

APPROVED

KS1100CS WALL AND CEILING PANEL SYSTEM FM APPROVED CONSTRUCTION DETAILS

<i>Dwg. Title</i>		<i>Scale</i>	<i>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</i>	The Kingspan logo, featuring a golden lion rampant above the word 'Kingspan' in blue, with 'Insulated Panels' in black below it.
Cover Page		NTS		
<i>Application</i>	<i>Dwg. No.</i>	<i>Rev.</i>	www.kingspanpanels.com.au	
Controlled Environments	CS PF 00	B		

Controlled Environments (KS1100CS)



Controlled Environments (KS1100 CS) - Drawing Register					
DATE	DWG TITLE	DRAWN BY	CHECKED BY	DRG_REF	REV
24.09.12	SHEET LIST	GKM	MT	CS_PF_01	B
24.09.12	TYPICAL SECTION THROUGH AN ENERGY EFFICIENT COLD STORE	GKM	MT	CS_PF_02	B
24.09.12	PARTITION TO CEILING/WALL JOINT	GKM	MT	CS_PF_03	B
24.09.12	PARTITION TO WALL TO FLOOR JOINT - INSULATED FLOOR	GKM	MT	CS_PF_04	B
24.09.12	WALL TO CEILING JOINT	GKM	MT	CS_PF_05	B
24.09.12	WALL TO INSULATED FLOOR JOINT	GKM	MT	CS_PF_06	B
24.09.12	WALL TO NON-INSULATED FLOOR JOINT	GKM	MT	CS_PF_07	B
24.09.12	WALL TO INSULATED FLOOR JOINT	GKM	MT	CS_PF_08	B
24.09.12	END CEILING SUSPENSION	GKM	MT	CS_PF_09	B
24.09.12	INTERMEDIATE CEILING SUSPENSION	GKM	MT	CS_PF_10	B
24.09.12	CEILING SUSPENSION	GKM	MT	CS_PF_11	B
24.09.12	INTERMEDIATE SUPPORT DETAIL FOR EXTERNAL WALLS	GKM	MT	CS_PF_12	B
24.09.12	WALL TO WALL JOINT - PLAN SECTION	GKM	MT	CS_PF_13	B
24.09.12	PARTITION WALL TO NON-INSULATED FLOOR JOINT	GKM	MT	CS_PF_14	B
24.09.12	DUAL TEMPERATURE CEILING - DETAIL A	GKM	MT	CS_PF_15	B
24.09.12	DUAL TEMPERATURE CEILING - DETAIL B	GKM	MT	CS_PF_16	B
24.09.12	WALL TO INSULATED FLOOR JOINT - ALTERNATIVE B	GKM	MT	CS_PF_17	B
24.09.12	PARTITION TO WALL/CEILING JOINT	GKM	MT	CS_PF_18	B
24.09.12	CEILING SUSPENSION - OPTION 1	GKM	MT	CS_PF_19	B
24.09.12	CEILING SUSPENSION - OPTION 2	GKM	MT	CS_PF_20	B
24.09.12	JOINT ASSEMBLY DETAIL	GKM	MT	CS_PF_21	B

Dwg. Title	Scale	<p>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</p> 
Sheet List	NTS	
Application	Dwg. No.	Rev.
Controlled Environments	CS PF 01	B

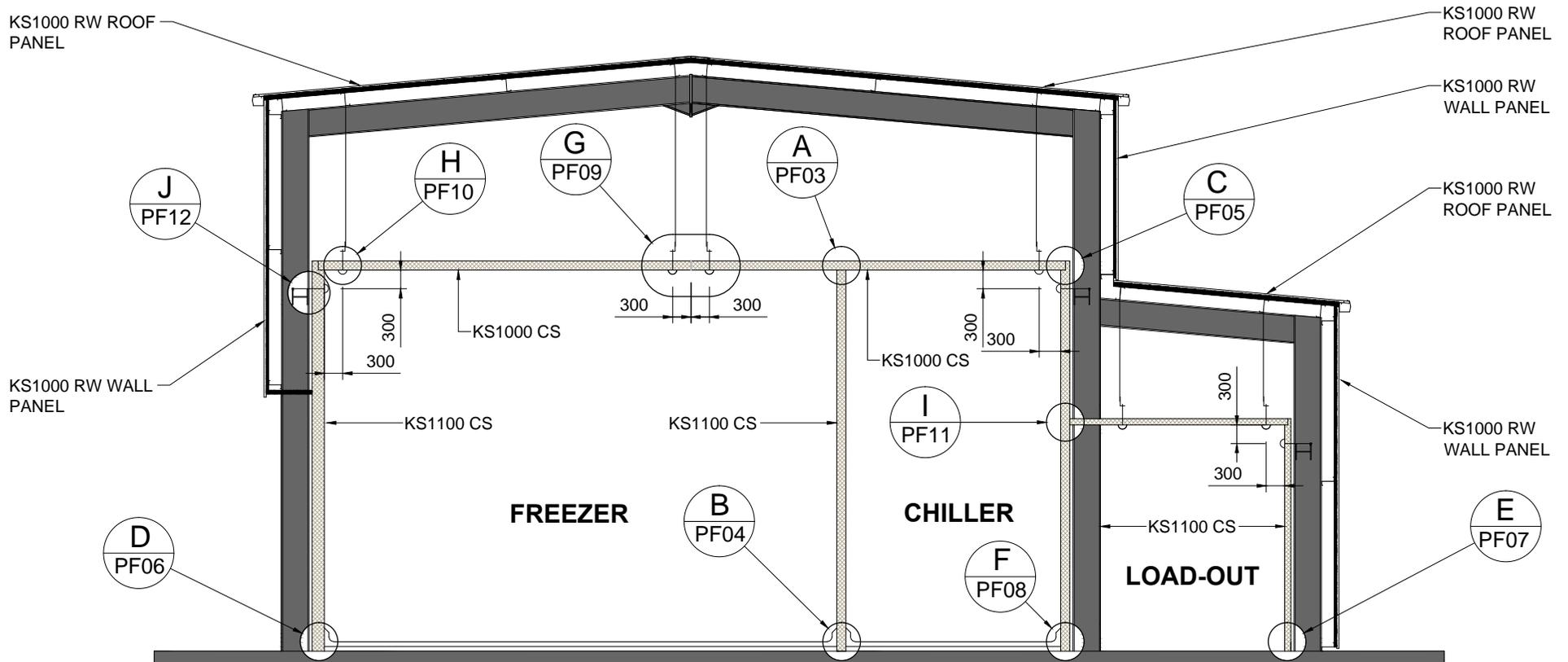
www.kingspanpanels.com.au

Controlled Environments (KS1100CS)



NOTES:
FOR INFORMATION ON KS1000 RW ROOF AND WALL PRODUCTS
PLEASE CONTACT SALES ON 02 8889 3000

NOTES:
ENGINEERING ASSESSMENT IS REQUIRED TO ENSURE STRUCTURAL
ADEQUACY OF A PARTICULAR INSTALLATION

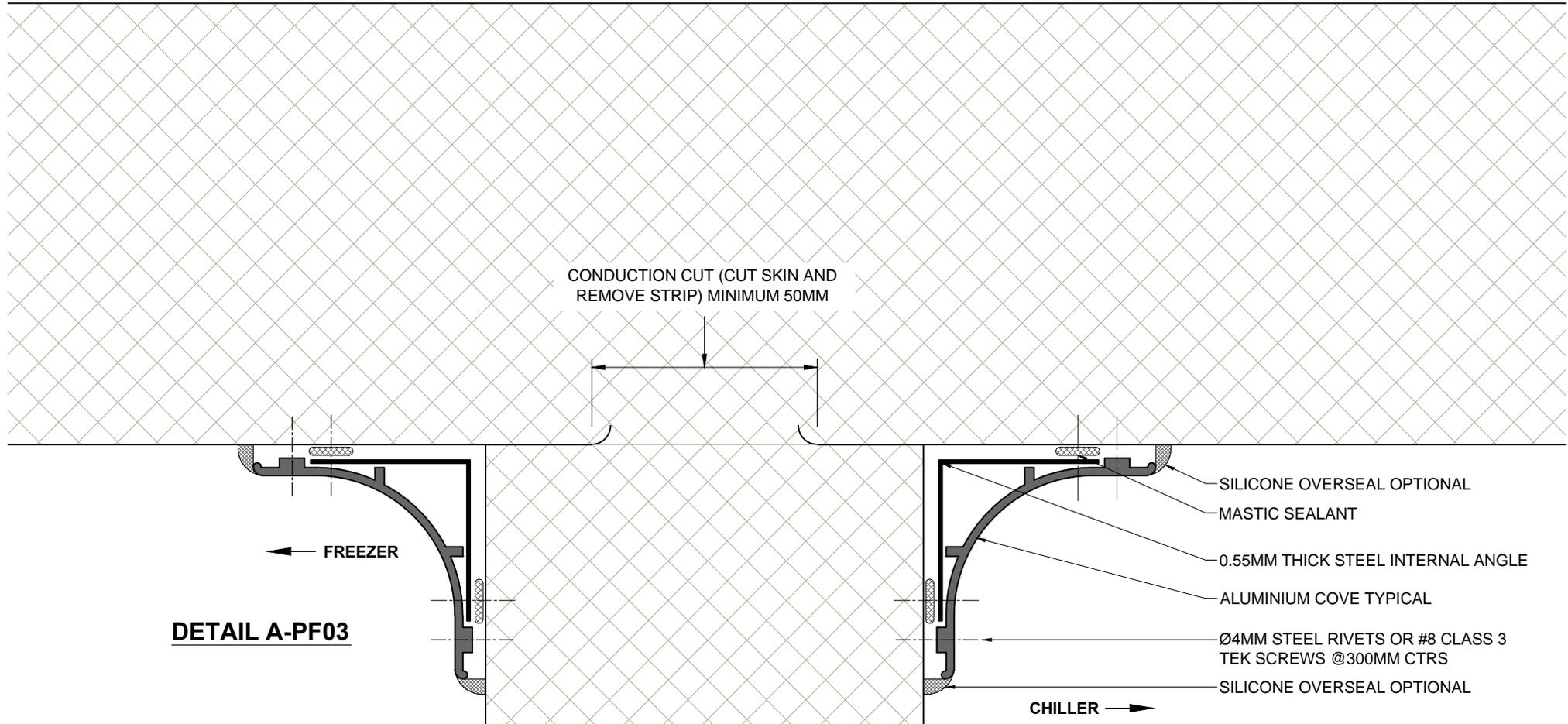


Dwg. Title		Scale	<p><i>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</i></p> <p>www.kingspanpanels.com.au</p>
Typical Section Through an Energy Efficient Cold Store		NTS	
Application	Dwg. No.	Rev.	
Controlled Environments	CS PF 02	B	

Controlled Environments (KS1100CS)

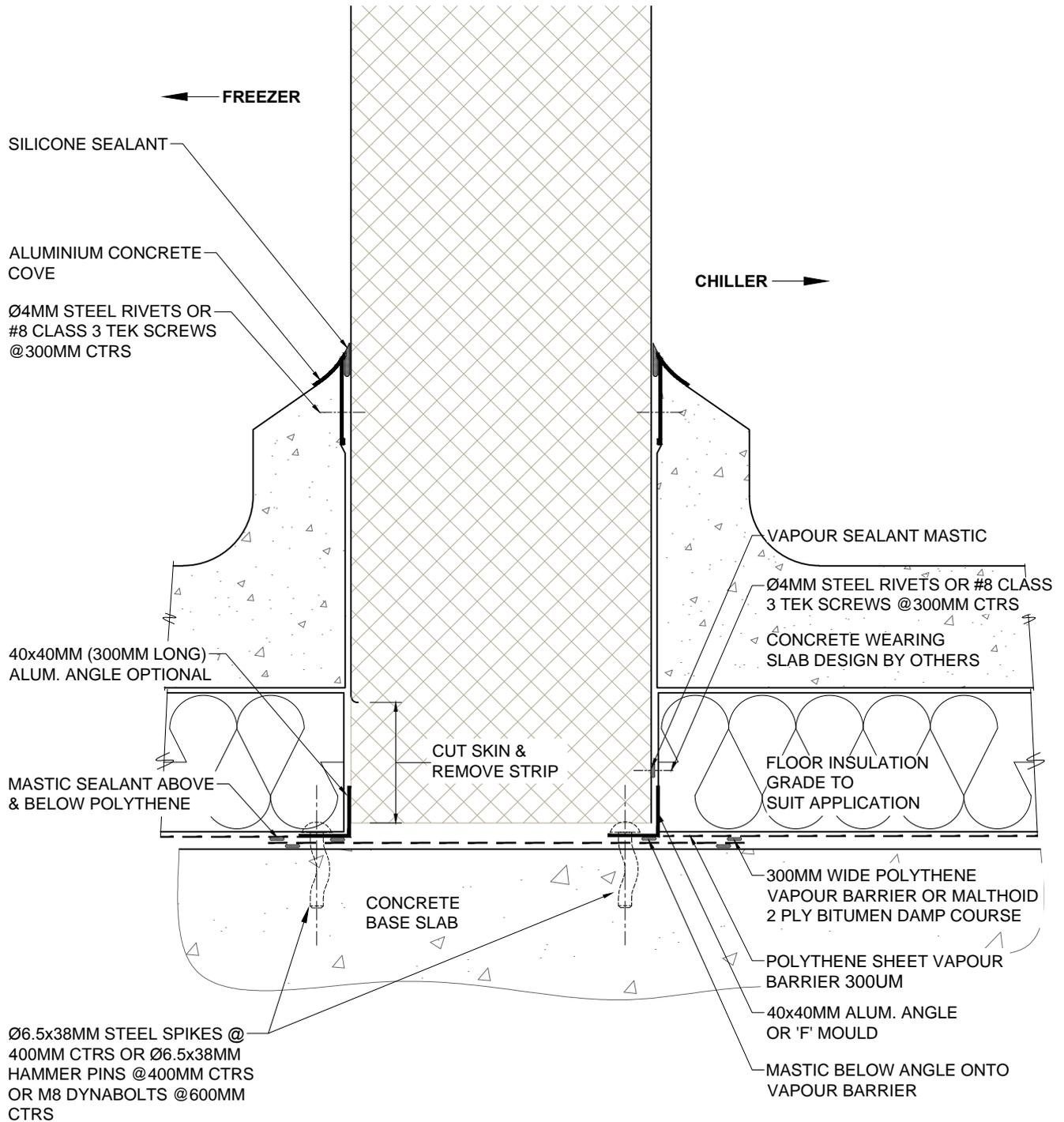


↑
OUTSIDE



Dwg. Title	Scale	<p><i>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</i></p> <p>www.kingspanpanels.com.au</p>	
Partition To Ceiling/Wall Joint	NTS		
Application	Dwg. No.	Rev.	
Controlled Environments	CS PF 03	B	

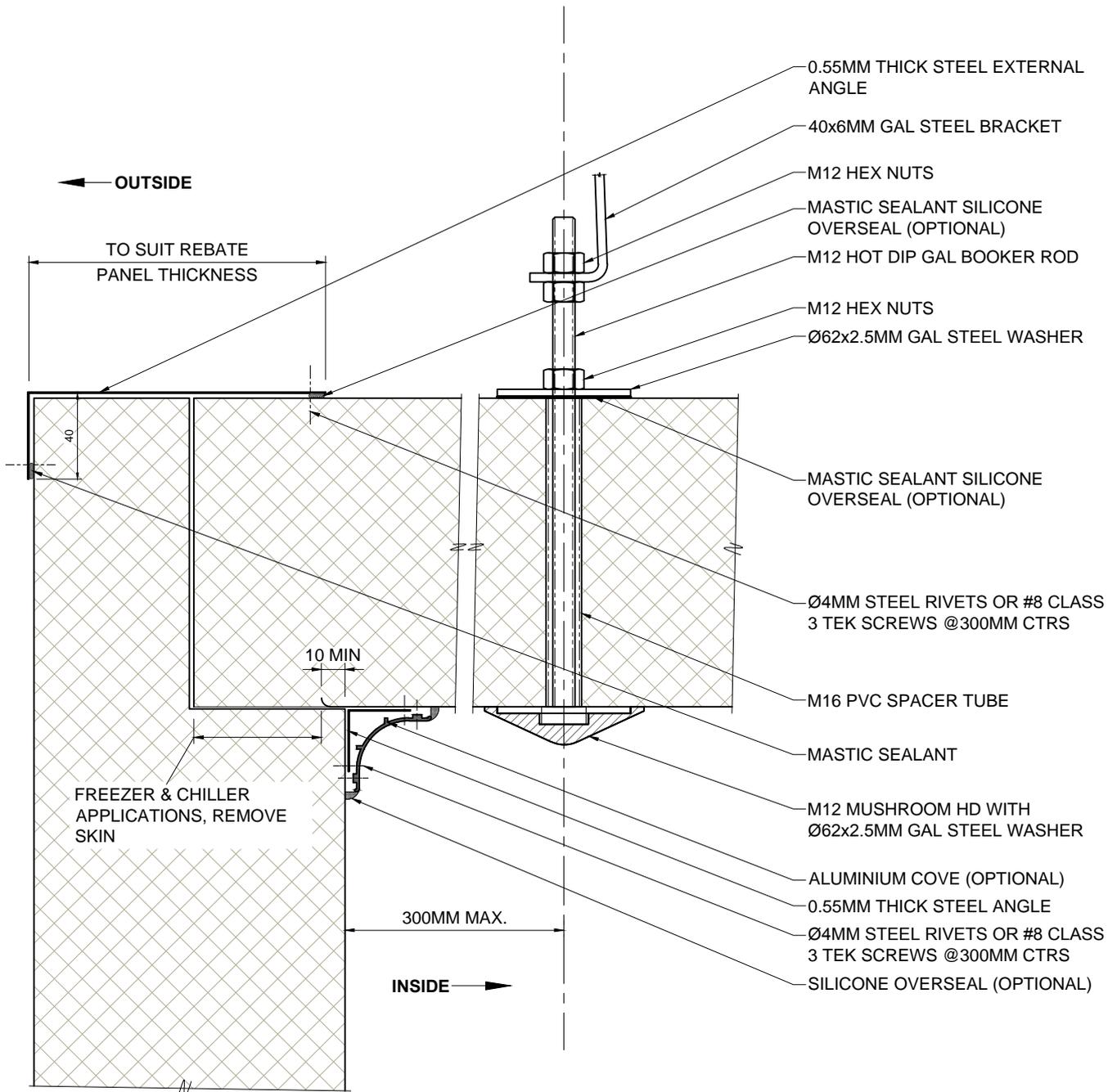
Controlled Environments (KS1100CS)



DETAIL B-PF04

Dwg. Title		Scale	<p>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</p> <p>www.kingspanpanels.com.au</p>	
Partition Wall To Floor Joint - Insulated Floor		NTS		
Application	Dwg. No.	Rev.		
Chiller/Freezer Application	CS PF 04	B		

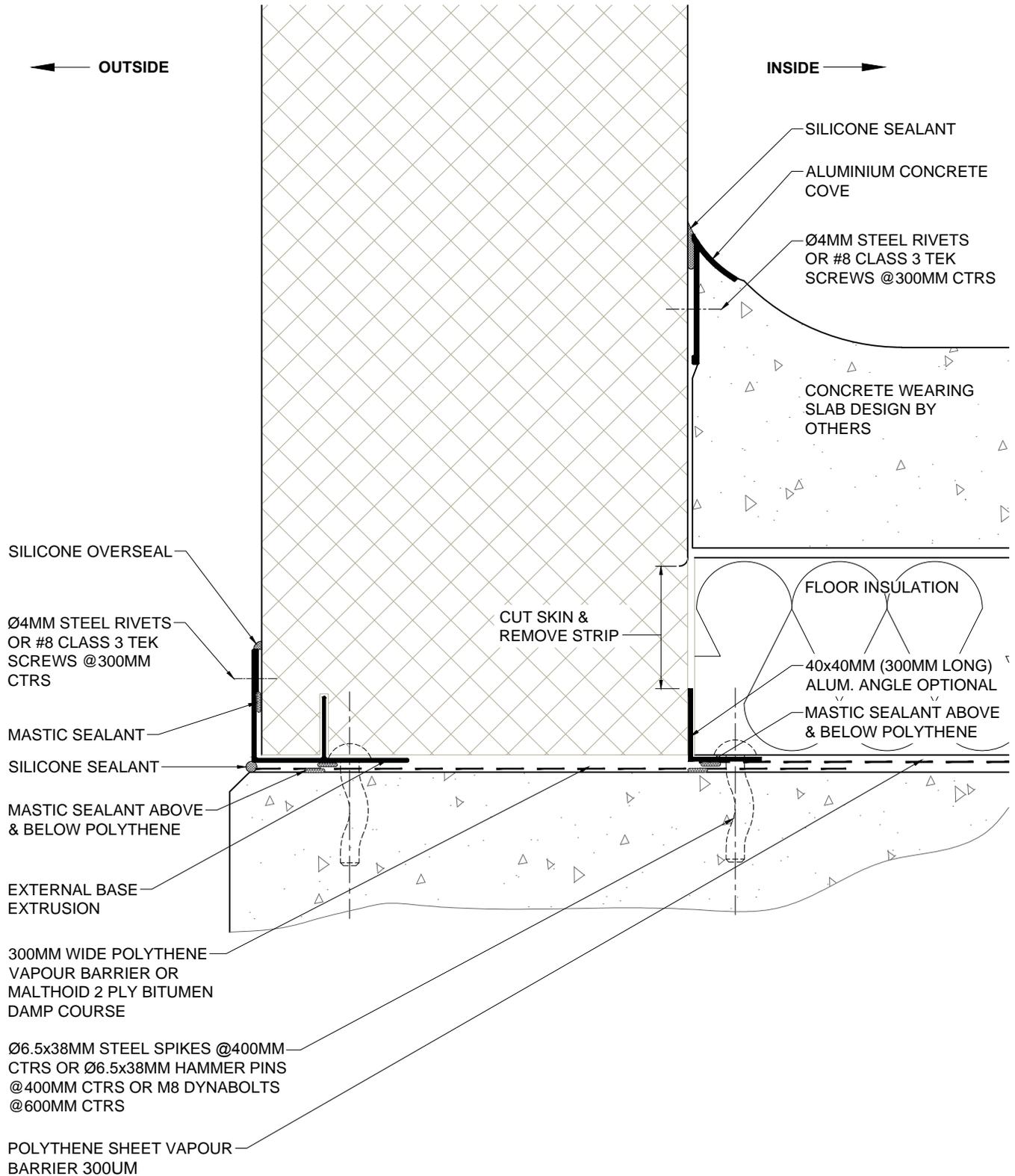
Controlled Environments (KS1100CS)



DETAIL C-PF05

Dwg. Title		Scale	<p>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</p> <p>www.kingspanpanels.com.au</p>	
Wall To Ceiling Joint		NTS		
Application	Dwg. No.	Rev.		
Chiller/Freezer Option	CS PF 05	B		

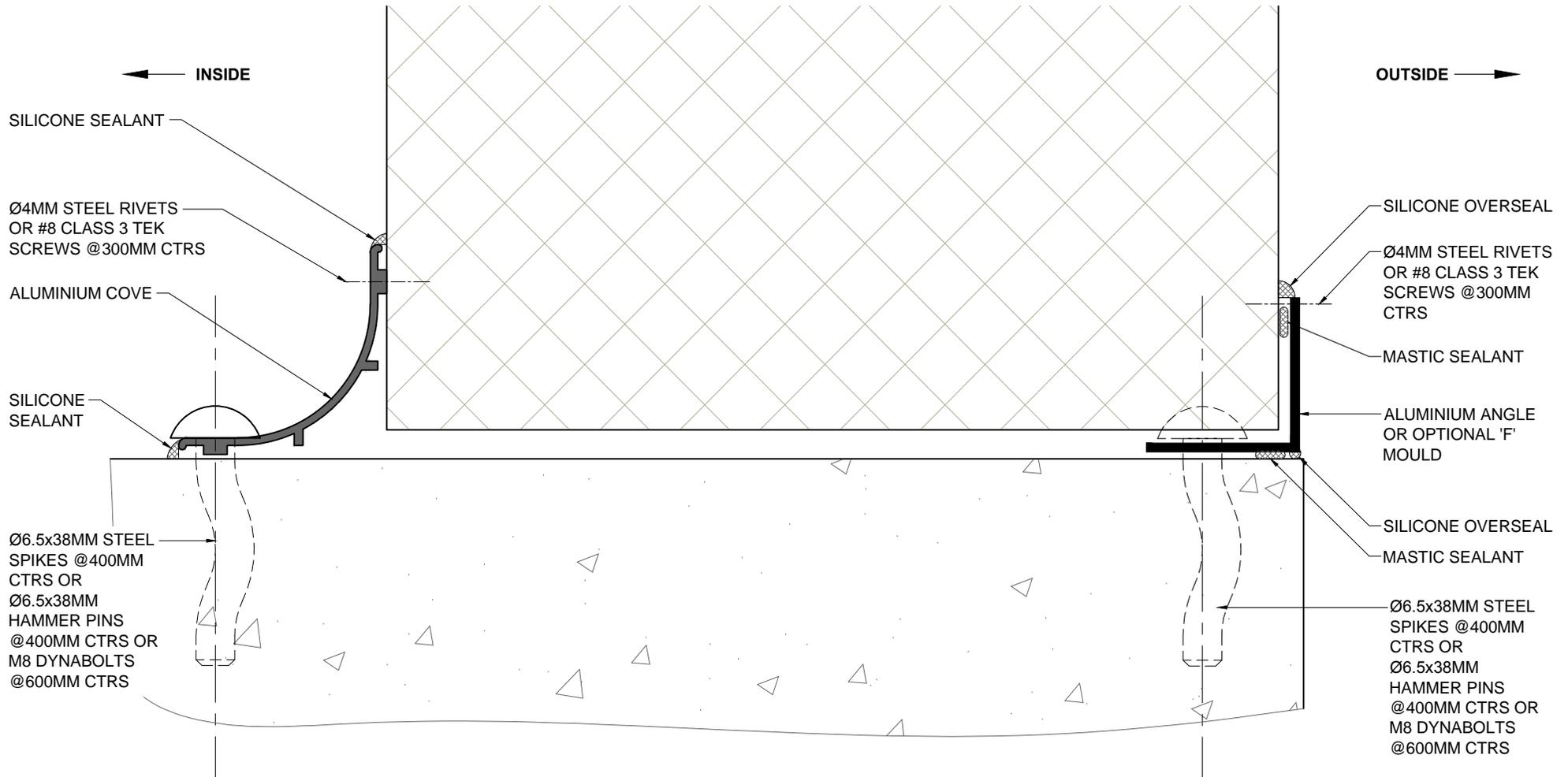
Controlled Environments (KS1100CS)



DETAIL D-PF06

Dwg. Title		Scale	<p>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</p> <p>www.kingspanpanels.com.au</p>	
Wall To Insulated Floor Joint		NTS		
Application	Dwg. No.	Rev.		
Chiller/Freezer Application	CS PF 06	B		

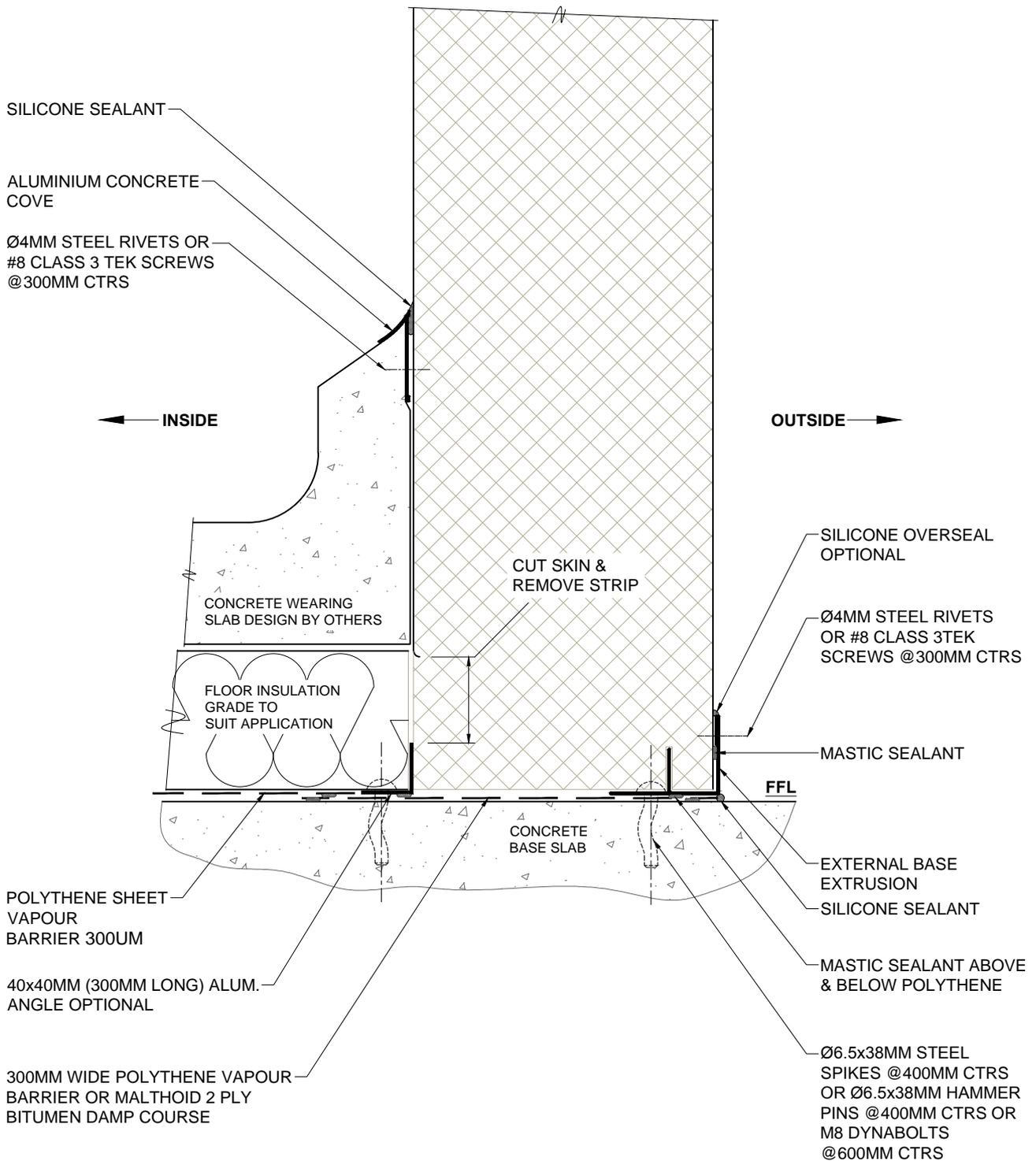
Controlled Environments (KS1100CS)



DETAIL E-PF07

Dwg. Title		Scale	<p>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</p> <p>www.kingspanpanels.com.au</p>
Wall To Non-Insulated Floor Joint		NTS	
Application	Dwg. No.	Rev.	
Chiller/Freezer Application	CS PF 07	B	

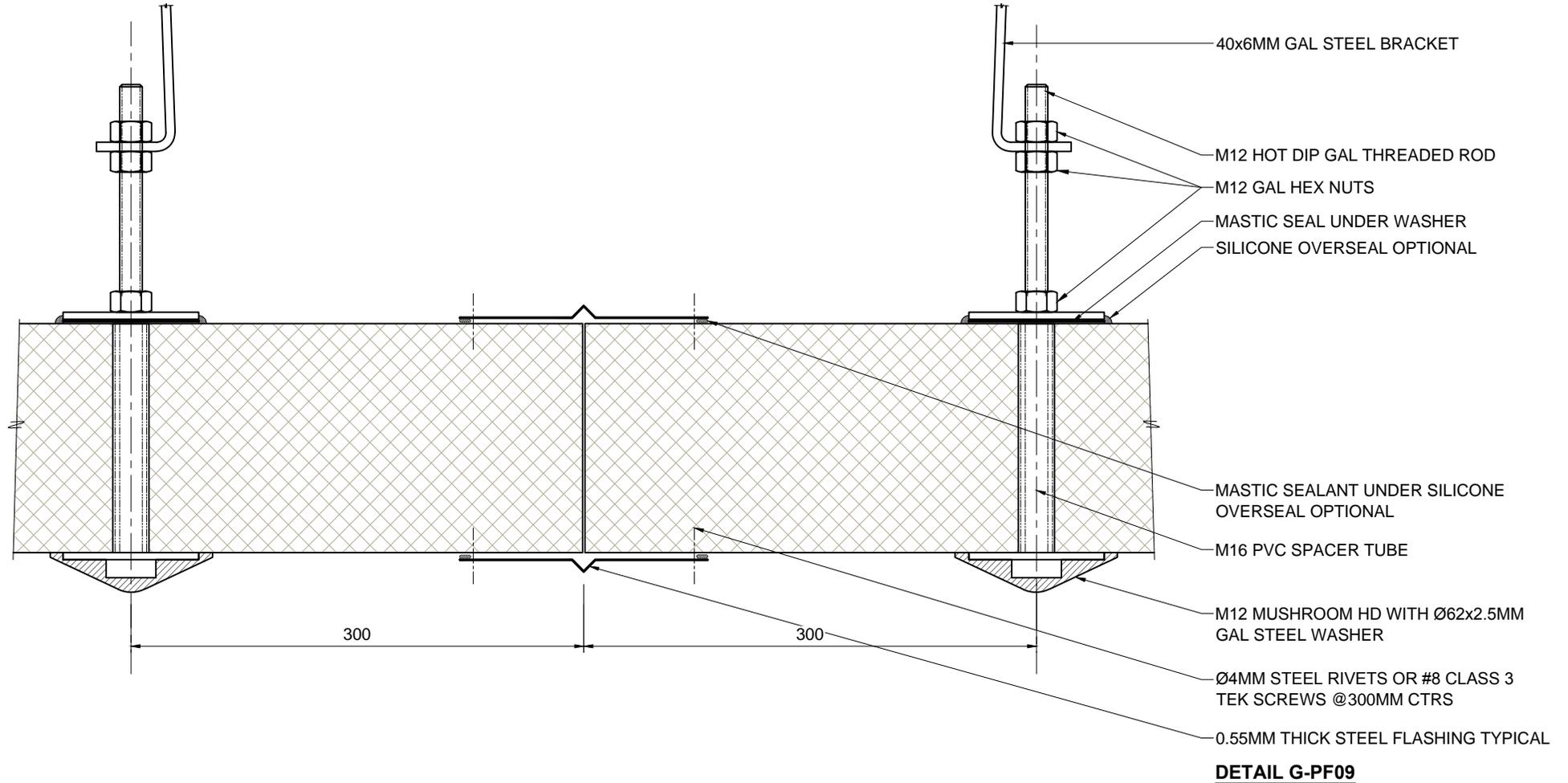
Controlled Environments (KS1100CS)



DETAIL F-PF08

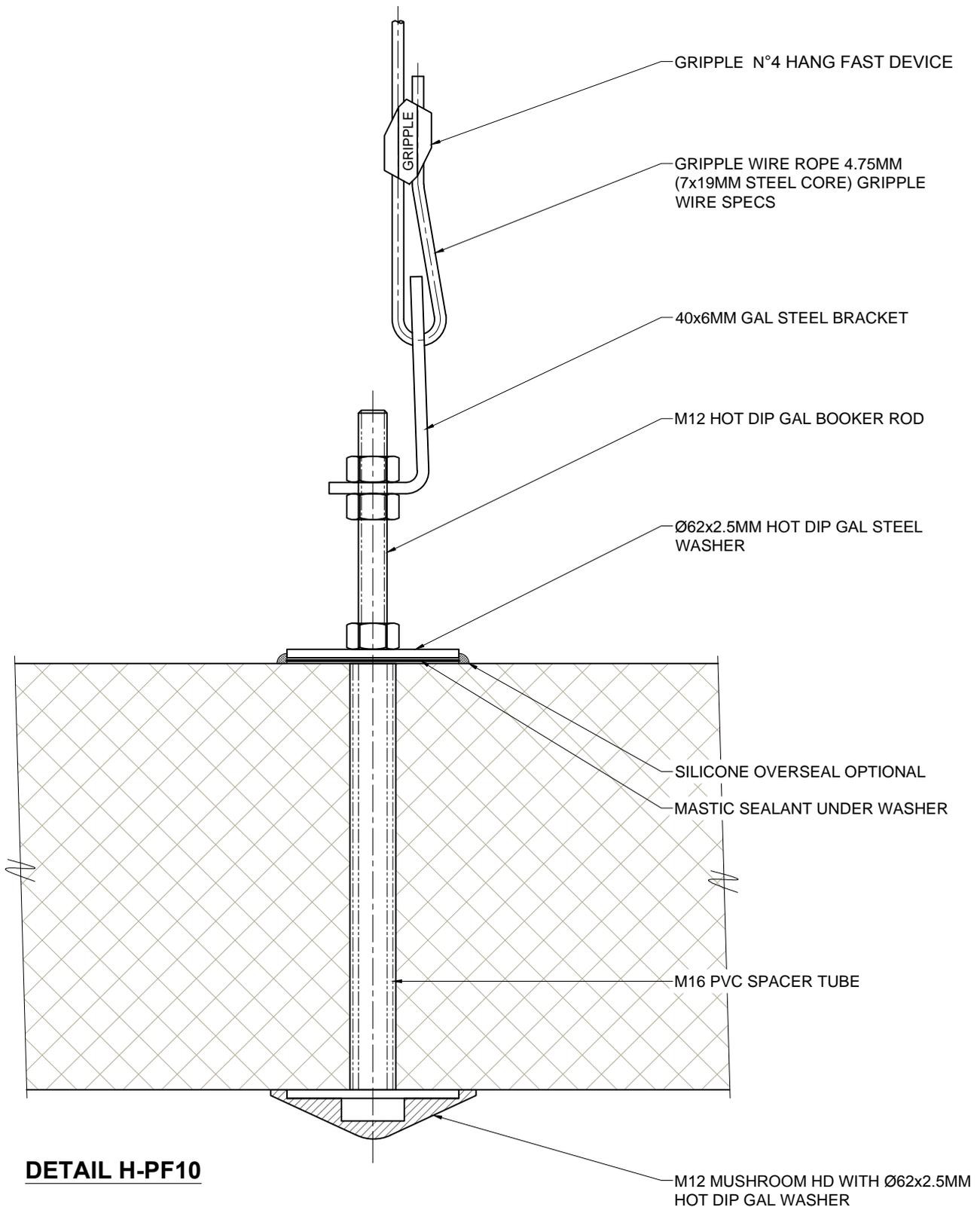
Dwg. Title		Scale	<p>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</p> <p>www.kingspanpanels.com.au</p>	
Wall To Insulated Floor Joint		NTS		
Application	Dwg. No.	Rev.		
Chiller/Freezer Application	CS PF 08	B		

Controlled Environments (KS1100CS)



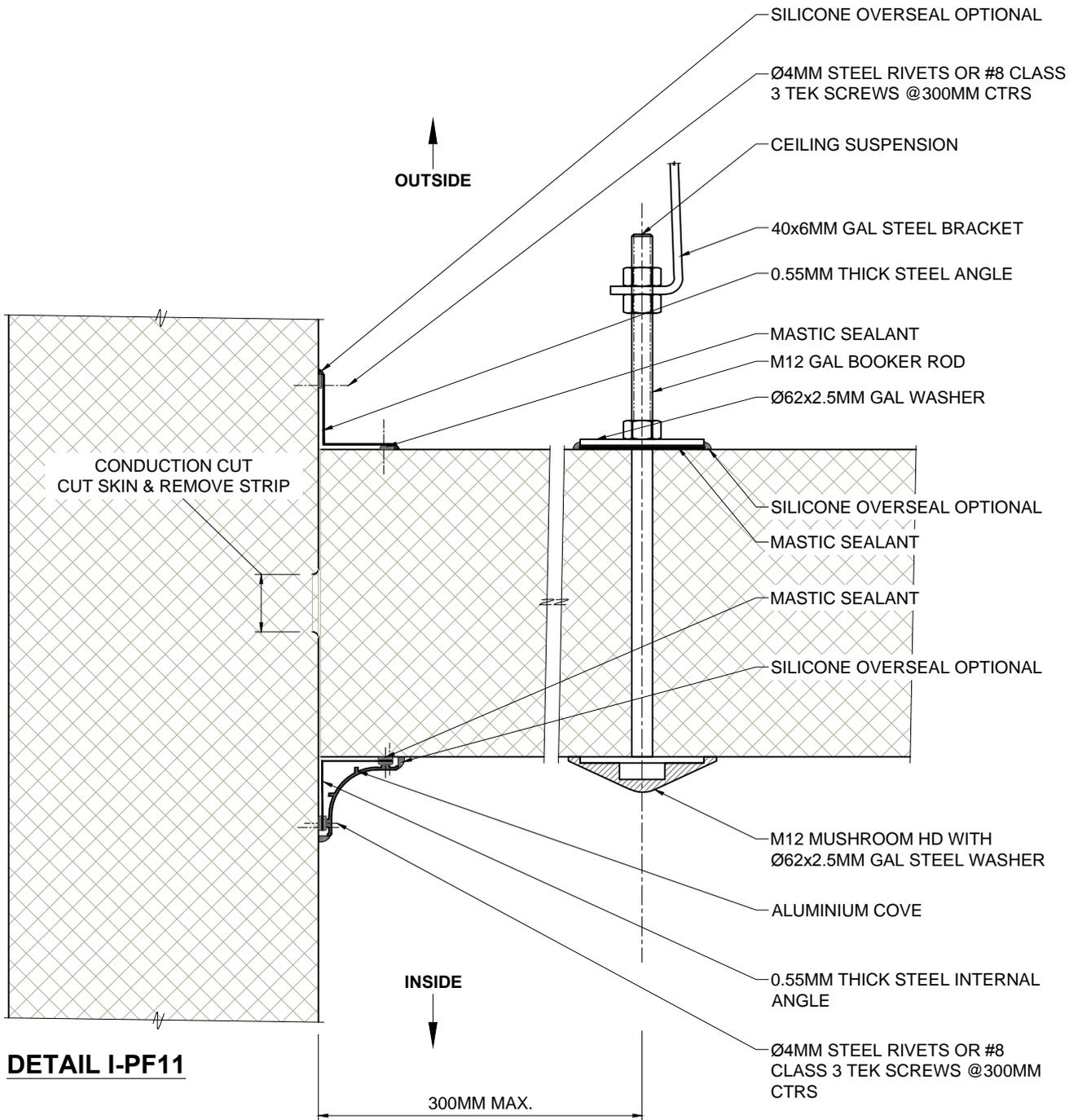
<i>Dwg. Title</i>		<i>Scale</i>	<p><i>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</i></p> <p>www.kingspanpanels.com.au</p>
End Ceiling Suspension		NTS	
<i>Application</i>	<i>Dwg. No.</i>	<i>Rev.</i>	
Chiller/Freezer & Clean Store Application	CS PF 09	B	

Controlled Environments (KS1100CS)



Dwg. Title		Scale	<p>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</p> <p>www.kingspanpanels.com.au</p>	
Intermediate Ceiling Suspension		NTS		
Application	Dwg. No.	Rev.		
Chiller/Freezer Application	CS PF 10	B		

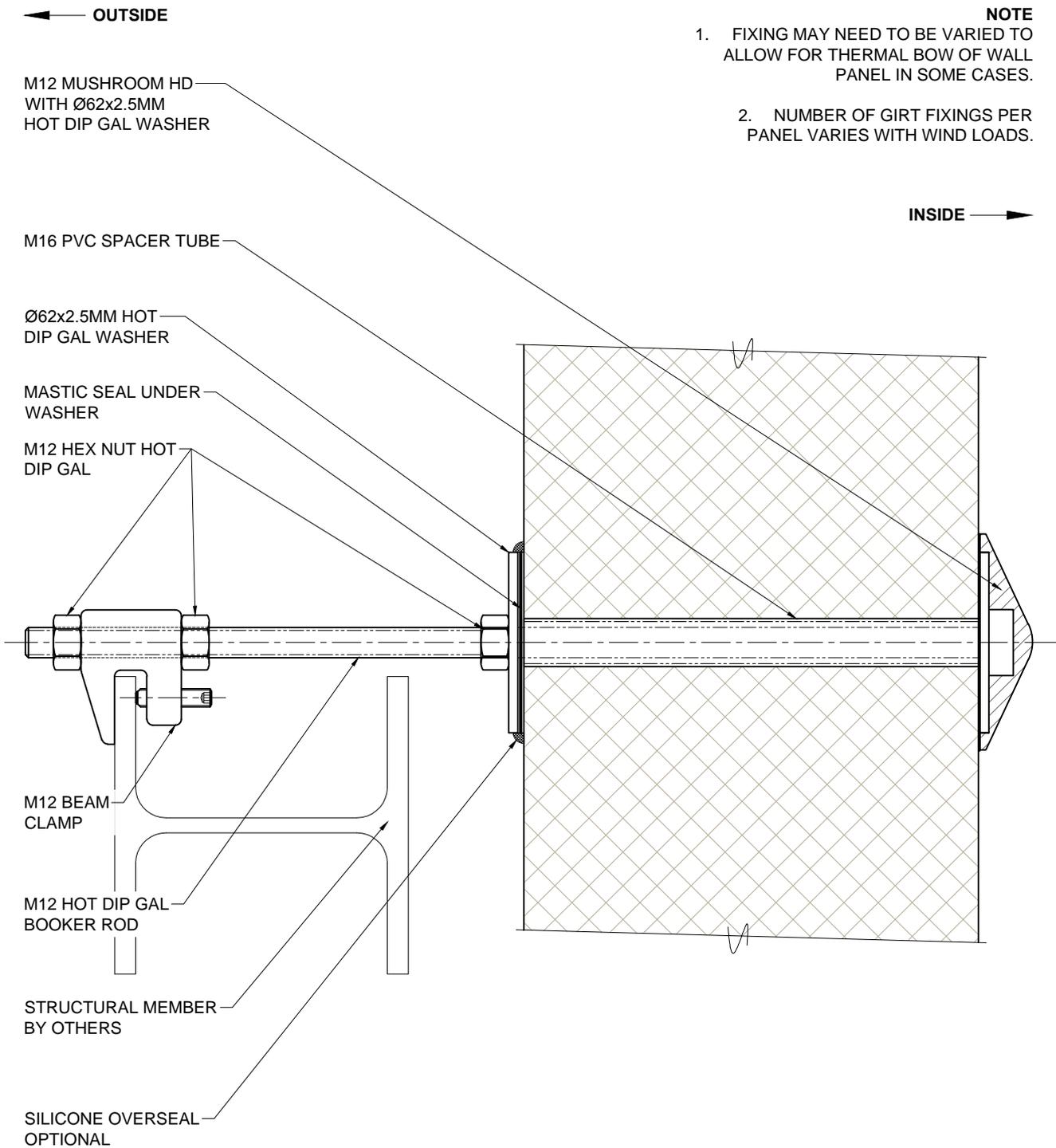
Controlled Environments (KS1100CS)



DETAIL I-PF11

Dwg. Title		Scale	<p>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</p> <p>www.kingspanpanels.com.au</p>	
Ceiling Suspension		NTS		
Application	Dwg. No.	Rev.		
Chiller/Freezer Application	CS PF 11	B		

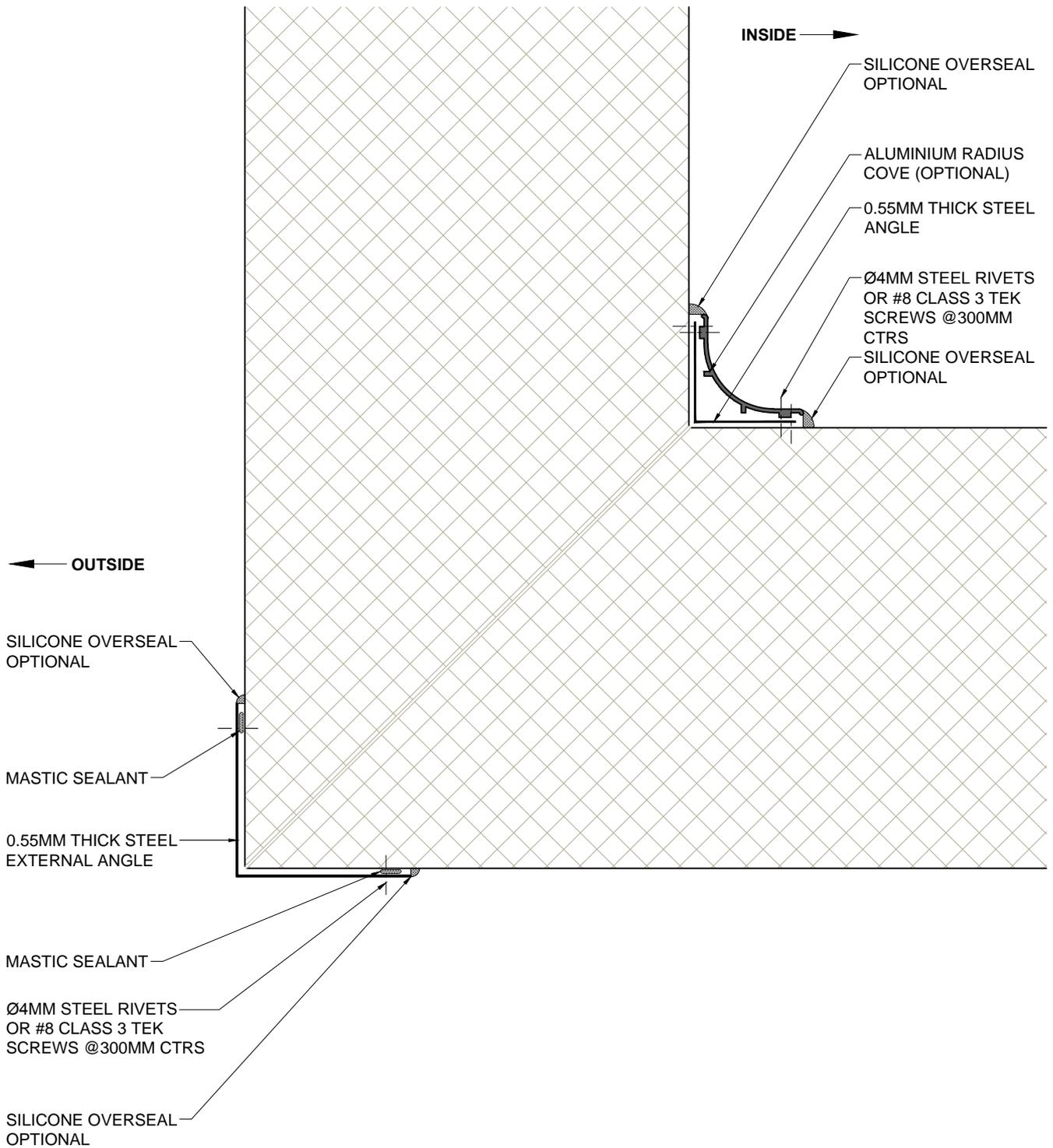
Controlled Environments (KS1100CS)



DETAIL J-PF12

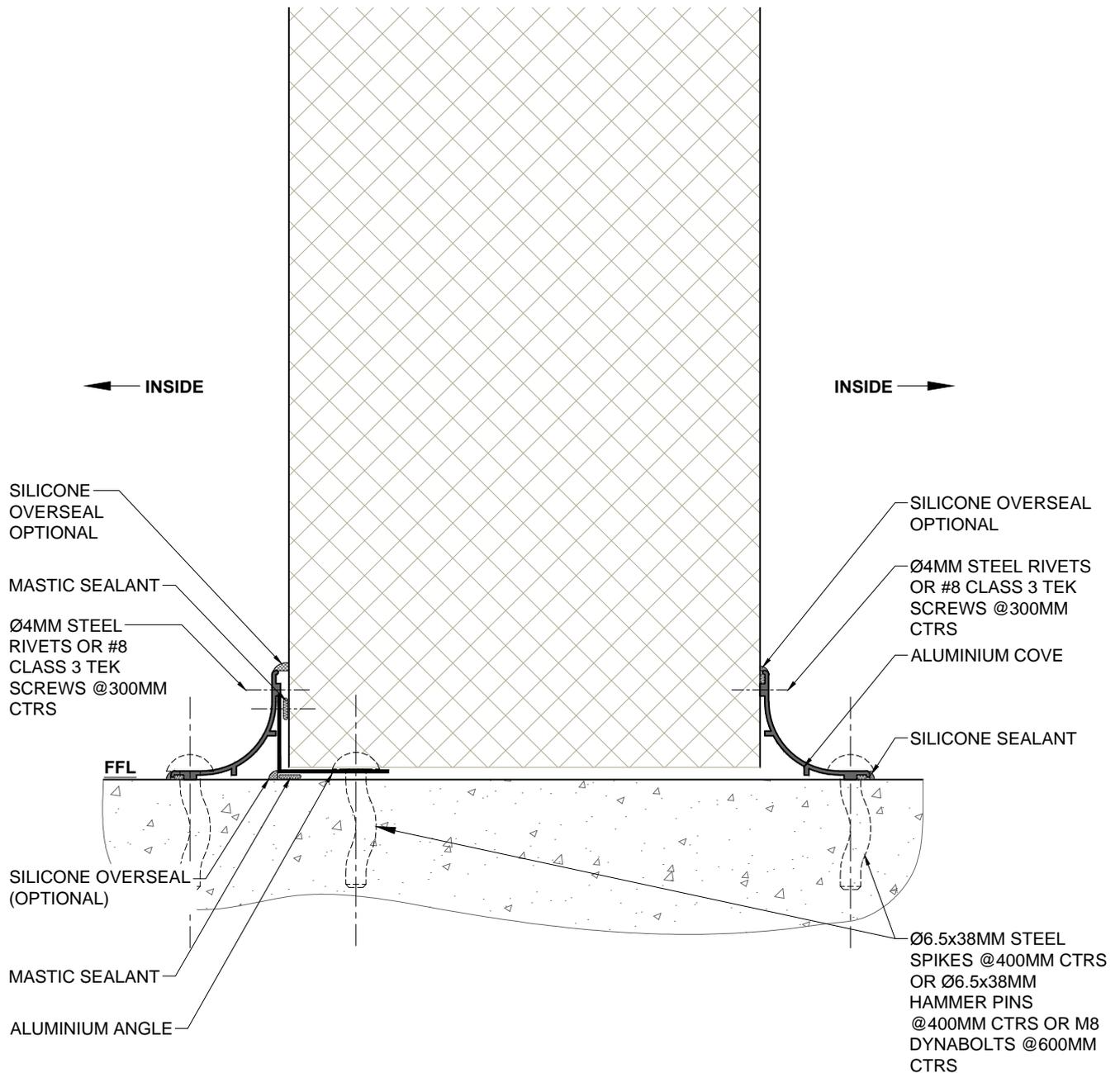
Dwg. Title		Scale	<p>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</p> <p>www.kingspanpanels.com.au</p>	
Intermediate Support Detail for External Walls		NTS		
Application	Dwg. No.	Rev.		
Chiller/Freezer	CS PF 12	B		

Controlled Environments (KS1100CS)



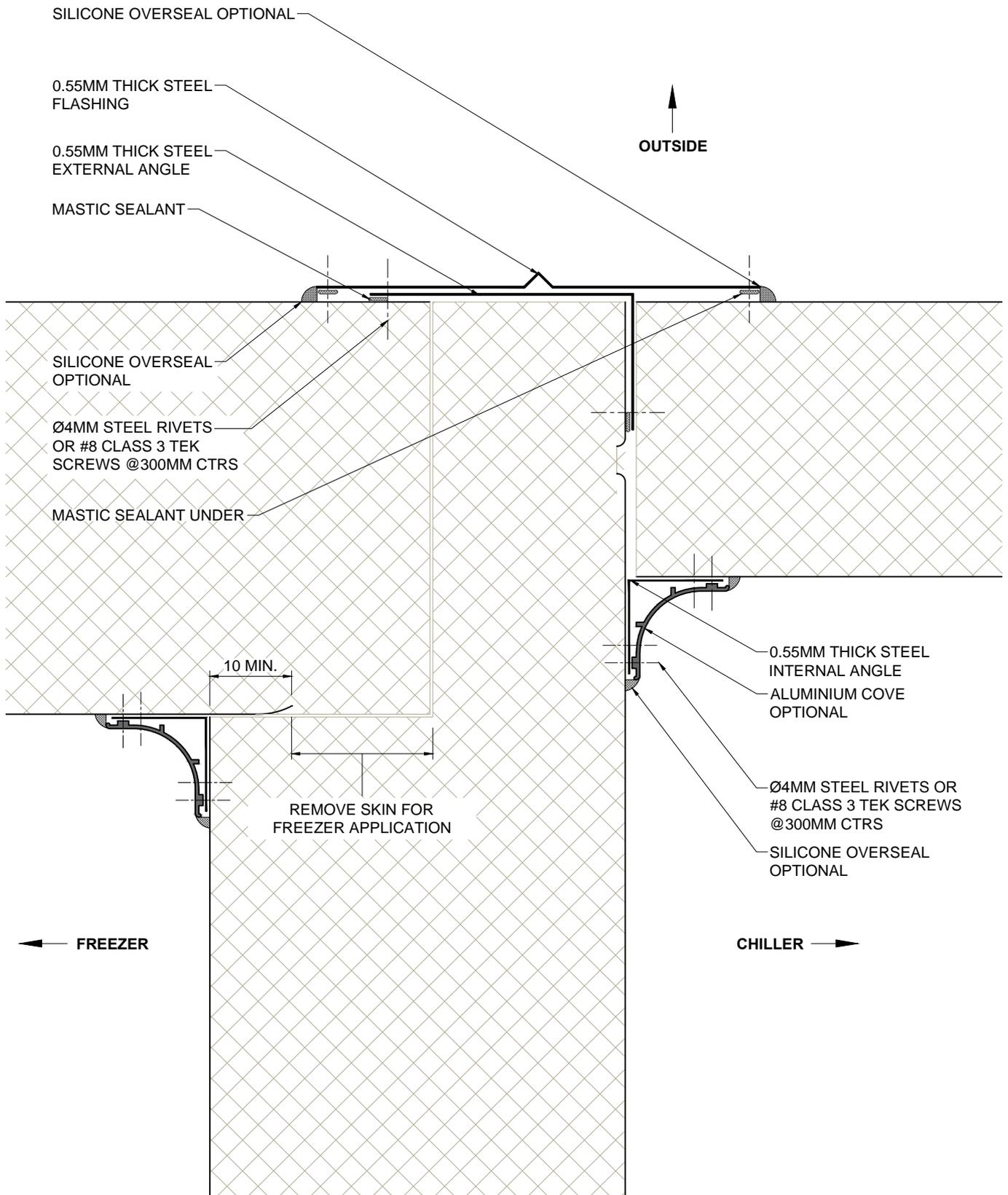
<i>Dwg. Title</i>		<i>Scale</i>	<p><i>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</i></p> <p>www.kingspanpanels.com.au</p>	
Wall To Wall Joint - Plan Section		NTS		
<i>Application</i>	<i>Dwg. No.</i>	<i>Rev.</i>		
Chiller/Freezer	CS PF 13	B		

Controlled Environments (KS1100CS)



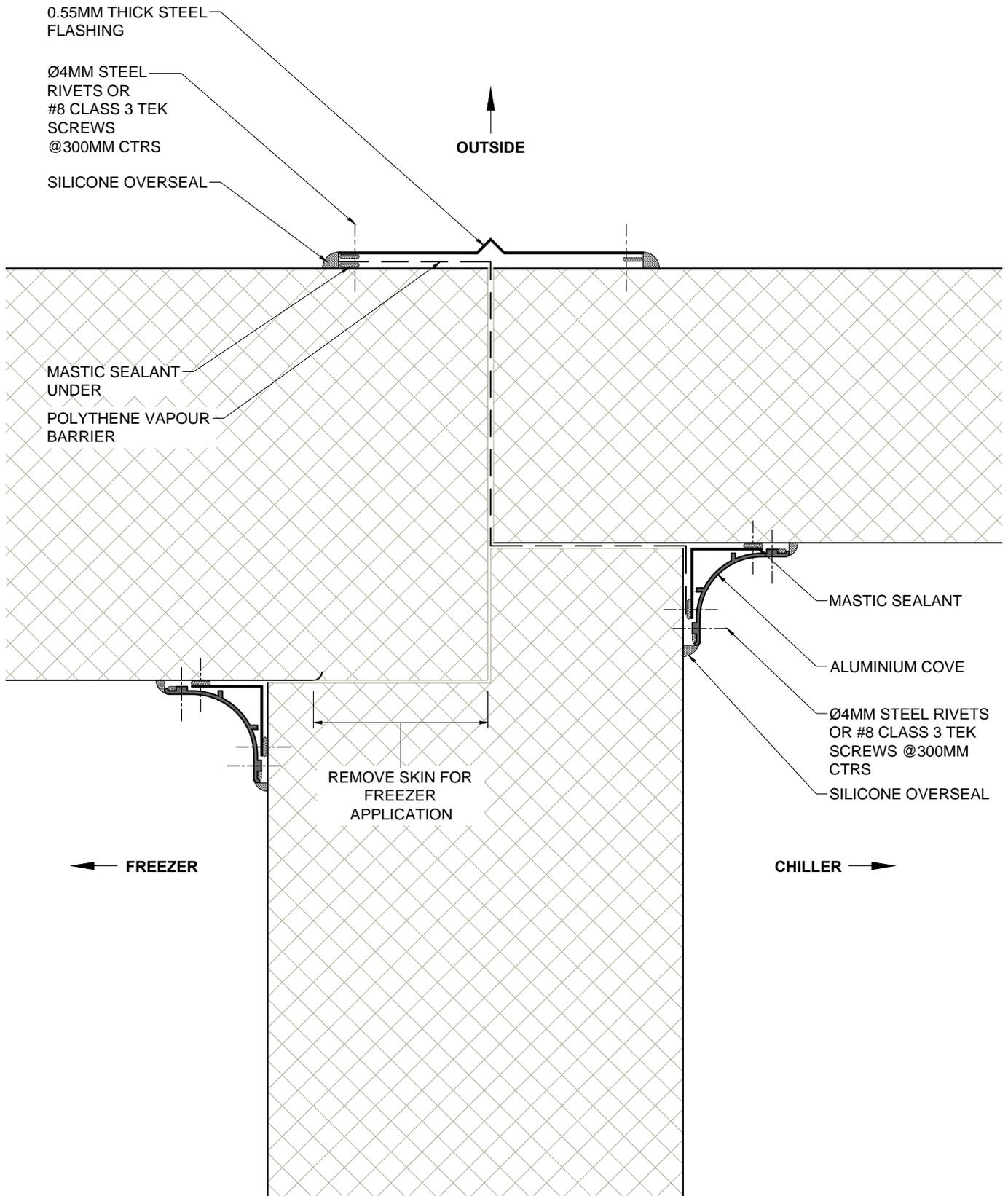
Dwg. Title		Scale	<p>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</p> <p>www.kingspanpanels.com.au</p>	
Partition Wall To Non-Insulated Floor Joint		NTS		
Application	Dwg. No.	Rev.		
Chiller/Freezer	CS PF 14	B		

Controlled Environments (KS1100CS)



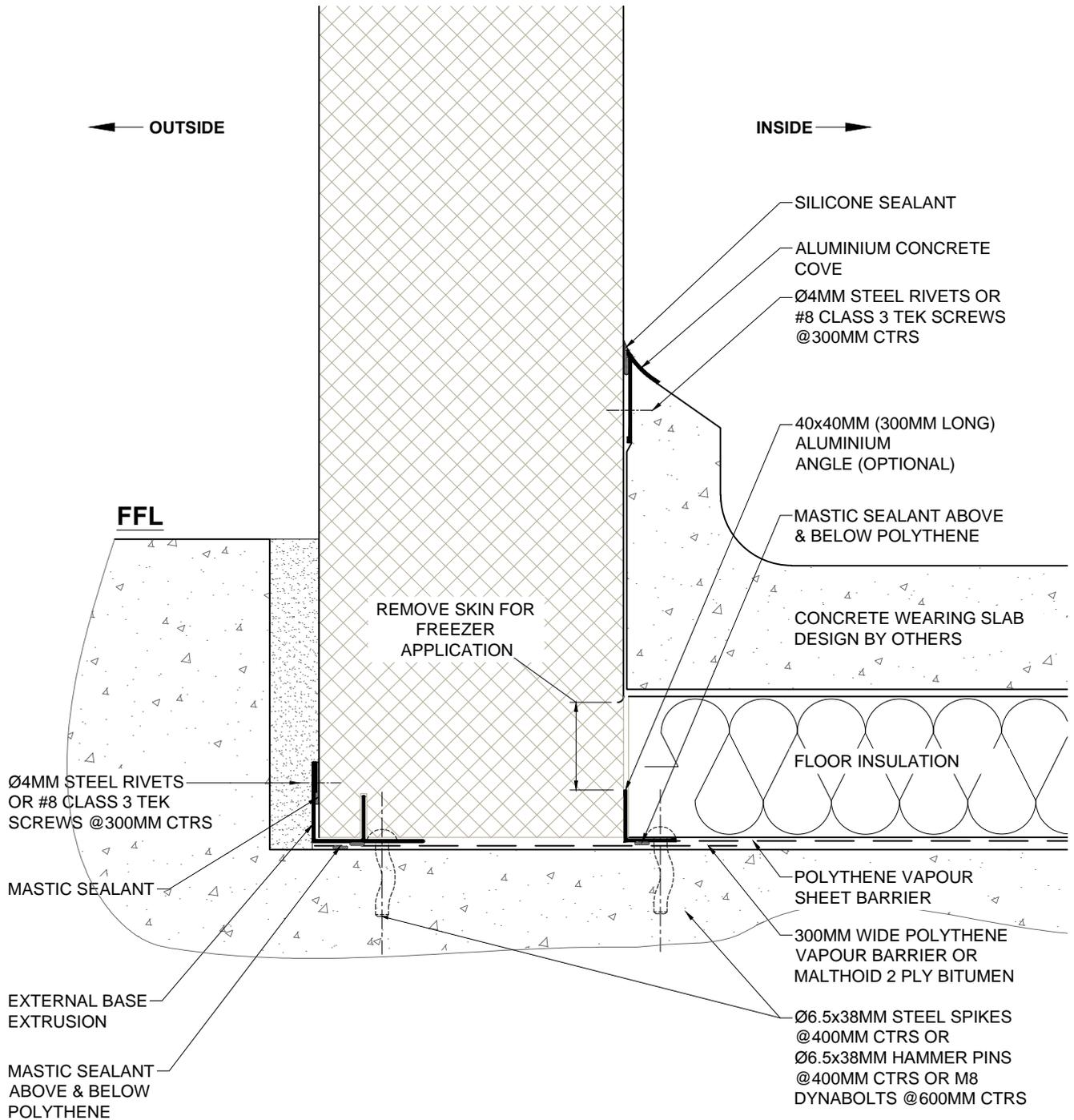
Dwg. Title		Scale	<p>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</p> <p>www.kingspanpanels.com.au</p>	
Dual Temperature Ceiling Detail A - Partition Wall		NTS		
Application	Dwg. No.	Rev.		
Chiller/Freezer	CS PF 15	B		

Controlled Environments (KS1100CS)



Dwg. Title		Scale	<p>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</p> <p>www.kingspanpanels.com.au</p>	
Dual Temperature Ceiling Detail B - Partition Wall		NTS		
Application	Dwg. No.	Rev.		
Chiller/Freezer	CS PF 16	B		

Controlled Environments (KS1100CS)

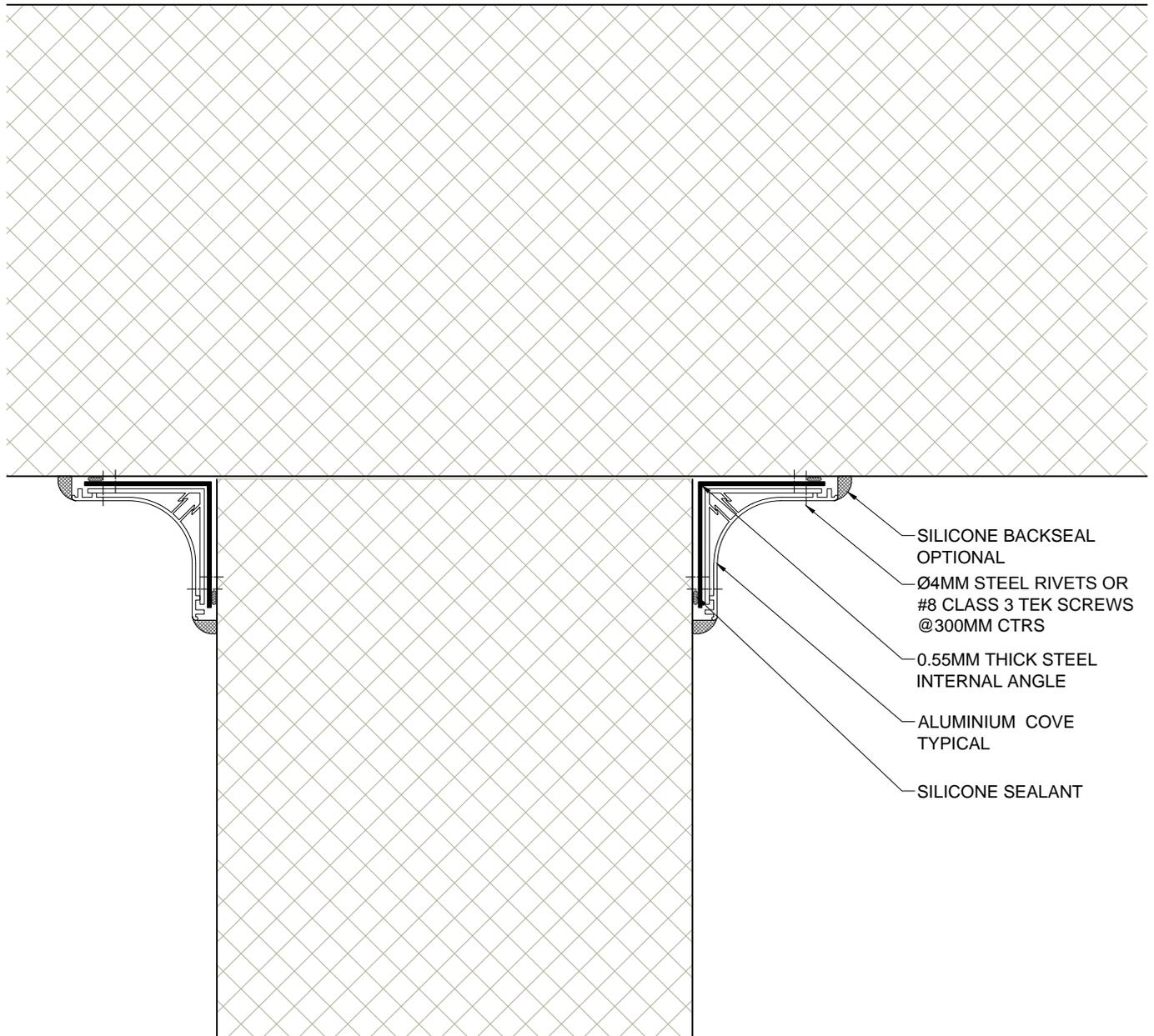


Dwg. Title		Scale	<p>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</p> <p>www.kingspanpanels.com.au</p>	
Wall To Insulated Floor Joint - Alternative B		NTS		
Application	Dwg. No.	Rev.		
Chiller/Freezer	CS PF 17	B		

Controlled Environments (KS1100CS)



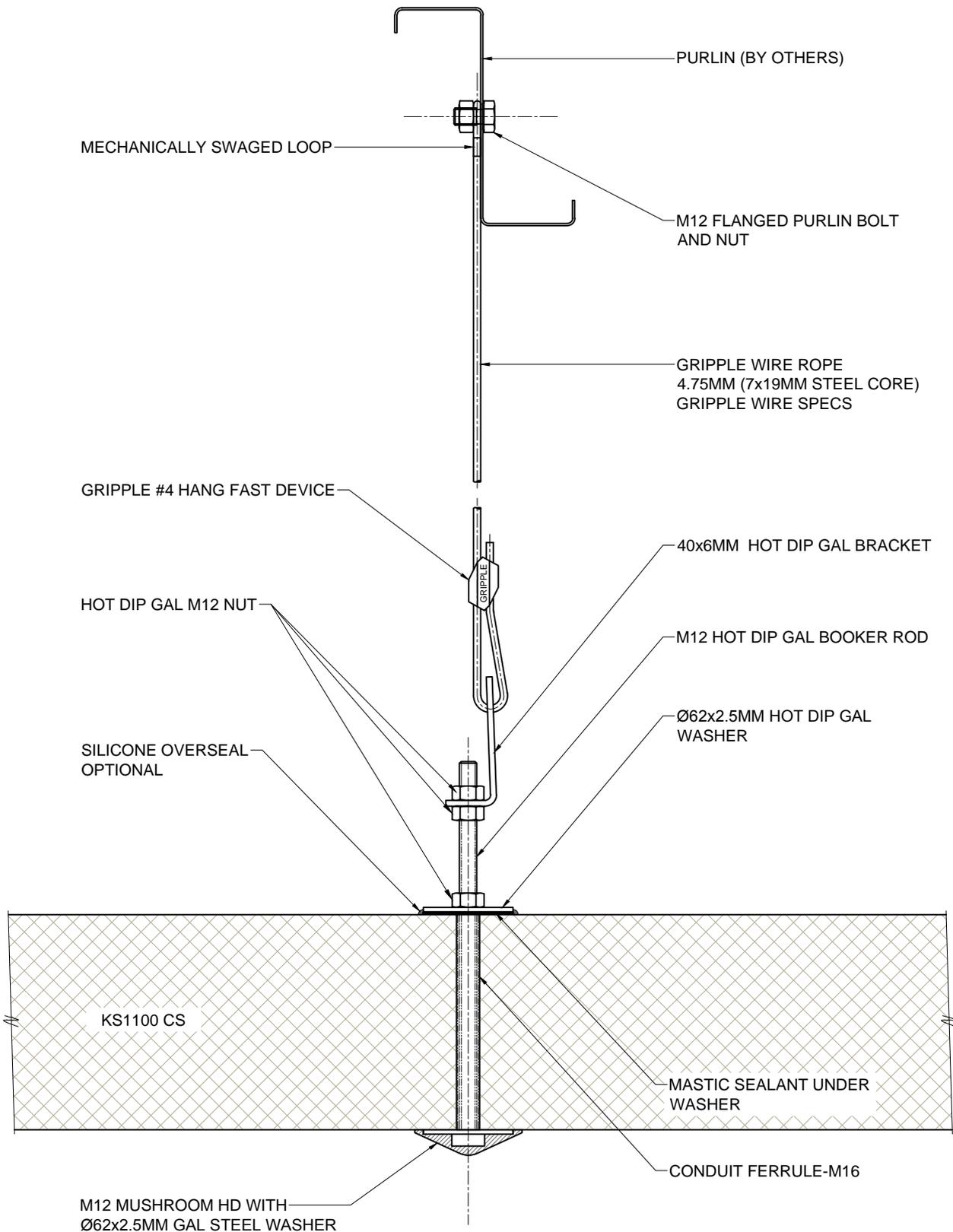
↑
OUTSIDE



- SILICONE BACKSEAL
OPTIONAL
- Ø4MM STEEL RIVETS OR
#8 CLASS 3 TEK SCREWS
@300MM CTRS
- 0.55MM THICK STEEL
INTERNAL ANGLE
- ALUMINIUM COVE
TYPICAL
- SILICONE SEALANT

<i>Dwg. Title</i>		<i>Scale</i>	<p><i>These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.</i></p> <p>www.kingspanpanels.com.au</p>	
Partition To Wall/Ceiling Joint		NTS		
<i>Application</i>	<i>Dwg. No.</i>	<i>Rev.</i>		
Chiller/Freezer	CS PF 18	B		

Controlled Environments (KS1100CS)



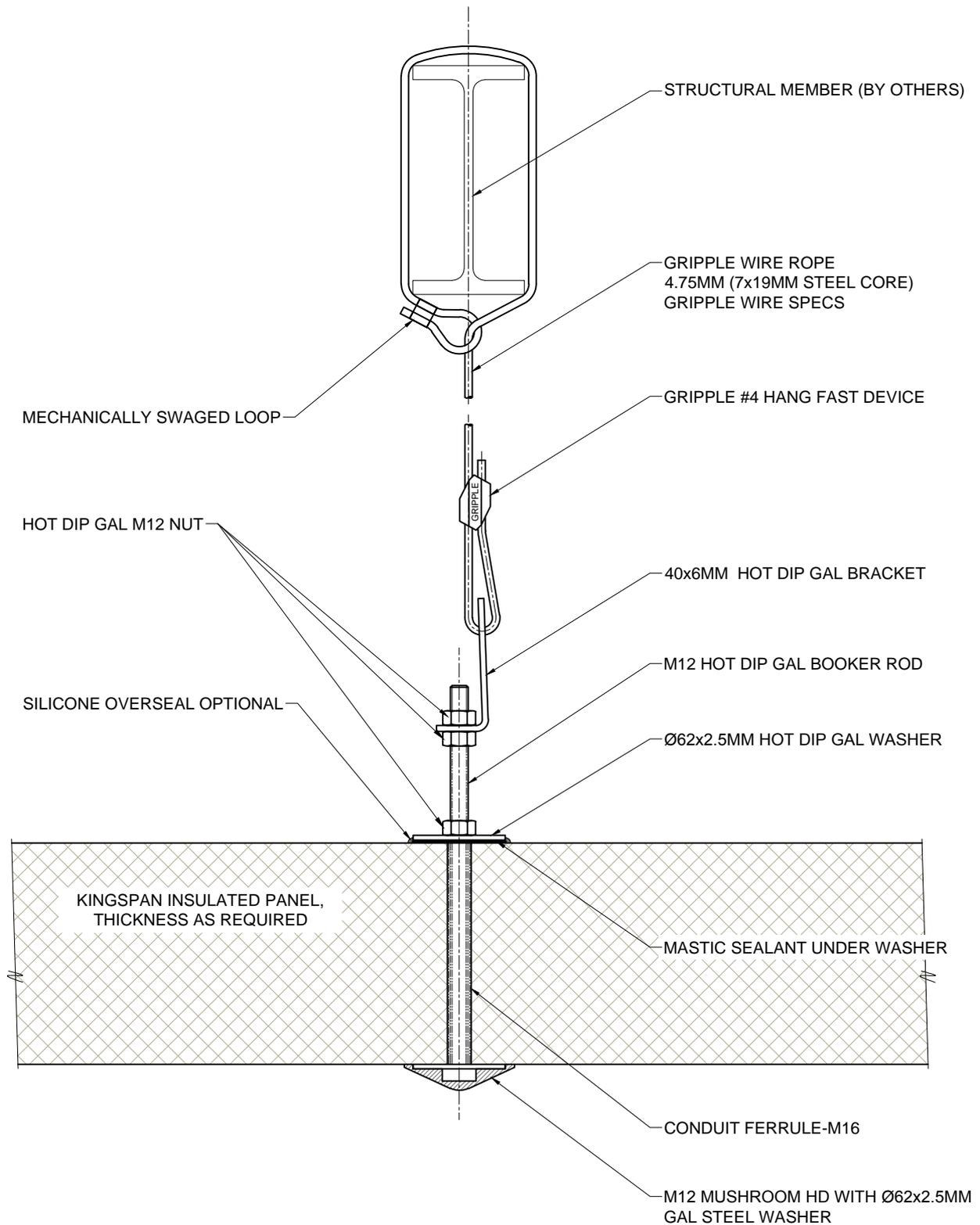
Dwg. Title		Scale
Ceiling Suspension - Option 1		NTS
Application	Dwg. No.	Rev.
Chiller/Freezer	CS PF 19	B

These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.

www.kingspanpanels.com.au



Controlled Environments (KS1100CS)



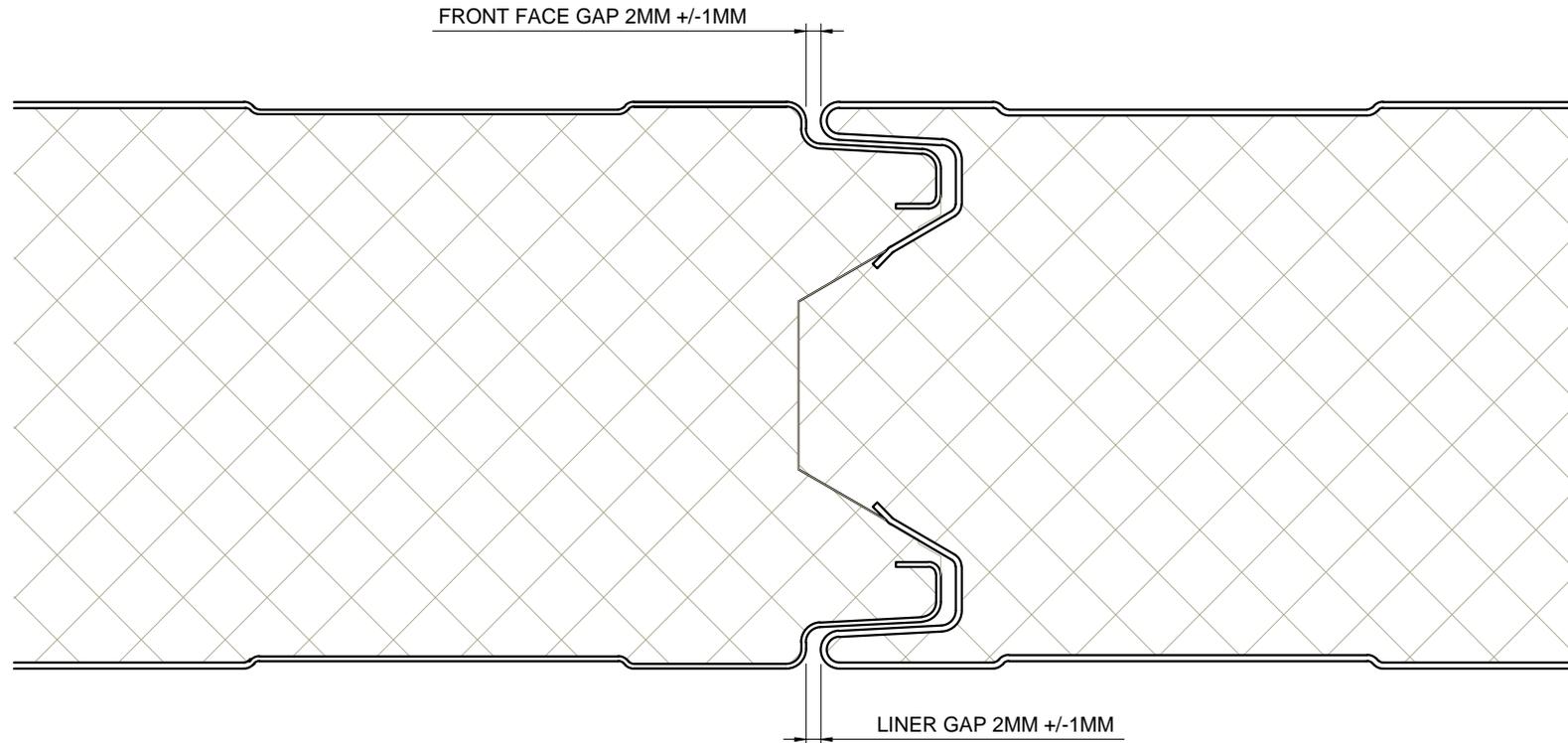
Dwg. Title		Scale
Ceiling Suspension - Option 2		NTS
Application	Dwg. No.	Rev.
Chiller/Freezer	CS PF 20	B

These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan.

www.kingspanpanels.com.au



Controlled Environments (KS1100CS)



NOTES:
 ENGINEERING ASSESSMENT IS REQUIRED TO ENSURE
 STRUCTURAL ADEQUACY OF A PARTICULAR INSTALLATION

<i>Dwg. Title</i>		<i>Scale</i>		These construction drawings are the property of Kingspan Insulated Panels Pty. Ltd. and may not be reproduced in anyway without written consent from Kingspan. www.kingspanpanels.com.au
Joint Assembly Detail		NTS		
<i>Application</i>	<i>Dwg. No.</i>	<i>Rev.</i>		
Chiller/Freezer	CS PF 21	B		