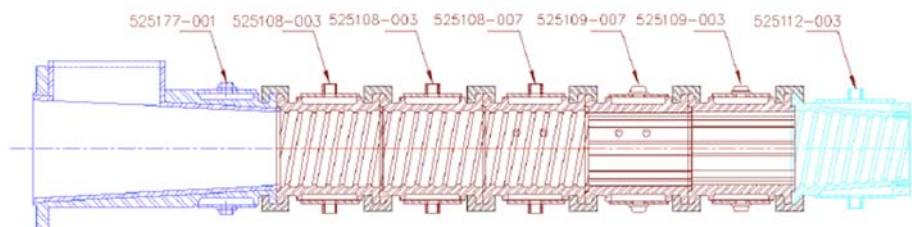
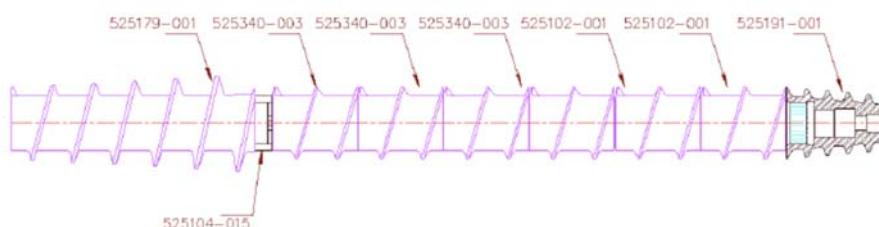


**Figure S1.** 16x72 DDC preconditioner configuration used to produce FB0, FB10, FB20 and FB30 diets.

#### Extruder Heads



#### Extruder Rotating Elements



**Figure S2.** Extruder barrel configuration used to produce experimental diets.