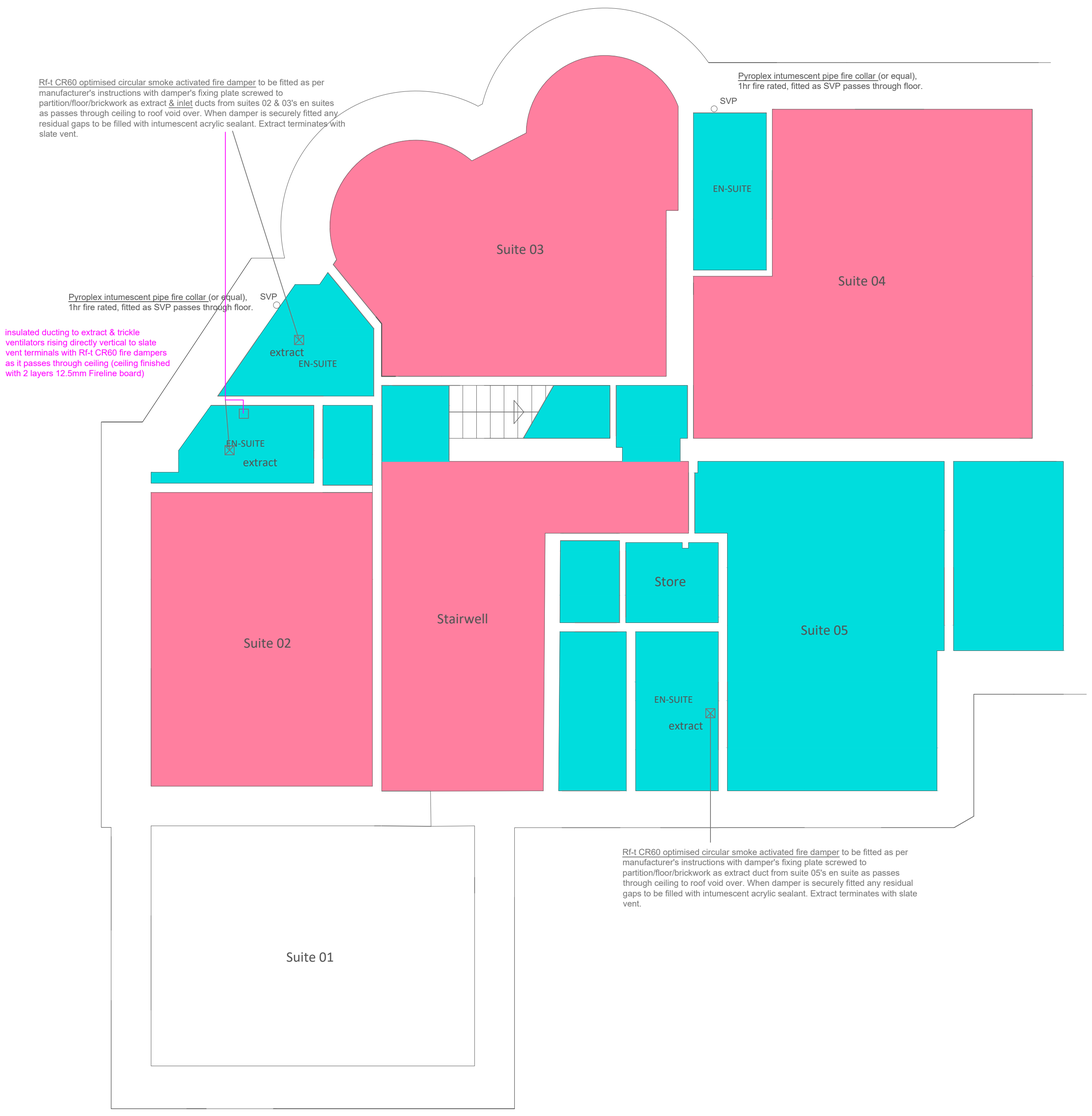
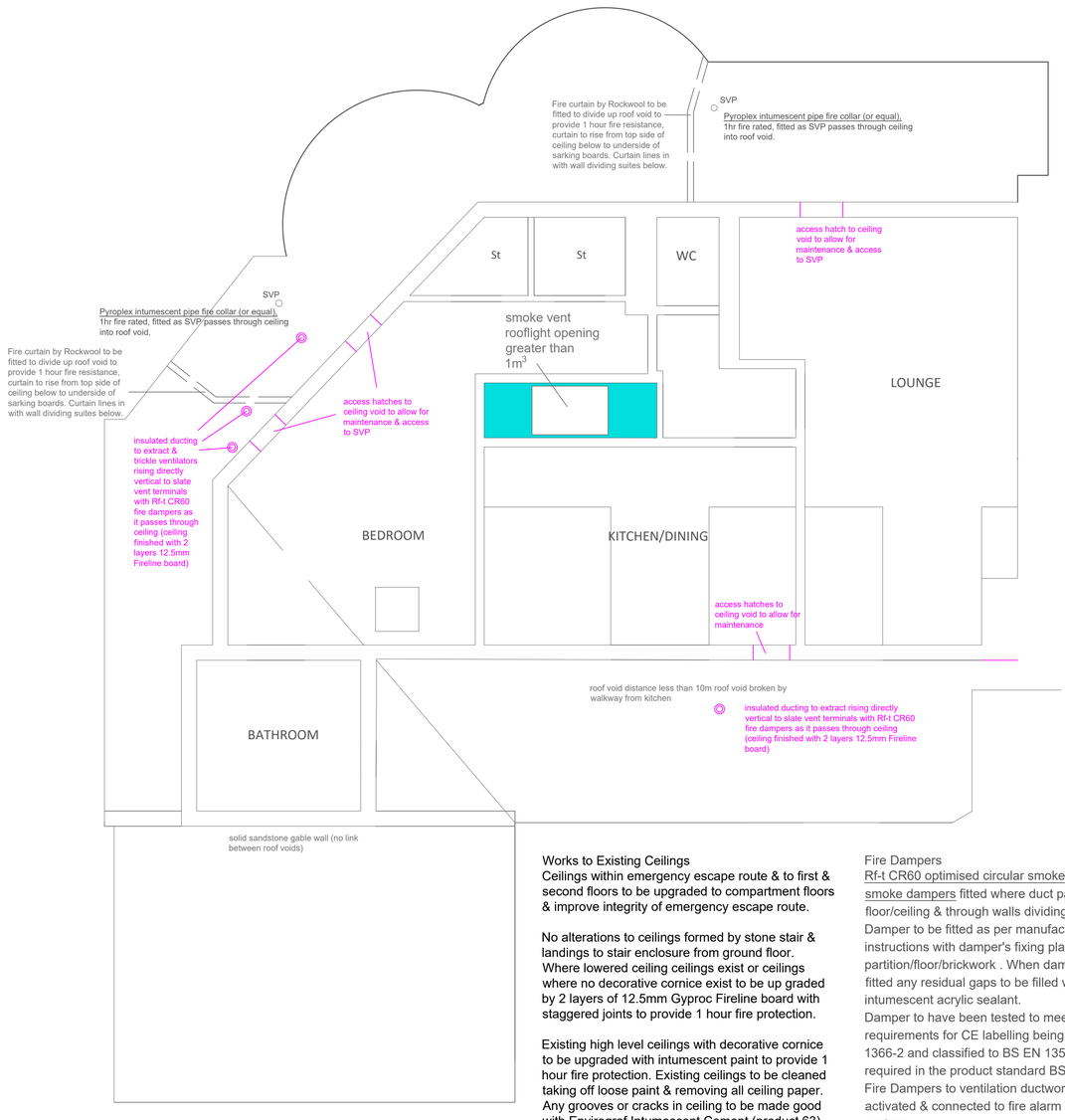


second floor



third floor

Works to Existing Ceilings
Ceilings within emergency escape route & to first & second floors to be upgraded to compartment floors & improve integrity of emergency escape route.

No alterations to ceilings formed by stone stair & landings to stair enclosure from ground floor.
Where lowered ceiling ceilings exist or ceilings where no decorative cornice exist to be up graded by 2 layers of 12.5mm Gyproc Fireline board with staggered joints to provide 1 hour fire protection.

Existing high level ceilings with decorative cornice to be upgraded with intumescent paint to provide 1 hour fire protection. Existing ceilings to be cleaned taking off loose paint & removing all ceiling paper. Any grooves or cracks in ceiling to be made good with Envirograf Intumescent Cement (product 63) or AM Intumescent Mastic (product 58). Ceiling to be coated with one coat of Envirograf EP/CP/P Primer (product 105) at 12m^2 per litre. 2 Layers of Envirograf EP/CP (product 105) at 8m^2 per litre applied over primer with drying time of minimum 1 hour. Cornices & any plaster mouldings to receive same paint treatment as flat ceilings.

Fire dampers to be fitted to any extraction ductwork that passes through ceilings with fire collars fitted to any drainage that passes through floor/ceiling construction.

Fire Collars
Sections of existing SVPs to be replaced with new 100mm dia UPVC SVP fitted with fire collars where passing through floors (serving en suites towards front of building, suites 02, 03 & 04)
Fire collars to be fitted where passing through wall dividing suites.
Pyroplex 200 Series SL pipe fire collar (or equal), 1hr fire rated, fitted as duct passes through floor & through walls dividing apartments.
Collar to be fitted as per manufacturer's instructions with collar secured to partition/floor structure through fixing lugs by Fishcer HM 6 x 65s or CE marked alternative anchors. When collar is securely fitted any residual gaps to be filled with Quelstop intumescent acrylic sealant.

Fire Dampers
Rf-t CR60 optimised circular smoke activated fire & smoke dampers fitted where duct passes through floor/ceiling & through walls dividing suites.
Damper to be fitted as per manufacturer's instructions with damper's fixing plate screwed to partition/floor/brickwork . When damper is securely fitted any residual gaps to be filled with Quelstop intumescent acrylic sealant.
Damper to have been tested to meet current CPR requirements for CE labelling being tested to BS EN 1366-2 and classified to BS EN 13501-3 as required in the product standard BS EN 1560.
Fire Dampers to ventilation ductwork to be smoke activated & connected to fire alarm detection system.

Light fittings to be fitted with fire rated domes or cups with all cabling to be tightly sealed with intumescent mastic.

Plans & specifications to read in conjunction with 'report on proposed fire treatment and Heritage impacts on ceilings at Corn Exchange Road, Stirling' prepared by ZMARCHITECTURE Ltd.

Cavities
Roof cavity (void) to be divided by Rockwool fire curtains secured to ceiling of floor below & to sarking boards over. Fire curtain to provide 1 hour fire protection. Curtains to line in with walls dividing suites below.

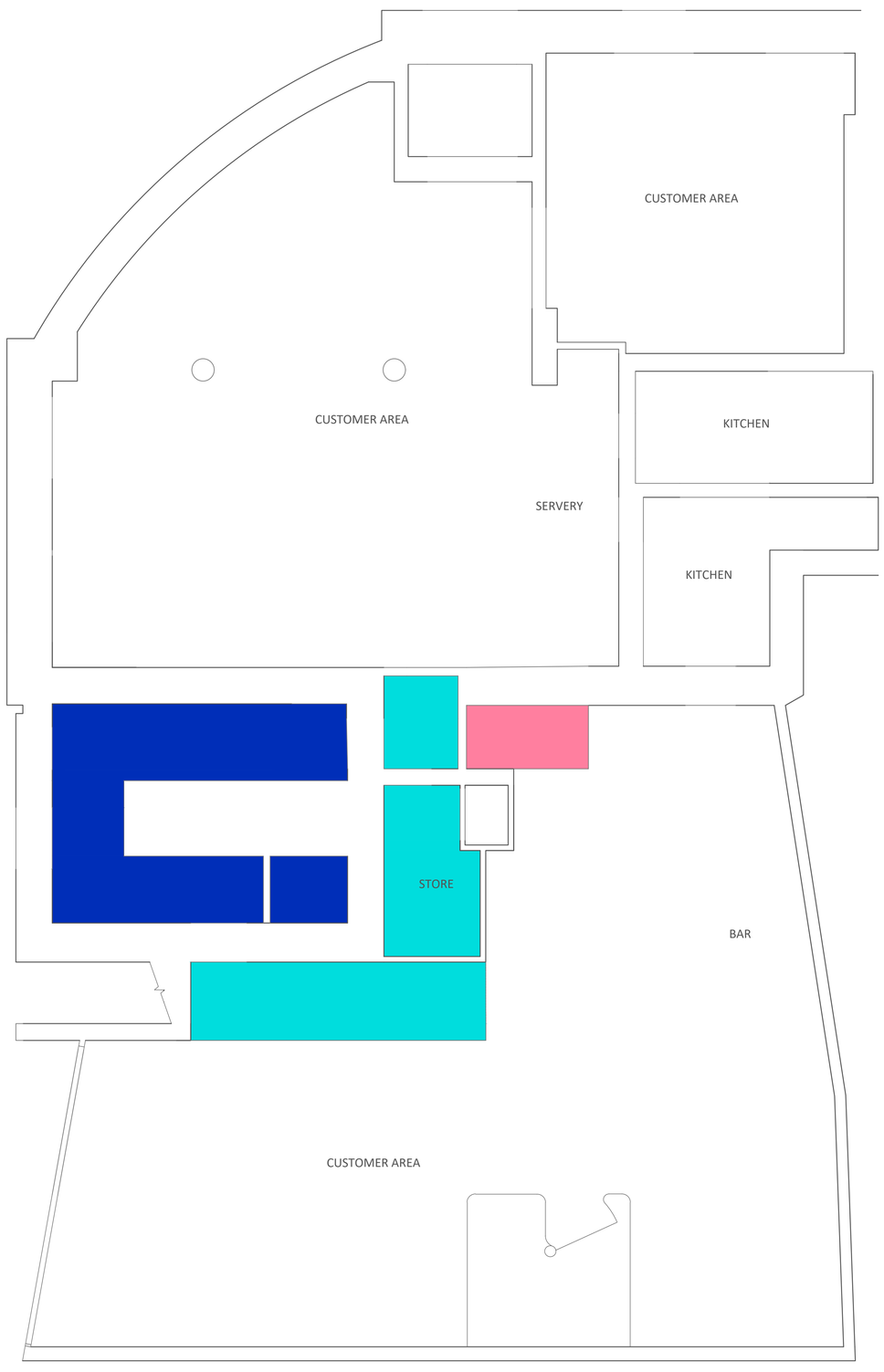
General
Where cabling, ducts, pipework passing through walls dividing suites, dividing suites from hallways & ceilings to be tightly sealed with intumescent mastic.

Ceilings finished with 2 x 12.5mm Fireline board with staggered joints to provide 1 hr fire protection

underside of stone stair & landings within stairwell

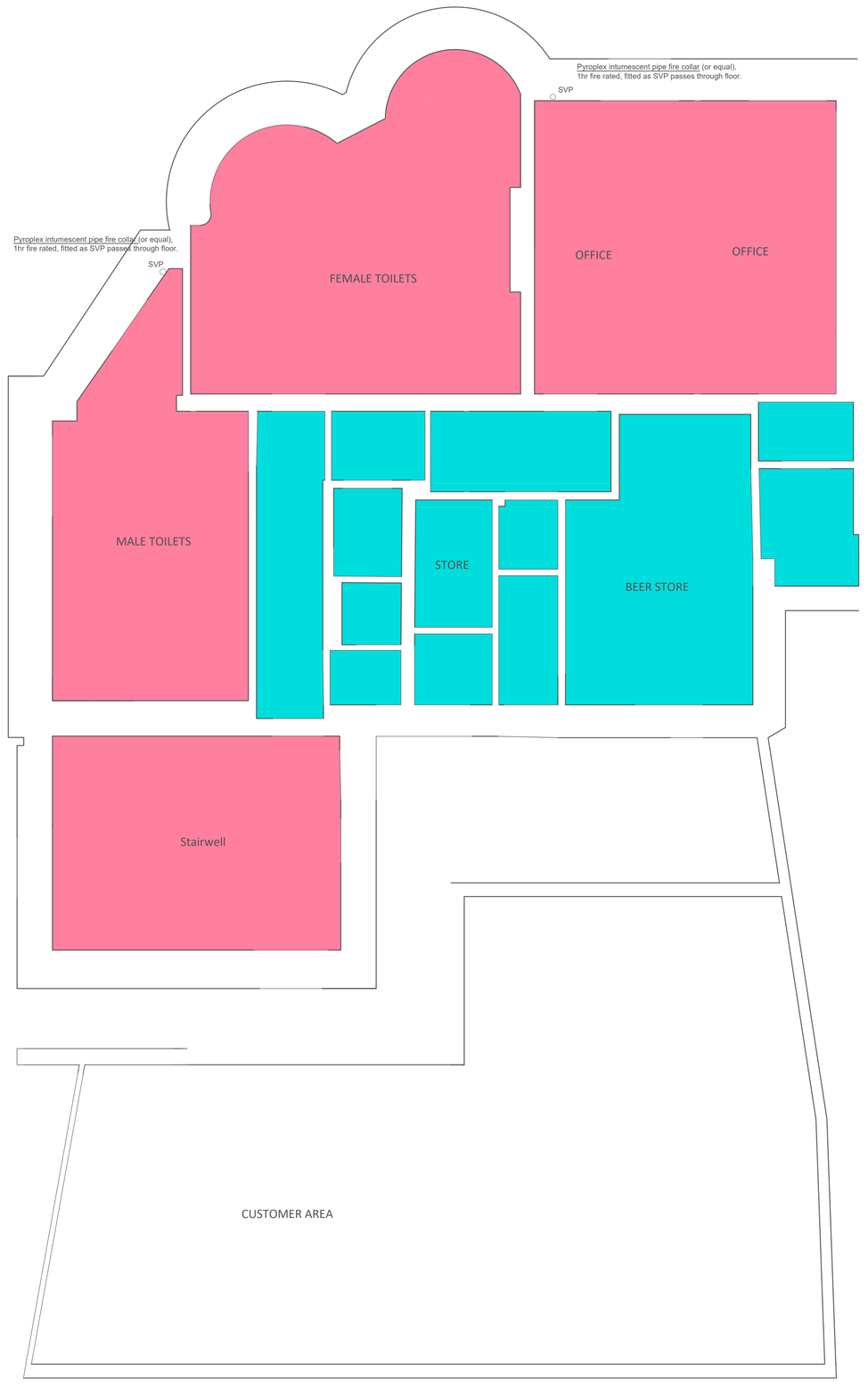
Existing ceilings with decorative cornice to be treated & upgraded with Environgraf intumescent paint to provide 1 hour fire protection

From visual inspection it would appear that the existing lath and plaster surfaces are generally sound & in good order. In order to fully ascertain if these ceilings are boss and have separated from the underlying lath substrate, physical tap testing with a light hammer to be undertaken.
We would recommend that before repair work commences, physical tap testing for boss lath to be undertaken by the contractor responsible for carrying out the work and applying the Envirograf product in order that a Certificate can be produced - (testing to be monitored on site during construction and recorded accordingly). Proposed work to be guaranteed, the Product guidance states that any boss lath should be removed and replaced.
Envirogarf to be applied by specialist, recognised fire protection contractor who will provide certification of the works in addition to a full survey report on the ceilings confirming they were checked to be sound or where appropriate which areas were replaced with specification for repairwork.
Certification & report to be provided to Building Standards before completion.



ground floor

0 1 5m



first floor

CEILING PLANS

Proposals at
Corn Exchange Road
Stirling

scale 1:50 (A0)
dwg no. 29160/SA/11d