

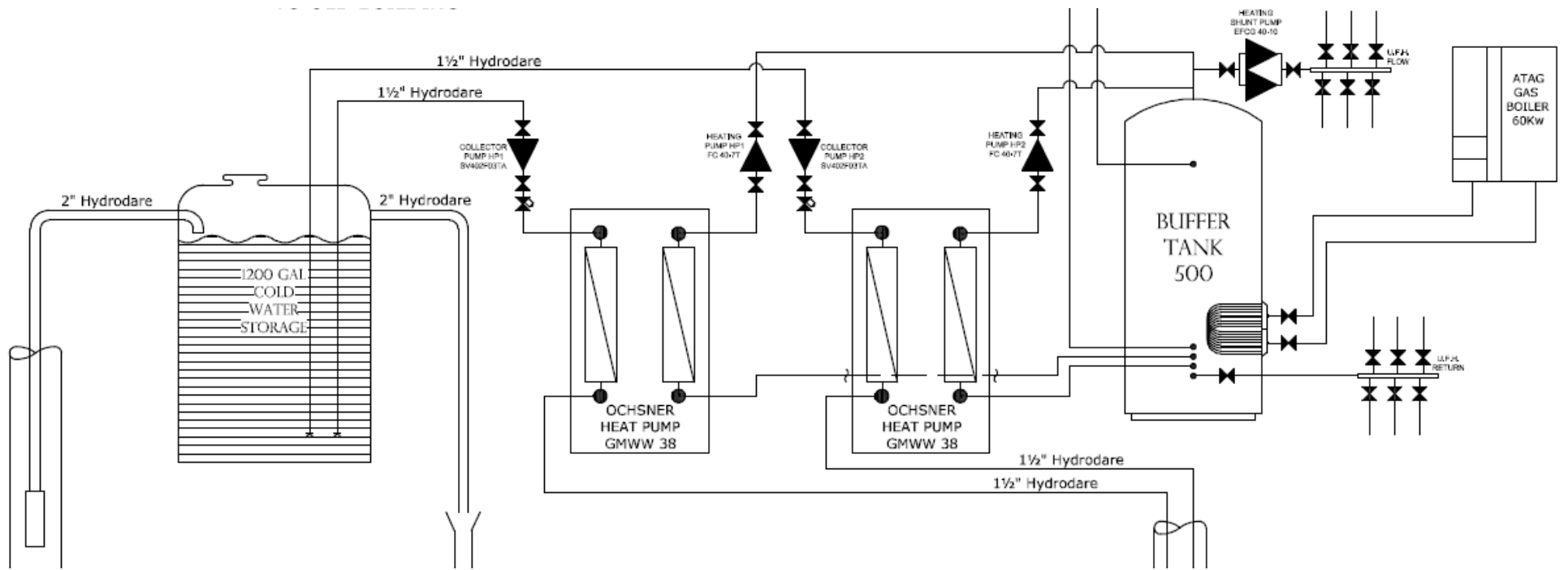
Borris Nursing Home Geothermal Installation

Owners James and Helen O'Keefe
Installer – Gerard Duffy Eurotech













Summary of relevant stats

Heated Area – 914m²

Open loop pump flow rate –3.8 to 5.5l/s

Depth of wells 60m with water table at 12m

Temp of water Winter 9.9/7.1, summer 12.4/11.3°C

Size of heatpumps – 2 * 37kW

Hours of operation – 3,276 hours/year

Energy Savings excl VAT- €17,141

Carbon Dioxide Savings – 42.291tonnes / year

Simple Payback – 2 years 4 months

Improved level of comfort for residents and staff

The Geothermal Association of Ireland presents the winner of the 2013

Brecan Mooney Award

*for excellence in Geothermal Energy Transfer Systems in the category
of Open Loop, Smaller than 100kW thermal capacity, to*

Borris Lodge Nursing Home

Borris, Co. Carlow

Presented on Wednesday 13th November 2013, for an

*energy efficient, high quality geothermal heating system
completed in August 2007 which succeeds in providing a
controlled, stable & comfortable indoor environment with
low associated energy, cost & CO₂ emissions.*

John Eurgess - Chair of the GAI

Robin Curtis, Geoscience Ltd. Independent Adjudicator from UK