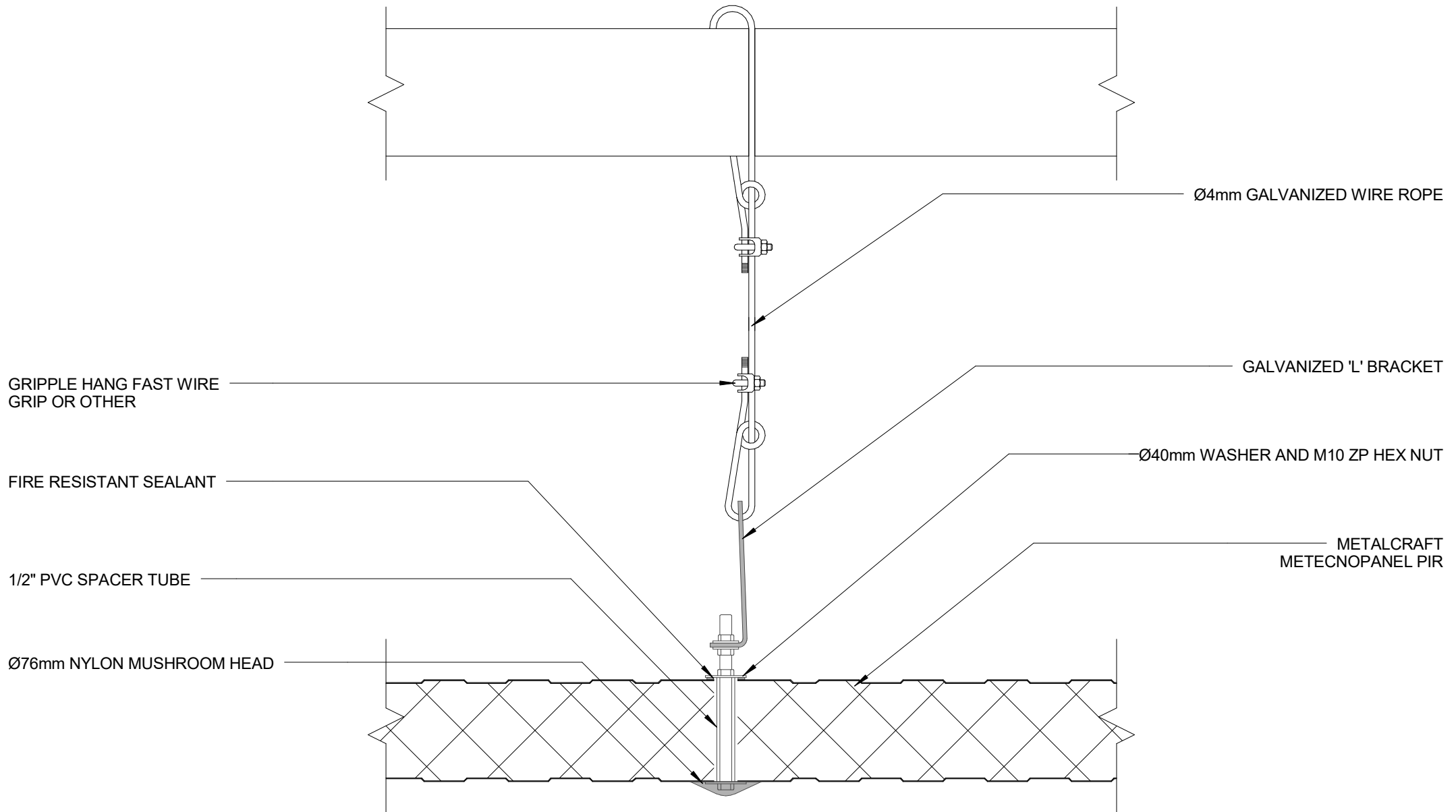


Metecno panel PIR

CONTROLLED ENVIRONMENT

DETAIL LIST

		<u>Revision</u>	<u>Date</u>
00 / 24	COVER SHEET		
01 / 24	CEILING SUSPENSION 01	1.1	14.12.2018
02 / 24	CEILING SUSPENSION 02	1.1	14.12.2018
03 / 24	FREEZER FLOOR 01	2.0	14.12.2018
04 / 24	FREEZER FLOOR 02	2.0	14.12.2018
05 / 24	FREEZER FLOOR 03	1.1	14.12.2018
06 / 24	PROCESS FLOOR 01	1.1	14.12.2018
07 / 24	PROCESS FLOOR 02	1.1	14.12.2018
08 / 24	PROCESS FLOOR 03	1.1	14.12.2018
09 / 24	PARTITION 01	2.0	14.12.2018
10 / 24	GIRT 01	2.0	14.12.2018
11 / 24	GIRT 02	2.0	14.12.2018
12 / 24	GIRT 03	1.1	14.12.2018
13 / 24	VERTICAL CORNER COOLROOM / FREEZER	1.1	14.12.2018
14 / 24	ROOF TO WALL COOLROOM / FREEZER 01	2.0	14.12.2018
15 / 24	COOLROOM / FREEZER CONNECTION 01	1.1	14.12.2018
16 / 24	FREEZER PARTITION 01	1.1	14.12.2018
17 / 24	COOLROOM / FREEZER CEILING DETAIL 01	2.0	14.12.2018
18 / 24	CEILING TO WALL DETAIL 01	1.1	14.12.2018
19 / 24	TYPICAL WALL JOINT FREEZER / COOLROOM 01	1.1	14.12.2018
20 / 24	FM DETAIL - WALL TO NON-INSULATED FLOOR JOINT	1.1	14.12.2018
21 / 24	FM DETAIL - WALL TO INSULATED WALL JOINT	1.1	14.12.2018
22 / 24	FM DETAIL - WALL TO INSULATED CEILING JOINT	1.1	14.12.2018
23 / 24	ROOF TO WALL CLEAN ROOM	1.0	14.12.2018
24 / 24	PANEL PROFILES AND SIZES	1.1	14.12.2018



GRIPPLE HANG FAST WIRE
GRIP OR OTHER

FIRE RESISTANT SEALANT

1/2" PVC SPACER TUBE

Ø76mm NYLON MUSHROOM HEAD

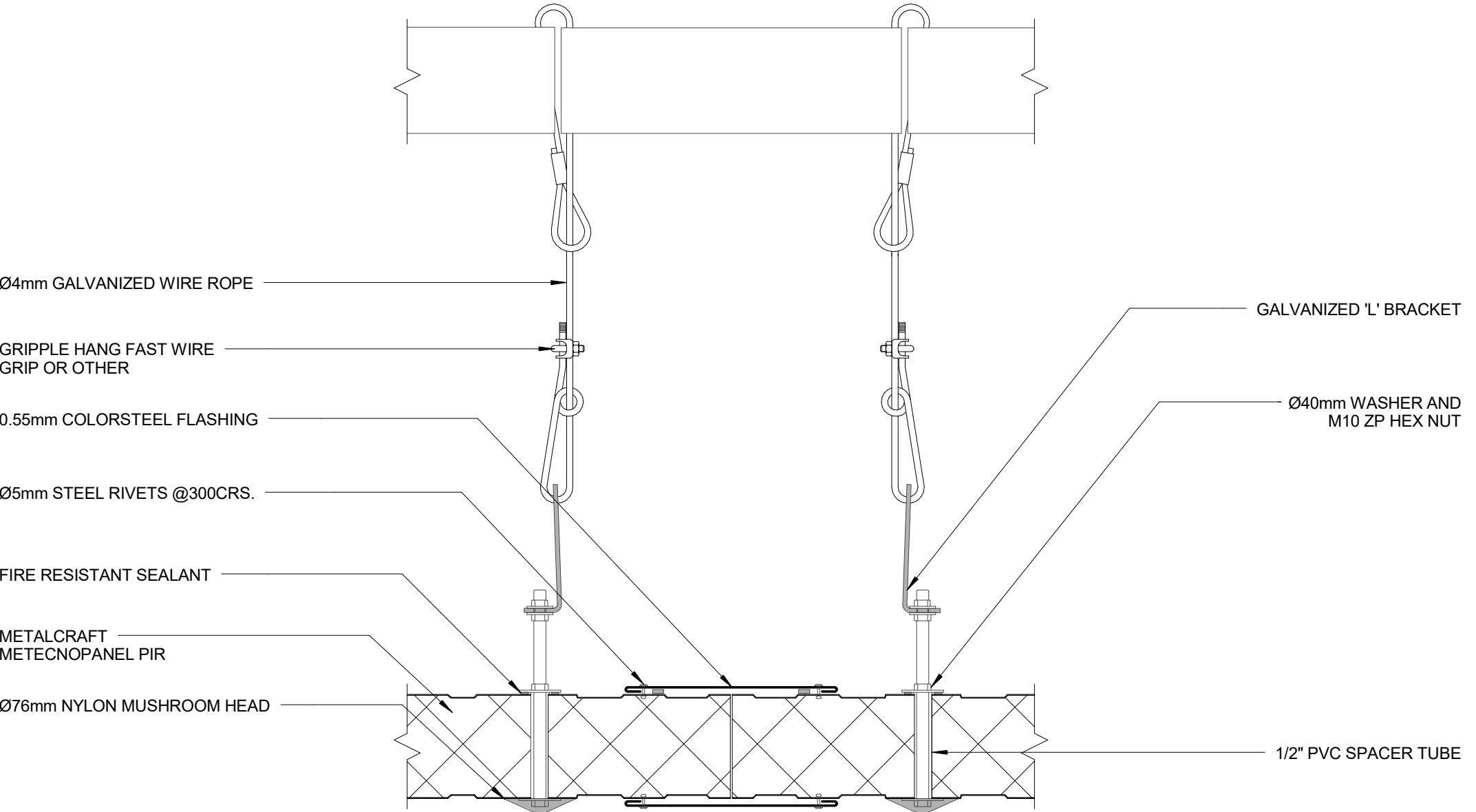
Ø4mm GALVANIZED WIRE ROPE

GALVANIZED 'L' BRACKET

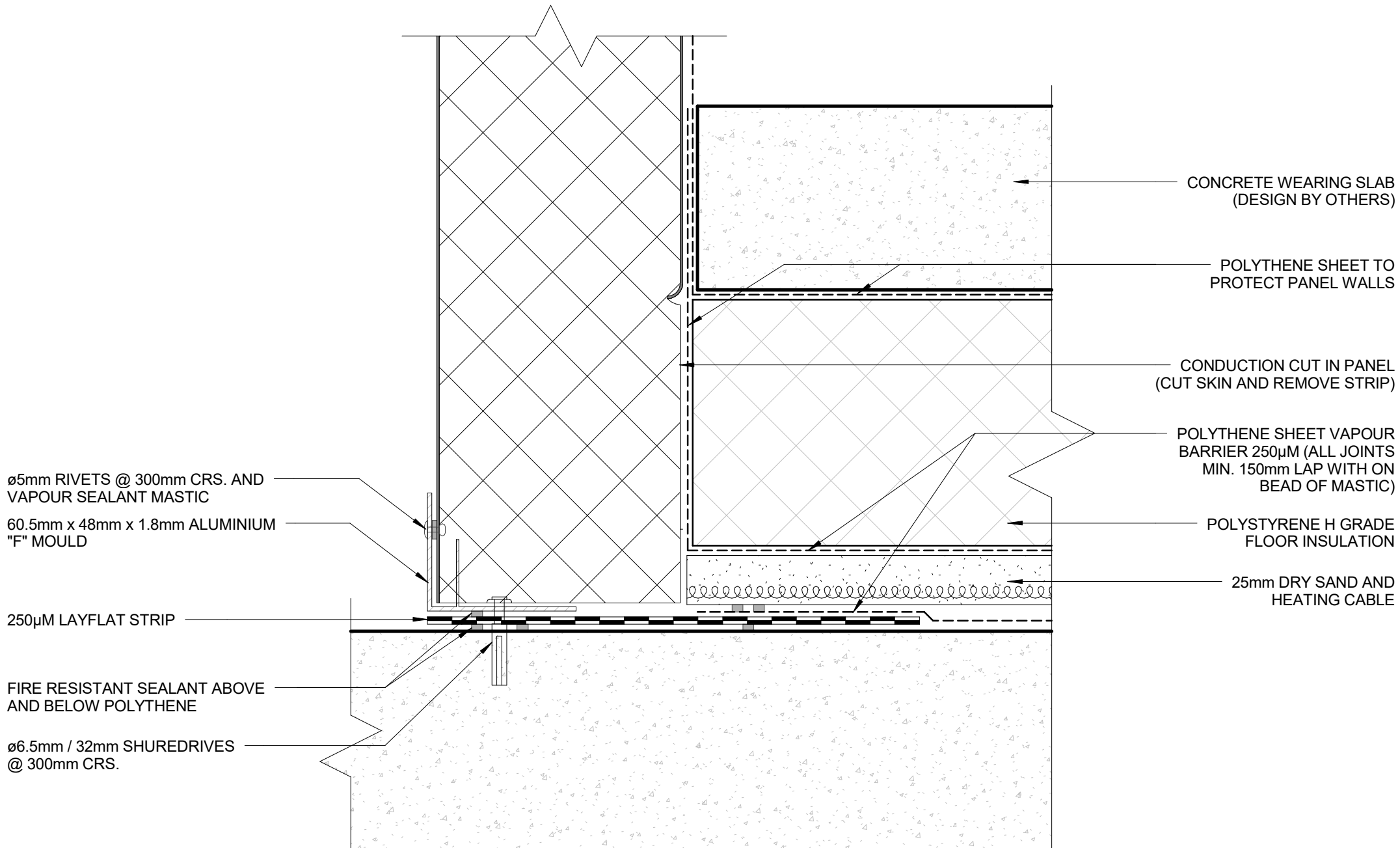
Ø40mm WASHER AND M10 ZP HEX NUT

METALCRAFT
METECPANEL PIR

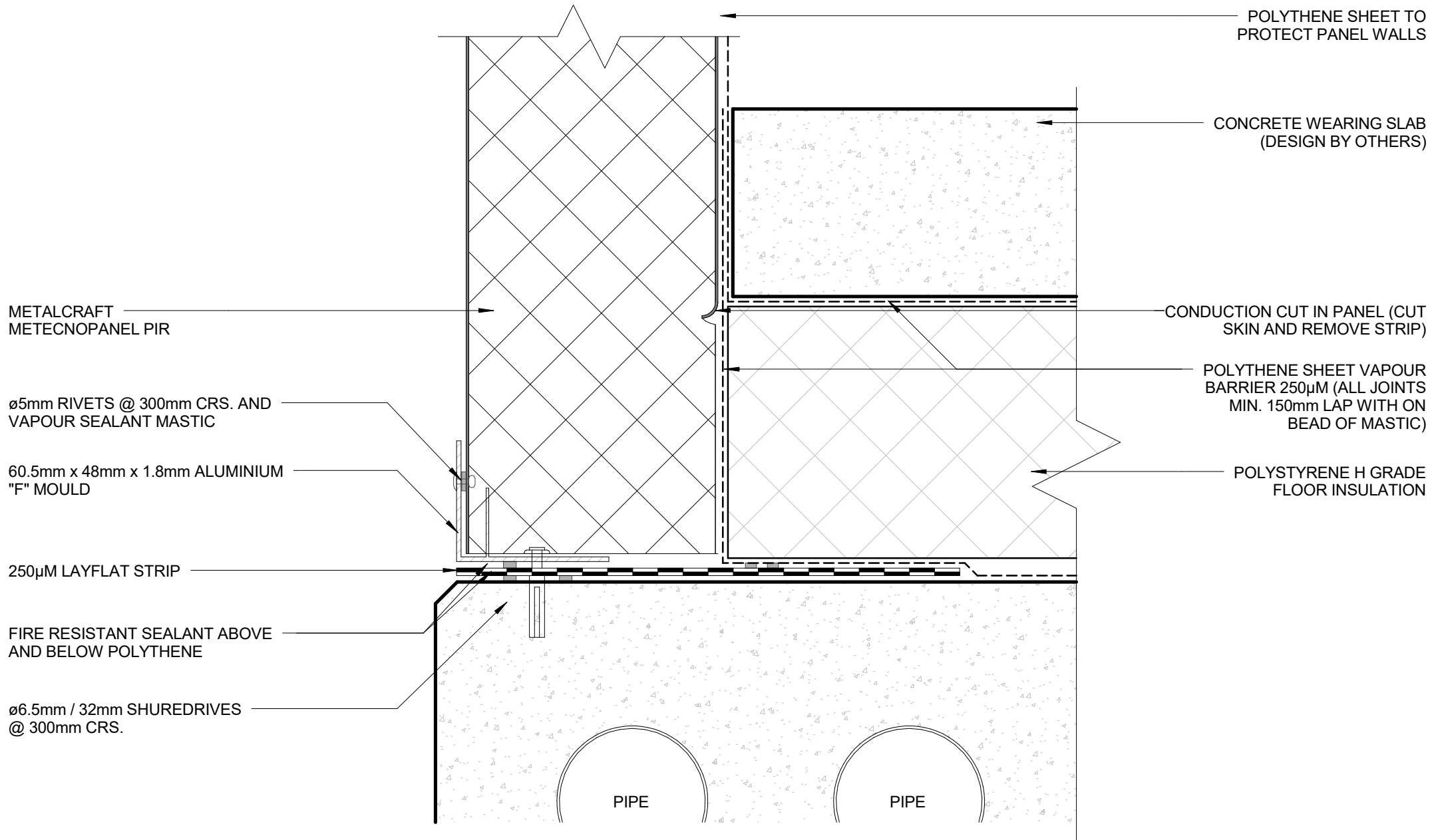
CEILING SUSPENSION 01
CONTROLLED ENVIRONMENT

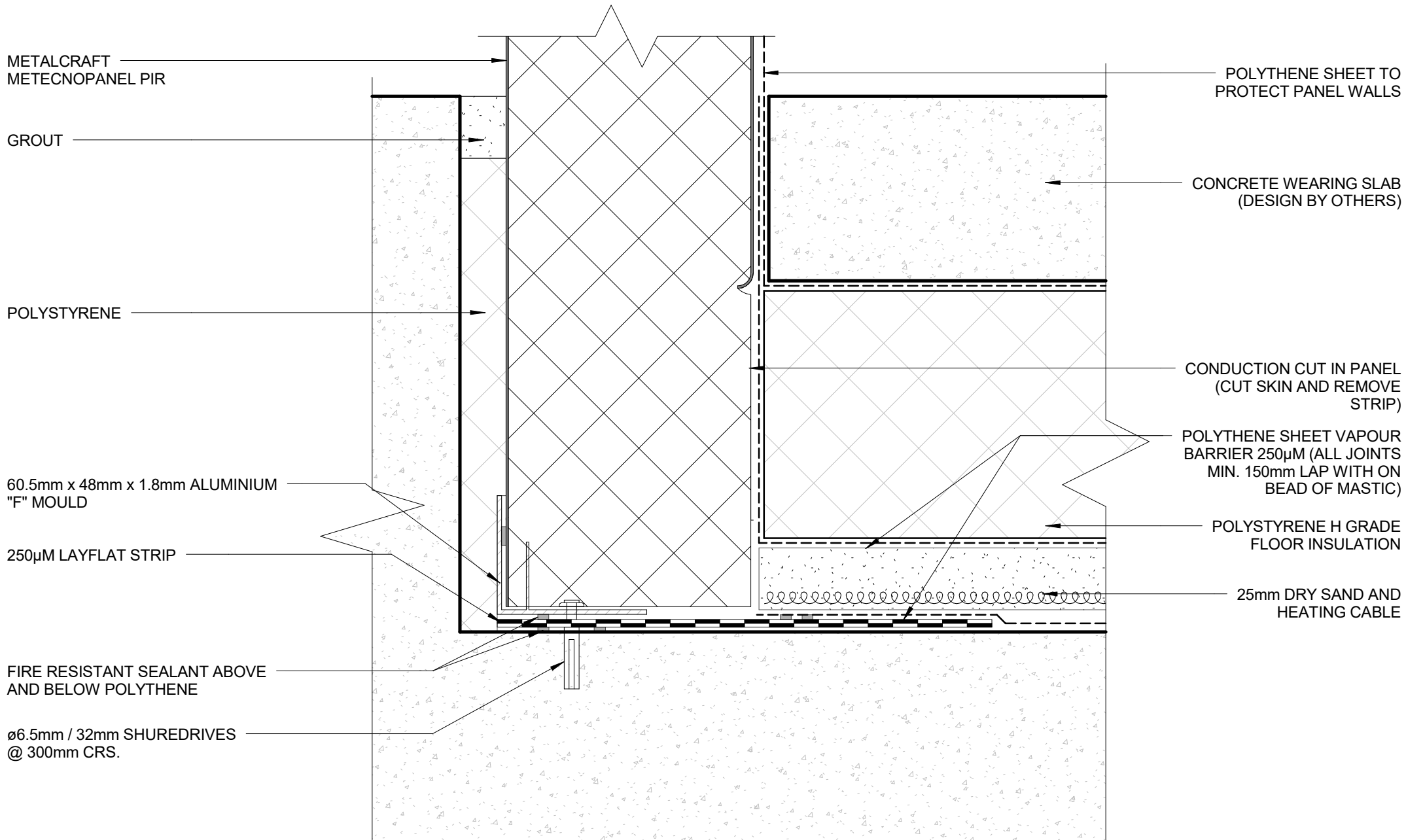


CEILING SUSPENSION 02
CONTROLLED ENVIRONMENT



FREEZER FLOOR 01
CONTROLLED ENVIRONMENT





METALCRAFT
METECNOPANEL PIR

GROUT

POLYSTYRENE

60.5mm x 48mm x 1.8mm ALUMINIUM
"F" MOULD

250µM LAYFLAT STRIP

FIRE RESISTANT SEALANT ABOVE
AND BELOW POLYTHENE

Ø6.5mm / 32mm SHUREDRIVES
@ 300mm CRS.

POLYTHENE SHEET TO
PROTECT PANEL WALLS

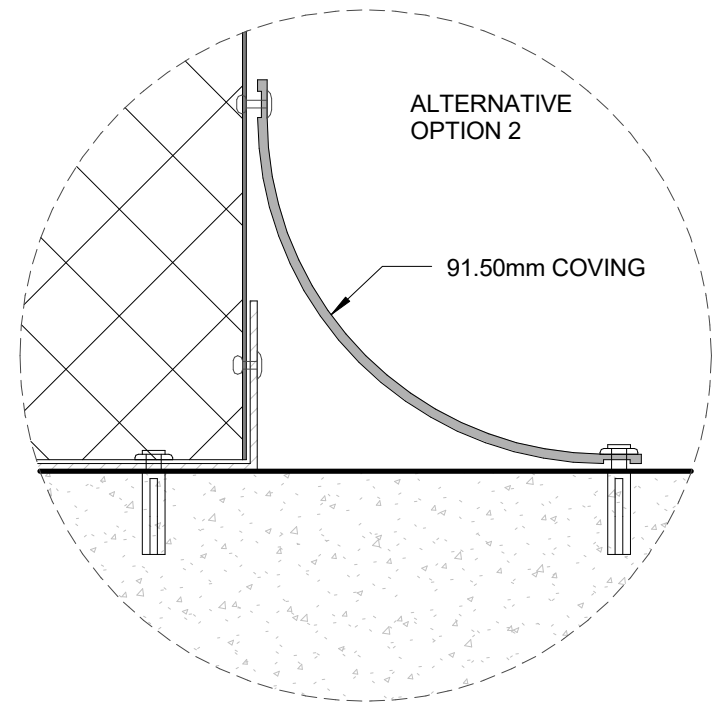
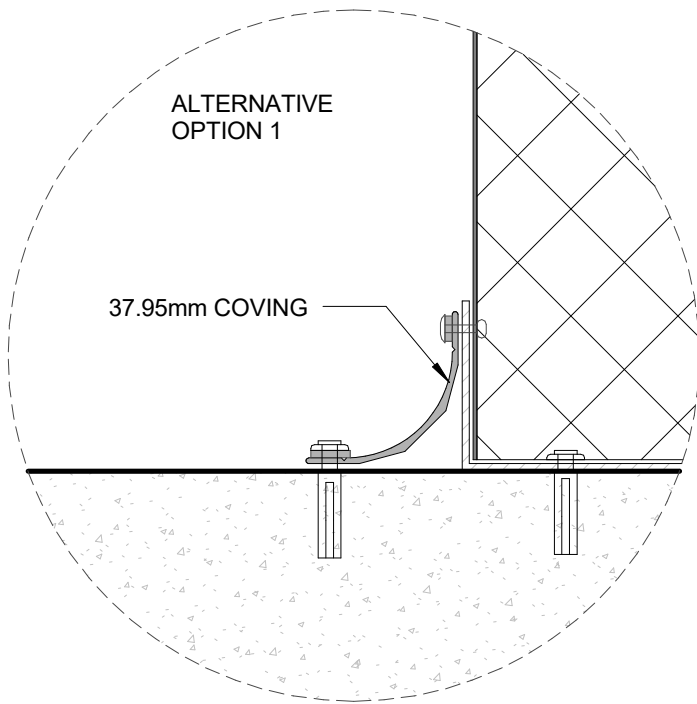
CONCRETE WEARING SLAB
(DESIGN BY OTHERS)

CONDUCTION CUT IN PANEL
(CUT SKIN AND REMOVE
STRIP)

POLYTHENE SHEET VAPOUR
BARRIER 250µM (ALL JOINTS
MIN. 150mm LAP WITH ON
BEAD OF MASTIC)

POLYSTYRENE H GRADE
FLOOR INSULATION

25mm DRY SAND AND
HEATING CABLE



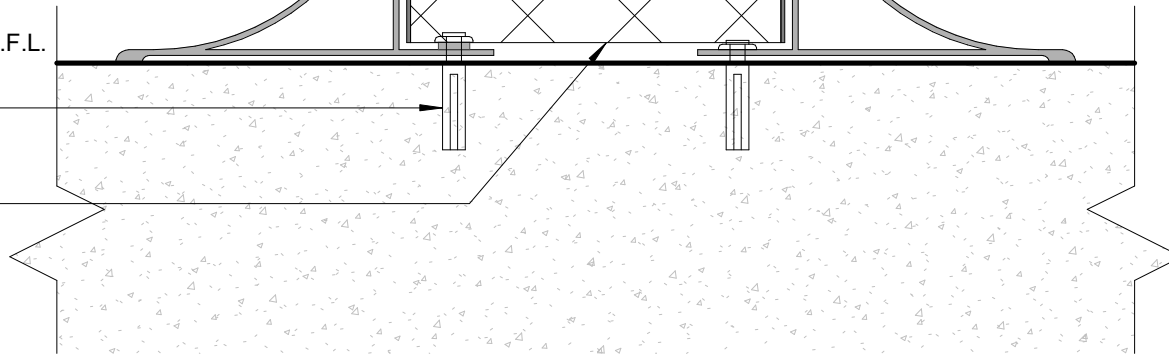
Ø5mm/16mm RIVETS @
300mm CRS WITH FIRE
RESISTANT SEALANT

ALUMINIUM COVE BASE

F.F.L.

Ø6.5mm / 32mm SHUREDRIVES
@ 300mm CRS.

METALCRAFT
METECNOPANEL PIR



METALCRAFT
METECNOPANEL PIR

ø5mm RIVETS @ 300mm CRS.
WITH FIRE RESISTANT SEALANT

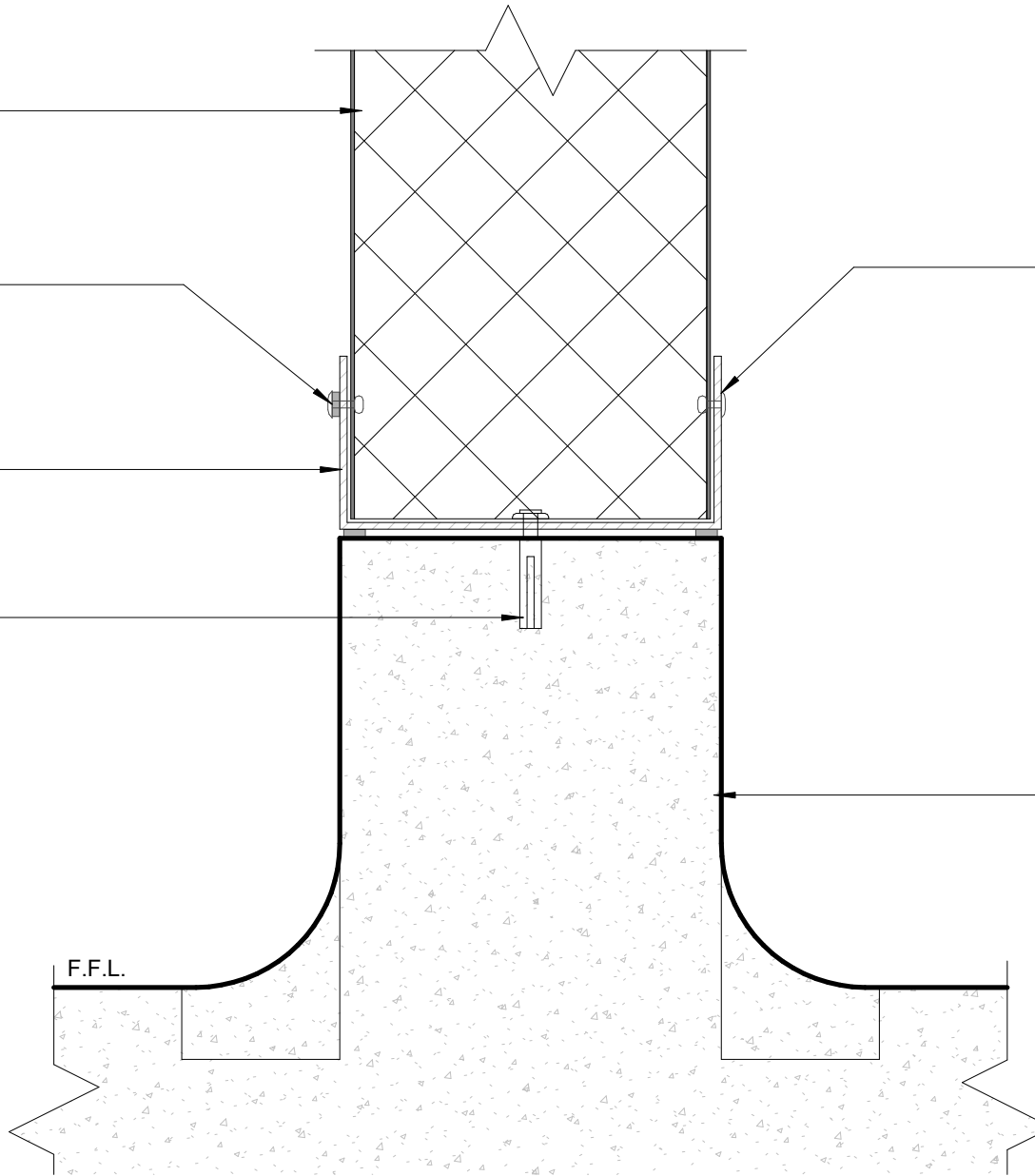
ALUMINIUM CHANNEL

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

ø5mm RIVETS @ 300mm
CRS.

CONCRETE PLINTH

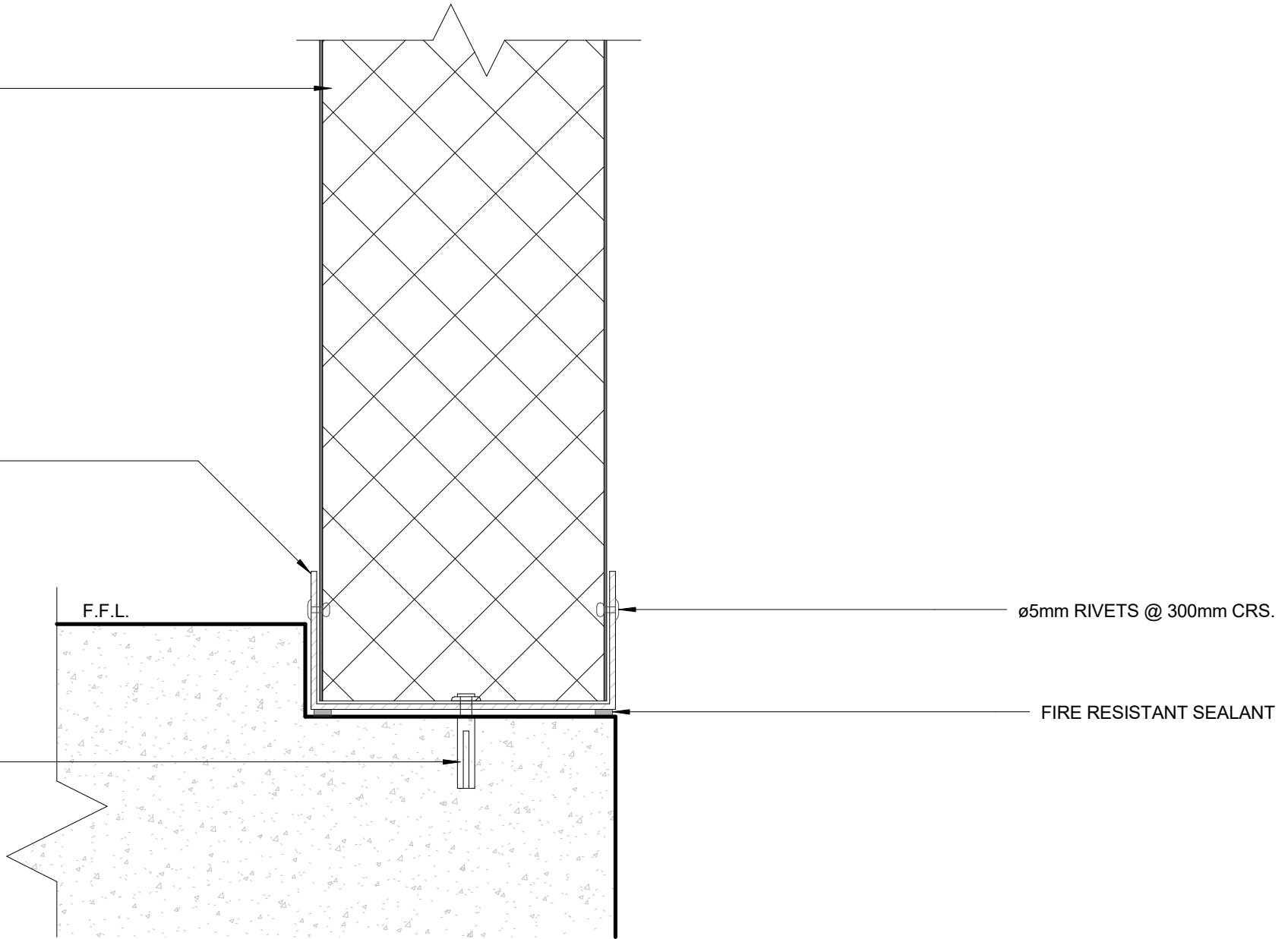
F.F.L.



METALCRAFT
METECNOPANEL PIR

ALUMINIUM CHANNEL

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



ø5mm RIVETS @ 300mm CRS.

FIRE RESISTANT SEALANT

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Metalcraft
Insulated Panels

Metecnopanel PIR

Rev. 1.1

Reference MPPIR

Date 14.12.2018

PROCESS FLOOR 03

CONTROLLED ENVIRONMENT

Scale 1 : 2

Sheet

08 / 24

ø5mm RIVET TO CEILING

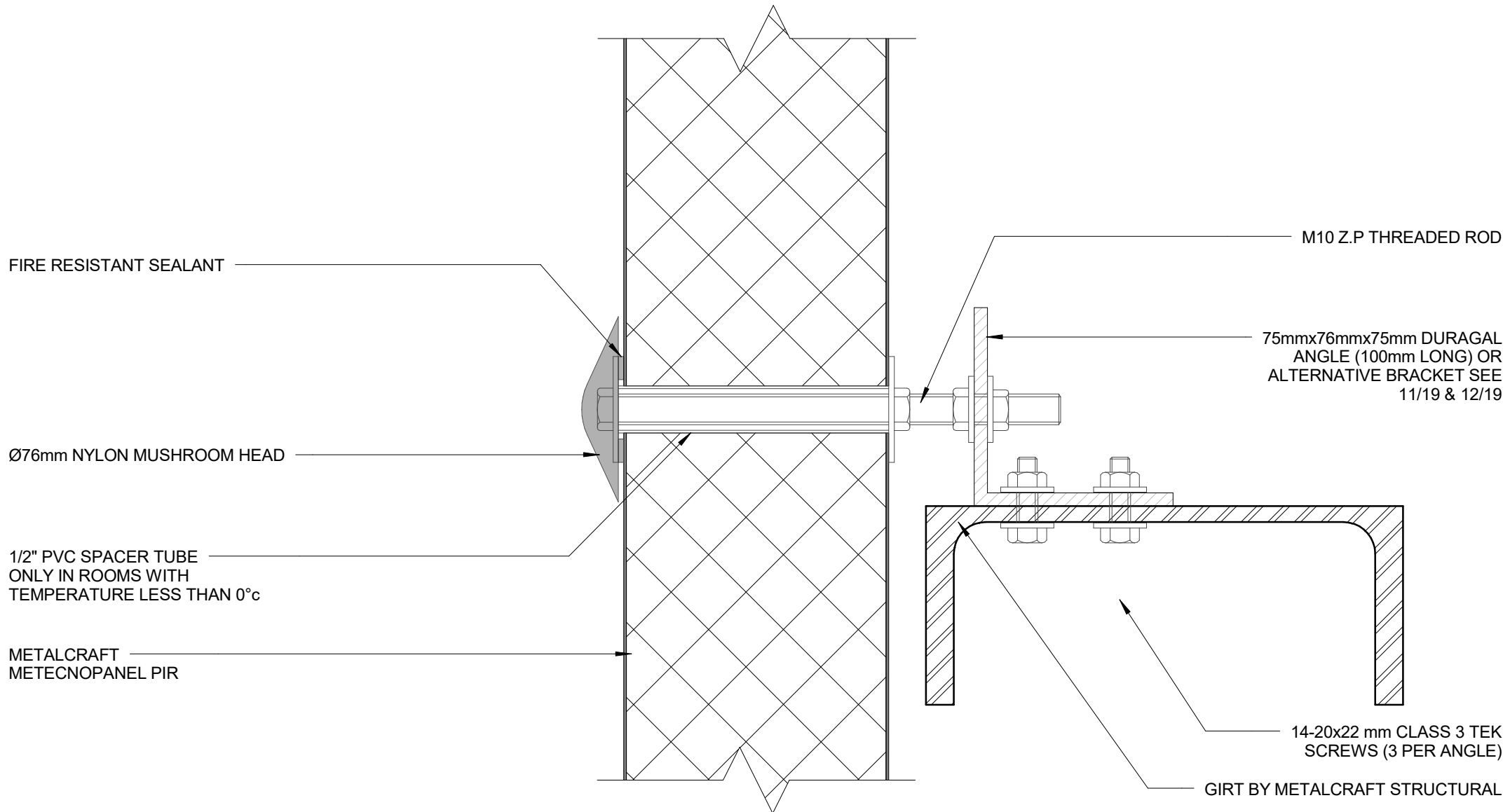
40mm x 40mm STEEL
INTERNAL ANGLE

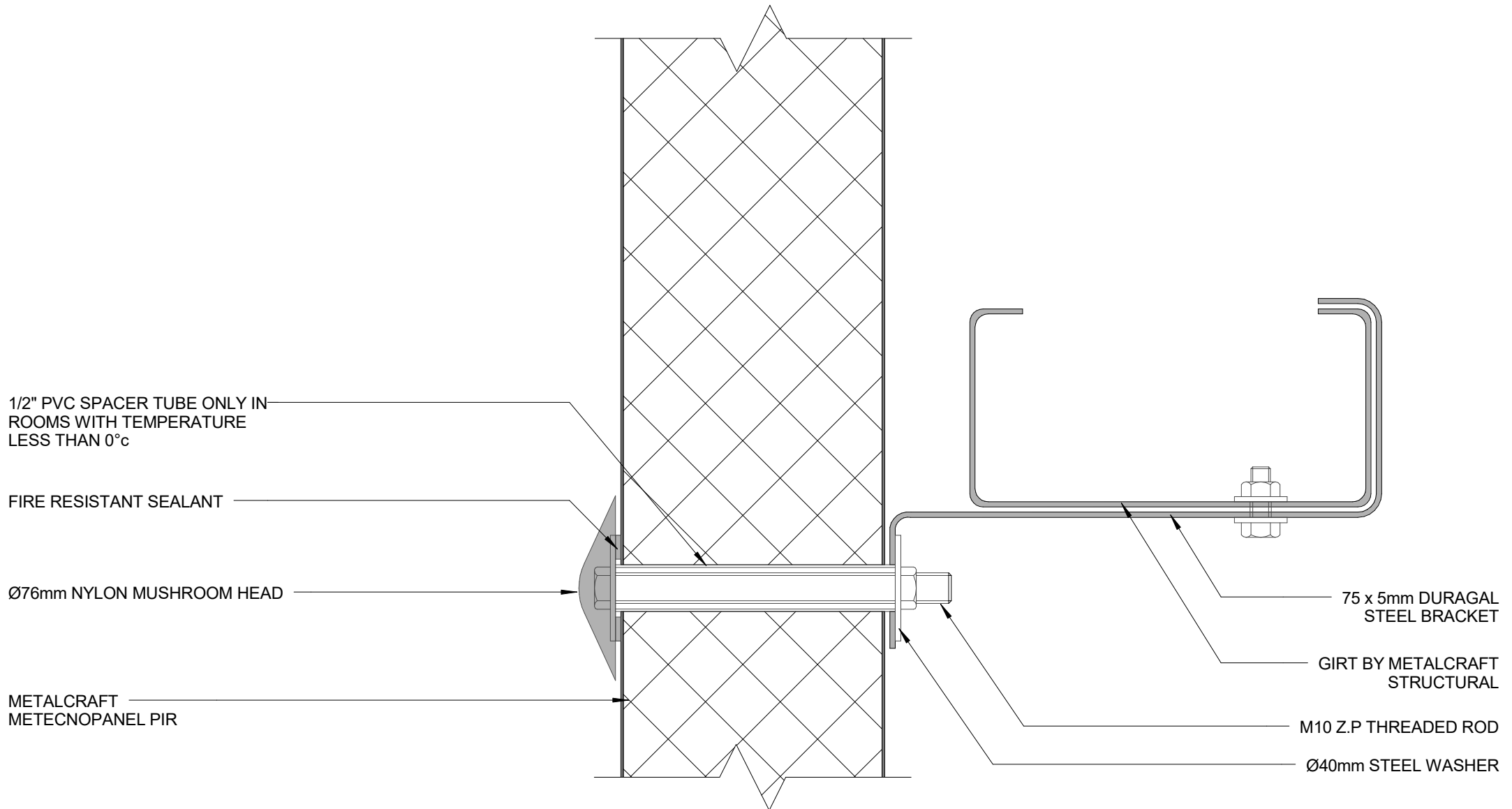
METALCRAFT
METECNOPANEL PIR

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

ø5mm RIVETS @300mm CRS.

ALUMINIUM CHANNEL



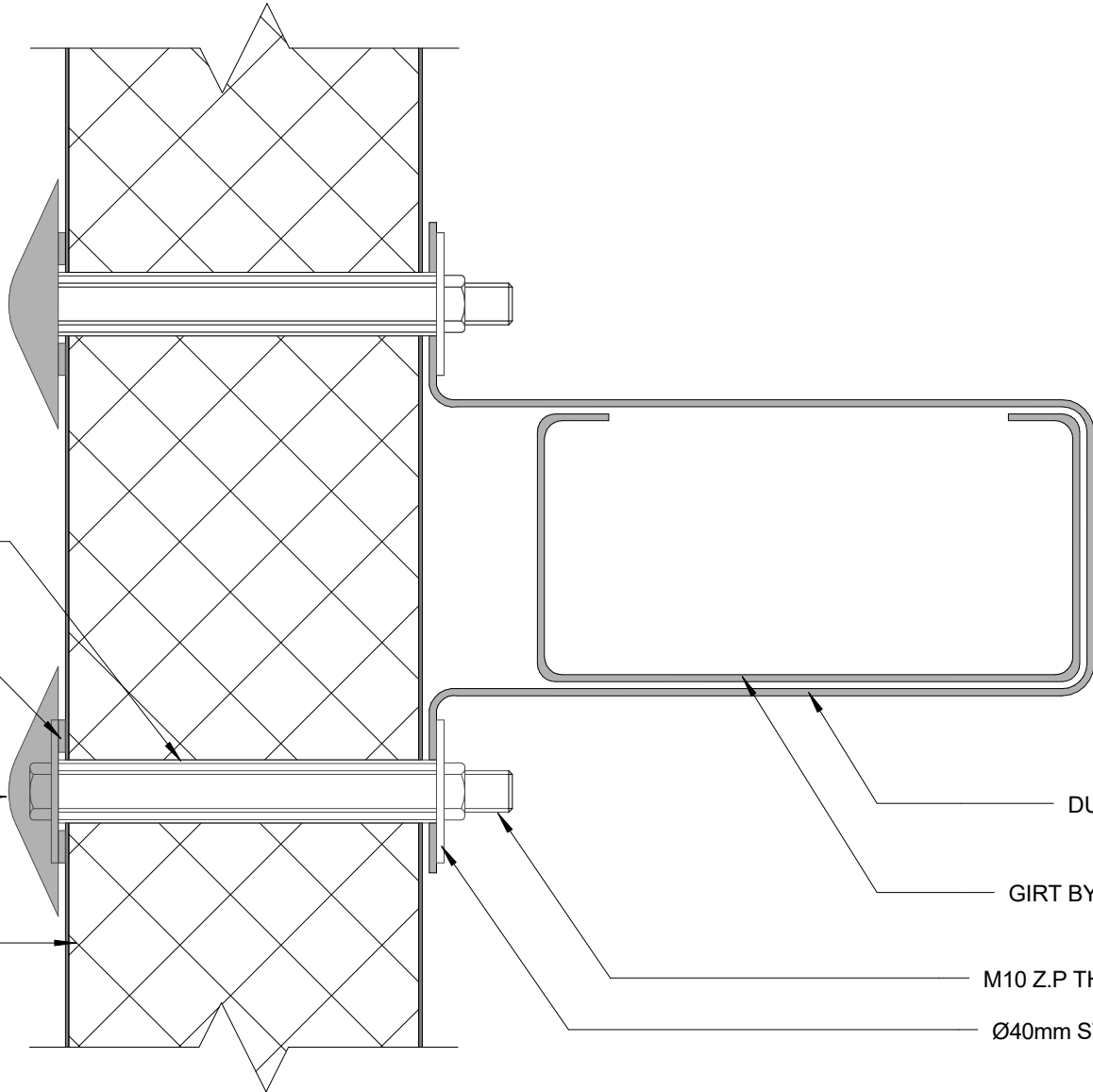


1/2" PVC SPACER TUBE
ONLY IN ROOMS WITH
TEMPERATURE LESS THAN 0°C

FIRE RESISTANT SEALANT

Ø76mm NYLON MUSHROOM HEAD

METALCRAFT
METECNOPANEL PIR



DURAGAL STEEL
BRACKET

GIRT BY METALCRAFT
STRUCTURAL

M10 Z.P. THREADED ROD

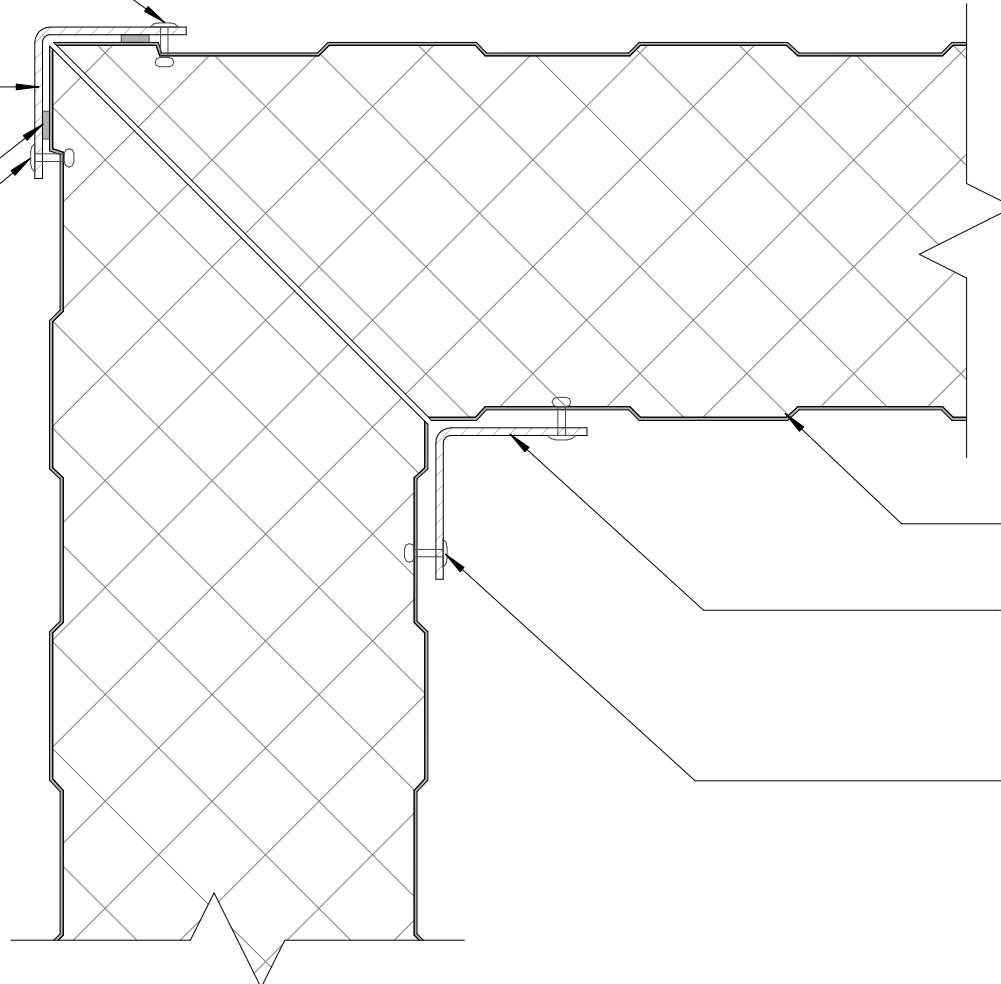
Ø40mm STEEL WASHER

Ø5mm RIVETS @ 300mm CRS

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

FIRE RESISTANT SEALANT

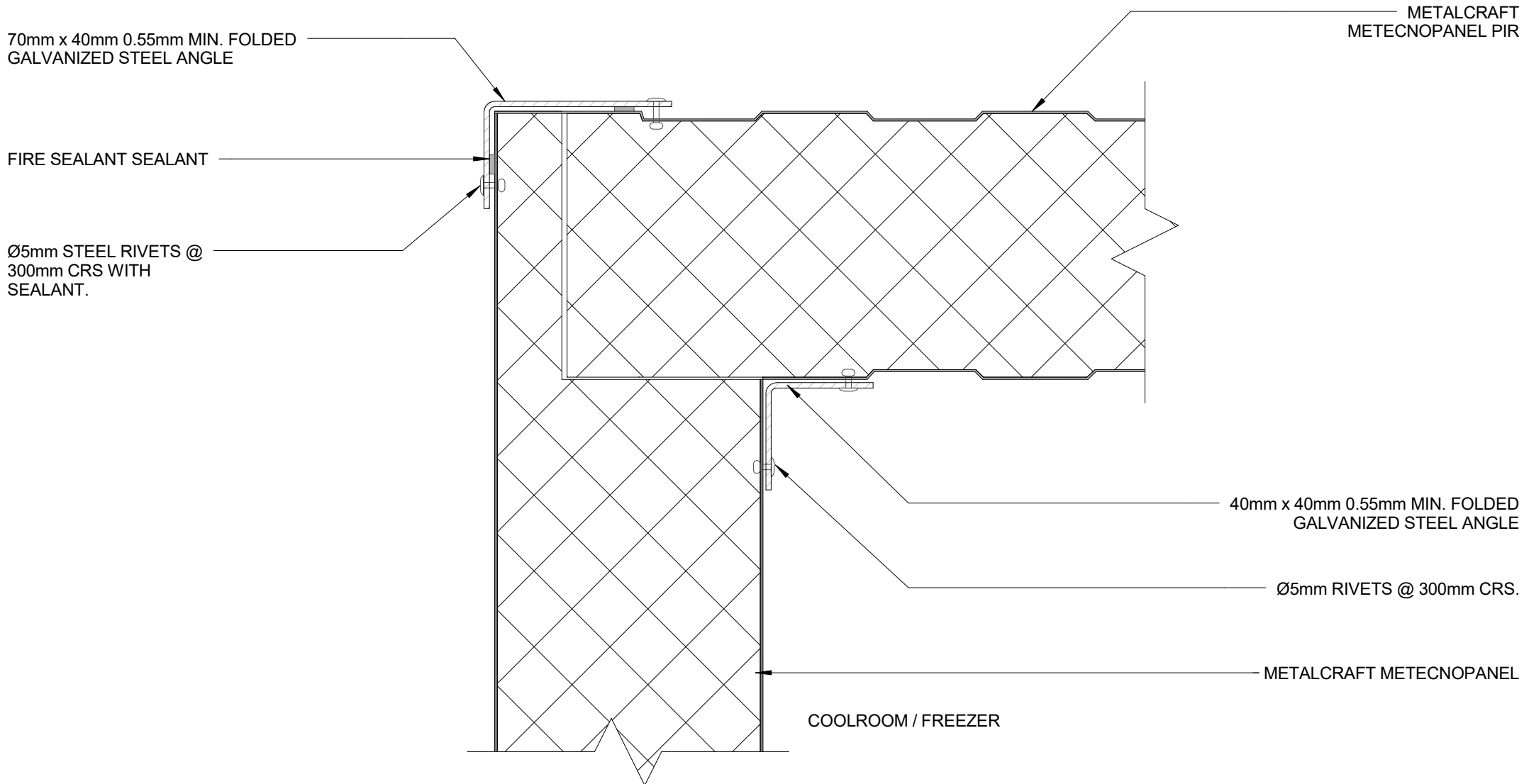
Ø5mm RIVETS @ 300mm CRS.
WITH SEALANT



METALCRAFT
METECNOPANEL PIR

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

Ø5mm RIVETS @ 300mm CRS.



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

METALCRAFT METECNOPANEL PIR

FIRE SEALANT SEALANT

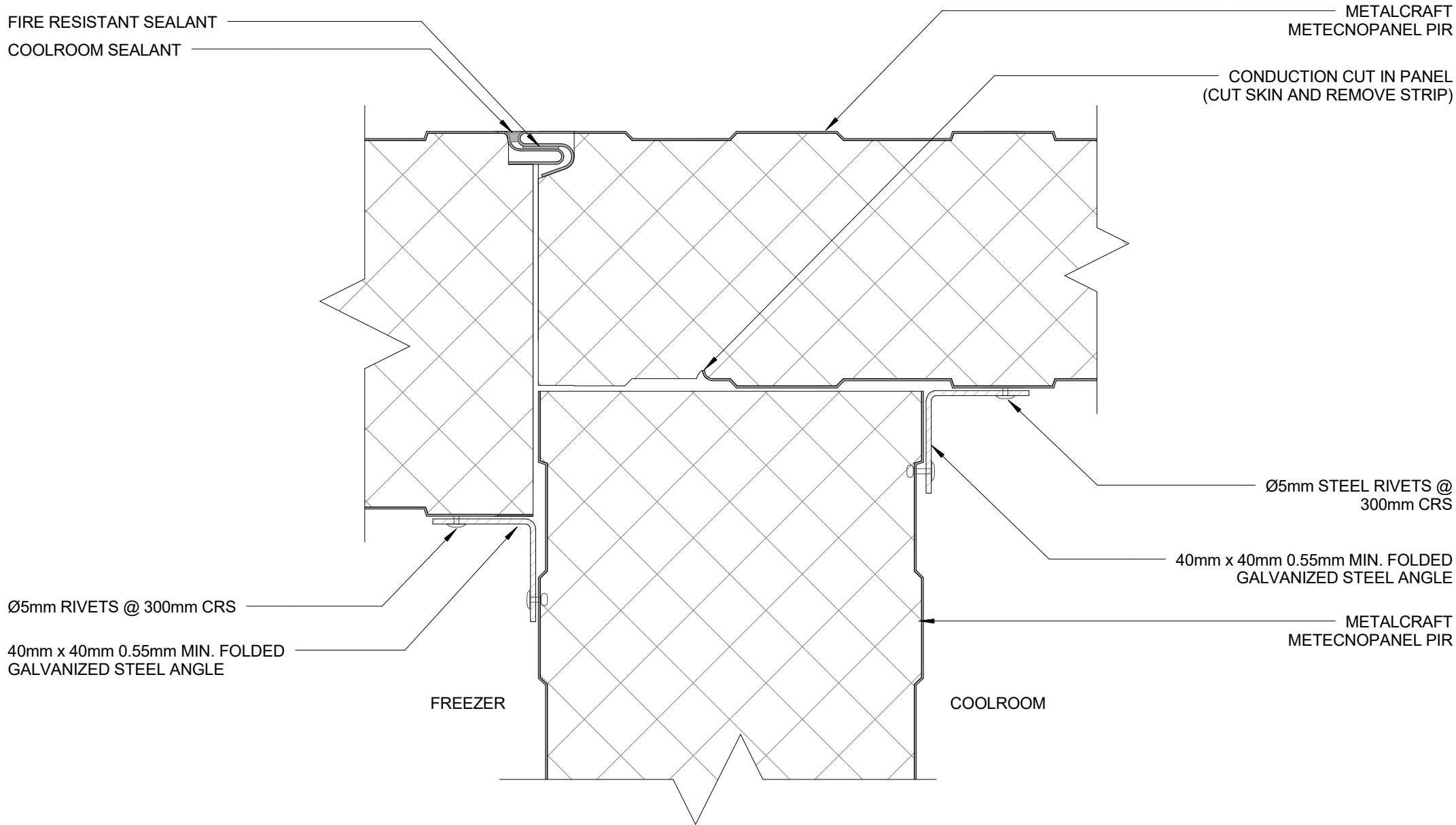
Ø5mm STEEL RIVETS @ 300mm CRS WITH SEALANT.

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

Ø5mm RIVETS @ 300mm CRS.

METALCRAFT METECNOPANEL

COOLROOM / FREEZER



FIRE RESISTANT SEALANT
COOLROOM SEALANT

METALCRAFT
METECNOPANEL PIR

CONDUCTION CUT IN PANEL
(CUT SKIN AND REMOVE STRIP)

Ø5mm STEEL RIVETS @
300mm CRS

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

Ø5mm RIVETS @ 300mm CRS

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

METALCRAFT
METECNOPANEL PIR

FREEZER

COOLROOM

COOLROOM / FREEZER CONNECTION 01

Metecnopanel PIR

Rev. 1.1

CONTROLLED ENVIRONMENT

Reference MPPIR

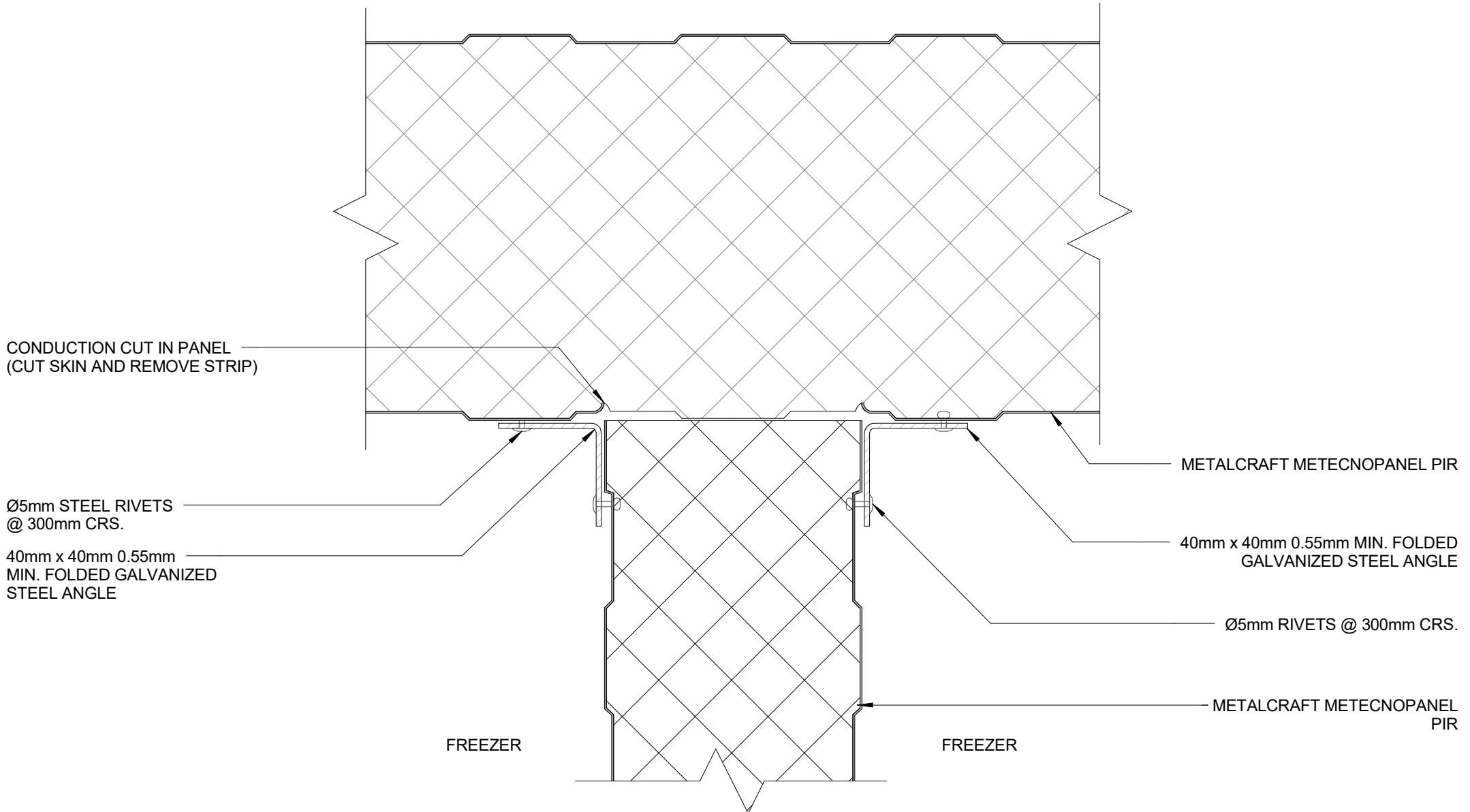
Date 14.12.2018

Scale 1 : 2

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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 METECNOPANEL PIR

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

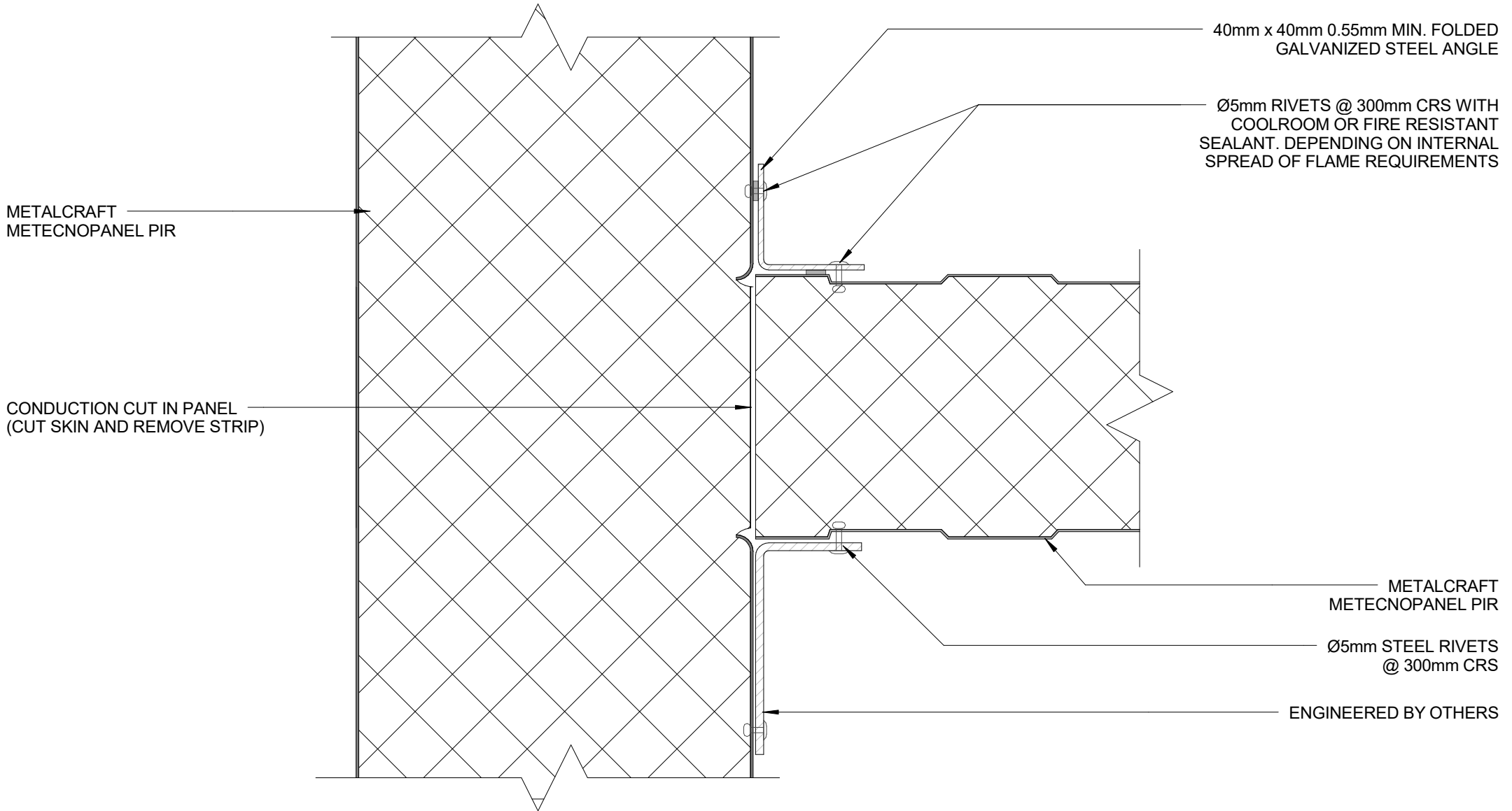
Ø5mm RIVETS @ 300mm CRS.

METALCRAFT METECNOPANEL
PIR

FREEZER

FREEZER

FREEZER PARTITION 01
CONTROLLED ENVIRONMENT



METALCRAFT
METECNOPANEL PIR

CONDUCTION CUT IN PANEL
(CUT SKIN AND REMOVE STRIP)

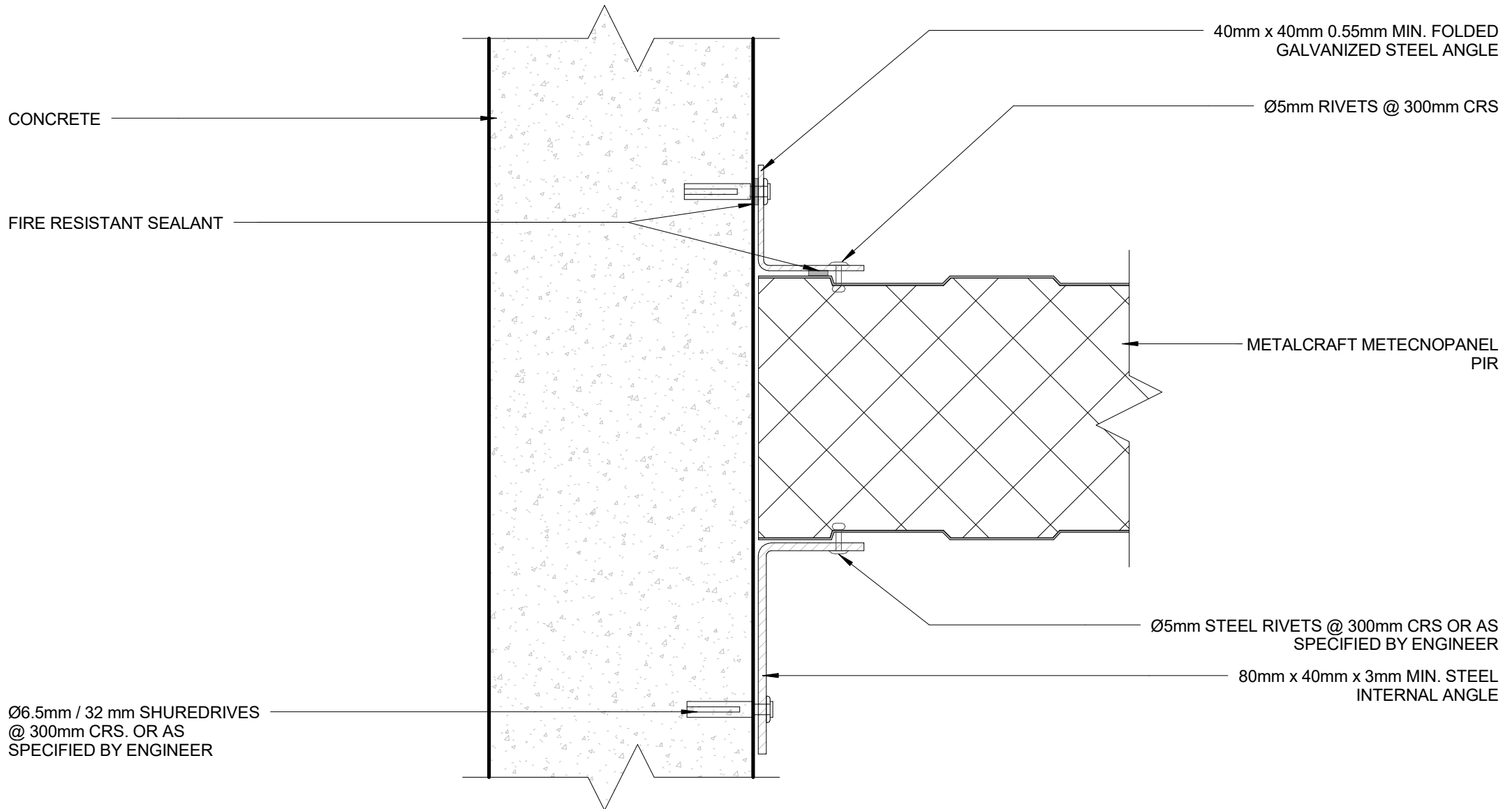
40mm x 40mm 0.55mm MIN. FOLDED
GALVANIZED STEEL ANGLE

Ø5mm RIVETS @ 300mm CRS WITH
COOLROOM OR FIRE RESISTANT
SEALANT. DEPENDING ON INTERNAL
SPREAD OF FLAME REQUIREMENTS

METALCRAFT
METECNOPANEL PIR

Ø5mm STEEL RIVETS
@ 300mm CRS

ENGINEERED BY OTHERS



CEILING TO WALL DETAIL 01

CONTROLLED ENVIRONMENT

Metalcraft
Insulated Panels

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Metecnopanel PIR

Rev. 1.1

Reference MPPIR

Date 14.12.2018

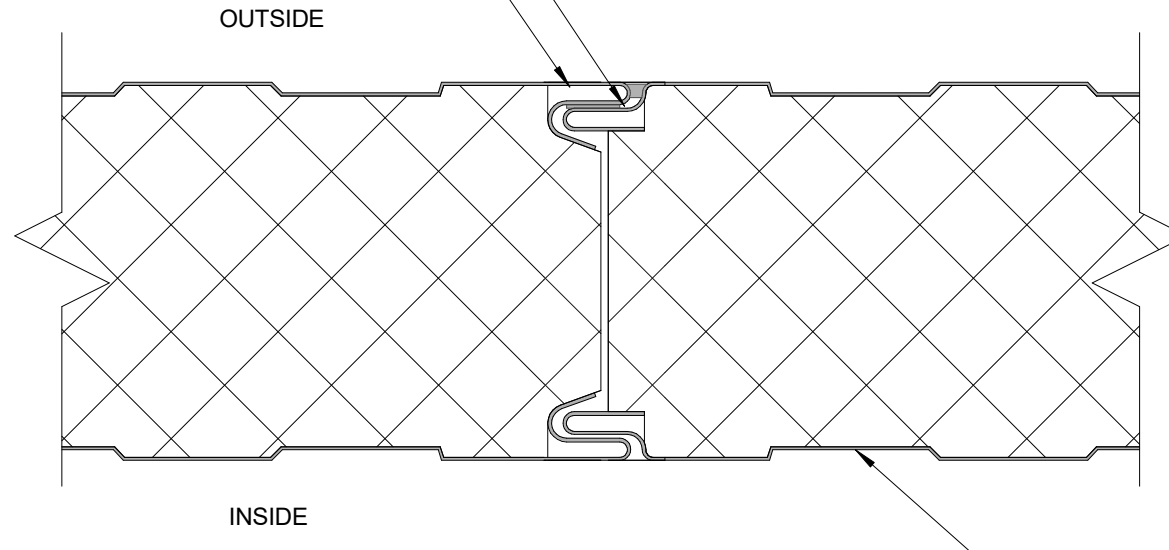
Scale 1 : 2

Sheet

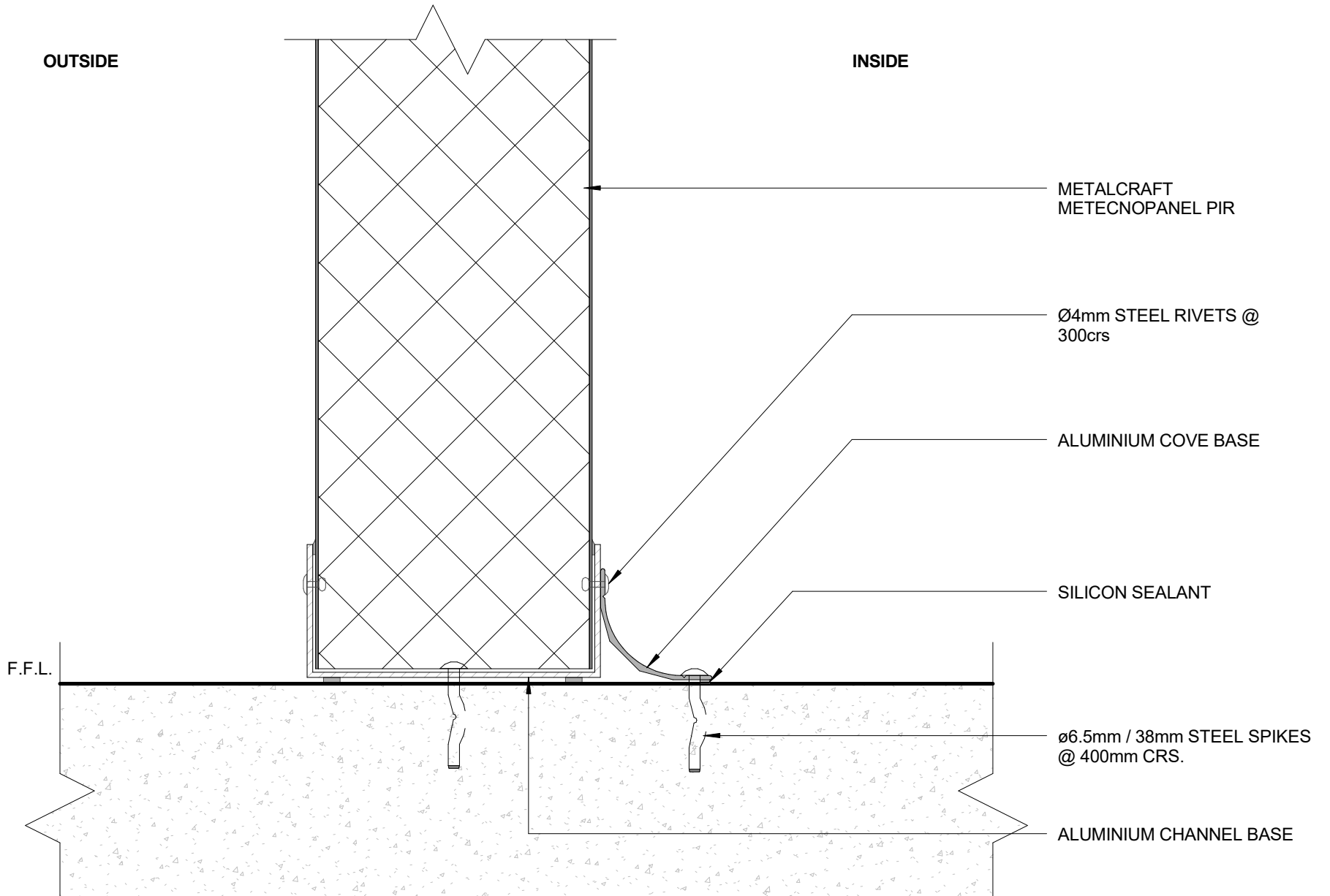
18 / 24

FIRE RESISTANT SEALANT

COOLROOM SEALANT



METALCRAFT
METECNOPANEL PIR



FM DETAIL - WALL TO NON-INSULATED FLOOR JOINT

OUTSIDE

INSIDE

40x40 INTERNAL ANGLE

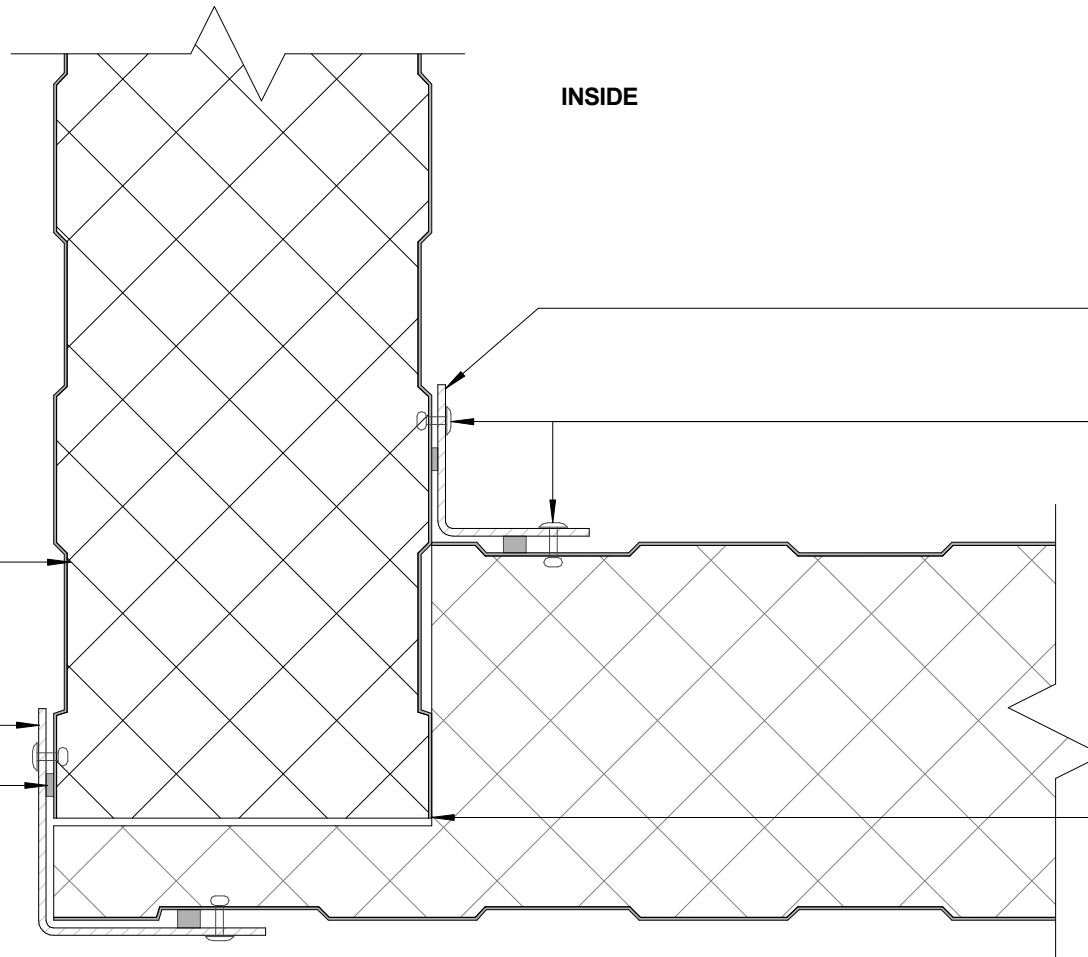
Ø4mm STEEL RIVETS @ 300crs

METALCRAFT METECPANEL PIR

60x60 EXTERNAL ANGLE

SEALANT

REBATE CORNER



FM DETAIL - WALL TO INSULATED WALL JOINT

Metecpanel PIR

Rev. 1.1

CONTROLLED ENVIRONMENT

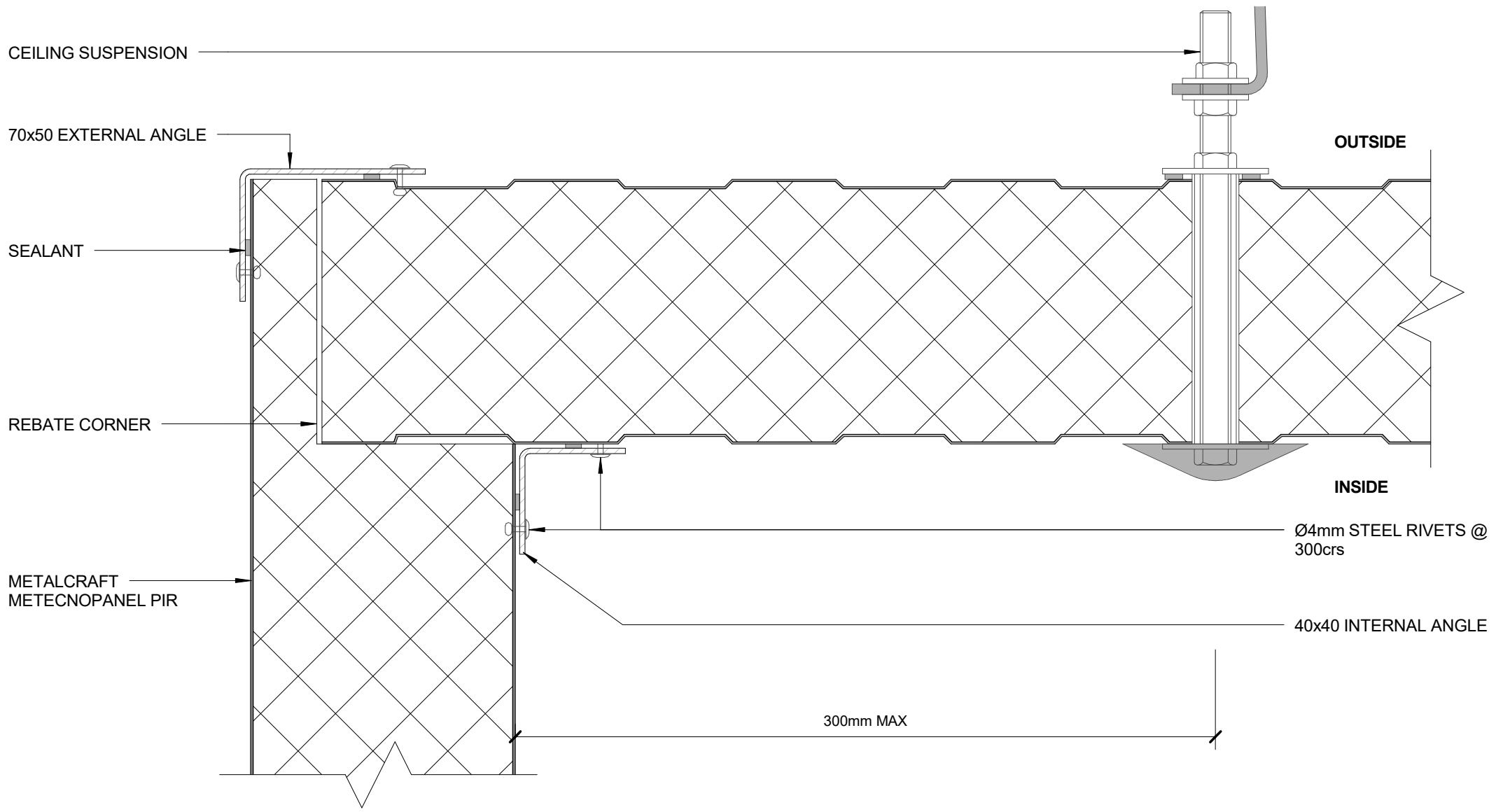
Reference MPPIR

Date 14.12.2018

Scale 1 : 2

Sheet

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FM DETAIL - WALL TO INSULATED CEILING JOINT

MetecnoPanel PIR Rev. 1.1 **CONTROLLED ENVIRONMENT**

Reference MPPIR Date 14.12.2018 Scale 1 : 2 Sheet **22 / 24**



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

METALCRAFT INSULATED PANEL CEILING

Ø5mm STEEL RIVETS @ 300mm CRS WITH SEALANT.

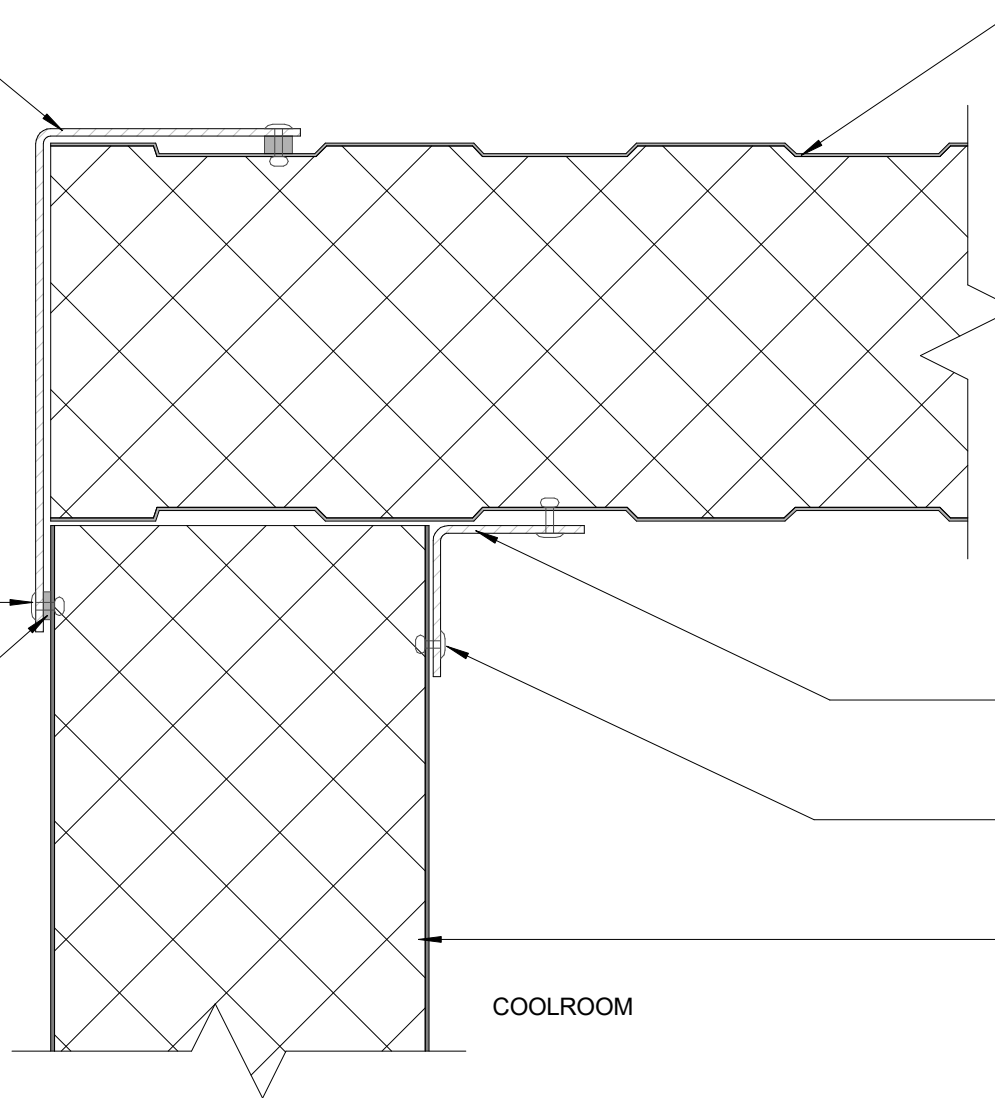
FIRE SEALANT SEALANT

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

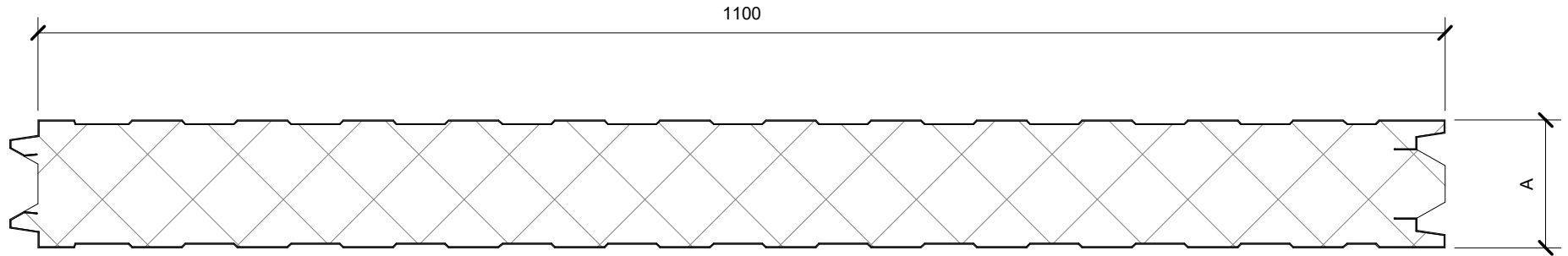
Ø5mm RIVETS @ 300mm CRS.

METALCRAFT THERMOPANEL EPS

COOLROOM



METECNOPANEL PIR



FINELINE FINISH

SCALE @ 1:5

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

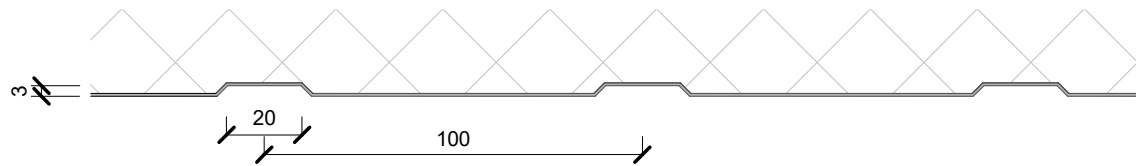
INTERNAL LINER FINISHES

SCALE @ 1:2

SATINLINE FINISH



STANDARD



PANEL PROFILES AND SIZES

CONTROLLED ENVIRONMENT