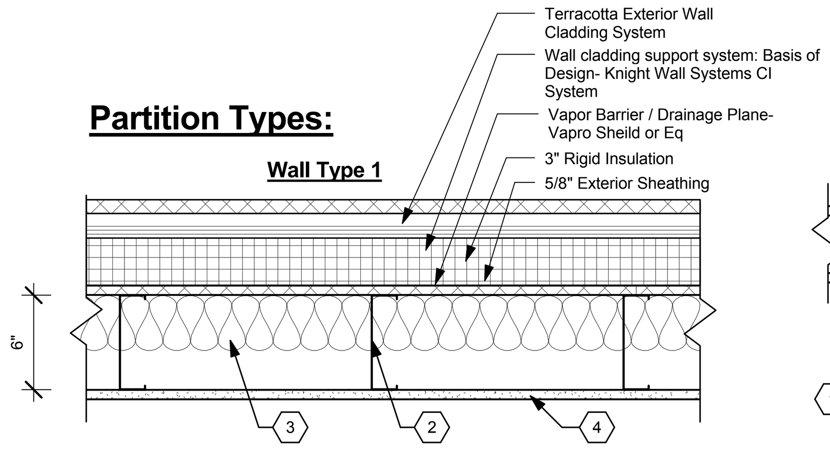
Partition Types:

Wall Type 1



1. **Floor & Ceiling Runners -** (Not Shown) - Refer To Structural Details and Architectural Wall Sections.
2. **Steel Studs- at Min. 16" O.C.** - Refer to Structural Details Architectural Wall Sections and Division 5 Specifications.
3. **Thermal insulation -** Per Architectural Wall Sections and Division7 Specifications.
4. * **4A Wallboard, Gypsum- Full Height to Deck Above -** 1 Layer, Type X, 5/8 in. Thick Gypsum Panels Full Height to Deck Above with Beveled, Square or Tapered Edges, Applied Vertically or Horizontally. Vertical Joints Centered Over Studs and Staggered One Stud Cavity on Opposite Sides of Studs. Horizontal Edge Joints and Horizontal Butt Joints on Opposite Sides of Studs need not be Staggered.
5. **Fasteners-** (Not Shown)- 1 in. Long Spaced 8 in. O.C. when Panels are Applied Horizontally, or 12 in. O.C. when Panels are Applied Vertically.
6. **Joint Tape & Compound-** Vinyl or Casein, Dry or Premixed Joint Compound Applied in Two Coats to Joints and Screw Heads. Paper Tape, Nominally 2 in. Wide, Embedded in First Layer of Compound over all Joints of Outer Panel.
7. **Fire Penetrations-** Contractor to Verify Any/All Penetrations are Fire Sealed/Stopped.
8. **Exterior Sheathing-** 5/8" Sheathing , Per Spec.
9. **Metal Panel System-** Insulated Metal panel System , Per Spec.

*Bearing the UL Classification Mark

Note *
Provide 5/8" Glass Mat Fiberboard on all walls and ceilings in any shower stall or bathing area in lieu of GWB, and 5/8" moisture and mold resistant GWB on the remainder of same room.

Wall Type 1A

Partition Type 1A - Same As Wall Type 1, Except Replace Gypsum with Stucco.

Wall Type 1B

Partition Type 1B - Same As Wall Type 1, Except Furring.

Wall Type 1C

Partition Type 1C - Same As Wall Type 1, Except 1 Hour Fire Rated.

Wall Type 1D

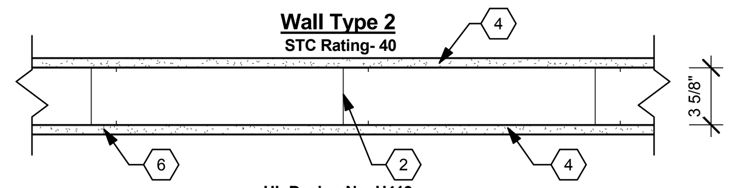
Partition Type 1D - Same As Wall Type 1, Except Replace Studs with 8" CMU Block and Replace Gypsum with Stucco.

Wall Type 1E

Partition Type 1D - Same As Wall Type 1, Except with Terracotta on both sides

Wall Type 2

STC Rating- 40



UL Design No. U419
Non Bearing Wall Rating: 1 Hour Fire & Smoke

1. **Floor & Ceiling Runners -** (Not Shown) - Channel Shaped, Fabricated from Min 20 MSG Corrosion Protected Steel, Min. Width to Accommodate Stud Size, with Min. 1-in. Long Legs, Attached to Floor and Ceiling with Fasteners 24" O.C. Max.
2. **Steel Studs- Full Height to Deck Above -** Channel Shaped, Fabricated from Min. 20 MSG Corrosion Protected Steel, Width Shall be 3-5/8 in., Min. 1-1/4 in. Flanges and 1/4 in. Return, Spaced a Max. of 16 in. O.C. Studs Shall be Cut 3/8 in. to 3/4 in. less than Assembly Height.
3. * **Batts & Blankets-** (Not Shown) - Mineral Wool Batts, Friction Fitted Between Studs and Runners, Batt thickness Shall be Full Depth and Height of Stud Cavity.
4. * **4A Wallboard, Gypsum- Full Height to Deck Above -** 1 Layer, Type X, 5/8 in. Thick Gypsum Panels Full Height to Deck Above with Beveled, Square or Tapered Edges, Applied Vertically or Horizontally. Vertical Joints Centered Over Studs and Staggered One Stud Cavity on Opposite Sides of Studs. Horizontal Edge Joints and Horizontal Butt Joints on Opposite Sides of Studs need not be Staggered.
5. **Fasteners-** (Not Shown)- 1 in. Long Spaced 8 in. O.C. when Panels are Applied Horizontally, or 12 in. O.C. when Panels are Applied Vertically.
6. **Joint Tape & Compound-** Vinyl or Casein, Dry or Premixed Joint Compound Applied in Two Coats to Joints and Screw Heads. Paper Tape, Nominally 2 in. Wide, Embedded in First Layer of Compound over all Joints of Outer Panel.
7. **Fire Penetrations-** Contractor to Verify Any/All Penetrations are Fire Sealed/Stopped.

*Bearing the UL Classification Mark

Note *
Provide 5/8" Glass Mat Fiberboard on all walls and ceilings in any shower stall or bathing area in lieu of GWB, and 5/8" moisture and mold resistant GWB on the remainder of same room.

Wall Type 2A

Partition Type 2A - Same As Wall Type 2, Except Unrated.

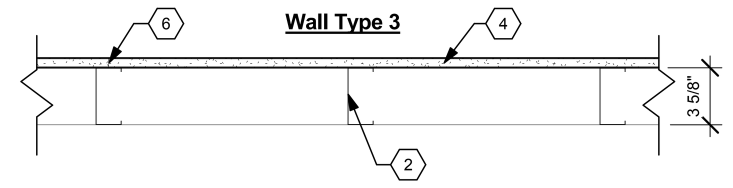
Wall Type 2B

Partition Type 2B - Same As Wall Type 2, Except Smoke Rated Only.

Wall Type 2C

Partition Type 2C - Same As Wall Type 2, Except 1 Hour Rated Only.

Wall Type 3



1. **Floor & Ceiling Runners -** (Not Shown) - Channel Shaped, Fabricated from Min 20 MSG Corrosion Protected Steel, Min. Width to Accommodate Stud Size, with Min. 1-in. Long Legs, Attached to Floor and Ceiling with Fasteners 24" O.C. Max.
2. **Steel Studs- Full Height to Deck Above,** Channel Shaped, Fabricated from Min. 20 MSG Corrosion Protected Steel, Width Shall be 3-5/8 in., Min. 1-1/4 in. Flanges and 1/4 in. Return, Spaced a Max. of 16 in. O.C. Studs Shall be Cut 3/8 in. to 3/4 in. less than Assembly Height.
3. * **Batts & Blankets-** (Not Shown) - Mineral Wool Batts, Friction Fitted Between Studs and Runners, Batt thickness Shall be Full Depth and Height of Stud Cavity.
4. * **Wallboard, Gypsum-** 1 Layer, Type X, 5/8 in. Thick Gypsum Panels Full Height to Deck Above with Beveled, Square or Tapered Edges, Applied Vertically or Horizontally. Vertical Joints Centered Over Studs and Staggered One Stud Cavity on Opposite Sides of Studs. Horizontal Edge Joints and Horizontal Butt Joints on Opposite Sides of Studs need not be Staggered.
5. **Fasteners-** (Not Shown)- 1 in. Long Spaced 8 in. O.C. when Panels are Applied Horizontally, or 12 in. O.C. when Panels are Applied Vertically.
6. **Joint Tape & Compound-** Vinyl or Casein, Dry or Premixed Joint Compound Applied in Two Coats to Joints and Screw Heads. Paper Tape, Nominally 2 in. Wide, Embedded in First Layer of Compound over all Joints of Outer Panel.

Note *
Provide 5/8" Glass Mat Fiberboard on all walls and ceilings in any shower stall or bathing area in lieu of GWB, and 5/8" moisture and mold resistant GWB on the remainder of same room.

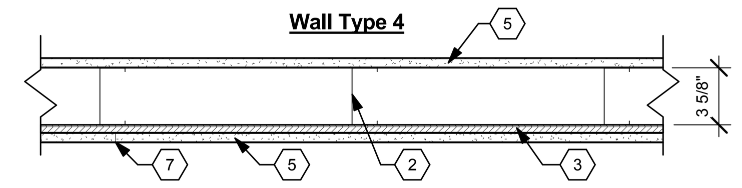
Wall Type 3A

Partition Type 3A - Same As Wall Type 3, Except 1 5/8" Stud Size.

Wall Type 3B

Partition Type 3B - Same As Wall Type 3A, Except Smoke Rated.

Wall Type 4



UL Design No. U419
Non Bearing Wall Rating: 1 Hour Fire & Smoke

1. **Floor & Ceiling Runners -** (Not Shown) - Channel Shaped, Fabricated from Min 20 MSG Corrosion Protected Steel, Min. Width to Accommodate Stud Size, with Min. 1-in. Long Legs, Attached to Floor and Ceiling with Fasteners 24" O.C. Max.
2. **Steel Studs- Full Height to Deck Above,** Channel Shaped, Fabricated from Min. 20 MSG Corrosion Protected Steel, Width Shall be 3-5/8 in., Min. 1-1/4 in. Flanges and 1/4 in. Return, Spaced a Max. of 16 in. O.C. Studs Shall be Cut 3/8 in. to 3/4 in. less than Assembly Height.
3. * **Wood Structural Panel Sheathing -** 15/32 in. Thick Fire Rated Structural 1 Sheathing (Plywood) Complying With DOC PS1 or PS2, or APA Standard PRP-108, Manufactured with Exterior Glue, Applied Horizontally or Vertically to the Steel Studs. Vertical Joints Centered on Studs, and Staggered One Stud Space from Wallboard Joints. Attached to Studs with Flat-Head Self-Drilling Tapping Screws with a Min. Head Diam. of 0.292 In. at Maximum 6 in. O.C.. in the Perimeter and 12 in. O.C.. in the Field. When used, Fastener Lengths for Gypsum Panels Increased by Min. 1/2 in.
4. * **Batts & Blankets-** (Not Shown) - Mineral Wool Batts, Friction Fitted Between Studs and Runners, Batt thickness Shall be Full Depth and Height of Stud Cavity.
5. * **Wallboard, Gypsum-** 1 Layer, Type X, 5/8 in. Thick Gypsum Panels Full Height to Deck Above with Beveled, Square or Tapered Edges, Applied Vertically or Horizontally. Vertical Joints Centered Over Studs and Staggered One Stud Cavity on Opposite Sides of Studs. Horizontal Edge Joints and Horizontal Butt Joints on Opposite Sides of Studs need not be Staggered.
6. **Fasteners-** (Not Shown)- 1 in. Long Spaced 8 in. O.C. when Panels are Applied Horizontally, or 12 in. O.C. when Panels are Applied Vertically.
7. **Joint Tape & Compound-** Vinyl or Casein, Dry or Premixed Joint Compound Applied in Two Coats to Joints and Screw Heads. Paper Tape, Nominally 2 in. Wide, Embedded in First Layer of Compound over all Joints of Outer Panel.
8. **Fire Penetrations-** Contractor to Verify Any/All Penetrations are Fire Sealed/Stopped.

Note *
Provide 5/8" Glass Mat Fiberboard on all walls and ceilings in any shower stall or bathing area in lieu of GWB, and 5/8" moisture and mold resistant GWB on the remainder of same room.

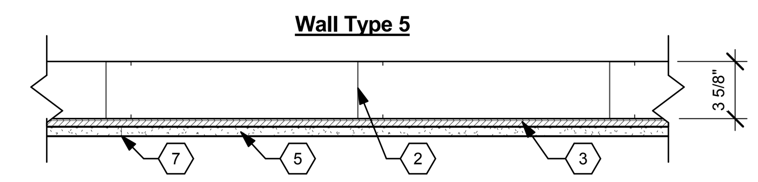
Wall Type 4A

Partition Type 4A - Same As Wall Type 4, Except Unrated.

Wall Type 4B

Partition Type 4B - Same As Wall Type 4, Except Unrated and 6" Stud Size.

Wall Type 5



1. **Floor & Ceiling Runners -** (Not Shown) - Channel Shaped, Fabricated from Min 20 MSG Corrosion Protected Steel, Min. Width to Accommodate Stud Size, with Min. 1-in. Long Legs, Attached to Floor and Ceiling with Fasteners 24" O.C. Max.
2. **Steel Studs- Full Height to Deck Above,** Channel Shaped, Fabricated from Min. 20 MSG Corrosion Protected Steel, Width Shall be 3 5/8 in., Min. 1-1/4 in. Flanges and 1/4 in. Return, Spaced a Max. of 16 in. O.C. Studs Shall be Cut 3/8 in. to 3/4 in. less than Assembly Height.
3. * **Wood Structural Panel Sheathing -** 15/32 in. Thick Fire Rated Structural 1 Sheathing (Plywood) Complying With DOC PS1 or PS2, or APA Standard PRP-108, Manufactured with Exterior Glue, Applied Horizontally or Vertically to the Steel Studs. Vertical Joints Centered on Studs, and Staggered One Stud Space from Wallboard Joints. Attached to Studs with Flat-Head Self-Drilling Tapping Screws with a Min. Head Diam. of 0.292 In. at Maximum 6 in. O.C.. in the Perimeter and 12 in. O.C.. in the Field. When used, Fastener Lengths for Gypsum Panels Increased by Min. 1/2 in.
4. * **Batts & Blankets-** (Not Shown) - Mineral Wool Batts, Friction Fitted Between Studs and Runners, Batt thickness Shall be Full Depth and Height of Stud Cavity.
5. * **Wallboard, Gypsum-** 1 Layer, Type X, 5/8 in. Thick Gypsum Panels Full Height to Deck Above with Beveled, Square or Tapered Edges, Applied Vertically or Horizontally. Vertical Joints Centered Over Studs and Staggered One Stud Cavity on Opposite Sides of Studs. Horizontal Edge Joints and Horizontal Butt Joints on Opposite Sides of Studs need not be Staggered.
6. **Fasteners-** (Not Shown)- 1 in. Long Spaced 8 in. O.C. when Panels are Applied Horizontally, or 12 in. O.C. when Panels are Applied Vertically.
7. **Joint Tape & Compound-** Vinyl or Casein, Dry or Premixed Joint Compound Applied in Two Coats to Joints and Screw Heads. Paper Tape, Nominally 2 in. Wide, Embedded in First Layer of Compound over all Joints of Outer Panel.
8. **Fire Penetrations-** Contractor to Verify Any/All Penetrations are Fire Sealed/Stopped.

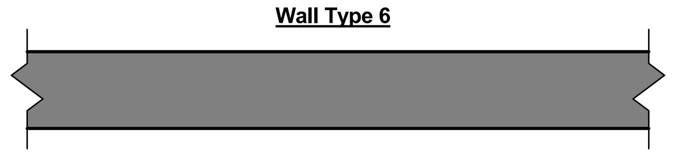
Note *
Provide 5/8" Glass Mat Fiberboard on all walls and ceilings in any shower stall or bathing area in lieu of GWB, and 5/8" moisture and mold resistant GWB on the remainder of same room.

Wall Type 5A

Partition Type 5A - Same As Wall Type 5, Except 6" Stud Size.

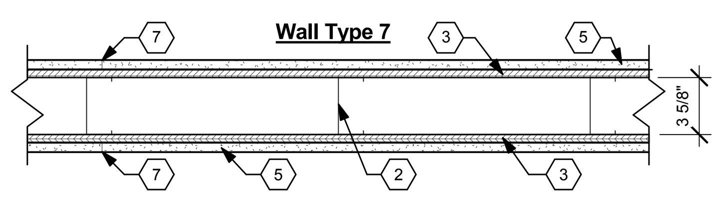
Contractor Shall Ensure an 1 1/2" Air Space Between Existing Walls and Partitions at Expansion Joint Locations.

Wall Type 6



Existing Wall to Remain

Wall Type 7



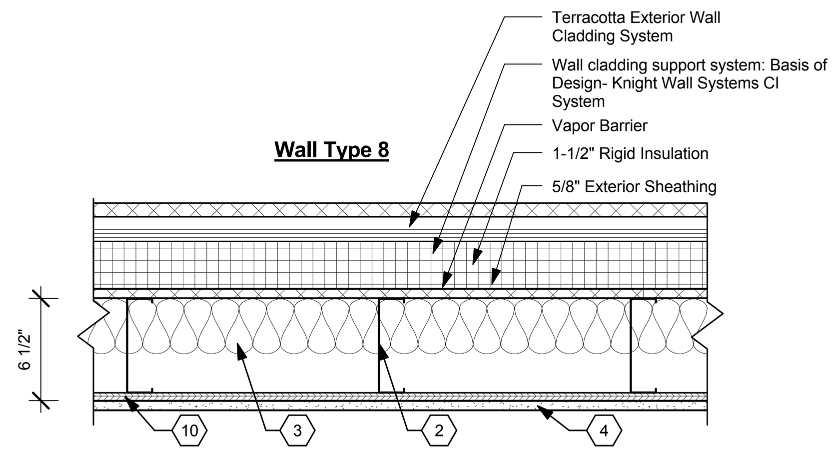
1. **Floor & Ceiling Runners -** (Not Shown) - Channel Shaped, Fabricated from Min 20 MSG Corrosion Protected Steel, Min. Width to Accommodate Stud Size, with Min. 1-in. Long Legs, Attached to Floor and Ceiling with Fasteners 24" O.C. Max.
2. **Steel Studs- Full Height to Deck Above,** Channel Shaped, Fabricated from Min. 20 MSG Corrosion Protected Steel, Width Shall be 3-5/8 in., Min. 1-1/4 in. Flanges and 1/4 in. Return, Spaced a Max. of 16 in. O.C. Studs Shall be Cut 3/8 in. to 3/4 in. less than Assembly Height.
3. * **Wood Structural Panel Sheathing -** 15/32 in. Thick Fire Rated Structural 1 Sheathing (Plywood) Complying With DOC PS1 or PS2, or APA Standard PRP-108, Manufactured with Exterior Glue, Applied Horizontally or Vertically to the Steel Studs. Vertical Joints Centered on Studs, and Staggered One Stud Space from Wallboard Joints. Attached to Studs with Flat-Head Self-Drilling Tapping Screws with a Min. Head Diam. of 0.292 In. at Maximum 6 in. O.C.. in the Perimeter and 12 in. O.C.. in the Field. When used, Fastener Lengths for Gypsum Panels Increased by Min. 1/2 in.
4. * **Batts & Blankets-** (Not Shown) - Mineral Wool Batts, Friction Fitted Between Studs and Runners, Batt thickness Shall be Full Depth and Height of Stud Cavity.
5. * **Wallboard, Gypsum-** 1 Layer, Type X, 5/8 in. Thick Gypsum Panels Full Height to Deck Above with Beveled, Square or Tapered Edges, Applied Vertically or Horizontally. Vertical Joints Centered Over Studs and Staggered One Stud Cavity on Opposite Sides of Studs. Horizontal Edge Joints and Horizontal Butt Joints on Opposite Sides of Studs need not be Staggered.
6. **Fasteners-** (Not Shown)- 1 in. Long Spaced 8 in. O.C. when Panels are Applied Horizontally, or 12 in. O.C. when Panels are Applied Vertically.
7. **Joint Tape & Compound-** Vinyl or Casein, Dry or Premixed Joint Compound Applied in Two Coats to Joints and Screw Heads. Paper Tape, Nominally 2 in. Wide, Embedded in First Layer of Compound over all Joints of Outer Panel.
8. **Fire Penetrations-** Contractor to Verify Any/All Penetrations are Fire Sealed/Stopped.

Note *
Provide 5/8" Glass Mat Fiberboard on all walls and ceilings in any shower stall or bathing area in lieu of GWB, and 5/8" moisture and mold resistant GWB on the remainder of same room.

Wall Type 7A

Partition Type 7A - Same As Wall Type 7, Except 10" Stud Size.

Wall Type 8

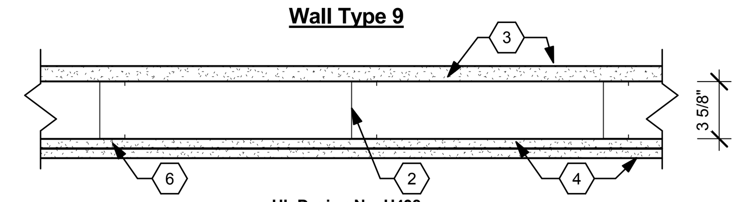


1. **Floor & Ceiling Runners -** (Not Shown) - Refer To Structural Details and Architectural Wall Sections.
2. **Steel Studs- at Min. 16" O.C.** - Refer to Structural Details Architectural Wall Sections and Division 5 Specifications.
3. **Thermal insulation -** Per Architectural Wall Sections and Division7 Specifications.
4. * **4A Wallboard, Gypsum- Full Height to Deck Above -** 1 Layer, Type X, 5/8 in. Thick Gypsum Panels Full Height to Deck Above with Beveled, Square or Tapered Edges, Applied Vertically or Horizontally. Vertical Joints Centered Over Studs and Staggered One Stud Cavity on Opposite Sides of Studs. Horizontal Edge Joints and Horizontal Butt Joints on Opposite Sides of Studs need not be Staggered.
5. **Fasteners-** (Not Shown)- 1 in. Long Spaced 8 in. O.C. when Panels are Applied Horizontally, or 12 in. O.C. when Panels are Applied Vertically.
6. **Joint Tape & Compound-** Vinyl or Casein, Dry or Premixed Joint Compound Applied in Two Coats to Joints and Screw Heads. Paper Tape, Nominally 2 in. Wide, Embedded in First Layer of Compound over all Joints of Outer Panel.
7. **Fire Penetrations-** Contractor to Verify Any/All Penetrations are Fire Sealed/Stopped.
8. **Exterior Sheathing-** 5/8" Sheathing , Per Spec.
9. **Metal Panel System-** Insulated Metal panel System , Per Spec.
10. **Wood Structural Panel Sheathing -** 15/32 in. Thick Fire Rated Structural 1 Sheathing (Plywood) Complying With DOC PS1 or PS2, or APA Standard PRP-108, Manufactured with Exterior Glue, Applied Horizontally or Vertically to the Steel Studs. Vertical Joints Centered on Studs, and Staggered One Stud Space from Wallboard Joints. Attached to Studs with Flat-Head Self-Drilling Tapping Screws with a Min. Head Diam. of 0.292 In. at Maximum 6 in. O.C.. in the Perimeter and 12 in. O.C.. in the Field. When used, Fastener Lengths for Gypsum Panels Increased by Min. 1/2 in.

*Bearing the UL Classification Mark

Note *
Provide 5/8" Glass Mat Fiberboard on all walls and ceilings in any shower stall or bathing area in lieu of GWB, and 5/8" moisture and mold resistant GWB on the remainder of same room.

Wall Type 9



UL Design No. U438
Non Bearing Wall Rating: 2 Hour

1. **Floor & Ceiling Runners -** "J" Shaped runner, 2-1/2" wide with unequal legs of 1" and 2", fabricated from 24 MSG galv steel.
2. **Steel Studs- Full Height to Deck Above,** "C-H" shaped studs, 2-1/2" wide by 1-1/2" deep, fabricated from 25 MSG galve steel.
3. * **Gypsum Board* -** 1" Thick liner panels, supplied in 24" nom. widths.
4. * **Gypsum Board*** — 2 Layers 5/8" thick Gypsum board bearing the UL Classification Marking as to Fire Resistance Full Height to Deck Above with Beveled, Square or Tapered Edges. Applied vertically with joints between layers staggered. Outer layer of 3 layer construction may be applied horizontally unless specified below. The thickness and number of layers and percent of design load for the 45 min, 1 hr, 1-1/2 hr and 2 hr ratings are as follows:
5. **Fasteners-** (Not Shown)- 1 in. Long Spaced 8 in. O.C. when Panels are Applied Horizontally, or 12 in. O.C. when Panels are Applied Vertically.
6. **Joint Tape & Compound-** Vinyl or Casein, Dry or Premixed Joint Compound Applied in Two Coats to Joints and Screw Heads. Paper Tape, Nominally 2 in. Wide, Embedded in First Layer of Compound over all Joints of Outer Panel.
7. **Fire Penetrations-** Contractor to Verify Any/All Penetrations are Fire Sealed/Stopped.

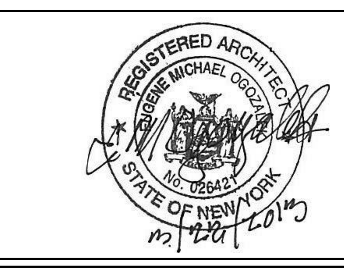
*Bearing the UL Classification Mark

FULLY SPRINKLERED

Revisions:	Date

Architect/Engineer:
willow design
Architecture
SERVICE DISABLED VETERAN OWNED SMALL BUSINESS

Seal:



Drawing Title	Partition Types
Project Title	Expand and Renovate Urgent Care Area - 15E at Castle Point
Date	March 22, 2013
Project No.	620-332
Scale	As Noted
Building Number	15
Checked	Checker
Drawn	Author
Drawing No.	AE-602
Issued For	Final Contract Documents
Location	100 Route 9D Castle Point, NY 12511

Department of Veterans Affairs

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