

## Project Number: 20422

### **BLACK SOLDIER FLY COMPOSTER - HOPPER MANUFACTURING/ASSEMBLY PLANS**

#### **Manufacturing -**

- **HDPE Panels:** Ordered as large sheets, manufacture using CNC Router Table
  - .pdf Layout Files can be found on P20422 EDGE Page (Dimension-less Drawings)

#### **Assembly -**

##### **\*See Frame Assembly Drawing PDF\***

1. Layout all completed panels on a flat surface in their approx. location
2. Choose any (2) adjacent panels and loosely assemble/adhere them using a food-safe sealant
3. Bend an appropriately sized piece of sheet-metal for the selected seam using a sheet metal brake
4. Once bent to match the angle, use a hand drill to add  $\frac{1}{4}$  - 20 clearance holes every ~3" along the seam
5. Using  $\frac{1}{4}$  - 20 nuts and bolts, assemble the two panels together
6. Repeat (Steps 2-5) until fully assembled