

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.

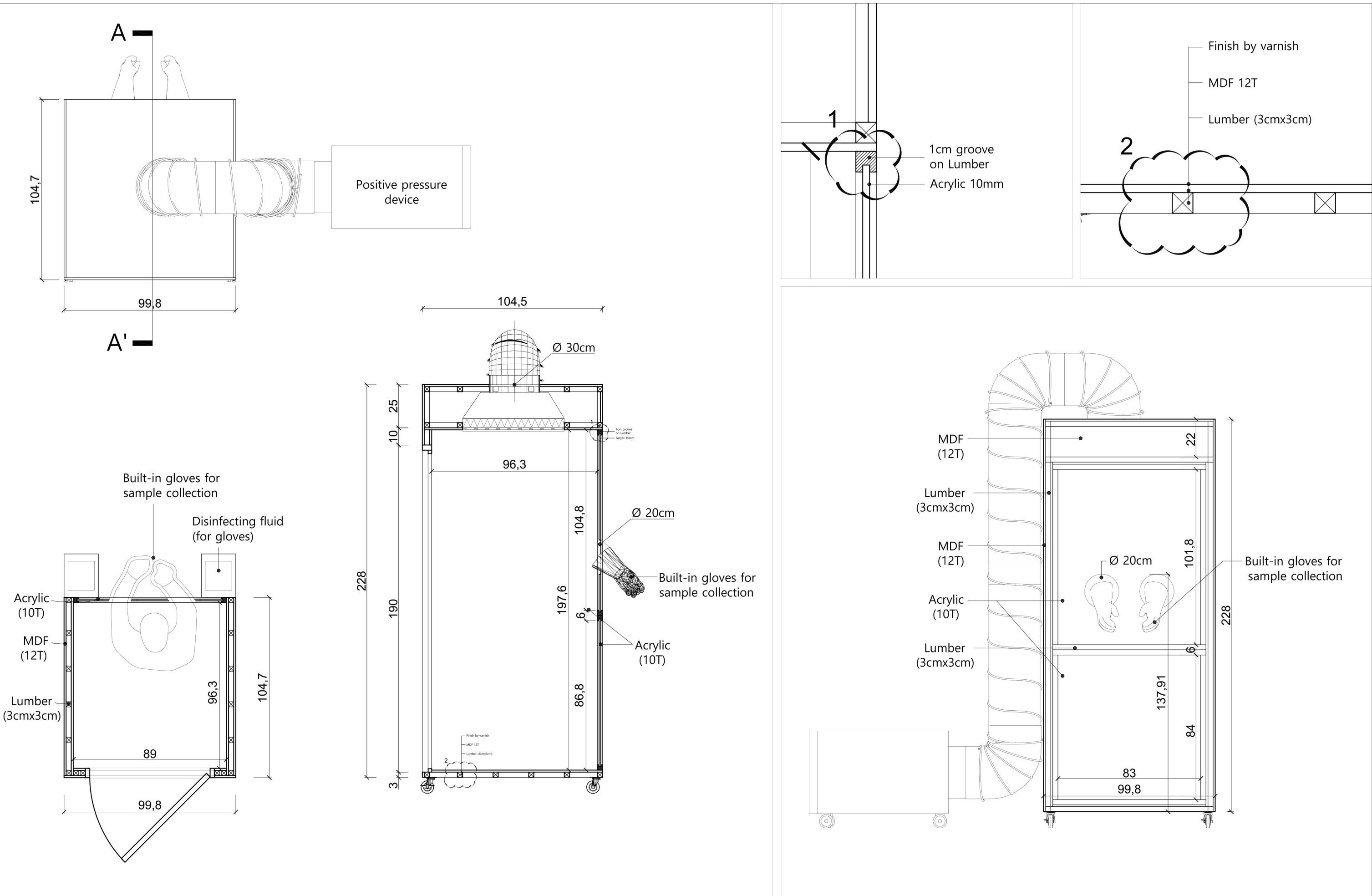
It is designed with materials that are locally available. Main materials are standard MDF boards (12mm) and lumbers (3x3cm).

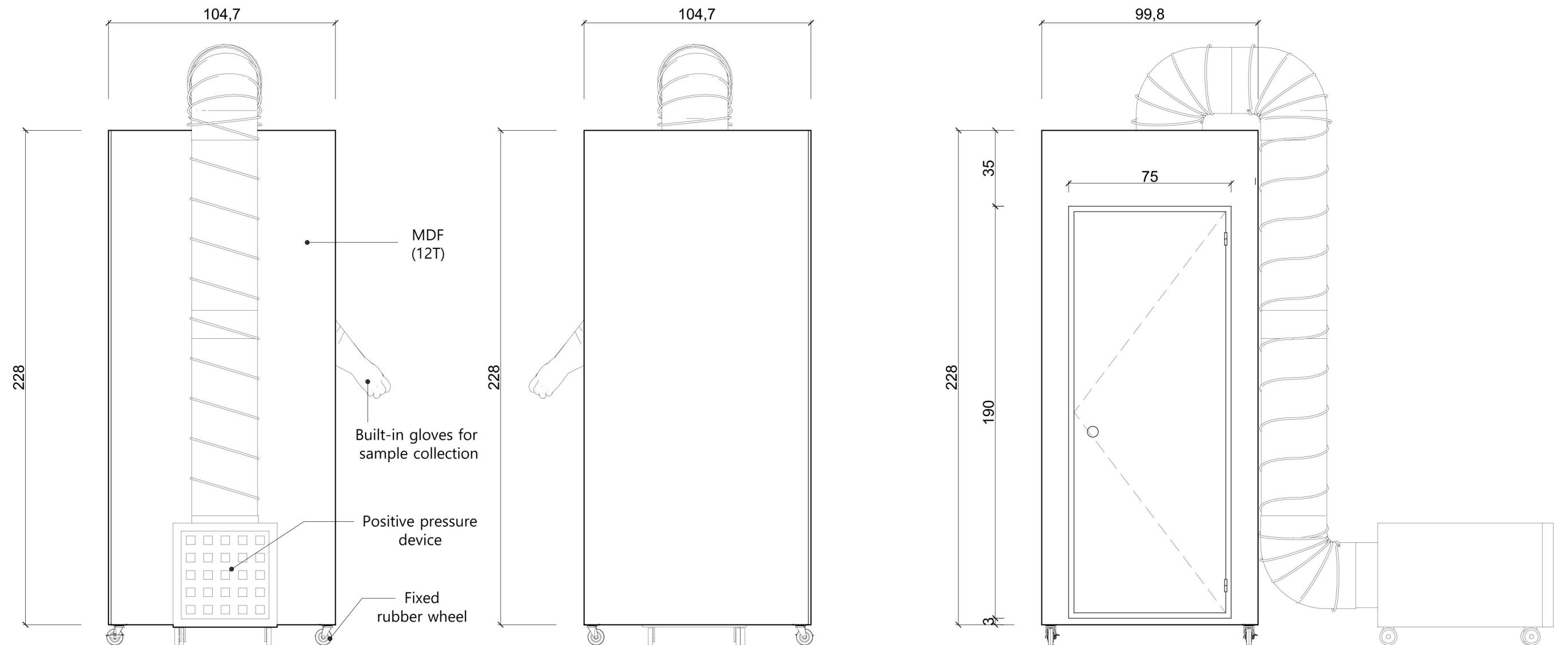
The acrylic board (10mm) has two 20cm holes with medical gloves in order to allow the doctor to perform examination.

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.

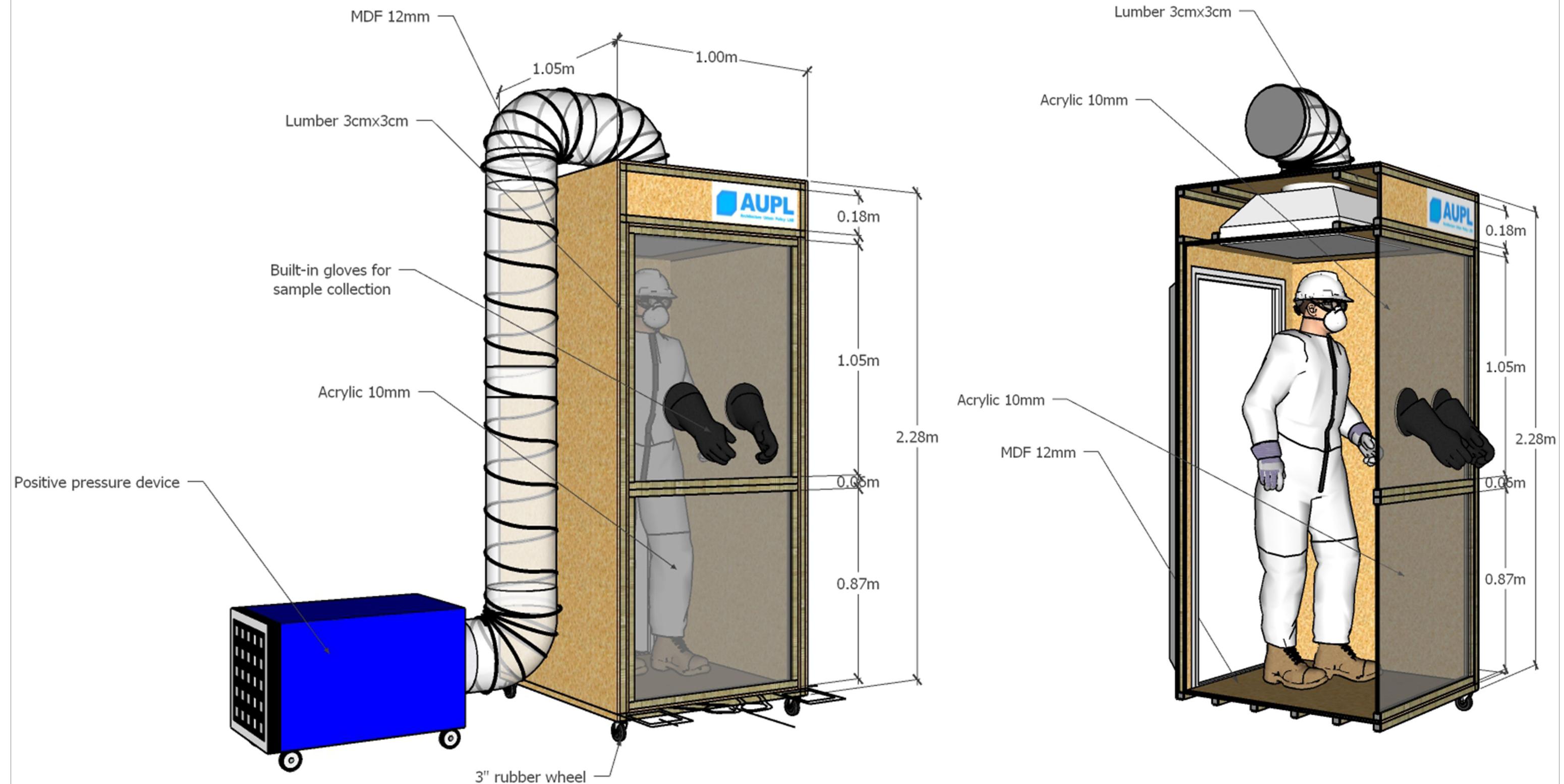
The booth has four wheels for easy relocation purpose. They must have a latch to fix the booth in one location.



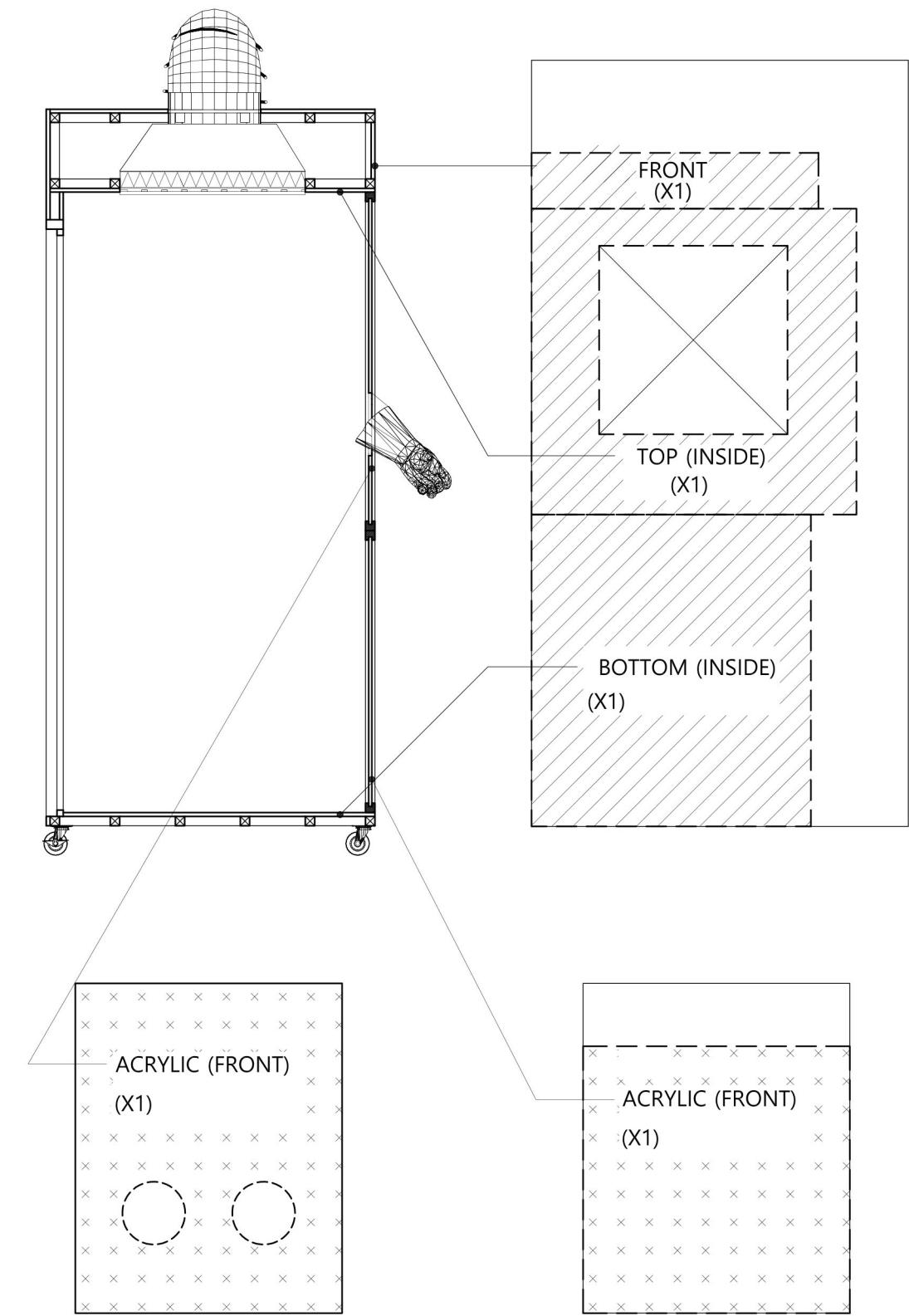
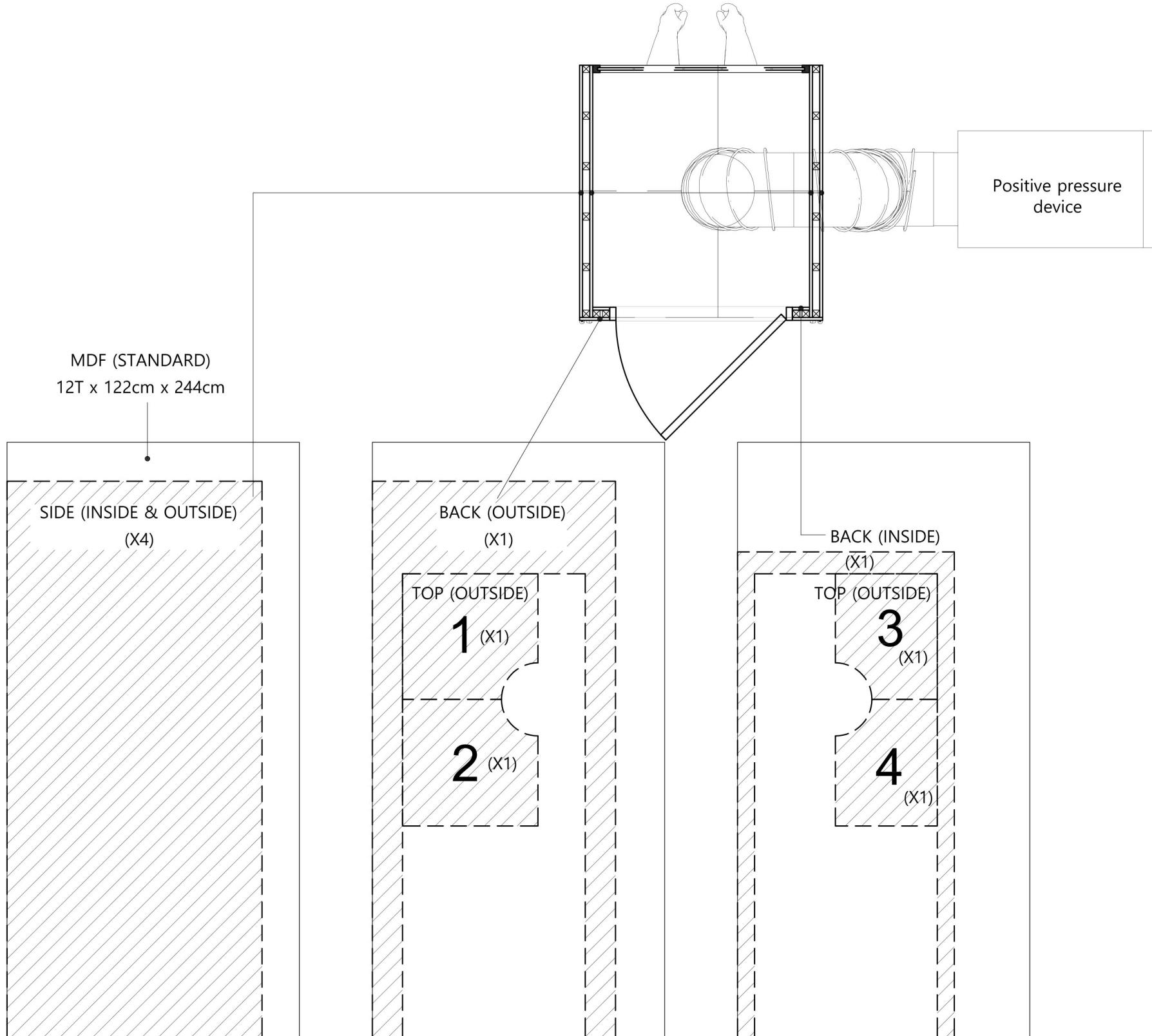


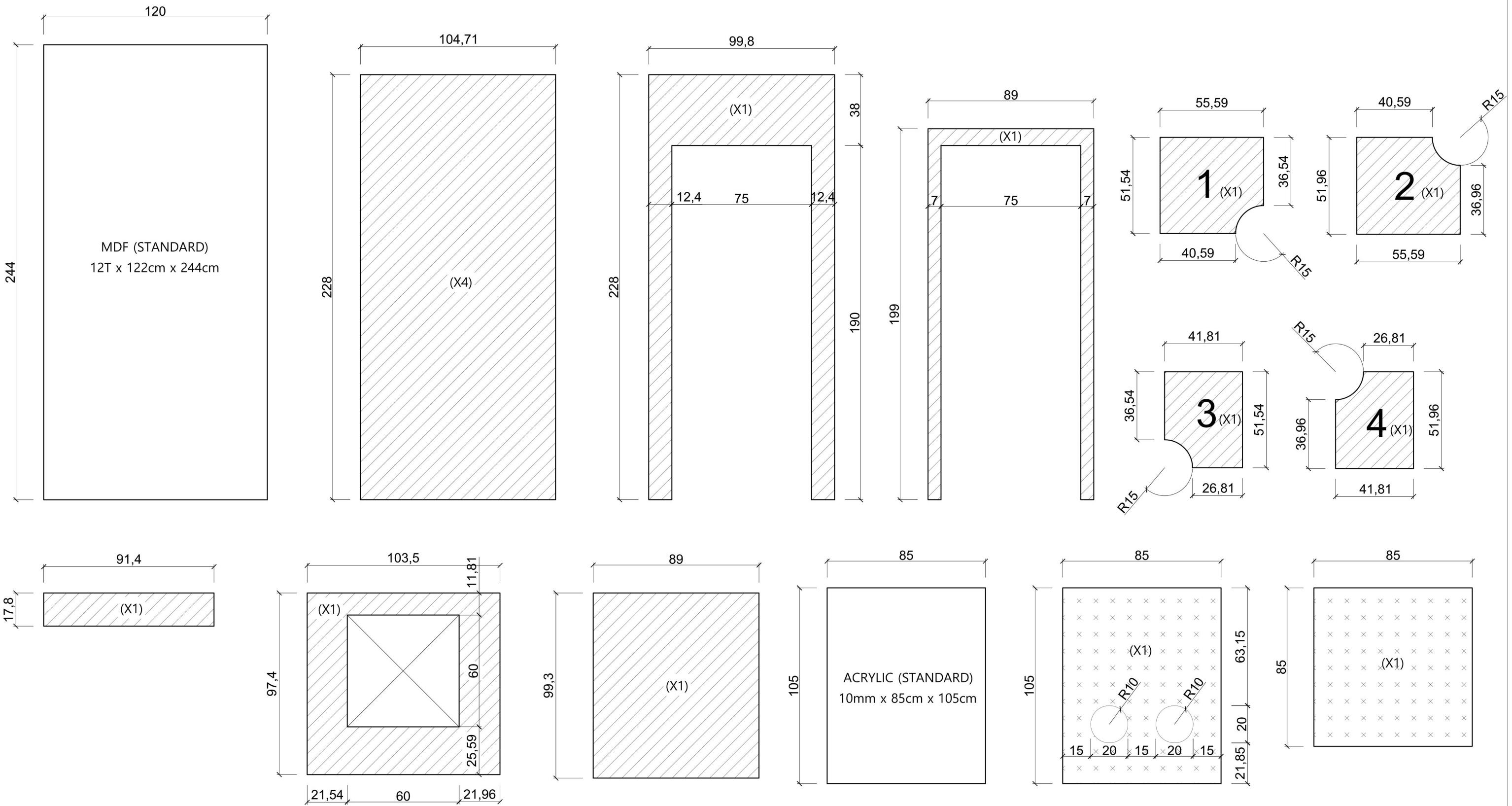
Walking-through booth for building

ELEVATIONS



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)





Walking-through booth for building

MuJong, Yoo [Design and Architectural Director]

Ecole Spéciale d'Architecture Master Architecture, Université Grenoble Alpes Master Urbanisme

Contact Email: mujong.yoo@auplab.com

SeungCheol, Ohk [Policy Director]

Oxford university MPP & SciencesPo MPA

Contact Email: seungcheol.ohk@auplab.com

Team

SangCheon, Park

Seoul National University, Master of Urban environment

Bae Dae Yeon

National University of Singapore, bachelor of politics

Eunsung, Cho

University of Michigan, Bachelors of Science in Architecture

Jae Hyun, Lee

Université Paris 12, Master of Management, International trade (specialized: China studies)

Assistant

Ji Hye Choi

Académie Charpentier Intérieur Architecture