High Performance Solar Thermal – hot water

- Replace two inefficient existing gas fired water heaters which feed both up/down duplex units
- Install 4 Buderus solar thermal panels
- Install new 120 gallon solar thermal tank with heat exchanger to supply hot water for both units
- Remove existing chimney to allow for new piping and panels
- System will supply over 80% domestic hot water year-round

HTP Energy Efficient Boiler 97% Efficient

- Replace two inefficient existing gas fired gravity boilers serving both up/down duplex units
- Existing boilers were 30% over sized and approximately 60% efficient
- Install 1 new Heat Transfer Products Boiler to serve both units
- Direct vent System will vent out the side of house and consume out side air for combustion
- Condensing – modulating gas valve with 6-1 step down ratio for optimized ultra efficient natural gas consumption
- Side arm water heating support for solar thermal system during extended days of overcast