

KEY TO ELECTRICAL SYMBOLS
MIN. 50W LIGHT FITTINGS IN NEW BUILD TO BE LOW ENERGY RATED.
ELECTRICAL WORKS TO BE SUPPLIED BY A SUBJECT OF MECHANICAL CONTRACTORS.

Plan ceiling pendant chandelier fittings
 Recessed acoustic ceiling downlights (all in 4m bays etc. (max 1100 ceiling) (acoustic rated downlights only if below a habitable room)
 Heat resistant struts to be fitted where in contact with insulation
 Fluorescent fitting with 1500mm with diffuser
 Emergency lighting maintained directional system
 Wall mounted exterior light (switched/PIR/linecords)
 switch 2-way switch double pole switch
 singlethrow 12a switched socket (not chosen for face plates)
 under writing pocket, socket switch head up switched spur
 outdoor control unit telephone point in point

FIRE DETECTION (all interlinked with battery back-up to BS 5839 Pt 6 2004)
 Smoke Alarms in circulation spaces not more than 7m from the door to a kitchen or living room. Not more than 3m from any bedroom door and max 7.5m in larger circulation areas.
 Position smoke alarms to ensure max 7.5m from any point in living room to the detector and 5.3m for Heat Detectors in a Kitchen. (See measured horizontally)
 Ceiling mounted alarm max 300mm from any vertical wall face or light fitting. Smoke Alarms located 25-500mm below the ceiling and 25-150mm for Heat Alarms.
 Use Grade 2 fire detection system to all dwellings comprising of at least 1 main powered alarm and Heat Alarm with integral standby supply to BS 5839 Part 6 2004.

CO Carbon Monoxide Detector (with all detection device)
 ISA Ionisation Smoke Alarm to BS EN 14604:2005 best used for Hallways and stairwells adjacent to bedrooms or shower rooms.
 ISA Ionisation Smoke Alarm to BS 5839 Part 6 2004.
 ISA Heat Alarm to BS 5446 Part 2: 2003. Best used in Kitchens.
 ISA Optical Smoke Alarm to BS EN 14604:2005. Best used in General Layout.

int calling mounted add-on extracted fire escape via Red-Duct to water fire vent (max length 1500mm)
 L Light Pull Chord Internal in Bedroom, Ensuite or Toilet in line of switch
 other Shower Pull Chord as above in line of external more switch
 Electric Shower max 9.5W Max or equal and approved. Separate switched circuit. Complete with Thermostatic control and Anti-scald valves.
 distribution board minimum 3 spare breakers
 ball push (luminaire) door bell sounder with mounted
 fire alarm break glass point fire alarm sounder with mounted

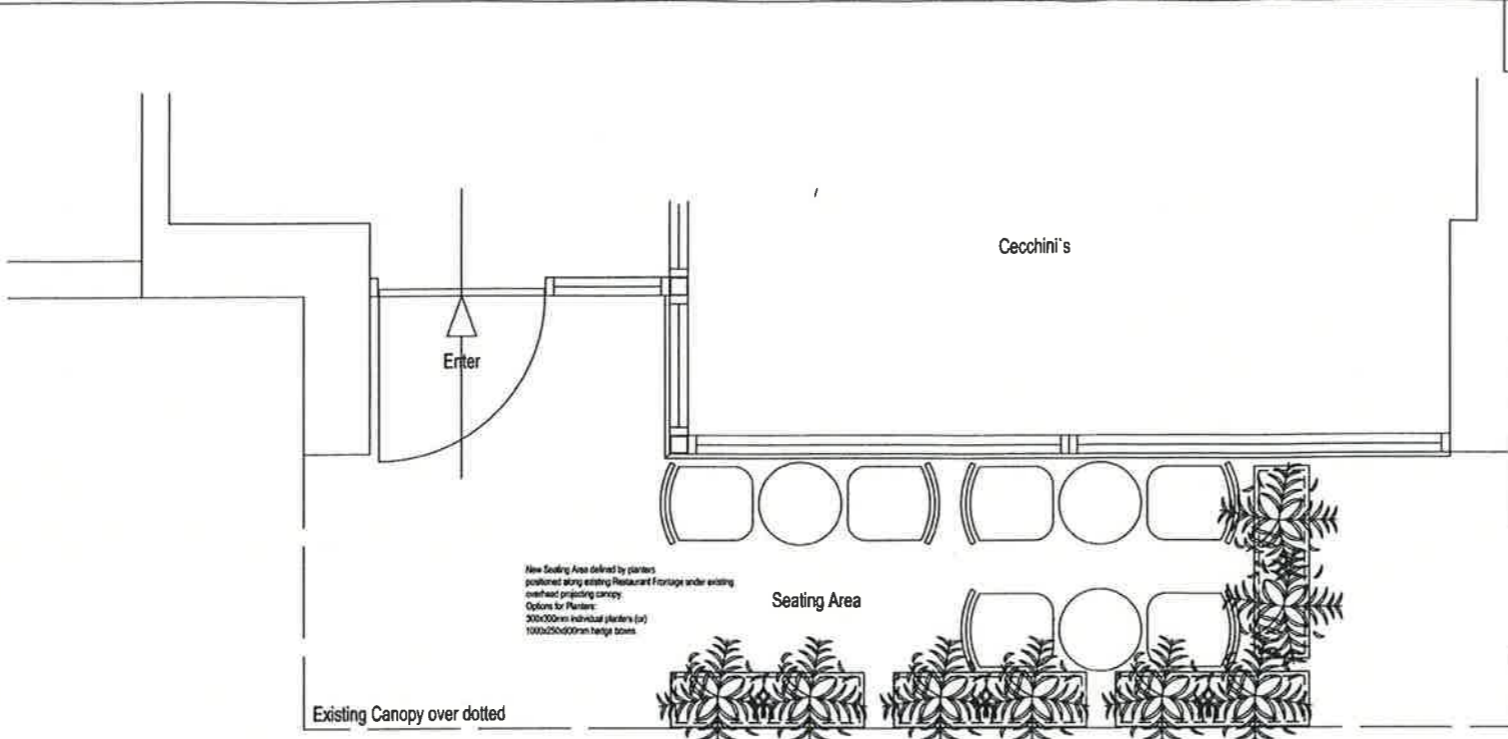
General Notes:
 All Electrical Installations to be to BS 7671:2011 (EE Wiring Regulations) including all Amendments and carried out by a competent electrician having current membership of an accredited registration scheme.
 Fire alarm installations to be to BS 5839
 Emergency lighting installations to be to BS 5266
 General lighting installations to be to the CIBSE Code for Interior Lighting
 Wiring from new ELIMCO protected consumer unit with concealed wiring arranged to follow standard practice of the I.E. Regulations. All wiring method with no exposed wires.

ACCESS TO MANUA, CONTROLS AND ELECTRICAL FITTINGS:
 In accessible window or window that provides natural ventilation to install the current standard should have controls for opening positioned at least 300mm from any internal corner projecting wall or similar obstruction and at a height of:
 not more than 1100mm above floor where access to controls is unobstructed, or
 not more than 1500mm above floor where access to controls is limited by a fixed obstruction of not more than 300mm high which projects not more than 600mm in front of the position of the controls. Where the obstruction is greater a remote means of opening should be provided, or
 not more than 1500mm above floor in an unobstructed location within an enhanced apartment or within accessible sanitary accommodation not provided with mechanical ventilation.

Outlets and controls of air-conditioning and systems should be positioned at least 300mm from any internal corner, projecting wall or similar obstruction and, unless the need for a higher location can be demonstrated, not more than 1500mm above floor. This would include features such as sockets, switches, fire alarm call points and timer controls or programmers. Within this height range:
 light switches should be positioned at a height of between 900 and 1100mm above floor.
 Standard switched or unswitched socket outlets and outlets for other services such as phone, tv should be positioned at least 400mm above floor. Above an obstruction such as a worktop, balance should be positioned 150mm above the projecting surface.
 Where socket outlets are concealed such as to the rear of white goods in a kitchen a separate switching should be provided in an accessible position to allow appliances to be isolated.
 T.M.V.'s FITTED TO HOT WATER OUTLETS LIMITING TEMP TO MAX 45°C.

The contractor is responsible for checking dimensions and any discrepancies must be reported to the Architect before proceeding with work on site.
 All suppliers, sub-contractors, specialist installers and manufacturers to check and agree dimensions on site with main contractor before manufacture or installation. Any discrepancies/changes to be agreed in writing with the Architect before work proceeds.
 All drains must be laid and connections made to the satisfaction of the local authority.
 The electrical installation must be carried out in accordance with the current amendment of Regulations of the I.E.E. and the relevant British Standard.
 A diagram layout is to be fixed at the main switchboard.
 All external structural joinery, carpentry, and structural timber to be vacuum treated against rot and insect attack. In accordance with relevant British Standard.
 All materials shall be used in accordance with the manufacturer's written instructions relating to site storage/installation/application.
 All goods not otherwise specified shall be installed/checked/regulated to the appropriate British Standard where such exist.
 All work to be carried out in accordance with the relevant British Standard Code of Practice.
 No high alumina cement to be used in structural elements.
 No wood used shall be used in permanent formwork to concrete or reinforced concrete or any structural element.
 No calcium chloride to be used in admixtures for use in reinforced concrete.
 No asbestos products to be used.
 No aggregates for use in reinforced concrete to be used which do not comply with British Standard specification BS2:1985 nor aggregates for use in concrete which do not comply with the provisions of British Standard Specification BS1188.
 No urea formaldehyde to be used.
 No other substances to be used which are not in accordance with British Standards, Codes of Practice, Good Building Practice or the Hygiene Requirements of the Food Industry, current at the time of the specification, or with good building practice.
 All working procedures to be carried out diligently and in accordance with good working practice and in accordance with C.D.M. Regulations and Health & Safety at work regulations and guidelines.
 Demolition work will be carried out by a Specialist Demolition Contractor. Unless otherwise agreed or specified Assurances will be sought prior to commencement of works that all necessary instructions are in place.
 Any asbestos of other hazardous materials will be taken down and removed from the site by Specialist Contractors and by methods required by the Health and Safety Executive and to the satisfaction of all interested parties.
 Fees for the disposal of consumable materials will not be permitted on the site.
 All Practical methods of controlling the extent of site noise will be employed and works will be limited to normal working hours. Special note to be taken of any relevant Planning Consents.
 Dust etc. will be controlled as far as practicable by damping down rubble etc. during loading and removing off site.
 All heating, hot and cold pipes used for the supply of water must be insulated against heat loss to Section 9 of the Standards to BS 5422: 2009.
 All rainwater downpipes connected to single pipe drainage installations must be trapped prior to connection to combined drain.
 Smoke/Heat detectors to be installed in compliance with the relevant British Standard. All hallway smoke detectors to be within 3000mm Radius of all habitable rooms.

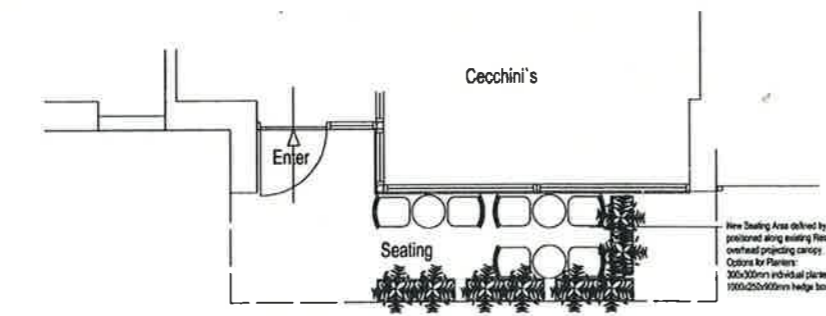
WINDOWS AND DOORS:
 Designed to meet Section 2 of Secured by Design ACPD 2009



Plan as Proposed 1:20



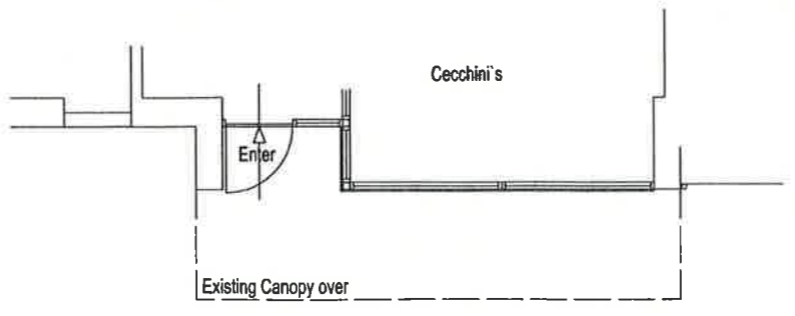
Street Elevation Proposed 1:50



Plan as Proposed 1:50

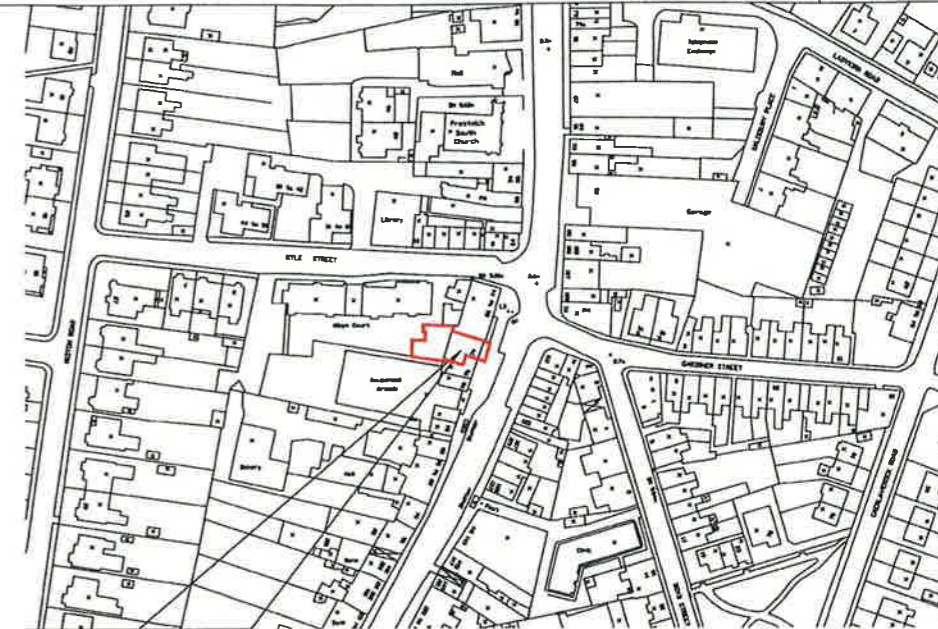


Street Elevation Existing 1:50

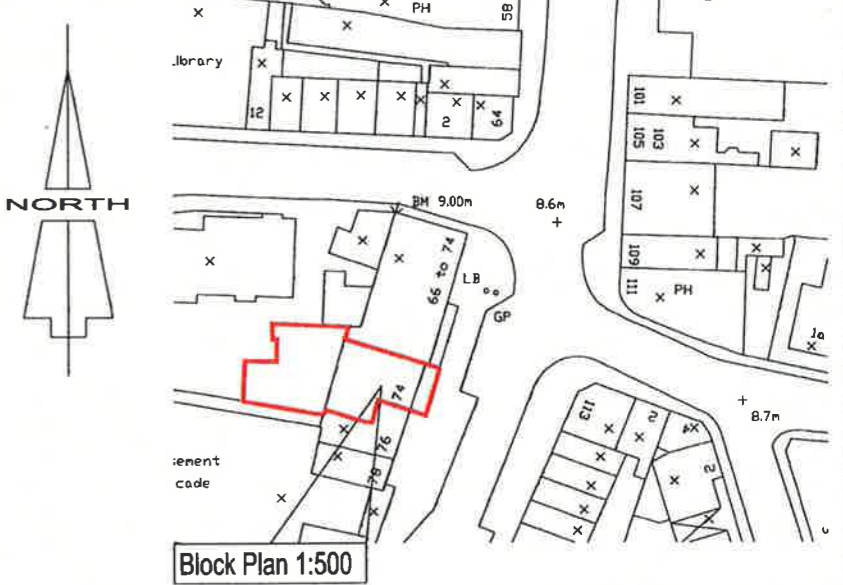


Plan as Existing 1:50

PERFORMANCE: WRITTEN INFORMATION TO BE PROVIDED FOR THE TENANT/OCCUPIER ON THE OPERATION AND MAINTENANCE OF THE HEATING AND HOT WATER SYSTEMS TO ENCOURAGE OPTIMUM ENERGY EFFICIENCY
DRAINAGE (existing)
 Existing drainage system to be surveyed and the test carried out prior to the works commencing to establish type, route and direction of falls etc. Short existing drainage if affected by the works to ensure no building over existing system.
 Upon completion of drainage works a further eye test to be carried out to ensure correct connections/flows have been achieved to prevent cross contamination/overflow caused by wrong or poor connections made.



Location Plan 1:1250



Block Plan 1:500

DO NOT SCALE Use specified dimensions. If in doubt please ASK.	
Rev A	Date March 2015
Revision	Revisions added for SAC Planning
This is a true copy of the Drawing referred to in the Application:	
Dated: _____	
Signed: _____	
on behalf of Hitech Design architectural services.	
<input type="checkbox"/> Preliminary	<input type="checkbox"/> Design Approval
<input type="checkbox"/> Tech Standards	<input type="checkbox"/> Tender
<input type="checkbox"/> Planning	<input type="checkbox"/> Construction
hda Hitech Design architectural services	
Conversions Alterations Extensions New Builds Change of Use Residential Commercial Industrial Retail	
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Client Cecchini's 74 Main Street Prestwick KA9 1PA.	
Project Proposed External Seating 74 Main Street Prestwick KA9 1PA.	
Drawing Existing / Proposed	Drwg No. 215-01 (A)
Drawn by R Hill	Date March 2015
Scale(s) 1:50 1:20 1:500 1:1250	