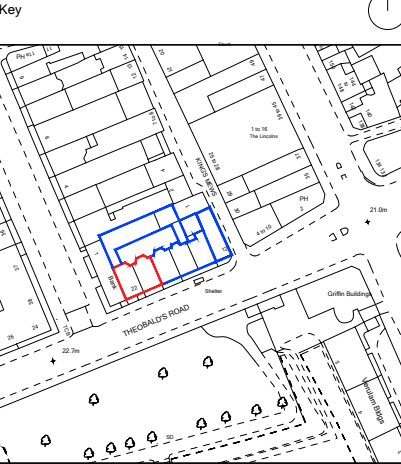


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Project
20-22 Theobalds Road

Client
Fernglen Properties Ltd.

Drawing Title
Site Plan

Scale @ A1
1:1250

Scale @ A3
1:2500

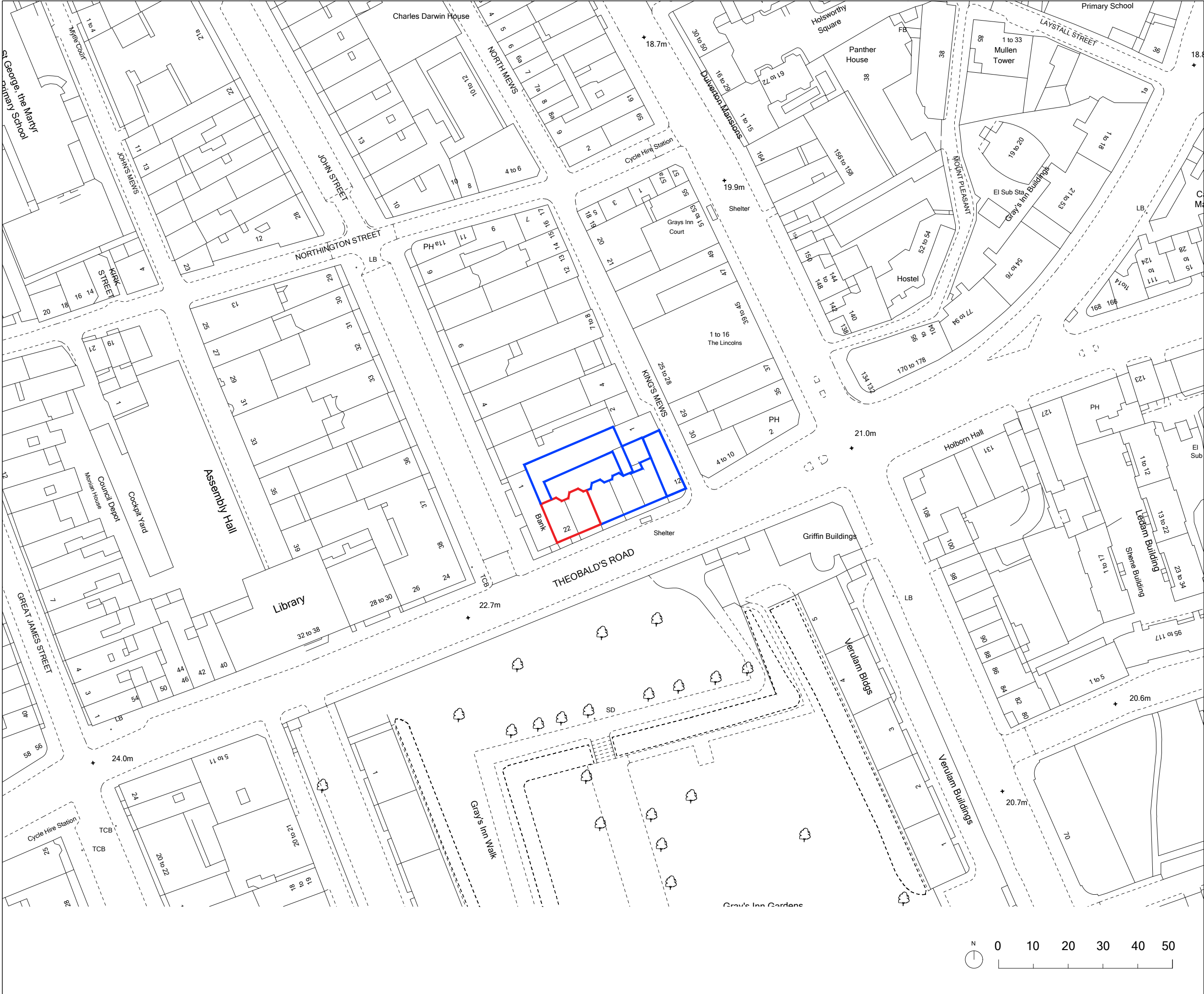


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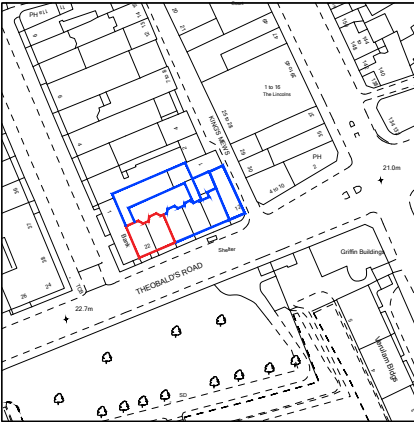


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Project
20-22 Theobalds Road

Client
Fernglen Properties Ltd.

Drawing Title
Site Plan

Scale @ A1
1:500

Scale @ A3
1:1000



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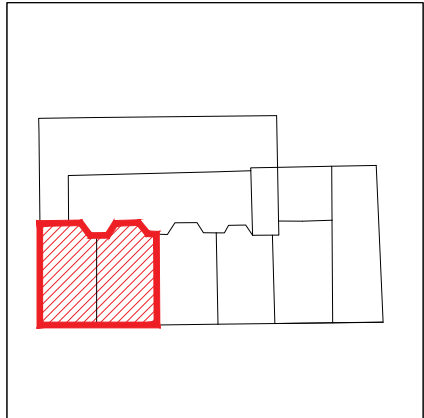
- Notes
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Project
20-22 Theobalds Road

Client
Fernghen Properties Ltd.

Drawing Title
Existing Plan - Ground Floor

Scale @ A1
1:50

Scale @ A3
1:100



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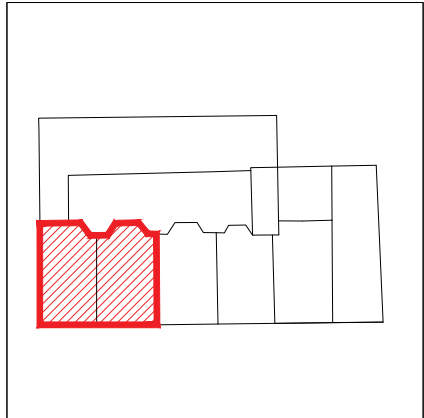
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Project
20-22 Theobalds Road

Client
Fernglen Properties Ltd.

Drawing Title
Existing Plan - First Floor

Scale @ A1
1:50

Scale @ A3
1:100



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01 Typical Section AA - Through Living Room



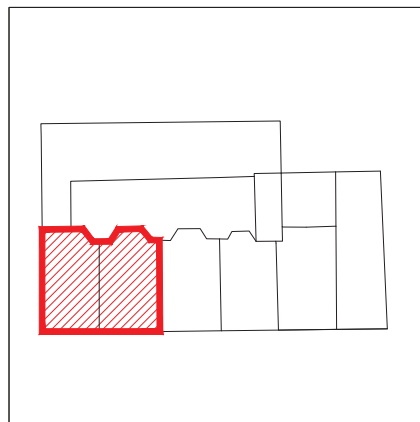
- Notes
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Project
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Client
Fernghlen Properties Ltd.

Drawing Title
Typical Section AA - As Existing

Scale @ A1
1:20

Scale @ A3
1:40

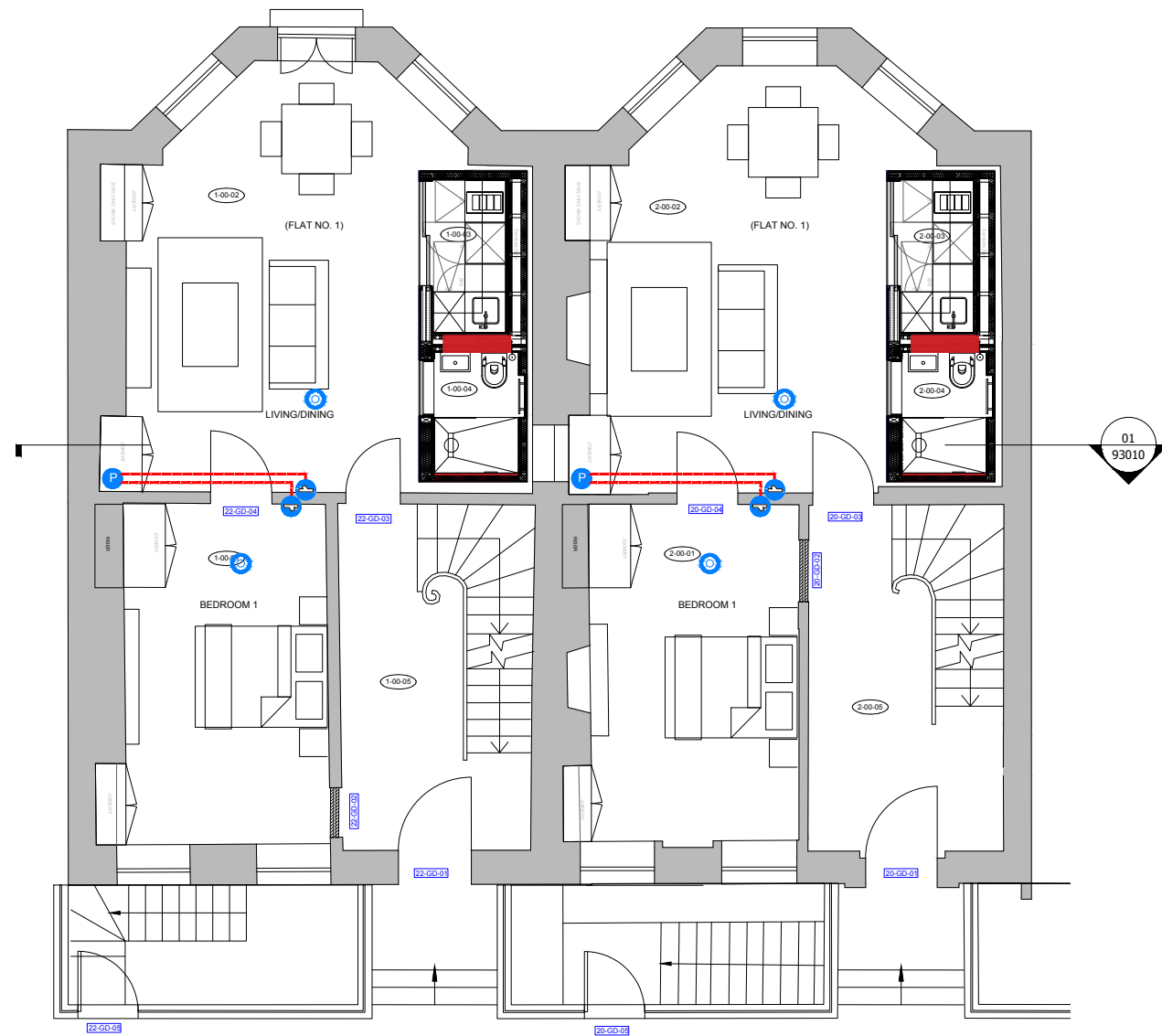


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Revision
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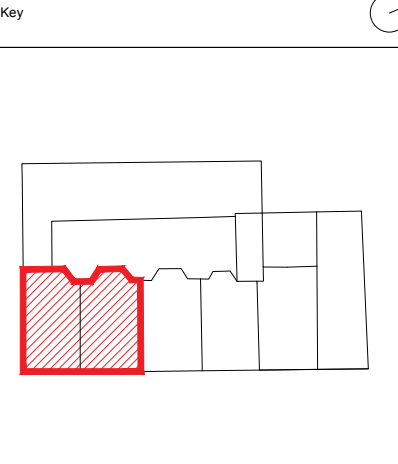
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Notes

Automist System to specialist details to meet manufacturers recommendations and building control approval

- Key
- Pump located at low level within joinery unit
 - Smart Scan, recessed wall mounted spray nozzle
 - Detector on ceiling
 - pipe route under floor from pump to nozzle, using existing routes wherever possible

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Project
20-22 Theobalds Road

Client
Fernglens Properties Ltd.

Drawing Title
Proposed Plan - Automist Layout

Ground Floor
Scale @ A1
1:50

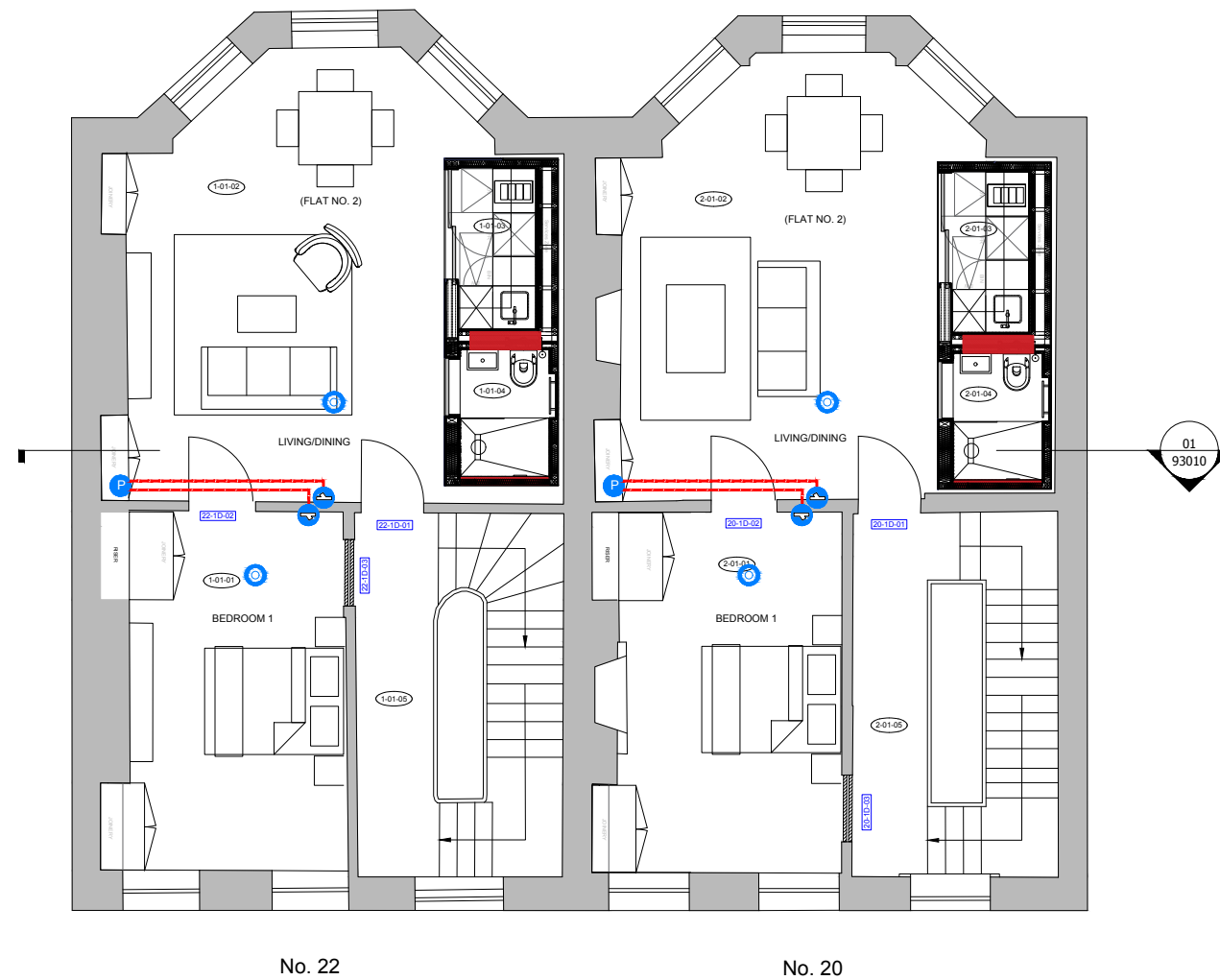
Scale @ A3
1:100



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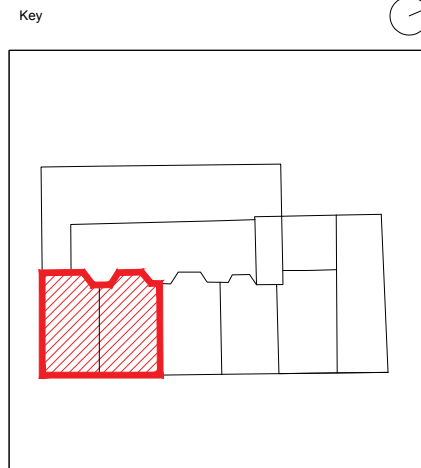
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Notes

Automist System to specialist details to meet manufacturers recommendations and building control approval

- Key
- Pump located at low level within joinery unit
 - Smart Scan, recessed wall mounted spray nozzle
 - Detector on ceiling
 - pipe route under floor from pump to nozzle, using existing routes wherever possible

Rev.	Date	Description
-	23/02/21	ISSUE FOR PLANNING



Project
20-22 Theobalds Road

Client
Fernglen Properties Ltd.

Drawing Title
Proposed Plan - Automist Layout

First Floor
Scale @ A1
1:50

Scale @ A3
1:100

THIRDWAYARCHITECTURE

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01 Typical Section AA - Through Living Room

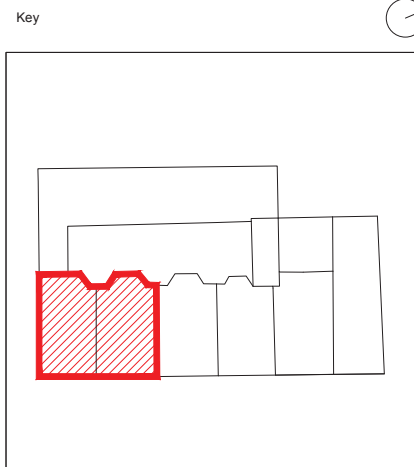
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- Notes
- Automist System to specialist details to meet manufacturers recommendations and building control approval

- Key
-  Detector on ceiling
-  cable/pipe route under floor from pump to nozzle, using existing routes wherever possible

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Project
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Client
Fernglan Properties Ltd.

Drawing Title
Typical Section AA

Scale @ A1
1:20

Scale @ A3
1:40

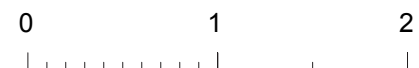
 **THIRDWAYARCHITECTURE**

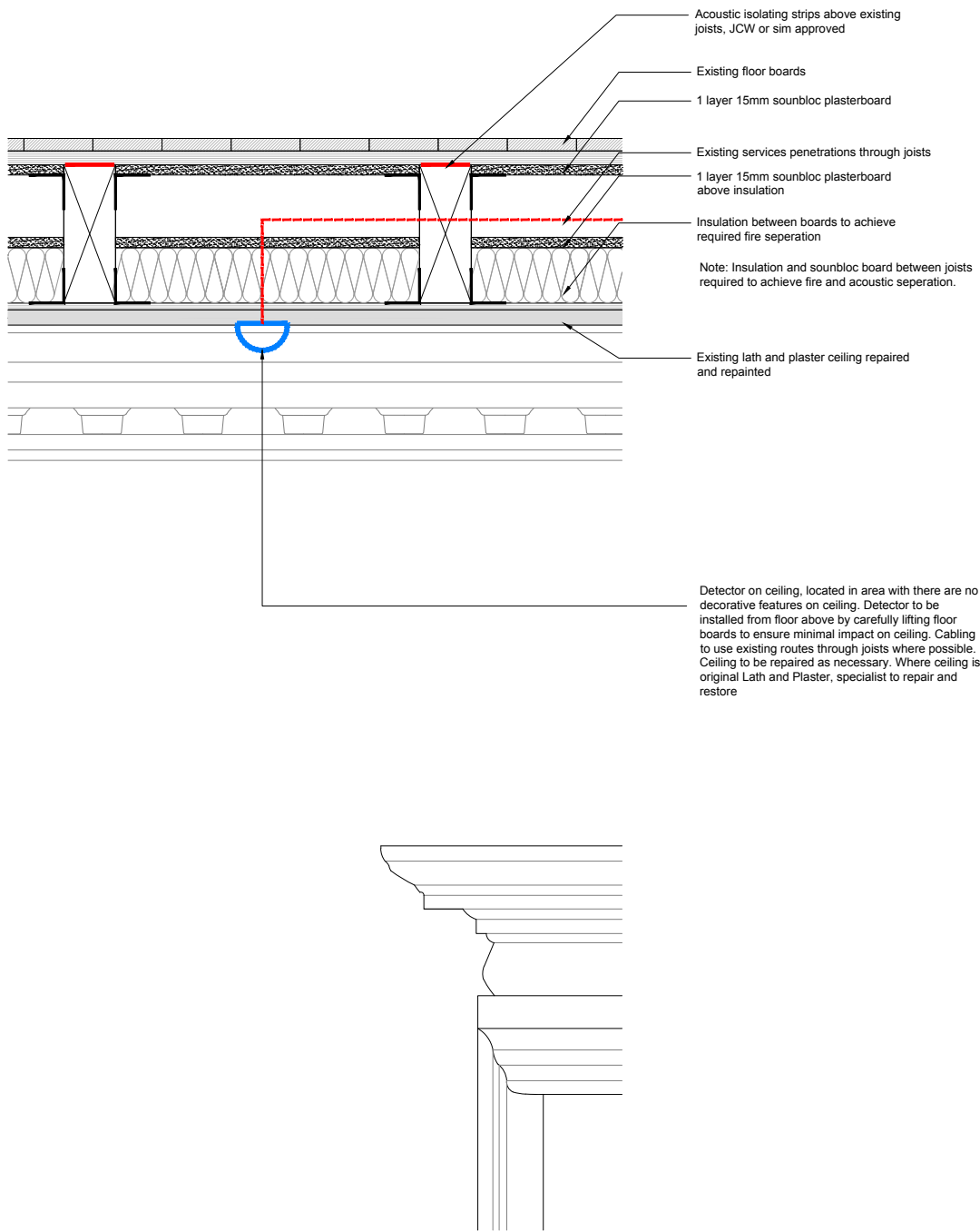
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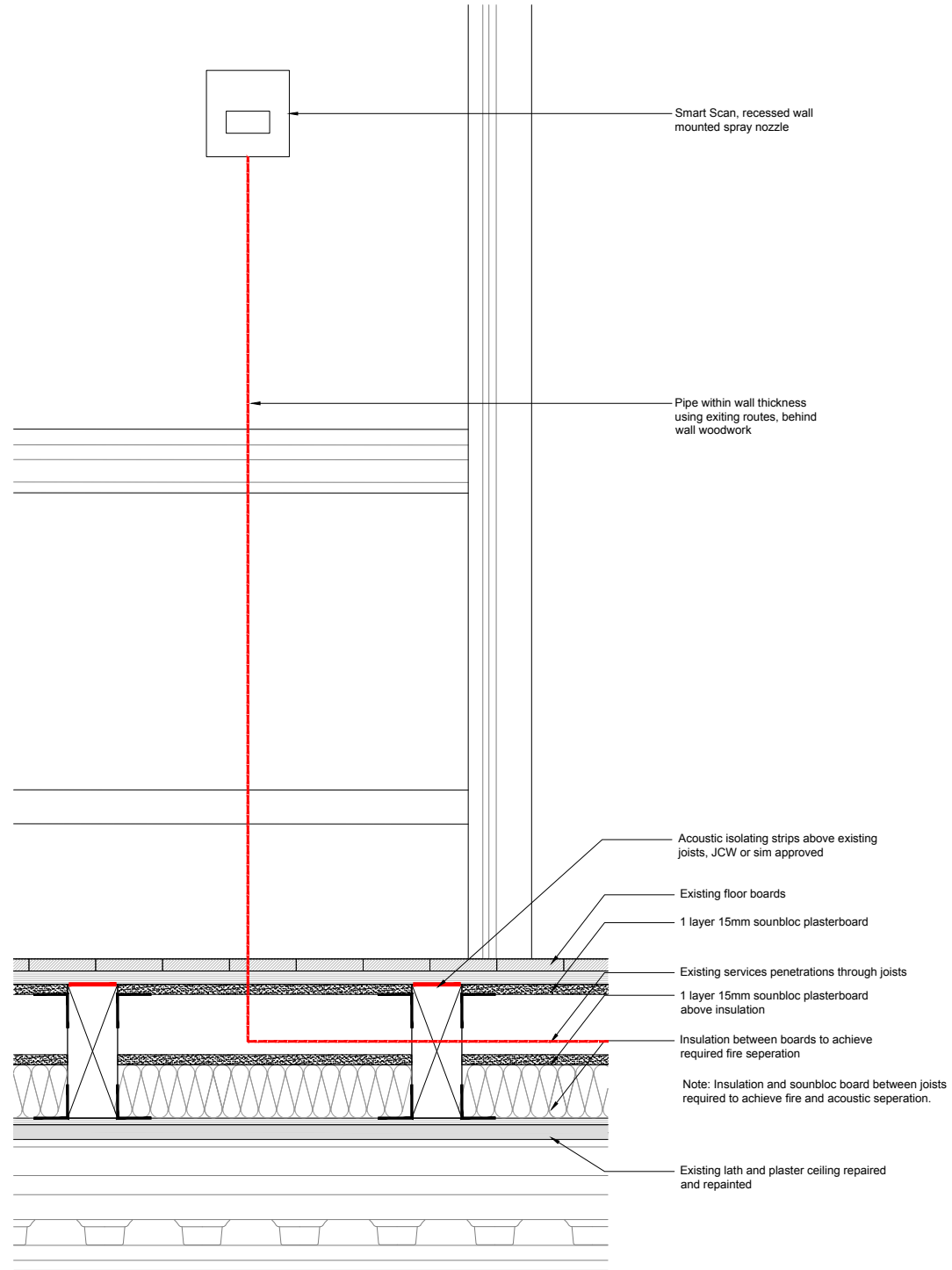
Number
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Revision
-





01 Detail 01 - Through Ceiling



02 Detail 02 - Through Floor



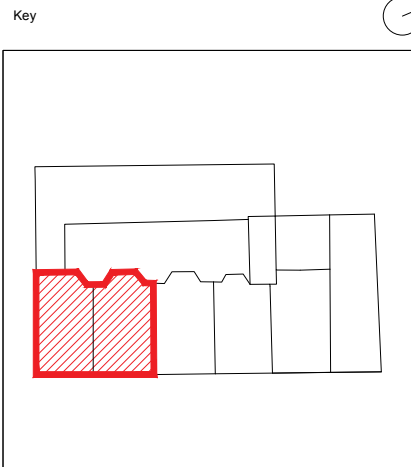
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- Notes
- Automist System to specialist details to meet manufacturers recommendations and building control approval

- Key
- Detector on ceiling
- cable/pipe route under floor from pump to nozzle, using existing routes wherever possible

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Project
20-22 Theobalds Road

Client
Fernglens Properties Ltd.

Drawing Title
Typical Section Details

Scale @ A1
1:5

Scale @ A3
1:10

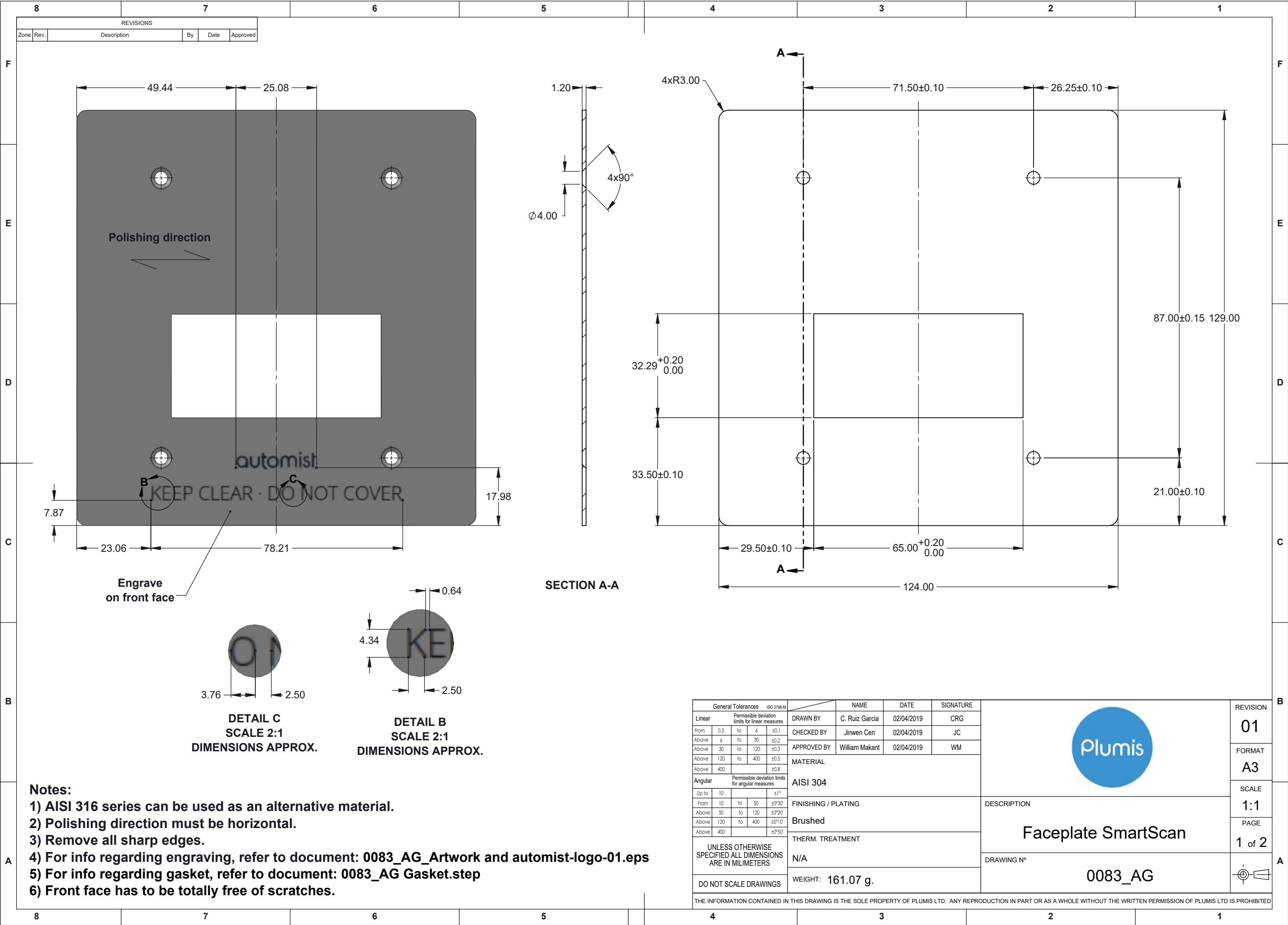
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Notes:

1) AISI 316 series can be used as an alternative material.

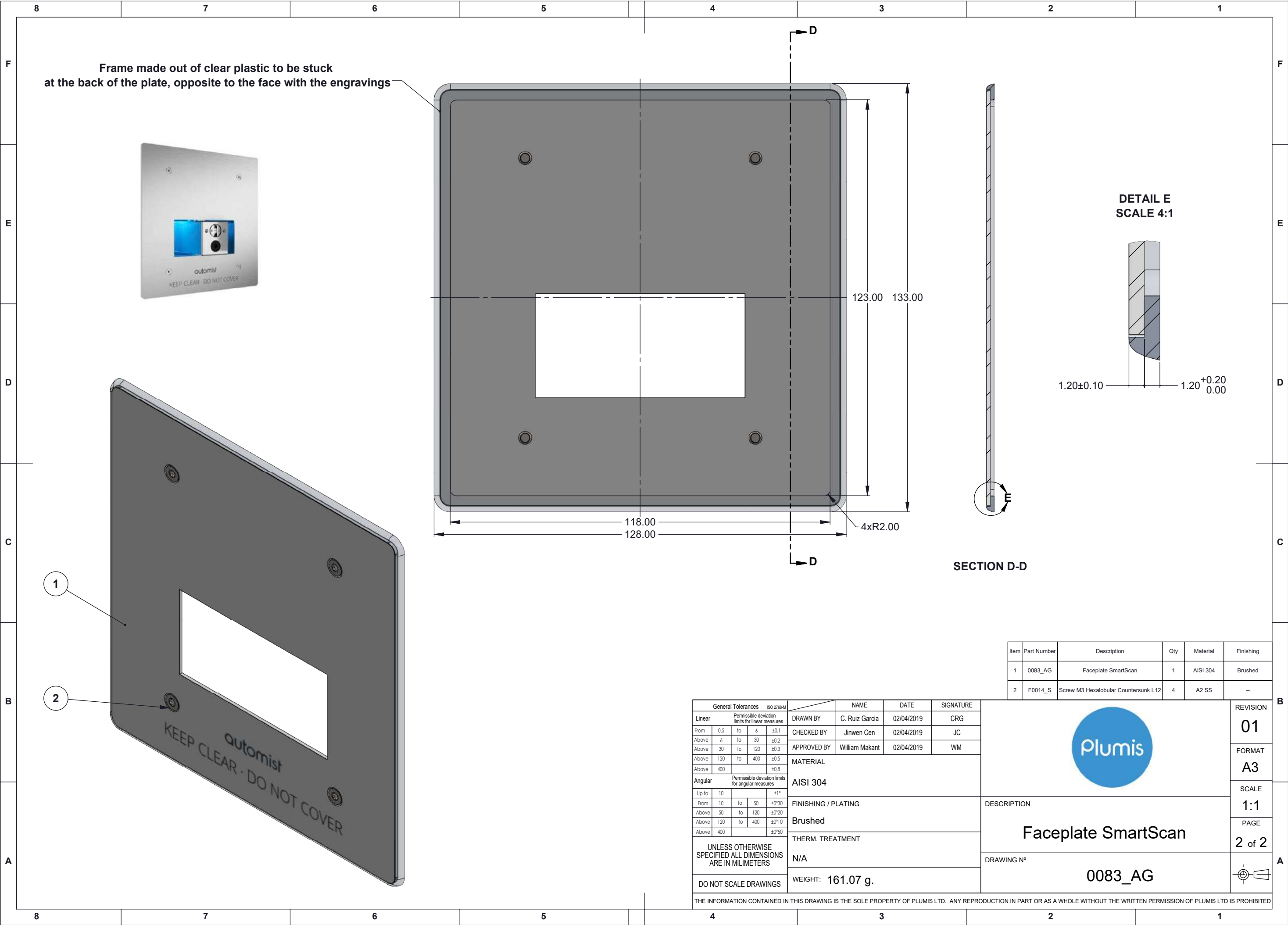
2) Polishing direction must be horizontal.

3) Remove all sharp edges.

4) For info regarding engraving, refer to document: 0083_AG_Artwork and automist-logo-01.eps

5) For info regarding gasket, refer to document: 0083_AG Gasket.step

6) Front face has to be totally free of scratches.





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When Sprinklers are Impractical... Approvers Trust Automist

We have made our name helping thousands of properties meet building regulations and convert to open plan living. Our newest solution, Automist Smartscan Hydra is better suited for larger developments and multi-residential properties by enabling up to six heads to be connected to one pump.

Now the same benefits of reduced plumbing requirements and less disruption can be applied to more properties cost effectively.



Why Automist® Smartscan Hydra?

Meets the highest performance standards

Automist® Smartscan has met the fire performance standards outlined in BS 8458.

Faster Approval

Automist® Smartscan is covered by an LABC registered detail, EWS534, allowing rapid local authority building control approval.

Low water usage

Automist® Smartscan can be simply installed on a standard domestic water main and doesn't require a plumbing upgrade or a water tank.

Minimise disruption

Typically installed in just a few hours with minimal impact to the building—in part due to the use of flexible high pressure hoses, which do not need to go through the ceiling.

Reliable activation

Automist® Smartscan Hydra has a robust double knock trigger which uses a combination of smoke, heat, and rate of rise. Therefore, it is not prone to false activations.

Minimising activation damage

Automist® Smartscan uses 90% less water than traditional sprinkler systems—minimising consequential water damage, whilst providing the same performance.

Low maintenance

Annual tests of the full system operation from detection to activation are quick and simple—usually taking only a few minutes.

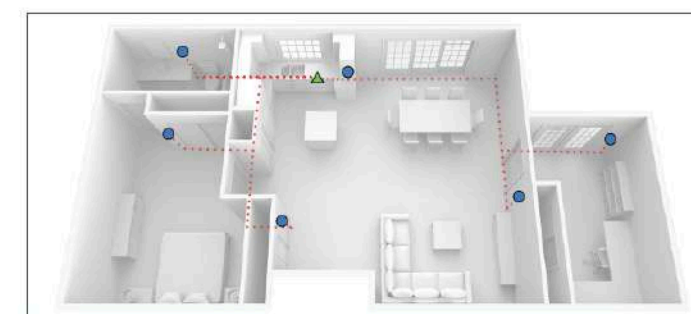
Chain of accountability

Automist® can only be installed by Accredited Resellers who are regularly tested, and audited, ensuring high standards are maintained.

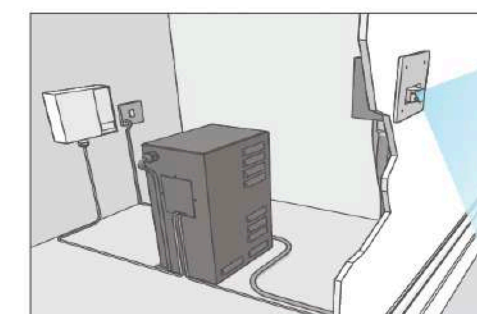
What Happens when Automist® Smartscan Hydra Activates?

When triggered by a Plumis multi-sensor wireless or wired detector, all the linked spray heads will begin scanning. They start measuring the temperatures within the room using an infrared sensor. The scan is looking for an exceptionally high temperature reading, or a differential increase between scans. Once the temperature exceeds a threshold that head is deemed to have successfully located a fire. All heads which locate a fire during a scan are then compared to see which has the best view.

The selected spray head will lock onto the selected location, and activate the high pressure pump, driving mains water through the unique nozzle unit, quickly directing a dense fog into the location of the fire. The high momentum vertical spray orientation with a horizontal trajectory is designed so even shielded fires are saturated with a turbulent flow of mist, suppressing the fire.



● Smartscan Hydra Head ▲ Pump ●●●●● Hose & Wire



Pump & Controller System overview

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