

Marlow Care Home, Marlow, Bucks

Consultant

- ABCE UK

Client

- LLJ Limited

Sector

- Healthcare

Products

- DWhp

Equipment

- Broag boiler & A.O Smith
water heaters

Application

- High Efficiency Condensing



Front Entrance



Boiler Room Flue



Rooftop flue terminations

New £20 Million Signature Care Home for Marlow is nearing completion. Signature Senior Lifestyle is finalising construction of a new care home located on Little Marlow Road in Marlow, Buckinghamshire. The Marlow care home comprises 57,000sq ft of floor space set over three storeys within extensively landscaped gardens.

The new heating system comprises of a new gas fired boiler and two new water heaters, all located in the basement boiler house. The twin wall fire rated flue systems rise through the three storey building approx 14m, exit flat roof and offset to the taller structure terminating 1m above to comply with the Clean Air Act Memorandum.



Installation of External Flues

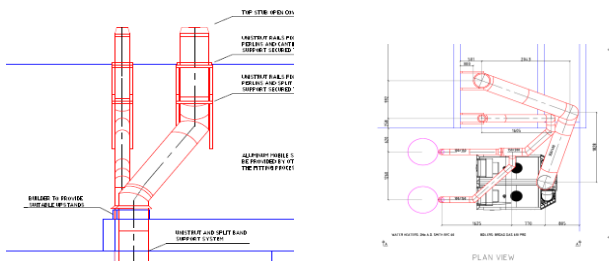


Flues within Riser

- Boiler: Broag
- Model: 610-8
- Water Heater: A.O Smith
- Model: BFC60
- Application: Chimney / Flue system
- Operating mode: Wet
- Pressure: positive pressure
- Working pressure: 150 Pa (product will operate 300pa max)
- Inner wall: 316L1.4404/1.457 thickness 0,6 mm
- Outer wall: 304/ 1.4301 thickness 0,5
- Insulation: 30mm thick Rockwool insulatio
- Sealant : Tri-lip 'o' type silicone ring
- Fuel type: Gas

• ***Other Application our Flues can be used:***

- Condensing boilers
- Atmospheric gas-fired boilers
- Gas blown boilers
- Industrial ovens, large-scale establishments
- Wood-fired stoves



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Project drawings

