

PORTLAND COMMUNITY COLLEGE
**METROPOLITAN
WORKFORCE
TRAINING
CENTER**

Lowering energy
consumption with
a high-performance
enclosure

Rendering: Nephew Studio
Photography: Andersen Construction



METROPOLITAN WORKFORCE TRAINING CENTER



Metal Wall Panel Cladding

- Skyline Sheet Metal; SkyForm Reveal Panel
- Lightweight, low embodied carbon, recyclable
- Secured to substrate with Skyline's Foriea
- Clip to minimize thermal bridging
- Made in Oregon

Gypsum Sheathing and Air Barrier System

- Georgia-Pacific; DensElement
- Durable exterior sheathing with integral air barrier simplifies construction
- Seams, transitions, and penetrations are sealed with a liquid-applied flashing to ensure an airtight building
- EPD and HPD available



Fiberglass-Framed Windows

- Cascadia; Universal Series
- Low-conducting frames and high-performing glass improve thermal comfort and energy performance: Assembly U-Factor: 0.24
- Declare Red List Free

Mineral Wool Board Insulation

- Rockwool; Cavityrock
- 4" thick continuous exterior insulation provides robust thermal enclosure
- Mineral wool is lower embodied carbon and far less toxic than foam plastic insulations, and is inherently fire-resistant
- Declare Red List Approved