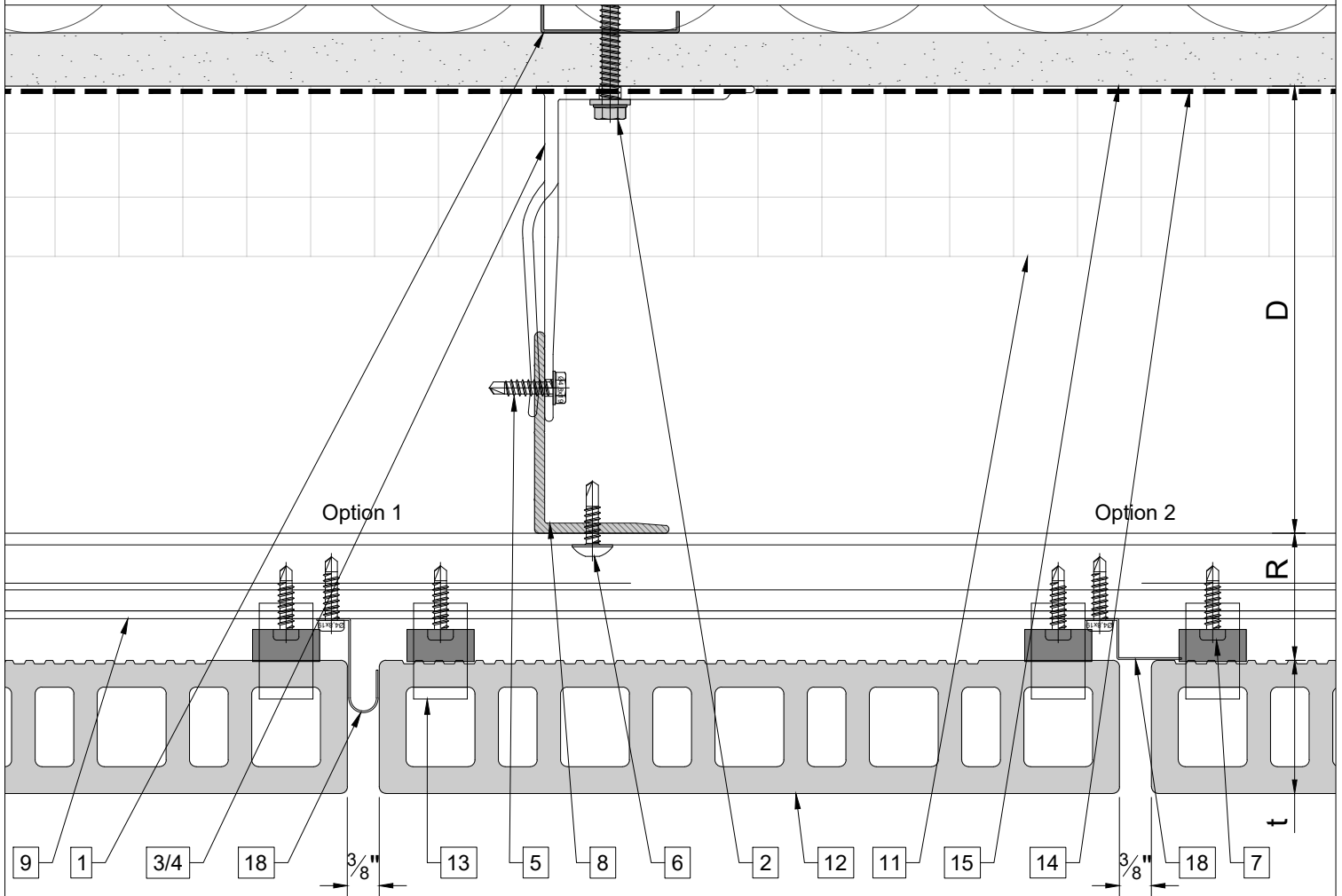


# System depth



System depth				
Bracket	min. D system depth	max. D system depth	R	t Tile thickness
Alpha V 035 / Alpha V+ 035	1 <sup>13</sup> / <sub>16</sub> " (47mm)	2 <sup>15</sup> / <sub>16</sub> " (75mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	varies
Alpha V 050 / Alpha V+ 050	2 <sup>1</sup> / <sub>16</sub> " (53mm)	3 <sup>3</sup> / <sub>16</sub> " (90mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	varies
Alpha V 080 / Alpha V+ 080	3 <sup>1</sup> / <sub>4</sub> " (83mm)	4 <sup>3</sup> / <sub>4</sub> " (120mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	varies
Alpha V 100 / Alpha V+ 100	4 <sup>1</sup> / <sub>16</sub> " (103mm)	5 <sup>1</sup> / <sub>2</sub> " (140mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	varies
Alpha V 115 / Alpha V+ 115	4 <sup>9</sup> / <sub>16</sub> " (118mm)	6 <sup>1</sup> / <sub>8</sub> " (155mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	varies
Alpha V 135 / Alpha V+ 135	5 <sup>7</sup> / <sub>16</sub> " (138mm)	6 <sup>5</sup> / <sub>8</sub> " (175mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	varies
Alpha V 150 / Alpha V+ 150	6" (153mm)	7 <sup>1</sup> / <sub>2</sub> " (190mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	varies
Alpha V 170 / Alpha V+ 170	6 <sup>13</sup> / <sub>16</sub> " (173mm)	8 <sup>1</sup> / <sub>4</sub> " (210mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	varies
Alpha V 185 / Alpha V+ 185	7 <sup>3</sup> / <sub>8</sub> " (188mm)	8 <sup>7</sup> / <sub>8</sub> " (225mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	varies
Alpha V 200 / Alpha V+ 200	8" (203mm)	9 <sup>1</sup> / <sub>2</sub> " (240mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	varies
Alpha V 220 / Alpha V+ 220	8 <sup>3</sup> / <sub>4</sub> " (223mm)	10 <sup>1</sup> / <sub>4</sub> " (260mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	varies
Alpha V 255 / Alpha V+ 255	10 <sup>3</sup> / <sub>16</sub> " (258mm)	11 <sup>5</sup> / <sub>8</sub> " (295mm)	1 <sup>1</sup> / <sub>2</sub> " (38mm)	varies

## Legend

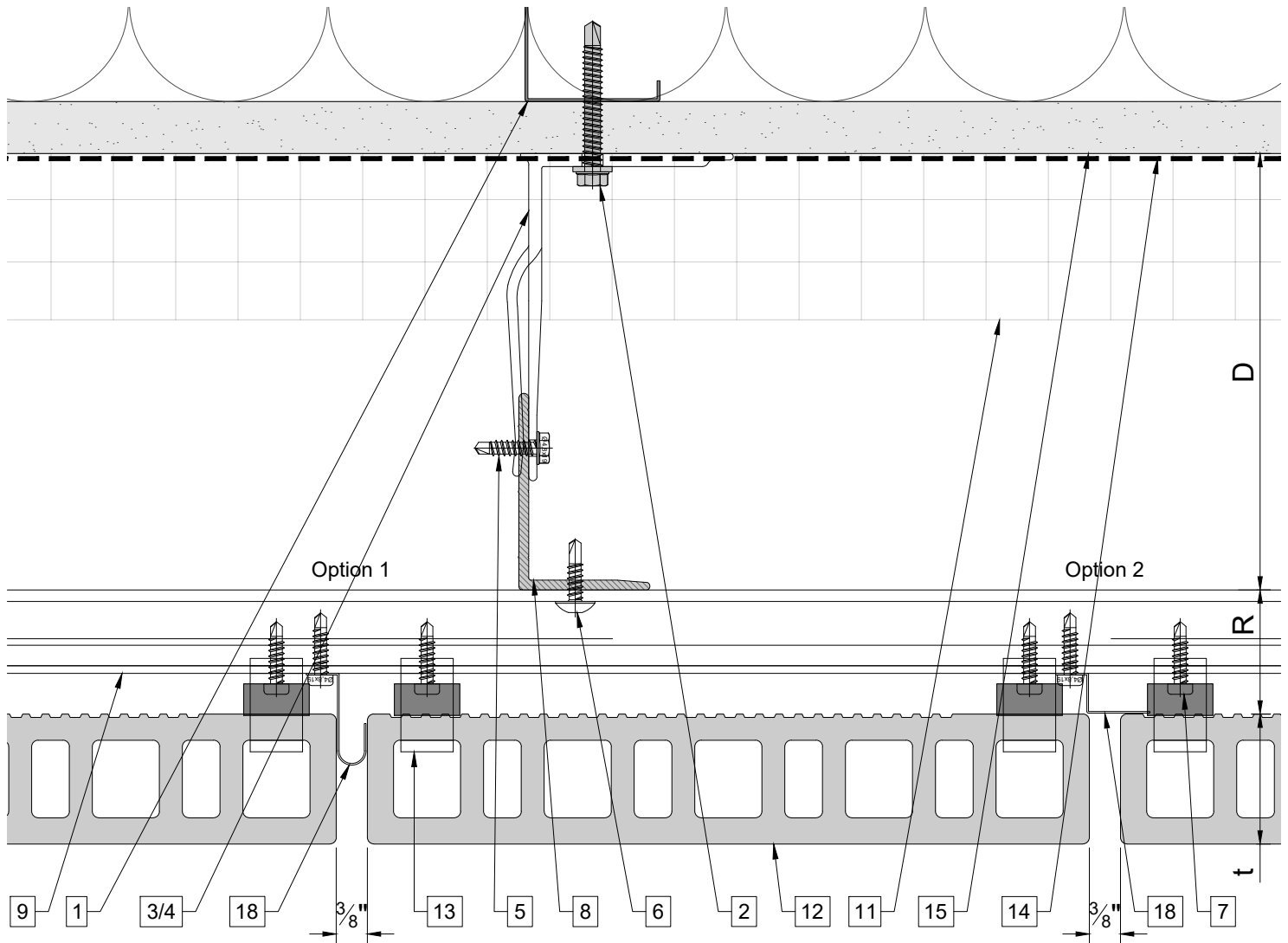
1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw <sup>3</sup>/<sub>16</sub>" x <sup>3</sup>/<sub>4</sub>" hex head
6. st/st self-drilling screw <sup>3</sup>/<sub>16</sub>" x <sup>3</sup>/<sub>4</sub>" button head
7. st/st self-drilling screw <sup>3</sup>/<sub>16</sub>" x <sup>3</sup>/<sub>4</sub>" pan head
8. Vertical L-profile

9. Horizontal carrier rail
10. Perforated base closure
11. Insulation
12. Tile
13. Tile Clip
14. A/V barrier
15. Exterior wall
16. Outer corner closure
17. Jamb closure

18. Joint closure
  19. Coping
  20. Perforated window head closure
  21. Window sill
- D - Bracket and L-profile  
t - Tile thickness  
R - Carrier rail and Clip

\* Ventilation will vary based on insulation depth.  
\*\* Minimum ventilation requirement should be qualified by panel manufacturer.  
\*\*\* One of adjustable hangers per panel to be fixed with structural silicone

# Vertical joint



## Legend

1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  hex head
6. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  button head
7. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  pan head
8. Vertical L-profile

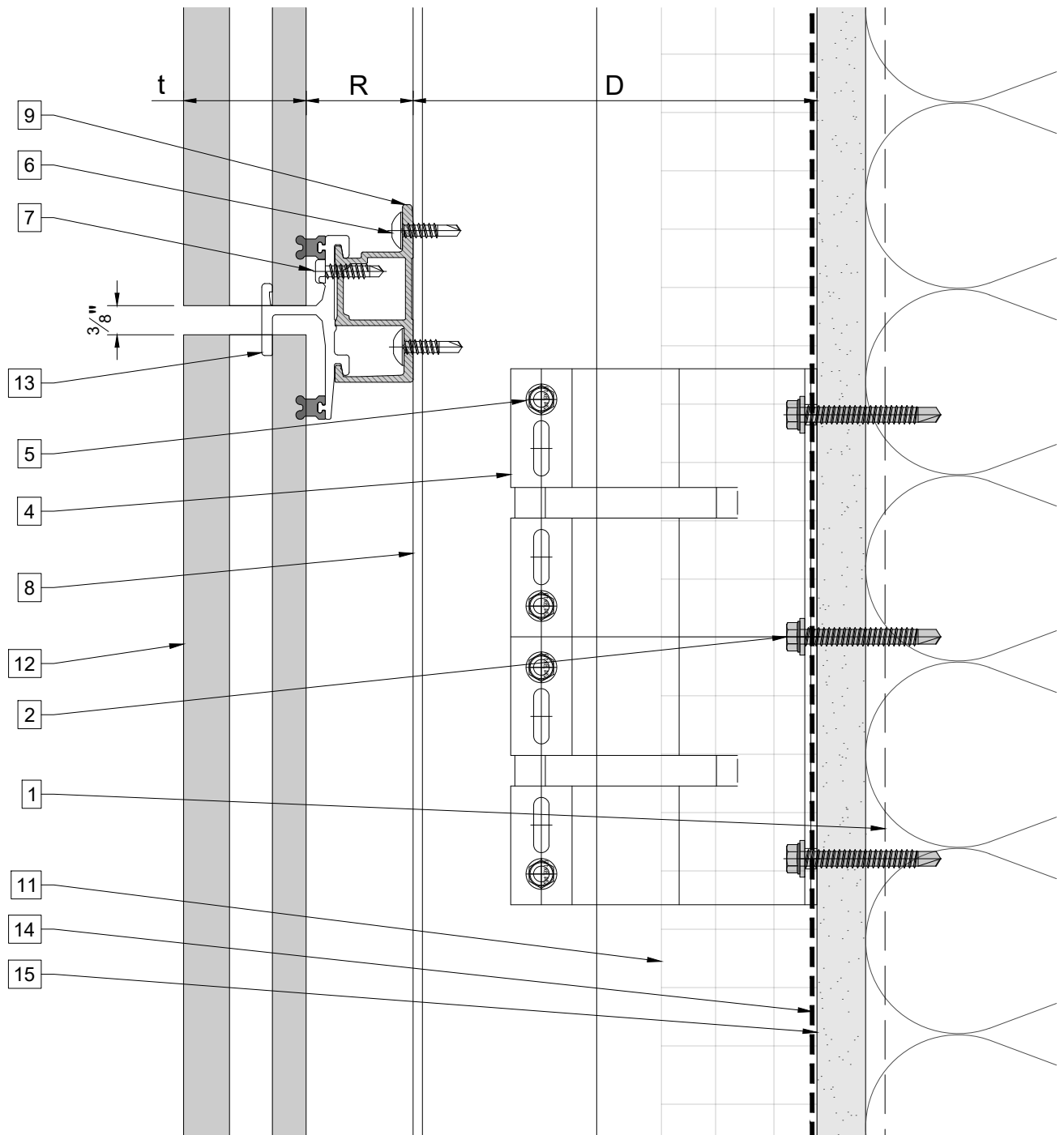
9. Horizontal carrier rail
10. Perforated base closure
11. Insulation
12. Tile
13. Tile Clip
14. A/V barrier
15. Exterior wall
16. Outer corner closure
17. Jamb closure

18. Joint closure
19. Coping
20. Perforated window head closure
21. Window sill

D - Bracket and L-profile  
t - Tile thickness  
R - Carrier rail and Clip

\* Ventilation will vary based on insulation depth.  
\*\* Minimum ventilation requirement should be qualified by panel manufacturer.  
\*\*\* One of adjustable hangers per panel to be fixed with structural silicone

# Horizontal joint



## Legend

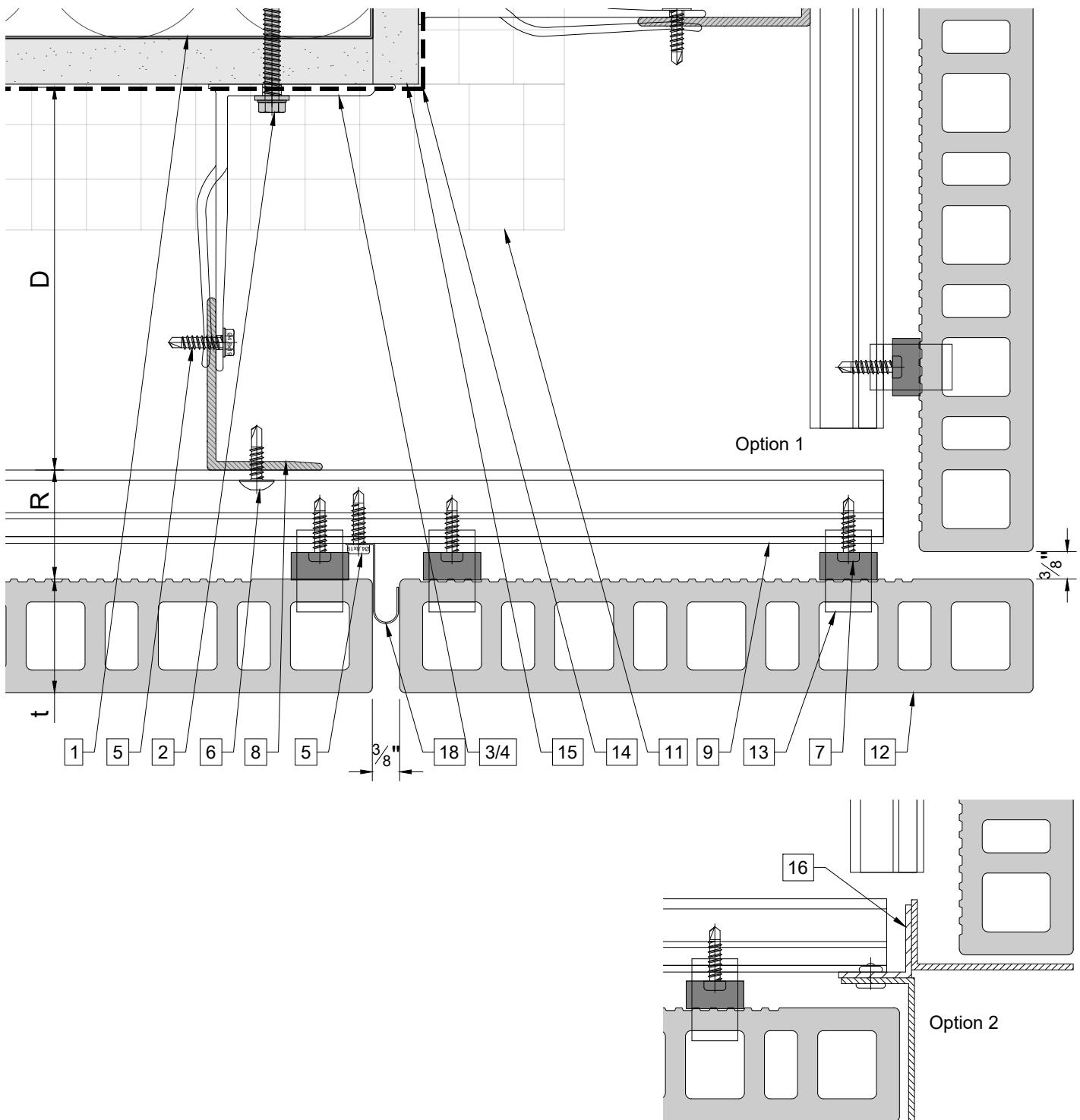
1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  hex head
6. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  button head
7. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  pan head
8. Vertical L-profile

9. Horizontal carrier rail
10. Perforated base closure
11. Insulation
12. Tile
13. Tile Clip
14. A/V barrier
15. Exterior wall
16. Outer corner closure
17. Jamb closure

18. Joint closure
19. Coping
20. Perforated window head closure
21. Window sill

D - Bracket and L-profile  
t - Tile thickness  
R - Carrier rail and Clip

\* Ventilation will vary based on insulation depth.  
\*\* Minimum ventilation requirement should be qualified by panel manufacturer.  
\*\*\* One of adjustable hangers per panel to be fixed with structural silicone

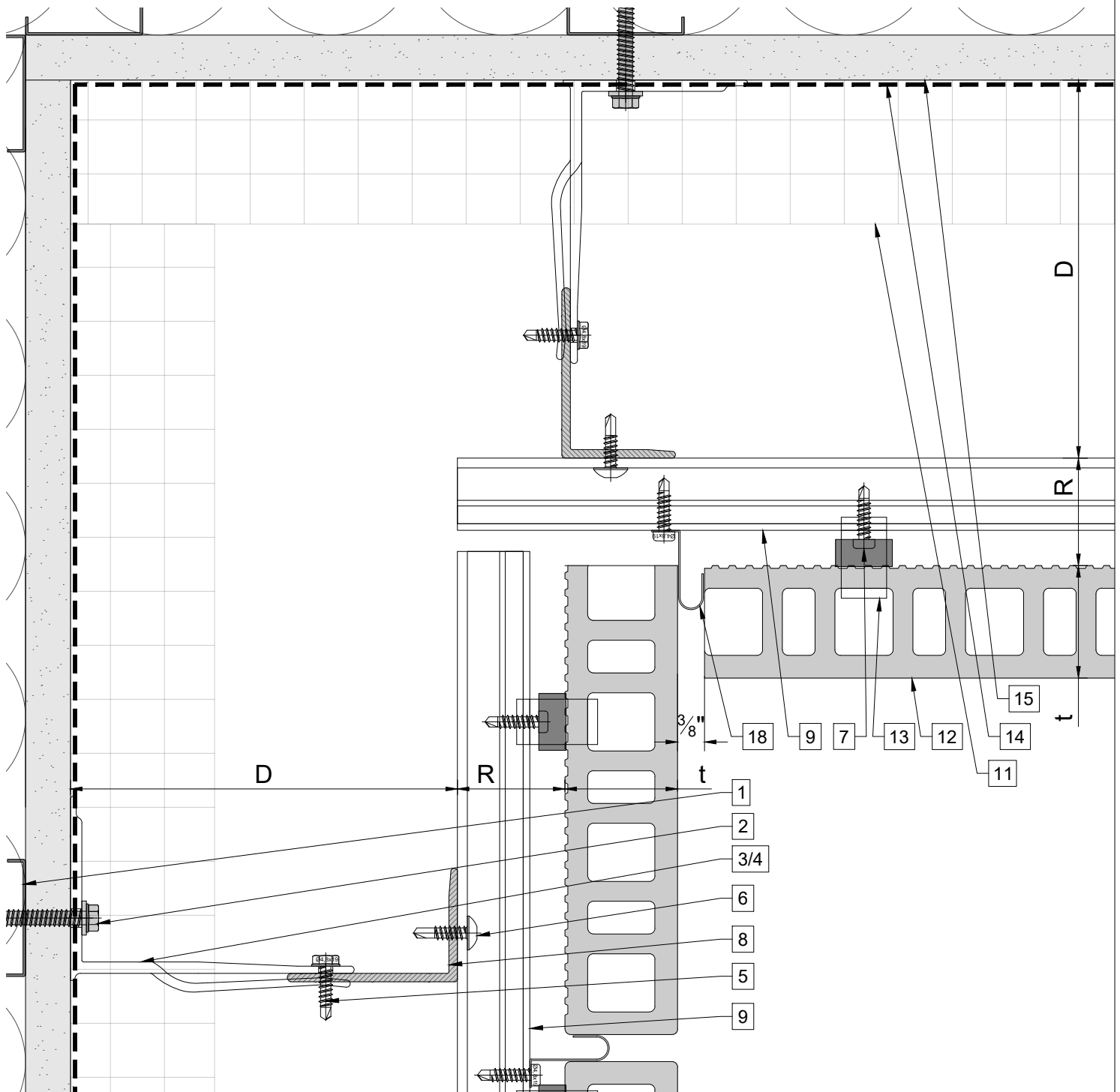
**Legend**

1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  hex head
6. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  button head
7. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  pan head
8. Vertical L-profile

9. Horizontal carrier rail
10. Perforated base closure
11. Insulation
12. Tile
13. Tile Clip
14. A/V barrier
15. Exterior wall
16. Outer corner closure
17. Jamb closure

18. Joint closure
  19. Coping
  20. Perforated window head closure
  21. Window sill
- D - Bracket and L-profile  
t - Tile thickness  
R - Carrier rail and Clip

\* Ventilation will vary based on insulation depth.  
 \*\* Minimum ventilation requirement should be qualified by panel manufacturer.  
 \*\*\* One of adjustable hangers per panel to be fixed with structural silicone



## Legend

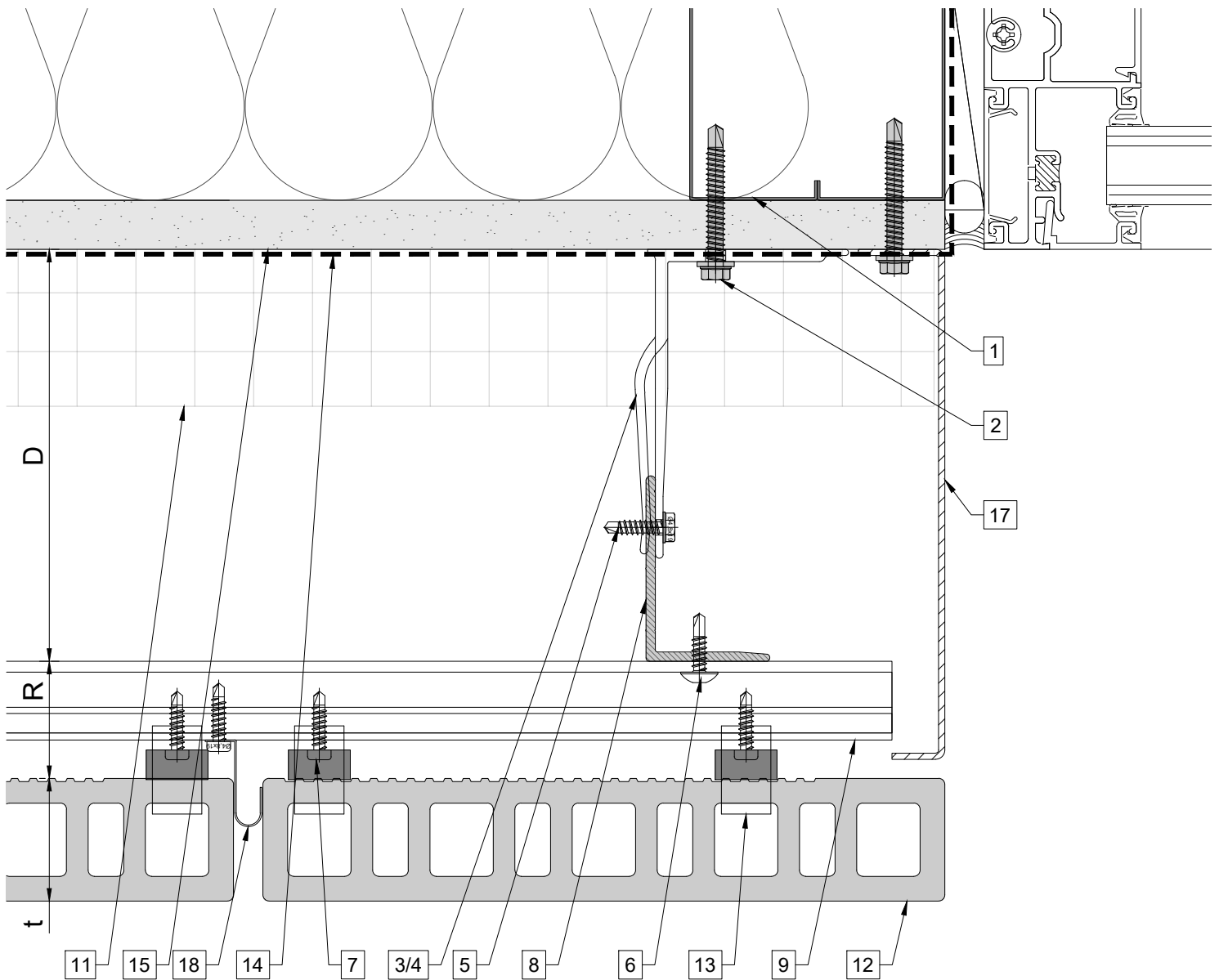
1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  hex head
6. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  button head
7. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  pan head
8. Vertical L-profile

9. Horizontal carrier rail
10. Perforated base closure
11. Insulation
12. Tile
13. Tile Clip
14. A/V barrier
15. Exterior wall
16. Outer corner closure
17. Jamb closure

18. Joint closure
  19. Coping
  20. Perforated window head closure
  21. Window sill
- D - Bracket and L-profile  
t - Tile thickness  
R - Carrier rail and Clip

\* Ventilation will vary based on insulation depth.  
 \*\* Minimum ventilation requirement should be qualified by panel manufacturer.  
 \*\*\* One of adjustable hangers per panel to be fixed with structural silicone

# Window jamb (option 1)



## Legend

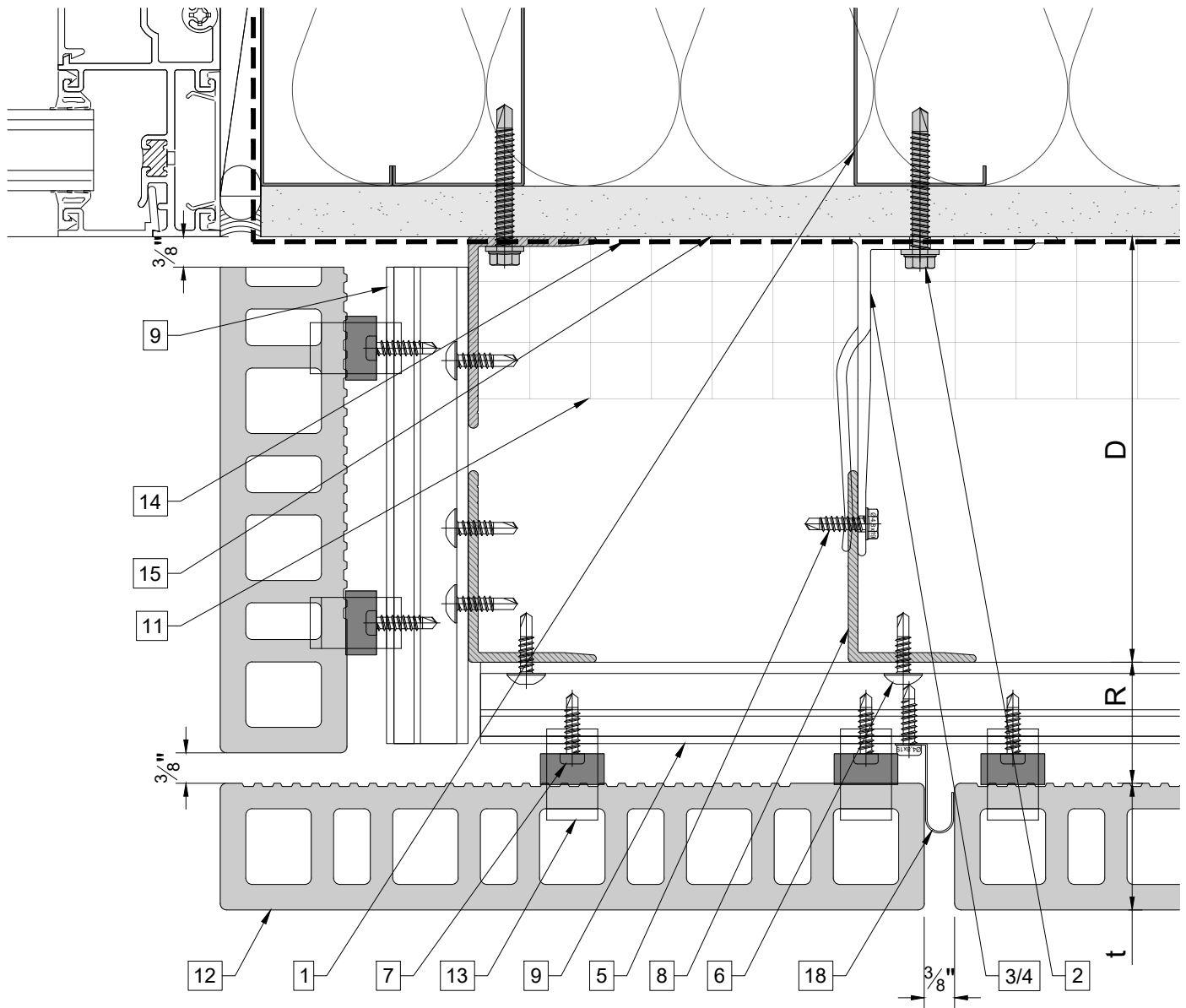
1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw  $\frac{3}{16}$ " x  $\frac{3}{4}$ " hex head
6. st/st self-drilling screw  $\frac{3}{16}$ " x  $\frac{3}{4}$ " button head
7. st/st self-drilling screw  $\frac{3}{16}$ " x  $\frac{3}{4}$ " pan head
8. Vertical L-profile

9. Horizontal carrier rail
10. Perforated base closure
11. Insulation
12. Tile
13. Tile Clip
14. A/V barrier
15. Exterior wall
16. Outer corner closure
17. Jamb closure

18. Joint closure
  19. Coping
  20. Perforated window head closure
  21. Window sill
- D - Bracket and L-profile  
t - Tile thickness  
R - Carrier rail and Clip

\* Ventilation will vary based on insulation depth.  
\*\* Minimum ventilation requirement should be qualified by panel manufacturer.  
\*\*\* One of adjustable hangers per panel to be fixed with structural silicone

# Window jamb (option 2)



## Legend

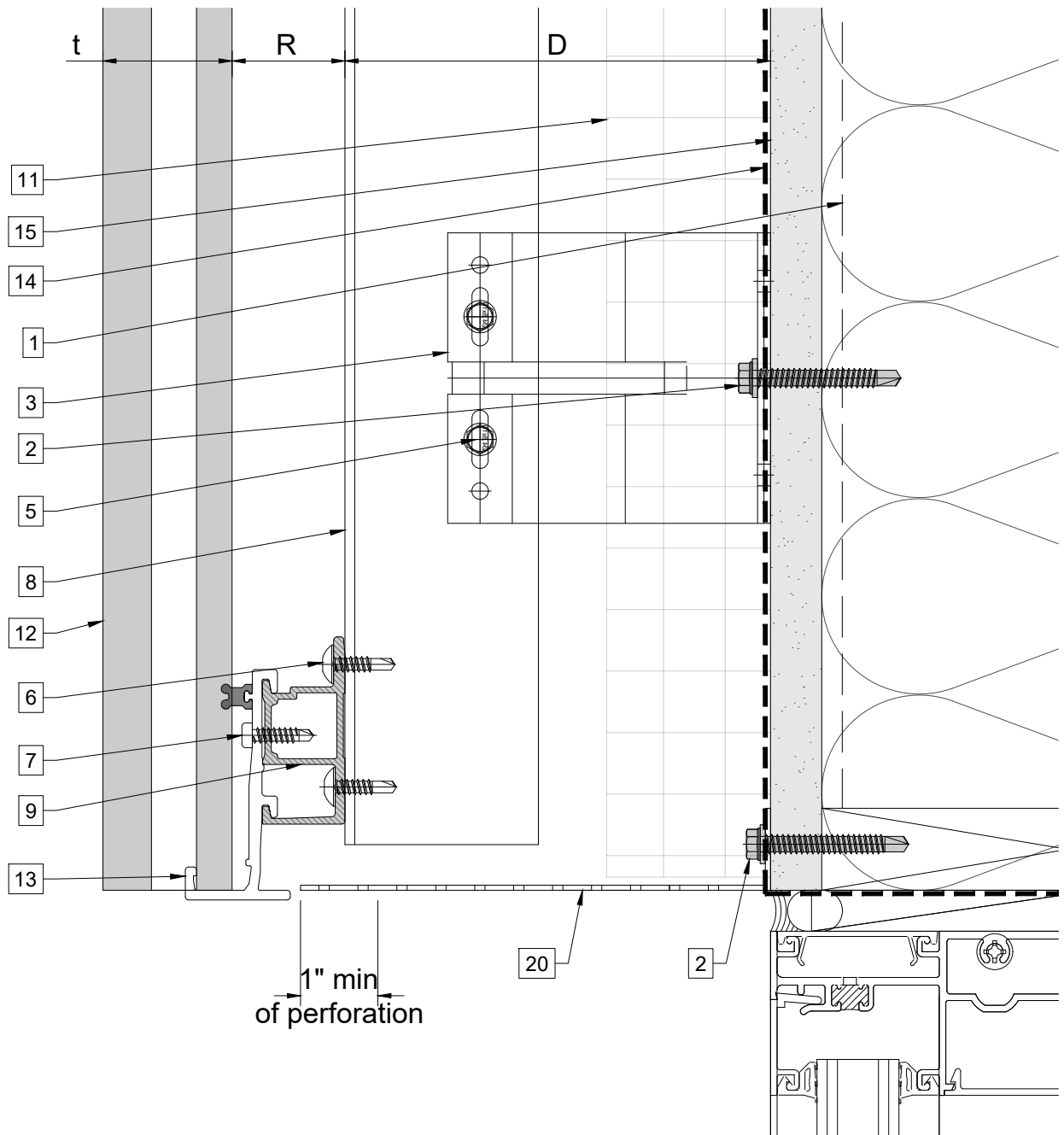
1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  hex head
6. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  button head
7. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  pan head
8. Vertical L-profile

9. Horizontal carrier rail
10. Perforated base closure
11. Insulation
12. Tile
13. Tile Clip
14. A/V barrier
15. Exterior wall
16. Outer corner closure
17. Jamb closure

18. Joint closure
  19. Coping
  20. Perforated window head closure
  21. Window sill
- D - Bracket and L-profile  
t - Tile thickness  
R - Carrier rail and Clip

\* Ventilation will vary based on insulation depth.  
\*\* Minimum ventilation requirement should be qualified by panel manufacturer.  
\*\*\* One of adjustable hangers per panel to be fixed with structural silicone





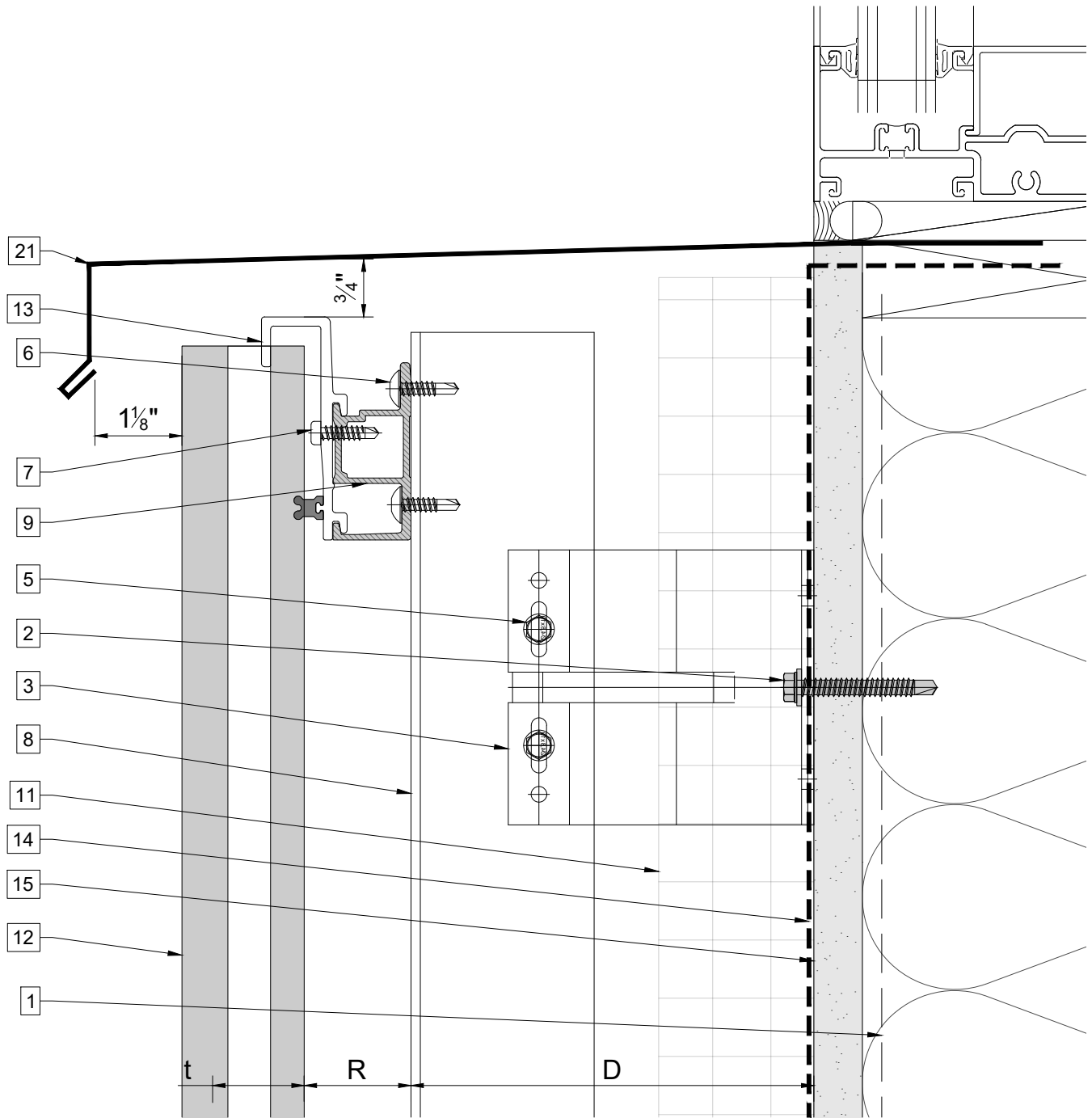
## Legend

1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw  $\frac{3}{16}$ " x  $\frac{3}{4}$ " hex head
6. st/st self-drilling screw  $\frac{3}{16}$ " x  $\frac{3}{4}$ " button head
7. st/st self-drilling screw  $\frac{3}{16}$ " x  $\frac{3}{4}$ " pan head
8. Vertical L-profile

9. Horizontal carrier rail
10. Perforated base closure
11. Insulation
12. Tile
13. Tile Clip
14. A/V barrier
15. Exterior wall
16. Outer corner closure
17. Jamb closure

18. Joint closure
  19. Coping
  20. Perforated window head closure
  21. Window sill
- D - Bracket and L-profile  
t - Tile thickness  
R - Carrier rail and Clip

\* Ventilation will vary based on insulation depth.  
\*\* Minimum ventilation requirement should be qualified by panel manufacturer.  
\*\*\* One of adjustable hangers per panel to be fixed with structural silicone



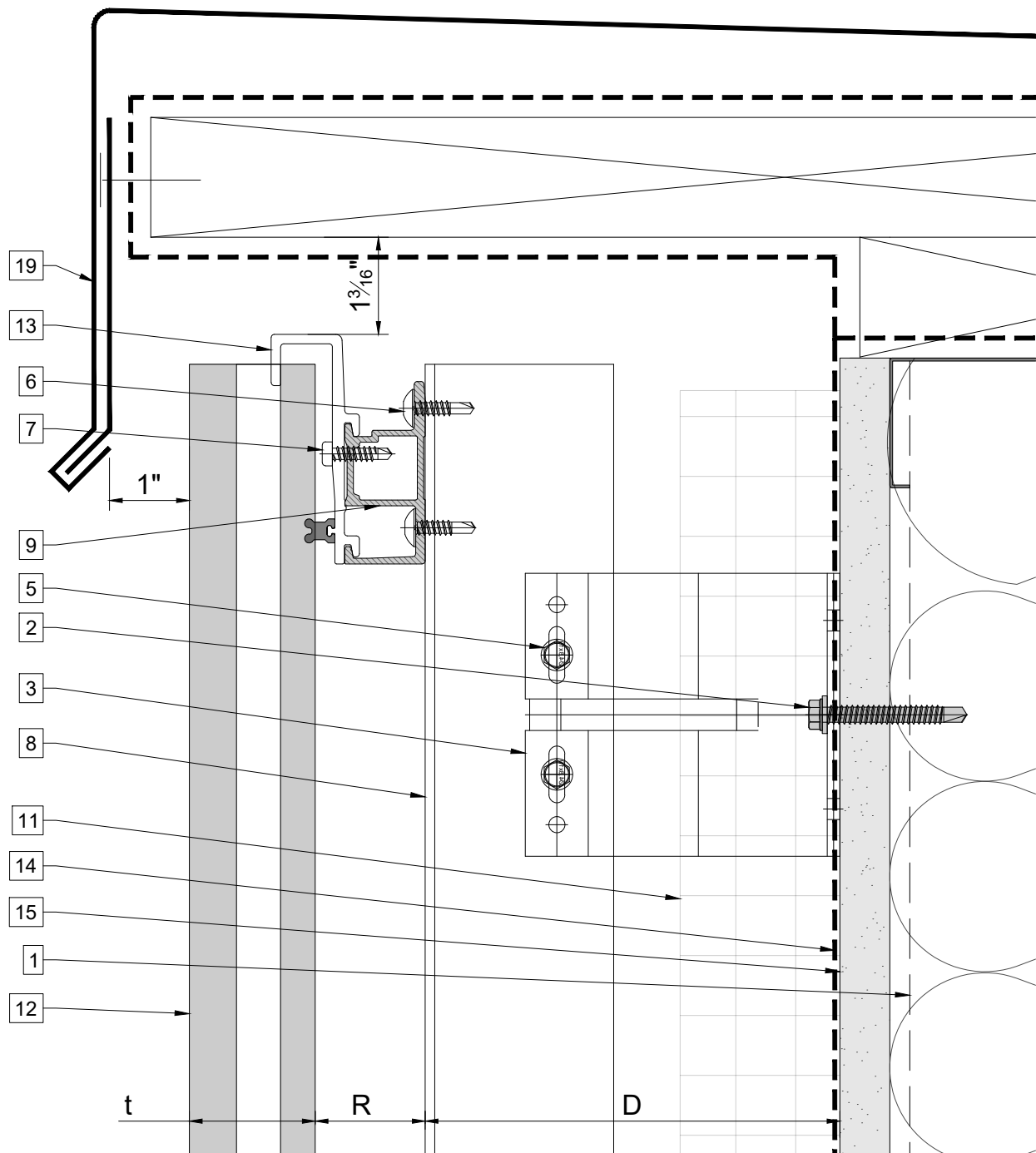
## Legend

1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  hex head
6. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  button head
7. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  pan head
8. Vertical L-profile

9. Horizontal carrier rail
10. Perforated base closure
11. Insulation
12. Tile
13. Tile Clip
14. A/V barrier
15. Exterior wall
16. Outer corner closure
17. Jamb closure

18. Joint closure
  19. Coping
  20. Perforated window head closure
  21. Window sill
- D - Bracket and L-profile  
t - Tile thickness  
R - Carrier rail and Clip

- \* Ventilation will vary based on insulation depth.  
\*\* Minimum ventilation requirement should be qualified by panel manufacturer.  
\*\*\* One of adjustable hangers per panel to be fixed with structural silicone



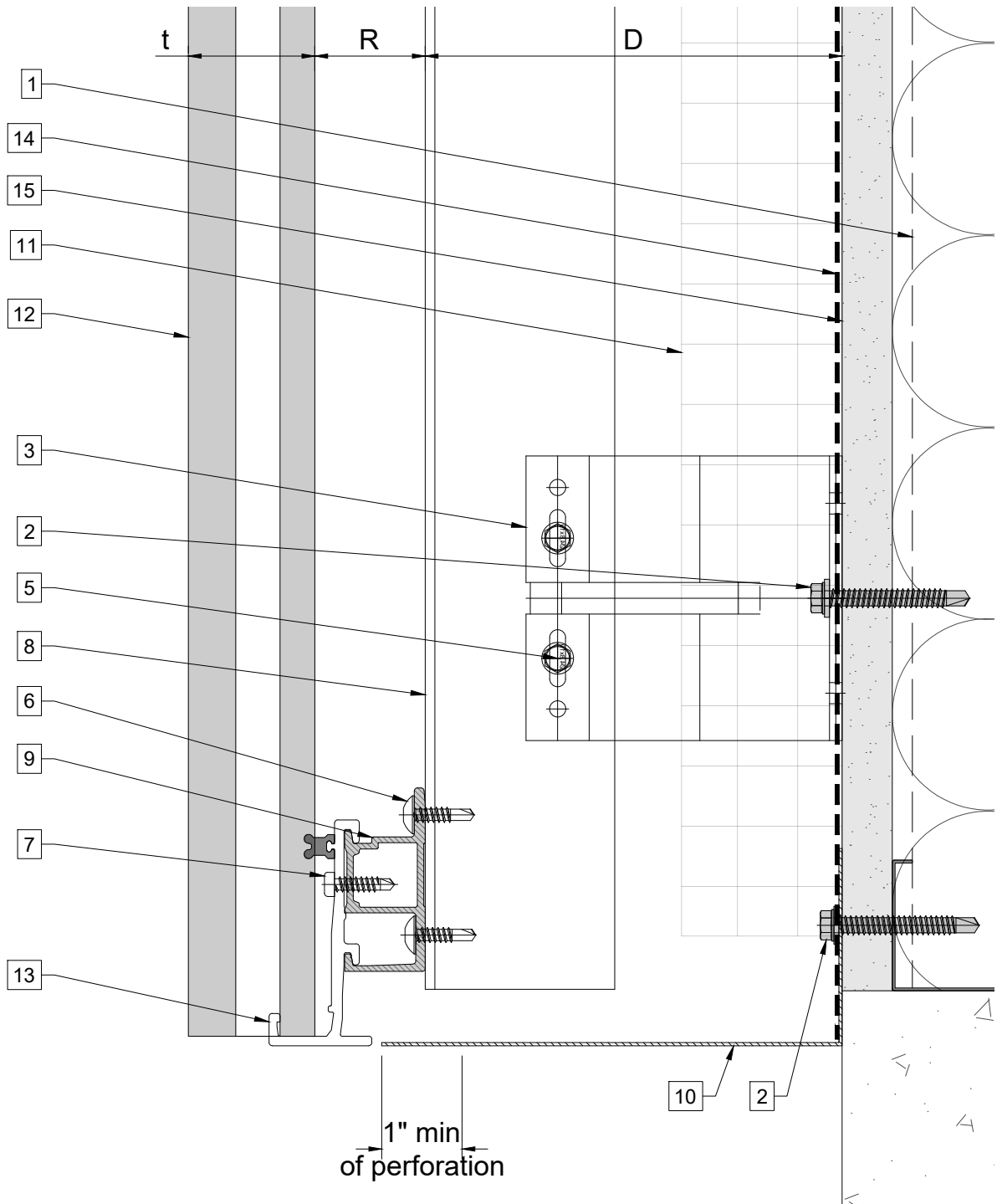
# Legend

1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  hex head
6. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  button head
7. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  pan head
8. Vertical L-profile

9. Horizontal carrier rail
10. Perforated base closure
11. Insulation
12. Tile
13. Tile Clip
14. A/V barrier
15. Exterior wall
16. Outer corner closure
17. Jamb closure

18. Joint closure
  19. Coping
  20. Perforated window head closure
  21. Window sill
- D - Bracket and L-profile  
t - Tile thickness  
R - Carrier rail and Clip

\* Ventilation will vary based on insulation depth.  
 \*\* Minimum ventilation requirement should be qualified by panel manufacturer.  
 \*\*\* One of adjustable hangers per panel to be fixed with structural silicone

**Legend**

1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  hex head
6. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  button head
7. st/st self-drilling screw  $\frac{3}{16} \times \frac{3}{4}$  pan head
8. Vertical L-profile

9. Horizontal carrier rail
10. Perforated base closure
11. Insulation
12. Tile
13. Tile Clip
14. A/V barrier
15. Exterior wall
16. Outer corner closure
17. Jamb closure

18. Joint closure
  19. Coping
  20. Perforated window head closure
  21. Window sill
- D - Bracket and L-profile  
t - Tile thickness  
R - Carrier rail and Clip

\* Ventilation will vary based on insulation depth.  
 \*\* Minimum ventilation requirement should be qualified by panel manufacturer.  
 \*\*\* One of adjustable hangers per panel to be fixed with structural silicone