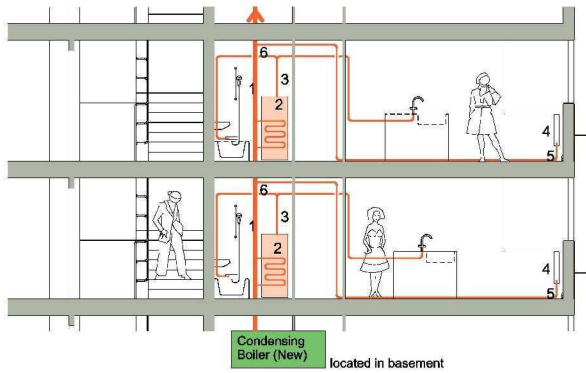
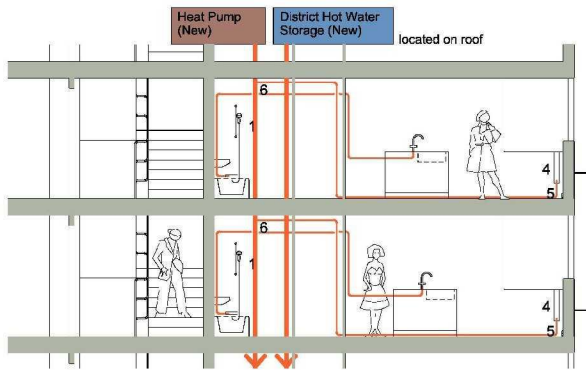


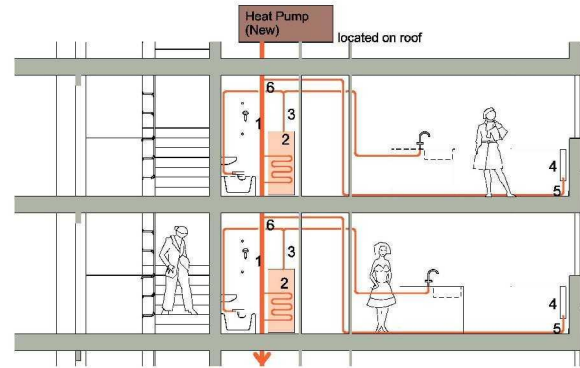
## Option A - New Boiler in Basement



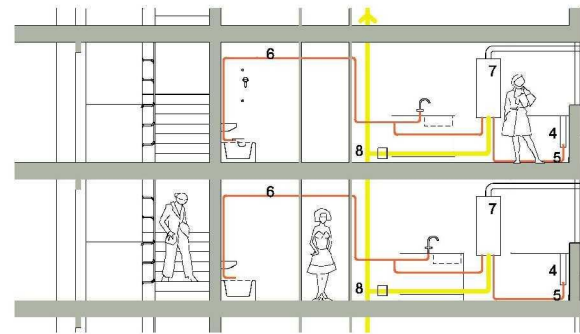
## Option B2 - Gas Fired Heat Pump with Central Storage



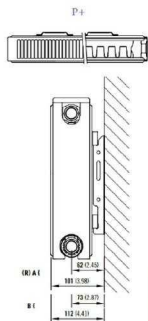
## Option B1 - Gas Fired Heat Pump with Local Storage



## Option C - Combi-Boiler

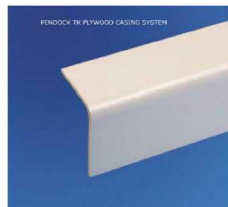


**LEGEND**  
1. Supply - Existing Pipework 2. New Hot Water Cylinder 3. Hot Water for Kitchen & Bathroom 4. New Radiators 5. New Heating Pipes Covered 6. Space Heating - Circuit Separate 7. New Combi-Boiler 8. Gas Pipework



### 4. RADIATORS

Steirad Compact radiators, assume same width as existing radiators for sake of appearance, height assume 600 mm.

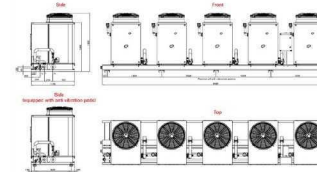


### 5. PERIMETER PIPEWORK DETAIL

KCTMO use Pendock profiles to box in heating pipework. This would be installed at low level.

### CENTRAL GAS BOILER

New Condensing Gas Boiler to serve Grenfell Tower to be located in the main basement plant room.



Length: 6400  
Width: 1265  
Height: 1050

B1 & B2  
GAS ABSORPTION HEAT PUMPS  
Roof Mounted



### B2

CENTRAL DOMESTIC HOT WATER STORAGE (Roof top Plant Room)

Likely to be four 3000 litre calorifier to be located in the rooftop plant room.  
Dimensions: 2900mm high by 1200mm wide.  
Total water storage capacity 12m³



### 7.

COMBINATION BOILER

The boiler will be mounted on the kitchen wall a minimum of 1m from the external facade.



HEATING CONTROLLER (KCTMO Standard)

Honewell cordless room thermostat Y6630D analogue wireless room thermostat.

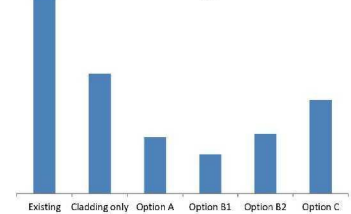


### 2.

HOT WATER STORAGE

This unit would replace the current hot water storage tank that is located near the main riser in each flat.

### Approximate Tenant Energy Costs



## GRENELL TOWER REGENERATION PROJECT

HEATING OPTIONS  
SK032