Review: MUD Version 1.0

Input Pages for Parametric Units → Validation → Generic Masonry Units → MUD

Web

Plug-In

Shape Generator

DXF  DGN  RFA

AutoCad Microstation Revit (native)
SketchUp Pro and Tekla Structures (import)
Version 1 Feedback

• We anticipate that the MUD will go live in June
• We encourage our stakeholders to use the MUD website, geometry downloads and Revit plug-in and provide feedback to BIM-M
• We have already solicited and received feedback from our software partners
• Russell will be authoring the RFP for the second version of the MUD, which will be bid in early fall 2017
Version 2: Additional Masonry Systems

- MUD
  - Structural Units
    - CMU
      - 4 inch
      - 6 inch
      - 8 inch
      - ...
    - Clay thru-Wall
  - Anchored Veneers
    - Concrete
    - Clay
      - Standard Modular Norman
      - ...
  - Adhered Veneers
    - Thin Brick
    - Tile
    - Cast Stone
    - Cut Stone
  - Hardscape Accessories
Version 2: Add Custom Unit Geometry

Input Pages for Parametric Units → Validation → MUD

Specification for Modeling Custom Masonry Units → Upload Page: dxf dgn rfa

Web

Plug-In

Shape Generator

Parametric Units

Custom Units

DXF DGN RFA

MUD
Version 2: Implement Custom Units
Version 2: Validate Interoperability with BIM-M Partners
Version 2: Revise Excel Exhibit

- Export format for the entire MUD – generic units only
- Other options include SQL query export and/or export in JSON or XML
Version 2 MUD
Clarify insert points of units for automated propagation
Version 2: Refine Names and Families to Facilitate Searching and Grouping of units

Parent = Stretcher

Child 1: Single Bullnose

Child 2: Double Bullnose Short Side

Child 3: Double Bullnose Long Side
Version 3: Manufacturers' Specific Units

**GENERIC**
- Simple representation for BIM
- You cannot purchase this unit because no supplier is identified
- Physical properties are provided as ranges
- Generic color and texture are provided

**SPECIFIC**
- Includes manufacturing information
- Includes a SKU
- Facilitates the masonry unit marketplace