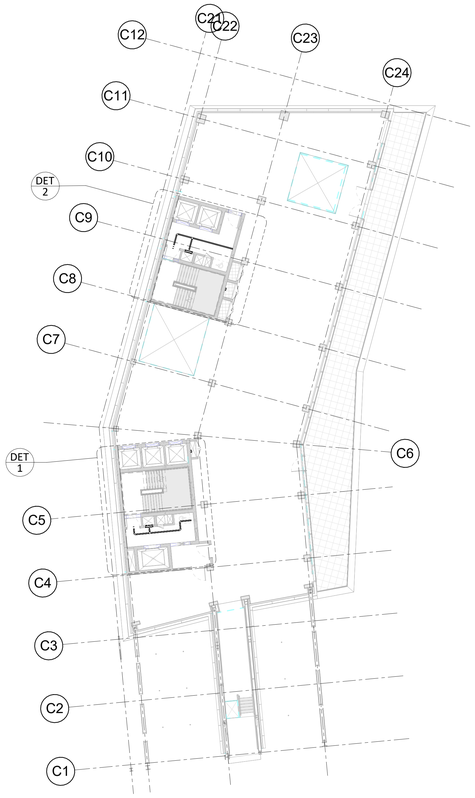
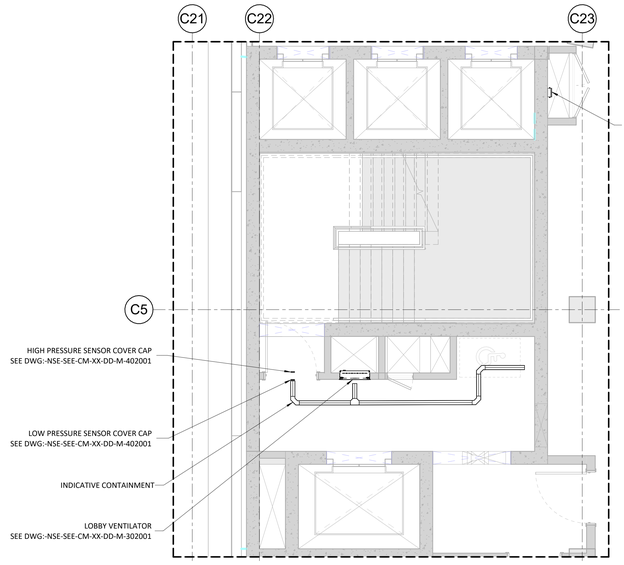
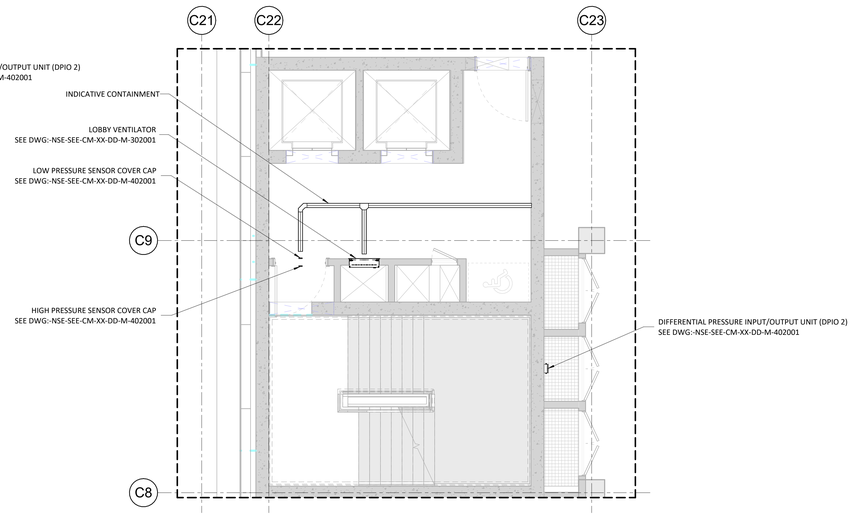


GA **GENERAL ARRANGEMENT**
1 : 200



1 **DETAIL - STAIR 1**
1 : 50



2 **DETAIL - STAIR 3**
1 : 50

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DO NOT SCALE OFF THIS DRAWING

DRAWING STAGE DEFINITIONS (BSRIA BG6/2014)

STAGE 2	CONCEPT
STAGE 3B	DEVELOPED DESIGN
STAGE 4A	TECHNICAL DESIGN
STAGE 4B	COORDINATED WORKING
STAGE 5	INSTALLATION DRAWING/RECORD

For full definitions refer to BSRIA BG6/2014 Table 1

KEY PLAN

SCALE 1:50 @ A0

SCALE 1:200 @ A0

MECHANICAL SMOKE SHAFT NOTE:

1.SHAFT TO BE SMOOTH INTERNALLY, SUBSTANTIALLY AIR TIGHT, STRAIGHT AND FIRE RATED AS APPROPRIATE TO THE SURROUNDING STRUCTURES.
2.MINIMUM SHAFT DIMENSION TO BE 0.6m² AND WITH AN ASPECT RATIO OF NO MORE THAN 2:1.
3.MAXIMUM SHAFT LEAKAGE RATE TO BE NO MORE THAN 3.8m³/HOUR/m² @ 50Pa.
4.TOP OF THE LOBBY VENTILATOR TO BE A MINIMUM OF 75mm FROM FINISHED CEILING LEVEL.
5.FOR ADDITIONAL GUIDANCE REFER TO COLT DESIGN GUIDE FOR CONSTRUCTION OF SHAFTS FOR SMOKE VENTILATION.

0.0 COLT - Revit Links
Type
NSE-POP-CM-ZZ-M3-A-001000_COMMERCIAL MAIN MODEL_S2 - Suitable for Information_P53_0.rvt
NSE-MEE-CM-ZZ-M3-Z-000001.rvt
NSE-BHE-CM-ZZ-M3-S-001000.rvt
COLT'S REVIT MODEL: NSE-SEE-CM-ZZ-M3-502001

Rev	Drn	Ck'd	Date	Description
C01	AC	RFJS	15.08.25	CONSTRUCTION ISSUE - EQUIPMENT SIZE UPDATED
P01	RS	GW/JS	24.01.25	PRELIMINARY ISSUE

Scale: AS INDICATED@ — Original Size: A0

Status: A5 - FOR AUTHORISATION AS STAGE COMPLETE

Client

Project: ETIHAD

Title: COMMERCIAL - SMOKE EXTRACT SYSTEM GENERAL ARRANGEMENT TYPICAL LEVEL 02,04,06

Drawing No.: NSE-SEE-CM -ZZ-DP-M-202003 — Revision: C01

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