BIM-M

The BIM-M Objectives:

• Make Masonry
  • Easier to Design.
  • More Competitive
  • Eliminate Challenges

• Reduce Schedule
• Sell More Masonry
• Make Money
What Does the Masonry Industry Need to Do?

• Get organized!
• Unify Industry
• Standardize
• Focus on 80:20
• Provide Tools:
  • Simplify Design
  • Shop Drawings
  • Reduce RFI, CO
  • Clash Detection
  • Expedite Schedule
  • Reduce Costs
MUD
Masonry Unit Database

The Perfect Acronym
The MUD Goal

- Develop a data structure to:
  - Capture Geometric Data
  - Capture Aesthetic Data
  - Capture Non-Geometric Data

- Facilitate
  - Selection
  - Specifying
  - Purchase
MUD - Organization

**STRUCTURAL MASONRY**
Structural bricks, blocks and components for applications that require strength, flexibility and dependability. Structural units are the foundation, literally and figuratively, for just about every building project in the last century. Choose from many different structural systems and find the right solution for your project here.

**ANCHORED VENEERS**
Anchored systems are used to provide the classic aesthetics and durability of masonry in applications where other structural systems are used. Masonry veneers protect structural materials that would otherwise be degraded from exposure to the elements. Anchored veneers are attached to structural walls in many ways such as steel shelves and suspensions.

**ADHERED SYSTEMS**
Adhered systems are made up of modular units which are designed to be lightweight. These systems are often used in conjunction with other materials and are held to their host surface with mastic or mortar.

**COMING SOON!**
**MUD v. I**

**Data Input**
- Manufacturer
- Supplier
- Data manager
- Trade Association (BIMM)

**Data Storage**
- MUD Data Manager
- BIM-M

**Data Output**
- Client
- Architect
- Engineer
- General Contractor
- Mason contractor

**Central RDBMS**

**MUD Website**
- Product search
- Product preview

**BIM Plugins**
- Product search
- Direct import to Building model
- Input data to other automated plugins (masonry unit to masonry wall)

**Translator**
- Exporting SQL data to Data model schema
- E.g. SQL to XML or IFC

**BIM plugin**
- Manual data input
- Manual data edit

**MUD v. I**
- Manual data input
- Manual data edit
Other MUD Goals

Database - Downstream Basis For

- Future BIM applications
  - Wall Systems Design
  - Clash Detection
  - Shop Drawings
  - Scheduling
  - Maintenance and Repair
  - As-Builts
You will soon be playing in it!