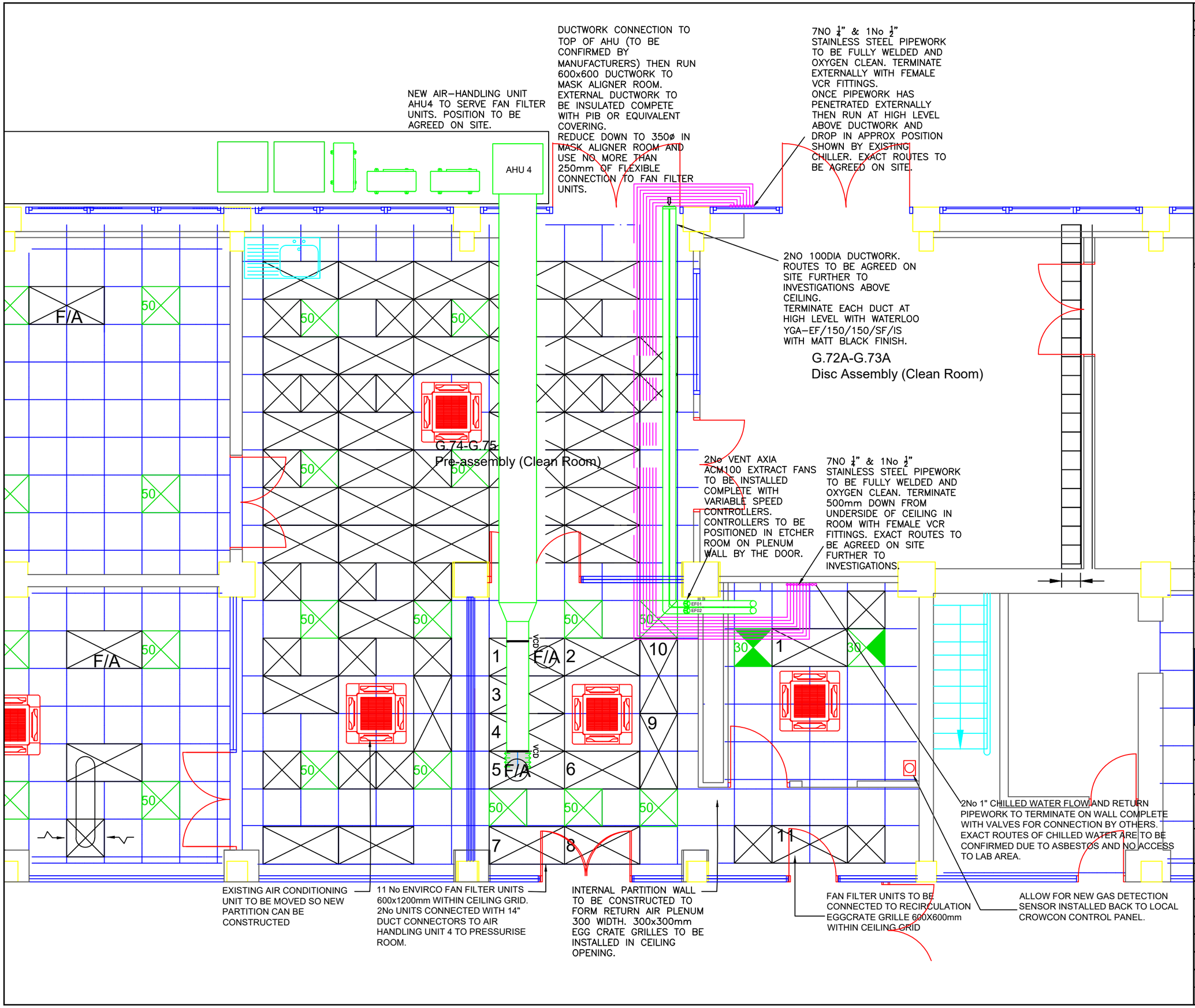

GENERAL NOTES

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL DIMENSIONS ON SITE.
2. ALL WORK SHALL BE IN ACCORDANCE WITH DESIGN GUIDANCE FOR MECHANICAL, ELECTRICAL AND PUBLIC HEALTH SERVICES REV 3.
3. FAN FILTER UNITS TO BE LINKED TO ENVIRCO CENTRAL CONTROL SYSTEM ACC7017 POSITION TO BE AGREED.
4. GAS DETECTION NEEDS TO BE MODIFIED TO ACCOMMODATE 1No NEW SENSOR. INDICATIVE POSITION SHOWN ON DRAWING.
5. ALL REFRIGERATION PIPEWORK AND CABLING TO BE RUN ON CABLE TRAY AND SUPPORTED AT REGULAR INTERVALS.
6. ALL ROUTES MARKED ON THIS DRAWING ARE INDICATIVE AND ALTHOUGH WE HAVE COORDINATED DRAWINGS THE SERVICES IN VOIDS ARE NOT KNOWN AT PRESENT UNTIL THE SPACE HAS BEEN FULLY INVESTIGATED.
7. VISUAL ROOM PRESSURE GAUGE FOR MASK ALIGNER ROOM.

AIR-CONDITIONING AND VENTILATION PLANT

1. ALL DUCTWORK TO BE MANUFACTURED & INSTALLED TO DW/144. ALL DUCTWORK MUST BE ADEQUATELY SUPPORTED ALONG ITS FULL LENGTH.
2. EXTERNAL DUCTWORK TO BE SUITABLY LAGGED AND WEATHERPROOFED WITH IDENTIFICATION.
3. ALL GRILLES AND DIFFUSERS TO BE MANUFACTURED BY WATERLOO OR SIMILAR.
4. SPECIFICATION FOR PENETRATIONS THRO' CLADDING AND INTERNAL / EXTERNAL BOXING TO BE AGREED AND TO MATCH EXISTING.
5. MASK ALIGNER ROOM TO HAVE NEW TOSHIBA CEILING MOUNTED UNIT RAV-SM564UTP-E (POSITION TO BE AGREED) CONNECTED TO EXTERNAL CONDENSING UNIT RAV-SM566AUTP-E (POSITION TO BE AGREED)
6. CONDENSING UNIT AND AIR HANDLING UNIT TO BE POSITIONED ON CONCRETE BASES AT A POSITION AGREED ON SITE.

FAN FILTER UNITS

MASK ALIGNER - 11No ENVIRCO MAC 10 LEDC (Supplied with 2No 14" duct connectors for fresh air supply)

ETCHER - 1No ENVIRCO MAC 10 LEDC

NOTES

SUPPLY AHU 4 - VES ANDOVER Ltd

1. MASK ALIGNER (AHU 4)
   VES MODEL No MAX13/A/W/S.
   Duty - 0.64m³/s @ 273Pa & Electric heater battery.
2. 2No FRESH AIR FAN FILTER UNITS TO BE SUPPLIED WITH 0.32m³/s OF AIR EACH FROM AHU 4.

Science & Technology Facilities Council

ESTATES & OPERATIONS

SITE	Rutherford Appleton Laboratory		
DRAWING	Proposed Mechanical Services		
BUILDING	R1		
FLOOR	Ground Floor		
DRWG NO	PMO00118-MECH-002		
SCALE	NTS	SIZE	A2
DRWN BY	KB	REV	2
CHKD BY	DM	DATE	17 May 19

CHECK ALL DIMENSIONS. DO NOT SCALE.