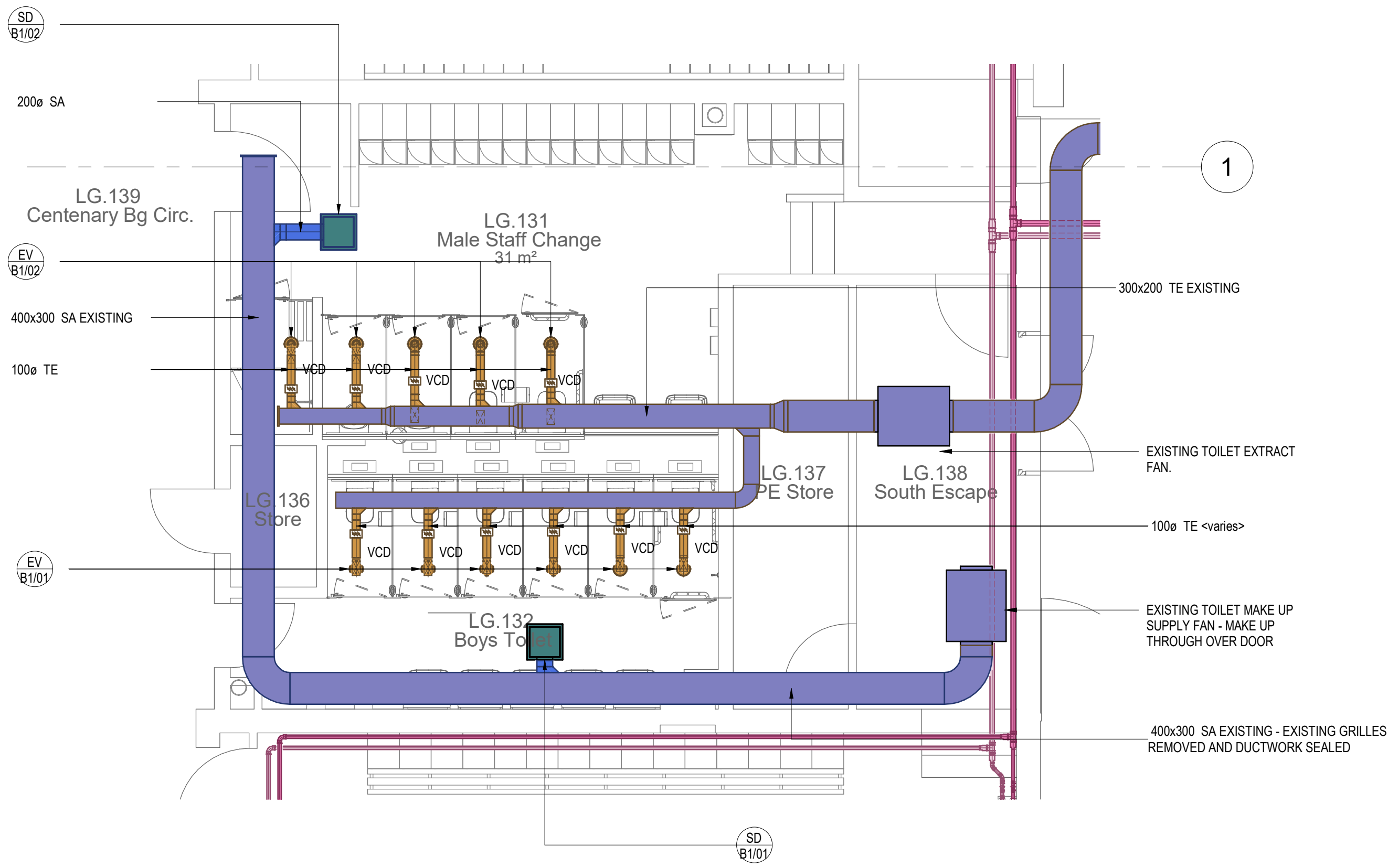
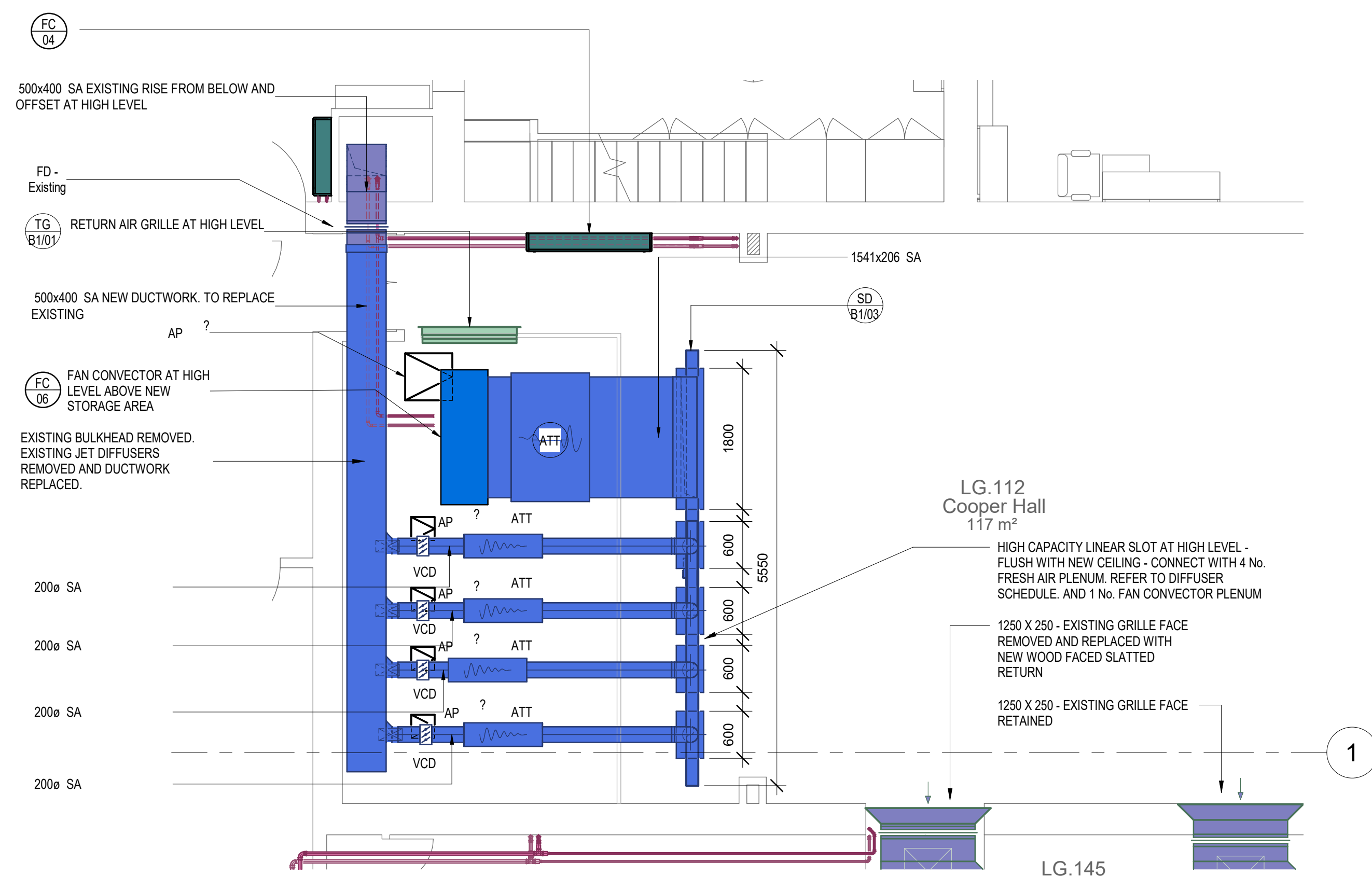


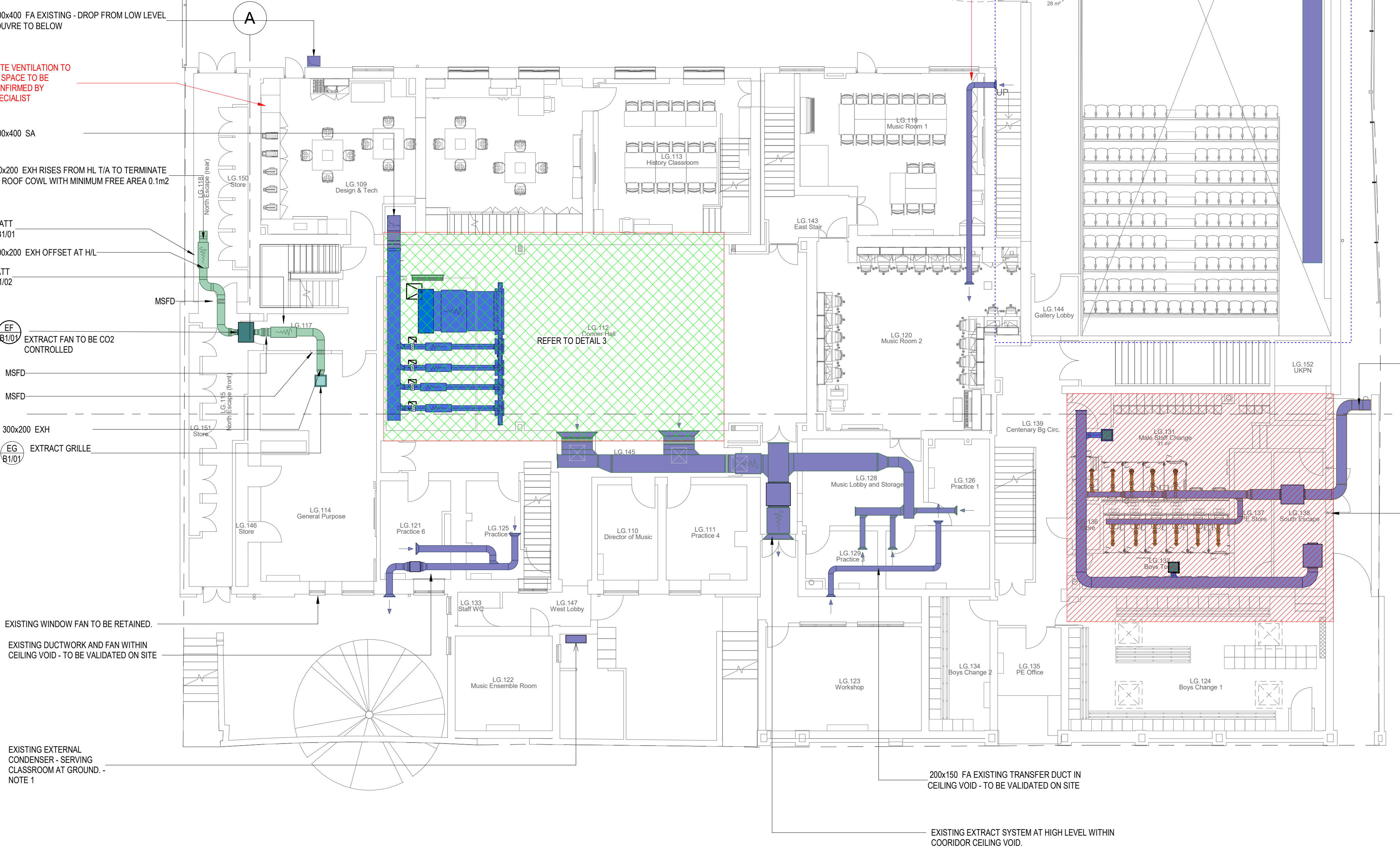
2 Wathen Hall AHU  
1:50



4 Ventilation Changing  
1:50



3 Cooper Hall Ventilation  
1:50



1 Lower Ground - Ventilation Layout  
1:100

DRAWING SPECIFIC NOTES

WATHEN HALL AHU

- NOTE 1) EXISTING CHILLER - CONTRACTOR TO UNDERTAKE CONDITION SURVEY ON CHILLER. UNDERTAKE REFRUBISHMENT WHERE REQUIRED AND VALIDATE CHILLER OPERATION ALONG WITH ASSOCIATED PUMPS, CONTROL VALVES AND CONTROLS VIA MCP BOARD.
- NOTE 2) SLAB ABOVE PLANT ROOM TO BE REMOVED DURING STRUCTURAL WORKS OVER PLANT ROOM ALONG WITH WEATHER PROTECTION. WHERE REQUIRED PROVIDE DECOMMISSIONING OF SERVICES FOR REMOVAL AND SAFE STORAGE FOR THE DURATION OF STRUCTURAL OR UNTIL PLANT ROOM WEATHER INTEGRITY REINATED. ALL PLANT TO BE DE-ENGERSSED AND PROTECTED FOR THE DURATION OF STRUCTURAL WORKS.
- NOTE 3) MEP CONTRACTOR TO ALLOW FOR PROVISION OF NEW BAG FILTERS ALONG WITH 2No. SPARE SETS. G4 MINIMUM.
- NOTE 4) PROVISION AND INSTALLATION OF NEW LTHW COIL TO SUIT REVISED FLOW TEMPERATURES AND COIL CONTROL VALVES. REFER TO MECHANICAL SCHEDULES FOR DETAILS.
- NOTE 5) PROVISION AND INSTALLATION OF NEW CHW COIL AND REPLACEMENT OF COIL CONTROL VALVES. REFER TO MECHANICAL SCHEDULES FOR DETAILS.
- NOTE 6) REPLACEMENT OF EXISTING FANS WITH NEW INVERTER DRIVEN FANS. MEP CONTRACTOR UNDERTAKE FULL RECOMMISSIONING OF BOTH SUPPLY AHU AND EXTRACT FAN TO ENSURE NO FAULTS RECORDED AND UNITS FULLY OPERATIONAL.

CHANGING AND TOILET FACILITIES

- MEP CONTRACTOR TO UNDERTAKE THE FOLLOWING:
- VENTILATION DISTRIBUTION TO BE ADAPTED TO ALLOW FOR INSTALLATION OF NEW CEILING - PROVISION OF NEW BRANCHING DUCTS (HARD DUCTS) FROM EXISTING DISTRIBUTION TO SERVE NEW CEILING MOUNTED DIFFUSERS/GRILLES.
- ADDITIONALLY,
1. PROVISION OF NEW PANEL FILTERS TO SUPPLY FAN  
2. FLUSHING AND PRESSURE TESTING OF SUPPLY FAN COIL - ALONG WITH NEW COIL CONTROL VALVES  
3. VALIDATION AND RECOMMISSIONING OF BOTH SUPPLY AND EXTRACT FANS TO REVISED FLOW RATES AS PER SCHEMATICS.

DRAWING SPECIFIC NOTES - CONTINUED

A/C WORKS NOTES

- MEP CONTRACTOR DESIGN PORTION - TO BE CARRIED OUT BY SPECIALIST REFRIGERANT CONTRACTOR
- NOTE 1 - WORKS TO EITHER INTERNAL OR EXTERNAL AC ELEMENTS
- SYSTEM TO BE SURVEYED AND VALIDATED PRIOR TO UNDERTAKING WORKS TO CONFIRM WORKING OPERATION. SYSTEM TO BE ISOLATED AND REGASSED. AC UNIT TO BE RELOCATED TO SUIT REVISED FURNITURE LAYOUT WHERE REQUIRED AND PIPEWORK TO BE MODIFIED TO SUIT REVISED LOCATION. SYSTEM TO BE REGASSED, RECONNECTED AND VALIDATED IN WORKING ORDER.
- NOTE 2 - NO WORKS TO EXISTING EXTERNAL OR INTERNAL AC ELEMENTS
- SYSTEM TO BE SURVEYED AND VALIDATED TO CONFIRM WORKING OPERATION.

GENERAL NOTES

1. DO NOT SCALE FROM THIS DRAWING
2. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS, TOLERANCES AND REFERENCES BEFORE PROCEEDING WITH WORKS
3. ANY DISCREPANCY FOUND BETWEEN THIS DRAWING AND OTHER DOCUMENTS MUST BE REPORTED TO THE CONTRACT ADMINISTRATOR. FOR THE PURPOSES OF THE TENDER THE MOST ONEROUS REQUIREMENT SHALL APPLY.
4. REMOVE THIS DRAWING FROM CURRENCY WHEN REVISED DRAWING IS ISSUED
5. COPYRIGHT OF DESIGNS SHOWN ON THIS DRAWING REMAIN WITH ELEMENTA CONSULTING LTD.
7. THE CONTRACTOR SHALL REFER TO ARCHITECTS OR INTERIOR DESIGN DRAWINGS INCLUDING REFLECTED CEILING PLANS AND OTHER SPECIALIST DRAWINGS FOR SETTING OUT ALL VISIBLE WALL AND CEILING MOUNTED EQUIPMENT. DO NOT SET OUT FROM THESE DRAWINGS.

MECHANICAL DRAWING NOTES

1. LOCATION OF ACCESS PANELS TO BE AGREED WITH THE ARCHITECT AND/OR INTERIOR DESIGNER PRIOR TO COMMENCEMENT OF WORKS.
2. ACCESS FOR DUCTWORK CLEANING PROPOSALS TO BE DETAILD ON THE CONTRACTORS WORKING DRAWINGS.
3. FLEXIBLE DUCTWORK MAY ONLY BE USED FOR THE LAST 300mm OF THE OF DUCTWORK UNLESS SPECIFIED OTHERWISE. FLEXIBLE DUCTWORK SHALL NOT BE USED TO FORM ANY BENDS. VCD'S TO BE PROVIDED TO ALL BRANCHES AS REQUIRED TO FULLY BALANCE SYSTEM.
4. DUCTWORK SUPPORT AND BRACKETRY TO BE DETAILD ON THE CONTRACTORS WORKING DRAWINGS.
5. ALL PLENUMS TO BE INDEPENDENTLY SUPPORTED.
6. INTAKE AND EXHAUST DUCTWORK TO BE INSULATED AND VAPOUR SEALED THROUGHOUT AS PER BUILDING SERVICES SPECIFICATION.
7. CONTRACTOR SHALL ASSUME FOR TENDER PURPOSES THAT ALL SERVICES WITHIN AREAS THAT REQUIRE MODIFICATION WORKS TO BE NEW & REUSED SERVICES TO BE OFFERED AS A SAVING TO CLIENT.
8. ALL MECHANICAL PLANT TO BE LOCATED IN AN ACCESSIBLE POSITIONS FOR FUTURE MAINTENANCE.
9. FIRE DAMPERS SHALL BE ALLOWED FOR ON ALL FIRE RATED PARTITIONS INLINE WITH FIRE STRATEGY COMPLETE WITH ACCESS DOORS FOR MAINTENANCE. ALL FIRE DAMPERS SHALL BE INSTALLED AS PER THE MANUFACTURERS TESTED DETAIL.
10. ATTENUATOR SIZES SHOWN FOR ILLUSTRATIVE PURPOSES. FULL DETAILED SIZES TO BE SHOWN ON CONTRACTORS WORKING DRAWINGS INLINE WITH THE ACOUSTICIANS REQUIREMENTS.
11. THE CONTRACTOR IS RESPONSIBLE FOR ALL PIPEWORK EXPANSION AND ANCHORS INLINE WITH THE MATERIAL REQUIREMENTS.
12. PIPEWORK SUPPORT AND BRACKETRY TO BE DETAILD ON THE CONTRACTORS WORKING DRAWINGS.
13. AUTOMATIC AIR VENTS ARE TO BE FITTED AT ALL HIGH POINTS WITHIN THE PIPEWORK SYSTEM.
14. DRAIN POINTS TO BE FITTED AT ALL LOW POINTS ON THE PIPEWORK SYSTEM.
15. ALL INSULATION TO BE FULLY VAPOUR SEALED, WHERE HARDWOOD BLOCKS ARE USED TO SUPPORT PIPEWORK, THESE SHALL NOT BE CONSIDERED AS A VAPOUR BARRIER AND SHALL BE SEALED OVER.
16. THE CONTRACTOR SHALL REPORT IMMEDIATELY TO THE CONTRACT ADMINISTRATOR THE DISCOVERY OF ANY DISSIMILAR METALS WITH RISK OF BIMETALLIC CORROSION.
17. CONTRACTOR TO REFER TO BANYARDS VALIDATION REPORTS FOR FURTHER DETAILS ON REQUIRED MAINTENANCE FOR MECHANICAL EQUIPMENT.

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ORIGINAL SITE DRAWING	
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P02	PRELIMINARY UPDATES	TH	20.01.23
P01	PRELIMINARY	NK	06.12.22
No.	REVISION	CHK	DATE

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The Hall School			
PROJECT The Hall School - Redevelopment			
TITLE Lower Ground - Cooling and Ventilation Layout			
DATE CREATED 30/09/22		SCALE As indicated	
DESIGNED AK	CHECKED AB	APPROVED AK	
SUBMITTABLE CODE A4	SUBMITTABLE DESCRIPTION TENDER		
DRAWING STATUS STAGE 4 - TENDER			
DRAWING NO. 10252-ELE-XX-B1-D-M-5001		REVISION T01	