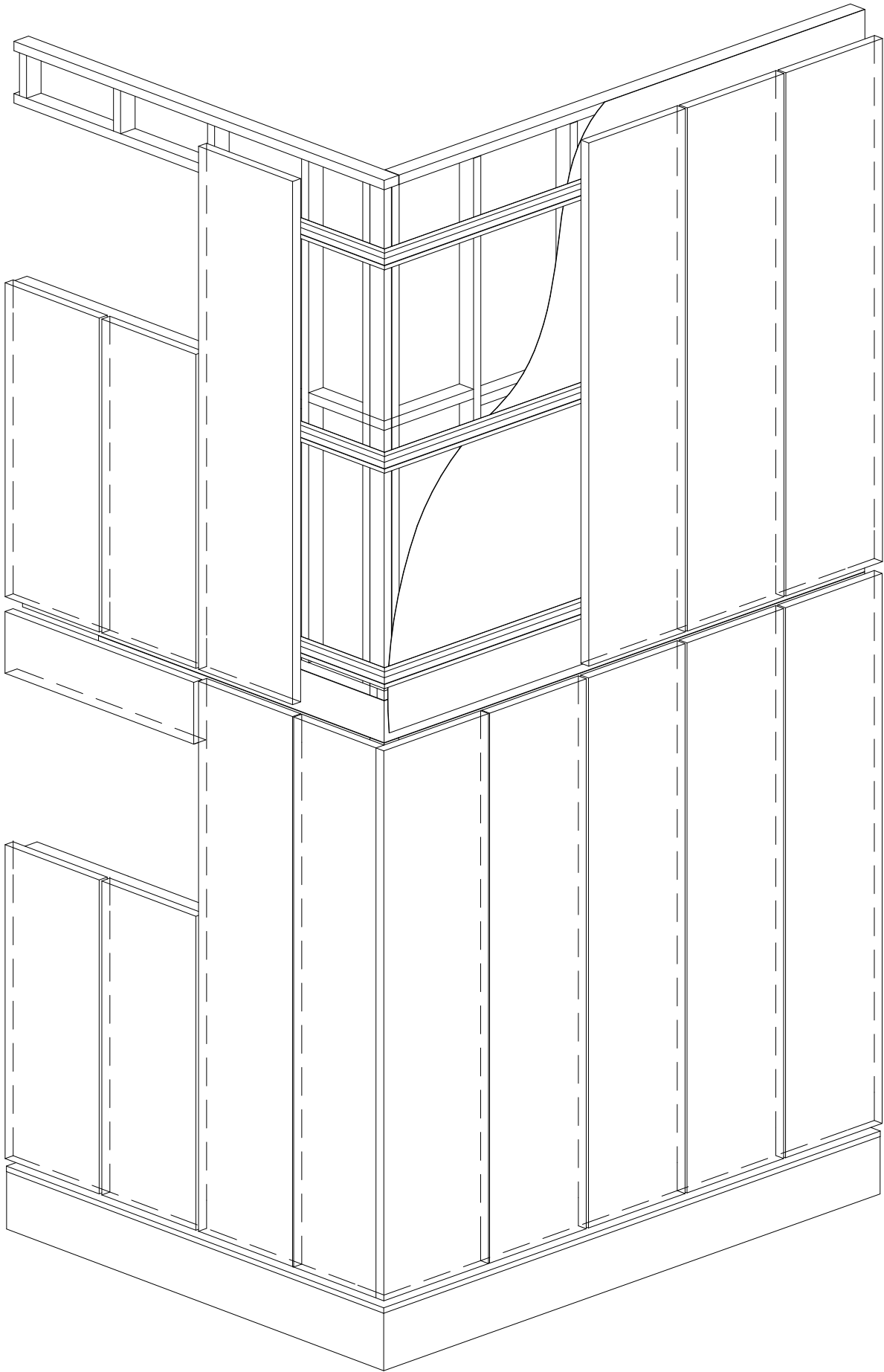


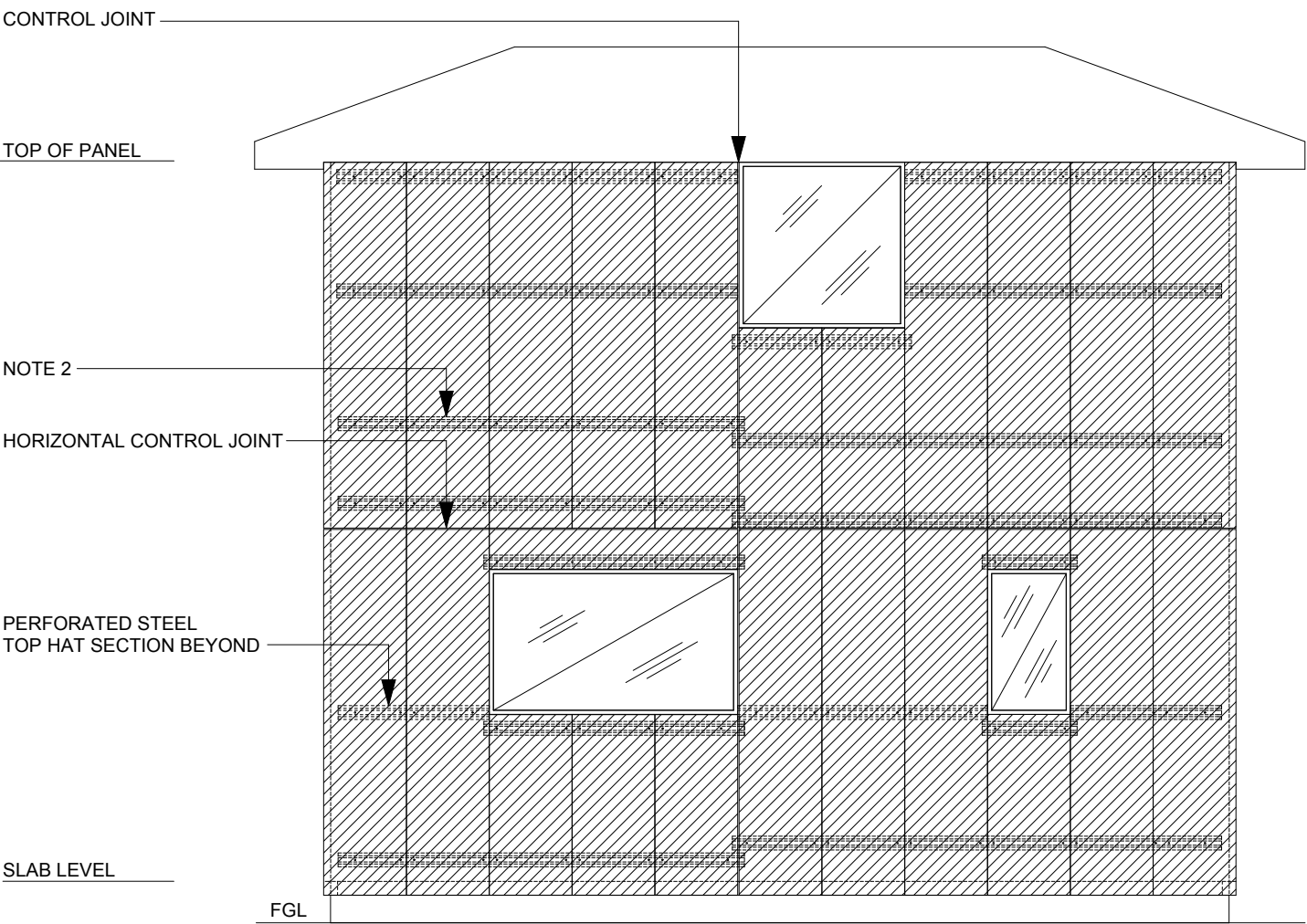
TWO STOREY CONSTRUCTION DETAILS



TWO STOREY CONSTRUCTION  
ISOMETRIC VIEW DETAIL  
NTS

FIGURE	TITLE			
	POWERPANEL 50mm WALL SYSTEM TWO STOREY CONSTRUCTION ISOMETRIC VIEW DETAIL			
SCALE	SHEET SIZE	DRAWN	DATE	
NTS @ A3	A3	DA	20.12.13	
		DG	REVISION G	

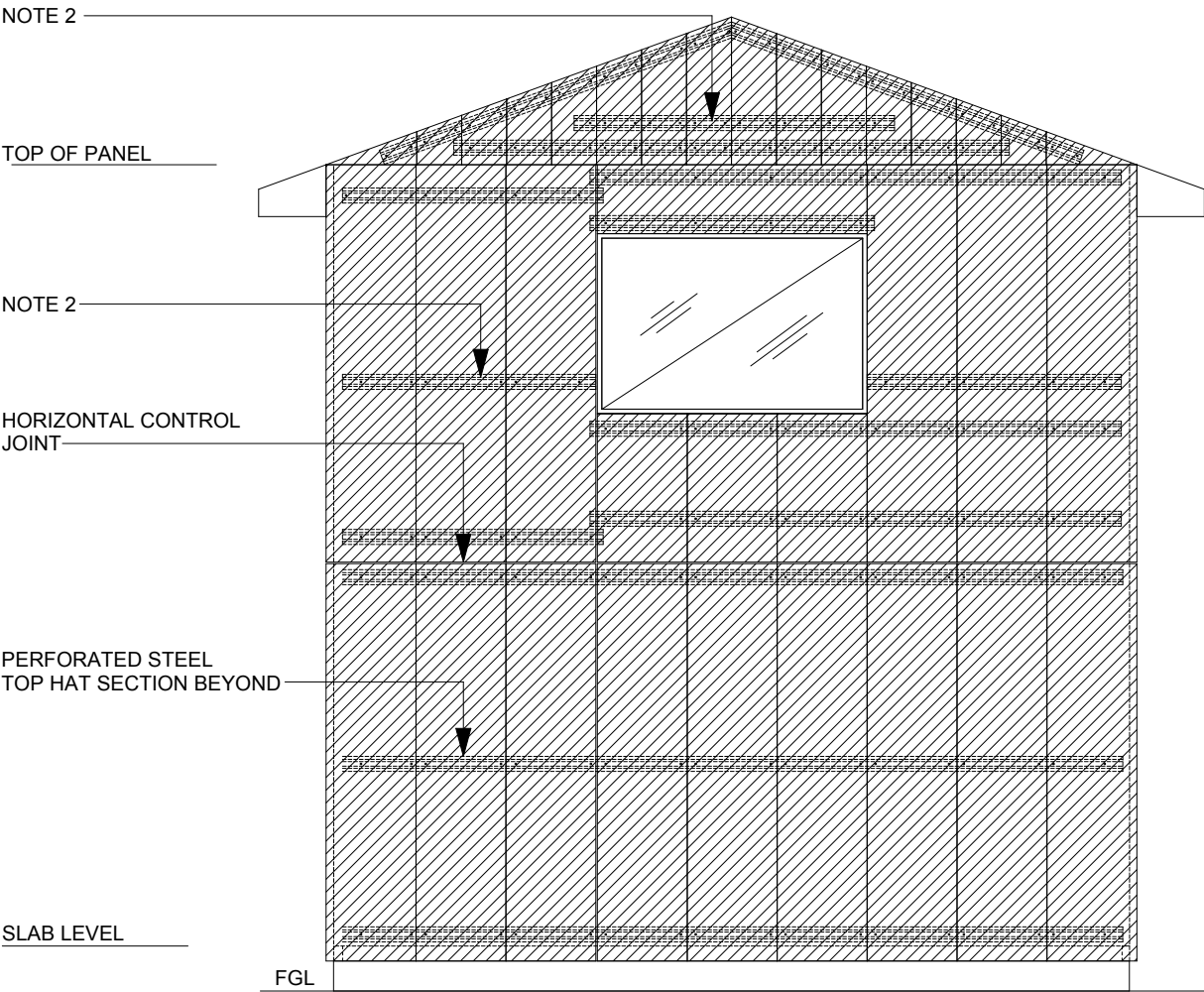
TWO STOREY CONSTRUCTION DETAILS



TWO STOREY CONSTRUCTION - HIP ROOF ELEVATION

SCALE 1:50

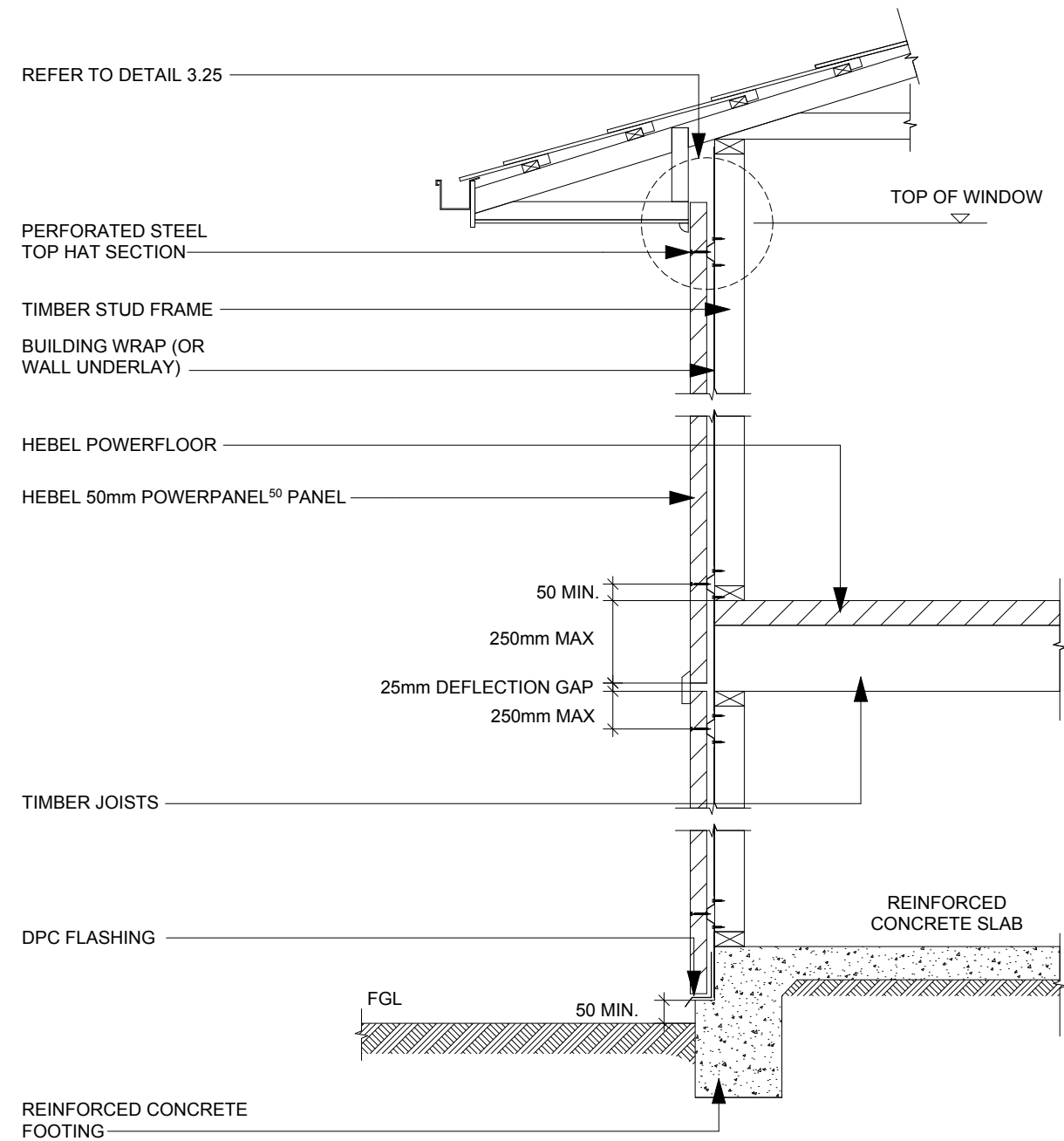
NOTE  
1. NUMBER OF TOP HATS AND TOP HAT SPACING TO BE CONFIRMED BY THE BUILDING DESIGNER.  
2. ADDITIONAL TOP HATS MAY BE REQUIRED, FOR SUSPENDED PANELS. REFER TO TABLES 1.7 - 1.10 ON PAGE 11 FOR NUMBER OF TOP HATS REQUIRED (OR TABLES 2.3 - 2.6 ON PAGE 20 FOR BOUNDARY WALLS).  
3. THESE DETAILS HAVE NOT SHOWN THE SET-OUT OF TOP HATS TO ACCOMMODATE CONTROL JOINT LOCATIONS. THIS IS THE RESPONSIBILITY OF THE BUILDING DESIGNER.



TWO STOREY CONSTRUCTION - GABLE END ELEVATION

SCALE 1:50

TWO STOREY CONSTRUCTION DETAILS

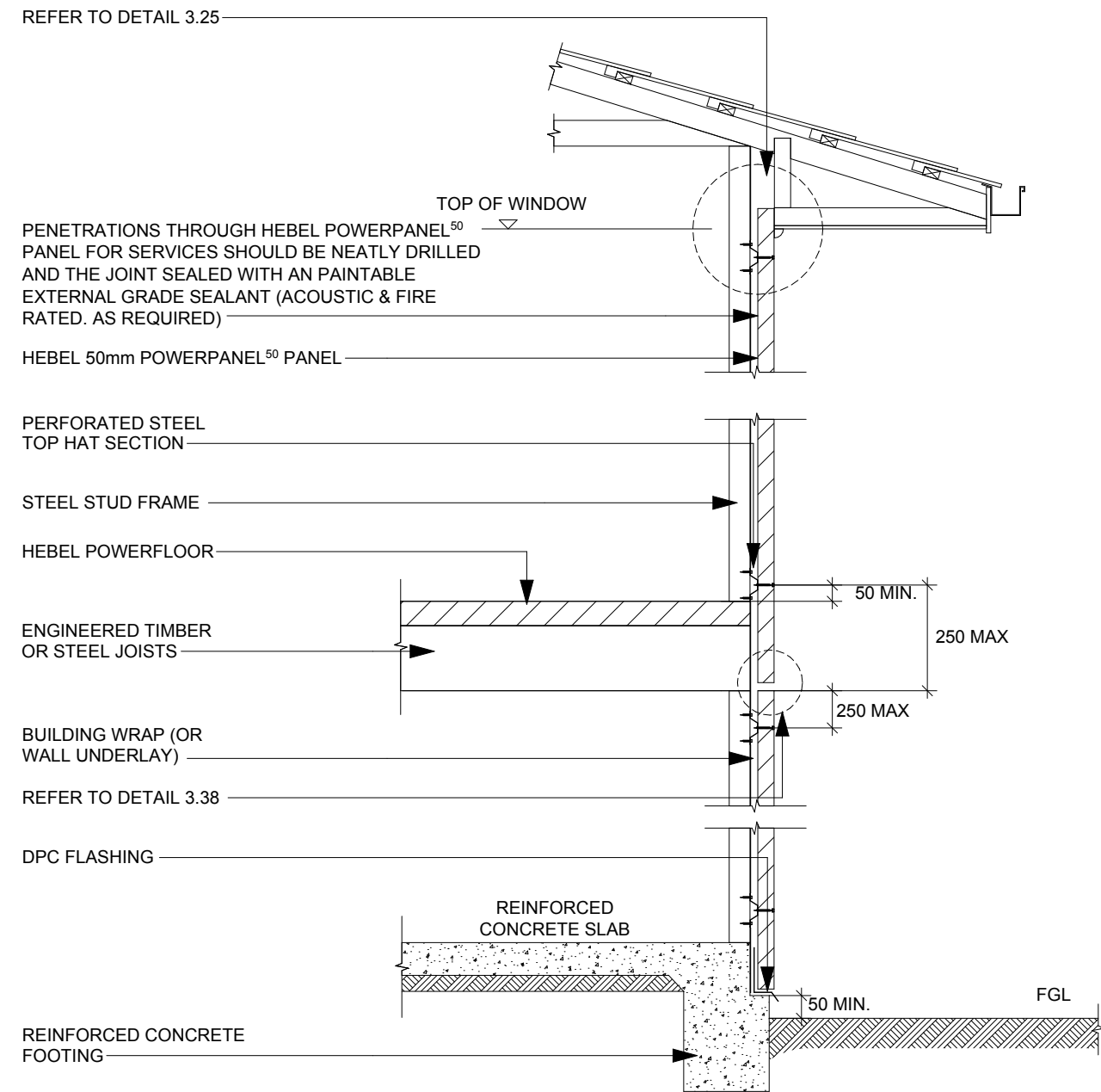


TWO STOREY CONSTRUCTION  
TYPICAL TIMBER FRAME SECTION USING JOISTS WITH > 1% SHRINKAGE  
SCALE 1:20

NOTE:  
1. THESE GAP WIDTHS CAN BE REDUCED FOR LOW SHRINKAGE FLOOR SYSTEMS.  
CONTACT THE FLOOR SYSTEM MANUFACTURER FOR THE GUIDANCE ON  
ACCEPTABLE GAP WIDTH. REFER ALSO TO NZS 3604: 2011

<div><div><div><div><div><div><span></span></div><div><span></span></div></div></div><div><div><div><span></span></div><div><span></span></div></div></div><div><div><div><span></span></div><div><span></span></div></div></div></div></div><div><div>CSR</div><div>hebel®</div><div>The better way to build</div></div><div>CSR Hebel is a division of CSR Building Products (NZ) Ltd.</div></div>	<div>Unit 3, 38b Birmingham Drive P O Box 29354 Christchurch 8540, New Zealand</div> <div>Phone: (03) 336 5500 Email: <a href="mailto:info@csrhebel.co.nz">info@csrhebel.co.nz</a> Web: <a href="http://www.csrhebel.co.nz">www.csrhebel.co.nz</a></div>	FIGURE 3.10	TITLE POWERPANEL 50mm WALL SYSTEM TWO STOREY CONSTRUCTION TYPICAL TIMBER FRAME SECTION USING JOISTS WITH > 1% SHRINKAGE			
		DESIGN GUIDE REFERENCE HELIT003 AUGUST 2013	SCALE 1:20 @ A3	SHEET SIZE A3	DRAWN DA	DATE 20.12.13
				CHECK DG	REVISION G	

TWO STOREY CONSTRUCTION DETAILS



TWO STOREY CONSTRUCTION  
STEEL FRAME SECTION OR ENGINEERED JOISTS WITH ≤ 1% SHRINKAGE  
SCALE 1:20

NOTE:  
1. THESE GAP WIDTHS CAN BE REDUCED FOR LOW SHRINKAGE FLOOR SYSTEMS. CONTACT THE FLOOR SYSTEM MANUFACTURER FOR THE GUIDANCE ON ACCEPTABLE GAP WIDTH. REFER ALSO TO NZS 3604: 2011



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Unit 3, 38b Birmingham Drive  
P O Box 29354  
Christchurch 8540, New Zealand

Phone: (03) 336 5500  
Email: [info@csrhebel.co.nz](mailto:info@csrhebel.co.nz)  
Web: [www.csrhebel.co.nz](http://www.csrhebel.co.nz)

<div>FIGURE</div> <div>3.11</div> <div>DESIGN GUIDE REFERENCE</div> <div>HELIT003 AUGUST 2013</div>	<div>TITLE</div> <div>POWERPANEL 50mm WALL SYSTEM TWO STOREY CONSTRUCTION STEEL FRAME SECTION OR ENGINEERED JOISTS WITH ± 1% SHRINKAGE</div>				
	<div>SCALE</div> <div>1:20 @ A3</div>	<div>SHEET SIZE</div> <div>A3</div>		<div>DRAWN</div> <div>DA</div>	<div>DATE</div> <div>20.12.13</div>
				<div>CHECK</div> <div>DG</div>	<div>REVISION</div> <div>G</div>