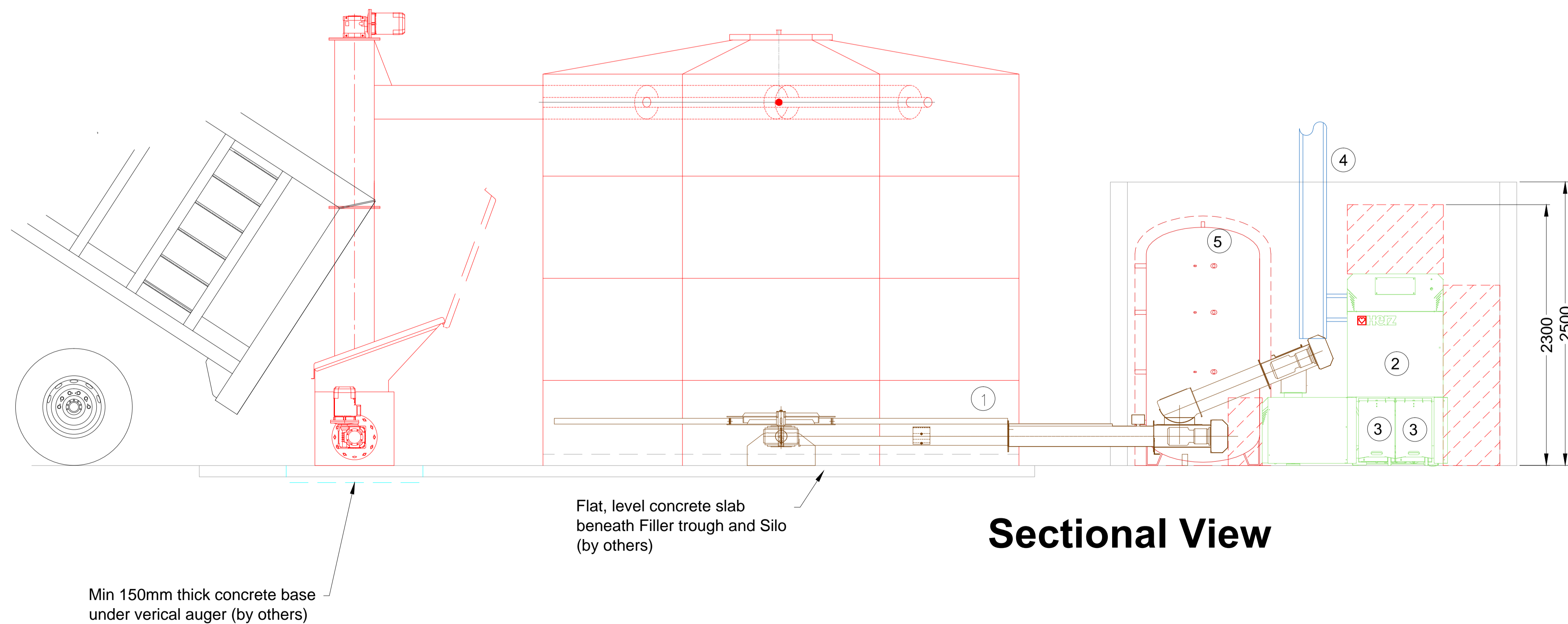


**Plan View**



**Sectional View**

**Bill of materials:**

- ① Octagonal hopper with Spring agitator fuel feed system
- ② Herz FireMatic wood chip/pellet boiler
- ③ Removable Ash Bin
- ④ Chimney riser
- ④ 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**  
Firematic Boiler.  
Chip & Pellets, spring agitator,  
Octagonal hopper (above Grd) Vertical  
Auger

Boilers  
Herz FireMatic 80kW/100kW

Drawing Number  
RE\_023-80-100.V1

Scale @ A1  
nts

Designed by  
PM

Date  
15.09.2010