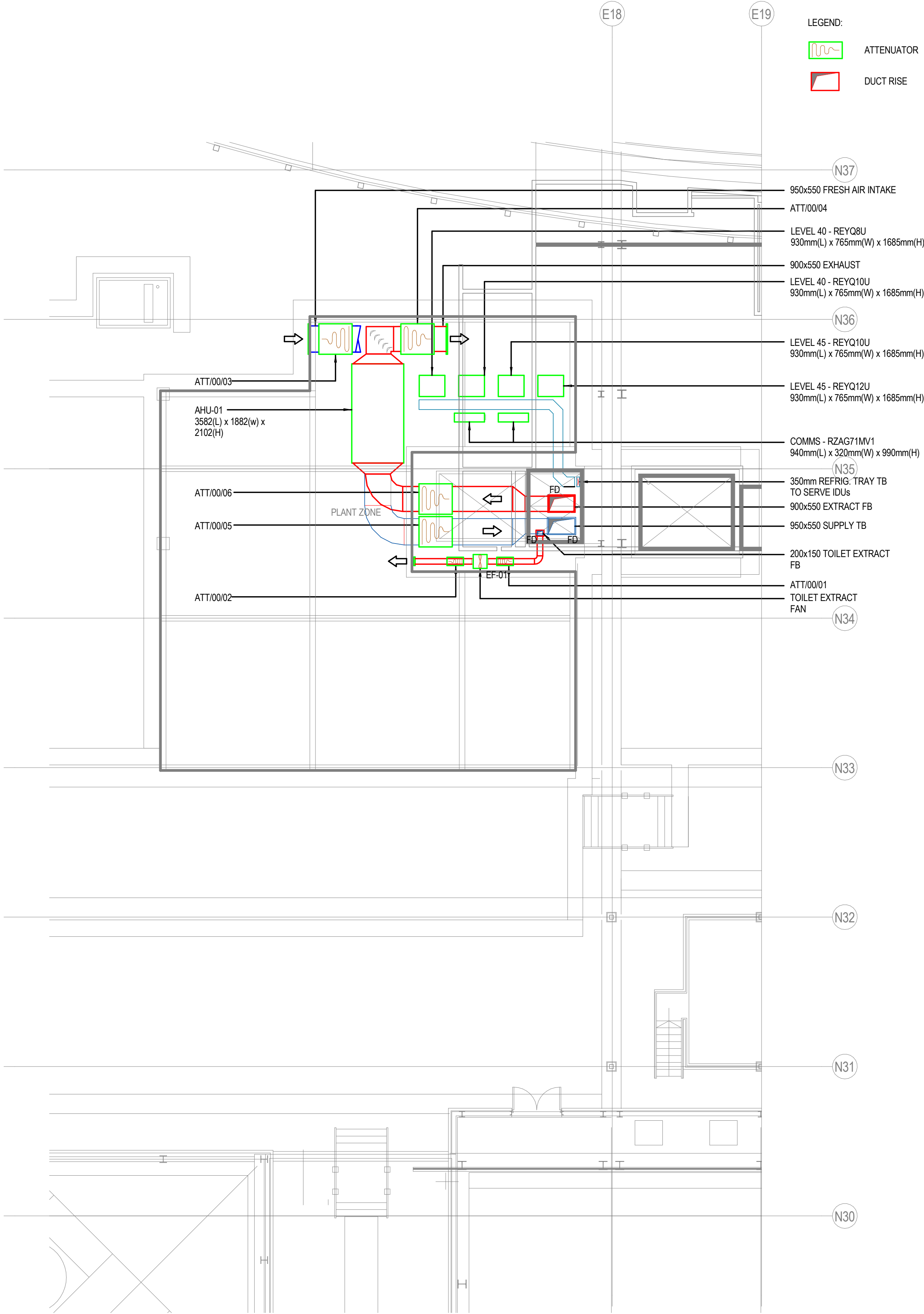




LEGEND:

- CONCEPT DRAWING
- DEVELOPED DESIGN DRAWING
- TECHNICAL DESIGN DRAWING
- DUCT RISE
- ATTENUATOR

STANDARD NOTES:

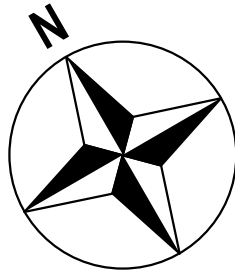
- THE DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER RELEVANT DOCUMENTS AND DRAWINGS PROVIDED BY WSP.
- THE DRAWING INDICATES THE DESIGN INTENT FOR THE WORKS.
- THE DRAWING DOES NOT INDICATE THE PRECISE POSITION OF SERVICES ITEMS AND SERVICE ROUTES IN SUCH DETAILS AS TO INDICATE THE DESIGN. THE DRAWING DOES NOT SHOW ALL COMPONENTS THAT MAY BE NECESSARY TO LOCATE SERVICES IN A FULLY COORDINATED MANNER.
- THE POSITION OF ALL CONNECTION POINTS, ACCESSORIES, EQUIPMENT AND OTHER BUILDING SERVICES ITEMS AS SHOWN ON THE DRAWING ARE APPROXIMATE AND FOR GUIDANCE IN THE PREPARATION OF THE TENDER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THE INSTALLATION AND SHALL TAKE ACCOUNT OF ALL THE OTHER WORKS AND TRADES EITHER DURING OR PRIORTO THEIR INCORPORATION INTO THE WORKS.
- COORDINATION WORKING DRAWINGS, INSTALLATION DRAWINGS AND BUILDERS WORK DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR.
- WSP IS NOT RESPONSIBLE FOR THE DESIGN AND COORDINATION OF ACCESS PLATFORMS, ACCESS COVERS, GRATINGS, LADDERS, STAIRS, RAILS, AND PROTECTING ELEMENTS REQUIRED FOR FUTURE MAINTENANCE AND OPERATION OF THE WORKS.
- THE DRAWING SHALL BE USED FOR THE INTENDED PURPOSE ONLY AND WSP WILL NOT BE HELD RESPONSIBLE FOR ANY OTHER USE.
- THE DRAWING HAS BEEN BASED ON INFORMATION PROVIDED BY THE PARTIES AND WSP DO NOT WARRANT THE ACCURACY OF THIS INFORMATION.

DIMENSIONS:

- DIMENSIONS SHALL NOT TO BE SCALED FROM THE DRAWING AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL DIMENSIONS AND LEVELS ON SITE FOR THE ACTUAL SETTING OUT OF THE WORKS.
- WSP IS NOT RESPONSIBLE FOR CHECKING DIMENSIONS ON SITE.
- WSP IS NOT RESPONSIBLE FOR SETTING OUT GRID LINES, BUILDING LINES ETC.
- WSP IS NOT RESPONSIBLE FOR DIMENSIONS USED IN THE ORDERING AND MANUFACTURING OF EQUIPMENT AND THIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

HEALTH AND SAFETY:

- THE DRAWING SHALL BE READ IN CONJUNCTION WITH THE HEALTH AND SAFETY INFORMATION PROVIDED IN THE TENDER DOCUMENTATION AND/ OR WITHIN PRE-CONSTRUCTION INFORMATION.
- BEFORE COMMENCEMENT OF WORKS ASSOCIATED WITH THE DRAWING REFER TO ALL RELEVANT HEALTH AND SAFETY INFORMATION FOR THE WORKS INCLUDING RESIDUAL RISK INFORMATION.



DO NOT SCALE

VENTILATION NOTES:

- FOR CONTINUATION DETAILS TO ROOF SPACE SEE DRAWING NUMBER NRM-WSP-XX-03-DR-M-570101.
- ALL VENTILATION DUCTWORK SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE HEATING, VENTILATION CONTRACTORS ASSOCIATION (HVCA) DOCUMENT DW144. DUCTWORK SHALL BE LOW VELOCITY/PRESSURE - CLASS 'A'.
- ALL VENTILATION DUCTWORK SHALL BE LEAKAGE TESTED IN ACCORDANCE WITH HVCA DOCUMENT DW143.
- ALL SUPPLY AND EXTRACT VENTILATION DUCTWORK SYSTEMS SHALL BE INSULATED TO THE REQUIREMENTS OF THE SPECIFICATION.
- FIRE DAMPERS SHALL BE INSTALLED IN ALL VENTILATION DUCTWORK SYSTEMS WHERE ANY DUCTWORK CROSSES A FIRE COMPARTMENT WALL AND/OR ENTERS OR EXITS A SERVICE RISER FIRE ALARM SYSTEM TO INTERFACE WITH FIRE DAMPERS SITUATED WITHIN HVAC SYSTEM. LOCATION TBC AT STAGE 4 IN LINE WITH THE PROJECT FIRE STRATEGY.
- ACCESS PANELS SHALL BE INSTALLED ADJACENT TO ALL VOLUME CONTROL, FIRE AND SMOKE DAMPERS IN ACCORDANCE WITH THE REQUIREMENTS OF HVAC DW144.
- DUCTWORK CONNECTIONS TO ALL FANS ARE TO BE ISOLATED USING FLEXIBLE CONNECTIONS.
- IF FINAL CONNECTIONS TO GRILLES OR DIFFUSERS ARE INSTALLED USING FLEXIBLE CONNECTIONS, THESE SHALL BE LIMITED TO A MAXIMUM LENGTH OF 300mm.
- SIZES OF EQUIPMENT/ PLANT SHOWN ARE INDICATIVE AND MAY VARY DEPENDING ON FINAL SELECTION OF MANUFACTURER.
- ALL TERMINATIONS AT GRILLES REQUIRE VCD'S. THE ROUTES (ON ALL DRAWINGS FOR ALL LEVELS) SHOW INDICATIVE ROUTE.
- TO MEET LEED TARGETED CREDITS (LOW CARBON REQUIREMENTS), ALL DUCTWORK IS TO BE INSTALLED IN ECODUCT, OR EQUAL / APPROVED.
- FIRE DAMPERS ARE TO BE LINE SIZE AND ARE TO BE FUSIBLE LINK TYPE.

PD2	01.03.2023	RS	ISSUED FOR STAGE 4 DESIGN	DB	RJ
PD1	16.12.2022	RS	ISSUED FOR STAGE 3 DESIGN	DB	RJ
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS:
S4 - ISSUED FOR STAGE APPROVAL

wsp

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<http://www.wsp.com>

CLIENT:
NIKE

ARCHITECT:
WOODS BAGOT

PROJECT:
NIKE RISE STORES
MANCHESTER

TITLE:
MECHANICAL SERVICES
PLANT DECK
VENTILATION & AIR CONDITIONING
PROPOSED GENERAL ARRANGEMENT LAYOUT

SCALE @ A1: 1:100	CHECKED: DB	APPROVED: RJ
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PROJECT NUMBER: 70097489	DESIGNED: RS	DRAWN: SS	DATE: 16.12.2022
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DRAWING No: NRM-WSP-XX-03-DR-M-570101	REV: P02
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