

1. \_\_\_\_\_:

a. The air and moisture management system is an integral part of the building envelope. The design consultant is responsible for designing the continuity of the floor, wall, and roof systems to be continuous and connected in a constructible way.

- i. To effectively control air and moisture in and out of a building, its conditioned space must be surrounded by an air barrier system.
- ii. Construction sequencing needs to be considered to simplify detailing of the connections between different planes of the envelope.
- iii. Attention to the design and details and quality of construction is required to create a complete air and moisture management system.
- iv. All potential gaps, laps, transitions, penetrations, movement joints, windows and doors, and junctions at walls and roofs must meet air leakage resistance requirements found in Section 07 05 00 (e)3 (1) (e) Tj0 Tc 0 Tw 18.4 0 Td( )Tj0.001 Td

Revision Date: 07/29/2021

---

- ii. The interior gypsum drywall layer may contribute to the air and moisture management system but may not be the primary line of management.
- iii. Interior vapor retarder systems shall allow drying to the interior during summer.
- f. Air-barrier assemblies shall be capable of accommodating substrate movement and of sealing substrate expansion and control joints, construction material changes, penetrations, and transitions at perimeter conditions without deterioration or air leakage exceeding the specified limits.

f.

f.





