

## KINGSPAN CS PANEL DETAILS\_STD Q2 2015

DATE	DETAIL NAME	DRG_REF	REVISION
04.04.12	DRAWING LIST	CS_01	2
18.05.15	TYPICAL REBATED CORNER DETAIL	CS_02	3
04.04.12	SUSPENDED CEILING TO WALL JOIN DETAIL	CS_03	2
04.04.12	TYPICAL MITRED CORNER DETAIL	CS_04	2
04.04.12	CHILLER BASE DETAILS	CS_05	2
04.04.12	KINGSPAN COOLSTORE PANEL PROFILES	CS_17	2
20.07.15	KINGSPAN COOLSTORE PANEL JOIN DETAILS	CS_18	3
11.05.17	TYPICAL FREEZER SUSPENSION PLAN LAYOUT (SINGLE FIXING)	CS_FR_01	3
04.04.12	FREEZER WALL BASE DETAIL - PARTITION WALL	CS_FR_02	2
04.04.12	EXTERNAL FREEZER WALL BASE DETAIL	CS_FR_03	2
04.04.12	FREEZER EXTERNAL WALL - RECESSED BASE DETAIL	CS_FR_03a	2
04.04.12	FREEZER PANEL INTERMEDIATE WALL SUPPORT	CS_FR_04	2
04.04.12	WALL SUPPORT BRACKET (DOUBLE FIXING)	CS_FR_05	2
04.04.12	CEILING PANEL SUSPENSION DETAIL	CS_FR_06	2
04.04.12	COOLSTORE CEILING OR WALL JUNCTION DETAIL (MITRE)	CS_FR_07	2
04.04.12	CEILING SUSPENSION DETAIL - THERMAL BREAK	CS_FR_08	2
04.04.12	COOLSTORE CEILING OR WALL JUNCTION DETAIL (STEP BUTT)	CS_FR_09	2
04.04.12	COOLSTORE CEILING SUSPENSION DETAIL (WIRE ROPE)	CS_FR_10	2
04.04.12	COOLSTORE CEILING PANEL BUTT JOIN AT DOUBLE BRACKET	CS_FR_11	2
11.05.17	CEILING PANEL SINGLE BRACKET CONNECTOR	CS_FR_12	3
04.04.12	FREEZER PRESSURE RELIEF PORT	CS_FR_13	2
04.04.12	FREEZER CEILING TO WALL PARTITION DETAIL	CS_FR_17	2
15.05.15	COOLSTORE DETAIL LOCATION KEY	CS_FR_18	3

<b>SYSTEM</b> KINGSPAN CS PANEL DETAILS_STD Q2 2015			
<b>DESCRIPTION</b> DRAWING LIST			
<b>APPROVED BY</b> -	<b>DATE</b> 04.04.12	<b>REVISION</b> 2	
<b>DRG REF:</b> CS_01	<b>SCALE</b> 1:5	<b>SHEET</b> 1 of 1	<b>PAPER SIZE</b> A4

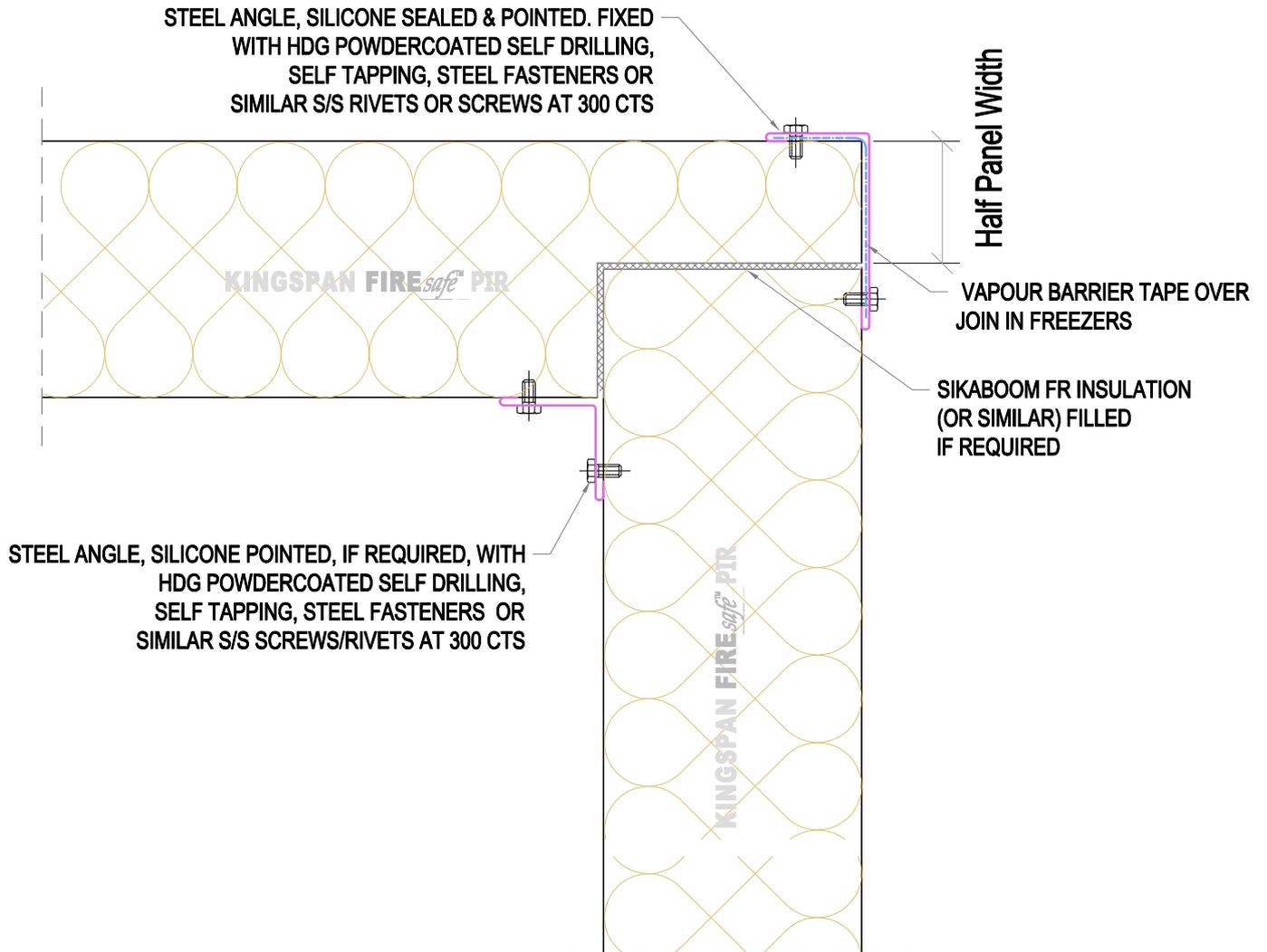
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(W) TYPICAL REBATED EXTERNAL COLDSTORE CORNER JOINT DETAIL

SYSTEM KINGSPAN CS PANEL DETAILS_STD Q2 2015			
DESCRIPTION TYPICAL REBATED CORNER DETAIL			
APPROVED BY -	DATE 18.05.15	REVISION 3	
DRG REF: CS_02	SCALE NTS	SHEET 1 of 1	PAPER SIZE A4

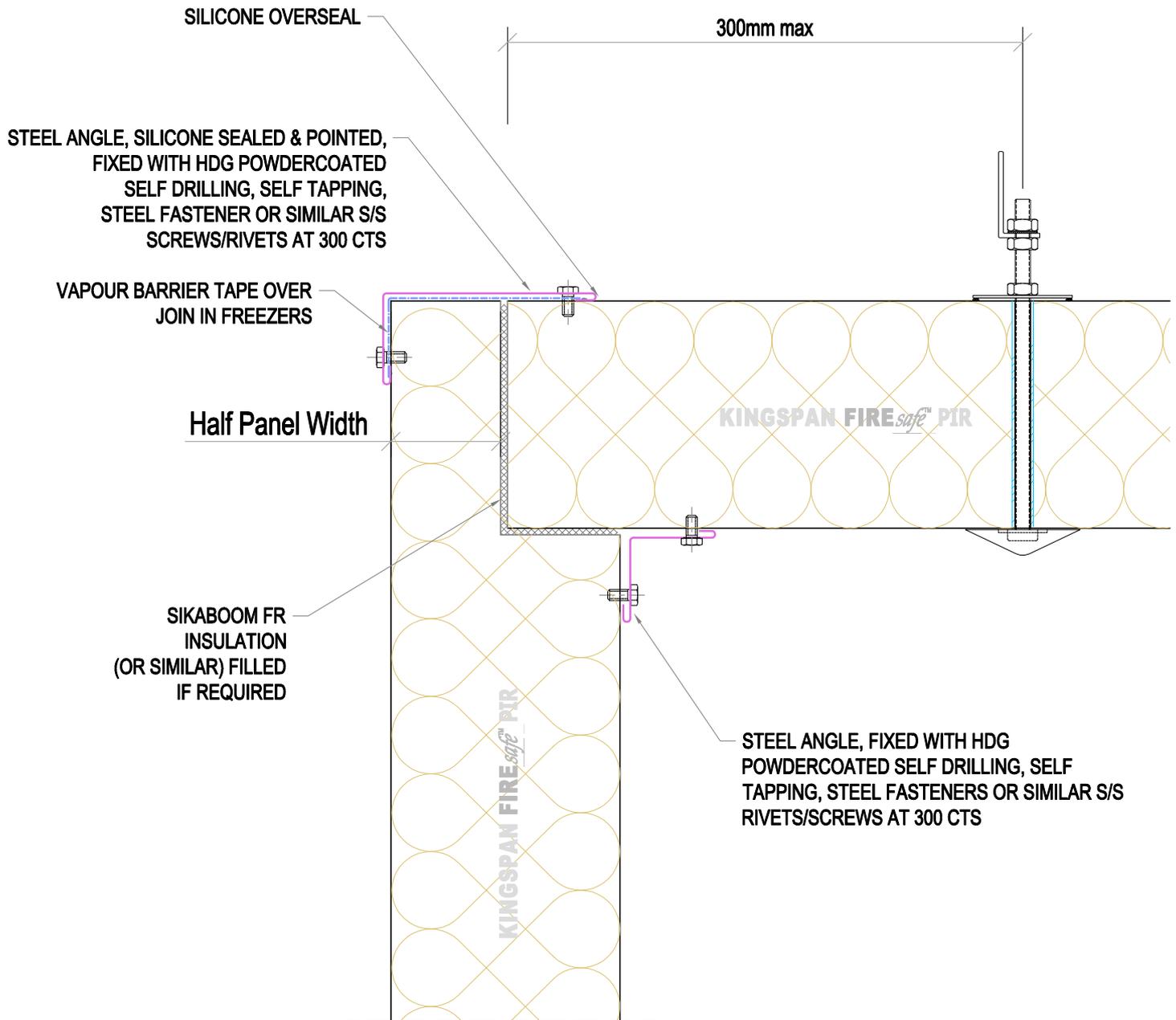
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## (J&N) FREEZER BARGE DETAIL

SYSTEM KINGSPAN CS PANEL DETAILS_STD Q2 2015			
DESCRIPTION SUSPENDED CEILING TO WALL JOIN DETAIL			
APPROVED BY -	DATE 04.04.12	REVISION 2	
DRG REF: CS_03	SCALE NTS	SHEET 1 of 1	PAPER SIZE A4

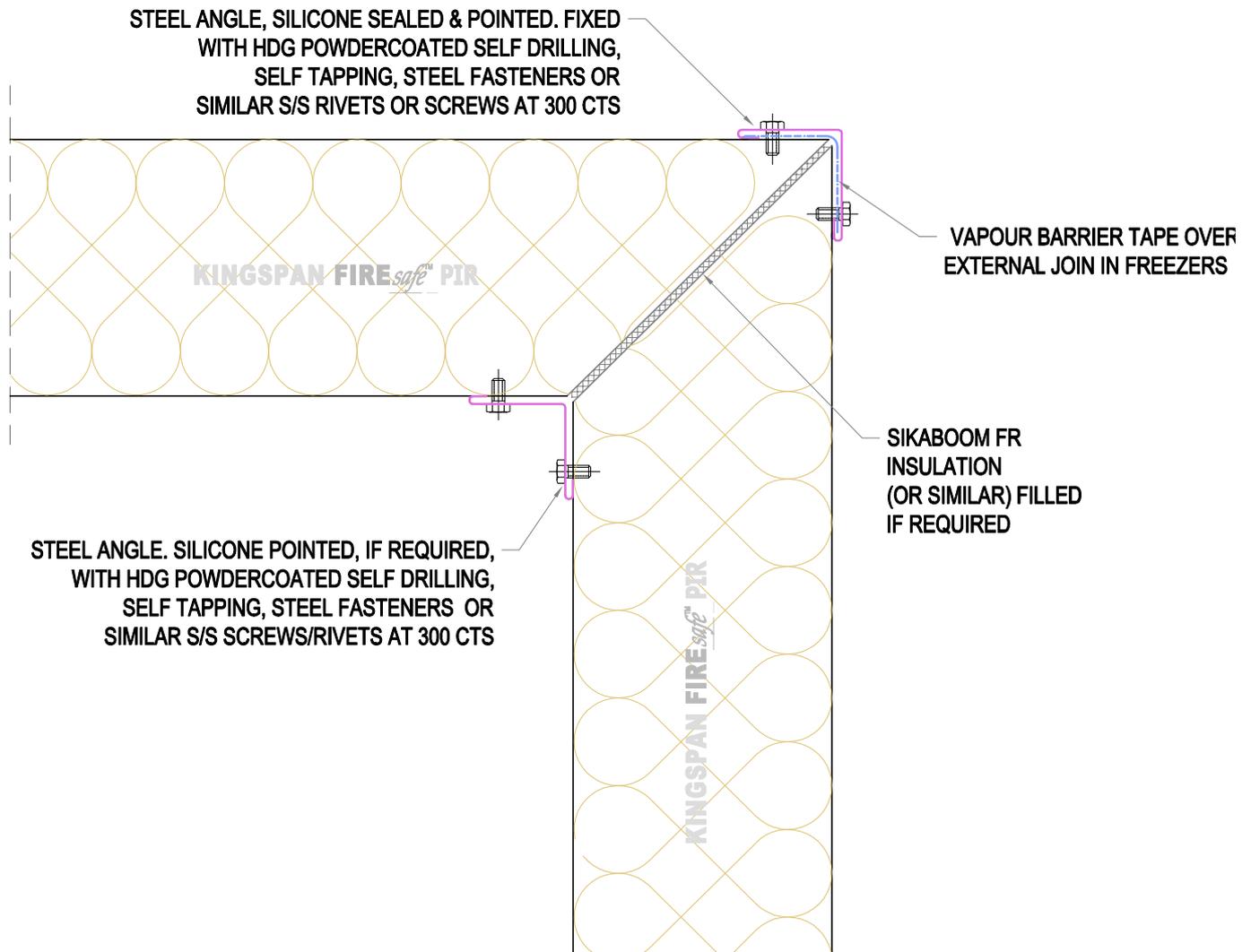
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(T & Y) TYPICAL MITRED EXTERNAL COLDSTORE CORNER JOINT DETAIL

<b>SYSTEM</b> KINGSPAN CS PANEL DETAILS STD Q2 2015			
<b>DESCRIPTION</b> TYPICAL MITRED CORNER DETAIL			
<b>APPROVED BY</b> -	<b>DATE</b> 04.04.12	<b>REVISION</b> 2	
<b>DRG REF:</b> CS_04	<b>SCALE</b> NTS	<b>SHEET</b> 1 of 1	<b>PAPER SIZE</b> A4

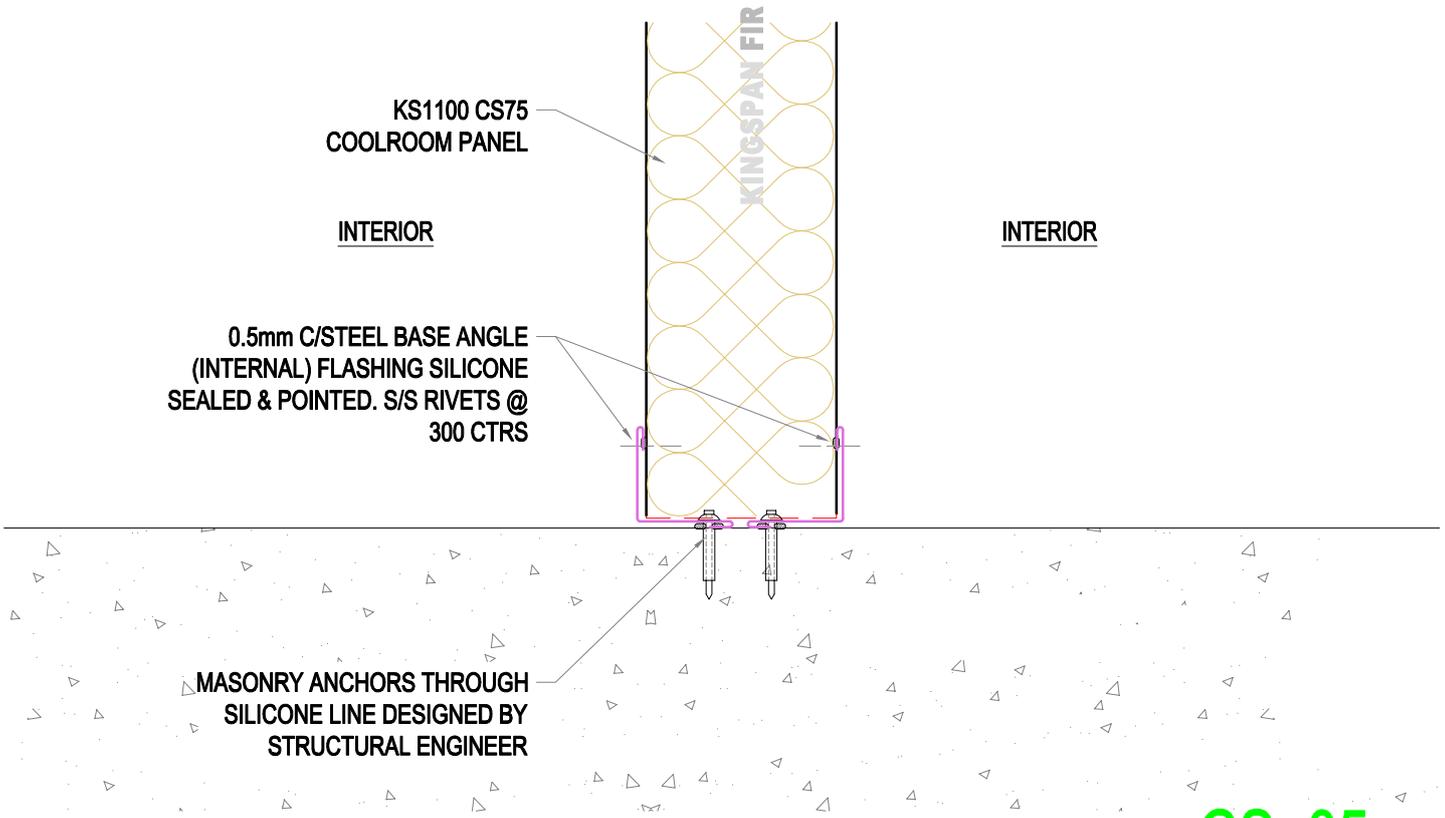
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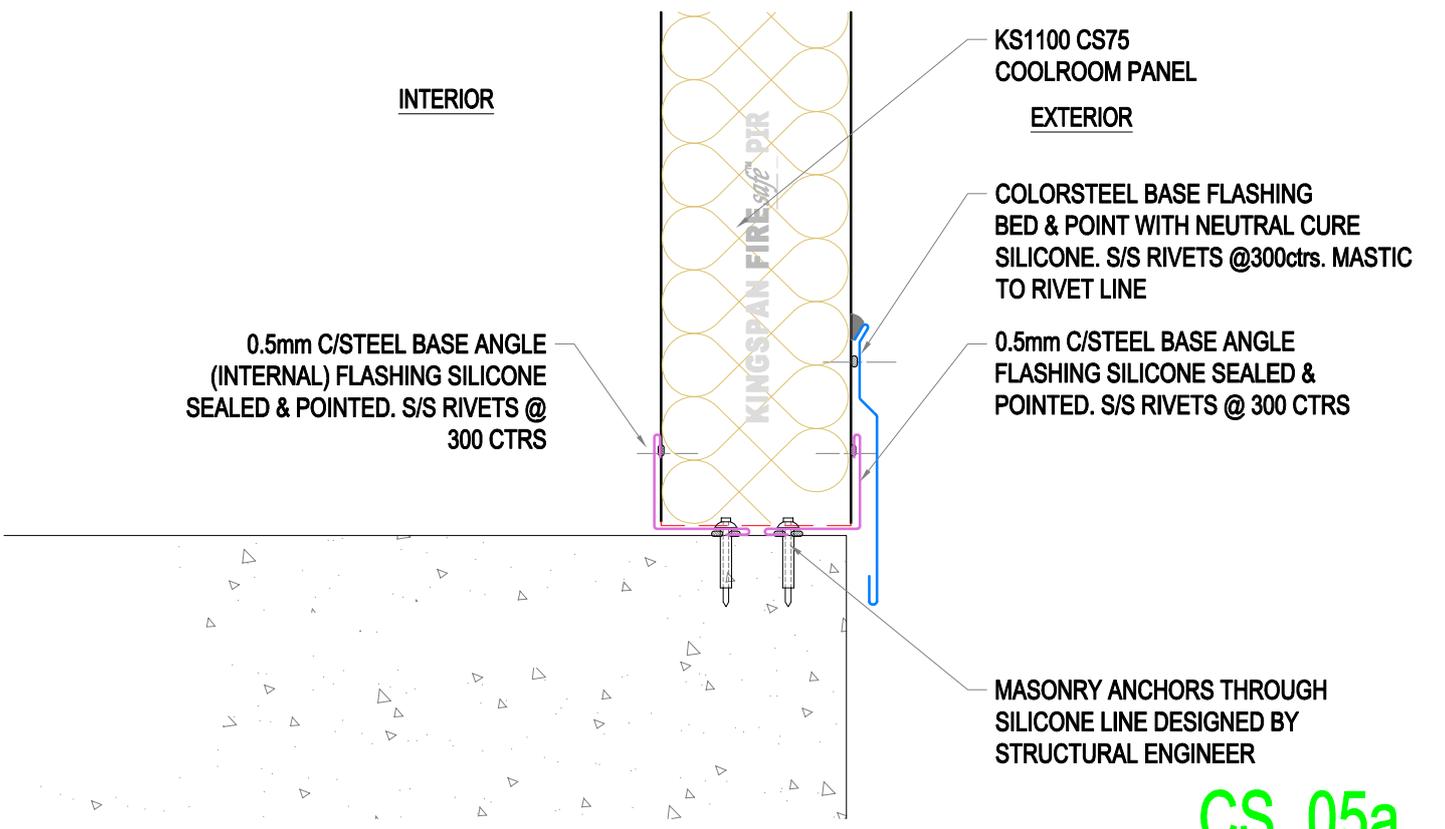
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**(U) CHILLER PANELS - TYPICAL INTERNAL PARTITION**

**CS\_05**



**(V) CHILLER PANELS - TYPICAL EXTERNAL WALL**

**CS\_05a**

SYSTEM KINGSPAN CS PANEL DETAILS_STD Q2 2015			
DESCRIPTION CHILLER BASE DETAILS			
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DRG REF: CS_05	SCALE NTS	SHEET 1 of 1	PAPER SIZE A4

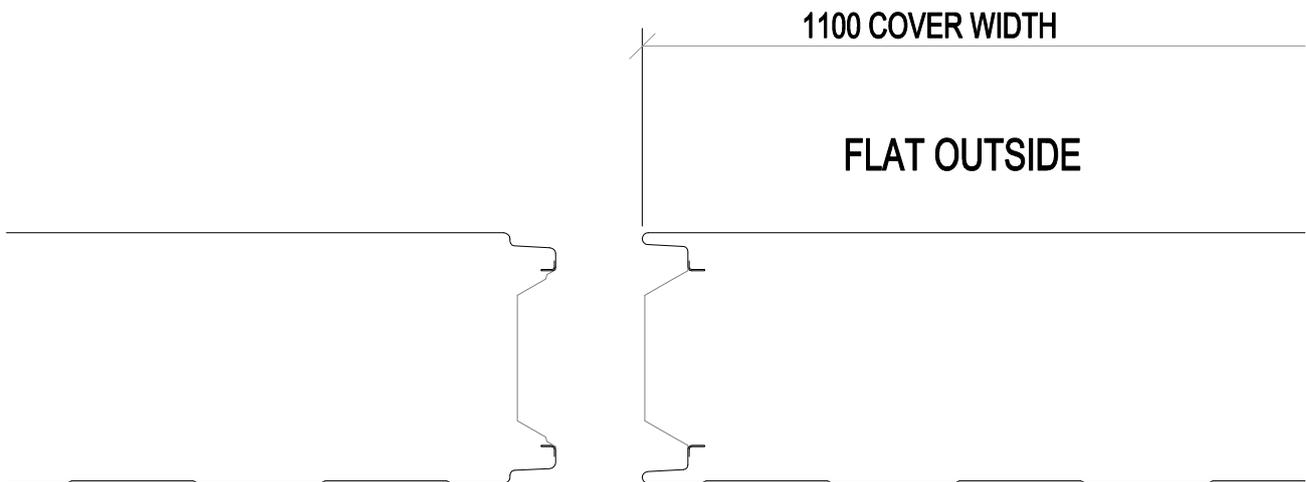
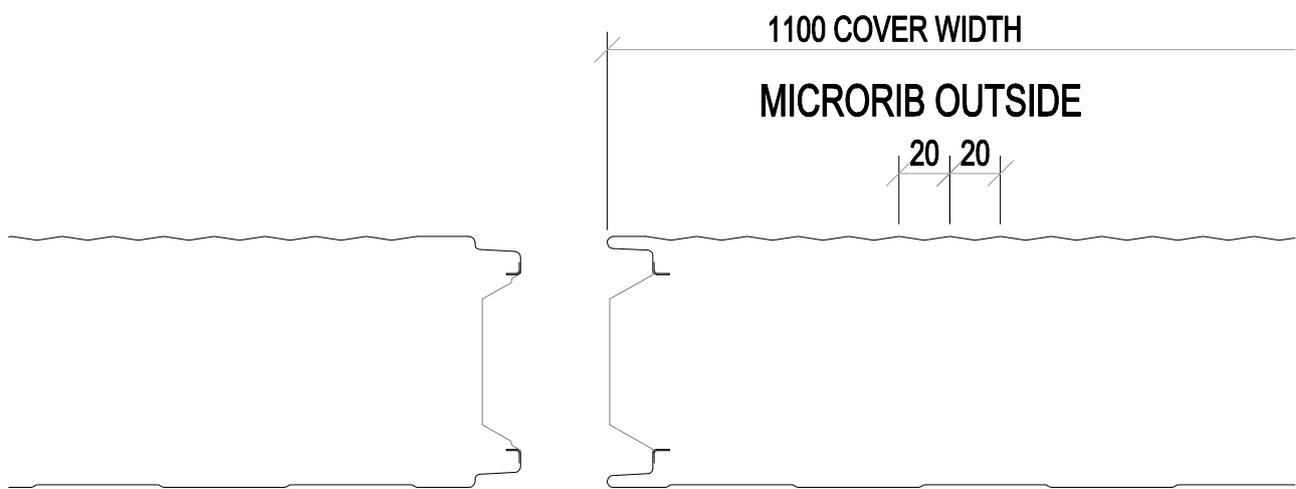
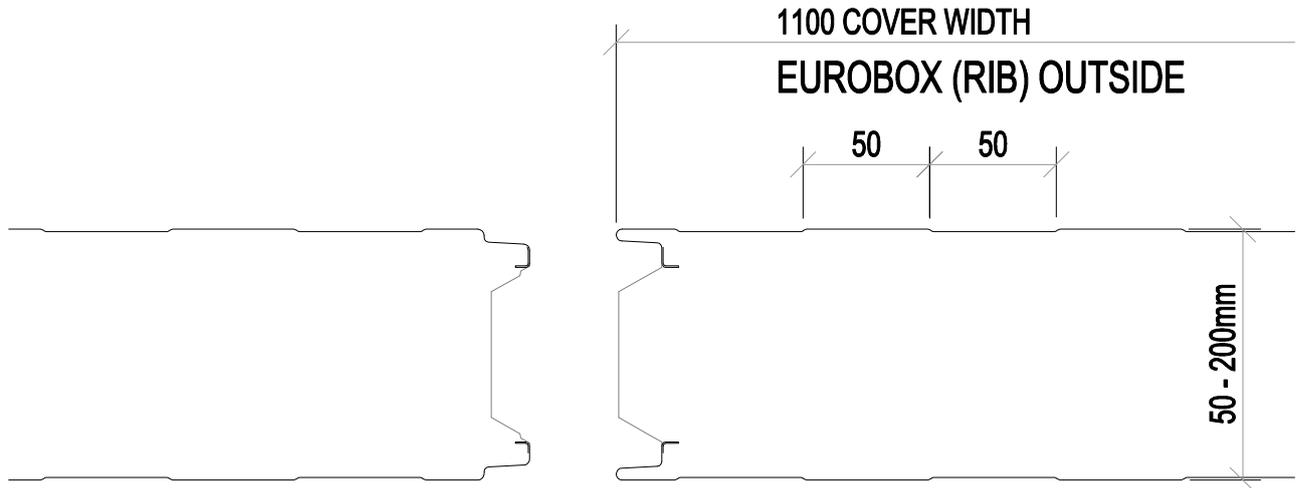
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**KINGSPAN STANDARD PROFILES: FLAT, MICRORIB & EUROBOX (RIB)**

<b>SYSTEM</b> KINGSPAN CS PANEL DETAILS STD Q2 2015			
<b>DESCRIPTION</b> KINGSPAN COOLSTORE PANEL PROFILES			
<b>APPROVED BY</b> -	<b>DATE</b> 04.04.12	<b>REVISION</b> 2	
<b>DRG REF:</b> CS_17	<b>SCALE</b> NTS	<b>SHEET</b> 1 of 1	<b>PAPER SIZE</b> A4

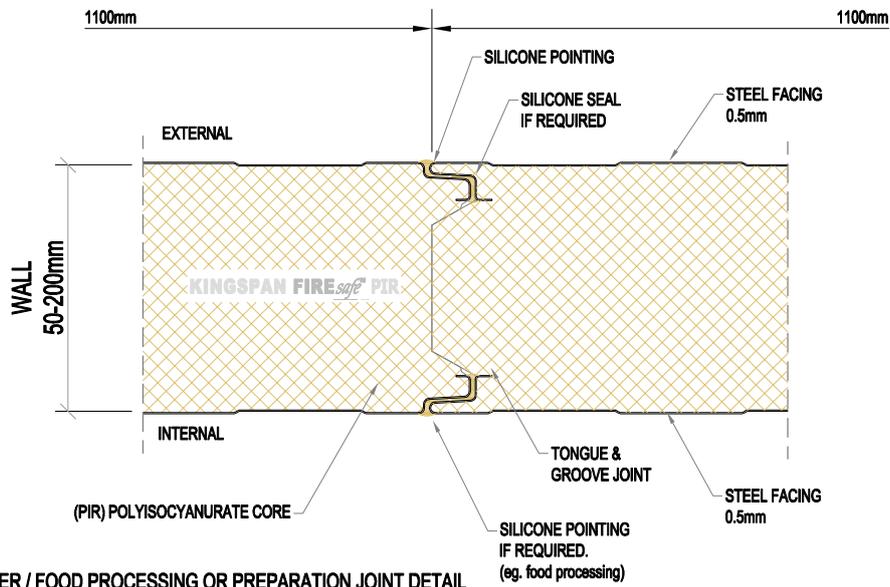
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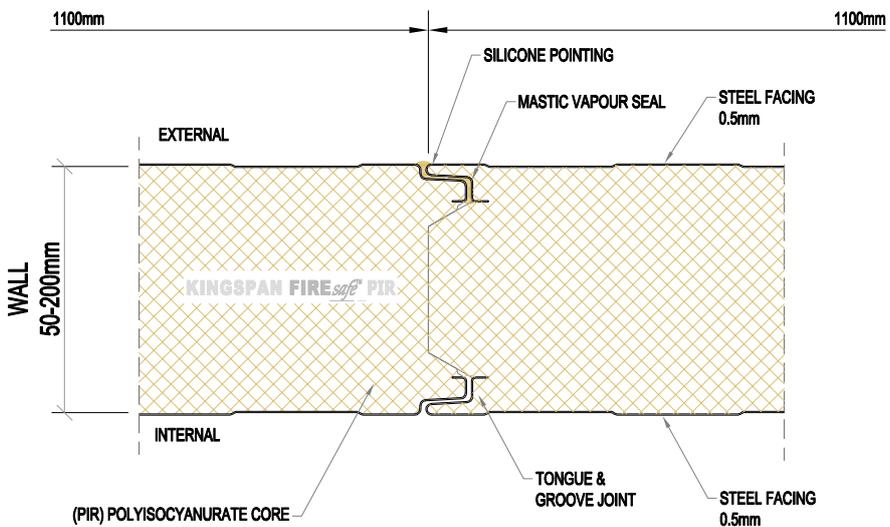
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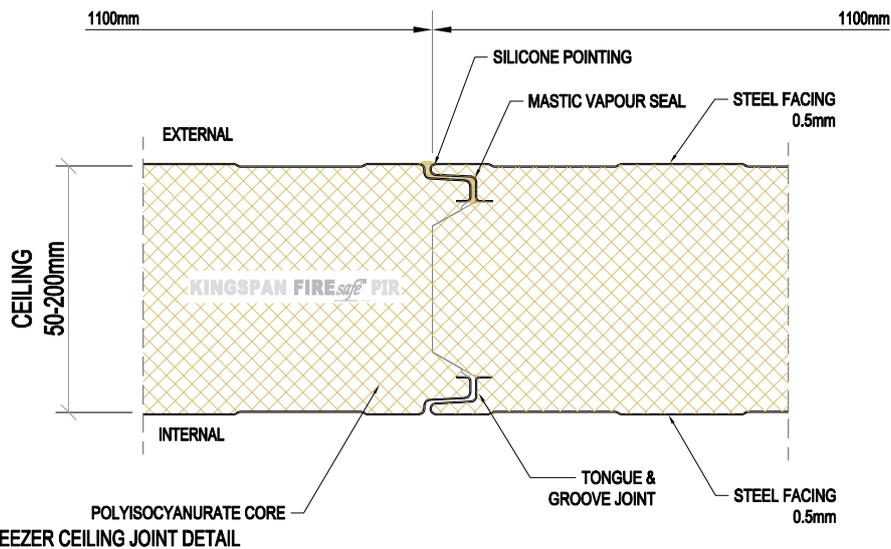
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TYPICAL CHILLER / FOOD PROCESSING OR PREPARATION JOINT DETAIL



TYPICAL FREEZER WALL JOINT DETAIL



TYPICAL FREEZER CEILING JOINT DETAIL

SYSTEM KINGSPAN CS PANEL DETAILS STD Q2 2015			
DESCRIPTION KINGSPAN COOLSTORE PANEL JOINT DETAILS			
APPROVED BY -	DATE 20.07.15	REVISION 3	
DRG REF: CS_18	SCALE NTS	SHEET 1 of 1	PAPER SIZE A4

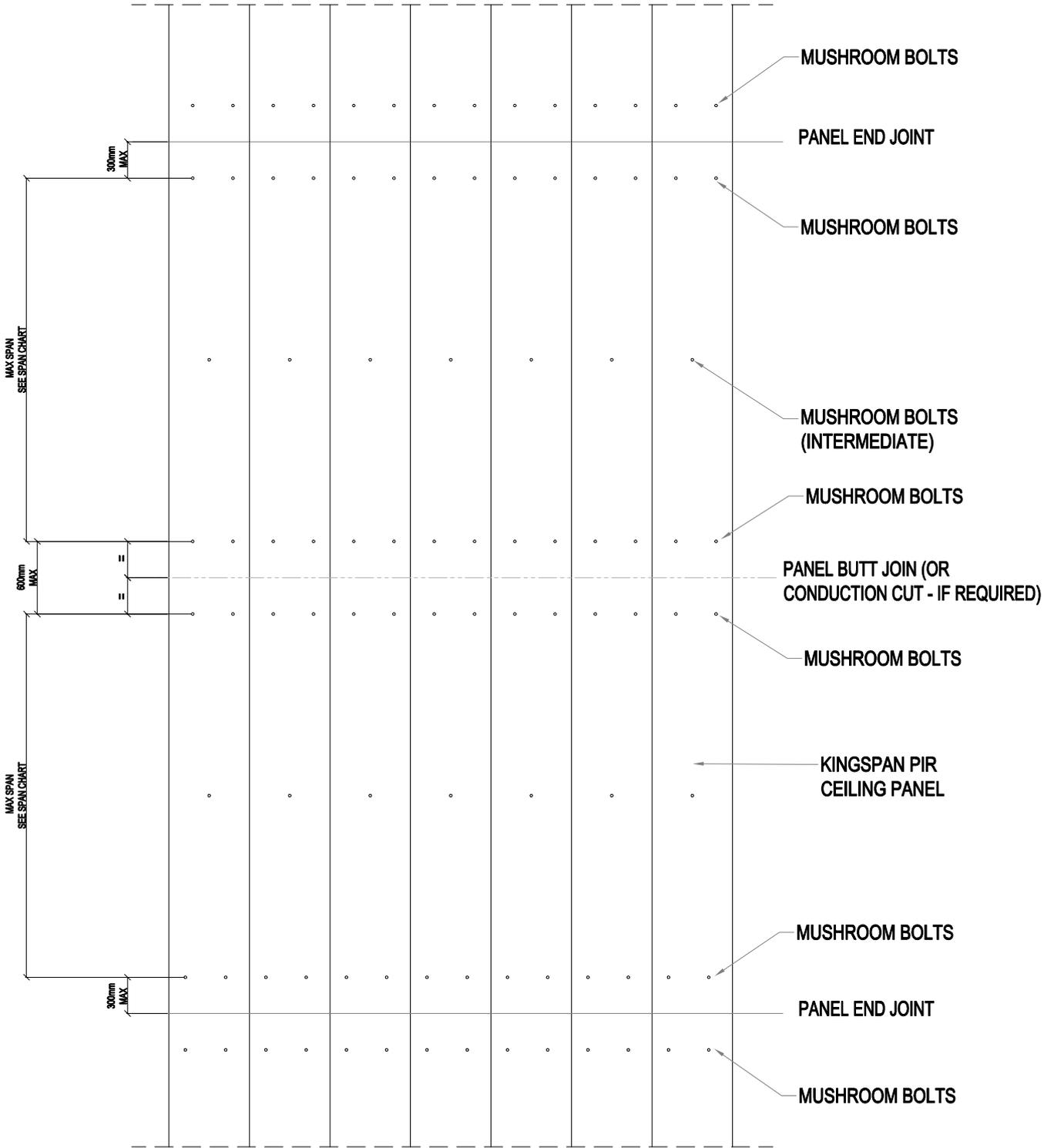
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<b>SYSTEM</b> KINGSPAN CS PANEL DETAILS STD Q2 2015			
<b>DESCRIPTION</b> TYPICAL FREEZER SUSPENSION PLAN LAYOUT (SINGLE FIXING)			
<b>APPROVED BY</b> -	<b>DATE</b> 11.05.17	<b>REVISION</b> 3	
<b>DRG REF:</b> CS_FR_01	<b>SCALE</b> 1:5	<b>SHEET</b> 1 of 1	<b>PAPER SIZE</b> A4

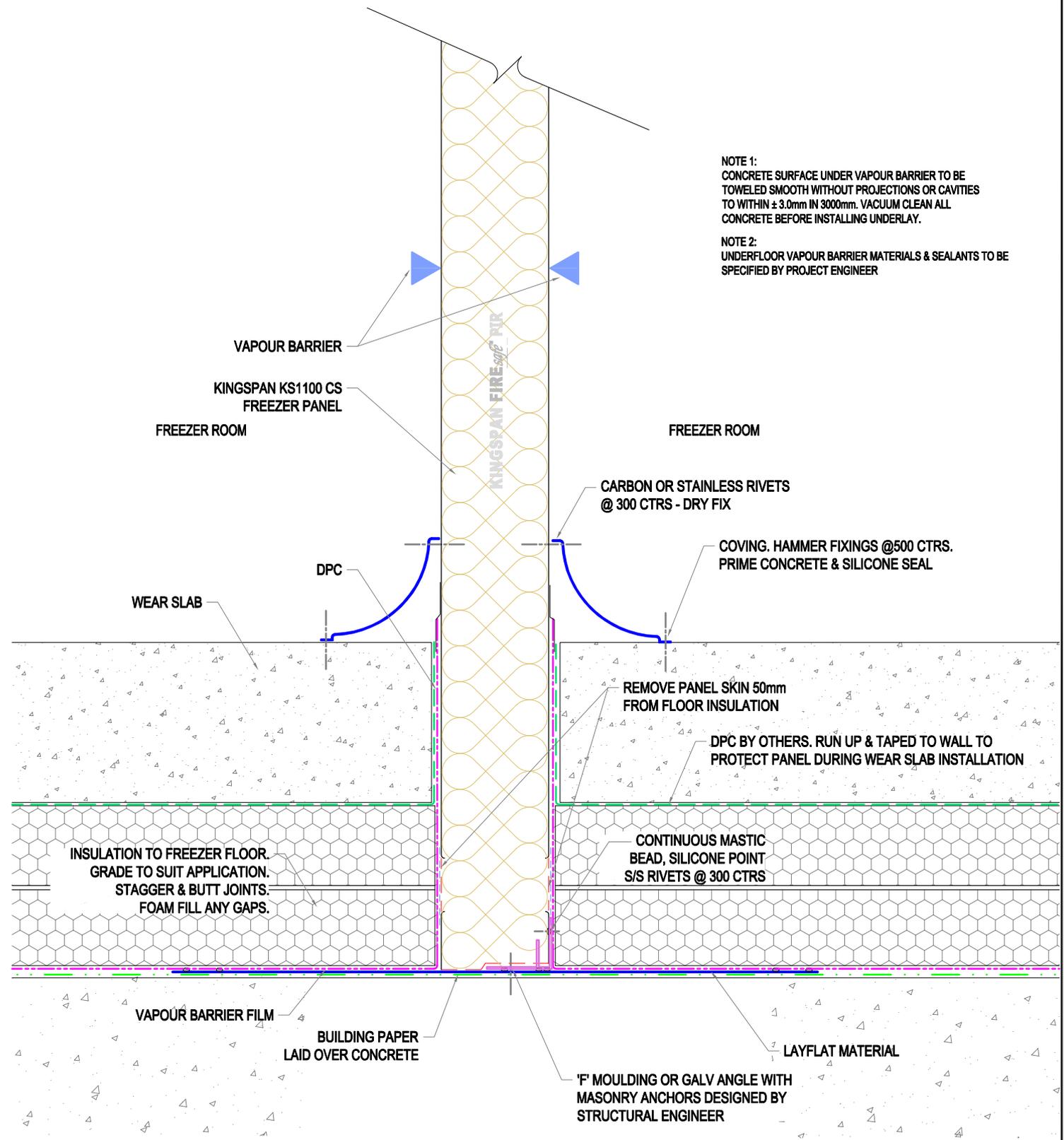
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NOTE 1:  
 CONCRETE SURFACE UNDER VAPOUR BARRIER TO BE  
 TOWELED SMOOTH WITHOUT PROJECTIONS OR CAVITIES  
 TO WITHIN ± 3.0mm IN 3000mm. VACUUM CLEAN ALL  
 CONCRETE BEFORE INSTALLING UNDERLAY.

NOTE 2:  
 UNDERFLOOR VAPOUR BARRIER MATERIALS & SEALANTS TO BE  
 SPECIFIED BY PROJECT ENGINEER

(D) FREEZER PANELS - TYPICAL INTERNAL PARTITION FREEZER TO FREEZER

SYSTEM KINGSPAN CS PANEL DETAILS STD Q2 2015			
DESCRIPTION FREEZER WALL BASE DETAIL - PARTITION WALL			
APPROVED BY -	DATE 04.04.12	REVISION 2	
DRG REF: CS_FR_02	SCALE 1:5	SHEET 1 of 1	PAPER SIZE A4

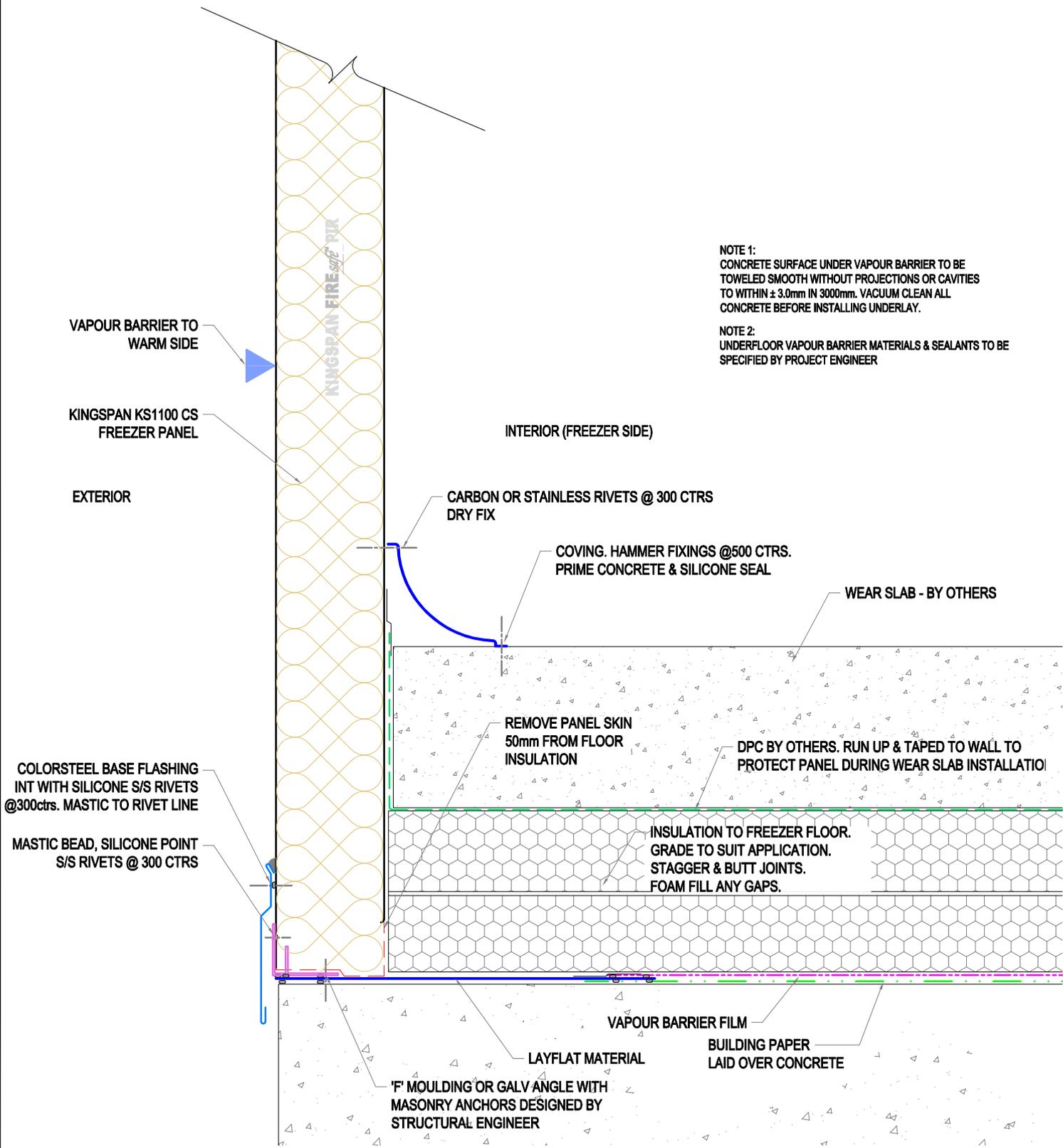
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**NOTE 1:**  
 CONCRETE SURFACE UNDER VAPOUR BARRIER TO BE TOWELED SMOOTH WITHOUT PROJECTIONS OR CAVITIES TO WITHIN ± 3.0mm IN 3000mm. VACUUM CLEAN ALL CONCRETE BEFORE INSTALLING UNDERLAY.

**NOTE 2:**  
 UNDERFLOOR VAPOUR BARRIER MATERIALS & SEALANTS TO BE SPECIFIED BY PROJECT ENGINEER

**(C) FREEZER PANELS - TYPICAL EXTERNAL WALL**

<b>SYSTEM</b> KINGSPAN CS PANEL DETAILS_STD Q2 2015			
<b>DESCRIPTION</b> EXTERNAL FREEZER WALL BASE DETAIL			
<b>APPROVED BY</b> -	<b>DATE</b> 04.04.12	<b>REVISION</b> 2	
<b>DRG REF:</b> CS_FR_03	<b>SCALE</b> 1:5	<b>SHEET</b> 1 of 1	<b>PAPER SIZE</b> A4

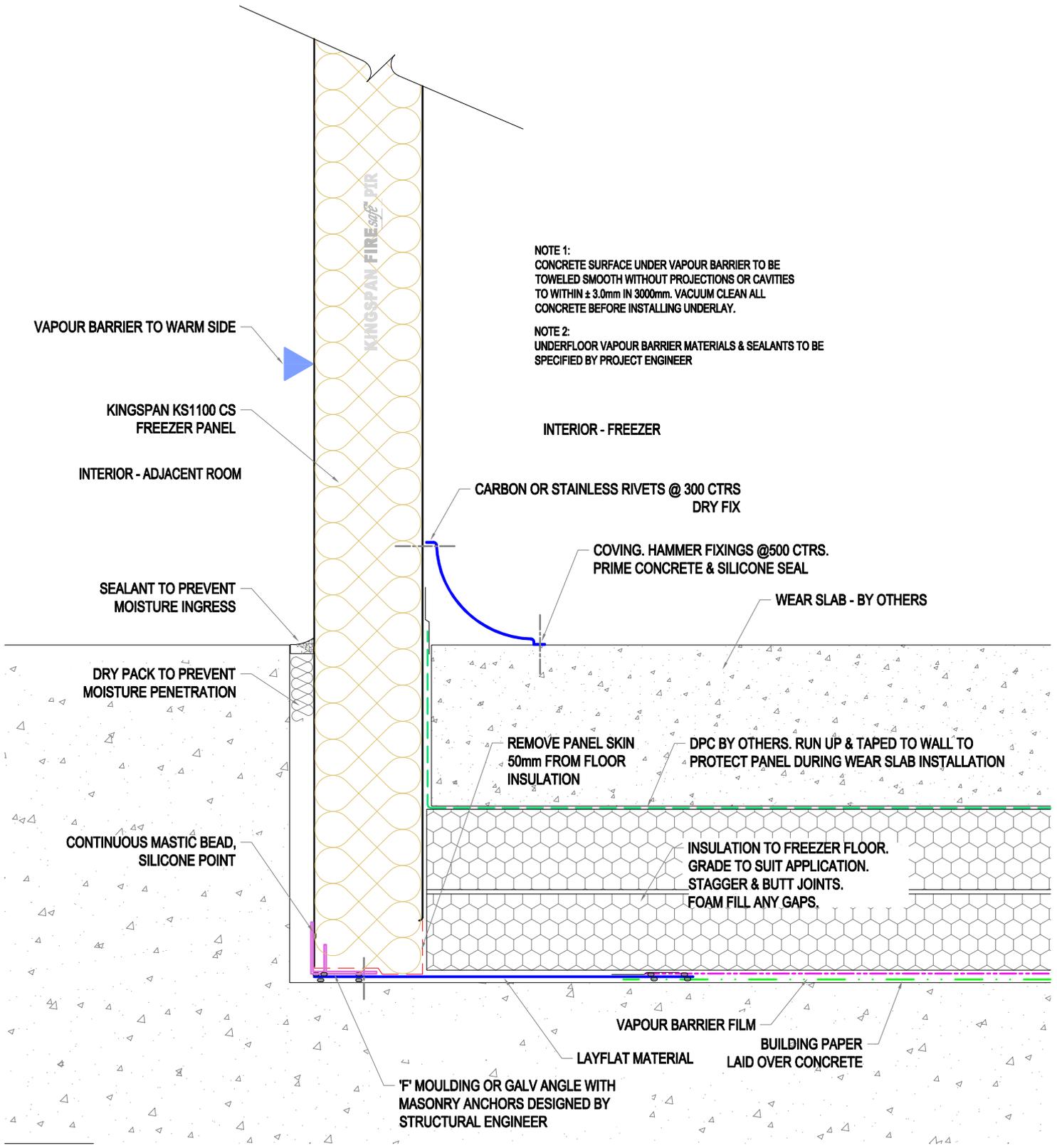
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**NOTE 1:**  
 CONCRETE SURFACE UNDER VAPOUR BARRIER TO BE  
 TOWELED SMOOTH WITHOUT PROJECTIONS OR CAVITIES  
 TO WITHIN ± 3.0mm IN 3000mm. VACUUM CLEAN ALL  
 CONCRETE BEFORE INSTALLING UNDERLAY.

**NOTE 2:**  
 UNDERFLOOR VAPOUR BARRIER MATERIALS & SEALANTS TO BE  
 SPECIFIED BY PROJECT ENGINEER

**(A, B & E) FREEZER PANELS - TYPICAL RECESSED FLOOR**

<b>SYSTEM</b> KINGSPAN CS PANEL DETAILS_STD Q2 2015			
<b>DESCRIPTION</b> FREEZER EXTERNAL WALL - RECESSED BASE DETAIL			
<b>APPROVED BY</b> -	<b>DATE</b> 04.04.12	<b>REVISION</b> 2	
<b>DRG REF:</b> CS_FR_03a	<b>SCALE</b> NTS	<b>SHEET</b> 1 of 1	<b>PAPER SIZE</b> A4

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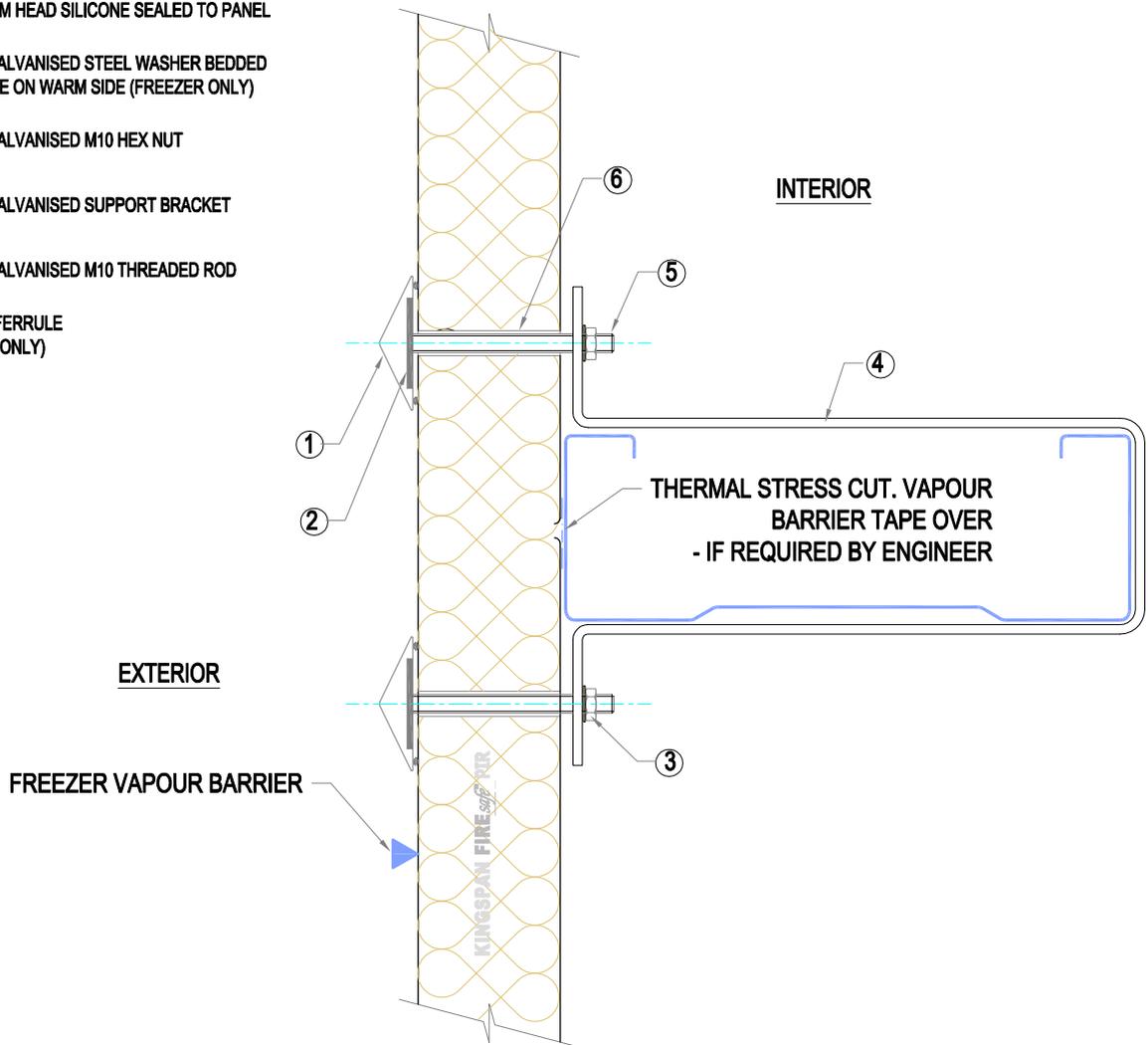
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- ① MUSHROOM HEAD SILICONE SEALED TO PANEL
- ② HOT DIP GALVANISED STEEL WASHER BEDDED IN SILICONE ON WARM SIDE (FREEZER ONLY)
- ③ HOT DIP GALVANISED M10 HEX NUT
- ④ HOT DIP GALVANISED SUPPORT BRACKET
- ⑤ HOT DIP GALVANISED M10 THREADED ROD
- ⑥ CONDUIT FERRULE (FREEZER ONLY)



**(F) TYPICAL INTERMEDIATE WALL PANEL SUPPORT FIXING  
DETAIL FOR EXTERNAL FREEZER WALLS ( VAPOUR BARRIER  
SEALED & POINTED WITH GUN GRADE SILICONE TO WARM SIDE)**

SYSTEM KINGSPAN CS PANEL DETAILS_STD Q2 2015			
DESCRIPTION WALL SUPPORT BRACKET (DOUBLE FIXING)			
APPROVED BY -	DATE 04.04.12	REVISION 2	
DRG REF: CS_FR_05	SCALE NTS	SHEET 1 of 1	PAPER SIZE A4

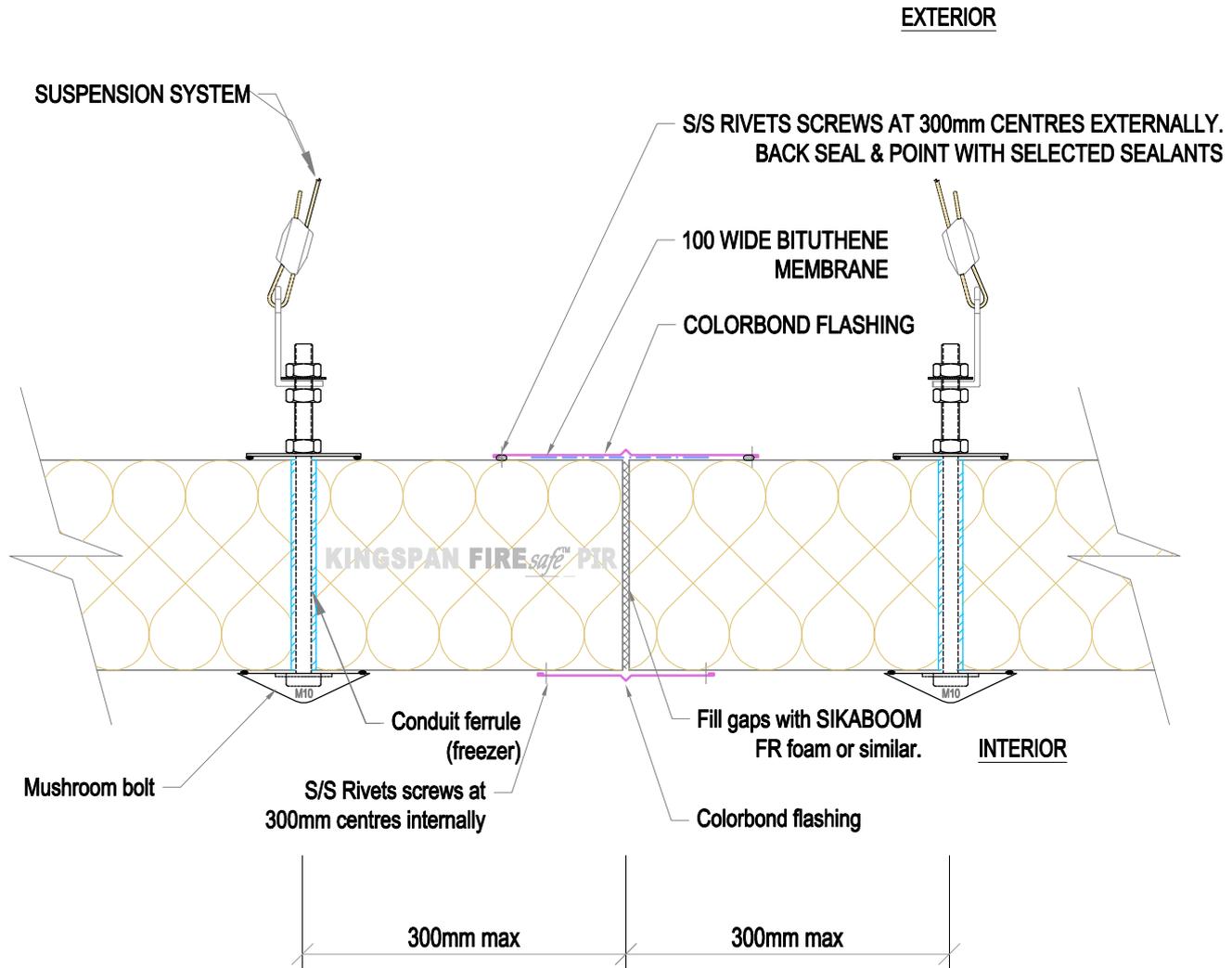
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**(P) TYPICAL SUSPENDED CEILING SUPPORT (FREEZER)**

<b>SYSTEM</b> KINGSPAN CS PANEL DETAILS_STD Q2 2015			
<b>DESCRIPTION</b> CEILING PANEL SUSPENSION DETAIL			
<b>APPROVED BY</b> -	<b>DATE</b> 04.04.12	<b>REVISION</b> 2	
<b>DRG REF:</b> CS_FR_06	<b>SCALE</b> NTS	<b>SHEET</b> 1 of 1	<b>PAPER SIZE</b> A4

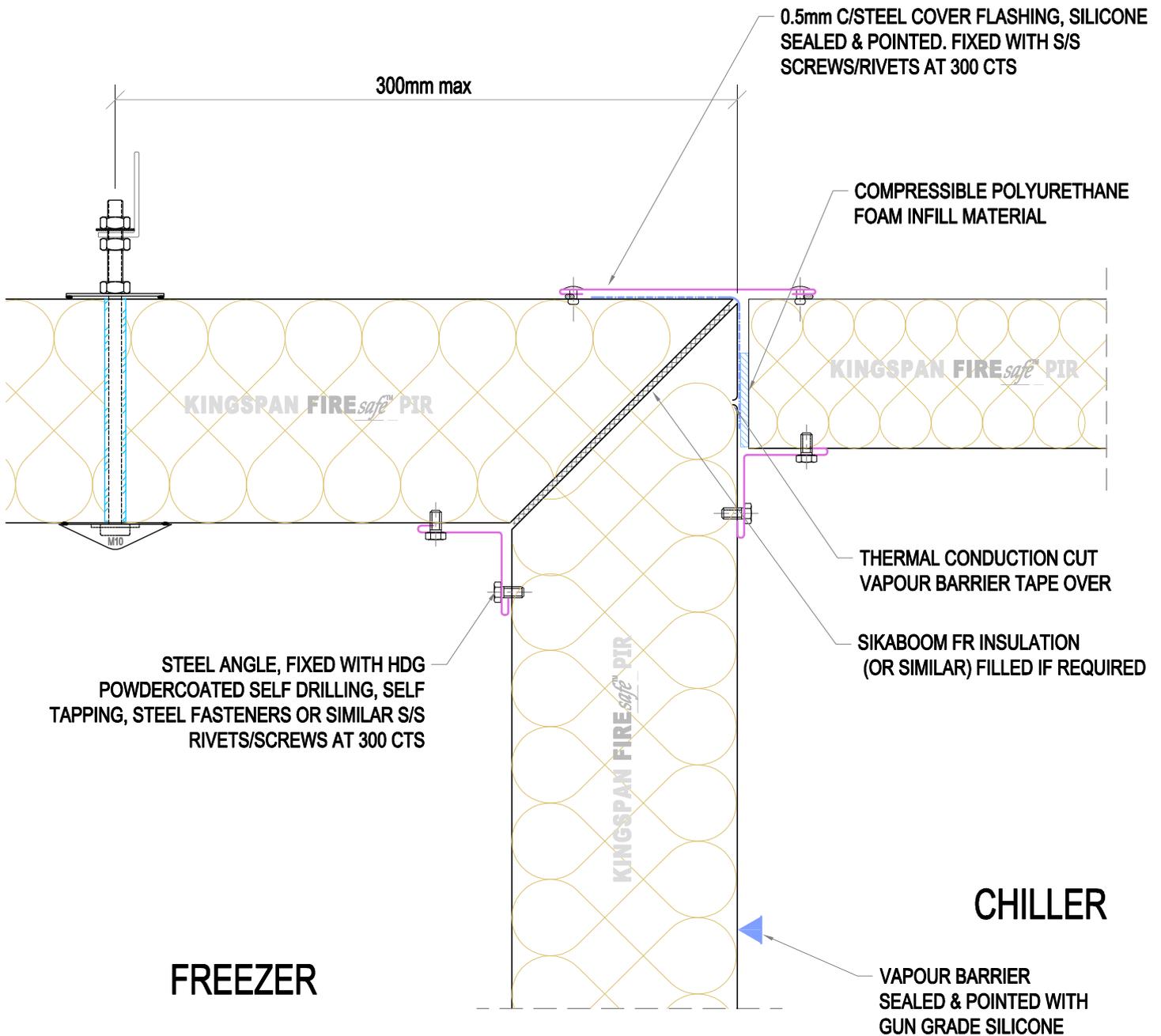
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## (M) FREEZER / CHILLER WALL-CEILING OR WALL-WALL JUNCTION DETAIL (2)

SYSTEM KINGSPAN CS PANEL DETAILS_STD Q2 2015			
DESCRIPTION COOLSTORE CEILING OR WALL JUNCTION DETAIL (MITRE)			
APPROVED BY -	DATE 04.04.12	REVISION 2	
DRG REF: CS_FR_07	SCALE NTS	SHEET 1 of 1	PAPER SIZE A4

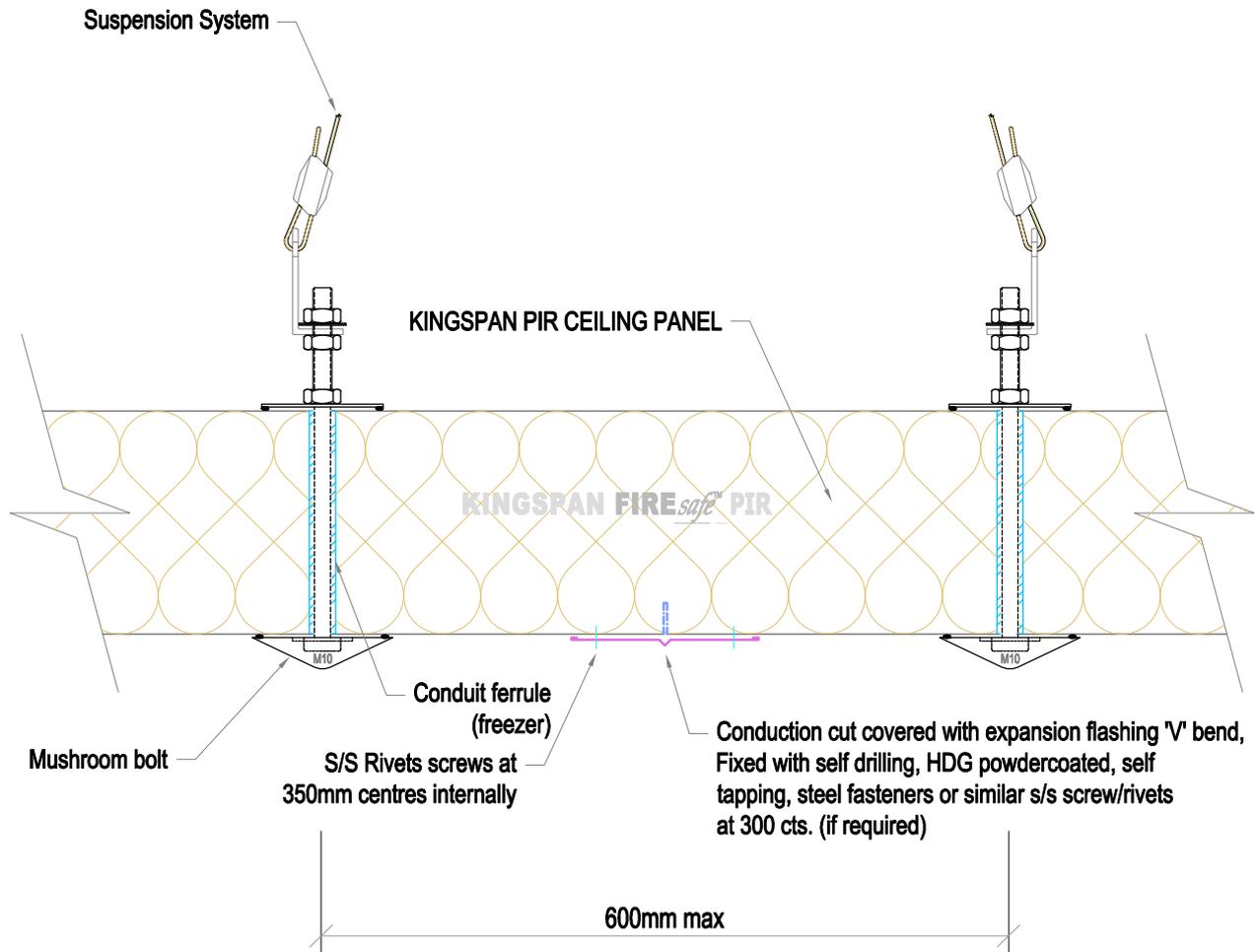
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(O) TYPICAL SUSPENDED CEILING SUPPORT  
(FREEZER CONDUCTION CUT)

SYSTEM KINGSPAN CS PANEL DETAILS STD Q2 2015			
DESCRIPTION CEILING SUSPENSION DETAIL - THERMAL BREAK			
APPROVED BY -	DATE 04.04.12	REVISION 2	
DRG REF: CS_FR_08	SCALE NTS	SHEET 1 of 1	PAPER SIZE A4

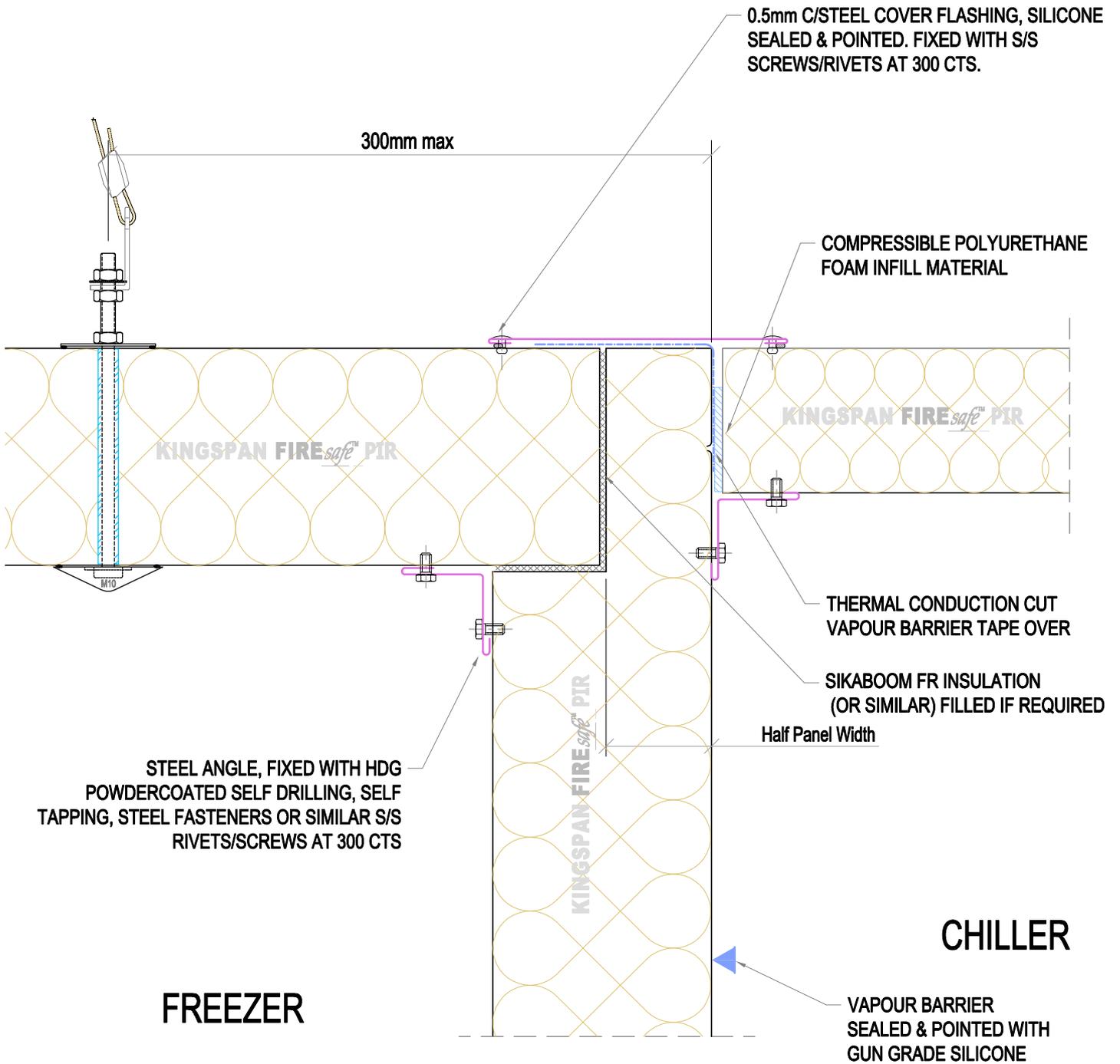
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## (L) FREEZER / CHILLER WALL-CEILING OR WALL-WALL JUNCTION DETAIL (1)

CS FR 09

SYSTEM KINGSPAN CS PANEL DETAILS_STD Q2 2015			
DESCRIPTION COOLSTORE CEILING OR WALL JUNCTION DETAIL (STEP BUTT)			
APPROVED BY -	DATE 04.04.12	REVISION 2	
DRG REF: CS_FR_09	SCALE NTS	SHEET 1 of 1	PAPER SIZE A4

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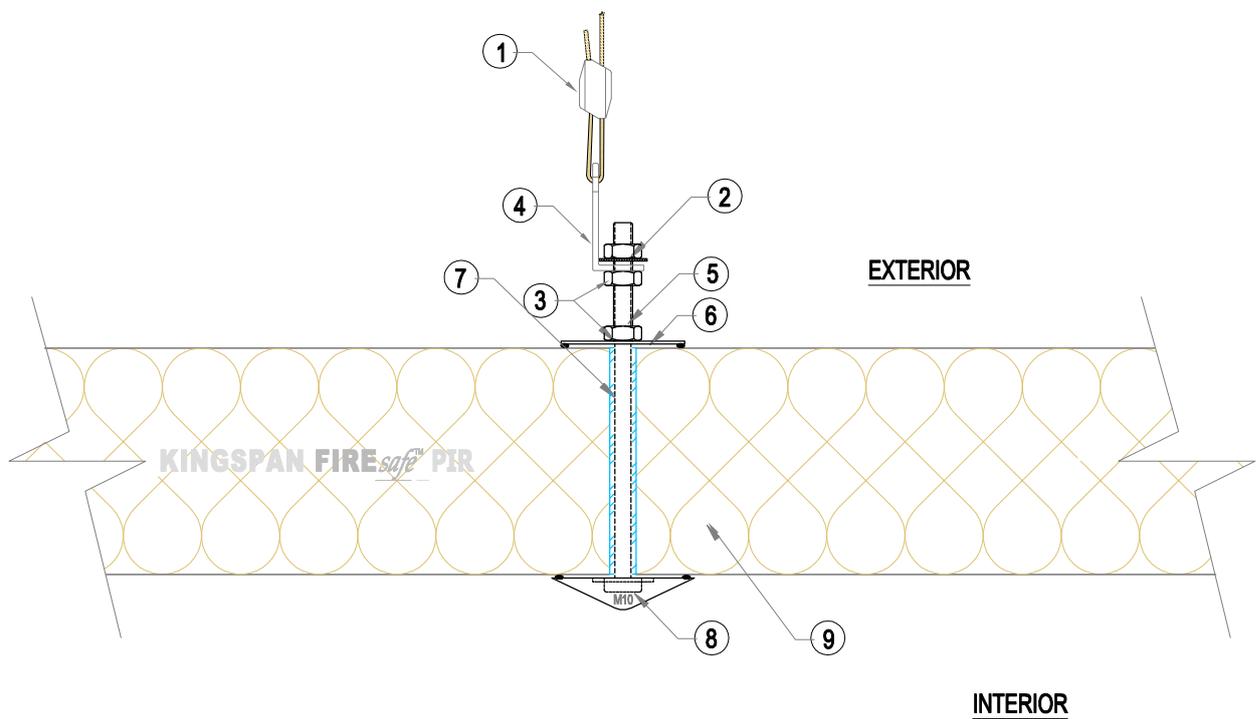
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- ① SUSPENSION SYSTEM
- ② HOT DIP GALVANISED M10 NUT & HDG SPRING WASHER
- ③ HOT DIP GALVANISED M10 NUT
- ④ HOT DIP GALVANISED STEEL BRACKET
- ⑤ HOT DIP GALVANISED M10 THREADED ROD
- ⑥ HDG STEEL PANEL WASHER BEDDED IN SILICONE
- ⑦ CONDUIT FERRULE (FREEZER ONLY)
- ⑧ MUSHROOM BOLT & NUT
- ⑨ INSULATED PANEL (THICKNESS AS REQUIRED)



(S & Z) TYPICAL SUSPENDED CEILING INTERMEDIATE SUPPORT (FREEZER)

SYSTEM KINGSPAN CS PANEL DETAILS_STD Q2 2015			
DESCRIPTION COOLSTORE CEILING SUSPENSION DETAIL (WIRE ROPE)			
APPROVED BY -	DATE 04.04.12	REVISION 2	
DRG REF: CS_FR_10	SCALE NTS	SHEET 1 of 1	PAPER SIZE A4

REV	DATE	AMENDMENTS	BY

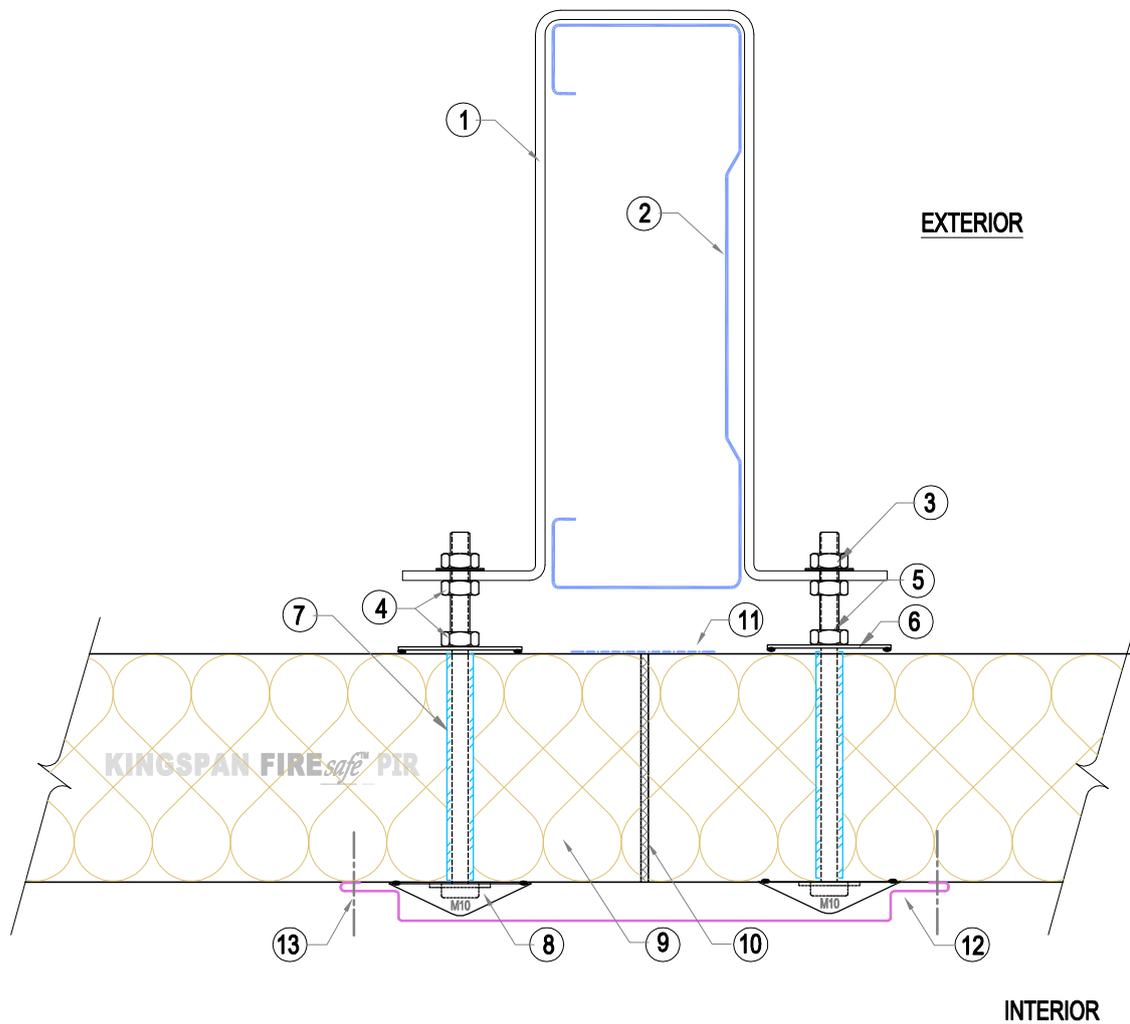
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Insulated Panels

- ① HD GALV PANEL HANGER BRACKET
- ② STRUCTURAL PURLIN
- ③ HOT DIP GALVANISED M10 NUT & HDG SPRING WASHER
- ④ HOT DIP GALVANISED M10 NUT
- ⑤ HOT DIP GALVANISED M10 THREADED ROD
- ⑥ HDG STEEL PANEL WASHER BEDDED IN MASTIC
- ⑦ CONDUIT FERRULE (FREEZER ONLY)
- ⑧ MUSHROOM BOLT & NUT
- ⑨ INSULATED PANEL - THICKNESS AS REQUIRED
- ⑩ PANEL BUTT JOINTS. FILL WITH SIKABOOM FR FOAM OR SIMILAR.
- ⑪ 100MM WIDE BITUTHENE VAPOUR BARRIER TAPE OVER JOINT.
- ⑫ 0.5MM COLORSTEEL FLASHING, SEAL & POINT WITH GUN GRADE SILICONE SEALANT IF REQUIRED.
- ⑬ FIXINGS AT 300 CTRS



**(Q) FREEZER BUTT JOIN PURLIN CONNECTOR (INT)**

<b>SYSTEM</b> KINGSPAN CS PANEL DETAILS_STD Q2 2015			
<b>DESCRIPTION</b> COOLSTORE CEILING PANEL BUTT JOIN AT DOUBLE BRACKET			
<b>APPROVED BY</b> -	<b>DATE</b> 04.04.12	<b>REVISION</b> 2	
<b>DRG REF:</b> CS_FR_11	<b>SCALE</b> NTS	<b>SHEET</b> 1 of 1	<b>PAPER SIZE</b> A4

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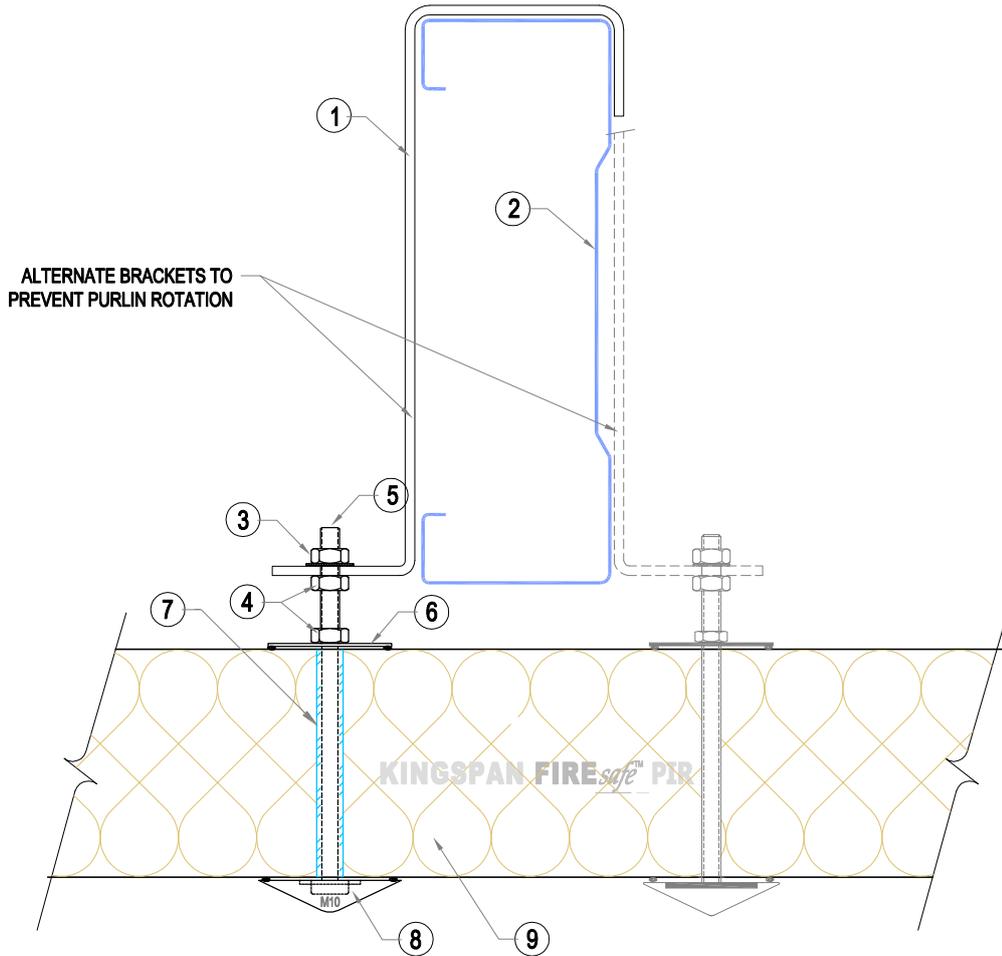
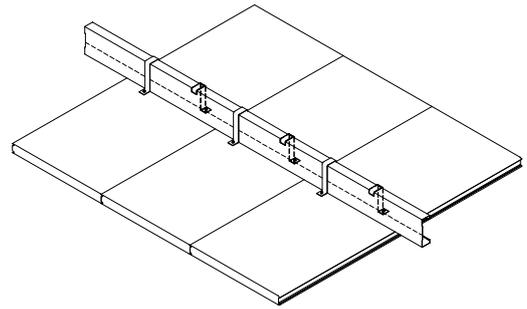
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- ⑥ HDG STEEL PANEL WASHER BEDDED IN MASTIC
- ⑦ CONDUIT FERRULE (FREEZER ONLY)
- ⑧ MUSHROOM BOLT & NUT
- ⑨ INSULATED PANEL - THICKNESS AS REQUIRED



**(K) FREEZER MIDSPAN PURLIN CONNECTOR (EXT)**

SYSTEM KINGSPAN CS PANEL DETAILS STD Q2 2015			
DESCRIPTION CEILING PANEL SINGLE BRACKET CONNECTOR			
APPROVED BY -	DATE 11.05.17	REVISION 3	
DRG REF: CS_FR_12	SCALE NTS	SHEET 1 of 1	PAPER SIZE A4

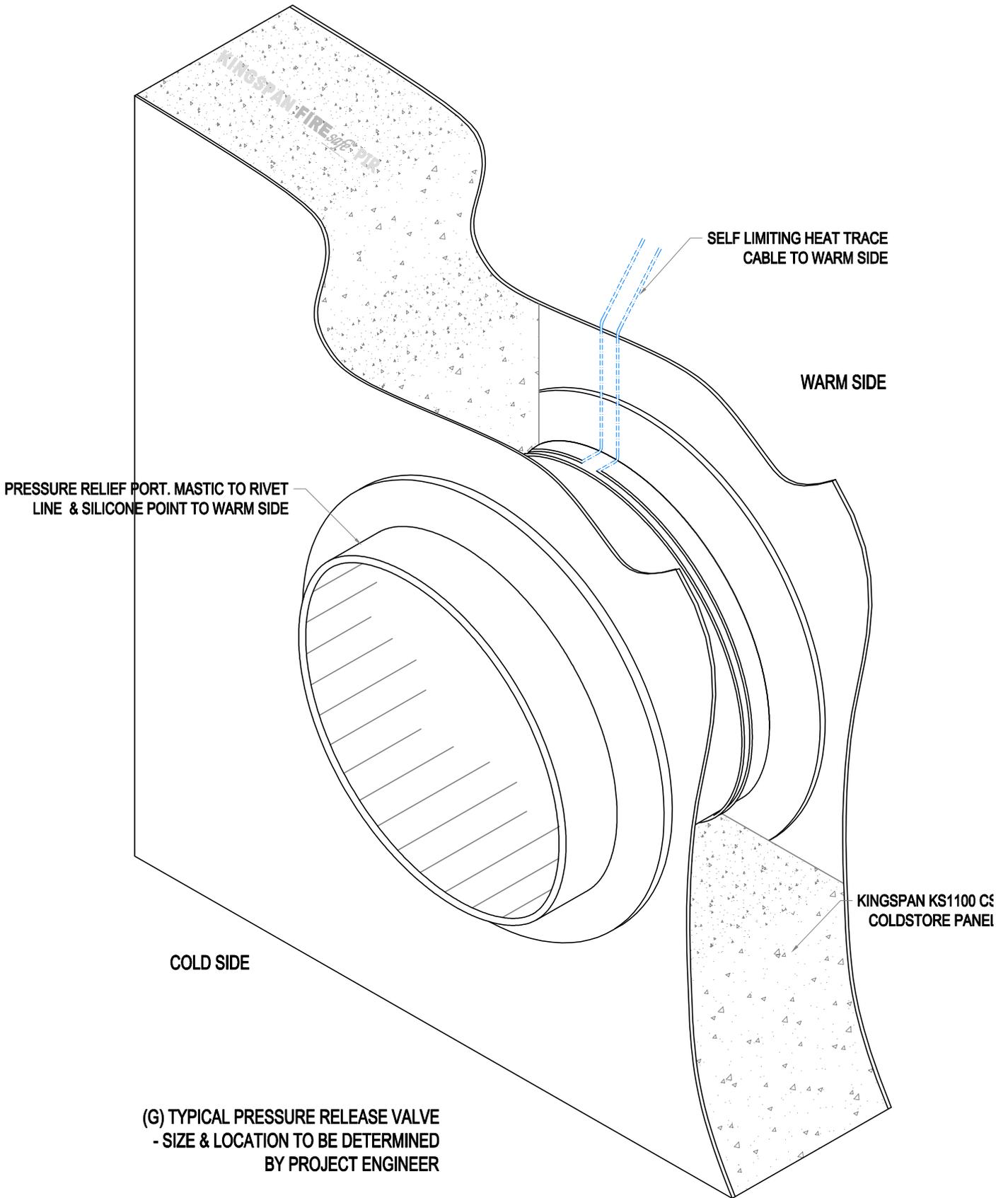
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<b>SYSTEM</b> KINGSPAN CS PANEL DETAILS_STD Q2 2015			
<b>DESCRIPTION</b> FREEZER PRESSURE RELIEF PORT			
<b>APPROVED BY</b> -	<b>DATE</b> 04.04.12	<b>REVISION</b> 2	
<b>DRG REF:</b> CS_FR_13	<b>SCALE</b> NTS	<b>SHEET</b> 1 of 1	<b>PAPER SIZE</b> A4

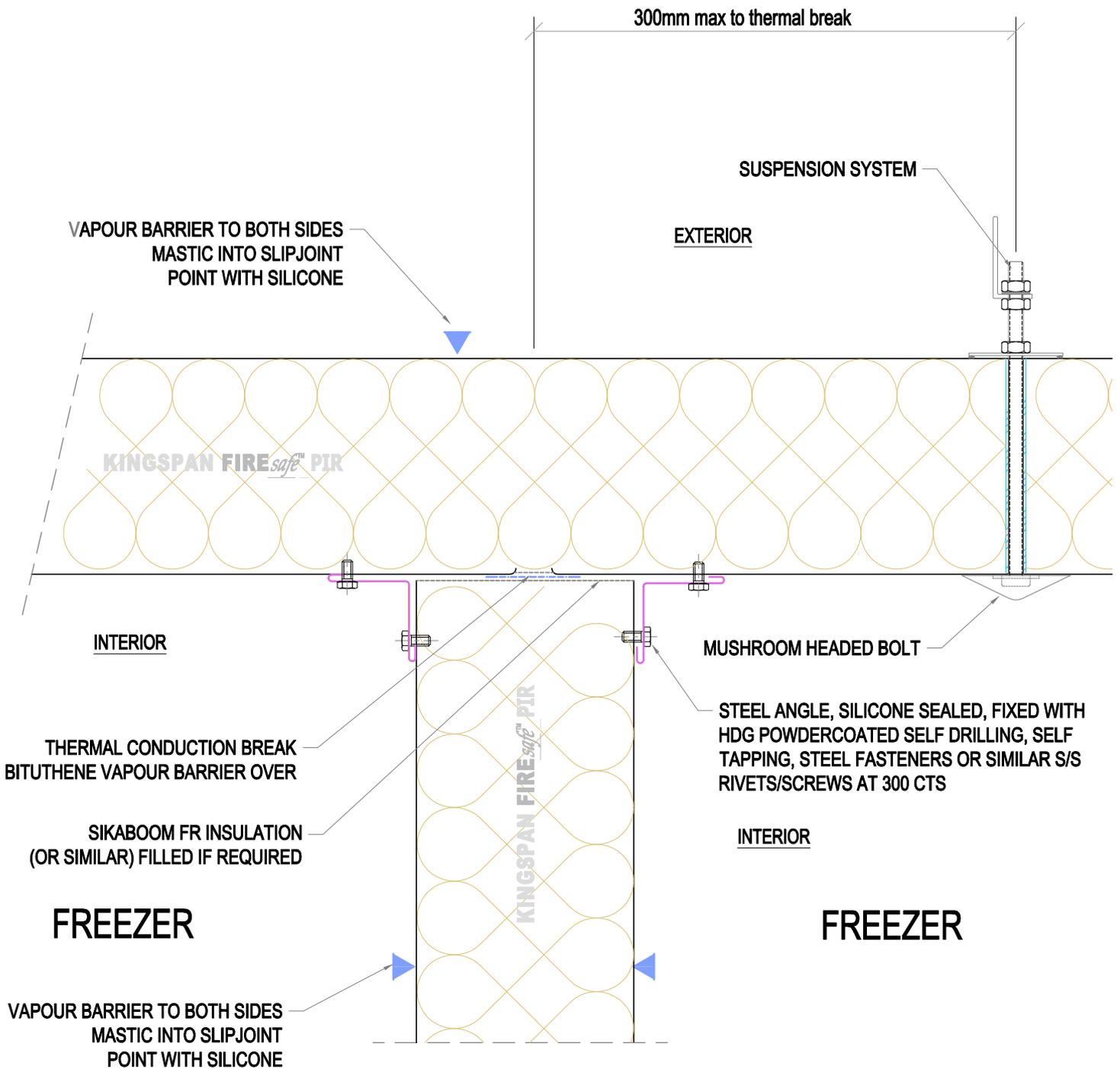
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## (R) FREEZER INTERMEDIATE PARTITION

SYSTEM KINGSPAN CS PANEL DETAILS_STD Q2 2015			
DESCRIPTION FREEZER CEILING TO WALL PARTITION DETAIL			
APPROVED BY -	DATE 04.04.12	REVISION 2	
DRG REF: CS_FR_17	SCALE NTS	SHEET 1 of 1	PAPER SIZE A4

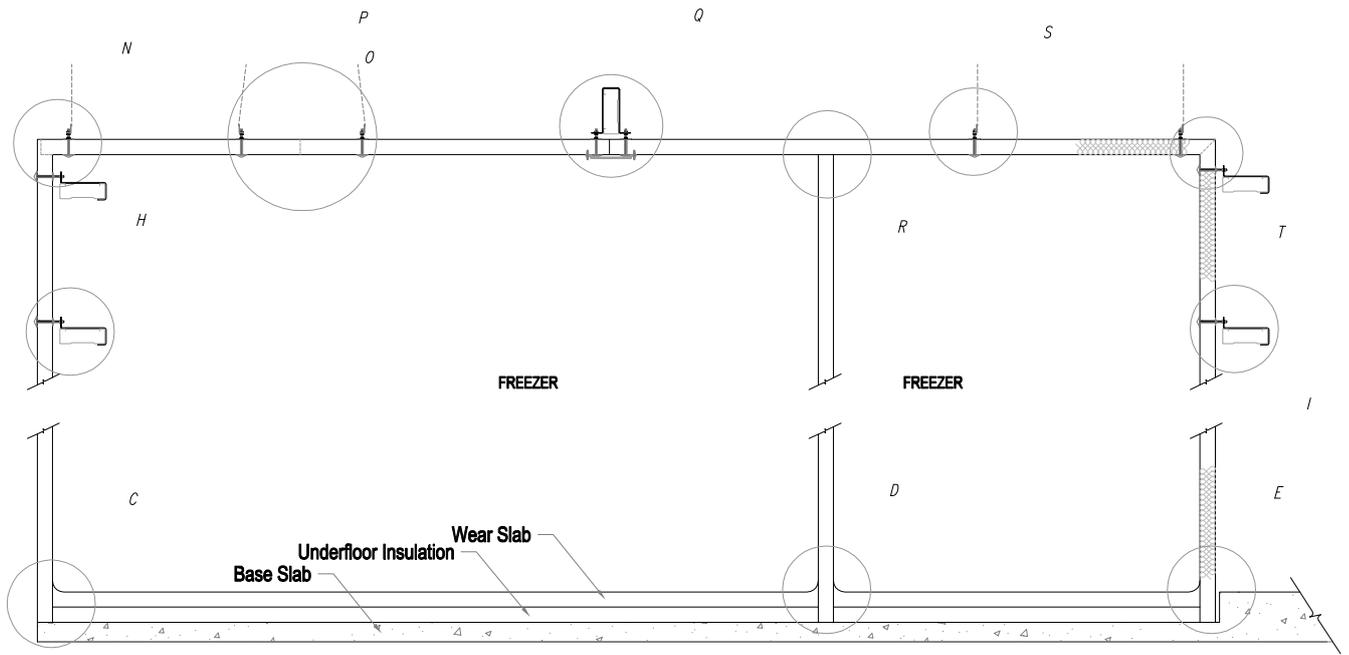
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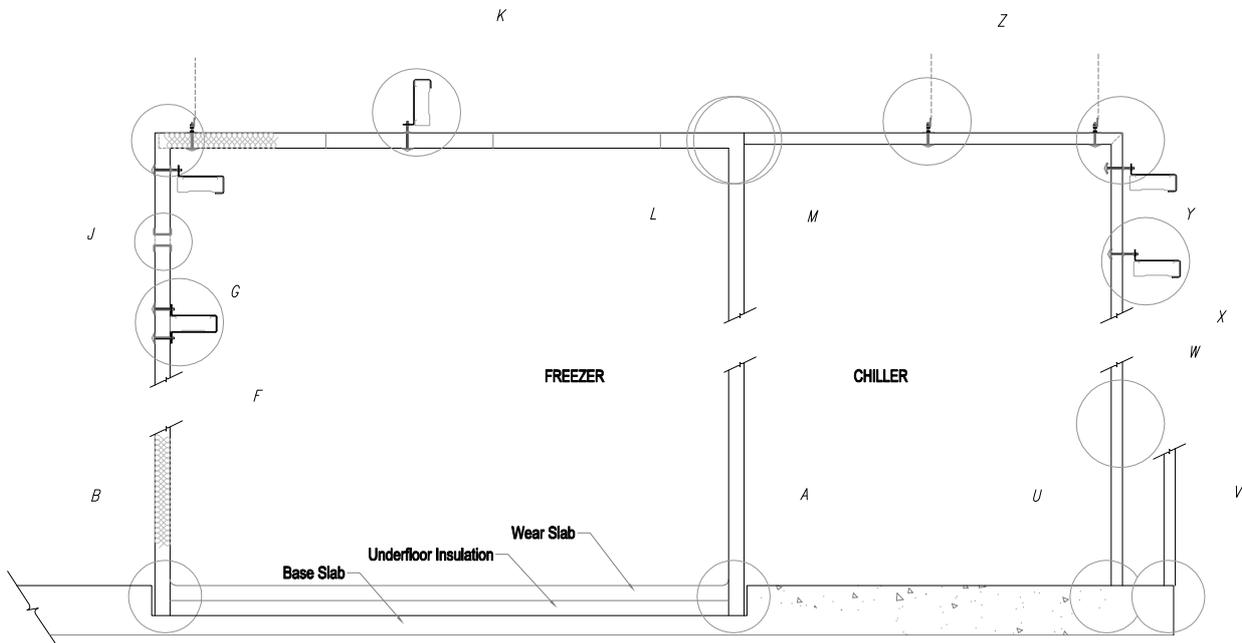
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**INTERNAL FREEZER / FREEZER DETAIL LOCATIONS**



**INTERNAL FREEZER / CHILLER DETAIL LOCATIONS**

<b>SYSTEM</b> KINGSPAN CS PANEL DETAILS STD Q2 2015			
<b>DESCRIPTION</b> COOLSTORE DETAIL LOCATION KEY			
<b>APPROVED BY</b> -	<b>DATE</b> 15.05.15	<b>REVISION</b> 3	
<b>DRG REF:</b> CS_FR_18	<b>SCALE</b> NTS	<b>SHEET</b> 1 of 1	<b>PAPER SIZE</b> A4

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