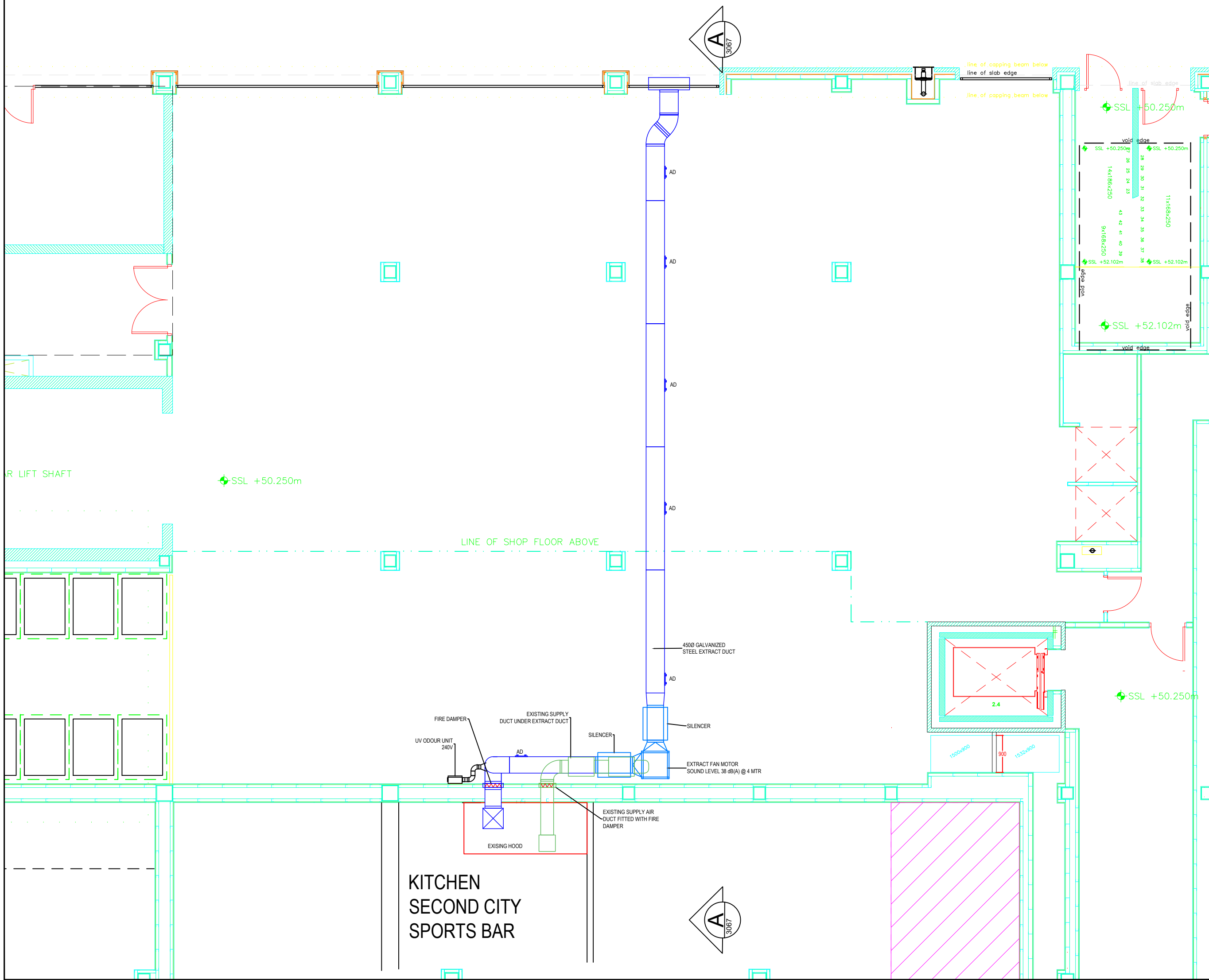




## Site Specific Note

| Project                                    | <b>Second City Sports Bar</b> |               |               |          |      |                                | Joh No. | 087 |
|--------------------------------------------|-------------------------------|---------------|---------------|----------|------|--------------------------------|---------|-----|
| Drawing Ref.                               | <b>As per survey</b>          |               |               |          |      |                                | New     |     |
|                                            |                               |               |               |          |      | Data:                          |         |     |
| <b>Emission as illustrated</b>             |                               |               |               |          |      |                                |         |     |
| Item                                       | Description                   | Width<br>(mm) | Depth<br>(mm) | Area     | TCC  | Flow Rate                      |         |     |
| Hell Plate                                 |                               | 300           | 600           | Electric | 0.16 | 0.25                           | 0.340   |     |
| Groffels                                   |                               | 300           | 600           | Electric | 0.16 | 0.25                           | 0.340   |     |
| Foyer                                      |                               | 600           | 600           | Electric | 0.31 | 0.46                           | 0.720   |     |
| Canteen floor                              |                               | 300           | 600           | Electric | 0.16 | 0.3                            | 0.145   |     |
| Kitchen                                    |                               | 600           | 600           | Electric | 0.31 | 0.79                           | 0.364   |     |
| Bathrooms Unit                             |                               | 1200          | 600           | Electric | 0.72 | 0.79                           | 0.108   |     |
|                                            |                               |               |               |          |      | 0.00                           | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
|                                            |                               |               |               |          | 0.03 |                                | 0.000   |     |
| <b>Theoretical extract volume required</b> |                               |               |               |          |      | 0.559m <sup>3</sup> /sec       |         |     |
| <b>Canopy Factor</b>                       |                               |               |               |          |      | <b>1.25</b>                    |         |     |
| <b>Extract Flow Rate MBS/E C</b>           |                               |               |               |          |      | <b>0.698 m<sup>3</sup>/sec</b> |         |     |
| <b>Supply Flow Rate (65%) MBS/E C</b>      |                               |               |               |          |      | <b>0.454 m<sup>3</sup>/sec</b> |         |     |

The above calculation rate allow ventilation of equipment under the canopy only it doesnot allowfor general ventilationsinto the kitchen ,and its based on DWTI T Extract FlowRate Calculation Method A

The above calculation is to allow ventilation of equipment under the canopy hood only the air volumes above are the minimum design values, it does not allow for general ventilation to the kitchen area and is based on section 5.3 DW / 172 Calculation Method 1. Due to the thermal efficiency of new buildings and air tightness requirements we would strongly recommend that the makeup air is via a dedicated passive filtered duct system to reduce the negative pressure in the kitchen area. ( a passive vent has not included in our design or costs )

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## Revision Notes

| Rev | Date | Details |
|-----|------|---------|
|     |      |         |

## Drawing issued for

|                         |          |                        |       |                                               |          |
|-------------------------|----------|------------------------|-------|-----------------------------------------------|----------|
| Comment                 |          | Approval               |       | <input checked="" type="checkbox"/> As Fitted |          |
| Client                  |          | VISION                 |       |                                               |          |
| Clients Project Manager |          | CHRIS ROUINE           |       |                                               |          |
| Clients DWG No          |          |                        |       |                                               |          |
| Project Name            |          | SECOND CITY SPORTS BAR |       |                                               |          |
| Postcode                |          | M4 6AJ                 |       |                                               |          |
| Our DWG No              |          | 3067.001 PLAN          |       |                                               |          |
| Drawn By                | Revision | Checked By             | Scale |                                               | Date     |
| MP                      | -        | -                      | NTS   |                                               | 05-12-18 |

