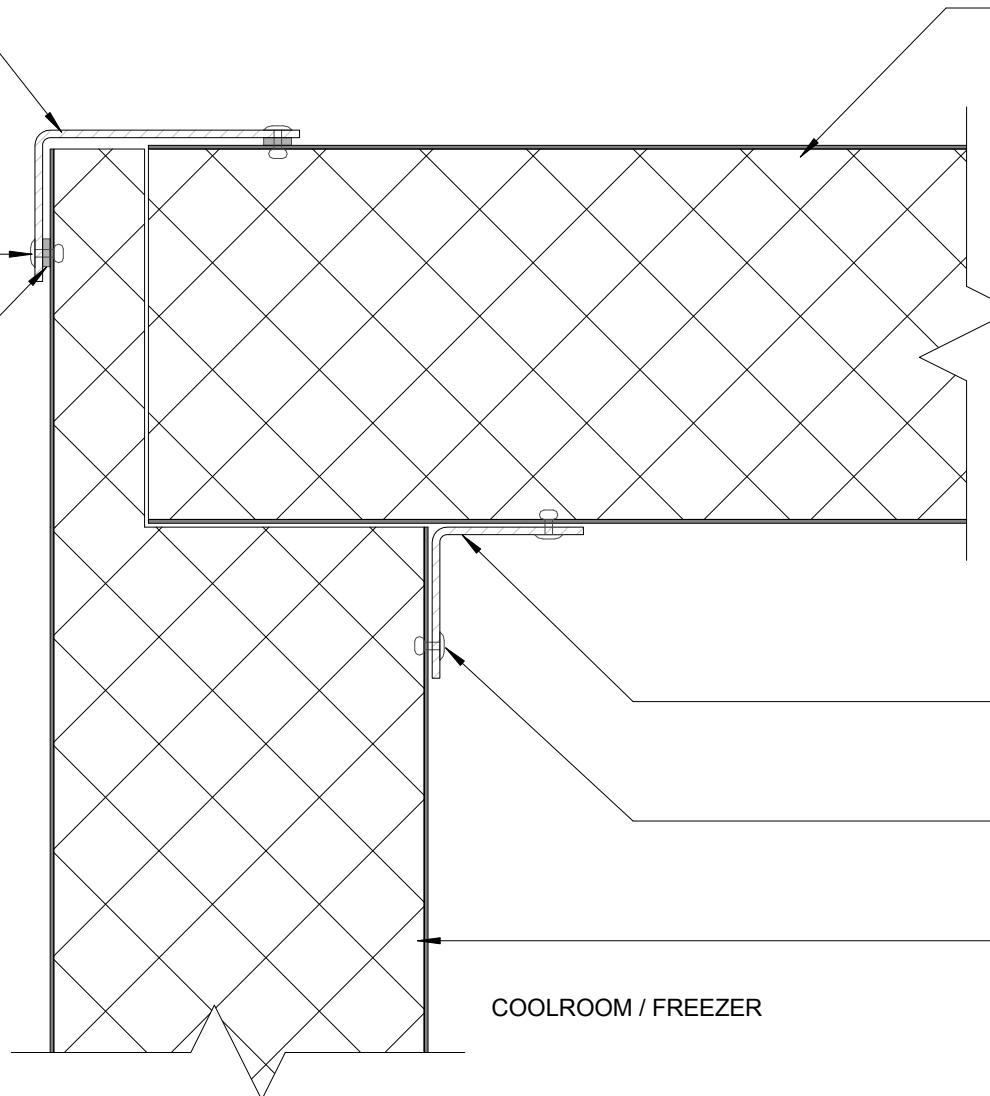
13 / 20

70mm x 40mm 0.55mm MIN. FOLDED GALVANIZED STEEL ANGLE

Ø5mm STEEL RIVETS @ 300mm CRS WITH SEALANT.

FIRE SEALANT SEALANT

METALCRAFT INSULATED PANEL CEILING



40mm x 40mm 0.55mm MIN. FOLDED GALVANIZED STEEL ANGLE

Ø5mm RIVETS @ 300mm CRS.

METALCRAFT INSULATED PANEL WALL

COOLROOM / FREEZER

GUIDANCE NOTES:

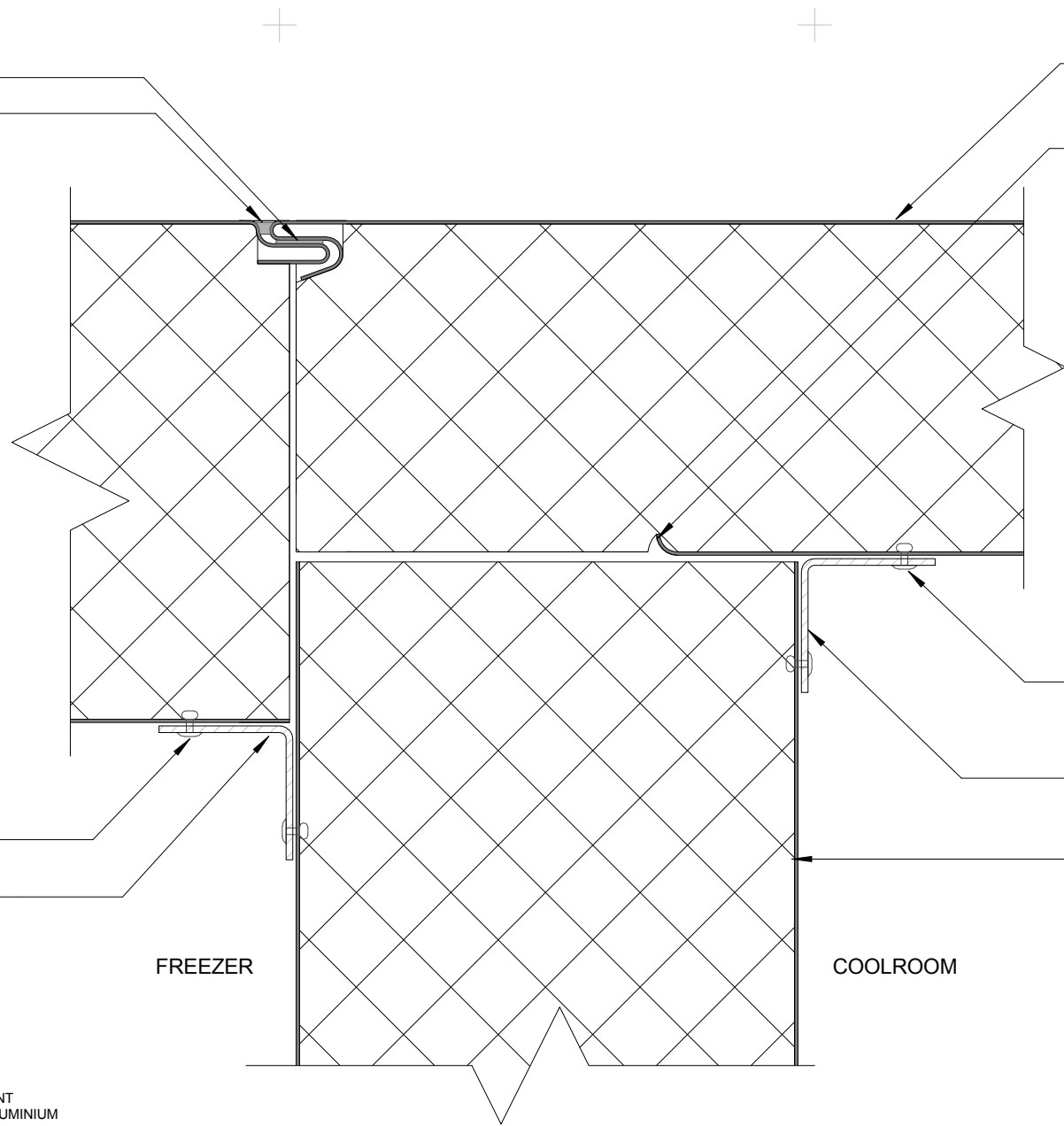
1. WHEN STANDARD INSTALLATION OF PANELS IS SUFFICIENT THEN THE STEEL FLASHINGS CAN BE REPLACED WITH ALUMINIUM
2. ORDINARY SEALANT MAY BE USED FOR STANDARD INSTALLATIONS

FIRE RESISTANT SEALANT
COOLROOM SEALANT

METALCRAFT INSULATED
PANEL CEILING
CONDUCTION CUT IN PANEL
(CUT SKIN AND REMOVE STRIP)

Ø5mm RIVETS @ 300mm CRS
40mm x 40mm 0.55mm MIN. FOLDED
GALVANIZED STEEL ANGLE

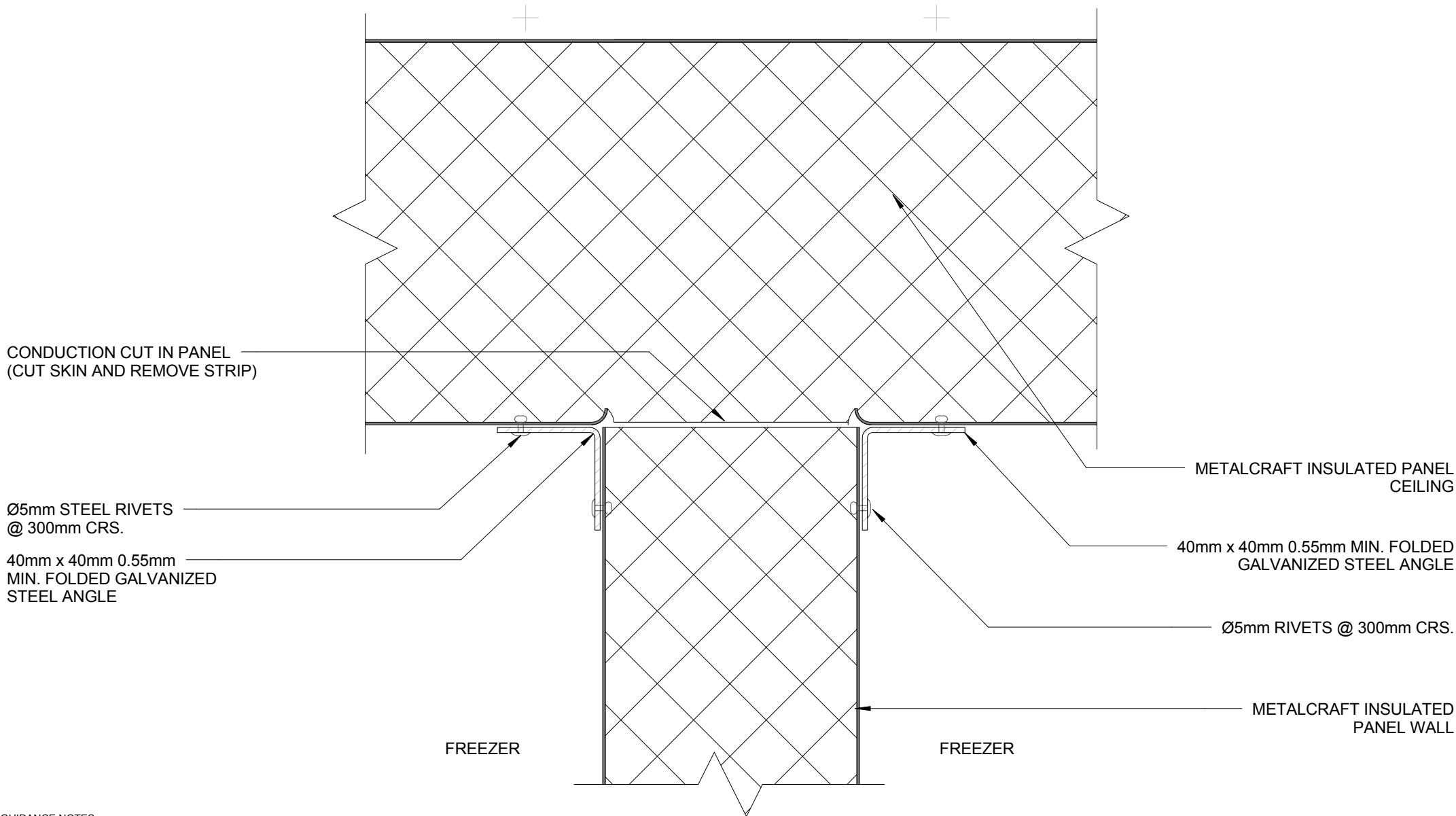
Ø5mm STEEL RIVETS @
300mm CRS
40mm x 40mm 0.55mm MIN. FOLDED
GALVANIZED STEEL ANGLE
METALCRAFT INSULATED
PANEL WALL



- GUIDANCE NOTES:**
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COOLROOM / FREEZER CONNECTION 01
CONTROLLED ENVIRONMENT



CONDUCTION CUT IN PANEL
(CUT SKIN AND REMOVE STRIP)

Ø5mm STEEL RIVETS
@ 300mm CRS.

40mm x 40mm 0.55mm
MIN. FOLDED GALVANIZED
STEEL ANGLE

METALCRAFT INSULATED PANEL
CEILING

40mm x 40mm 0.55mm MIN. FOLDED
GALVANIZED STEEL ANGLE

Ø5mm RIVETS @ 300mm CRS.

METALCRAFT INSULATED
PANEL WALL

FREEZER

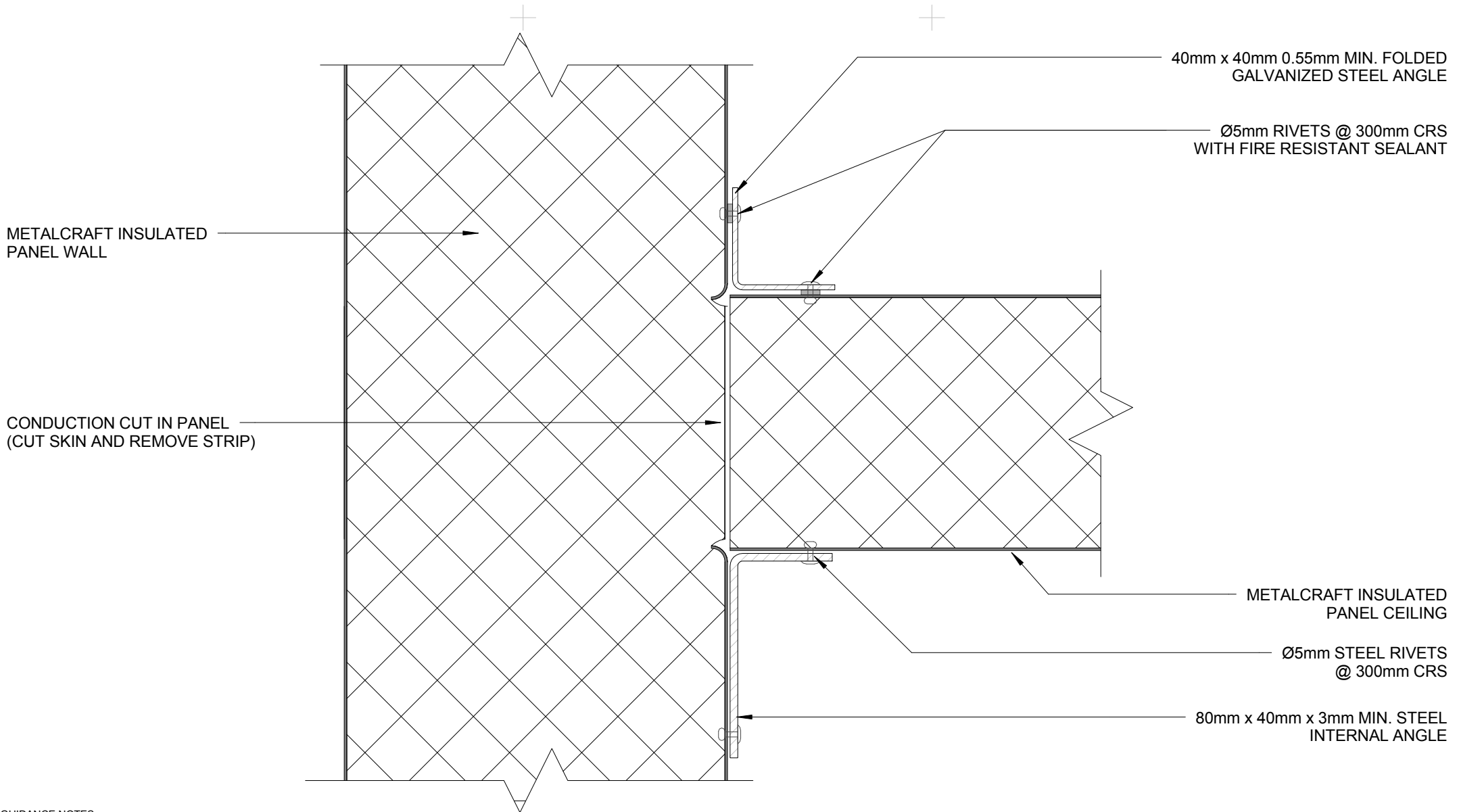
FREEZER

GUIDANCE NOTES:

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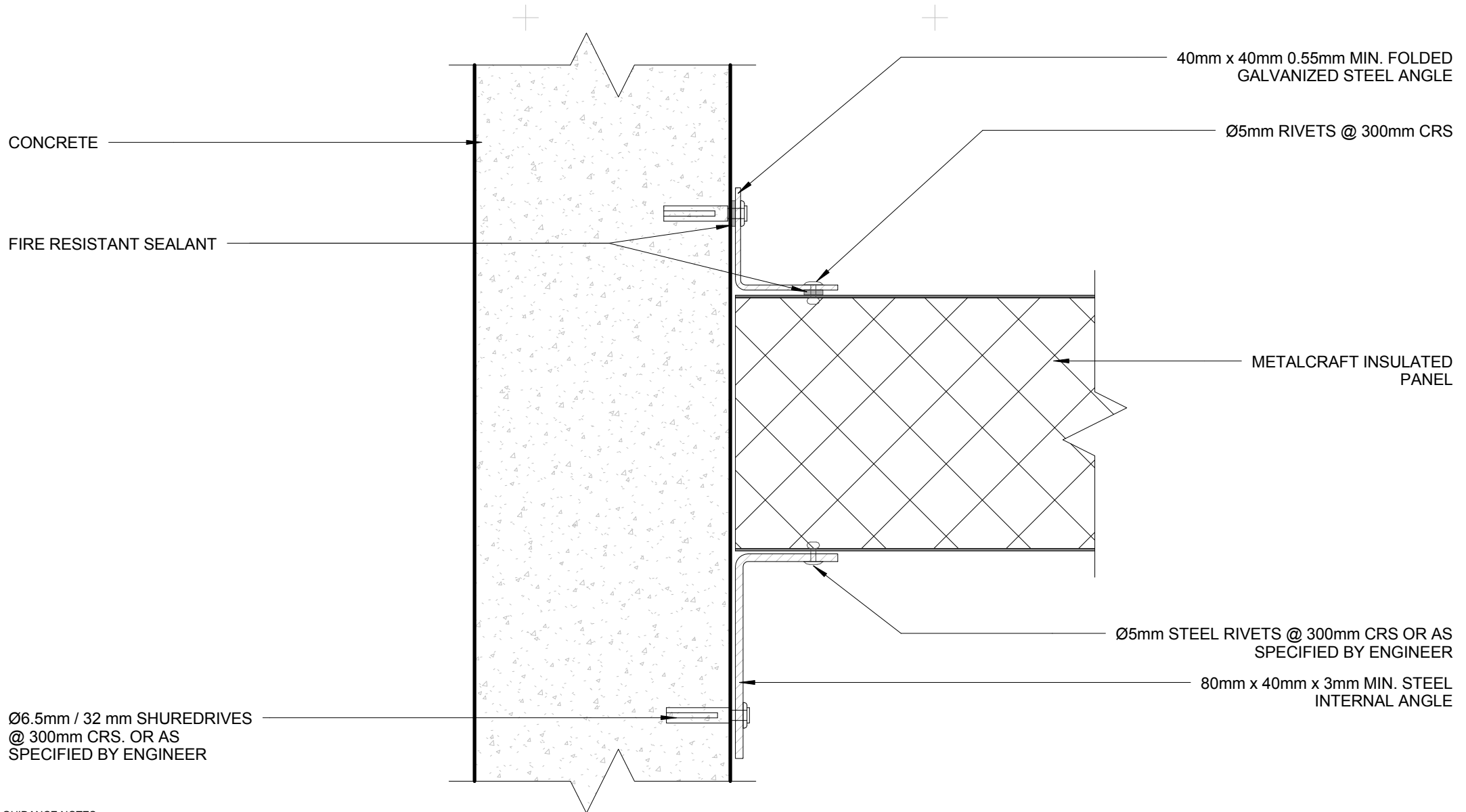


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COOLROOM / FREEZER CEILING DETAIL 01
CONTROLLED ENVIRONMENT

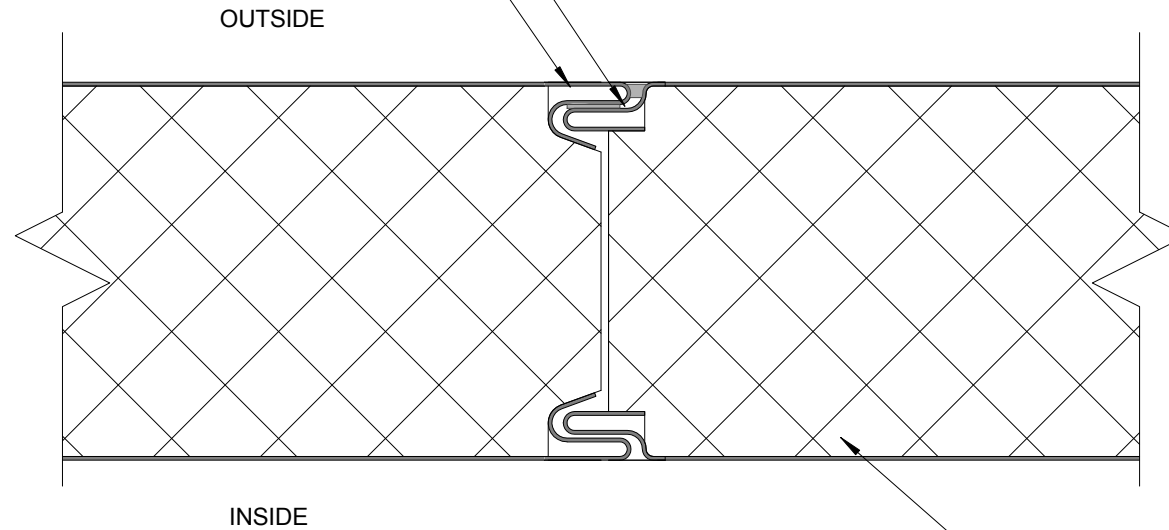


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FIRE RESISTANT SEALANT

COOLROOM SEALANT



METALCRAFT
INSULATED PANEL

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TYPICAL WALL JOINT FREEZER / COOLROOM 01

Thermopanel EPS

CONTROLLED ENVIRONMENT

Metalcraft
Insulated Panel Systems

Reference TPEPS

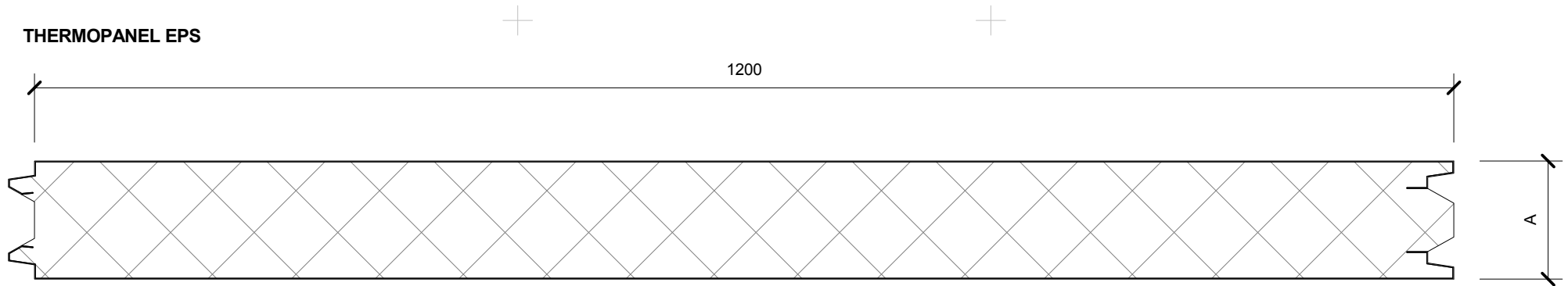
Date 30.08.2016

Scale 1 : 2

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THERMOPANEL EPS



FLAT FINISH - AVAILABE BOTH SIDES

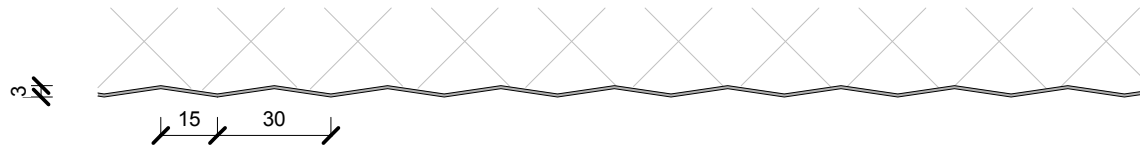
SCALE @ 1:5

A= 50, 75, 100, 125,
150, 200, 250mm

INTERNAL LINER FINISHES

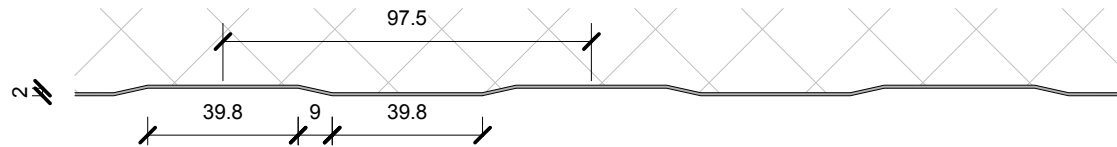
SILKLINE FINISH

- ONE SIDE ONLY



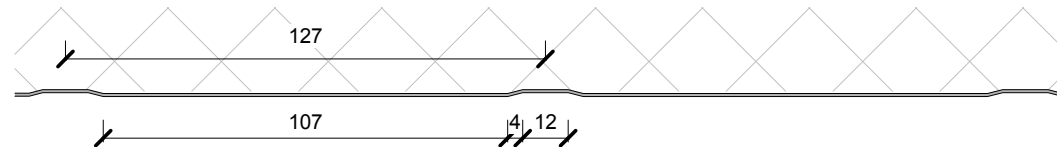
MESA FINISH

- ONE SIDE ONLY



RIBBED FINISH

- AVAILABLE BOTH SIDES



SCALE @ 1:2

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PANEL PROFILES AND SIZES
CONTROLLED ENVIRONMENT

Thermopanel EPS

Reference TPEPS

Date 30.08.2016

Scale As indicated

Sheet

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