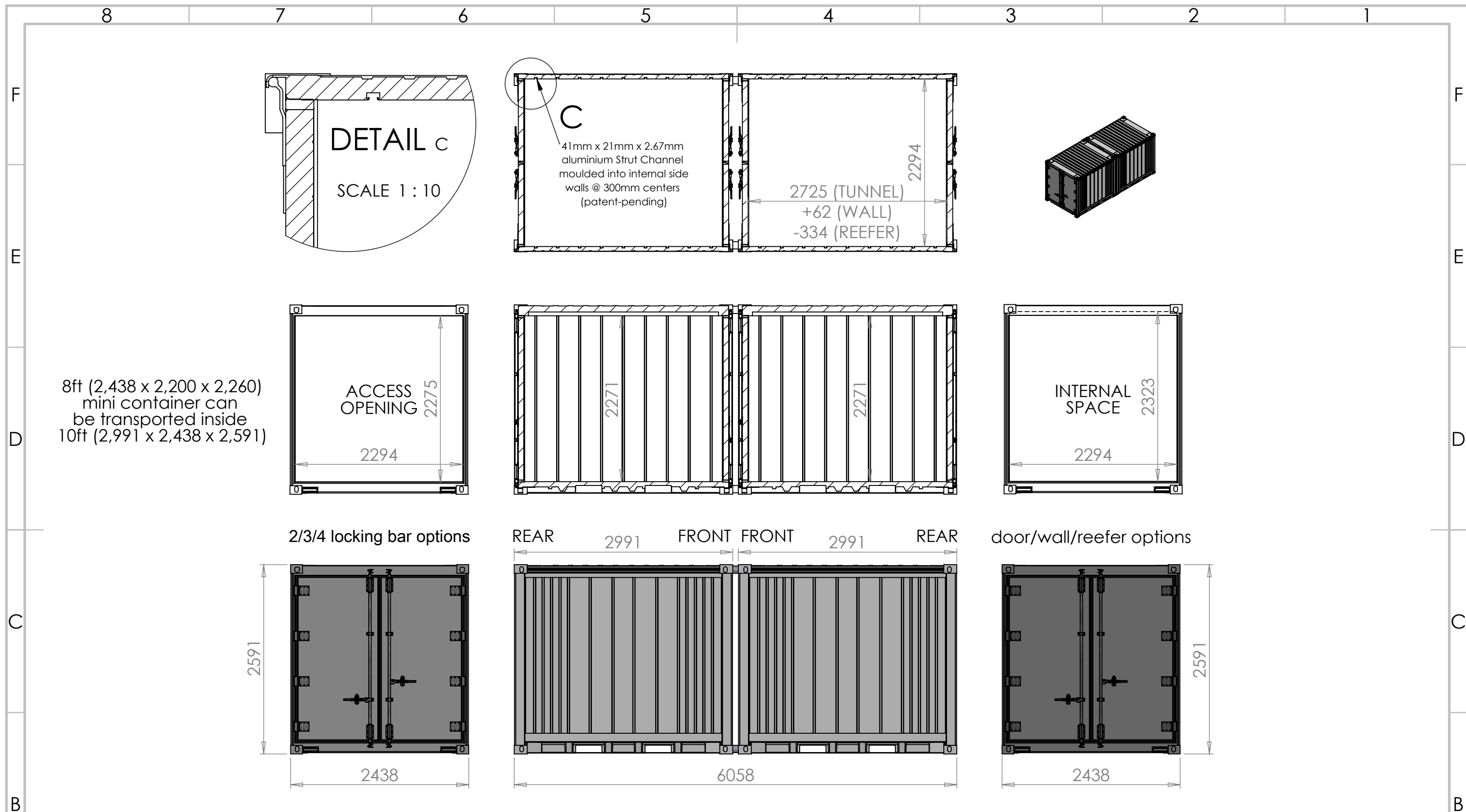




 INTERMODAL INNOVATIONS INSULATION DESIGN: Polyurethane (PUR) foam with Cyclopentane (non-CFC) blowing agent: λ = 0.022 W/m.K <table><tr><th>LOCATION</th><th>Thickness</th><th>U-Value</th><th>R-Value (SI)</th><th>R-Value (I-P)</th><th>R-Value (I-P)</th></tr><tr><th></th><th>mm</th><th>W/m².K</th><th>K.m²/W</th><th>°F.ft².h/BTU</th><th>per inch</th></tr><tr><td>ROOF</td><td>80</td><td>0.275</td><td>3.636</td><td>20.655</td><td>6.558</td></tr><tr><td>WALL</td><td>58</td><td>0.379</td><td>2.636</td><td>14.975</td><td>6.558</td></tr><tr><td>FLOOR</td><td>113</td><td>0.196</td><td>5.114</td><td>29.045</td><td>6.558</td></tr><tr><td>DOOR</td><td>74</td><td>0.297</td><td>3.364</td><td>19.105</td><td>6.558</td></tr></table> NOTE: Imperial expressed R-Values (e.g. USA) are a factor of 5.68 x Metric R-Values (e.g. Europe)						LOCATION	Thickness	U-Value	R-Value (SI)	R-Value (I-P)	R-Value (I-P)		mm	W/m².K	K.m²/W	°F.ft².h/BTU	per inch	ROOF	80	0.275	3.636	20.655	6.558	WALL	58	0.379	2.636	14.975	6.558	FLOOR	113	0.196	5.114	29.045	6.558	DOOR	74	0.297	3.364	19.105	6.558	<table><tr><th colspan="2">CLASSIFICATION</th><th colspan="2">DIMENSION</th></tr><tr><td rowspan="3">EXTERNAL</td><td>LENGTH</td><td>2,991 mm (+0/-6)</td><td>10 ft</td></tr><tr><td>WIDTH</td><td>2,438 mm (+0/-5)</td><td>8 ft</td></tr><tr><td>HEIGHT</td><td>2,591 mm (+0/-5)</td><td>8ft 6in</td></tr><tr><td rowspan="3">INTERNAL</td><td>LENGTH</td><td>2,725 mm (+0/-12)</td><td></td></tr><tr><td>WIDTH</td><td>2,294 mm (+0/-10)</td><td></td></tr><tr><td>HEIGHT</td><td>2,323 mm (+0/-10)</td><td></td></tr><tr><td rowspan="3">DOOR OPENING</td><td>WIDTH</td><td>2,294 mm (+0/-10)</td><td></td></tr><tr><td>HEIGHT</td><td>2,275 mm (+0/-10)</td><td></td></tr><tr><td>CARGO ACCESS HEIGHT</td><td>2,271 mm (+0/-10)</td><td></td></tr><tr><td colspan="2">INTERNAL CUBIC CAPACITY</td><td>14.5 m³</td><td>512 ft³</td></tr><tr><td colspan="2">MAX. GROSS WEIGHT</td><td>15,000 kg</td><td>33,070 lbs</td></tr><tr><td colspan="2">TARE WEIGHT (±2%)</td><td>1,700 kg</td><td>3,750 lbs</td></tr><tr><td colspan="2">MAX. PAYLOAD</td><td>13,300 kg</td><td>29,320 lbs</td></tr><tr><td colspan="2">STACKING TEST LOAD</td><td>97,200 kgf/post</td><td>214,290 lbf/post</td></tr><tr><td colspan="2">FLOOR STRENGTH</td><td>7,260 kg</td><td>16,000 lbs</td></tr><tr><td colspan="2">HEAT LEAKAGE (U20)</td><td>15.0 W/K</td><td>13.0 kcal/hr°C</td></tr><tr><td colspan="2">AIR LEAKAGE (1" WGP)</td><td>2.0 m³/h</td><td>71 ft³/hr</td></tr></table>			CLASSIFICATION		DIMENSION		EXTERNAL	LENGTH	2,991 mm (+0/-6)	10 ft	WIDTH	2,438 mm (+0/-5)	8 ft	HEIGHT	2,591 mm (+0/-5)	8ft 6in	INTERNAL	LENGTH	2,725 mm (+0/-12)		WIDTH	2,294 mm (+0/-10)		HEIGHT	2,323 mm (+0/-10)		DOOR OPENING	WIDTH	2,294 mm (+0/-10)		HEIGHT	2,275 mm (+0/-10)		CARGO ACCESS HEIGHT	2,271 mm (+0/-10)		INTERNAL CUBIC CAPACITY		14.5 m³	512 ft³	MAX. GROSS WEIGHT		15,000 kg	33,070 lbs	TARE WEIGHT (±2%)		1,700 kg	3,750 lbs	MAX. PAYLOAD		13,300 kg	29,320 lbs	STACKING TEST LOAD		97,200 kgf/post	214,290 lbf/post	FLOOR STRENGTH		7,260 kg	16,000 lbs	HEAT LEAKAGE (U20)		15.0 W/K	13.0 kcal/hr°C	AIR LEAKAGE (1" WGP)		2.0 m³/h	71 ft³/hr	<table><tr><th colspan="2">PART NAME</th><th>MATERIAL</th><th>REMARK</th></tr><tr><td rowspan="5">FRAME</td><td colspan="2">SIDE TOP RAIL</td><td>SPA-H</td><td>4.0 mm</td></tr><tr><td colspan="2">SIDE BOTTOM RAIL</td><td>SPA-H</td><td>4.0 mm</td></tr><tr><td colspan="2">END FRAME</td><td>SPA-H</td><td>3.0/4.0/6.0 mm</td></tr><tr><td colspan="2">FORK POCKET</td><td>SPA-H</td><td>4.0 mm</td></tr><tr><td colspan="2"></td><td></td><td></td></tr><tr><td rowspan="7">PANEL</td><td colspan="2">ROOF</td><td>MGSS</td><td>0.8 & 1.0mm</td></tr><tr><td colspan="2">SIDE</td><td>MGSS</td><td>1.0 mm</td></tr><tr><td colspan="2">DOOR</td><td>MGSS</td><td>1.6 mm</td></tr><tr><td rowspan="2">SUB-FLOOR</td><td>MAIN</td><td>SPA-H</td><td>1.6 mm</td></tr><tr><td></td><td></td><td></td></tr><tr><td rowspan="3">INSIDE LINING</td><td>ROOF</td><td>AA5052-H16/H46</td><td>0.8 mm</td></tr><tr><td>SIDE</td><td>AA6061-T6</td><td>2.67 mm</td></tr><tr><td>DOOR</td><td>BN4 or eq. SS</td><td>0.7 mm</td></tr><tr><td colspan="2">FLOOR (FLAT)</td><td>AA6061-T6</td><td>H30</td></tr><tr><td colspan="2">CORNER FITTING</td><td>SCW 480</td><td>H118 x W162 x L178</td></tr><tr><td colspan="2">INSULATION</td><td>POLYURETHANE</td><td>0.022 W/m.k</td></tr><tr><td colspan="2">DOOR HARDWARE</td><td colspan="2">HOT DIP GALVANIZED STEEL</td></tr></table>			PART NAME		MATERIAL	REMARK	FRAME	SIDE TOP RAIL		SPA-H	4.0 mm	SIDE BOTTOM RAIL		SPA-H	4.0 mm	END FRAME		SPA-H	3.0/4.0/6.0 mm	FORK POCKET		SPA-H	4.0 mm					PANEL	ROOF		MGSS	0.8 & 1.0mm	SIDE		MGSS	1.0 mm	DOOR		MGSS	1.6 mm	SUB-FLOOR	MAIN	SPA-H	1.6 mm				INSIDE LINING	ROOF	AA5052-H16/H46	0.8 mm	SIDE	AA6061-T6	2.67 mm	DOOR	BN4 or eq. SS	0.7 mm	FLOOR (FLAT)		AA6061-T6	H30	CORNER FITTING		SCW 480	H118 x W162 x L178	INSULATION		POLYURETHANE	0.022 W/m.k	DOOR HARDWARE		HOT DIP GALVANIZED STEEL		DRAWN: Niall McDermott		DATE: 2024-12-10	
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