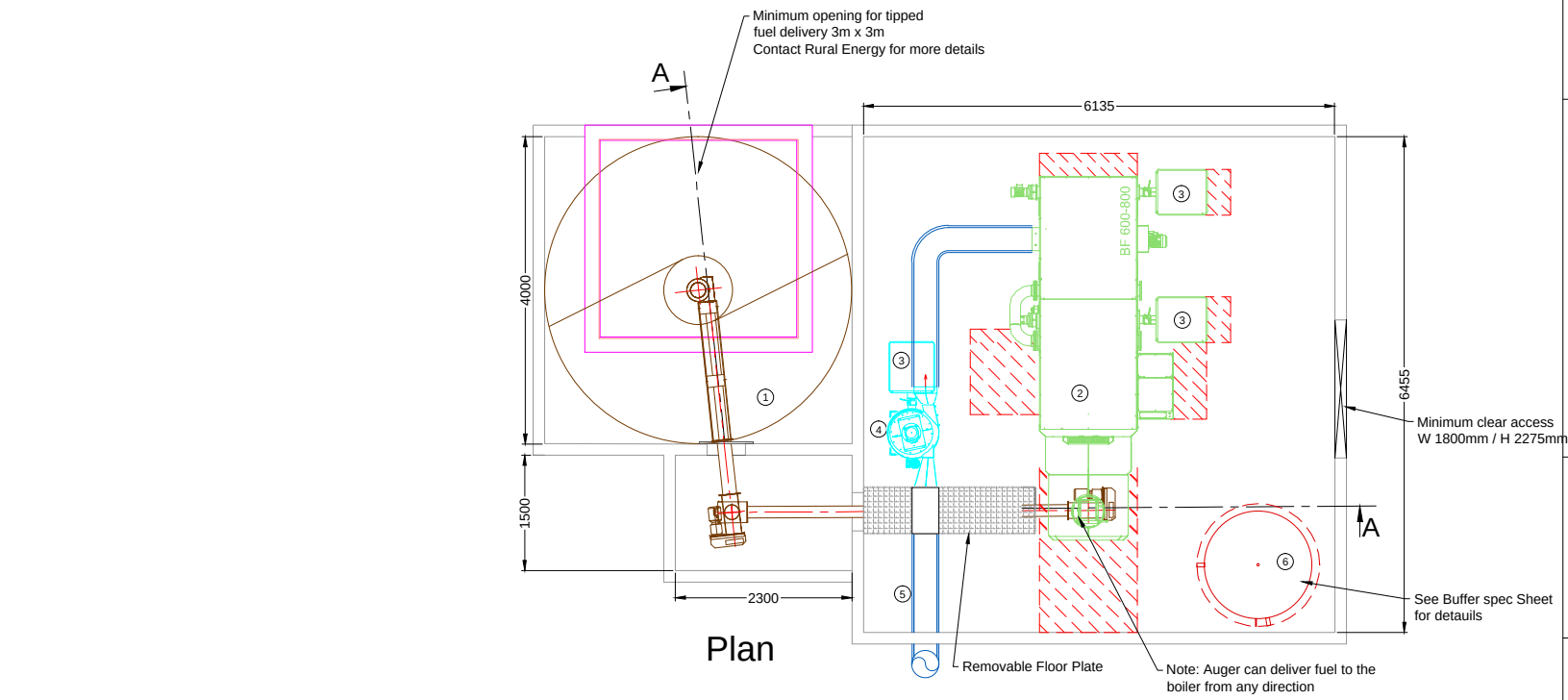
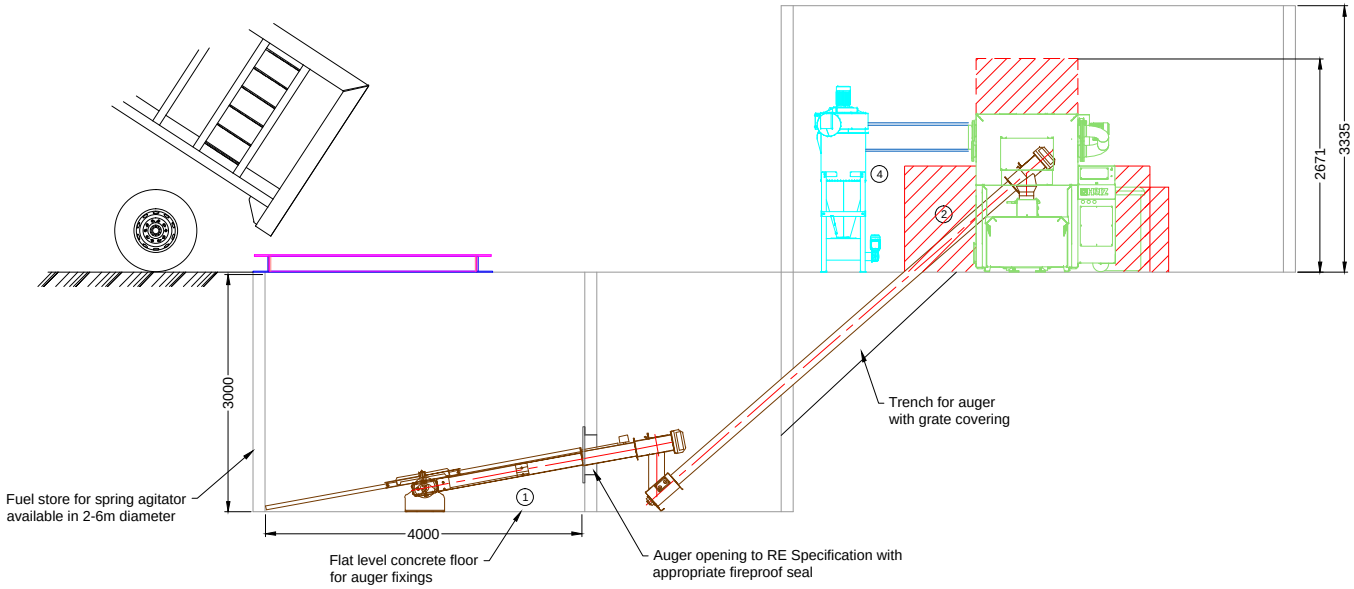


Plan



Sectional Elevation A-A

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This is not a controlled document.
This drawing is for illustration purposes only. Please contact Rural Energy if you wish to discuss the design details.

Bill of materials:

1. Spring agitator fuel feeding system
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
Chips & Pellets Below Ground Bunker

Boilers

Herz BioFire 600-8000kW

Drawing Number	Date
RE_033-600-800.V1	15.03.12