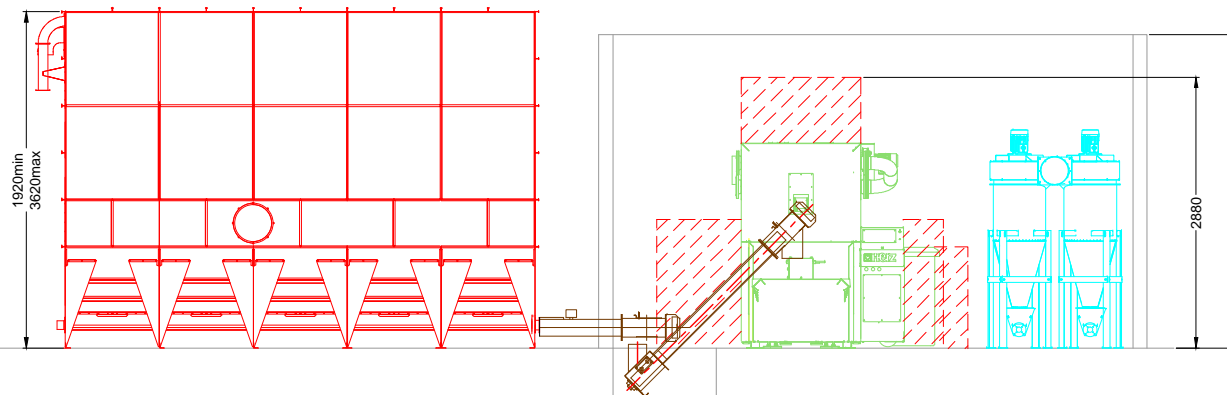


**Plan View**



**Sectional View**

**Bill of materials:**

- ① MAFA Modular Silo
- ② Herz BioFire wood chip/pellet boiler
- ③ Removable ash bins
- ④ ID fan/Cyclone grit arrestor
- 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 arrestor 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.  
Chip & Pellets, Rigid auger, MAFA modular Silo**

Boilers  
**Herz BioFire 1000kW**

Drawing Number  
**RE\_038-1000.V1**

Scale @ A1  
**nts**

Designed by  
**PM**

Date  
**09.04.12**