**Instant Wall  Misc Parameters**

The script takes a selected group as input. The group must contain a line or series of connected lines which may form at most a single closed loop. The script locates arch-spacing, pilasters, steps and/or fence posts at each line break. The number of line breaks may be increased by selecting the ‘Shorten Segments’ or ‘Add Steps’ parameters.

**Slope / Step  All styles can be modeled as sloped or stepped.**

**Add Steps** Attempts to add as many steps as possible based on the “Step Increment” parameter
Drop to Terrain  Sets elevation for bottom of wall and pilasters
For the next 5 model images I started with a
group enclosing 3 connected lines suspended
over a sloped terrain.

Set bottom of pilasters at terrain elevation.

Set bottom of pilasters or wall breaks at input curve
elevation

For retaining walls. Sets beginning and end of wall
at terrain and interpolates a flat slope between them.
**Extend Bottom**  
Option to add depth to wall and pilasters. Required for retaining walls. Often useful for other sloped conditions.

**Additional Depth**

**Shorten Segments**  
Adds intermediate wall breaks and pilasters between and in addition to the breaks in the input curve.
Pilaster Rotation  Several options for pilaster rotations.

1. Pilaster Rotation: Align with Wall
   - Drop to Terrain: Yes, No, End Pts
   - Extend Bottom: Yes, No
   - Shorten Segments: Yes, No
   - Datum for Infill: Plaster, Wall, Grade

2. Pilaster Rotation: Align with Wall
   - Drop to Terrain: Yes, No, End Pts
   - Extend Bottom: Yes, No
   - Shorten Segments: Yes, No
   - Datum for Infill: Plaster, Wall, Grade

3. Pilaster Rotation: Align with Wall
   - Drop to Terrain: Yes, No, End Pts
   - Extend Bottom: Yes, No
   - Shorten Segments: Yes, No
   - Datum for Infill: Plaster, Wall, Grade

4. Pilaster Rotation: Align with Wall
   - Drop to Terrain: Yes, No, End Pts
   - Extend Bottom: Yes, No
   - Shorten Segments: Yes, No
   - Datum for Infill: Plaster, Wall, Grade

5. Pilaster Rotation: Align with Wall
   - Drop to Terrain: Yes, No, End Pts
   - Extend Bottom: Yes, No
   - Shorten Segments: Yes, No
   - Datum for Infill: Plaster, Wall, Grade

6. Pilaster Rotation: Align with Wall
   - Drop to Terrain: Yes, No, End Pts
   - Extend Bottom: Yes, No
   - Shorten Segments: Yes, No
   - Datum for Infill: Plaster, Wall, Grade

7. Pilaster Rotation: Align with Wall
   - Drop to Terrain: Yes, No, End Pts
   - Extend Bottom: Yes, No
   - Shorten Segments: Yes, No
   - Datum for Infill: Plaster, Wall, Grade

8. Pilaster Rotation: Align with Wall
   - Drop to Terrain: Yes, No, End Pts
   - Extend Bottom: Yes, No
   - Shorten Segments: Yes, No
   - Datum for Infill: Plaster, Wall, Grade
Datum for Infill  
Sets baseline height for added posts, rails and infill panels.

Arch Precision  
Number of arch segments

Circle Precision  
Number of circle segments for round posts, pilasters, rails, etc.
Voussoir Parameters

MISC PARAMETERS
- Slope
- Step
- Drop to Terrain? Yes No
- Extend Bottom? Yes No
- Shorten Segments? Yes No
- Max Length
- Arch Precision
- Vousoir Depth
- Vousoir Surface
- Reveal

Vousoir Parameters

MISC PARAMETERS
- Slope
- Step
- Drop to Terrain? Yes No
- Extend Bottom? Yes No
- Shorten Segments? Yes No
- Max Length
- Arch Precision
- Vousoir Depth
- Vousoir Surface
- Reveal

Vousoir Parameters

MISC PARAMETERS
- Slope
- Step
- Drop to Terrain? Yes No
- Extend Bottom? Yes No
- Shorten Segments? Yes No
- Max Length
- Arch Precision
- Vousoir Depth
- Vousoir Surface
- Reveal