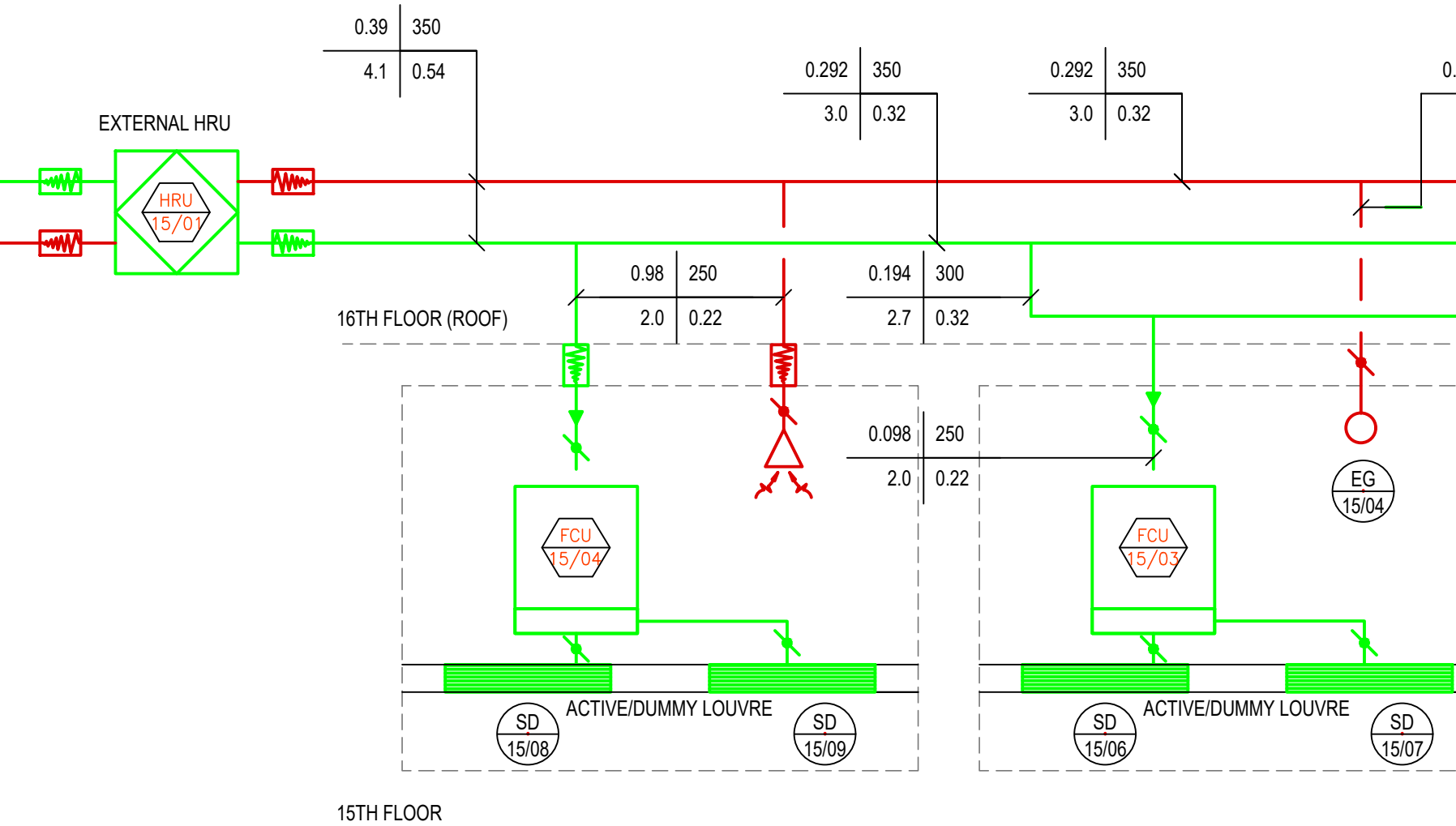
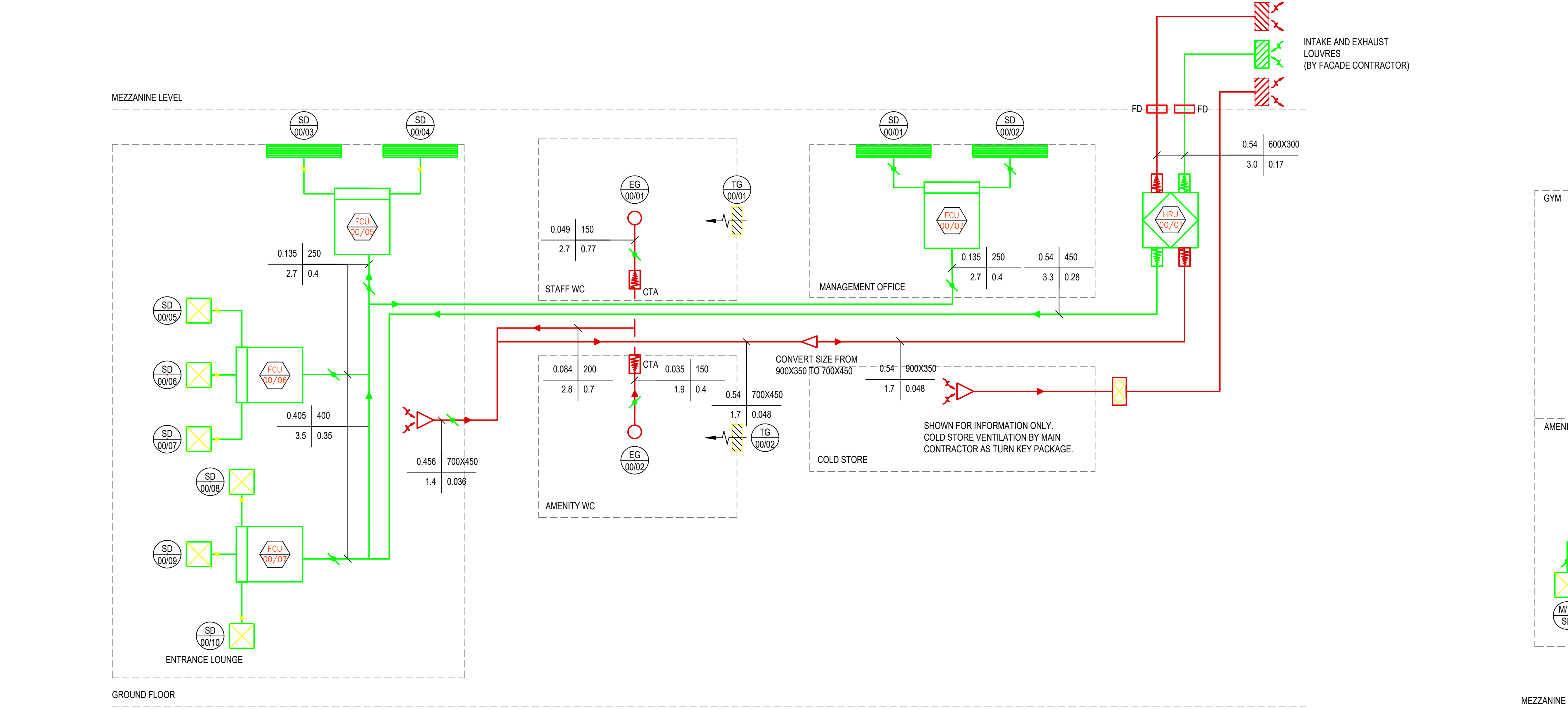


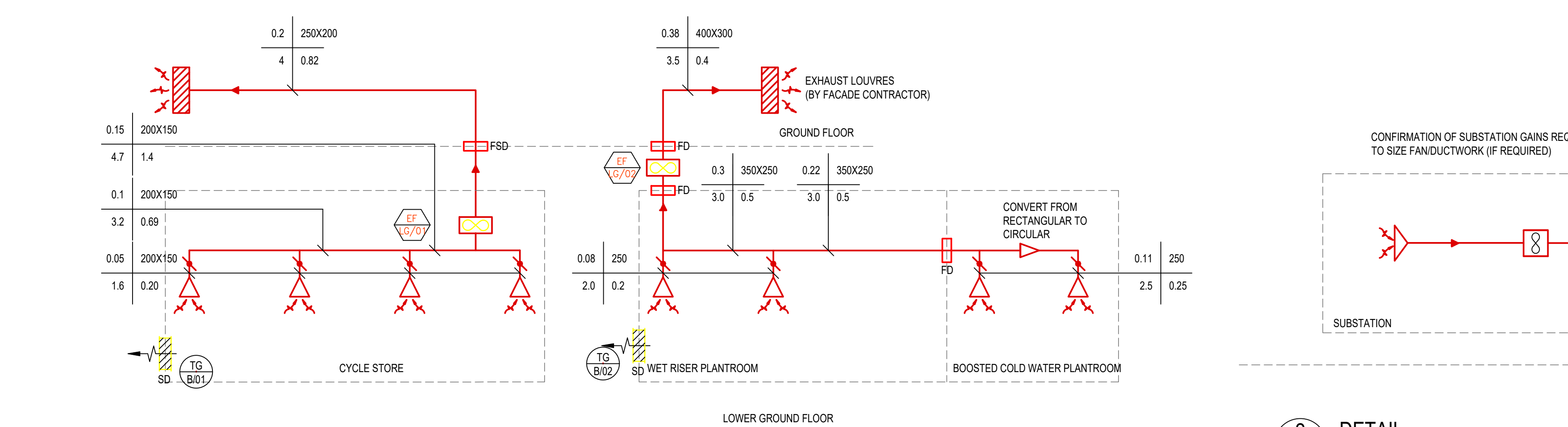
9 DETAIL  
LEVEL 15 AFFINITY LIVING SPACE  
TOILET EXTRACT SCHEMATIC



7 DETAIL  
LEVEL 15 AFFINITY LIVING SPACE  
VENTILATION SCHEMATIC



5 DETAIL  
GROUND FLOOR ENTRANCE LOBBY AND OFFICE  
VENTILATION SCHEMATIC



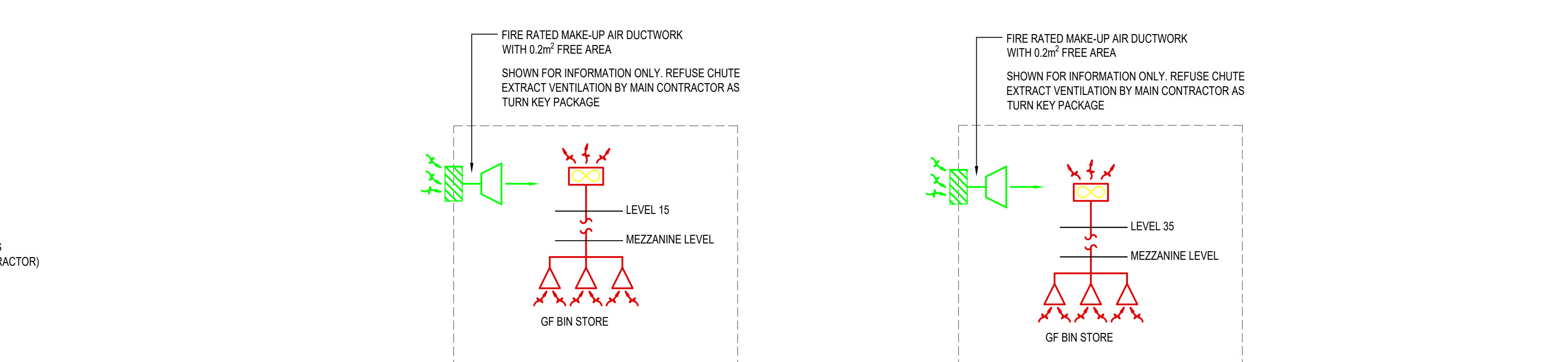
1 DETAIL  
LOWER GROUND LEVEL CYCLE STORE & PLANTROOM  
VENTILATION SCHEMATIC

NTS

2 DETAIL  
GROUND FLOOR SUBSTATION  
EXTRACT VENTILATION SCHEMATIC

NTS

6 DETAIL  
MEZZANINE LEVEL AMENITY  
VENTILATION SCHEMATIC

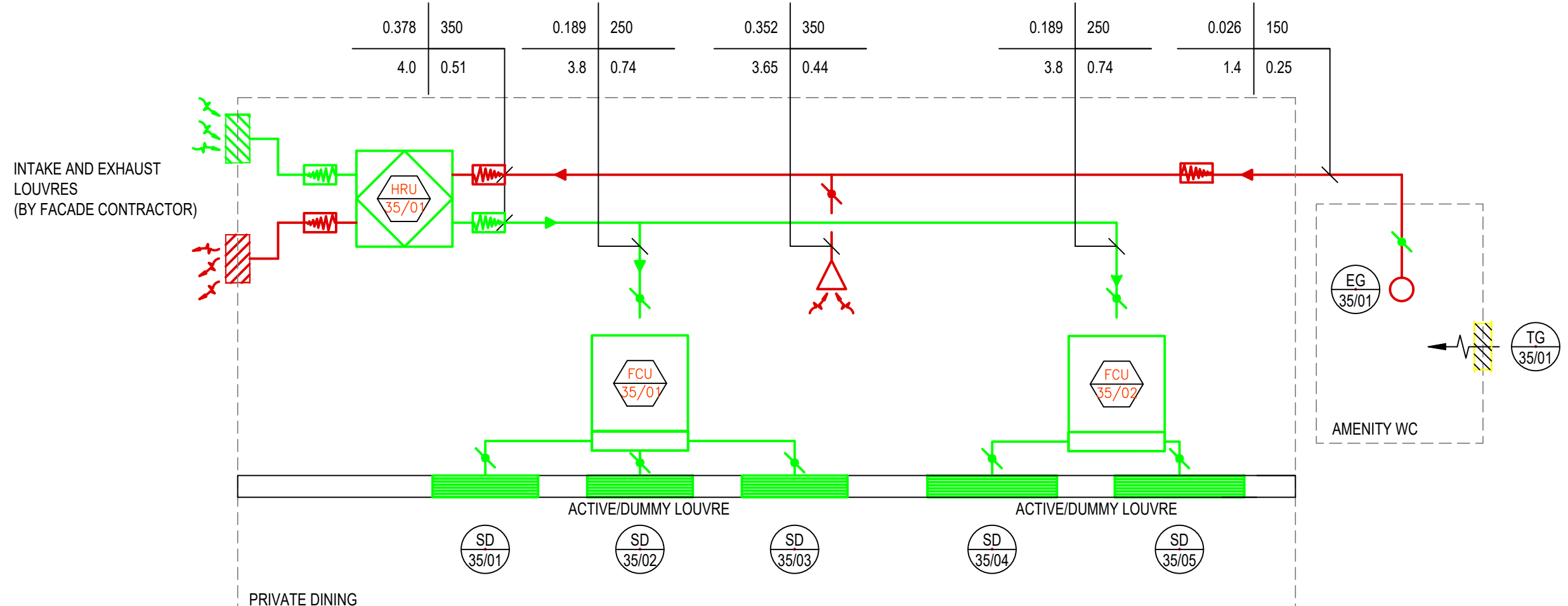


3 DETAIL  
GROUND FLOOR EAST REFUSE STORE  
EXTRACT VENTILATION SCHEMATIC

NTS

4 DETAIL  
GROUND FLOOR WEST REFUSE STORE  
EXTRACT VENTILATION SCHEMATIC

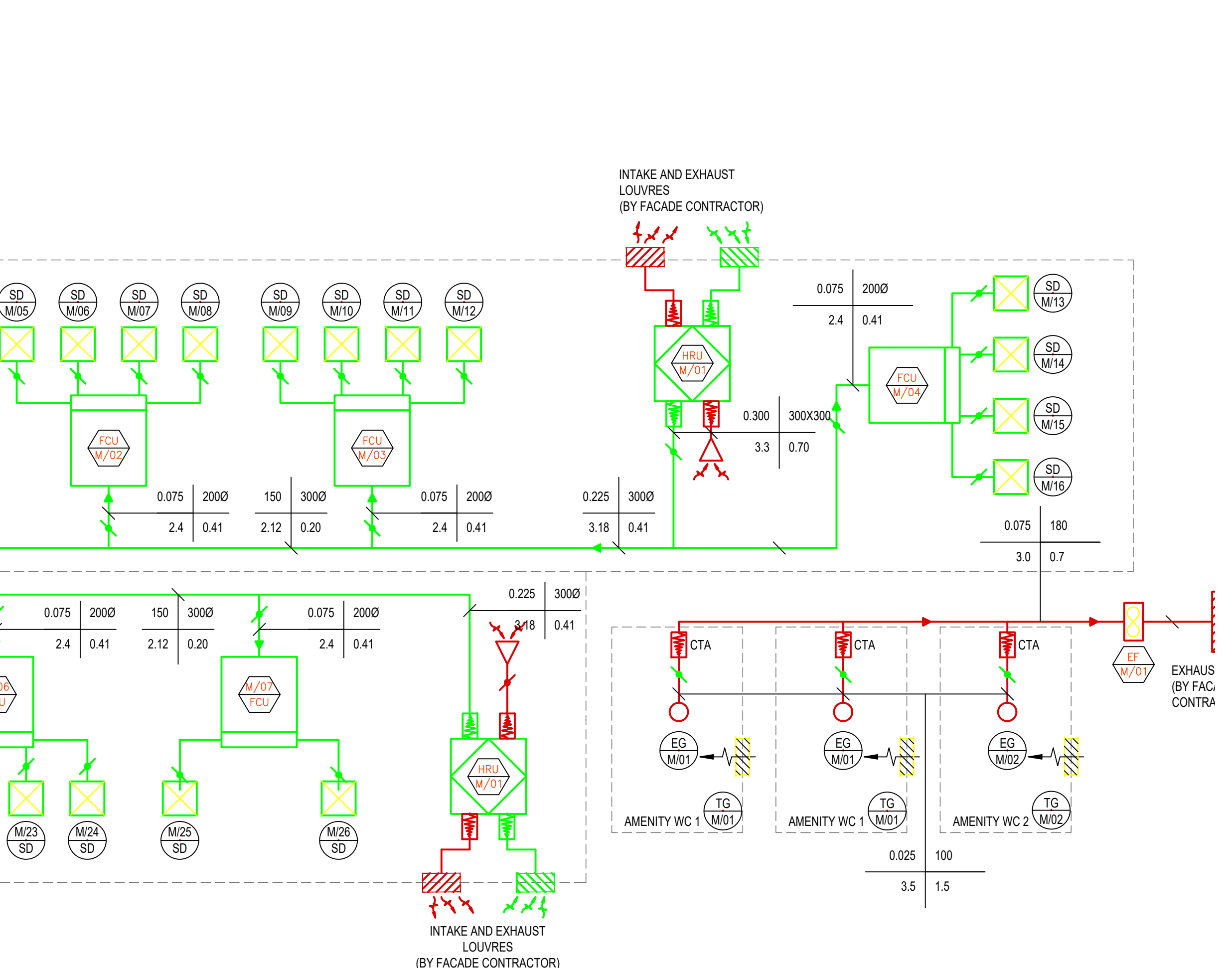
NTS



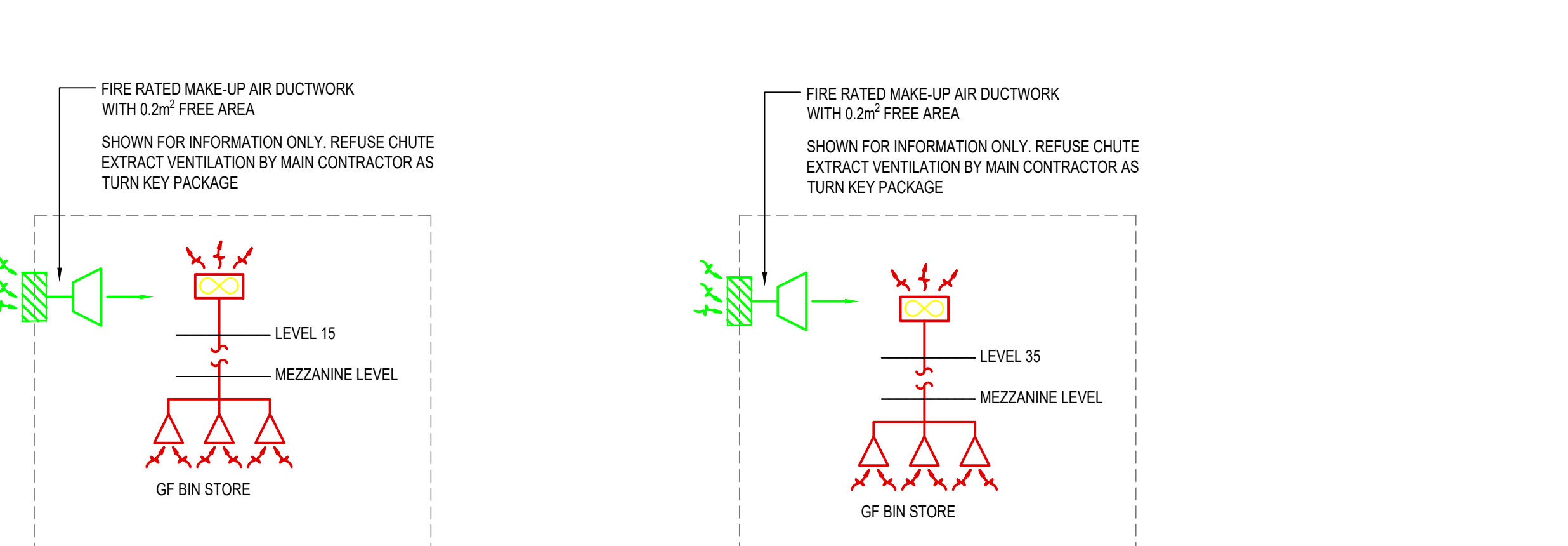
8 DETAIL  
LEVEL 35 AFFINITY LIVING SPACE  
VENTILATION SCHEMATIC



DETAIL



DETAIL



DETAIL

NTS

DETAIL

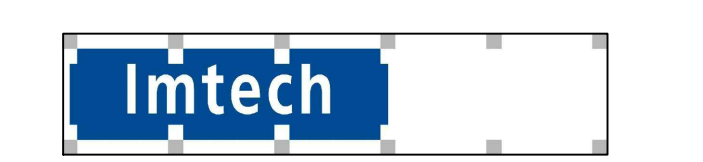
NTS

- LEGEND
- HRU HEAT RECOVERY UNIT
  - FCU FAN COIL UNIT
  - SD SUPPLY DIFFUSER
  - EG EXTRACT GRILLE
  - EXTRACT VALVE
  - LINEAR SLOT DIFFUSER
  - EXTRACT VALVE
  - TRANSFER GRILLE (SD DENOTES SMOKE DAMPER)
  - BELLMOUTH
  - AXIAL FAN
  - VOLUME CONTROL DAMPER
  - CTA CROSS TALK ATTENUATOR
  - FD FIRE DAMPER
  - SD SMOKE DAMPER
- 10mm OR mm x mm  
mm Path DUCTWORK SIZING CROSS HAIR

- NOTES
- PLEASE NOTE THAT FIRE/SMOKE DAMPERS ARE REQUIRED IN LINE WITH THE LATEST FIRE STRATEGY DOCUMENT.
  - OCCUPANCY LEVELS ARE BASED ON FIRE STRATEGY WITH 60% DIVERSITY INCLUDED.
  - TRANSFER GRILLES TO BE PROVIDED AND INSTALLED BY MAIN CONTRACTOR.
  - ADDITIONAL INTAKE FILTRATION TO BE PROVIDED IN LINE WITH AIR QUALITY ASSESSMENT.
  - ALL LOUVRES TO BE PROVIDED AS PART OF THE FACADE PACKAGE.
  - VENTS ON FRESH AIR DUCTWORK TO BE MINIMUM 5x DUCT DIAMETER FROM OPEN END OF DUCT

|     |                  |          |            |              |
|-----|------------------|----------|------------|--------------|
| CSH | AMENITIES UPDATE | BW       | BH         | 20.04.20     |
| CSH | MECH COMMENTS    | BW       | BH         | 16.12.19     |
| CSH | AS CLOUDED       | BW       | BH         | 13.09.19     |
| CSH | AS CLOUDED       | BH       | ES         | 17.05.19     |
| CSH | CONTRACT ISSUE   | MB       | ES         | 22.02.19     |
| Rev | Description      | Drawn by | Checked by | Checked date |
| CWC |                  |          | Checker    | Approver     |

| CHECK PLOT           |                |                                                  |  |
|----------------------|----------------|--------------------------------------------------|--|
| UNCONTROLLED DRAWING |                |                                                  |  |
| A                    | OK             | ready for transmission                           |  |
| B                    | Minor Comments | needs to be actioned then ready for transmission |  |
| C                    | Major Comments | needs to be actioned then returned for checking  |  |
| Signed               |                | Date                                             |  |



Intech Engineering Services North  
Calder House, St Georges Park  
Kirkham, Lancashire PR4 2DZ  
T +44 (0)1772 471 111  
www.intech.co.uk

|                 |                          |                                    |
|-----------------|--------------------------|------------------------------------|
| client approval | A Approved               | client approval, initials and date |
|                 | B Approved with Comments |                                    |
|                 | C Not Approved           |                                    |



project  
Circle Square  
Affinity Living  
drawing title  
Zone: ZT Level: XX  
Service: Mechanical Schematic  
Ventilation Schematic 1

|                           |                   |             |                |          |          |
|---------------------------|-------------------|-------------|----------------|----------|----------|
| drawing status            | revision of issue | scale       | project number | drawn by | date     |
| NTS @ 400mm               | S3                | A0          | P0700090       | CWC      | 02.02.18 |
| drawn by                  | checked by        | approved by | project number | drawn by | date     |
| CWC                       | CWC               | CWC         | P0700090       | CWC      | 02.02.18 |
| CSAL-IES-ZT-XX-DR-M-50001 |                   |             |                |          |          |

Contract Issue