

NICOS-MANGINI HEADWALL



MANGINI
HEALTHCARE

NICOS
MANGINI U.S.A.

HEADWALL

PRODUCT INFORMATION



Planika® Patient Headwall

Mangini's patient room headwall delivers a pre-engineered, fully integrated solution that installs directly onto a finished wall surface or integrated within Mangini's Planika prefabricated wall system. It combines medical gases, power, data, and equipment management into a streamlined vertical assembly, eliminating the need for complex in-wall construction.

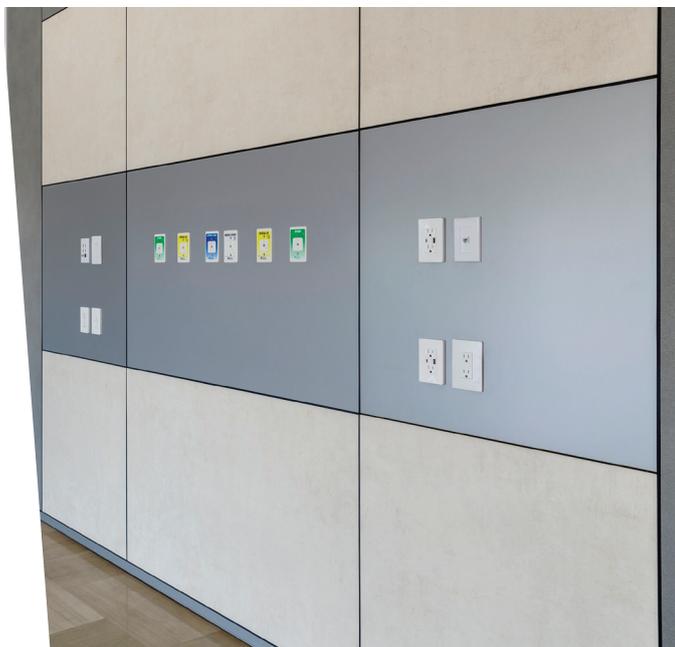
Each headwall is factory-built and ready to connect, saving valuable time and reducing disruption in both new and renovation projects. Every Mangini system is job-specific, allowing layouts, finishes, and service configurations to be tailored to the exact needs of each facility and clinical program.

UL certification is in the process of evaluating Mangini's headwall.

HEADWALL

PRODUCT INFORMATION

PARTITION TYPE	Single or Double Sided Applied or self-standing
PARTITION THICKNESS	3" Single Sided 4" Single Sided 6" Single or Double Sided 7" Double or Single Sided 8" Double or Single Sided
PARTITION HEIGHT	Height adaptable per project, based on floor-to-ceiling dimensions
PANEL FINISH	Medical grade options: Pre-painted, high pressure laminate, solid surface, back-painted glass, and/or stainless steel
ACOUSTICS	53 STC for 4" solid partition
SEISMIC	UNI ISO 7892, Class 4
FIRE RESISTANCE	FM fire approved
ELECTRICAL	Pre-terminated electrical Normal or emergency circuits
MEDICAL GAS	Available with medical air, oxygen and vacuum supply
LOW VOLTAGE	Available to accommodate boxes and hardware
ACCESSORIES	Equipment mounting rail integration In-wall backing for accessories and/or equipment
INFECTION PREVENTION	Gasket to seal joint locations



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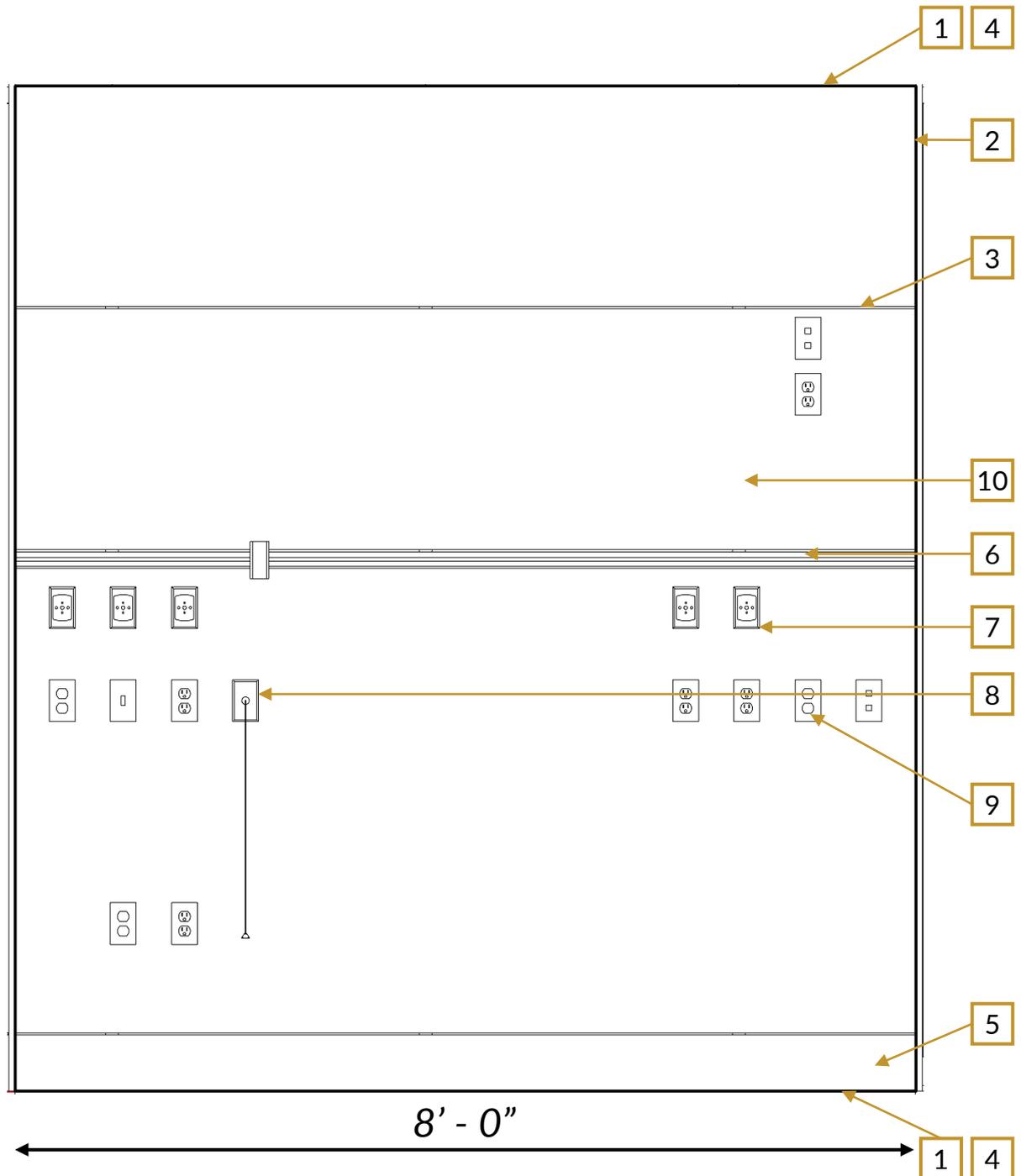
MANGINI HEADWALL BENEFITS

FEATURE	CONVENTIONAL CONSTRUCTION	PREFABRICATED SYSTEMS
FABRICATION	On-site	Off-site: Factory controlled
INSTALLATION TIME	Longer	Accelerated
SPEED	Slower, sequential process	Faster, parallel workstreams
JOBSITE HAZARDS	High	Low
WASTE	High	Minimal
FLEXIBILITY	Limited	Reconfigurable
ACOUSTIC CONTROL	Variable	Engineered performance
QUALITY CONTROL	Subject to on-site variables	Higher due to controlled factory environment



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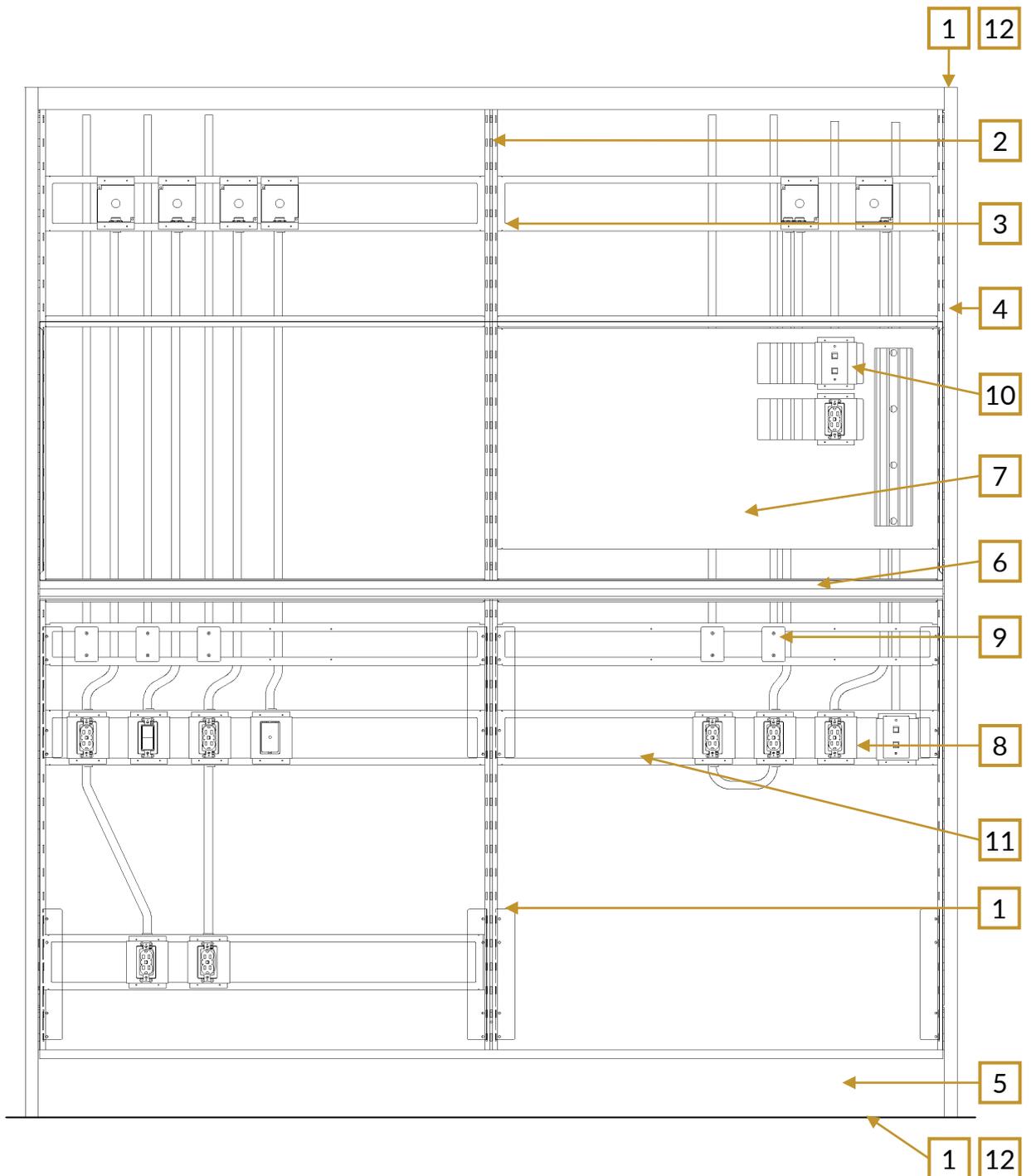


HEADWALL PARTITION

1. Adhesive acoustical foam pad
2. Upright with finish end cap
3. Gasket seal for infection prevention
4. Leveler
5. Base for seamless wall to floor transition
6. Integrated mounting rail for hanging accessories
7. Medical gas, oxygen & vacuum supply
8. Low voltage
9. Electrical (essential & non-essential)
10. Wall panel medical grade finish options
 - a. Pre-painted
 - b. High-pressure laminate
 - c. Solid surface
 - d. Back-painted glass
 - e. Stainless steel

HEADWALL

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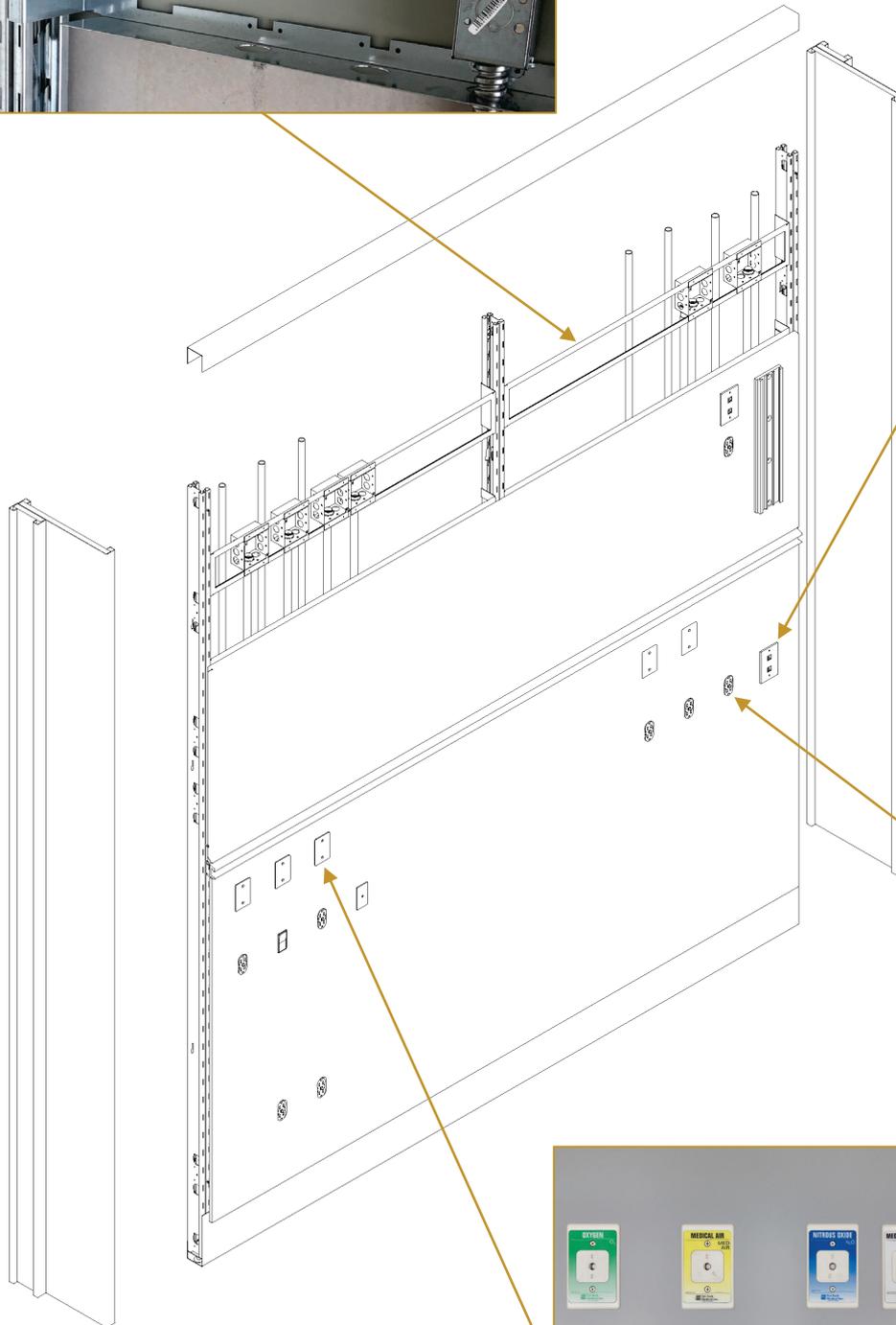
HEADWALL PARTITION

- | | |
|---|--|
| 1. Adhesive acoustical foam pad | 7. In-wall blocking to support accessories |
| 2. Upright | 8. Electrical (essential & non-essential) |
| 3. Gasket seal for infection prevention | 9. Medical gas, oxygen & vacuum supply |
| 4. Finish end cap | 10. Low voltage |
| 5. Base for seamless wall to floor transition | 11. Internal mounting rail for devices |
| 6. Integrated mounting rail for hanging accessories | 12. Leveler |

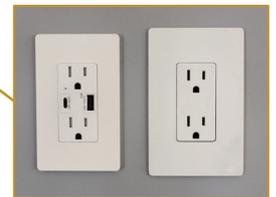
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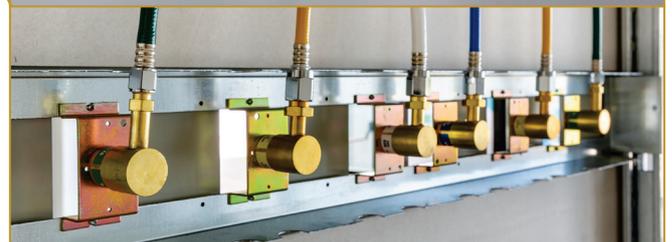
Internal mounting rail for devices



Low voltage



Electrical



Medical gas, oxygen and vacuum supply

HEADWALL

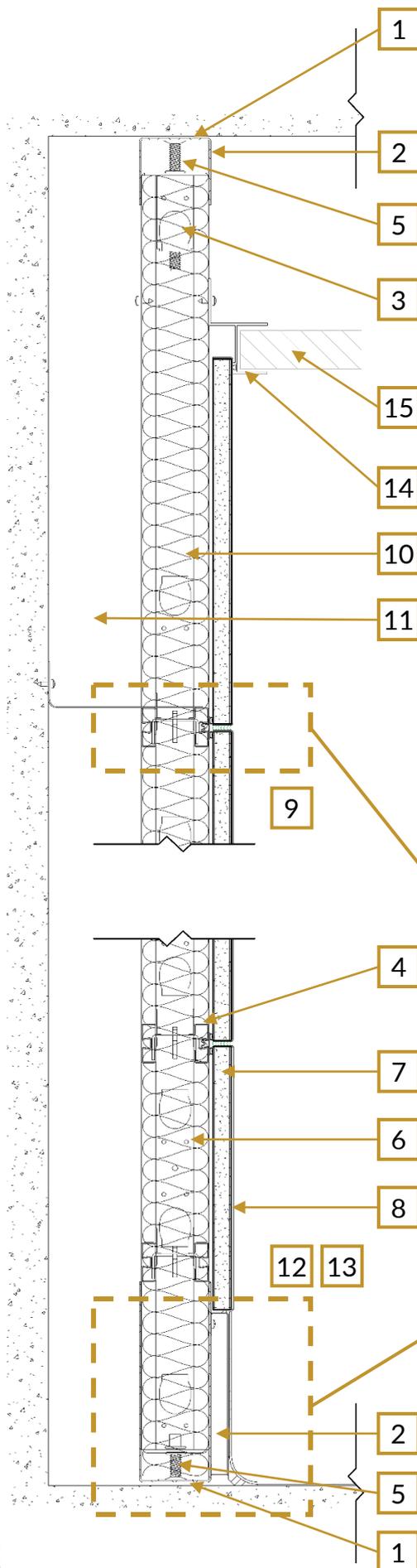
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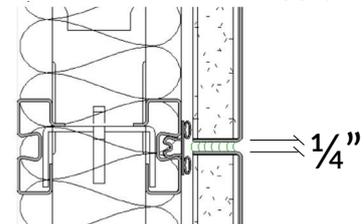
PRODUCT INFORMATION

SINGLE SIDED HEADWALL

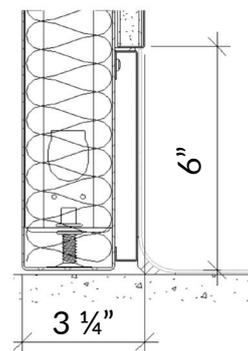


1. Adhesive acoustical foam pad
2. Rail
3. Upper spring
4. Crosspiece
5. Leveler
6. Upright
7. Gypsum board
8. Wall panel medical grade finish options
 - a. Pre-painted
 - b. High-pressure laminate
 - c. Solid surface
 - d. Back-painted glass
 - e. Stainless steel
9. Gasket seal for infection prevention
10. Rockwool insulation
11. Variable space - ideal for back to back configurations with dialysis boxes, etc.
12. Coving Profile R25 or R60
13. Structural support for self-coving base
14. Angle support for suspended ceiling
15. Ceiling

Optional vertical joints between panels can be sealed with a specially designed non-toxic gasket, providing an airtight barrier against overpressure from the air supply.

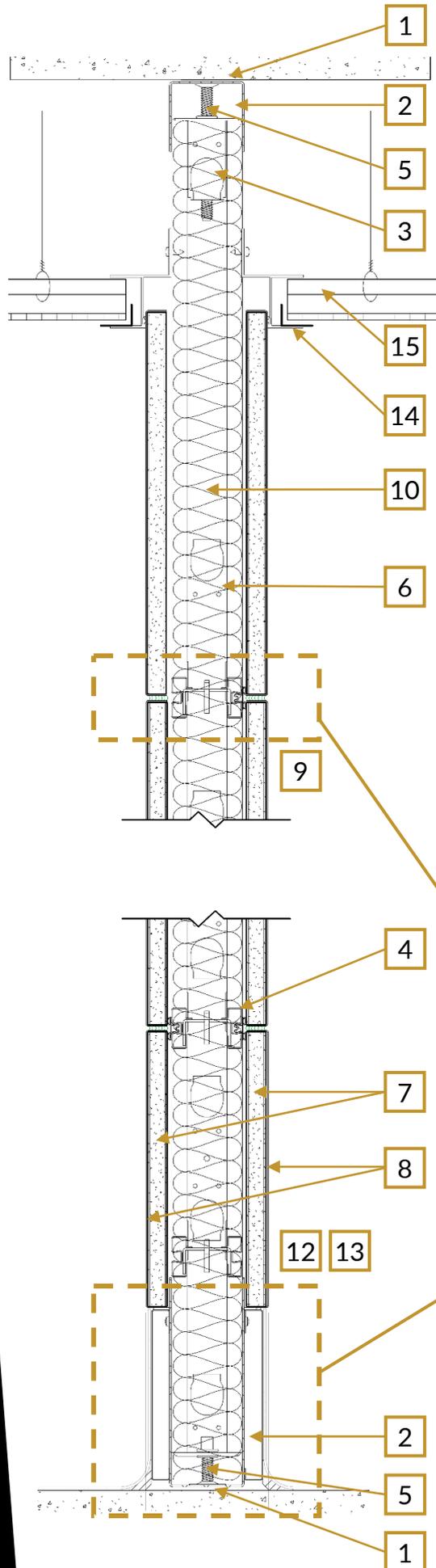


Optional base detail available to accommodate an integral cove base for seamless wall-to-floor transition.



HEADWALL

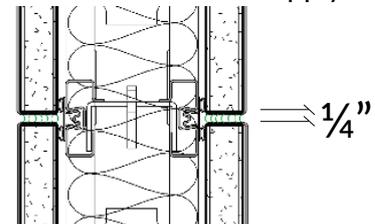
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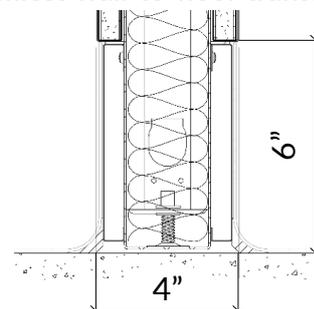
DOUBLE SIDED HEADWALL

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2. Rail
3. Upper spring
4. Crosspiece
5. Leveler
6. Upright
7. Gypsum board
8. Wall panel medical grade finish options
 - a. Pre-painted
 - b. High-pressure laminate
 - c. Solid surface
 - d. Back-painted glass
 - e. Stainless steel
9. Gasket seal for infection prevention
10. Rockwool insulation
11. Variable space for passage
12. Coving Profile R25 or R60
13. Structural support for self-coving base
14. Angle support for suspended ceiling
15. Ceiling

Optional vertical joints between panels can be sealed with a specially designed non-toxic gasket, providing an airtight barrier against overpressure from the air supply.



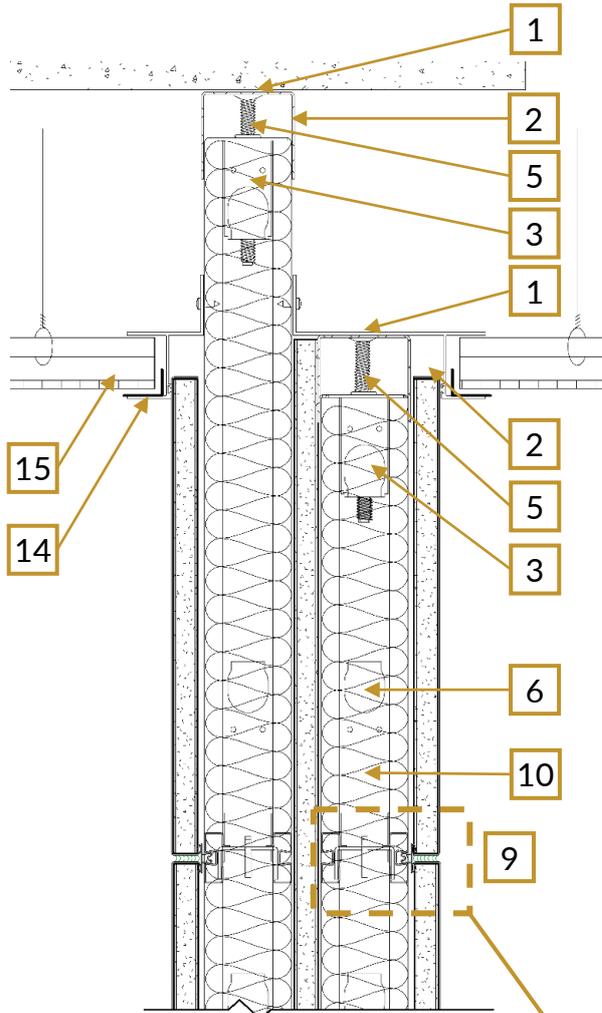
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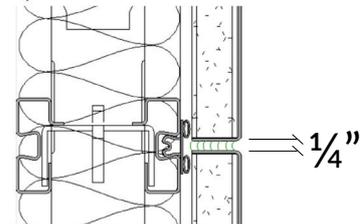
PRODUCT INFORMATION

DOUBLE WALL/SIDED HEADWALL

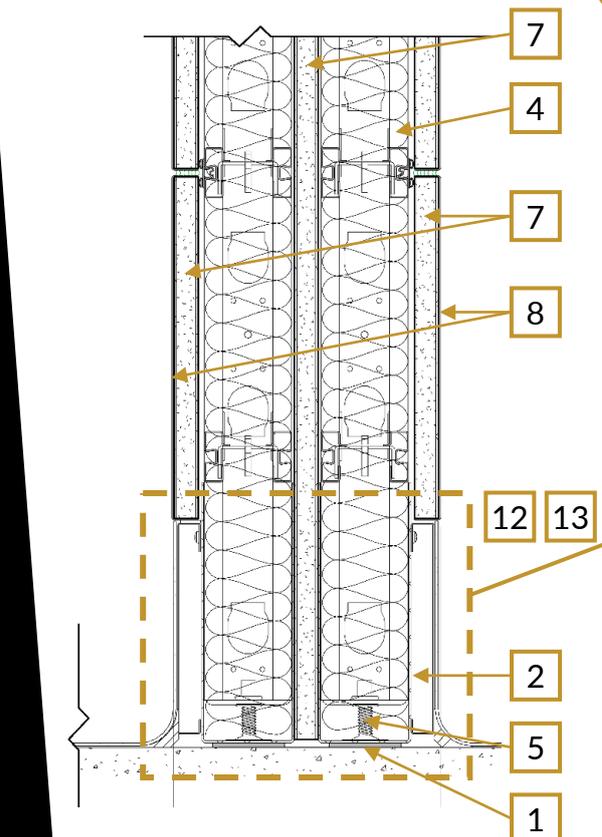
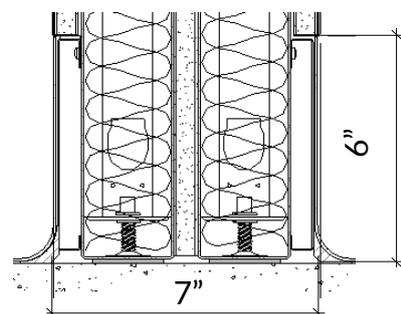


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Optional base detail available to accommodate an integral cove base for seamless wall-to-floor transition.





MANGINI U.S.A.

Nicos Group, Inc.

80 Oak Street
Norwood NJ 07648 - USA

Phone: 201-768-9501

Fax: 201-768-9504

Email: info@nicosgroup.com

www.nicosgroup.com

