

Brunswick Centre

Proposed containment solution for the new video entry system

Introduction

A new video door entry system is to be installed at the Brunswick Centre. This will involve using as much of the existing containment as practicably possible. In the original proposal it has been noted that “Existing containment is proposed to be re-used. It is assumed it has sufficient spare capacity, is free from obstructions and is of serviceable condition. If this is found not to be the case and additional containment is required, this will incur additional charges”

Concerns

Investigation into the existing containment has found that there is not adequate space to allow for the new cables. This also raises two further issues.

1. The system must be fully functional whilst the installation is being installed. This means that we cannot pull out the existing cables and replace either the containment or the cable.
2. On each landing there are on average between 5 and 8 apartments. Not each apartment will be having the new video entry system and will be keeping the audio only. This means that this cable in the existing containment must stay in place.

Existing Containment Photos

This photo below shows the existing galvanised trunking which is carrying the main route of cables from landing box to landing



In this photo it shows an existing floor controller, these are in convenient positions throughout the Brunswick Centre



This photo shows the existing 20mm galvanised tube. This will contain the cable to the apartment.



This photo shows how the existing containment links the landings



This photo shows how the containment enters the apartments. This will be re used to reduce any disturbance into the apartment.



Proposed Containment Photos

This photo shows an Engineer holding a right angle 90 degree corner next to the 45 degree corner. You can see that the 90 degree hangs lower.



This photo shows the test containment using 45 degree corners going over the pipes entering the apartment.



This photo shows the test containment from the side.



This photo shows the test containment from a straight on perspective.

