

## COVID-19 Wooden booth for walking-through test



This booth is designed by **Volunteer group AUPL** for developing countries that have difficulties with importing South Korea's 'Walking-Through' booths.

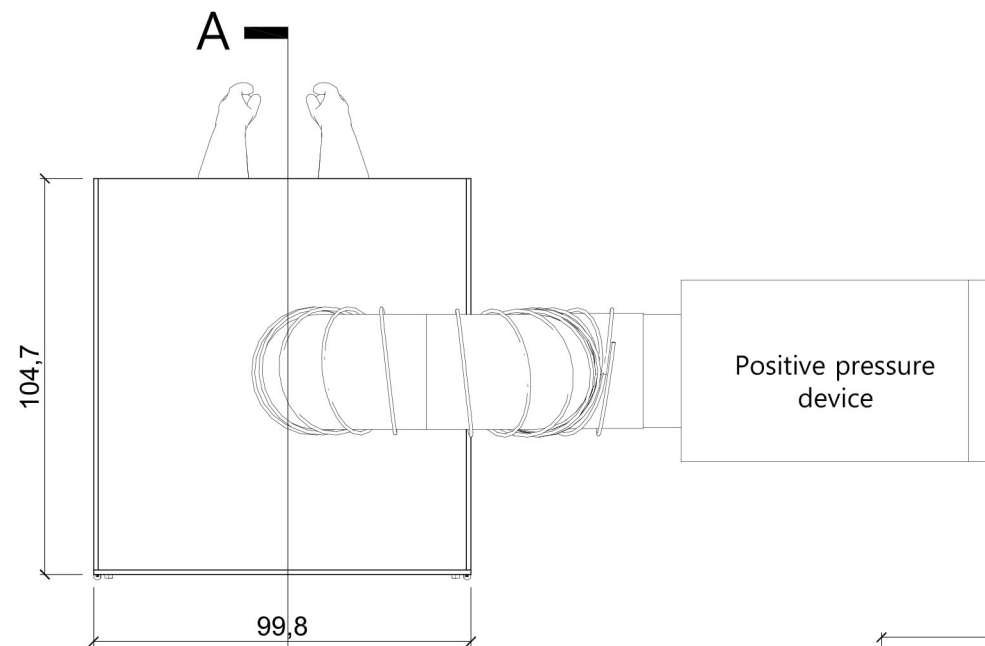
It is designed with materials that are locally available. Main materials are standard MDF boards (12mm) and lumbers (3x3cm).

The acrylic board (10mm) has two 20cm holes with medical gloves in order to allow the doctor to perform examination.

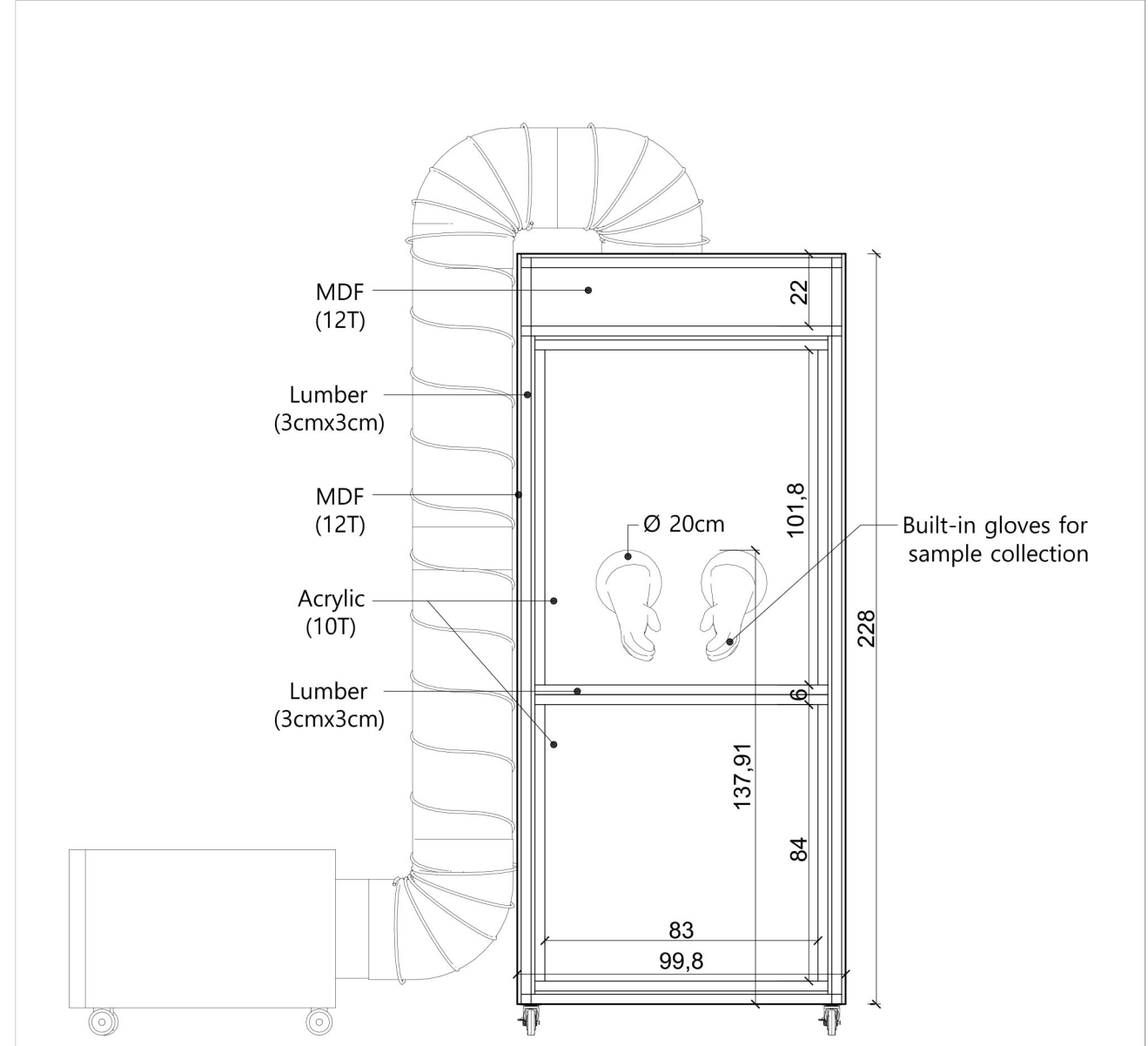
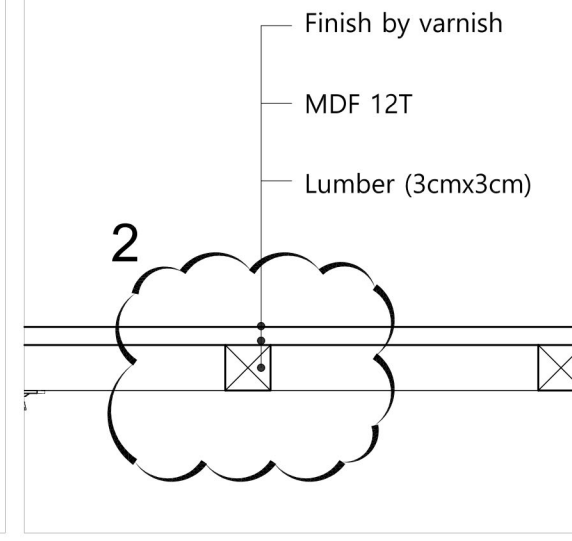
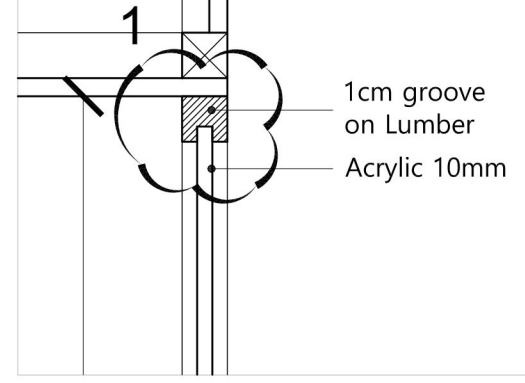
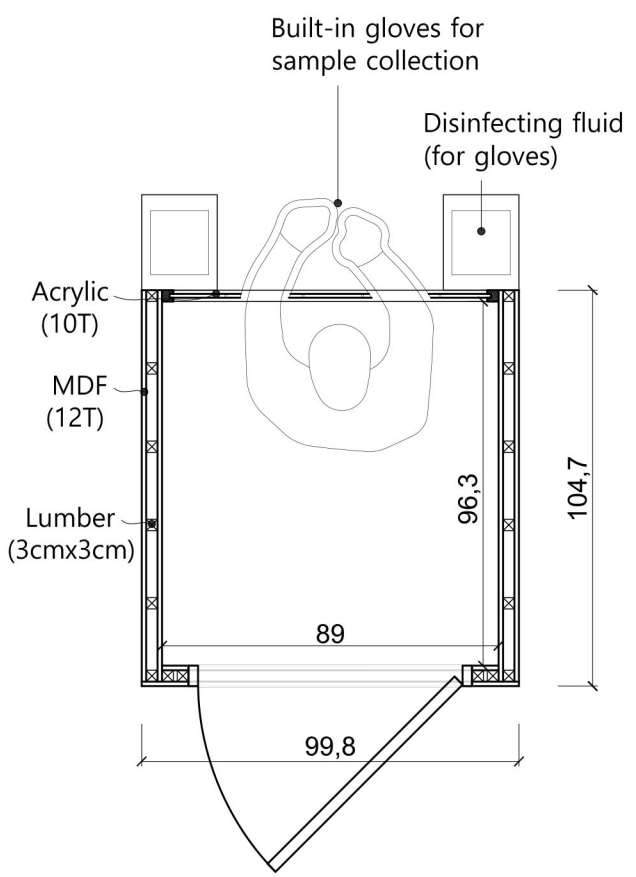
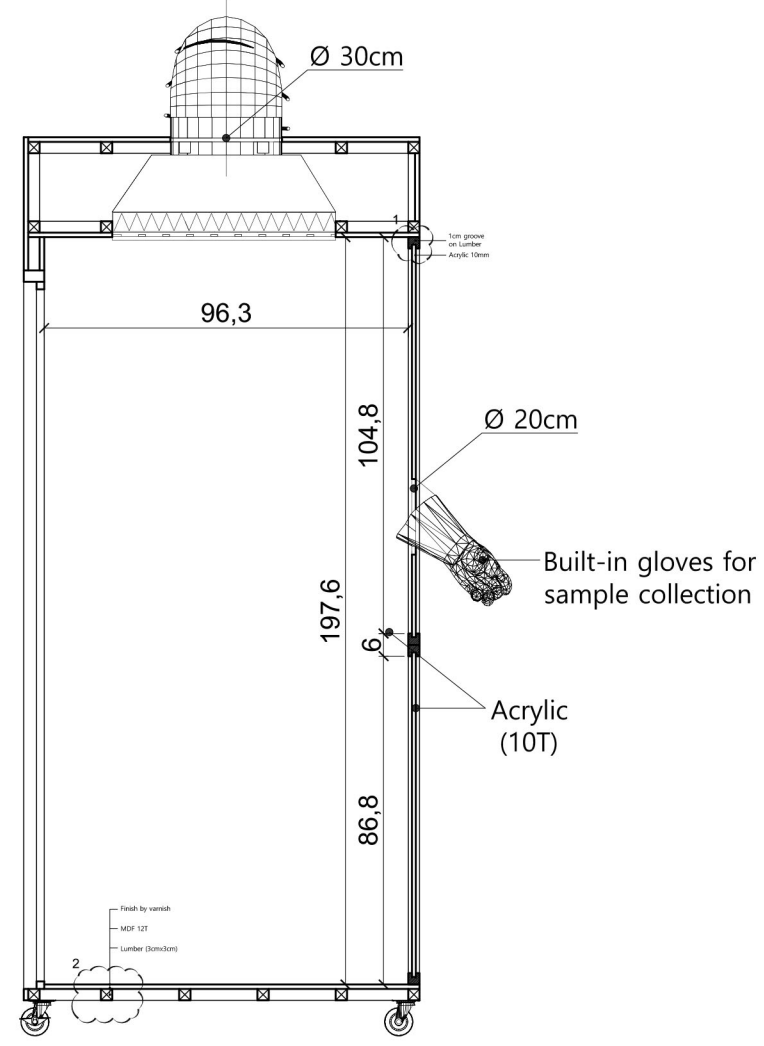
The acrylic pieces are fixed by placing 1cm groove on lumber and when placed, apply silicon for sealing.

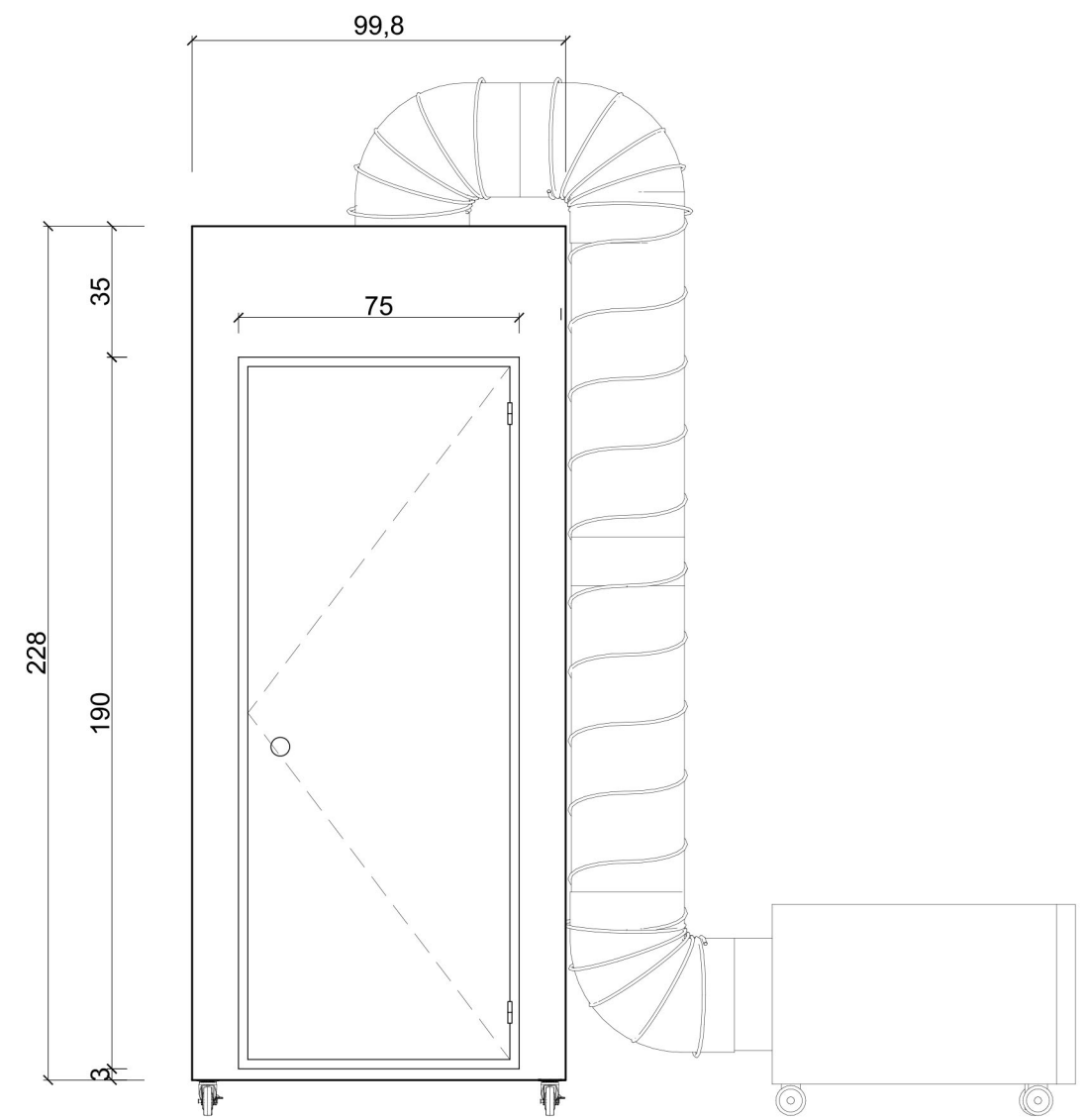
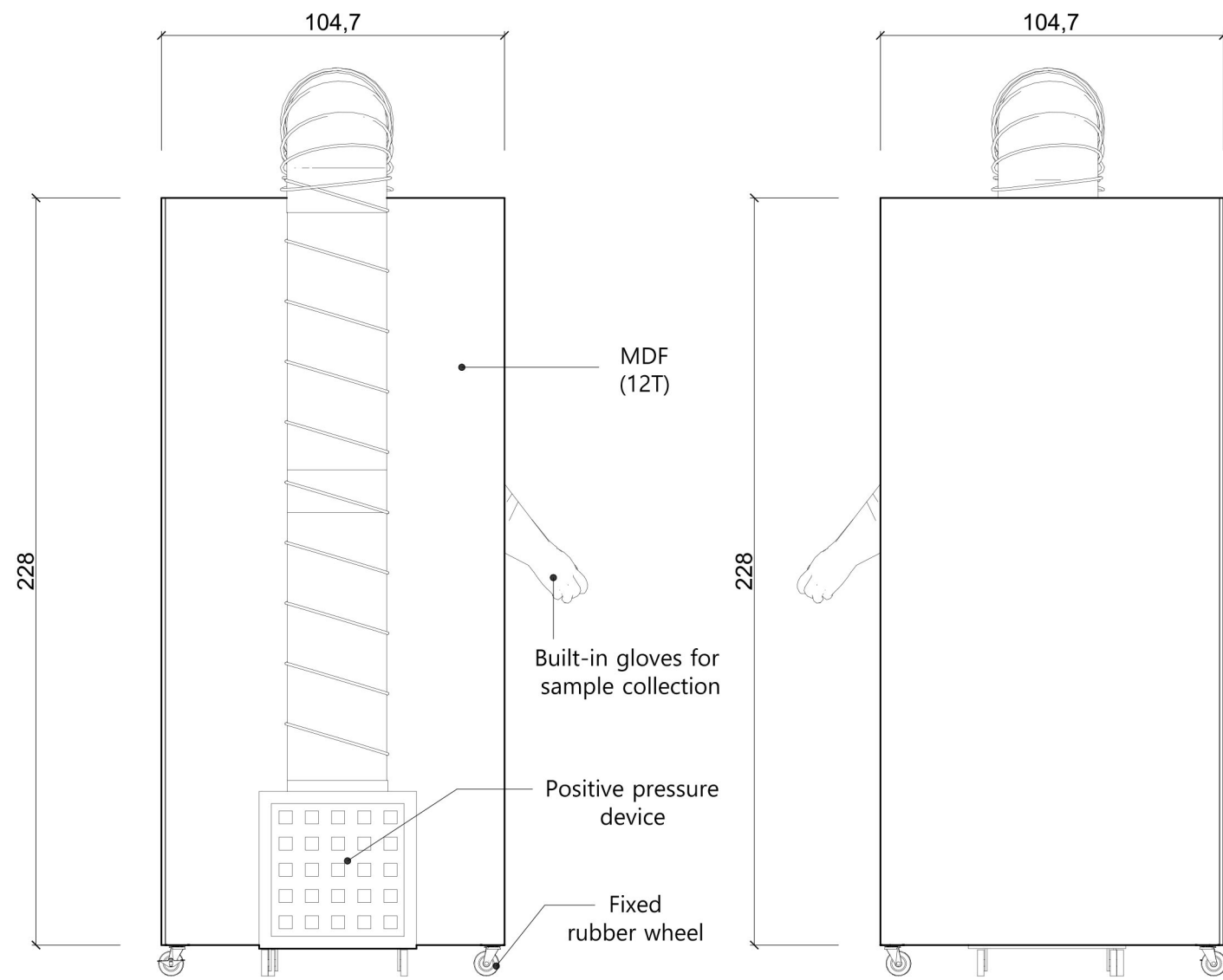
Installing positive pressure device inside of the booth prevents virus from entering the booth by keeping the pressure inside high. Also in order to prevent distortion of the booth from moist, apply polyurethane as finishing for the interior.

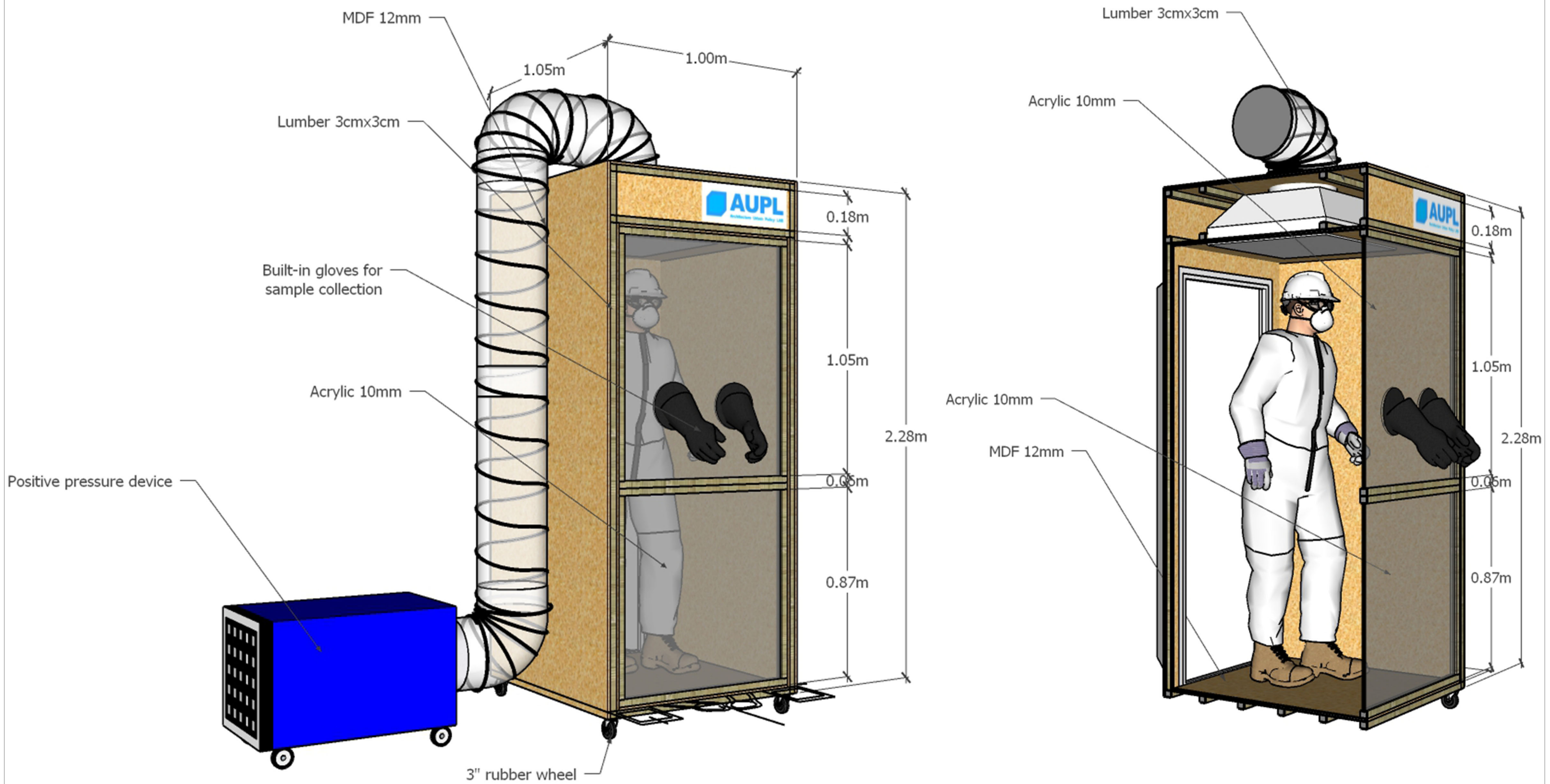
The booth has four wheels for easy relocation purpose. They must have a latch to fix the booth in one location.



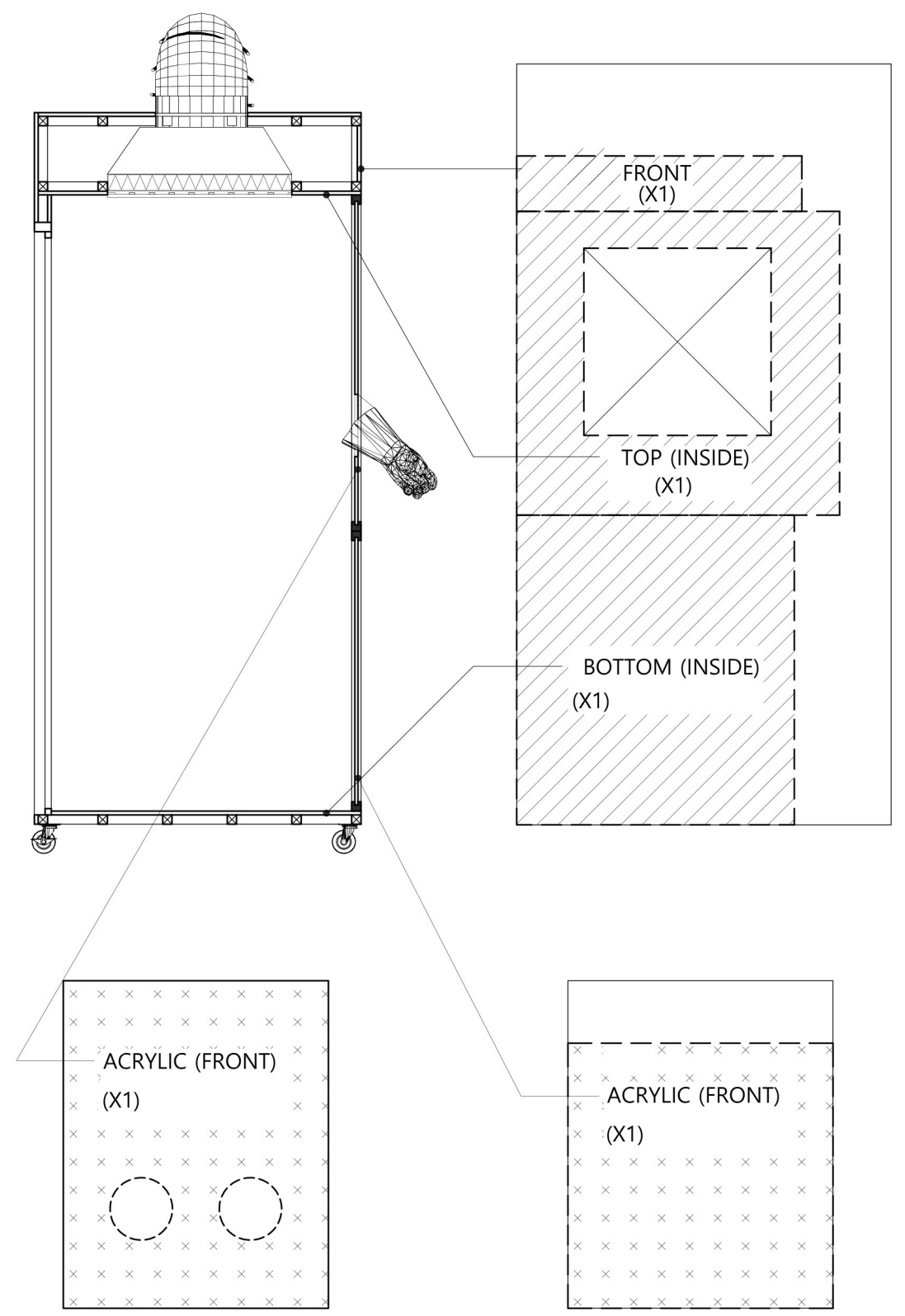
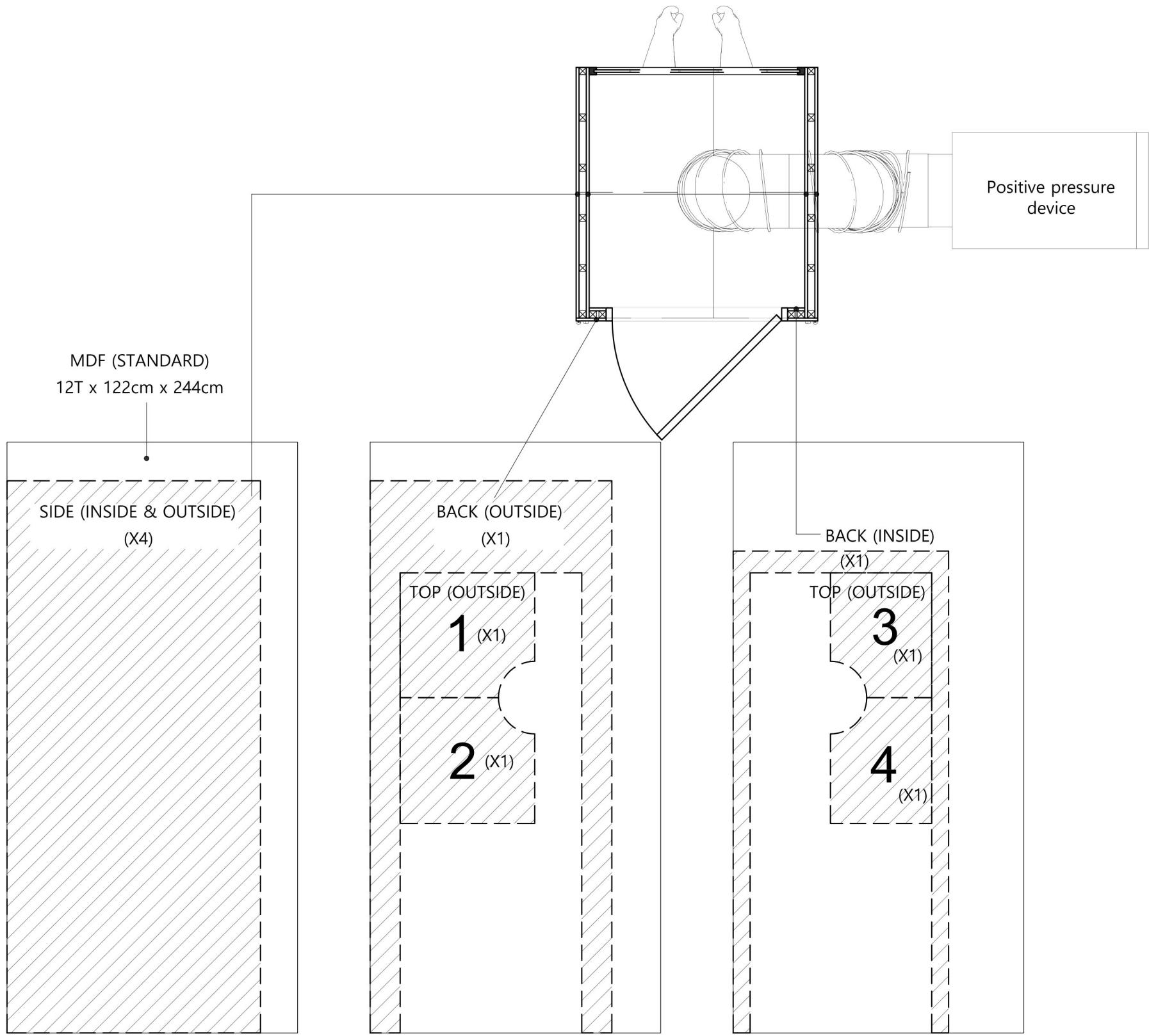
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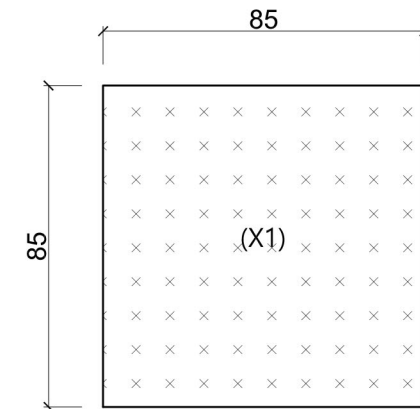
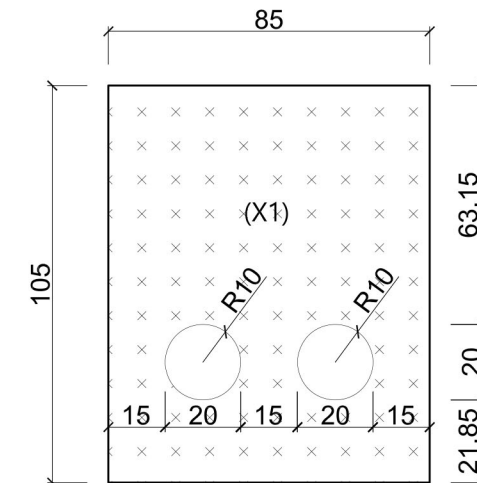
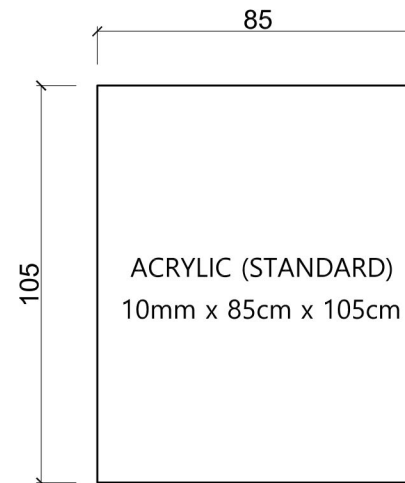
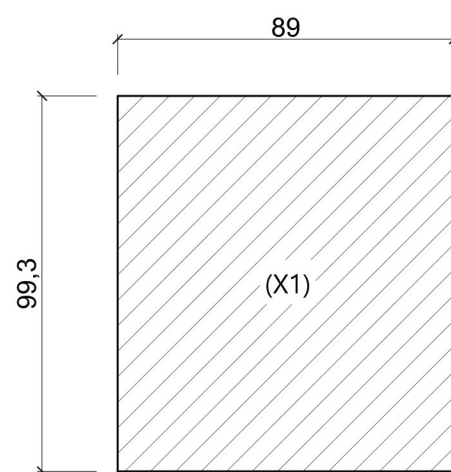
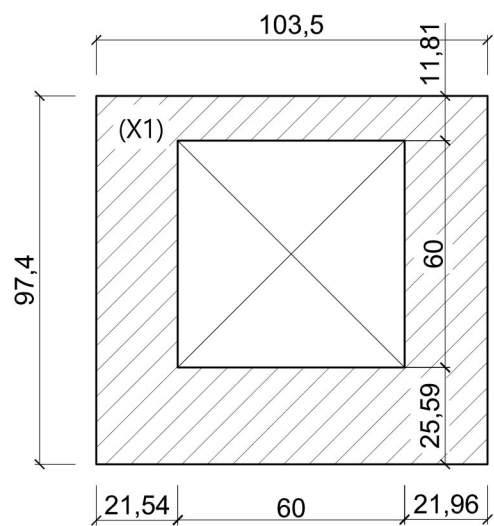
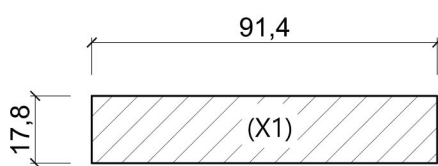
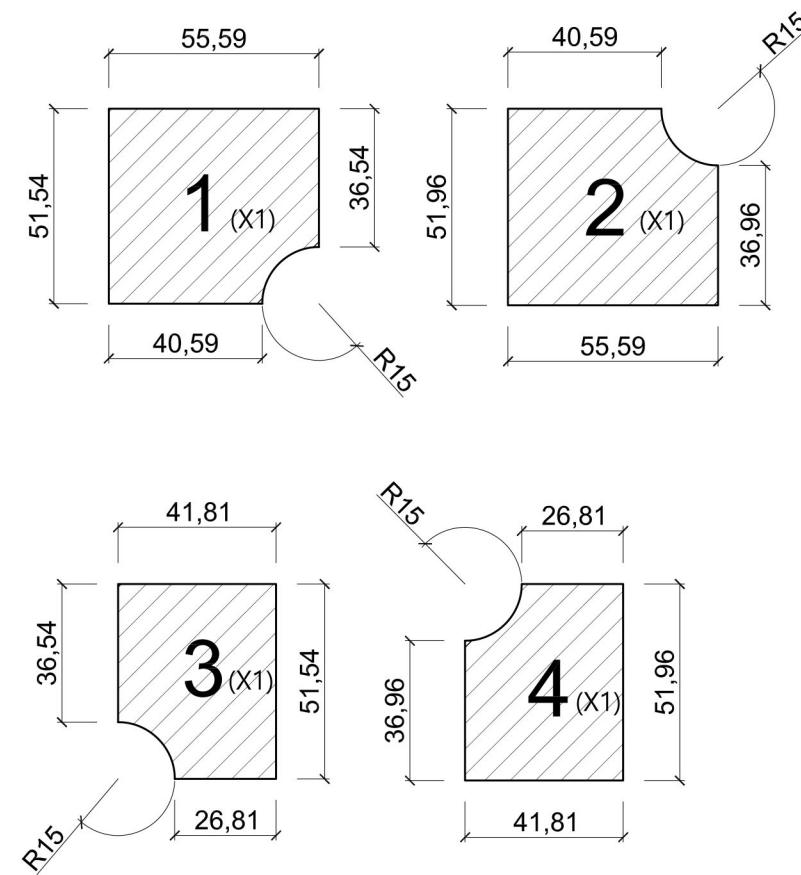
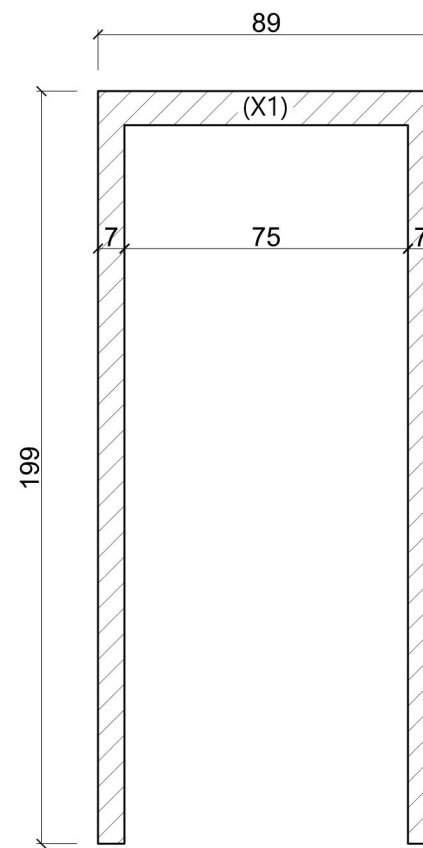
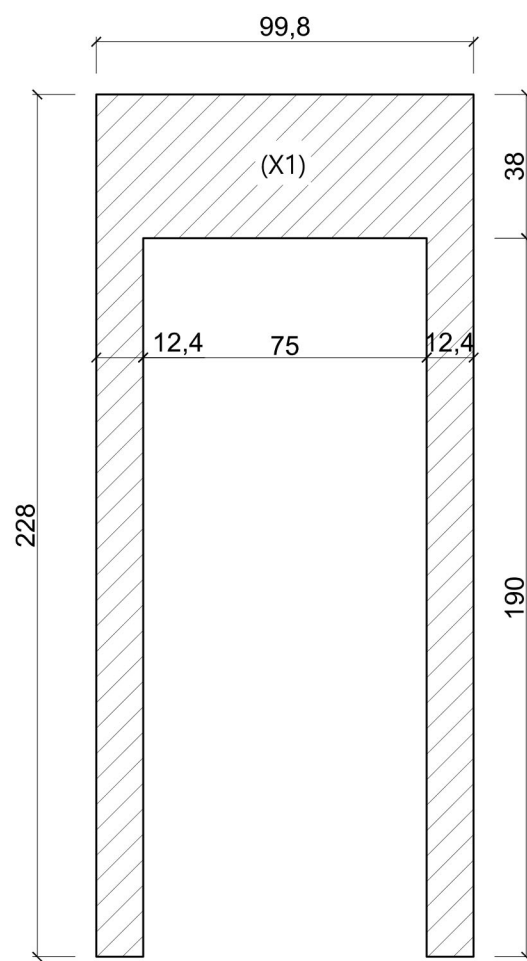
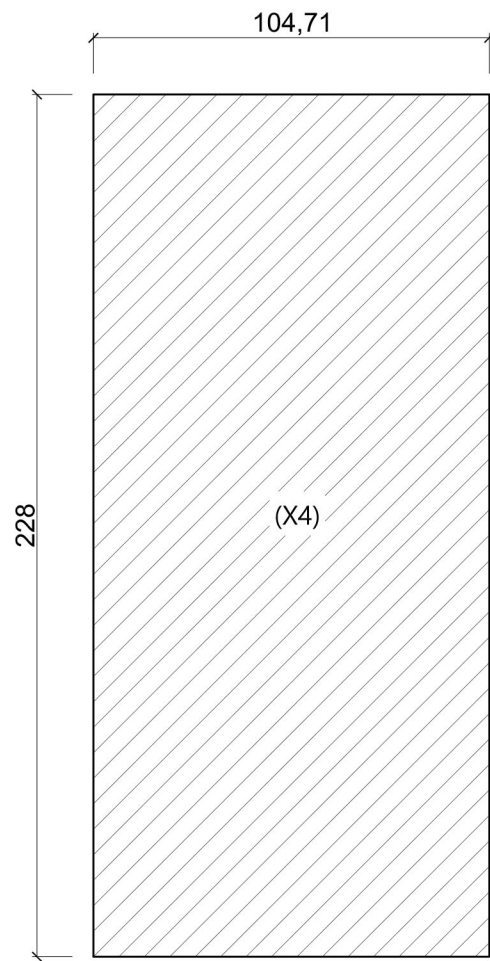
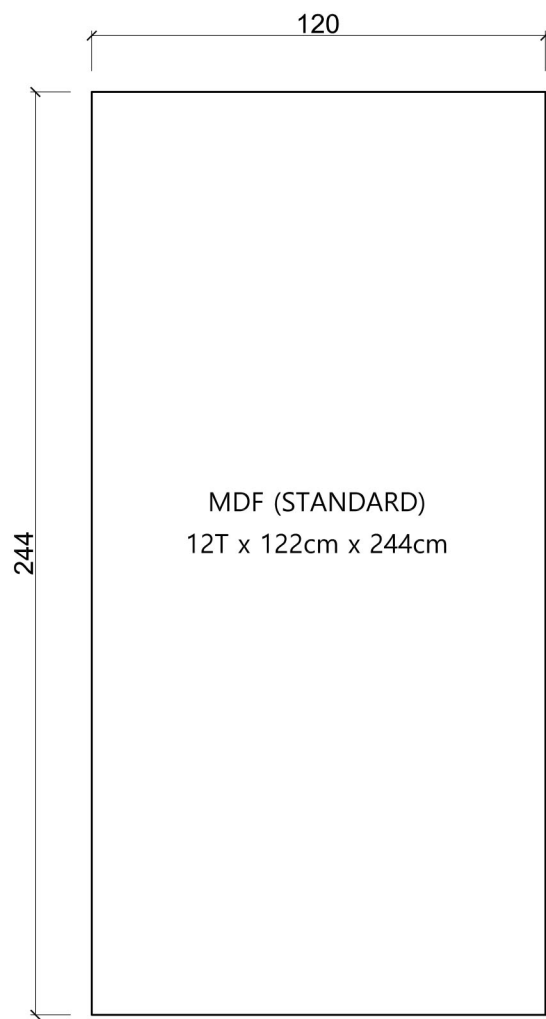






UNIT COST TARGET				
MATERIAL	STANDARD	UNIT COST	QUANTITY	PRICE
MDF	12T x 122cm x 244cm	\$8,34 (US)	7	\$58,40 (US)
ACRYLIC	10mm x 85cm x 105cm	\$110,09 (US)	2	\$220,17 (US)





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