CERAMIC SYNTAX

A guide in creating different patterns and textures with the potterbot
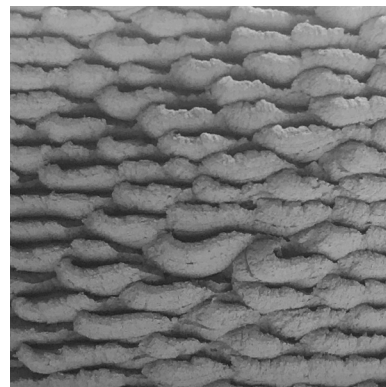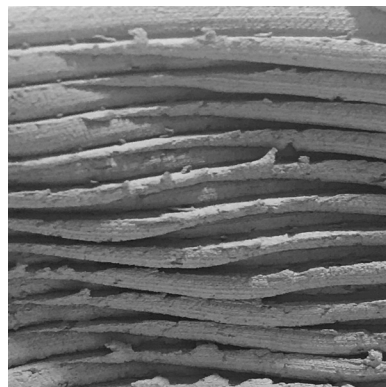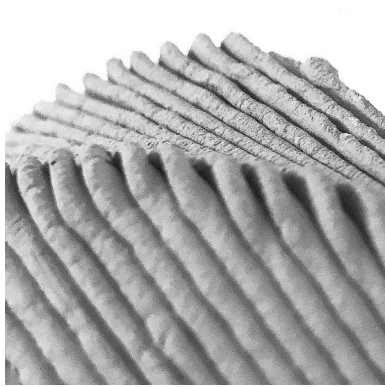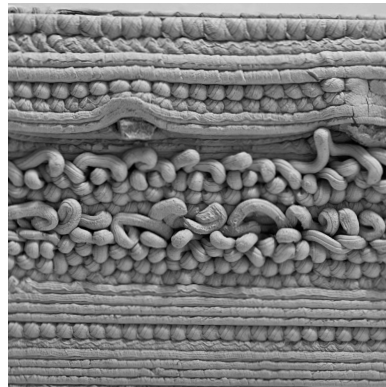
SYNTAX: Plain Weave
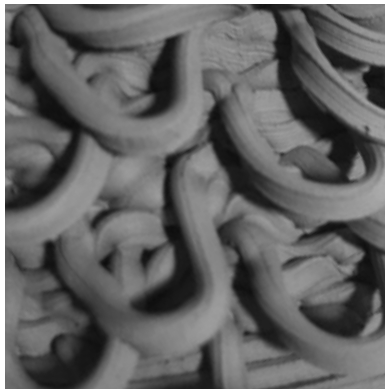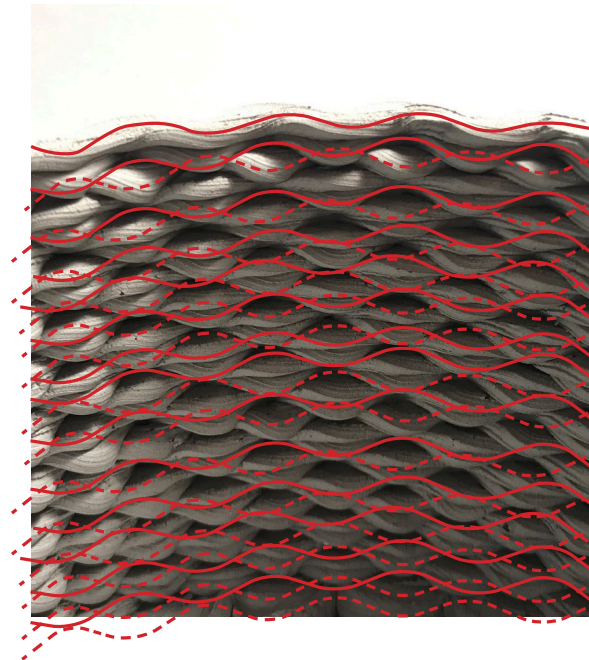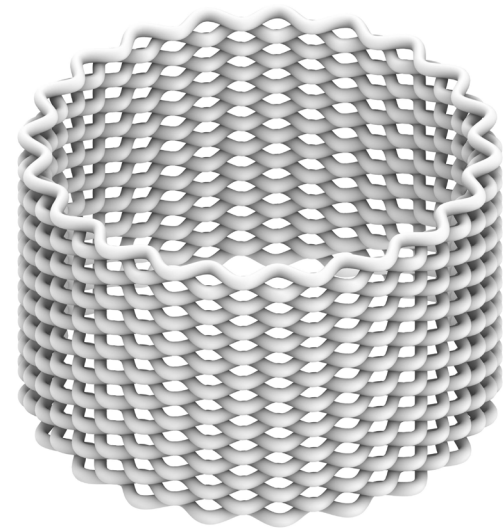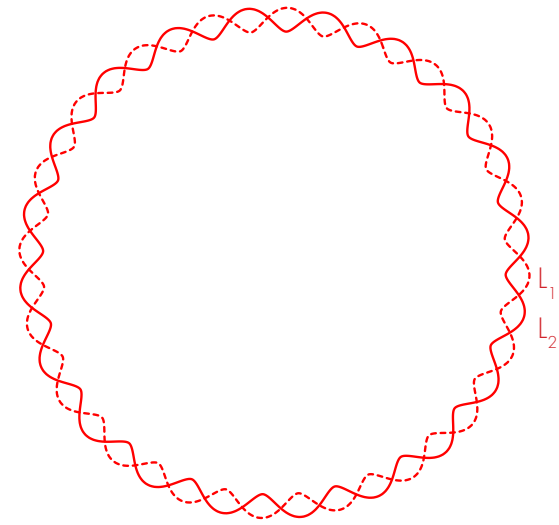

COMMAND 1: Circle
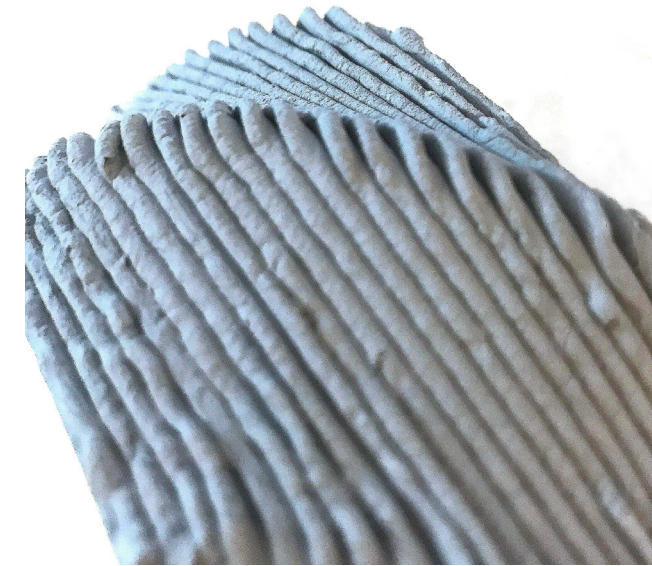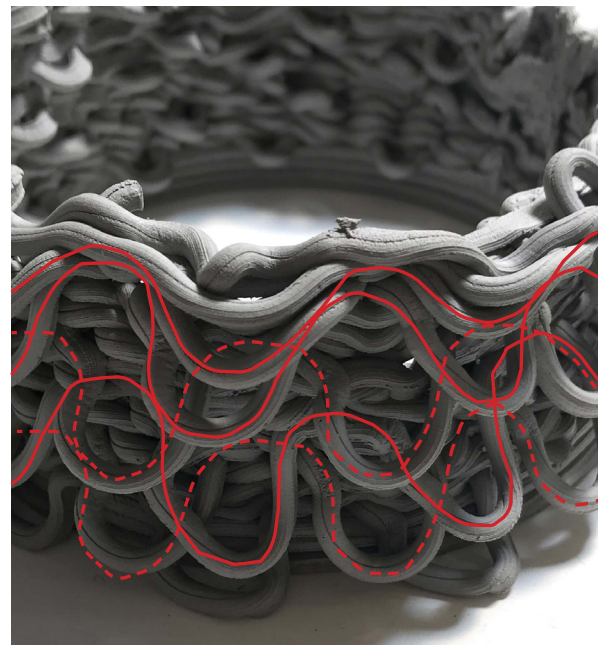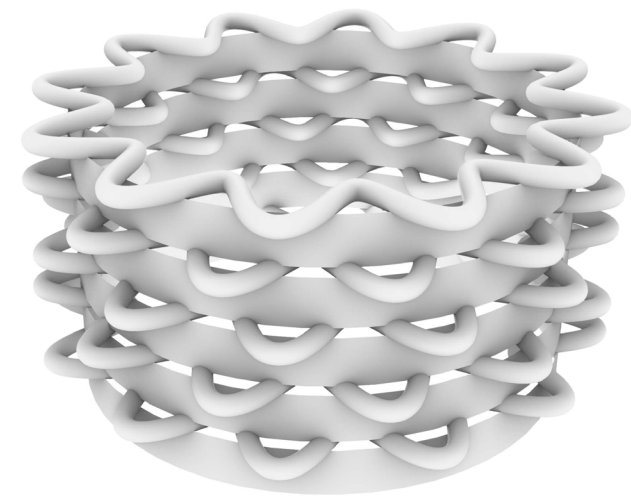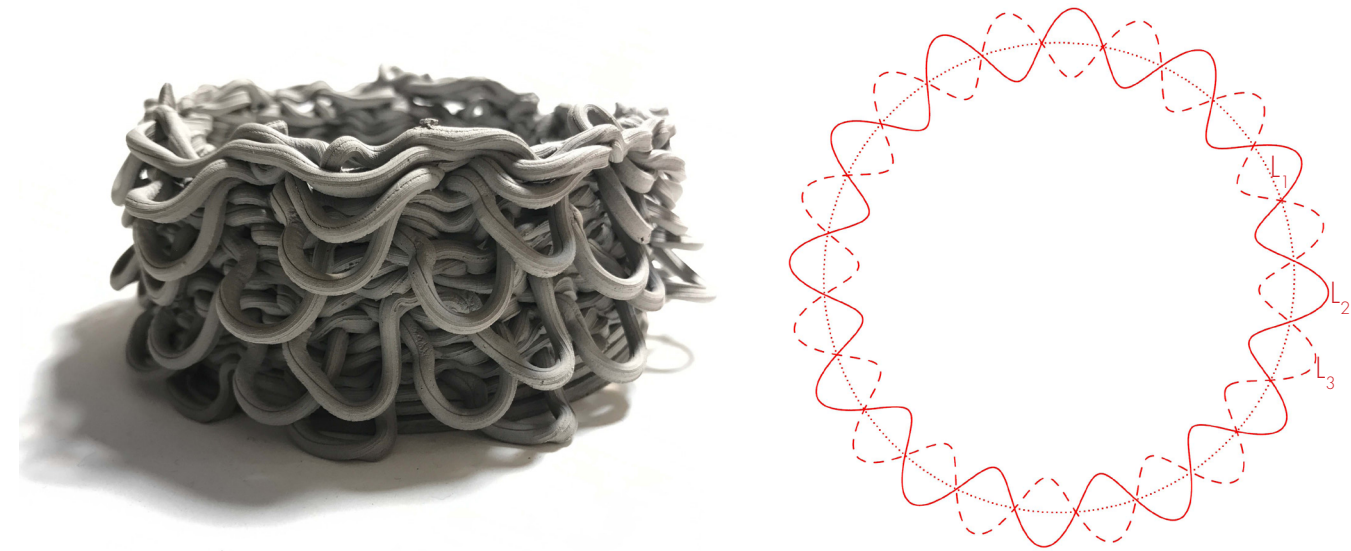COMMAND 2: Helix(small amplitude)-->Around curve
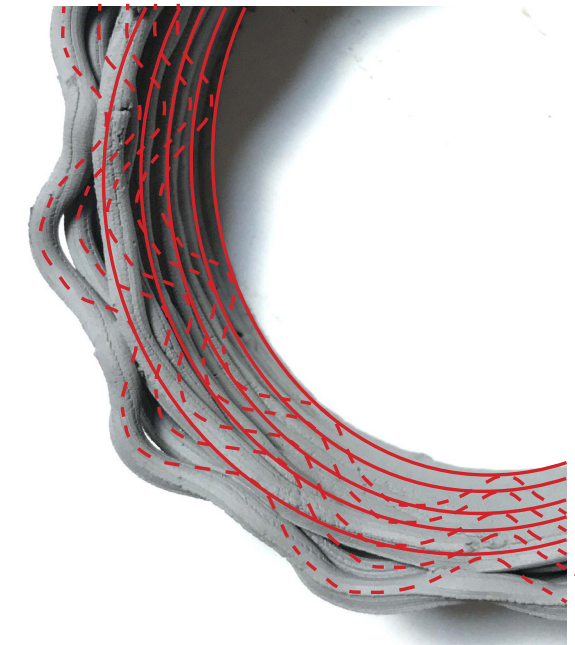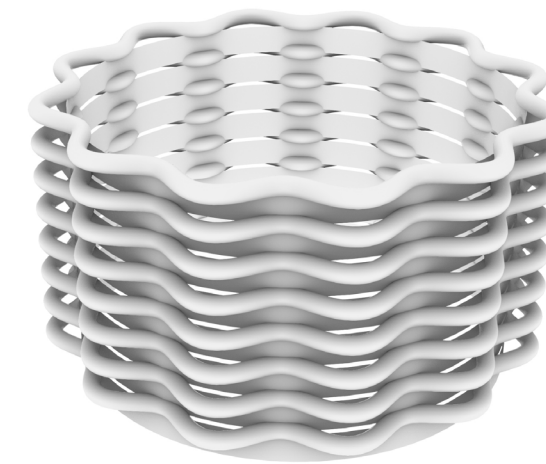COMMAND 3: Project to CPlane
COMMAND 4: Pipe

SYNTAX: Twist
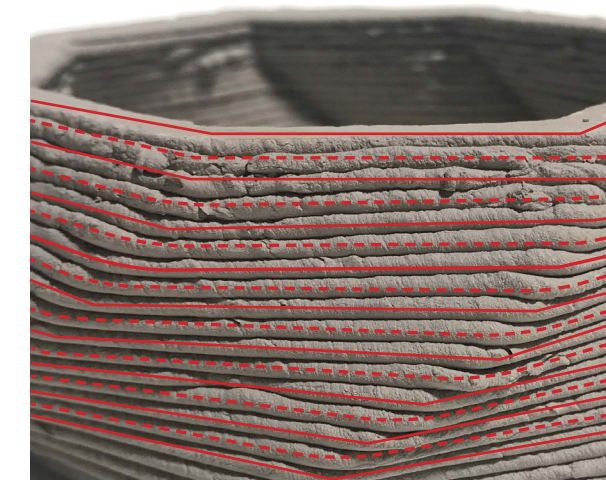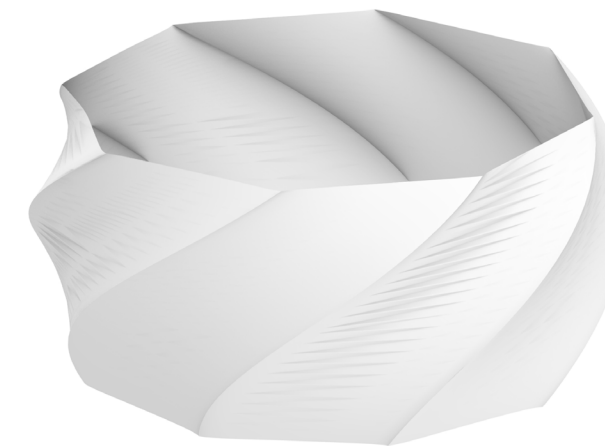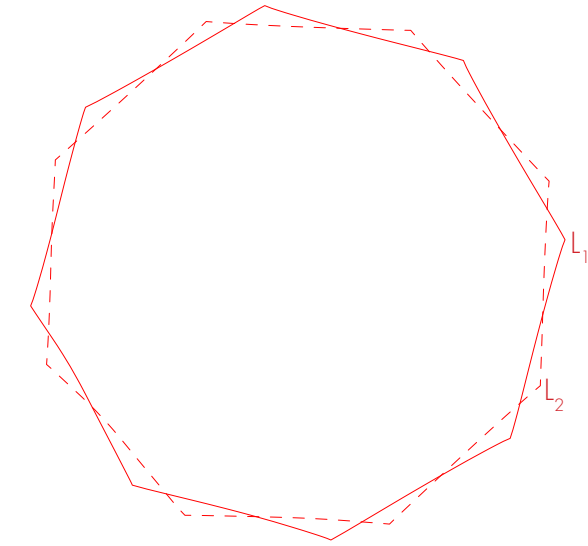
COMMAND 1: Polygon--> Octogon
COMMAND 2: Extrude
COMMAND 3: Twist-->30°

COMMAND 1: Circle
COMMAND 2: Helix (large amplitude)-->Around curve
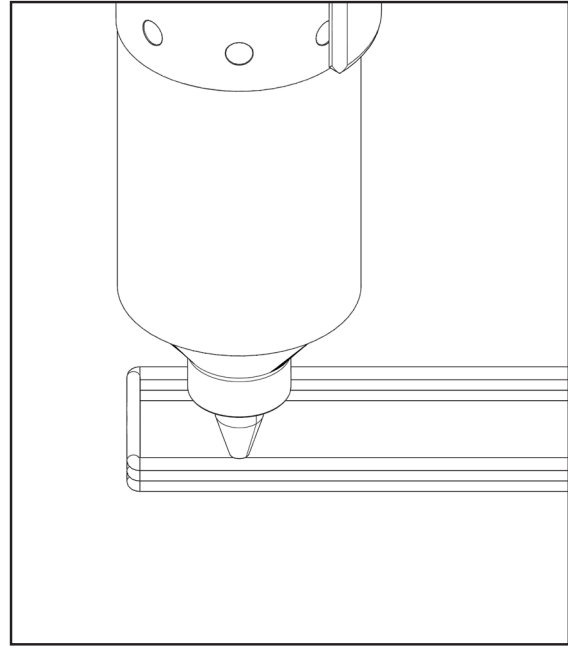COMMAND 3: Project to CPlane
COMMAND 4: Pipe

COMMAND 1: Circle
COMMAND 2: Helix (small amplitude)-->Around curve
COMMAND 3: Project to CPlane
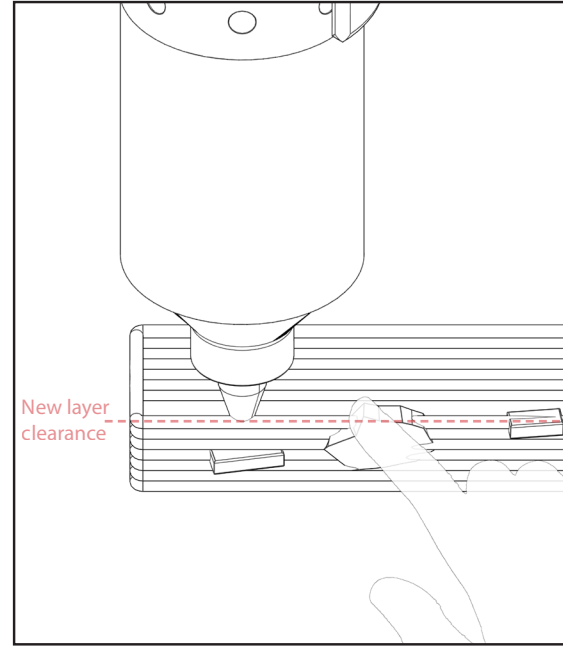COMMAND 4: Offset
COMMAND 5: Pipe
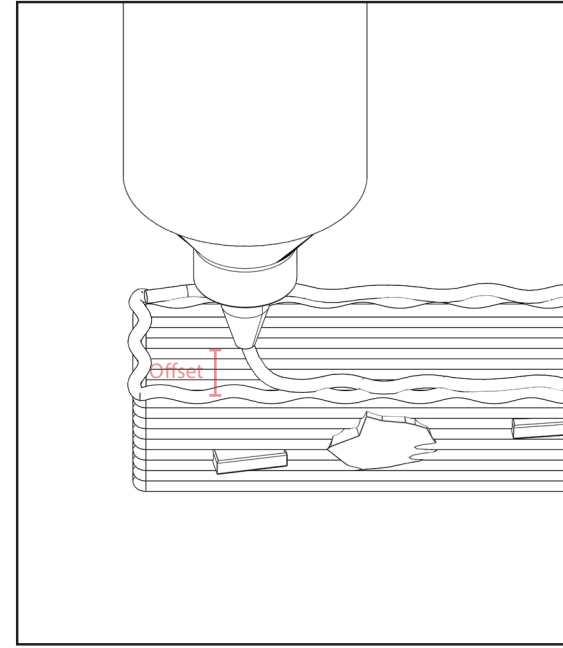
SYNTAX: Embedded

Step 1
Foundation layer

Step 2
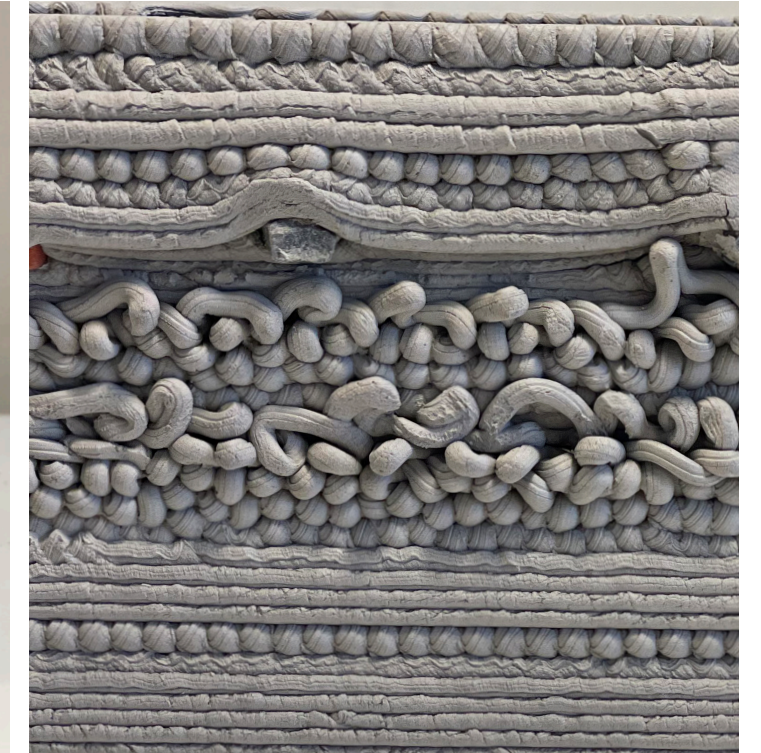#### Embedding found objects

New layer clearance

Found objects embedded into the layers below, below the new layer clearance line.
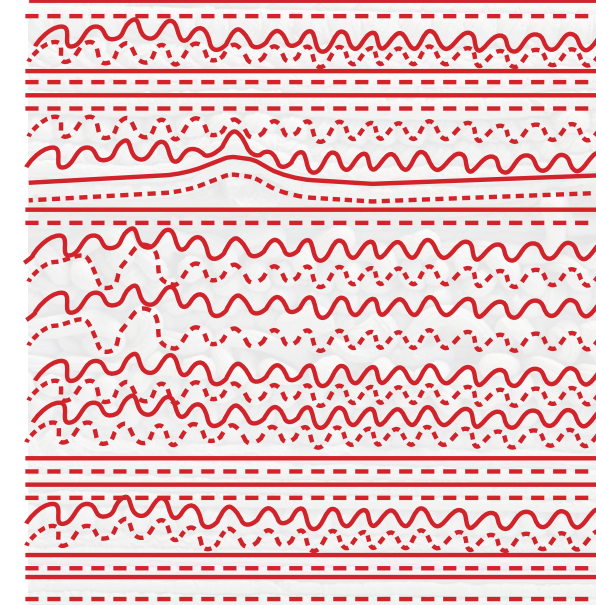
Step 3
Burying found objects
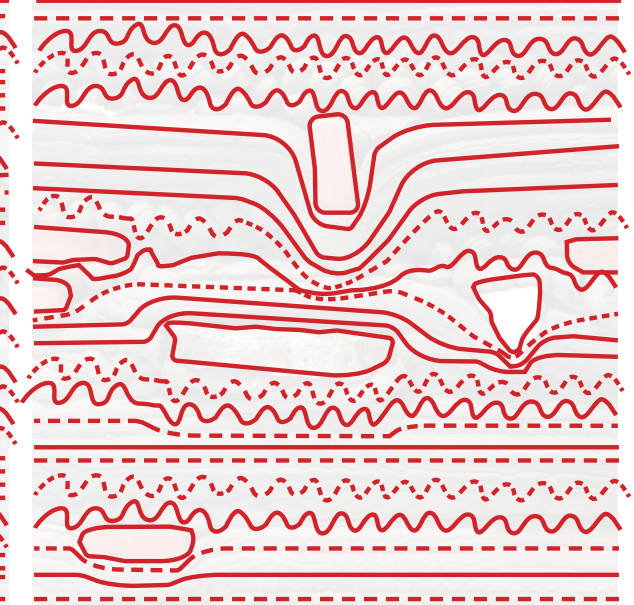

Offset

Nozzle offsetted upwards, extruded clay is laid in a zig zag manner due to the motion of the potterbot.
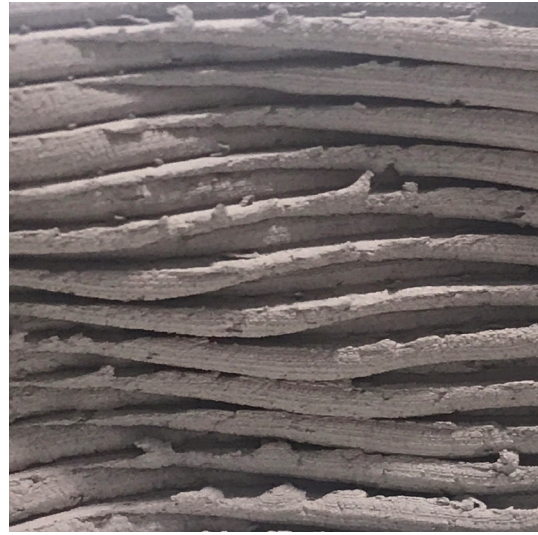

Plain weave façade

Embedded façade

ACCENTS: Nozzle Test

Different nozzles were also used to test 'accents' of the clay extrusions