



Collision Silos are available in various sizes from  
4.29t to 34.75t.  
Item shown is for example only.

**Bill of materials:**


- ① Collison's Agri Silo
- ② Herz BioFire wood chip/pellet boiler
- ③ Removable ash bins
- ④ ID fan/Cyclone grit arrester
- ⑤ Chimney riser
- ⑥ Buffer tank

**Supporting documentation:**

- RE Flue design guide
- RE buffer tank specification sheet
- RE buffer tank control description and sizing guide
- Boiler data sheets
- Cyclone grit arrester data sheet
- Wiring diagrams
- RE Hydraulic schematics
- RE design details
- RE Chip fuel store design guide
- RE Pellet hopper design guide

Plinths are not required for the boilers or cyclone, provided  
there is adequate protection against flooding

Rural Energy provides this drawing for the purposes of  
locating the heating system and ancillary equipment, but  
takes no responsibility for the design of the fuel store or  
the plant room in any respect

 Clearance for maintenance

Drawing Name

**EXAMPLE LAYOUT**  
Biomass Boiler.  
Pellets Rigid auger, Collison's agri silo

Boilers

**Herz BioFire 600kW/800kW**

Drawing Number

**RE-036-600-800.V1**

Scale @ A1

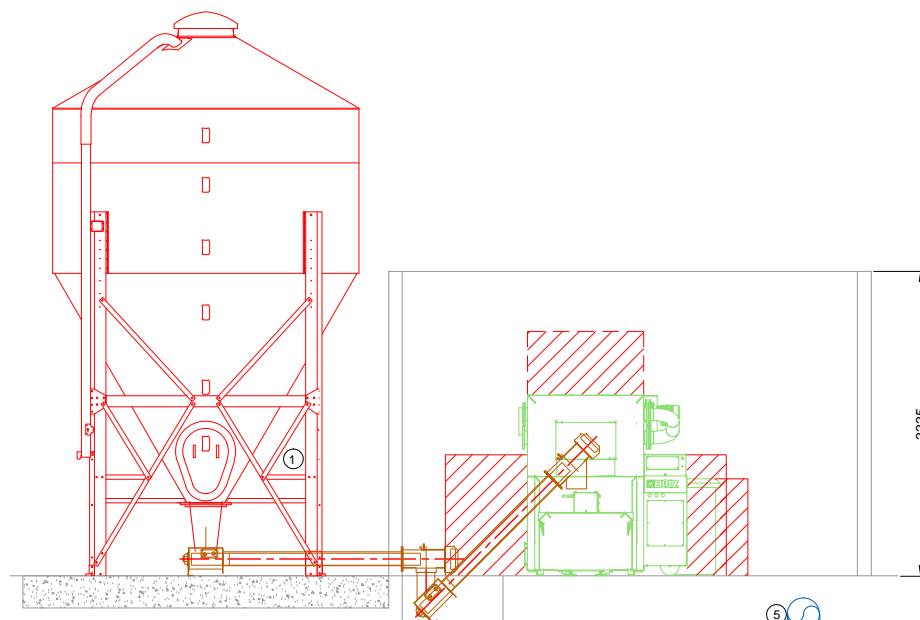
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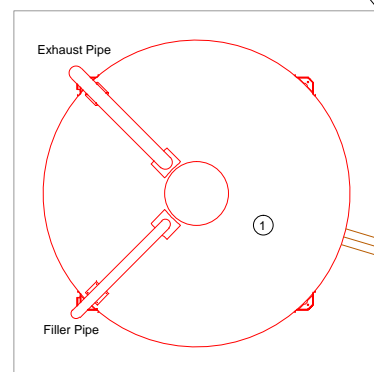
Date

**09.04.12**



**Sectional View**

note: Auger can deliver fuel to the  
boiler from any direction



**Plan View**

See Buffer Spec Sheet  
for details

Minimum clear access  
W 1800mm / H 2275mm