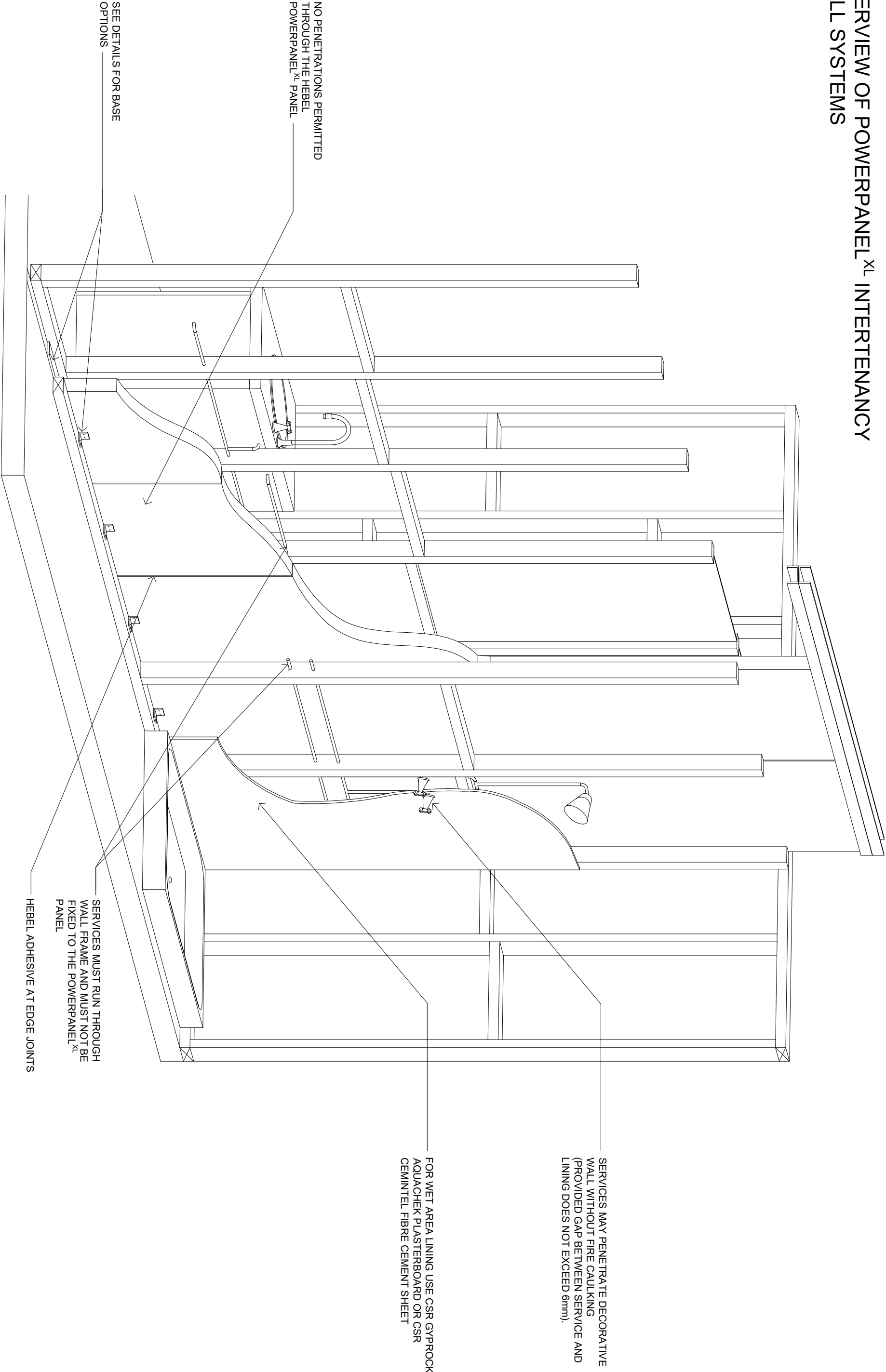



OVERVIEW OF POWERPANEL^{XL} INTERTENANCY WALL SYSTEMS




TYPICAL LAYOUT OF POWERPANEL^{XL} INTERTENANCY WALL SYSTEMS

SCALE: NTS



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FIGURE
3.3.1.1

SCALE
NTS @ A3

SHEET NO.
A3

DESIGN GUIDE REFERENCE
HELT013APRIL19

DISCONTINUOUS WALL SYSTEMS

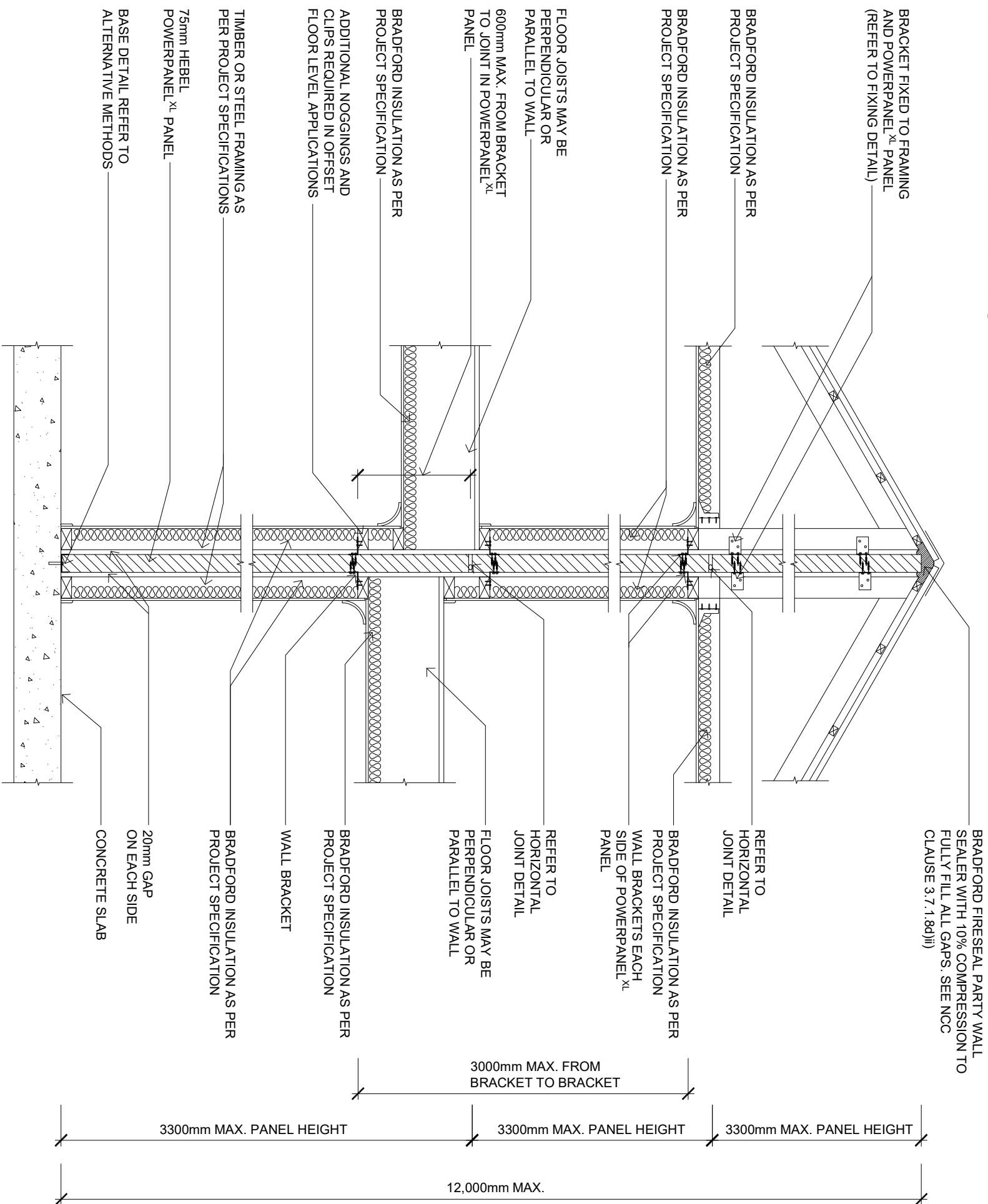
DRAWN
HT

DATE
08.05.19

CHECK
ZK

REVISION
D

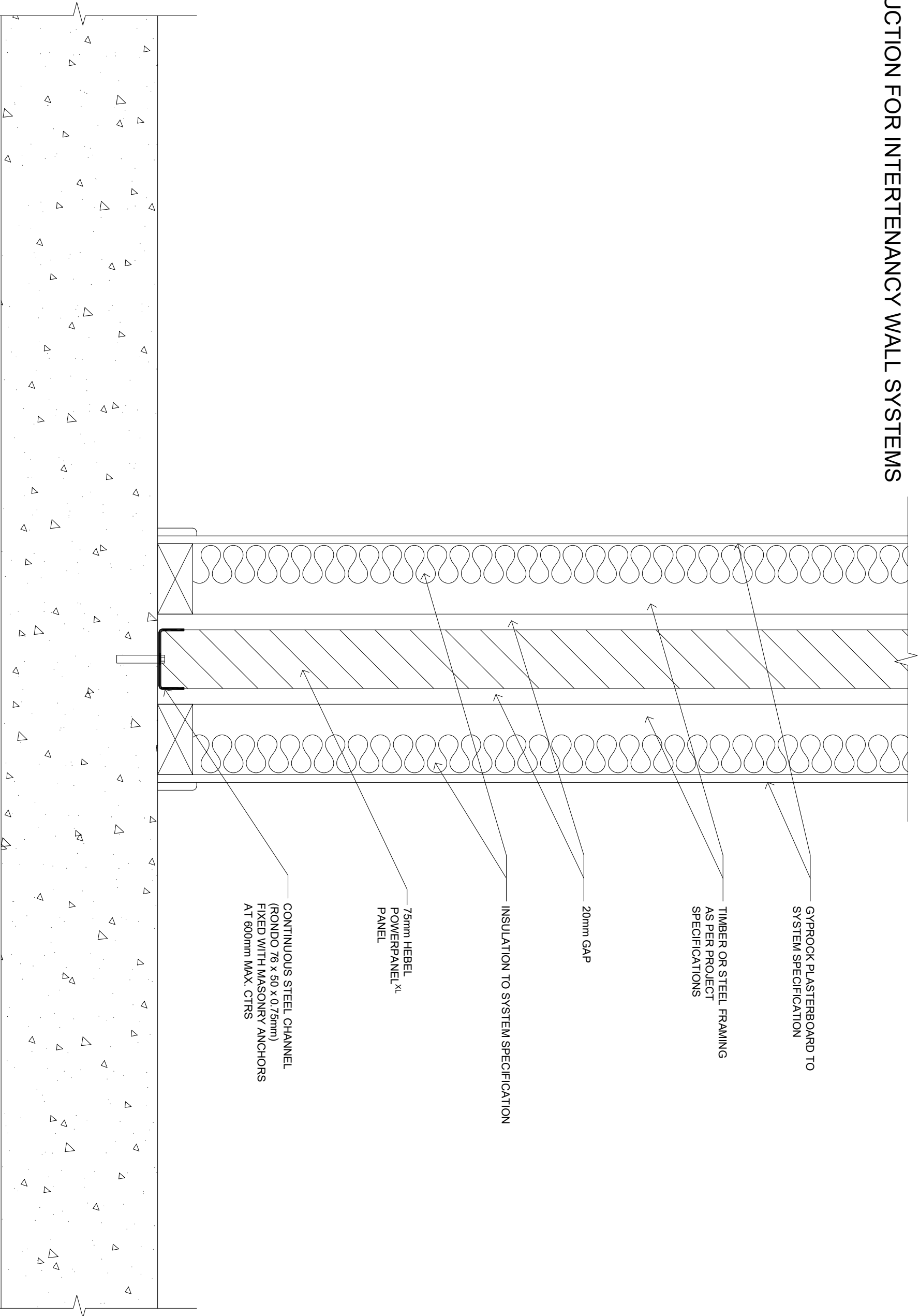
OVERVIEW OF POWERPANEL^{XL} INTERTENANCY WALL SYSTEMS



VERTICAL CROSS SECTION OF POWERPANEL^{XL} INTERTENANCY WALL SYSTEM

SCALE: 1:20

CONSTRUCTION FOR INTERTENANCY WALL SYSTEMS

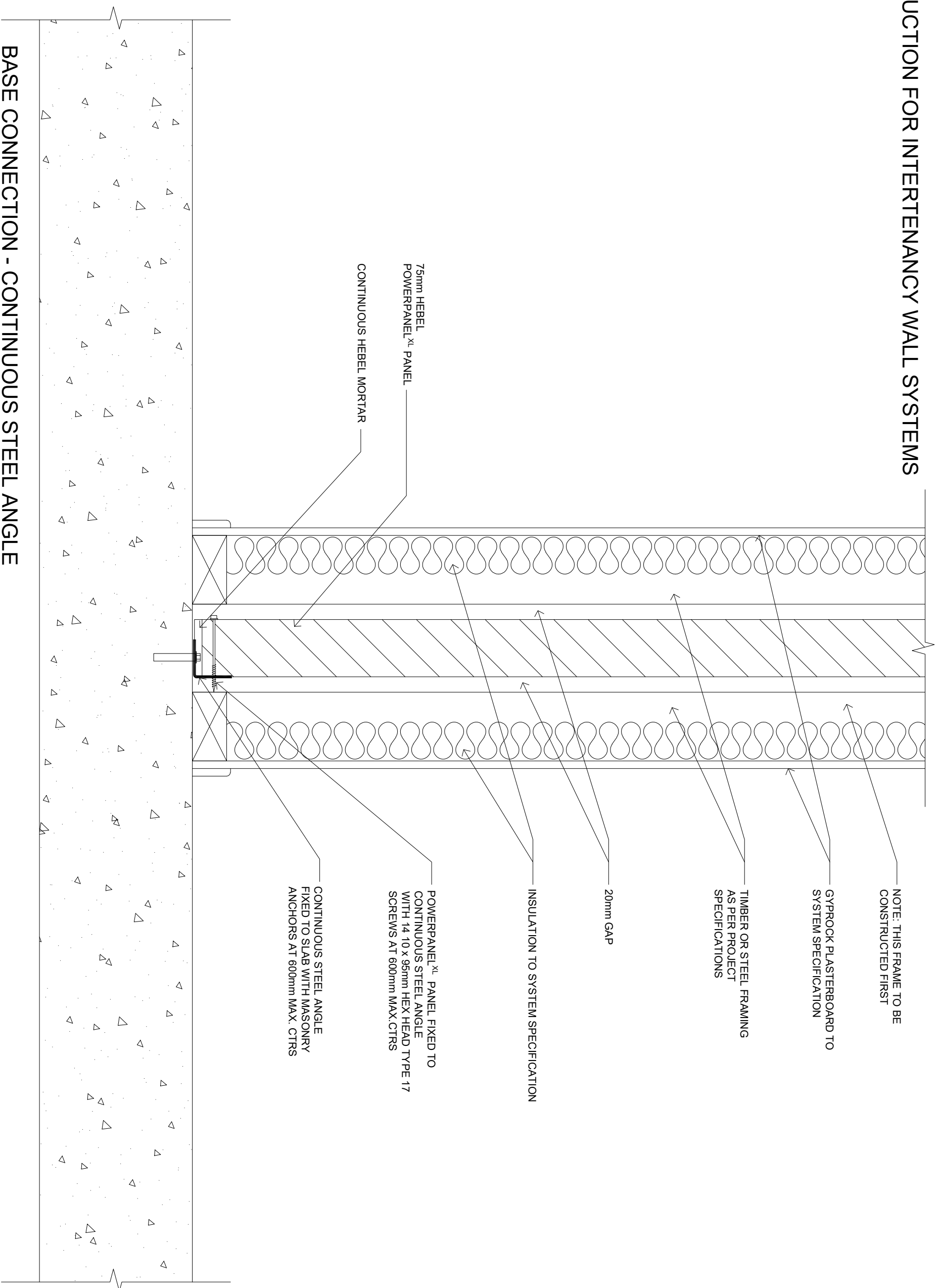


BASE CONNECTION - CONTINUOUS DEFLECTION HEAD TRACK

SCALE: 1:5

<div> <div> <div>CSR</div> <div>CSR BUILDING PRODUCTS LTD</div> <div> HEBEL TRADING PTY LTD LOCKED BAG 136 NORTH RYDE NSW 1570 A.B.N. 55 008 631 356 Ph: 1300 369 448 www.hebelaustralia.com.au </div> </div> <div> <div>hebel</div> <div>The better way to build</div> <div> CSR Building Products Limited A.B.N. 55 008 631 356 1 to 13 Williamsburg Farm Road Strathmore NSW 2190 Ph: 02 4803 3300 Fax: 02 4803 3300 </div> </div> </div>	DETAIL	3.3.2.1	TITLE			
	DESIGN GUIDE REFERENCE	HELT013APRIL19	SCALE	1:5 @ A3	SHEET NO	BASE CONNECTION - CONTINUOUS DEFLECTION HEAD TRACK
					A3	
					1 of 3	
				CHECK	HT	DATE
				ZK		08.05.19
						REVISION
						C

CONSTRUCTION FOR INTERTENANCY WALL SYSTEMS

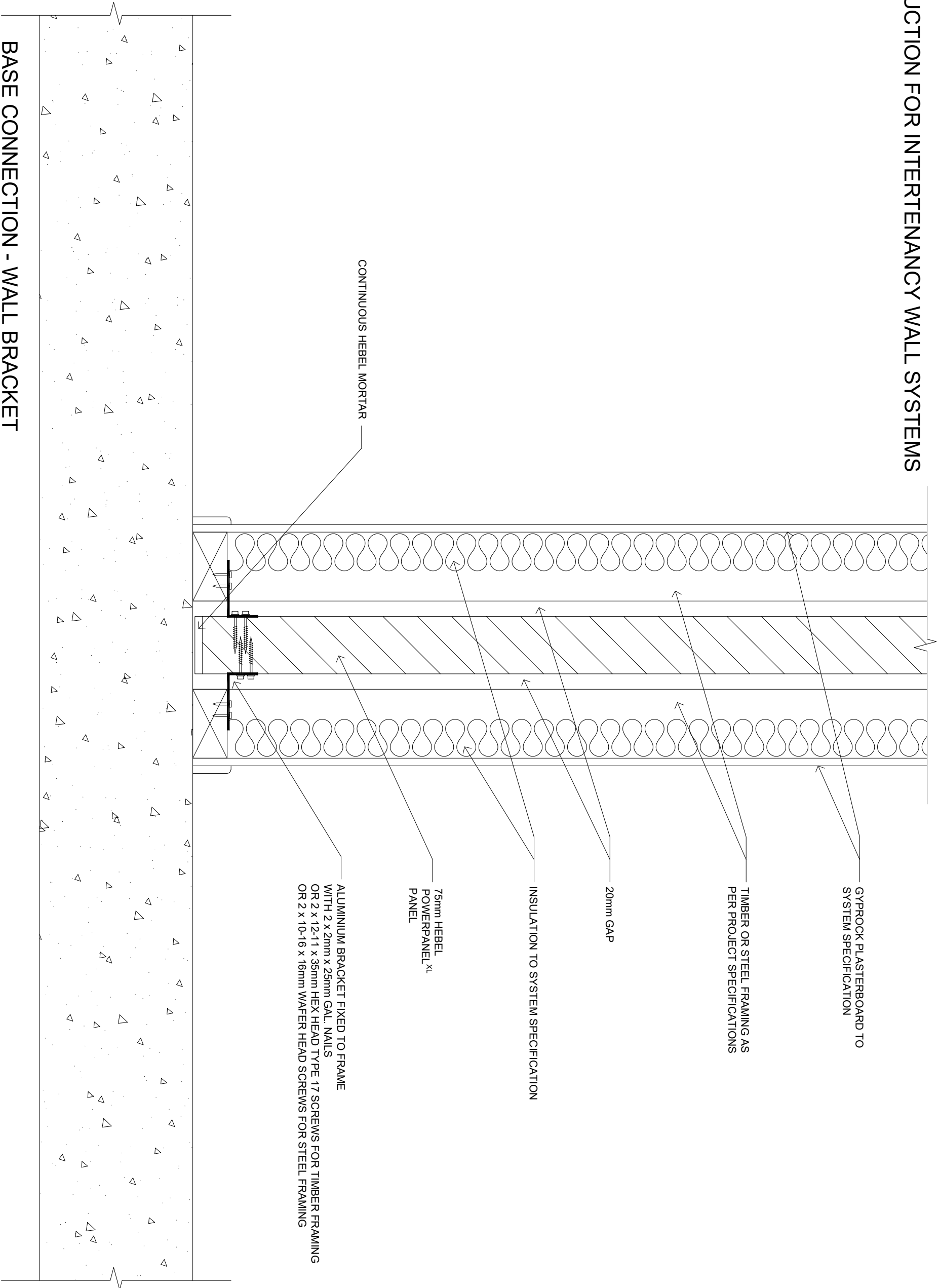


BASE CONNECTION - CONTINUOUS STEEL ANGLE

SCALE: 1:5

DETAIL	TITLE	BASE CONNECTION - CONTINUOUS STEEL ANGLE			
3.3.2.2	SCALE	1:5 @ A3			
DESIGN GUIDE REFERENCE		SHEET SIZE	BRIKMAN	DATE	
HELT1031APRIL19		A3	HT	08.05.19	
		SHEET NO.	CHECK	REVISION	
		2 of 3	ZK	C	

CONSTRUCTION FOR INTERTENANCY WALL SYSTEMS

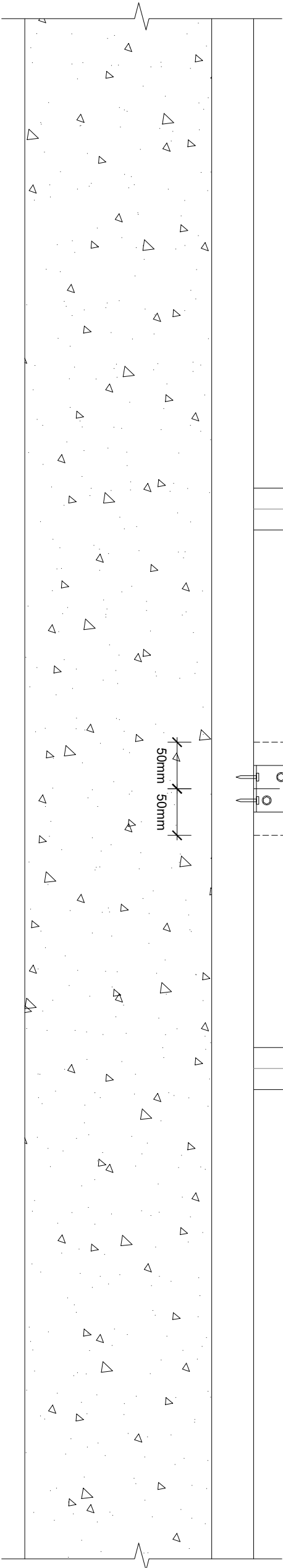
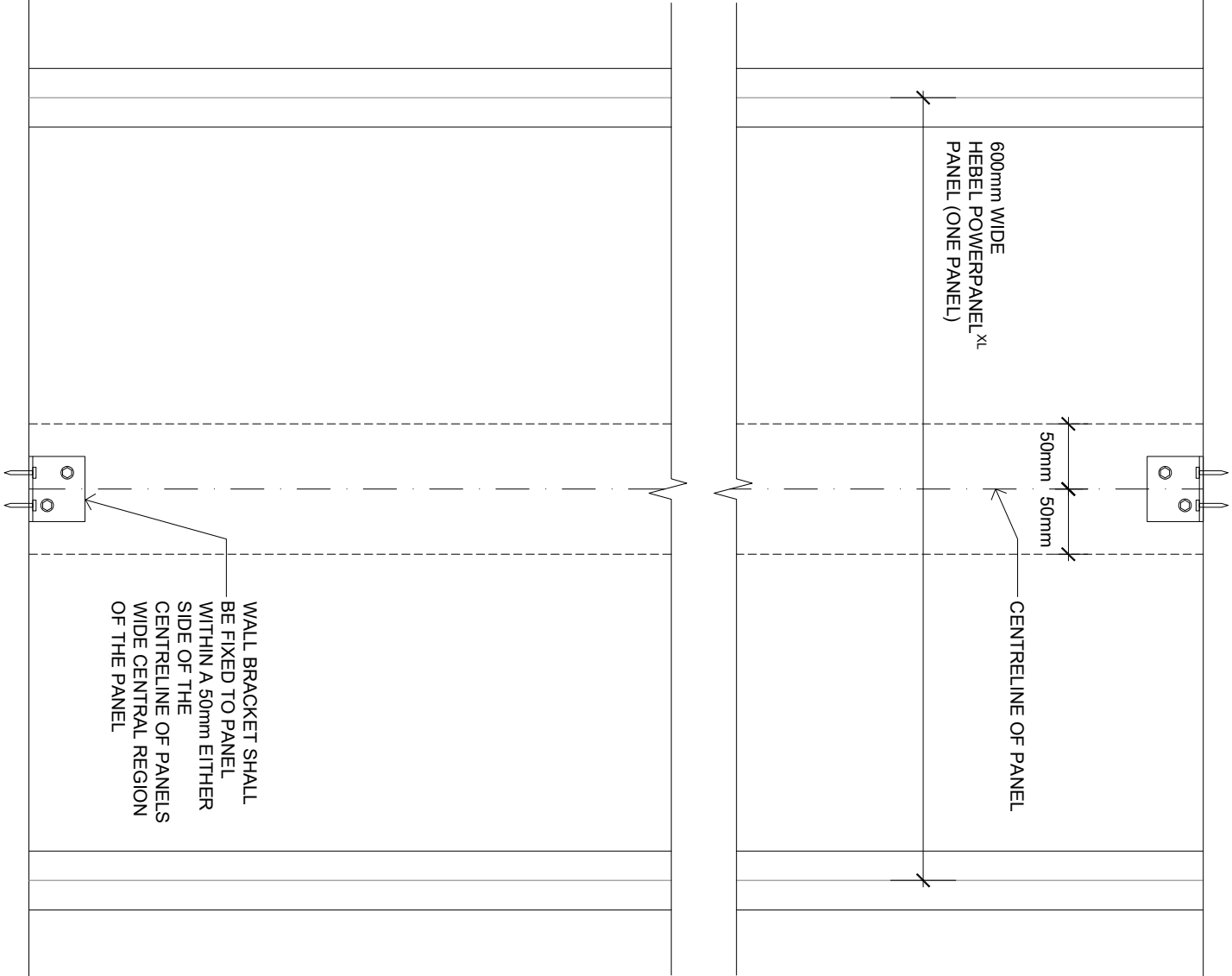


BASE CONNECTION - WALL BRACKET

SCALE: 1:5

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DESIGN GUIDE REFERENCE HELI1013APRIL 19		SCALE	1:5 @ A3	SHEET NO	A3	DRAWN	HT	DATE	08.05.19	CHECK	ZK
				SHEET NO	3 of 3			REVISION	D		


CONSTRUCTION FOR INTERTENANCY
WALL SYSTEMS



BRACKET FIXING


SCALE: 1:5

TITLE				BRACKET FIXING	
DETAIL		SCALE	SHEET SIZE	DRAWN	DATE
3.3.3.1		1:5 @ A3	A3	HT	08.05.19
DESIGN CODE REFERENCE			SHEET NO.	CHECK	REVISION
HELTOT13APRIL19			1 of 1	ZK	D



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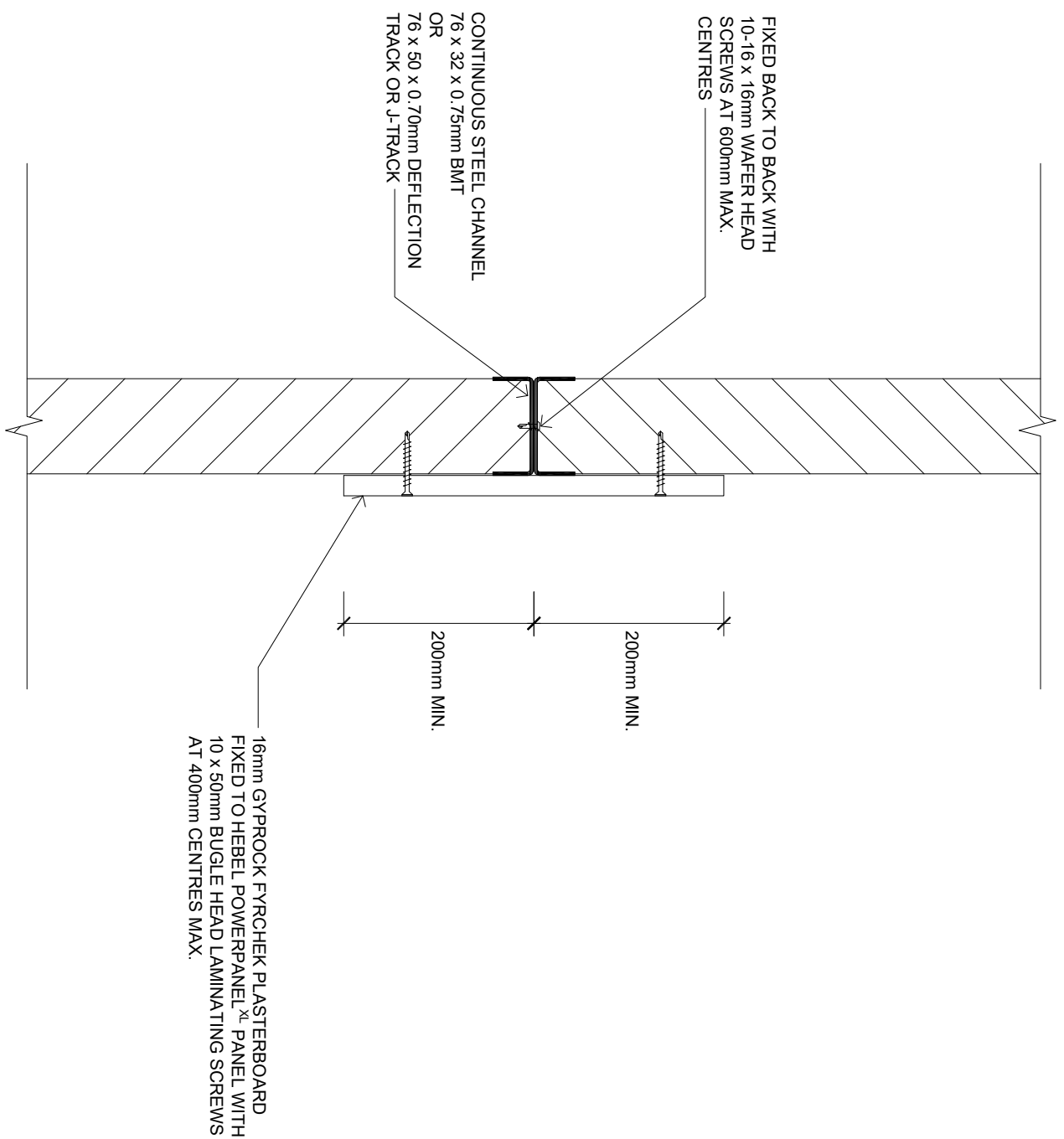


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CONSTRUCTION FOR INTERTENANCY WALL SYSTEMS




HORIZONTAL JOINT FIXING - OPTION 1 (FRL: 90 MINUTES)

SCALE: 1:5



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DETAIL

3,3,4,1

TITLE

HORIZONTAL JOINT FIXING
 OPTION 1

SCALE

1:5 @ A3

SHEET SIZE

A3

SHEET NO

1 of 7

DRAWN

HT

DATE

08.05.19

DESIGN GUIDE REFERENCE

HELITLO13APRIL19

CHECKED

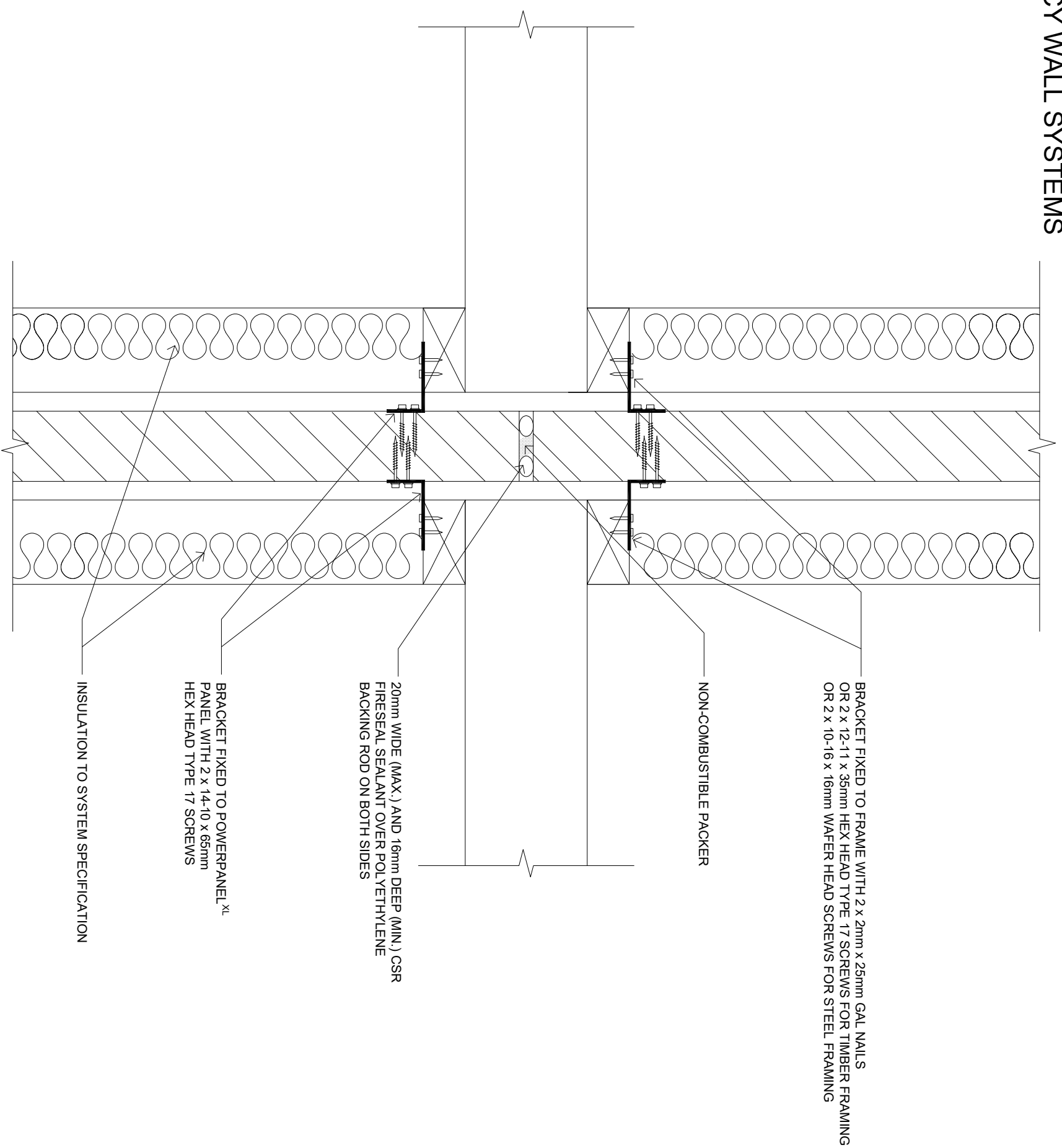
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REVISION

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112, Wynnum Ferry Road
 Sunnybank, NSW 2000
 Fax: 620 45803000

CONSTRUCTION FOR INTERTENANCY WALL SYSTEMS

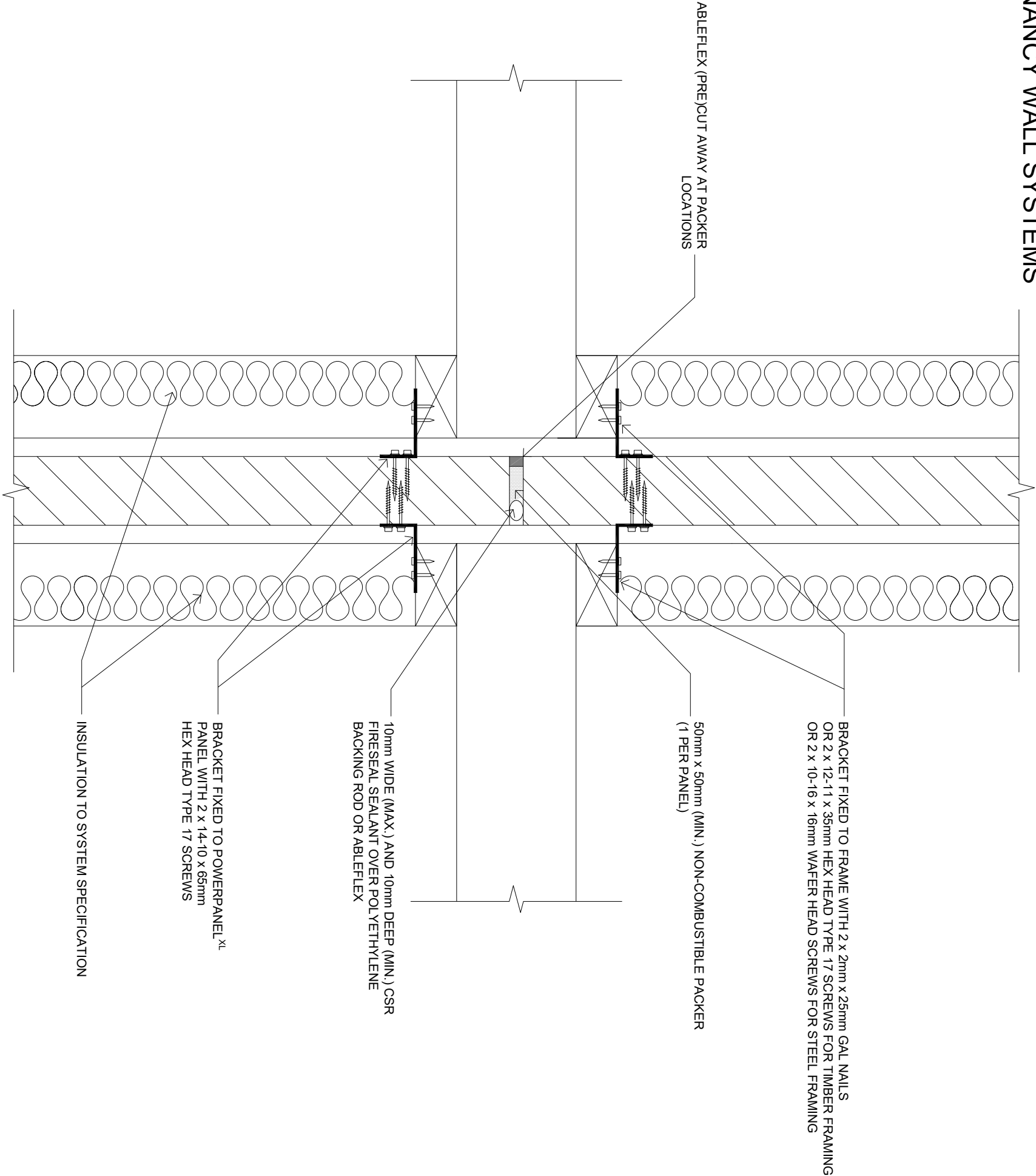


HORIZONTAL JOINT FIXING - OPTION 2 (FRL: 90 MINUTES)

SCALE: 1:5

 CSR BUILDING PRODUCTS LTD Head Office: Tmili 3, 39 DELHI RD, NORTH RYDE NSW 2113 LOCKED BAG 1346, NORTH RYDE BC NSW 1670 A.B.N. 55 008 631 356 Ptn: 1300 369 448 www.hebelitalia.com.au		 The better way to build CSR Building Products Limited A.B.N. 55 008 631 356	
DETAIL		TITLE	
3.3.4.2		HORIZONTAL JOINT FIXING OPTION 2	
DESIGN GUIDE REFERENCE		SCALE	
HELT1073APRIL19		1:5 @ A3	
SHEET NO.		SHEET SIZE	
2 of 7		A3	
CHECK		DRAWN	
ZK		HT	
REVISION		DATE	
D		08.05.19	

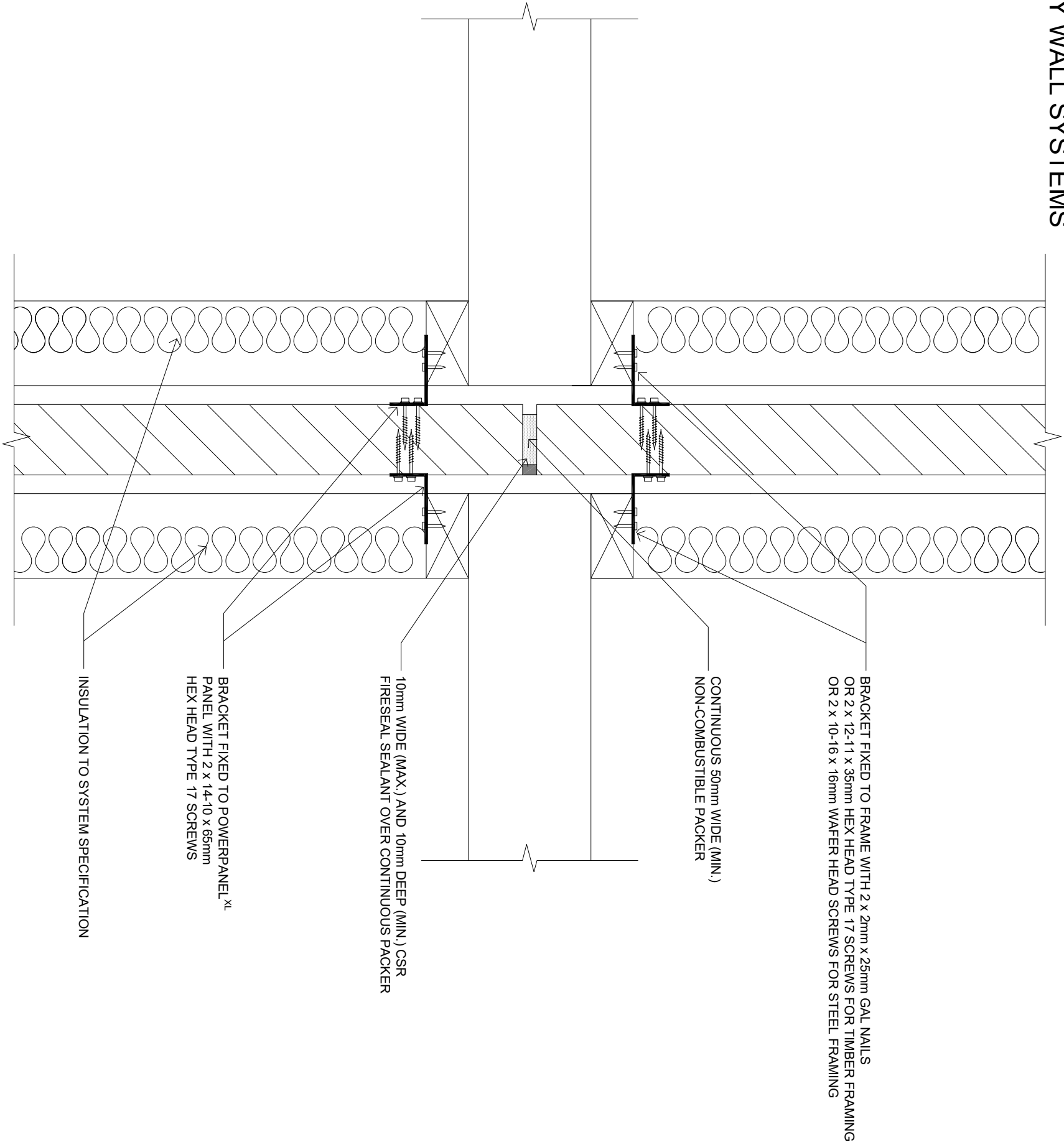
CONSTRUCTION FOR INTERTENANCY WALL SYSTEMS



HORIZONTAL JOINT FIXING - OPTION 3 (FRL: 60 MINUTES)
SCALE: 1:5

<div><div><div>CSR</div><div>CSR BUILDING PRODUCTS LTD</div><div>LOCKED BAG 136, NORTH RYDE NSW 1570 A.B.N. 55 008 631 356 Ph: 1300 369 448 www.hebelaustralia.com.au</div></div><div><div><div>hebel</div><div>The better way to build</div><div>CSR Building Products Limited</div></div><div><div>1 to 10 Macquarie Park Road Sydney NSW 2100 Ph: 02 4403 3300 Fax: 02 4403 3300 A.B.N. 55 008 631 356</div></div></div></div>	DETAIL	3.3.4.3	TITLE			
	DESIGN GUIDE REFERENCE	HELLI013APRIL19	SCALE	1:5 @ A3	SHEET SIZE	A3
HORIZONTAL JOINT FIXING					DRAWN	HT
OPTION 3					CHECK	ZK
					DATE	08.05.19
					REVISION	D

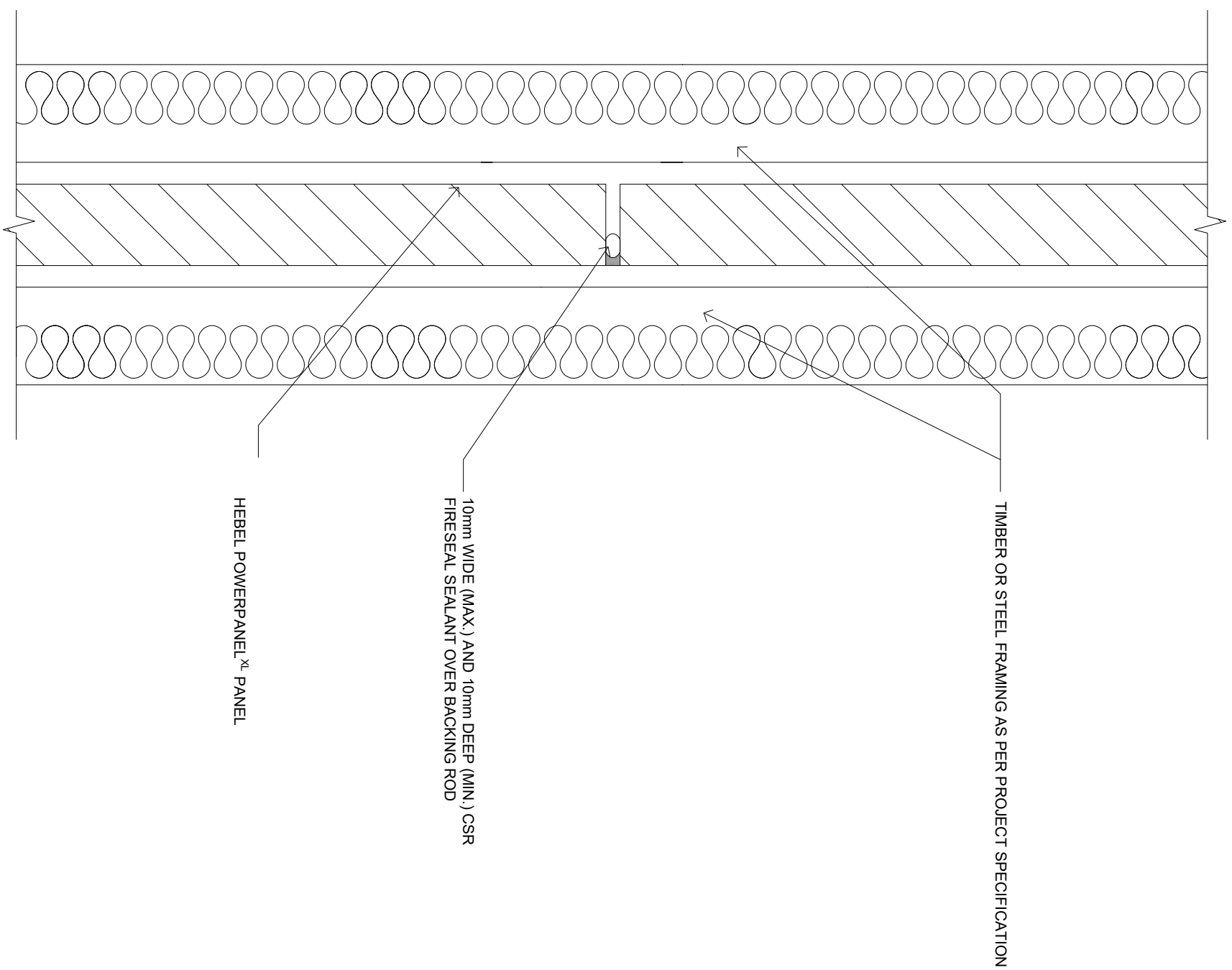
CONSTRUCTION FOR INTERTENANCY WALL SYSTEMS



HORIZONTAL JOINT FIXING - OPTION 4 (FRL: 60 MINUTES)
SCALE: 1:5



<div><div><div>CSR</div><div>CSR BUILDING PRODUCTS LTD</div><div>LOCKED BAG 136, NORTH RYDE NSW 1570</div><div>A.B.N. 55 008 631 356</div><div>Ph: 1300 369 448</div><div>www.hebelaustralia.com.au</div></div><div><div><div>hebel</div><div>The better way to build</div><div>CSR Building Products Limited</div><div>1 to 10 Macquarie Park Road</div><div>Stoney Creek NSW 2150</div><div>Ph: 02 4803 3300</div><div>Fax: 02 4803 3300</div><div>A.B.N. 55 008 631 356</div></div></div></div>	DETAIL	3 3 4 4	TITLE			
	DESIGN GUIDE REFERENCE	HELL1013APRIL19	SCALE	1:5 @ A3	SHEET NO	4 of 7
HORIZONTAL JOINT FIXING			OPTION 4	DRAWN	HT	DATE
				CHECK	ZK	REVISION
						D

CONSTRUCTION FOR INTERTENANCY WALL SYSTEMS

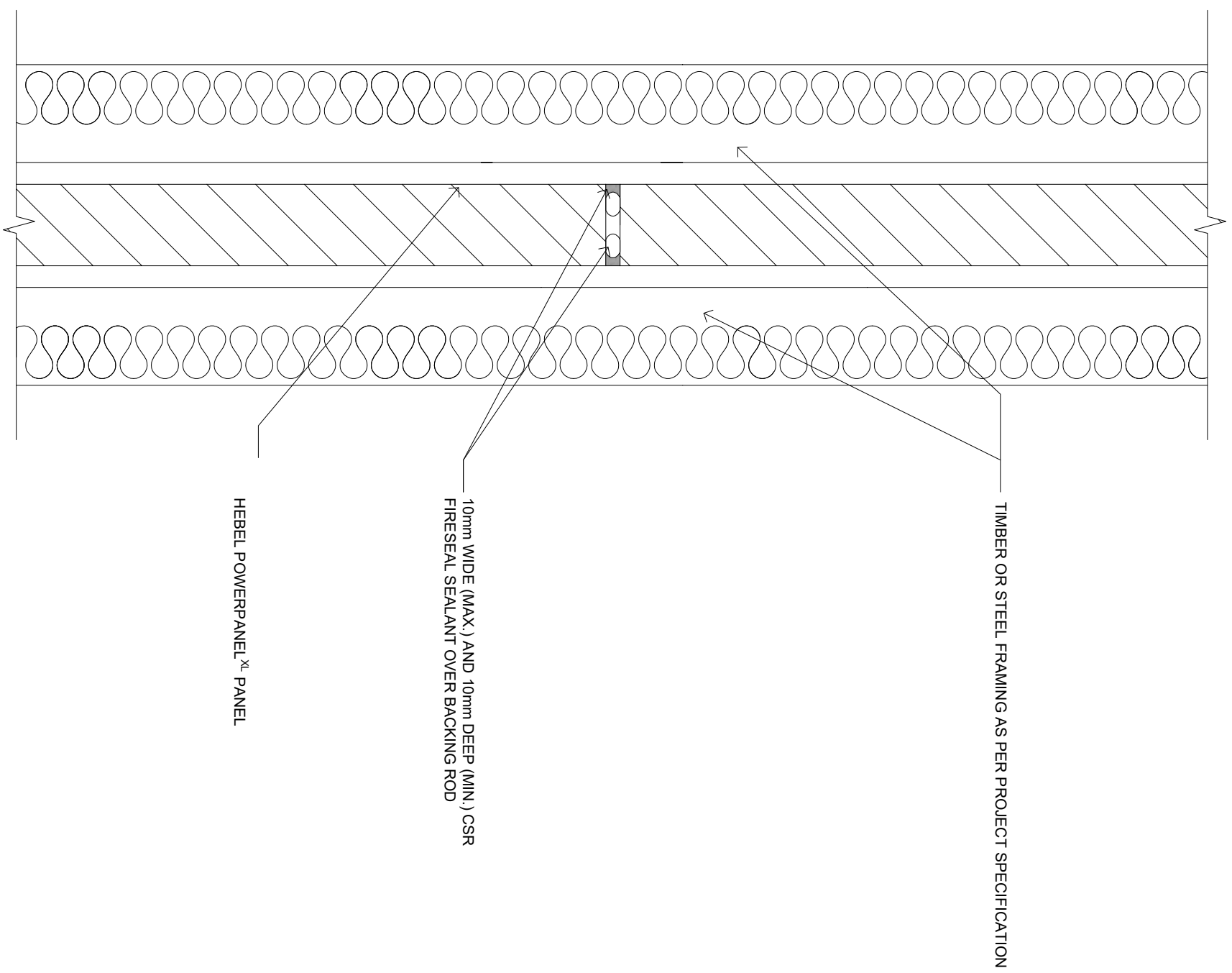


HORIZONTAL JOINT FIXING - OPTION 6 (FRL: 60 MINUTES)

SCALE: 1:5


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FIGURE	3.3.4.6	TITLE	HORIZONTAL JOINT FIXING OPTION 6
DESIGN GUIDE REFERENCE	HELIT013APRIL19	SCALE	1:5 @ A3
		SHEET SIZE	A3
		SHEET NO.	6 of 7
		CHECK	ZK
		DATE	08.05.19
		REVISION	A

CONSTRUCTION FOR INTERTENANCY WALL SYSTEMS




HORIZONTAL JOINT FIXING - OPTION 7 (FRL: 90 MINUTES)

SCALE: 1:5



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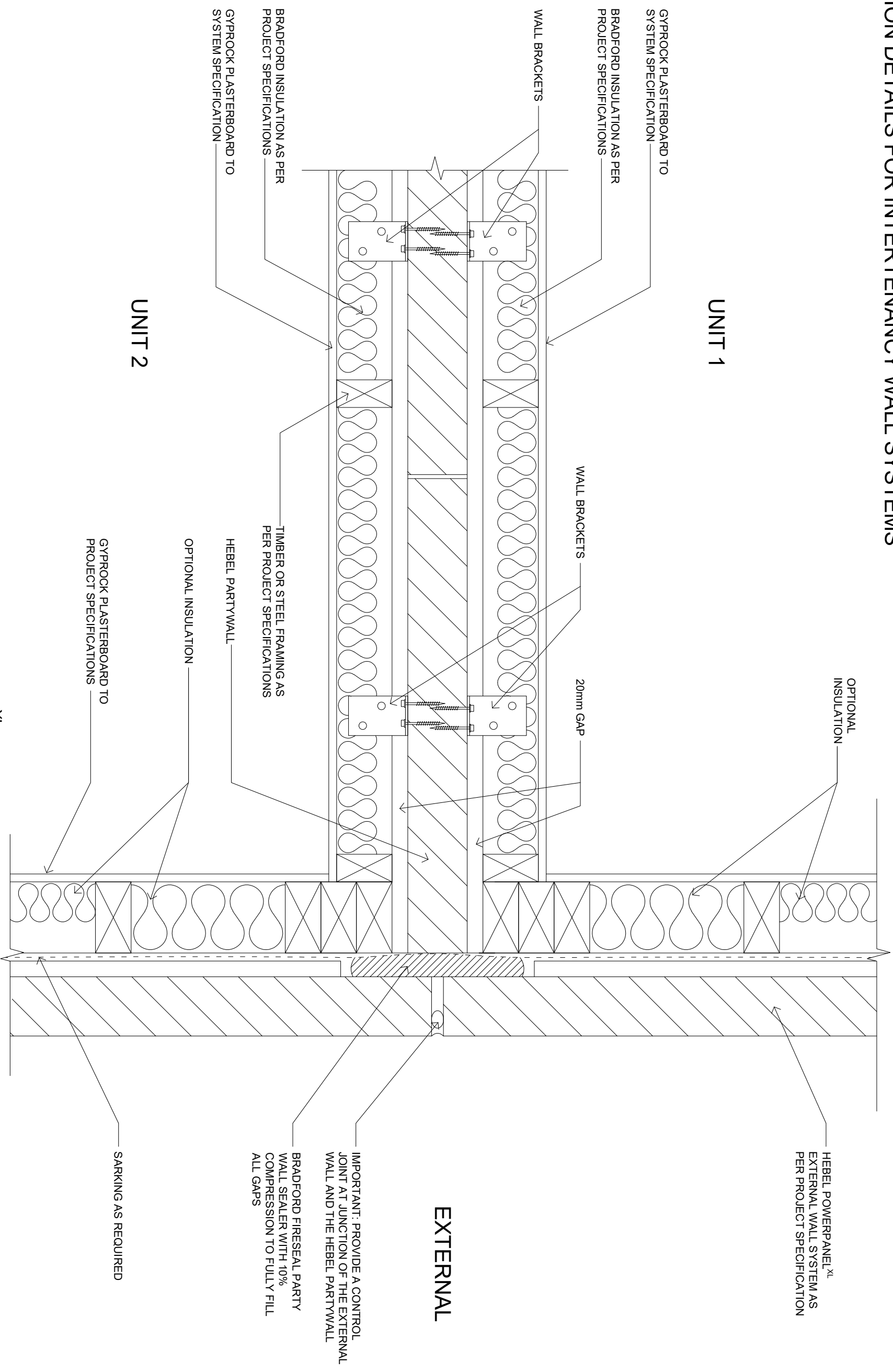


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 Fax: 6221 4803/2300

FIGURE	3.3.4.7			
TITLE	HORIZONTAL JOINT FIXING OPTION 7			
DESIGN GUIDE REFERENCE	SCALE	SHEET SIZE	DRAWN	DATE
HELT013APRIL19	1:5 @ A3	A3	HT	08.05.19
	SHEET NO.	CHECKED	REVISION	
	5 of 7	ZK	A	


JUNCTION DETAILS FOR INTERTENANCY WALL SYSTEMS



EXTERNAL WALL JUNCTION FOR POWERPANEL^{XL} INTERTENANCY DISCONTINUOUS WALL SYSTEMS



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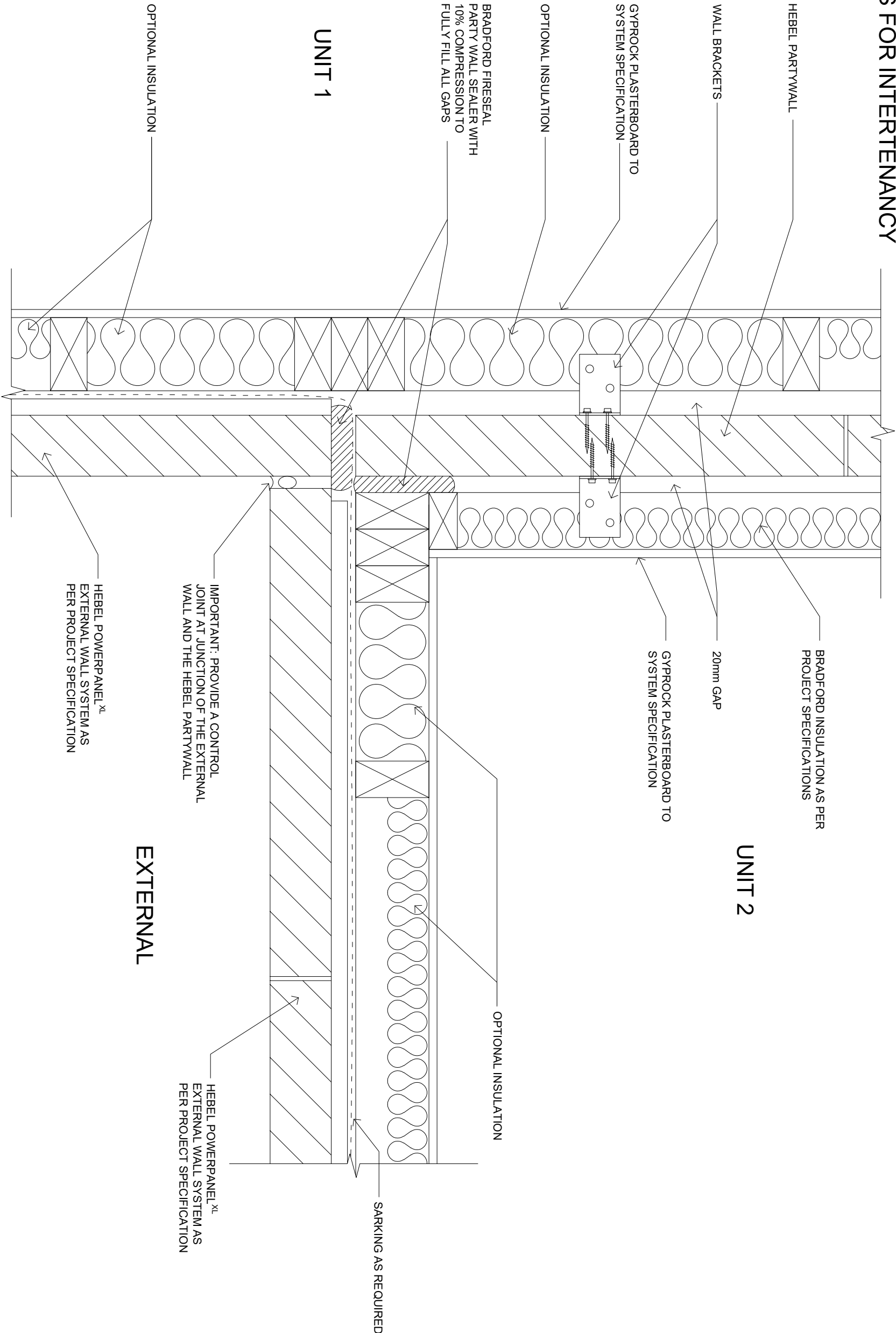
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1121 Wymanway Ferry Road
 Sydney, NSW 2150
 Phone: 02 940 3300
 Fax: 02 940 3300

DESIGN GUIDE REFERENCE
HEBELT013APRIL19

TITLE		DETAIL
EXTERNAL WALL JUNCTION FOR POWERPANEL XL INTERMEDIACY DISCONTINUOUS WALL SYSTEMS		3.3.5.1
SCALE	1:5 @ A3	
SHEET SIZE	A3	
SHEET NO	1 of 5	
DRAWN	HT	
DATE	08.05.19	
CHECK	ZK	
REVISION	C	

JUNCTION DETAILS FOR INTERTENANCY WALL SYSTEMS

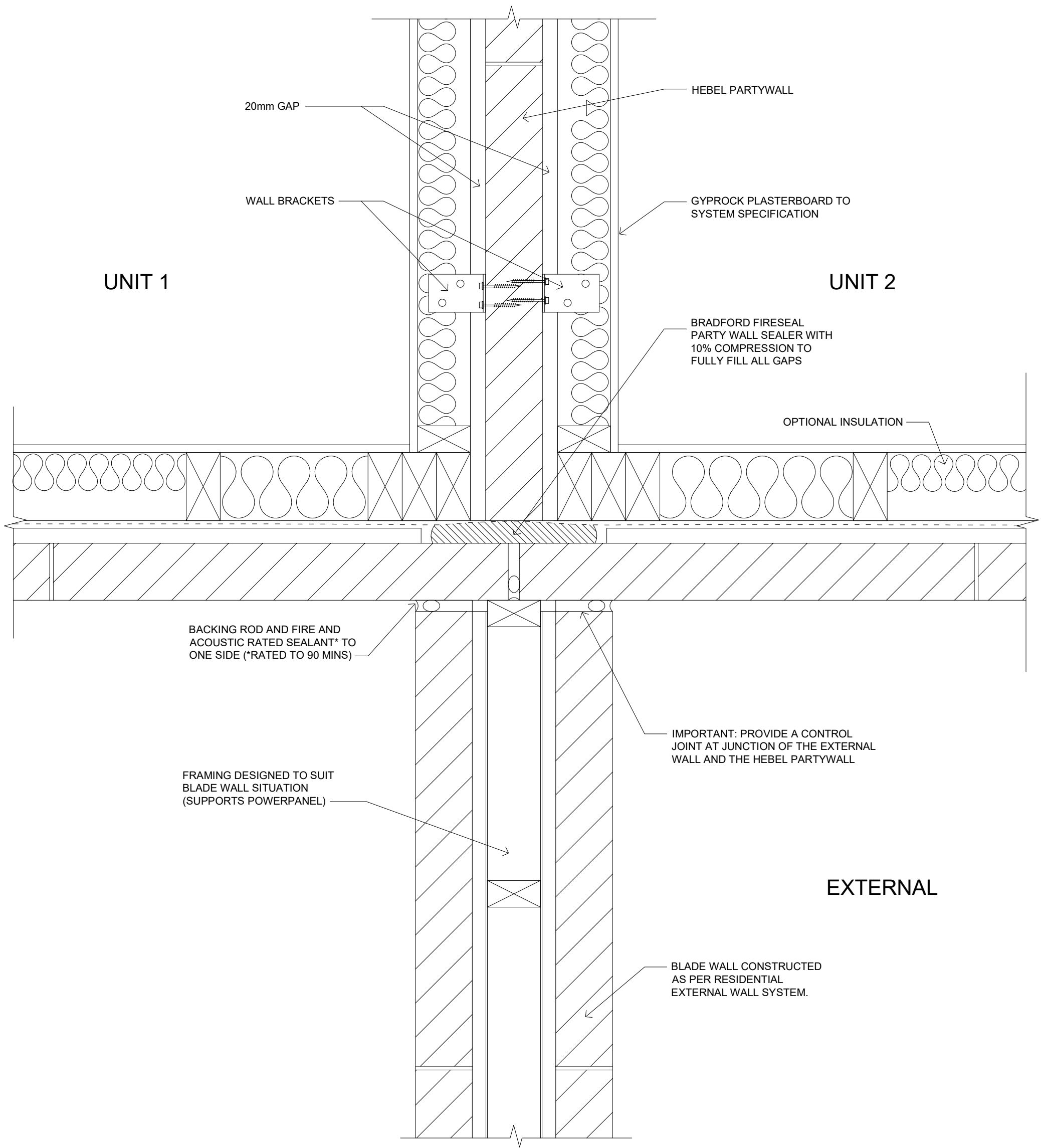


EXTERNAL WALL CORNER JUNCTION FOR
POWERPANEL^{XL} INTERTENANCY WALL SYSTEMS

SCALE: 1:5



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	DESIGN GUIDE REFERENCE	HELT013APRIL19	SCALE	1:5 @ A3	SHEET NO	2 of 5
			DRAWN	HT	CHECK	ZK
			DATE	08.05.19	REVISION	C

JUNCTION DETAILS FOR INTERTENANCY WALL SYSTEMS

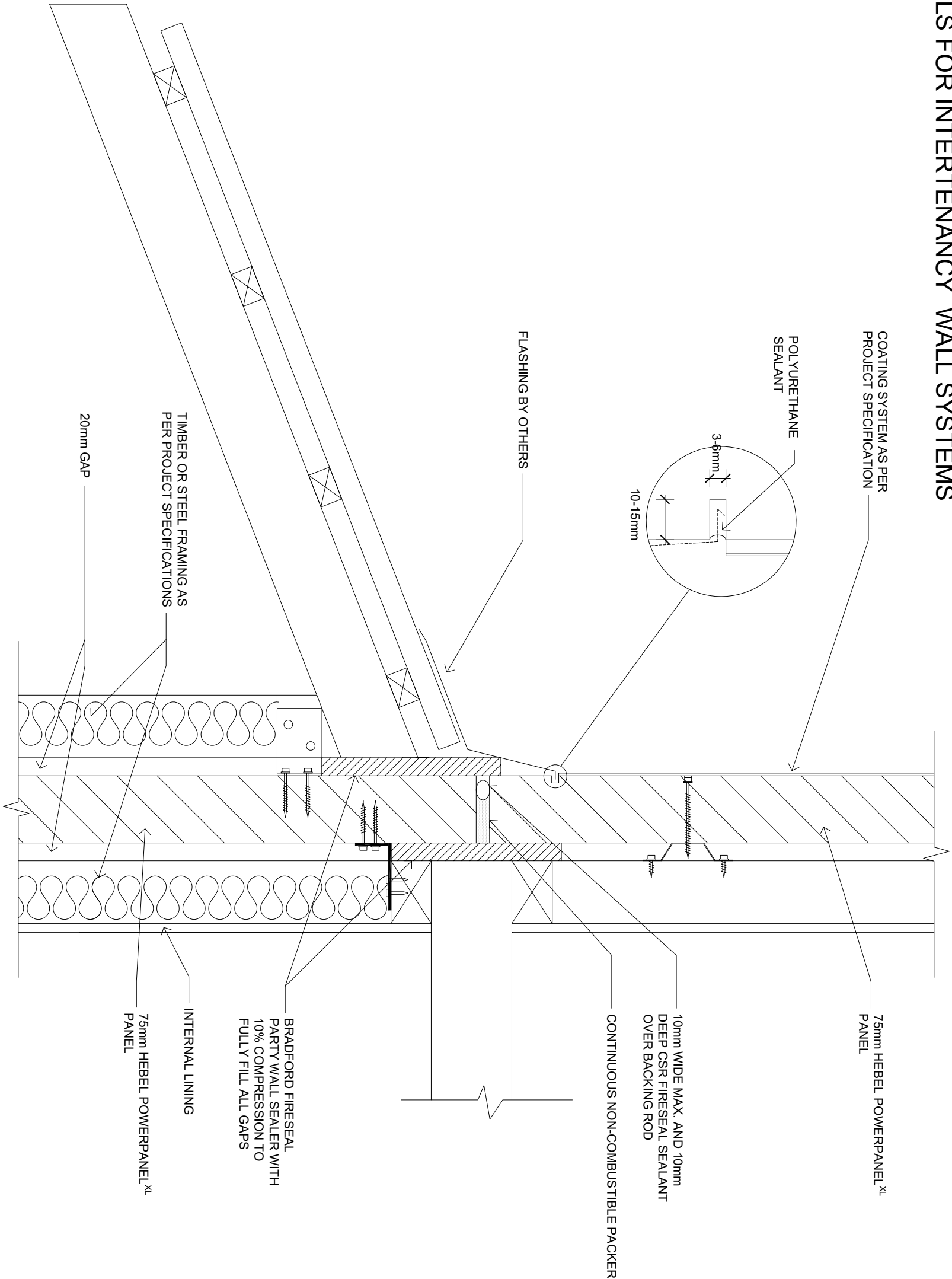


BLADE WALL JUNCTION DETAIL

SCALE: 1:5

	CSR BUILDING PRODUCTS LTD Head Office: Trinitil 3, 39 DELHI RD, NORTH RYDE NSW 2113 LOCKED BAG 1345, NORTH RYDE BC NSW 1670 A.B.N. 55 008 631 356 Ph: 1300 369 448 www.hebelaustralia.com.au	 The better way to build CSR Building Products Limited A.B.N. 55 008 631 356	112 Wisemann Ferry Road Somersby, NSW 2500 Phone: (02) 4340 3380 Fax: (02) 4340 3300	DETAIL	TITLE			
				3.3.5.3	BLADE WALL JUNCTION DETAIL			
				DESIGN GUIDE REFERENCE	SCALE	SHEET SIZE	DRAWN	DATE
				HELIT013APRIL19	1:5 @ A3	A3	HT	08.05.19
						SHEET NO.	CHECK	REVISION
		3 of 5	ZK	D				

JUNCTION DETAILS FOR INTERTENANCY WALL SYSTEMS



STEP IN ROOF HEIGHT

SCALE: 1:5

DETAIL		TITLE			
3, 3, 5, 4		STEP IN ROOF HEIGHT			
DESIGN GUIDE REFERENCE		SCALE	SHEET SIZE	DRAWN	DATE
HELI1013APRL19		1:5 @ A3	A3	HT	08.05.19
			SHEET NO.	CHECK	REVISION
			4 of 5	ZK	D

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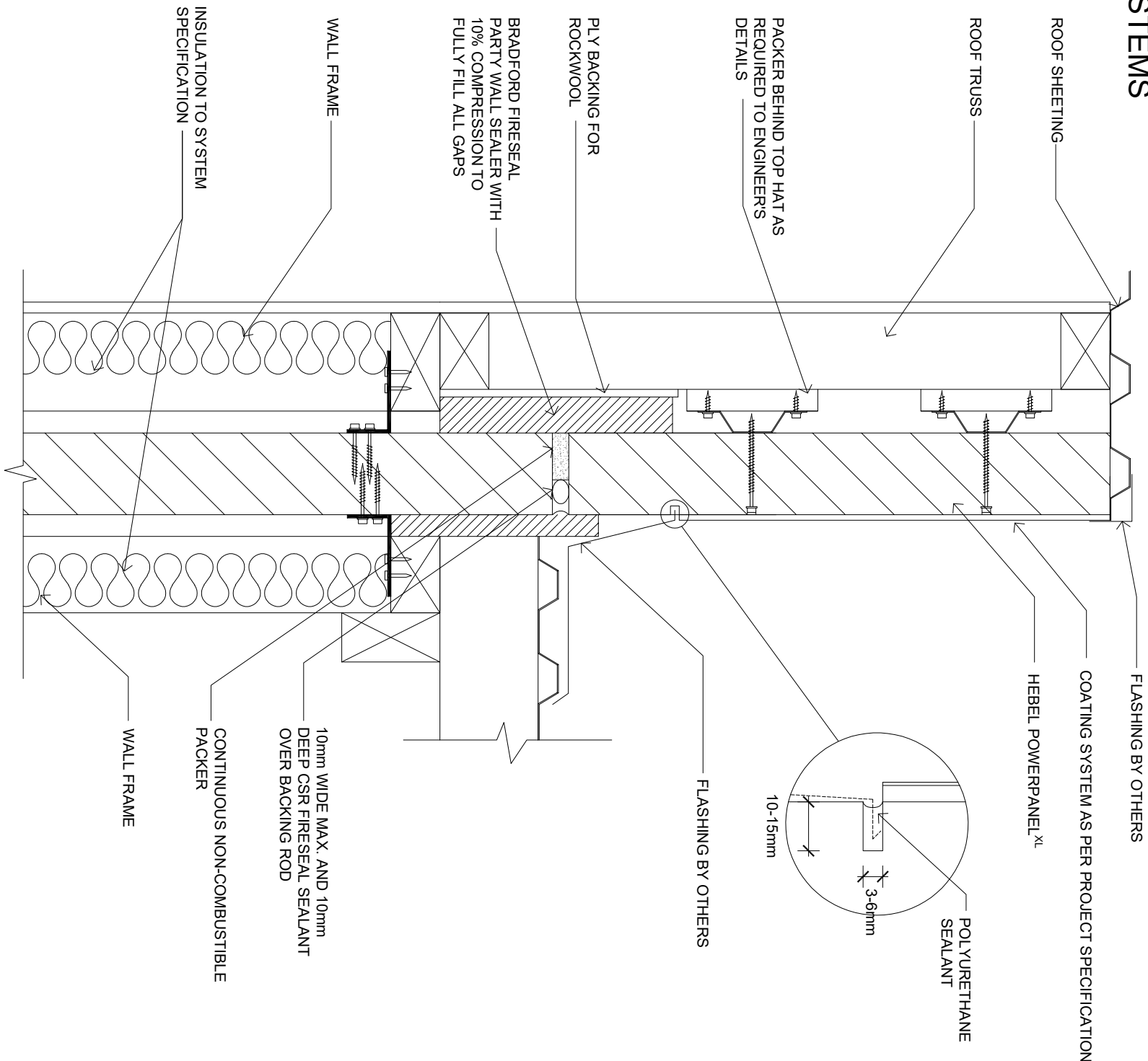
11-13 Benjamin Road

North Ryde NSW 2113

Phone: 02 9480 3300

Fax: 02 9480 3300

JUNCTION DETAILS FOR INTERTENANCY WALL SYSTEMS



PARTY WALL TO EXTERNAL WALL DETAIL

SCALE: 1:5

DETAIL		TITLE			
3, 3, 5, 5		STEP IN ROOF HEIGHT			
DESIGN GUIDE REFERENCE		SCALE	SHEET SIZE	DRAWN	DATE
HELI1013APRL19		1:5 @ A3	A3	HT	08.05.19
			SHEET NO.	CHECK	REVISION
			5 of 5	ZK	D

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www.hebelaustralia.com.au

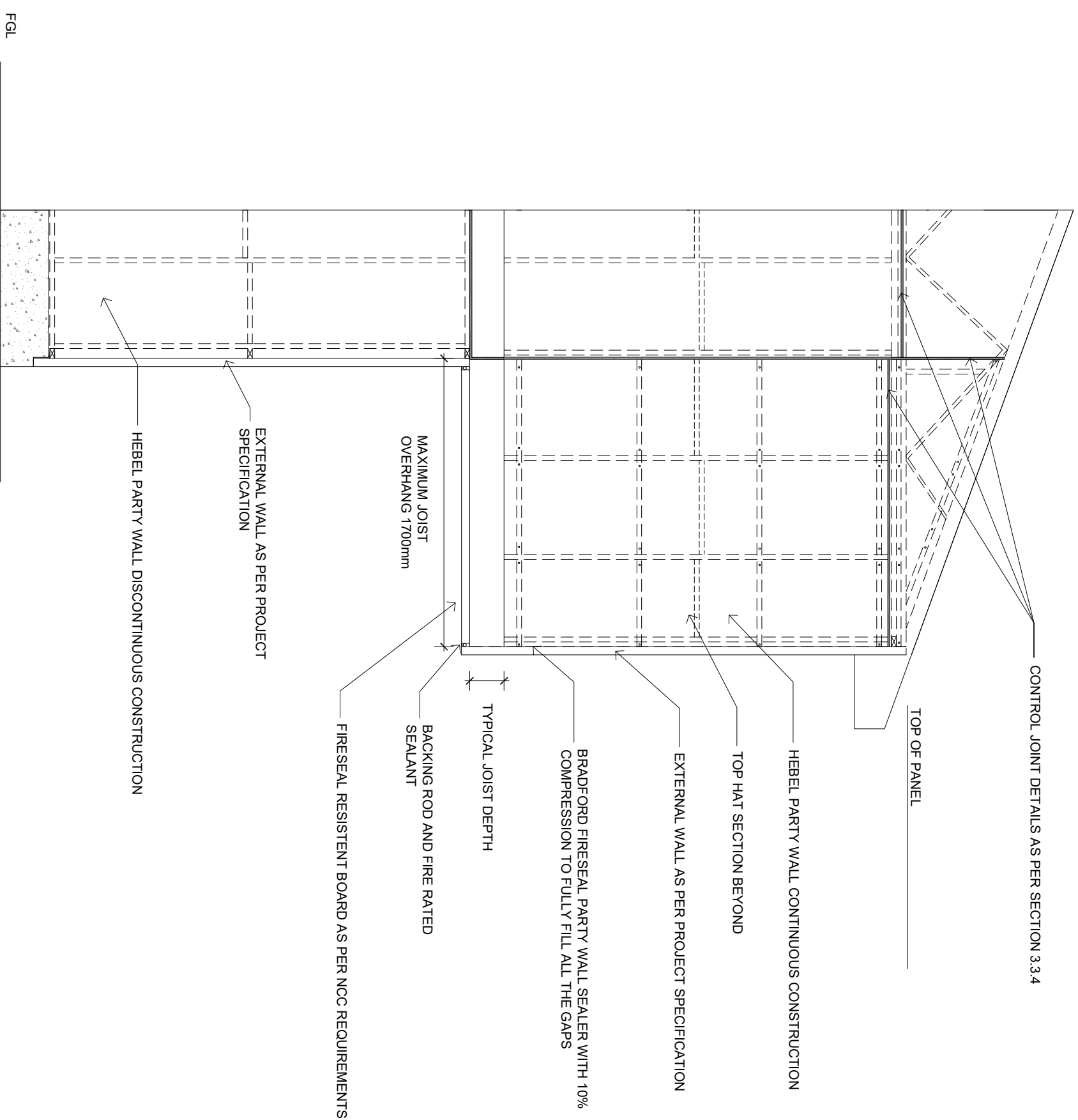
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INTERTENANCY WALL OVERHANG




POWERPANEL^{XL} CANTILEVERED CONSTRUCTION
INTERTENANCY WALL OVERHANG
NTS

NOTE

1. MAX. PANEL LENGTH IS 3300mm.
2. MAX. SPAN BETWEEN SUPPORT ANCHORS IS 3000mm.
3. MAX. PANEL CANTILEVER FROM RESTRAINT BRACKET IS 600mm.



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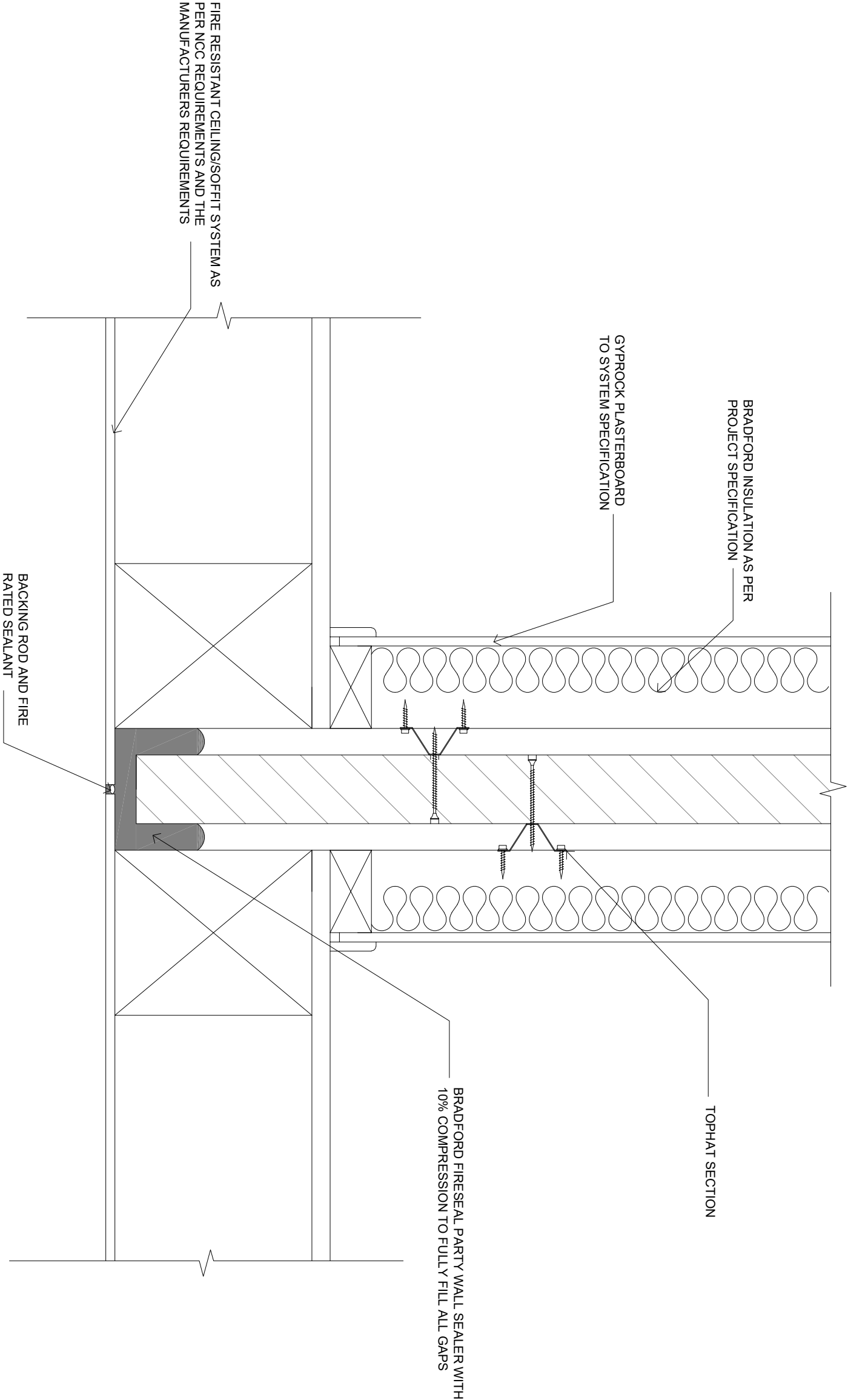
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 Fax: 6221 4803/3300

DESIGN GUIDE REFERENCE
 HELTIT03APRILL19

TITLE		DETAIL	
POWER/PANEL ^{XL} INTERVENANCY WALL OVERHANG		3.3.1.1	
SCALE	SHEET SIZE	DRAWN	DATE
NTS @ A3	A3	HT	08.05.19
SHEET NO	CHECK	REVISION	
1 of 2	ZK	B	

CANTILEVERED SOFFIT



CROSS SECTION OF POWERPANEL^{XL} INTERTENANCY
WALL SYSTEM CANTILEVERED SOFFIT
SCALE: 1:5

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3.3.7.2		POWERPANEL ^{XL} INTERTENANCY WALL CANTILEVERED SOFFIT		NTS @ A3		A3		HT		08.05.19	
DESIGN GUIDE REFERENCE		SCALE		SHEET NO		CHECK		REVISION			
HELT013APRIL19		NTS @ A3		2 of 2		ZK		B			