Art Gallery of Nijmegen *Booklet Building Technology*

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Demoltion plan





Structure assembly

Parish hall construction existing of Concrete basement with combined wooden floor construction (moer- and kinderbalk construction) and load bearing masonry walls





Detailing - 'Differing in necessities'



Molenpoort









B2 detail 1:5 | Third Floor

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or	- building sea	<u>quence</u>			
or or	finishing 20 heating syst	mm tem 30	mm		
ee st	ed 25 mm ing concrete	slabs 2	50 mm		
st	ing concrete	beams			
_					
		1			
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		2 <u>3</u> 0 2 <u>9</u> 0	O		
	0	20 30 0 20	0 		
		23 30 0	0		
		20 20 20	0		
		260	0		
		250			
		250			
		250			
		250 250			
		20 25 250			
		260			
		250			
		260			
		250 20			









B2 Detail 1:5 | Bottom window frame









0	0	0	0



Horizontal detail 1:5

Parish Hall





A1 detail 1:5 | Roof





A2 detail 1:5 | The critical point of the beam





A2 detail 1:5 | Second Floor





A3 Detail 1:5 | Monument-glas

3



Beam anchor

Climate Design



Section Climate principle Summer | 1:200



Section Climate principle Winter | 1:200



Mechanical ventilation in Molenpoort 1:200