Reference	Revision
C3016 - 24 - MS - 01.1	-

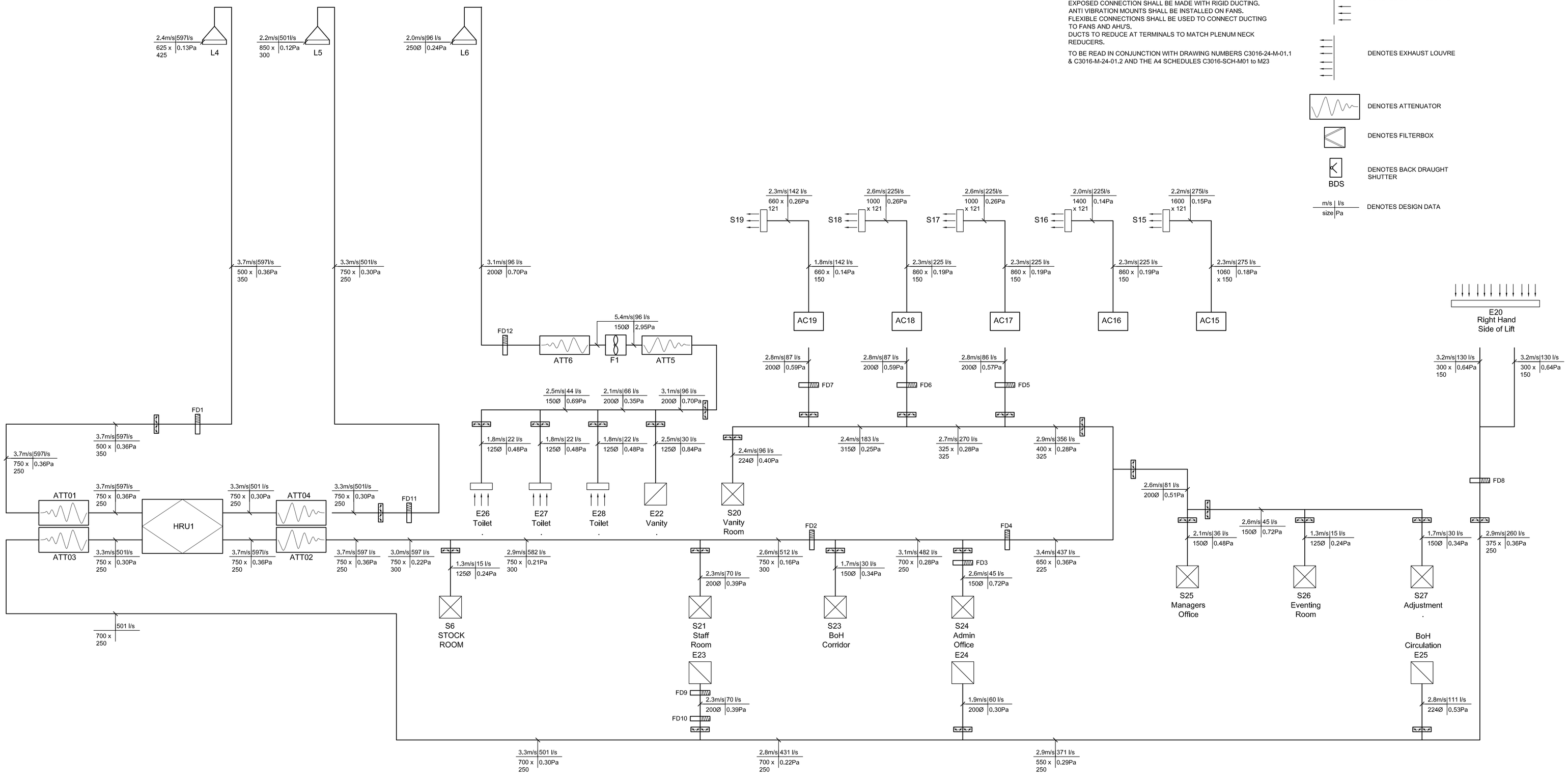
INSTALLATION SHALL COMPLY FULLY WITH MANUFACTURERS RECOMENDATIONS, CURRENT REGULATIONS AND CODES OF PRACTICE

SITE MEASUREMENTS SHALL BE TAKEN PRIOR TO MANUFACTURING DUCTING
CIRCULAR DUCT SIZES MAY BE ALTERED TO RECTANGULAR OF EQUIVALENT CROSS SECTIONAL AREAS.
WHERE DUCTS CROSS EACH OTHER THE DUCTS MAY BE ALTERED TO RECTANGULAR TO ENABLE INSTALLATION WITHIN THE AVAILABLE SPACE OF EQUIVALENT CROSS SECTIONAL AREA..
THESE DRAWINGS DO NOT SHOW VERTICAL OFFSETS. CONTRACTOR TO MAKE DUE ALLOWANCE FOR OFFSETS/ BENDS TO AVOID CLASHES OF DUCTS AT CROSS-OVERS.
SUPPLY DUCTING SHALL BE INSULATED.
EXTRACT DUCTING USED FOR HEAT RECOVERY SHALL BE INSULATED.
ACCESS PANELS SHALL BE INSTALLED ON BOTH SIDES OF FIRE DAMPERS.
ACCESS PANELS SHALL BE INSTALLED ON ONE SIDE OF VOLUME CONTROL DAMPERS.
FIRE DAMPERS SHALL BE INSTALLED IN ALL NEW DUCTS PASSING THROUGH FLOORS.
WHERE DUCTS CONNECT TO GRILLES / DIFFUSERS ABOVE CEILINGS SHORT FINAL LENGTHS OF INSULATED FLEXIBLE DUCTING SHALL BE PERMITTED. BENDS SHALL NOT BE FORMED USING FLEXIBLE DUCTING, WHERE DROPPING TO GRILLES A FABRICATED BEND SHALL BE USED.
WHERE DUCT CONNECTIONS TO GRILLES / DIFFUSERS ARE EXPOSED CONNECTION SHALL BE MADE WITH RIGID DUCTING.
ANTI VIBRATION MOUNTS SHALL BE INSTALLED ON FANS.
FLEXIBLE CONNECTIONS SHALL BE USED TO CONNECT DUCTING TO FANS AND AHU'S.
DUCTS TO REDUCE AT TERMINALS TO MATCH PLENUM NECK REDUCERS.

TO BE READ IN CONJUNCTION WITH DRAWING NUMBERS C3016-24-M-01.1 & C3016-M-24-01.2 AND THE A4 SCHEDULES C3016-SCH-M01 to M23

LEGEND

- DENOTES SUPPLY DIFFUSER / GRILLE
- DENOTES SUPPLY DIFFUSER / GRILLE
- DENOTES EXTRACT DIFFUSER / GRILLE
- DENOTES EXTRACT DIFFUSER / GRILLE
- DENOTES VOLUME CONTROL DAMPER
- DENOTES FIRE DAMPER
- DENOTES SUPPLY LOUVRE
- DENOTES EXHAUST LOUVRE
- DENOTES ATTENUATOR
- DENOTES FILTERBOX
- BDS — DENOTES BACK DRAUGHT SHUTTER
- m/s | l/s / size | Pa — DENOTES DESIGN DATA



Rev	Date	Description	By	Chk
-	29/08/24	First Issue	MT	-

Status: FOR APPROVAL

Oak Electrical
BUILDING SERVICES ENGINEERS
Werner Court, Blue Ridge Park, Glasshoughton
(M62 - J32) Castleford, West Yorkshire
Telephone (01977) 55 55 92 Fax (01977) 55 52 46
◉ CASTLEFORD ○ BIRMINGHAM
www.oak-electrical.com info@oak-electrical.com

Client
Watches of Switzerland Group
2 Elland Road
Braunstone
Leicester, LE3 1TT

Project
Mappin & Webb
17-21 St Anns Square
Manchester
M2 7PW

Drawing Title
MECHANICAL SERVICES
Ventilation Schematic
(Left Side of Lift)

Drawing No	Revision
C3016 - 24 - MS - 01.1	-

Scale	Date	Engineer	Checked
NTS @ A1	Aug 2024	MT	BP

CAD ORIGINAL - Do not modify by hand.