HOBBS
Vertical ICF Wall System

Advantages of the Hobbs Vertical ICF

The Hobbs Vertical ICF Wall System was developed in 2005 and is distributed throughout North America. The system is a patented "Stay-in-Place" foam form system. Choose either "Contour Wall" or "Flat Wall" concrete core designs. Either version is available in "Exposed Stud" or "Stucco Ready" Panel types. The system design options provide flexibility to meet specific project structural and application requirements. Below is a list of features of each design to assist in determining which Hobbs VICF design is best for your project.

"Contour Wall" Design Version*	Hobbs VICF	Other ICF's
Patented Design = 45% Concrete Savings* (vs. 6" Flat Wall = 45% Savings & 8" Flat Wall = 59% Savings)	✓	
3rd Party Physically Tested for Proven Strength	✓	
Component Engineering Included "By Project" (Component Engineering Provided by Licensed Engineers Where the Project is Located)	✓	
Shop Drawings Included - "By Project"	✓	
+25% More "R" Value - Higher "R" Values Available (As a standard Hobbs VICF = R33* vs. R24)	✓	
Greenest ICF Available (Recycled Content, Knockdown Design Ships Regionally, More Insulation, Labor Savings)	✓	
Strongest Corners w/10.5" Attachment Area (Exposed Stud Version) (20 Ga-Galv. Steel Requires Less Bracing-Any Angle-Assemble w/Sheet Metal Screws)	✓	
Tee Wall Design (Components are Pre-Cut for On-Site Assembly w/Sheet Metal Screws)	✓	
80% Less Corner Bracing Required than Other Vertical ICF's (Typical Wall Heights Only Require (2) 2x4's for Hobbs VICF Saving Material, Time & $)	✓	
Generous 2.5" Flange / Stud Width (Widest Stud Flange of Any ICF for Attachment of Interior and Exterior Finishes)	✓	
Less Labor - See Our Competition Video on Our Website (Working Primarily from the Ground is Safer and Saves Labor)	✓	
No Specialty ICF Bracing Required (ICF Bracing is Compatible, However Not Required with Hobbs VICF Saving $)	✓	
"Virtual Installation Training" @ No Charge (Industry First to Provide "One-on-One" Virtual Training Specific to Your Project)	✓	

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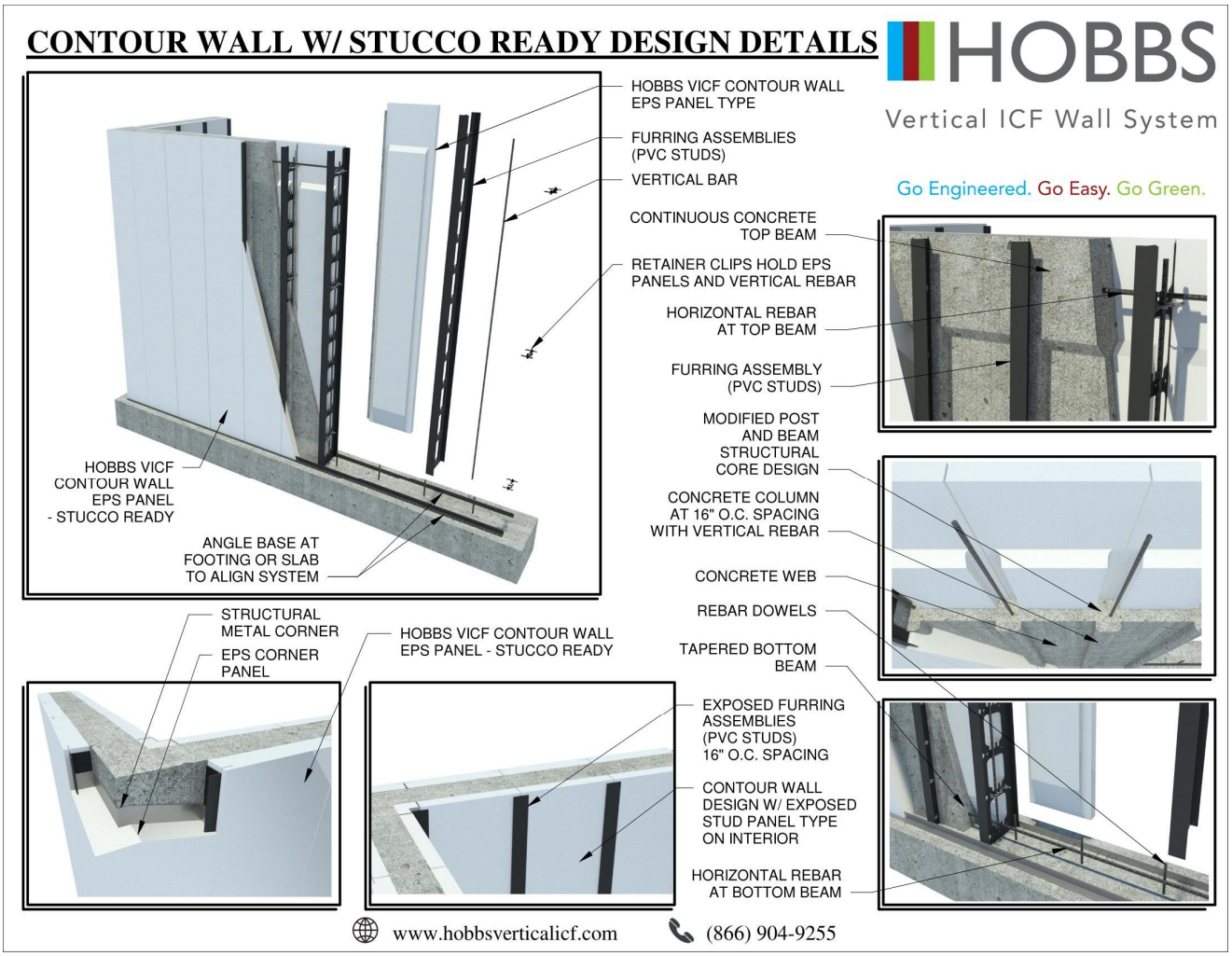

Contour Wall Design

- The “Contour Wall” is a Proprietary “Modified Post and Beam” Design Consists of Thinner and Thicker Sections within the Form
- This Design Saves Concrete without Compromising Strength
- Columns and Furring Assemblies (studs) are Spaced @ 16” o.c.
- Top & Bottom Beams are Continuous throughout the Form
- Concrete Webs Between Columns & Beams Structurally Requires Less Concrete While Providing More Insulation
- Stucco Ready Panel Types: Available in “Stucco Ready” EPS Panels for Direct Applied Exterior Stucco or E.I.F.S. (Furring Assemblies are Hidden within the EPS Panel)
- Exposed Stud Panel Types: Available in “Exposed Stud” EPS Panels. Ideal for Drywall and Siding (Interior or Exterior or Both)
- “Exposed Stud” Version Provides a “Built-In” Drainage Plane Between Siding and Panels Meeting Siding Manufacturers Requirements While Saving Material and Labor
- +R30** Insulation with Flexibility to Add More to Meet Projects “R” Value Target
- EPS Panels Arrive On-Site, Pre-Cut to Specified Wall Height
- Unique Design Utilizes Primarily Vertical Rebar with Horizontal Rebar @ Top & Bottom Beams and Around Windows and Doors
- Vertical Design Eliminates Out-of-level Top of Walls that won’t Bow, Compress or Lift like ICF Blocks.
- Assembles Mostly from the Ground for Faster and Safer Installation
- Pre-Assemble Corners, Tee Walls, and Window and Door Assemblies Off-Site to Stay on Schedule Even with the Most Challenging Job-Site Weather Conditions

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*"Flat Wall" Design Version***

	Hobbs VICF	Other ICF's
Component Engineering Included "By Project" (Component Engineering Provided by Licensed Engineers Where the Project is Located)	✓	
Shop Drawings Included - "By Project"	✓	
Ideal for Heavy-Seismic and High Wind Loading Categories	✓	
Flexibility to Increase "R" Values with Hobbs VICF	✓	
Greenest ICF Available (Recycled Content, Knockdown Design Ships Regionally, More Insulation, Labor Savings)	✓	
Strongest Corners w/10.5" Attachment Area (Exposed Stud Version) (20 Ga-Galv. Steel Requires Less Bracing-Any Angle-Assemble w/Sheet Metal Screws)	✓	
80% Less Corner Bracing Required than Other Vertical ICF's (Typical Wall Heights Only Require (2) 2x4's for Hobbs VICF Saving Material, Time & $)	✓	
Tee Wall Design (Components are Pre-Cut for On-Site Assembly w/Sheet Metal Screws)	✓	
Retainer Clips – No Rebar Wire Tying! (Patented "Retainer Clips" Hold Both Vertical Rebar & Panels)	✓	
Less Labor – See Our Competition Video on Our Website (Working Primarily from the Ground is Safer and Saves Labor)	✓	
Generous 2.5" Flange / Stud Width (Widest Stud Flange of Any ICF for Attachment of Interior and Exterior Finishes)	✓	
No Specialty ICF Bracing Required (ICF Bracing is Compatible, However Not Required with Hobbs VICF Saving $)	✓	
"Virtual Installation Training" @ No Charge (Industry First to Provide "One-on-One" Virtual Training Specific to Your Project)	✓	

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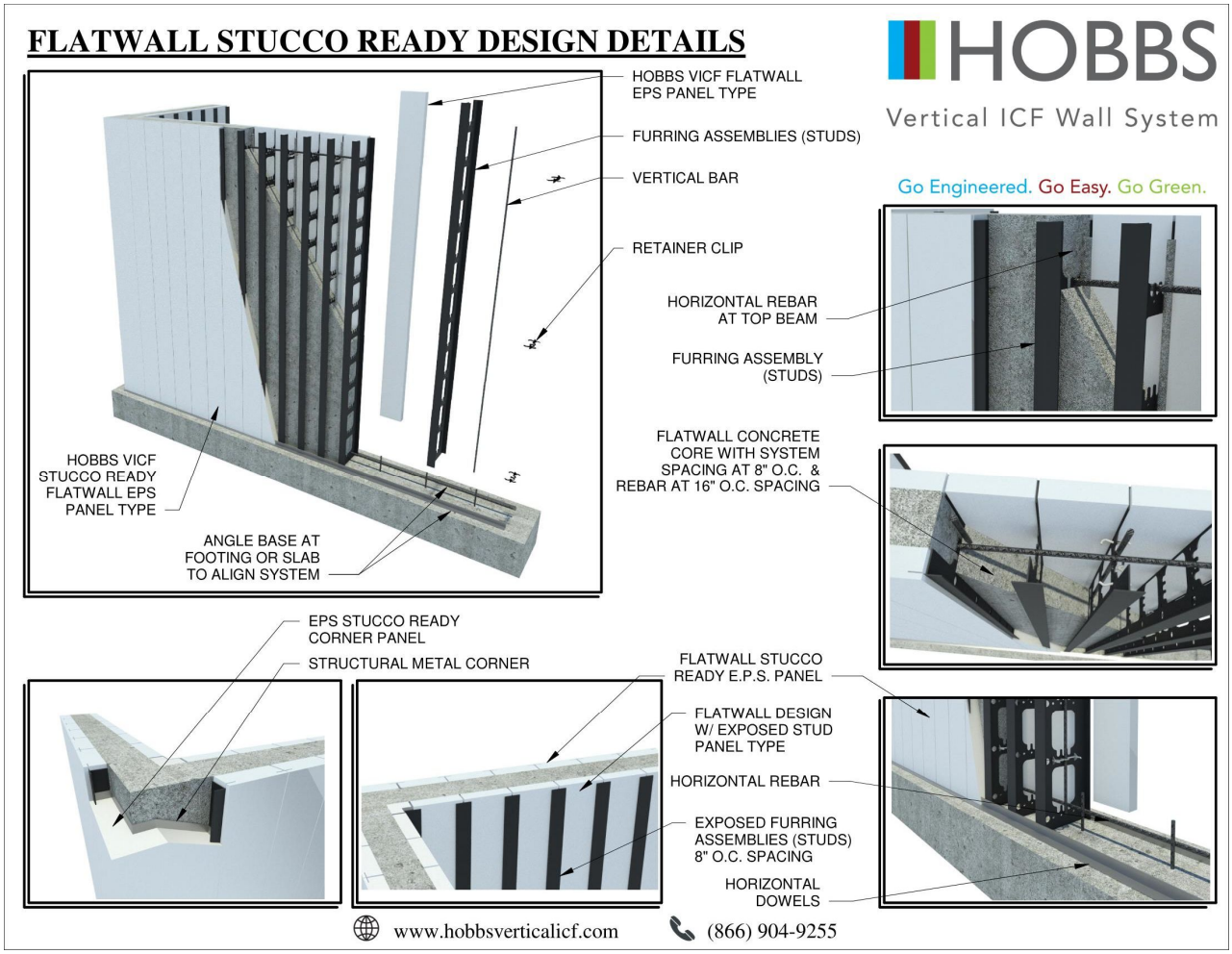

Flat Wall Design Details

- The Flat Wall Design has a Monolithic Uniform Concrete Core Thickness Throughout
- Design is Well Suited for Heavy-Seismic and/or High Wind Loading Categories as it Allows for More Horizontal Rebar
- Choose Panel Types: Available in “Stucco Ready” EPS Panels for Direct Applied Exterior Stucco or E.I.F.S. (Furring Assemblies are Hidden within the EPS Panel)
- Choose Panel Types: Available in “Exposed Stud” EPS Panels. Ideal for Drywall and Siding (Interior or Exterior or Both)
- “Exposed Stud” Version Provides a “Built-In” Drainage Plane Between Siding and Panels Meeting Most Siding Manufacturers Requirements While Saving Material and Labor. Ideal for Various Exterior Siding Products
- Flexibility to Add More Insulation without a Premium Cost
- EPS Panels Arrive On-Site, Pre-Cut to Specified Wall Height
- System Allows Horizontal Rebar Spaced up to 9” o.c.
- Vertical Design Eliminates Out-of-level Top of Walls that won’t Bow, Compress or Lift like ICF Blocks.
- Assembles Mostly from the Ground for Faster and Safer Installation
- 8” o.c. Spaced Vertical Design Installs Fast
- Pre-Assemble Corners, Tee Walls, and Window and Door Assemblies Off-Site to Stay on Schedule Even with the Most Challenging Job-Site Weather Conditions

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*Hobbs Vertical ICF – Contour Wall or Flat Wall Designs vs. Typical ICF’s with “Flat Wall” Core **Net “R” Value w/Contour Wall Varies Slightly Depending on Wall Height and % of Contour Wall vs. Flat Wall on any Given Project. All Information is Subject to Change Without Notice.