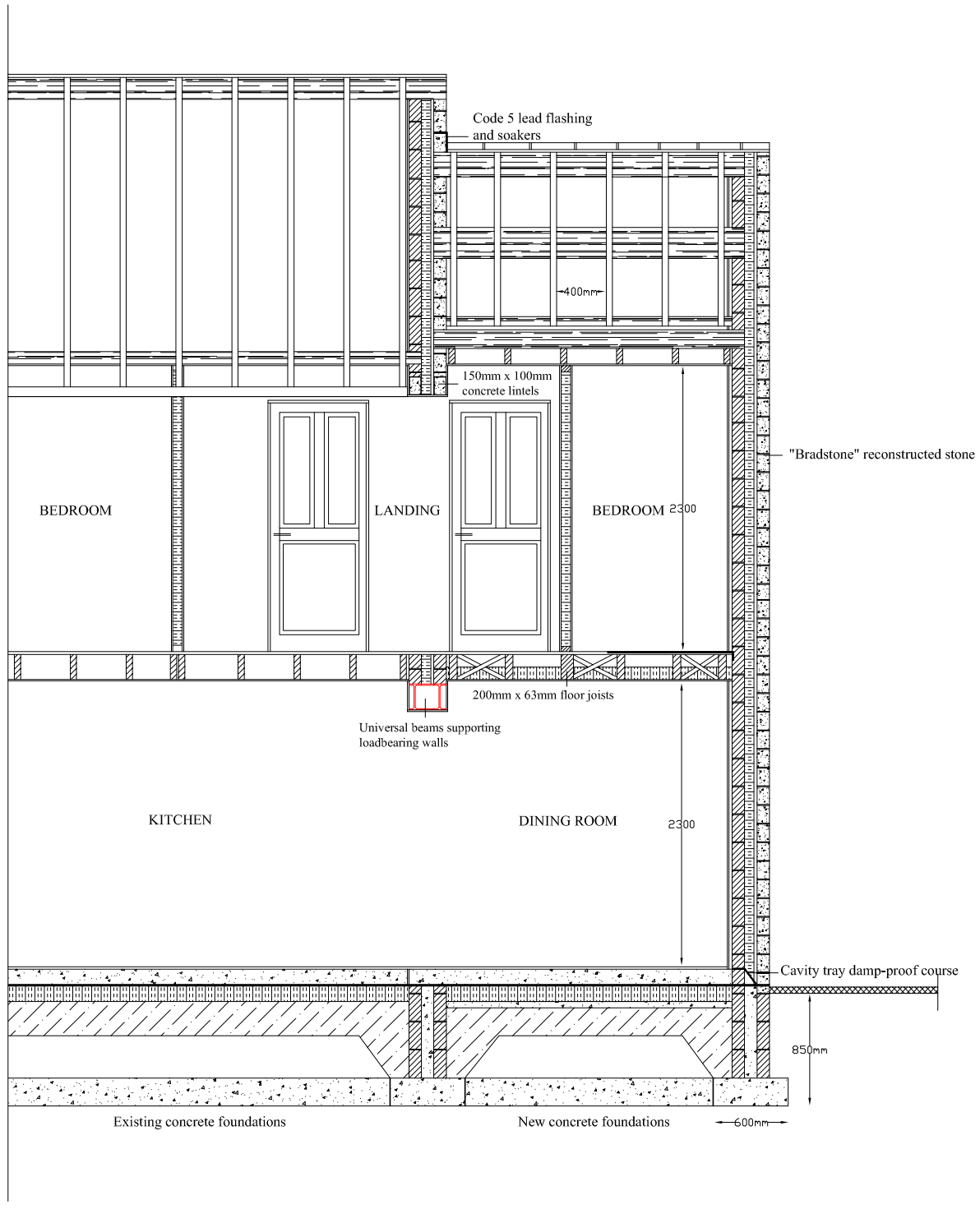
PROPOSED CROSS SECTION THROUGH EXTENSION



CONSTRUCTION NOTES

FIRE SAFETY
Fire "X" smoke alarms are to be sited on the ground floor lounge and on the first floor landing. The alarms are mains powered with a battery backup for residential use. The smoke alarms are Ionisation 240V AC with a battery backup and automatic reset to BS 5446: Part 1 1990.

DRAINAGE
The existing property benefits from a separate mode of drainage. The existing drains under the building are to be inspected and protected against damage with new inspection chambers to cleanse the system. The new drains where possible will be sited externally with inspection chambers sited at changes in direction.
The new foundations will be constructed below the invert level of the existing drains. Openings in walls for pipes are to be constructed with reinforced concrete lintels spanning over with a clear 50mm clearance all around the drain.
All new foundations are to be constructed below the level of the new drains. United Utilities are to be consulted if on inspection the foul water drain is a "shared drain".
The Contractor is responsible for locating, assessing and protecting both foul and surface water drains and to liaise with the appropriate authorities.

HEATING
The existing system is to be extended into the new extension with the installation of new radiators. The new radiators will have automatic thermostatic controls. The boiler has a SEDBUK rating of 95% efficiency.

LIGHTING
All new light fittings shall be capable of using low energy high efficiency light bulbs. High efficiency lighting points are located in the hall and on the first floor landing.

MECHANICAL VENTILATION
Extract ventilation rate:-
Kitchen - 60 litres/second;
Bathroom - 60 litres/second;
Utility room - 30 litres/second.

ROOF COVERING
The existing roof has a covering of Marley gray interlocking tiles, the extension roof covering will be similar in make and texture to that of the existing to a fall of 27 degrees.

SCALE 1:50

DRAWING NO. 09