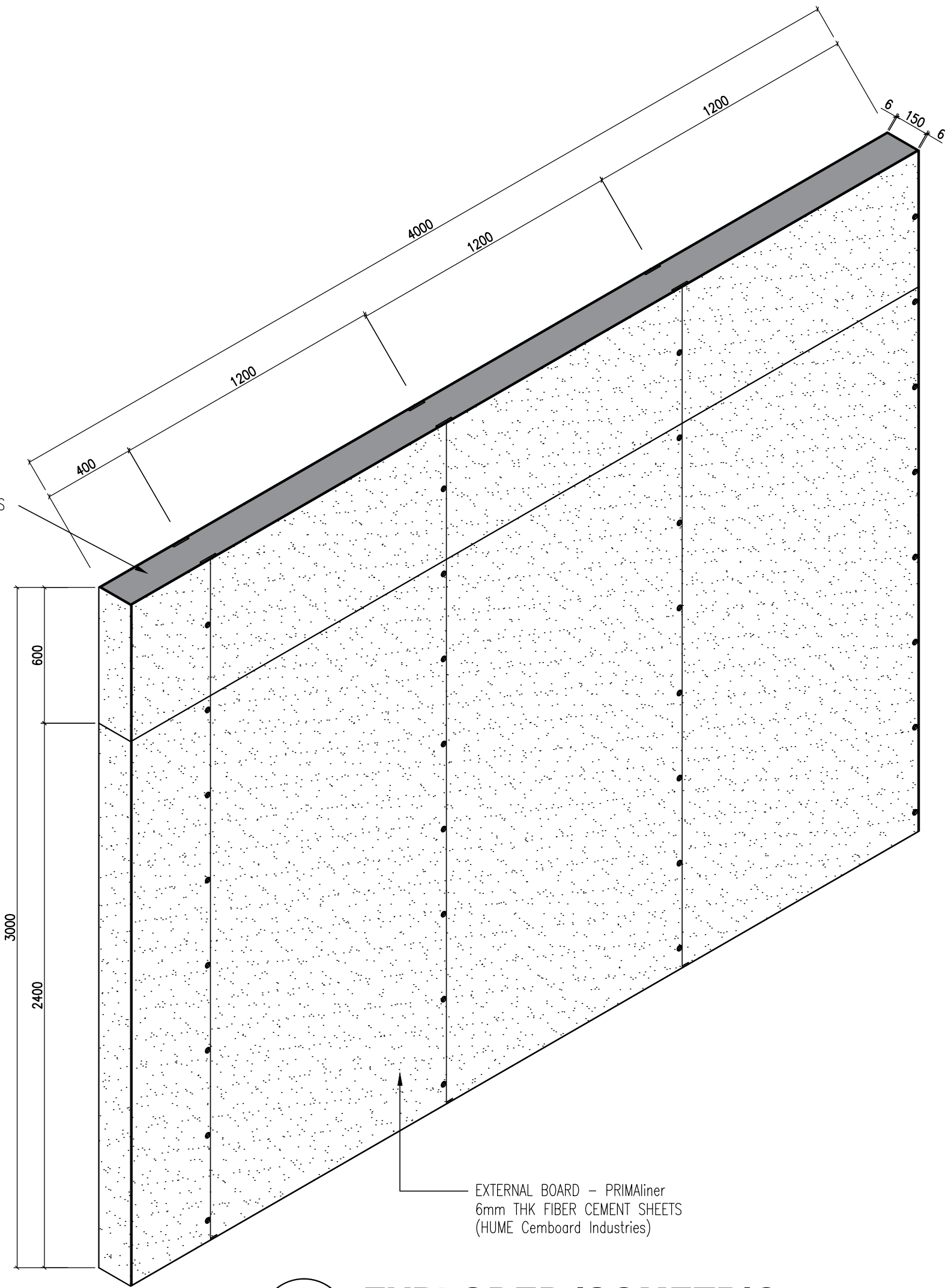
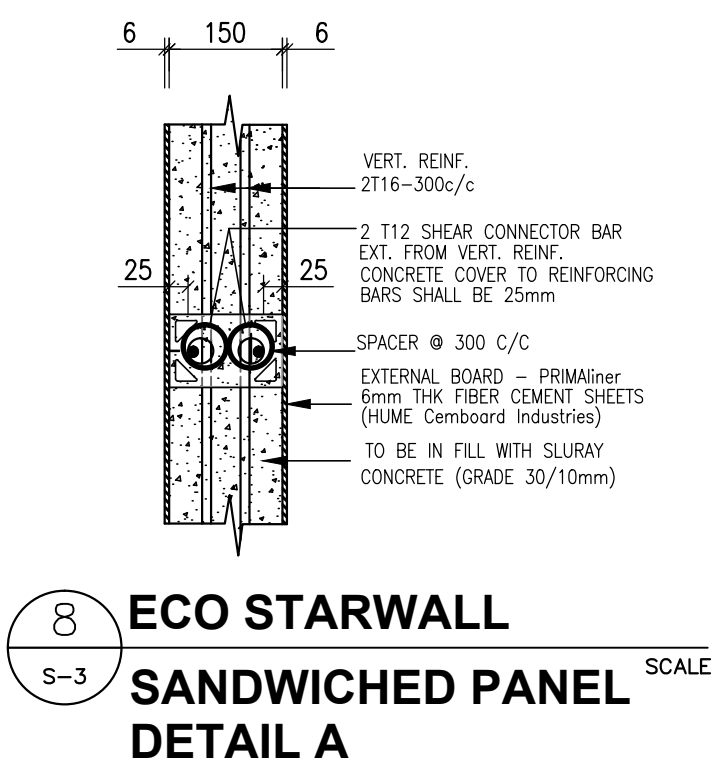
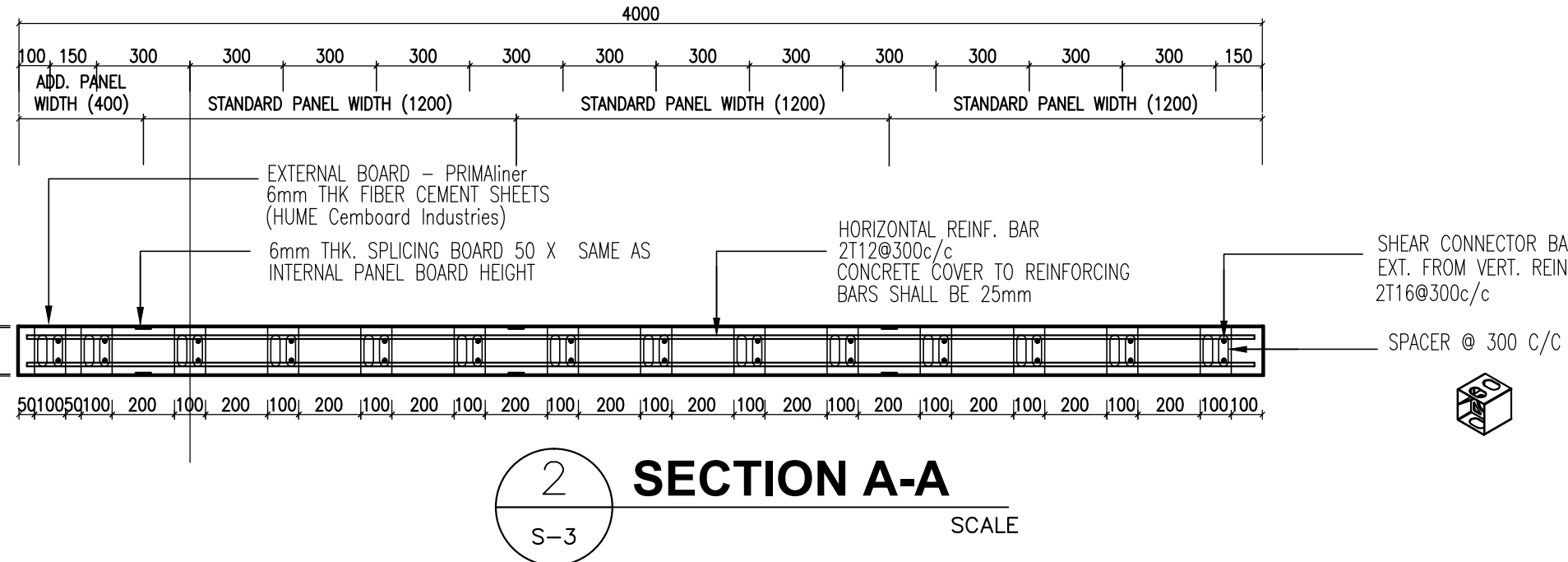


SPECIMEN TEST PANEL SPECIFICATIONS DESIGNED TO COMPLY WITH BS 476 : PART 21 : 1987 (LOAD BEARING) ASTM E2226 (HOSE STREAM)		
SERIAL NO	INFORMATION REQUESTED	RESPONSE
1	DETAIL DRAWING / DESIGN OF THE SPECIMEN	DRAWING AND DESIGN BUNDLE IS ATTACHED
2	SPECIMEN COMPOSITION AND NOMINAL DENSITY	a) <u>CONCRETE</u> GRADE 30/10. DENSITY 2400 kg/m ³ b) <u>STEEL</u> - HIGH TENSILE DEFORMED (T BARS). DENSITY 7850 kg/m ³ c) <u>FIBER CEMENT BOARD</u> MADE FROM SAND, PORTLAND CEMENT, FIBRE, WATER, DENSITY 8.34 kg/m ²
3	TOTAL WEIGHT OF SPECIMEN	BASED ON THE 4m X 3m SPECIMEN TEST PANEL THE TOTAL WEIGHT IS 4679.3kg OR 4.6793 TONS
4	TOTAL APPLIED LOAD (kN/m run)	MAXIMUM WORKING CAPACITY OF THE TESTING RIG IS 25 TONS RESIDUAL CAPACITY = 25 - 4.693 = 20.3207 TONS. FOR 4m RUN OF WALL THE MAX LOAD THAT CAN BE APPLIED IS $20.3207 / 4 = 5.08$ TONS/METER RUN = 50.08 kN/m
5	MOCK UP SPECIMEN 500mm X 500mm	THE MOCK UP SPECIMEN TEST PANEL WILL BE MADE AVAILABLE DURING INSTALLATION.

SERIAL NO	INFORMATION REQUESTED	RESPONSE
1	DETAIL DRAWING / DESIGN OF THE SPECIMEN	DRAWING AND DESIGN BUNDLE IS ATTACHED
2	SPECIMEN COMPOSITION AND AND NOMINAL DENSITY	a) <u>CONCRETE</u> GRADE 30/10. DENSITY 2400 kg/m ³ b) <u>STEEL</u> - HIGH TENSILE DEFORMED (T BARS). DENSITY 7850 kg/m ³ c) <u>FIBER CEMENT BOARD</u> MADE FROM SAND, PORTLAND CEMENT, FIBRE, WATER, DENSITY 8.34 kg/m ²
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5	MOCK UP SPECIMEN 500mm X 500mm	THE MOCK UP SPECIMEN TEST PANEL WILL BE MADE AVAILABLE DURING INSTALLATION.



NATURE OF CONSTRUCTION AND MATERIALS	MINIMUM DIMENSIONS EXCLUDING ANY CONCRESTE FINISH FOR A FIRE RESISTANCE OF:					
	0.5 H	1 H	1.5 H	2 H	3 H	4 H
THICKNESS	100mm	150mm	175mm	–	–	–
CONCRETE COVER ¹	50mm	25mm	25mm	40mm	25mm	20mm
THICKNESS COVER ²	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ³	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁴	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁵	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁶	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁷	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁸	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁹	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ¹⁰	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ¹¹	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ¹²	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ¹³	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ¹⁴	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ¹⁵	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ¹⁶	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ¹⁷	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ¹⁸	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ¹⁹	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ²⁰	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ²¹	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ²²	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ²³	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ²⁴	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ²⁵	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ²⁶	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ²⁷	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ²⁸	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ²⁹	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ³⁰	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ³¹	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ³²	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ³³	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ³⁴	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ³⁵	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ³⁶	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ³⁷	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ³⁸	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ³⁹	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁴⁰	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁴¹	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁴²	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁴³	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁴⁴	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁴⁵	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁴⁶	100mm	100mm	100mm	100mm	100mm	100mm
THICKNESS COVER ⁴⁷	100mm					

REV.	DATE	DESCRIPTION
REVISION		

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				G.L.BANGAH	
DESIGNED :		W.H.ONG		DATE :	
				25-01-16	
DWG NO.					REV
BWR/ECO STARWALL/STANDARD DRAWING/004					

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