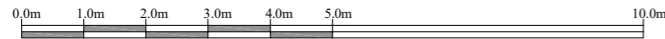


Project :- Proposed Sub Division of a Shop to form a Hot Food Take Away and Shop.
 Address :- No133 Glasgow Road, Baillieston

Client :- Selecta Windows

Dwg Title :- Proposed Electrical layout

Scale :- 1 : 100 Dwg No: - GRTH/105



Scale Bar

The new separating wall will be a 140C metal stud with two layers of 15mm fire line board with staggered joints that are filled and ames taped to give a 1 hour fire rating. There will be 140mm of absorbent curtain placed in between the metal stud to provide a barrier against noise transfer. The density of absorbent curtain will be 12kg/m3. This construction will go from top of concrete floor slab of shop up to the underside of the concrete roof. The alternative construction will be a 150mm medium density concrete block that will have a 15mm plaster coat applied to each face of the block. Again this will go from top of the concrete floor slab up to the underside of the concrete roof. This wall will be built along the outer face of the masonry piers as shown on this drawing so that the wall on the existing shop side will be a smooth faced finish.

The internal walls will be 75 x 45mm cls timbers at 600mm centres with 12.5mm plasterboard applied to each face of the studs. There will be 75mm of absorbent curtain placed between the studs having a density of 12kg/m3.

ELECTRICAL LEGEND

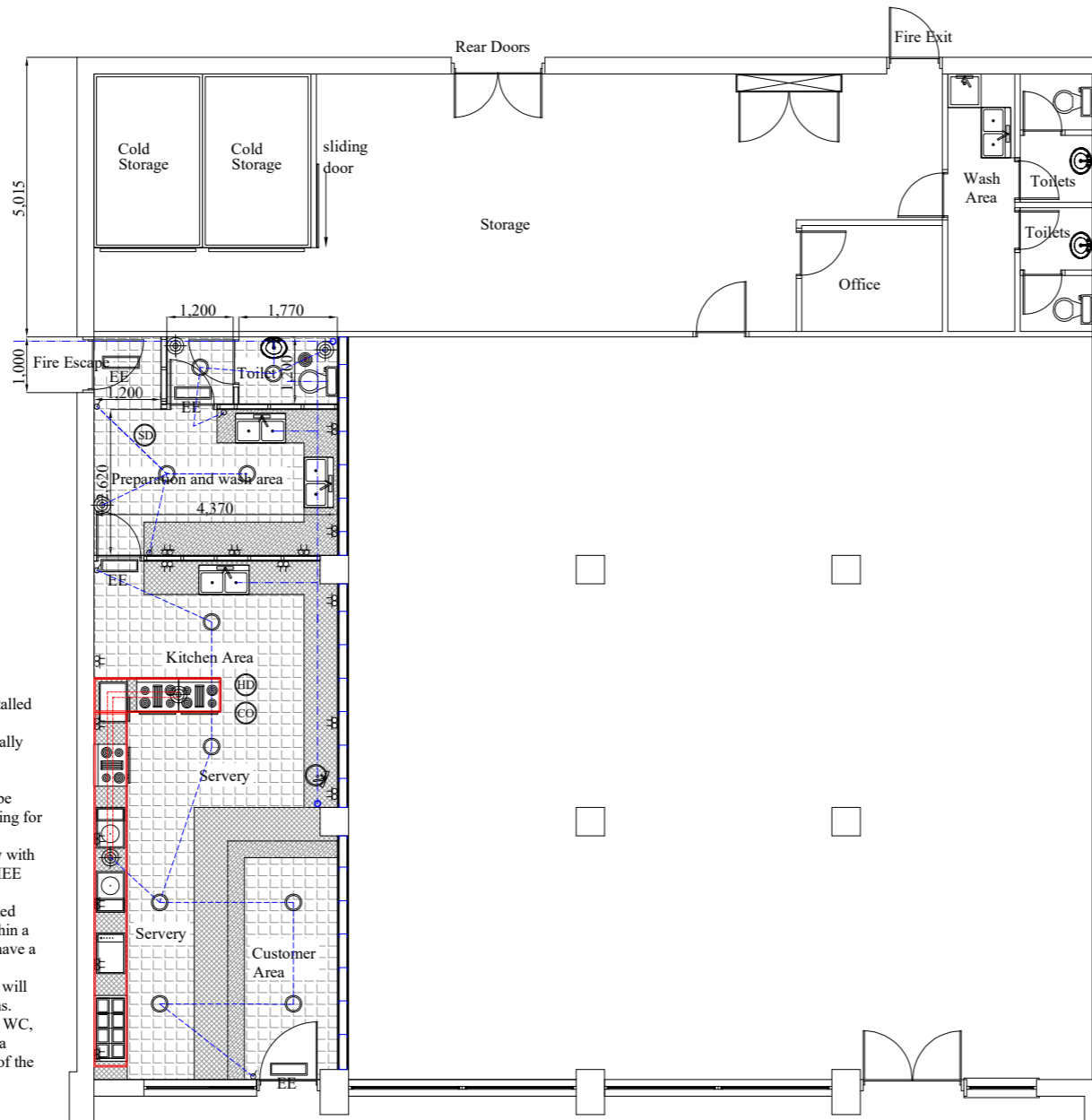
- Light Switch.....
- Light Pendant.....
- 13 Amp Double Socket Outlet.....
- Mechanical Extract Fan.....
- Smoke Detector.....
- Heat Detector.....
- Carbon Dioxide detector.....
- Beacon Sounder.....
- Emergency Lighting.....

The new electrical installation will be installed by a fully qualified electrician that is a member of SELECT or NICEI or an equally approved body. On completion of the installation the electrician will produce an electrical compliance certificate that will be handed into Building Control when applying for the completion certificate.

All new electrical installation will comply with BS7671 and the up to date version of the IEE Regulations.

All new detection system will be interlinked with the existing detection system, be within a protected circuit, wired to the mains and have a battery back up.

The WC, IVS and Food preparation areas will be ventilated using mechanical extract fans. The rating of the fans will be 15l/s for the WC, IVS and 30l/s for the food preparation area taken to dissipate on the external surface of the building



PROPOSED ELECTRICAL LAYOUT OF NEW SHOP