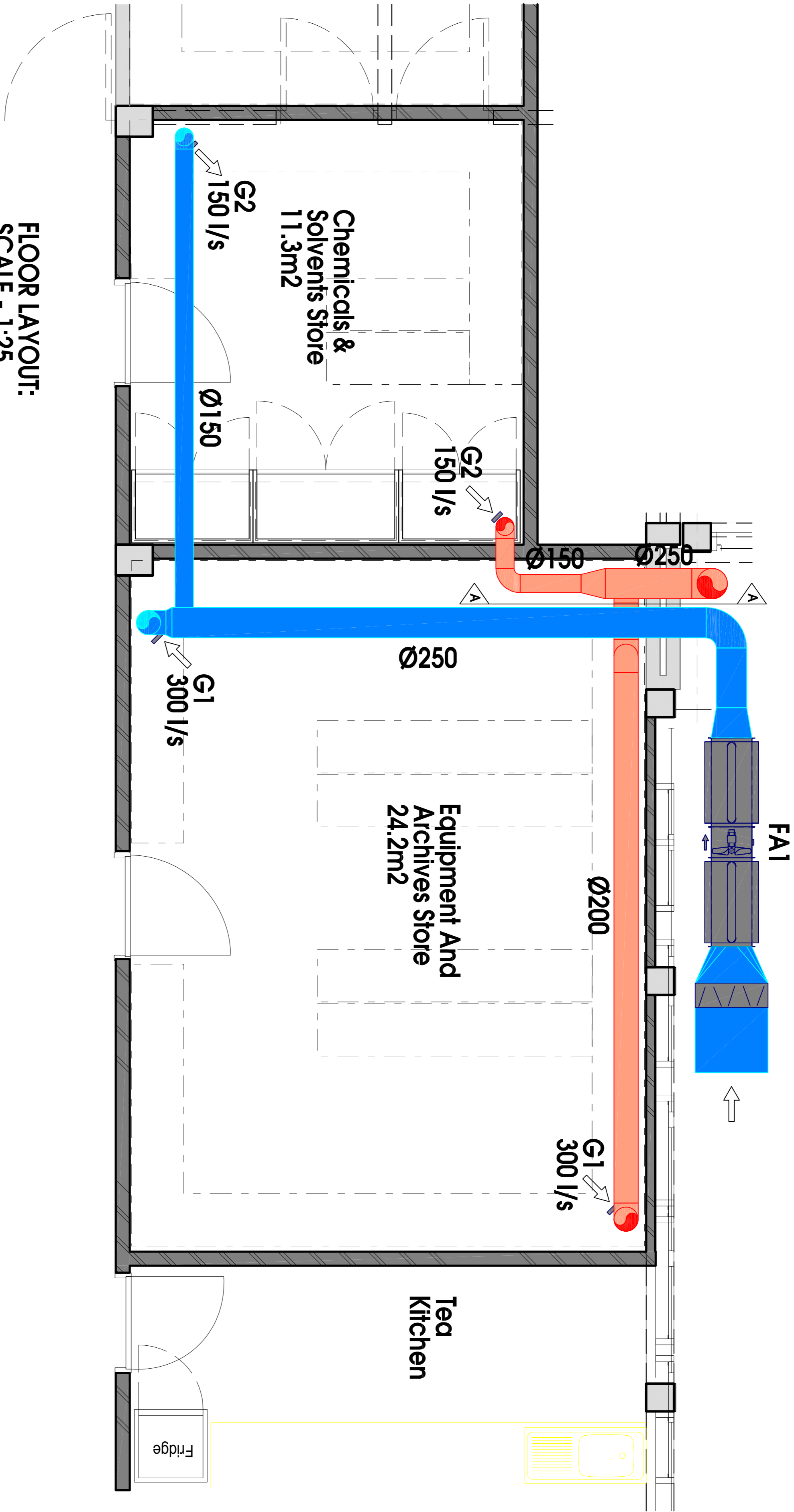


1. GENERAL NOTES:

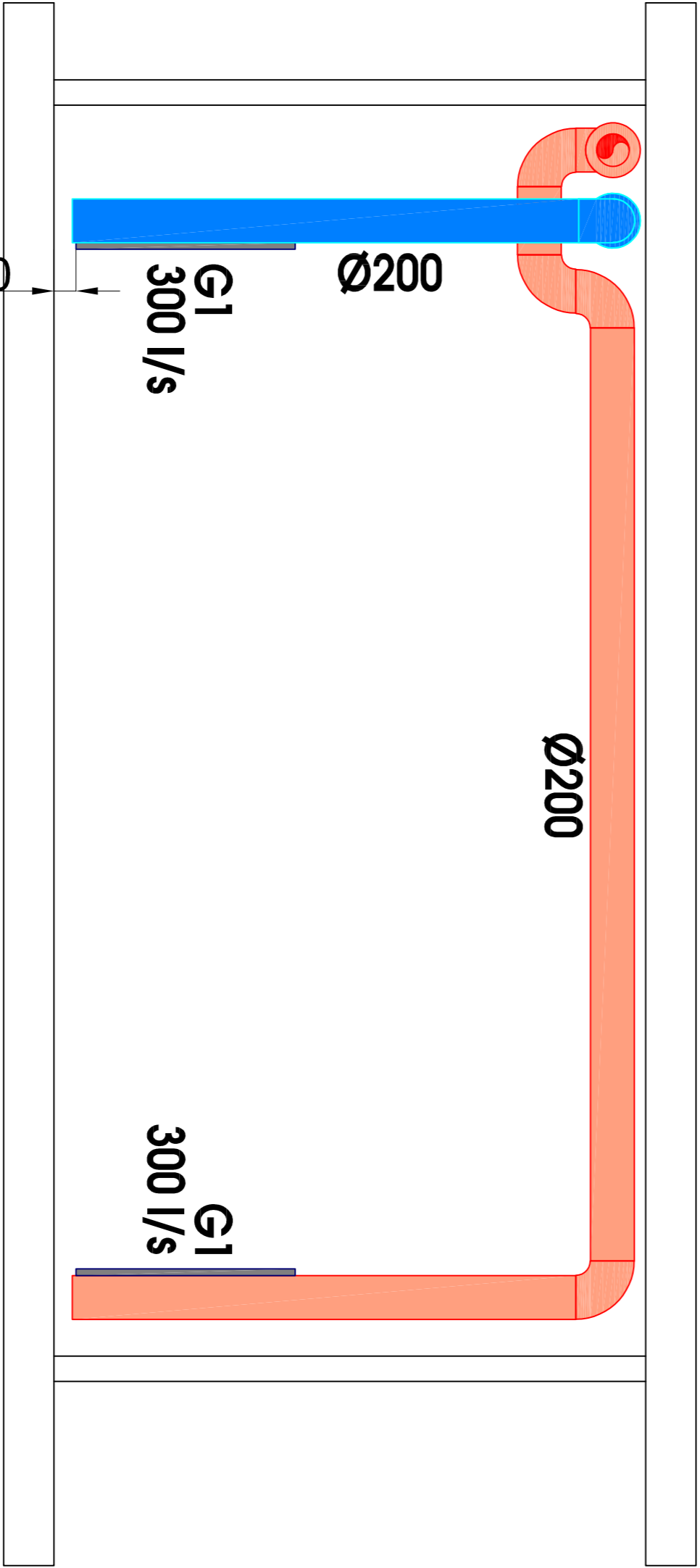
- THIS DRAWING FORMS PART OF THE SPECIFICATION AND MUST BE READ IN CONJUNCTION WITH THE SAME.
- ALL DUCTWORK TO BE MANUFACTURED IN ACCORDANCE WITH SANS 10173-2003 & SANS 10173-2003, LOW VELOCITY DUCT STANDARDS.
- ALL DUCT SIZES SHOWN ARE ACTUAL SHEETMETAL SIZES, UNLESS OTHERWISE SPECIFIED.
- ALL VENTILATION DUCTS TO BE UNINSULATED, UNLESS OTHERWISE SPECIFIED.
- ALL VENTILATION DUCTS TO BE PAINTED TO SPECIFICATION.
- ALL BENDS TO HAVE MINIMUM INTERNAL RADIUS 150mm AND SPLITTERS UNLESS OTHERWISE SPECIFIED.
- ALL ROUND DUCT BENDS UP TO 950mm - RADIUS 200mm AND 1000mm - RADIUS 250mm.
- ALL ELBOWS TO BE 150mm LONG @ 45°.
- ALL SPIGOTS TO BE 100mm LONG, UNLESS OTHERWISE SPECIFIED.
- ALL PIPING TO BE COPPER AND INSULATED TO SPECIFICATION.
- ALL REFRIGERANT PIPING TO BE NEATLY ROUTED AND INSTALLED ON GALVANISED CABLE TRAYS, UNLESS OTHERWISE SPECIFIED.
- ALL DRAINS TO BE 632mm RIGID PVC WITH A 1:100 MIN. FALL.
- ALL SMOKE EXTRACT DUCTING TO BE 3mm MINIMUM THICKNESS.
- ALL EXTERIOR ENTERING THE BUILDING WILL BE LEVELED IN SUCH A WAY THAT THE DUCTING SLOPES AWAY FROM THE BUILDING AT A FALL 1:100.

2. BUILDERSWORK NOTES:

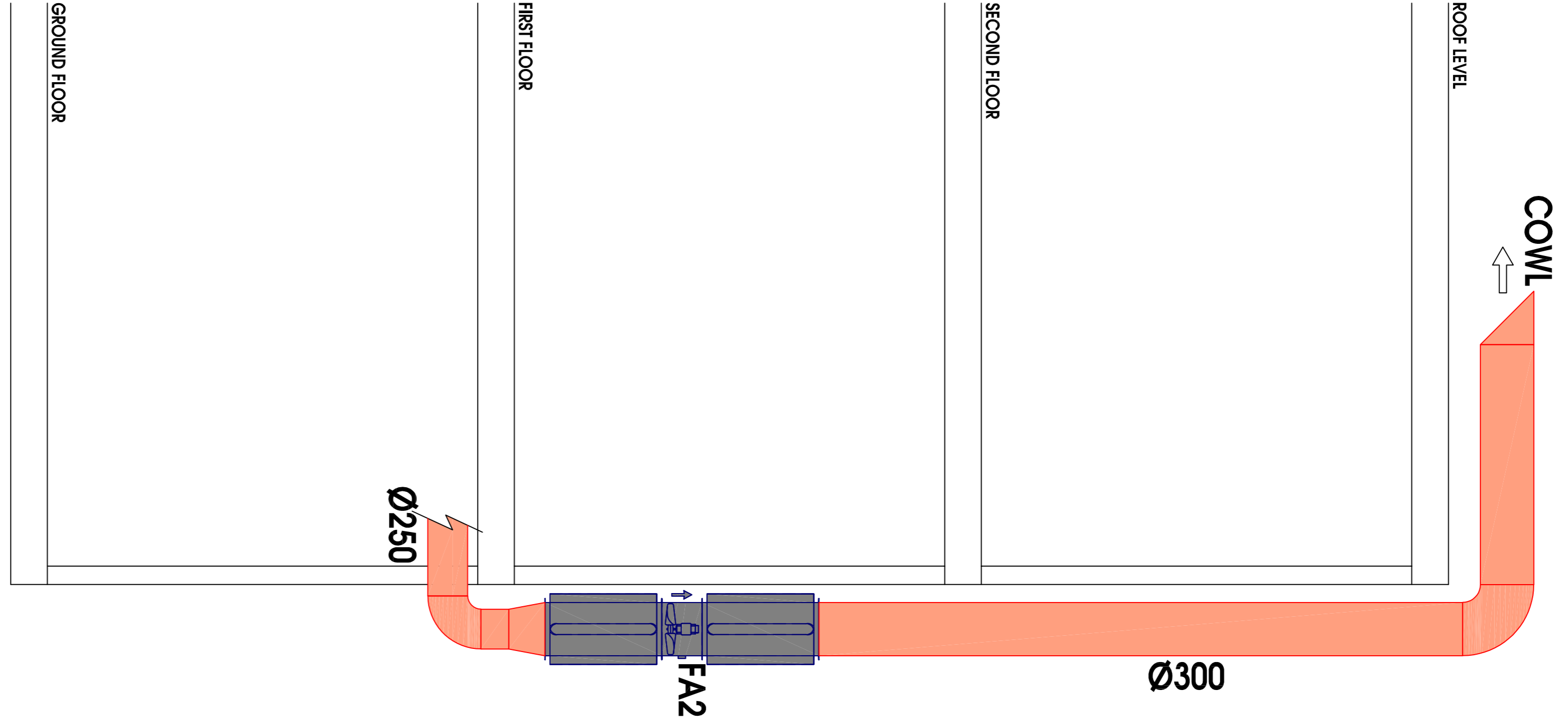
- ALL OPENINGS TO BE 100mm BIGGER THAN DUCT SIZES SHOWN AND TO BE MADE GOOD AFTER DUCTING HAS BEEN INSTALLED - BY BUILDER.
- ALL OPENINGS TO BE 50mm BIGGER THAN GRILLE SIZES SHOWN AND TO BE MADE GOOD AFTER GRILLING HAS BEEN OPENED - BY BUILDER.
- SLEEVES IN WALLS, IN SLABS AND BEAMS FOR REFRIGERANT PIPES AND DRAINS TO BE MADE GOOD AFTER SERVICES ARE INSTALLED.
- ALL FLATROOFS TO HAVE FLOOR DRAIN AND WATER POINT.



FLOOR LAYOUT:
SCALE - 1:25



SECTION B-B:
SCALE - 1:25



SECTION A-A:
SCALE - 1:25

NOTES:

- ALL MOTORS TO BE SPARK PROOF AND A CERTIFICATE SHALL BE SUPPLIED AFTER INSTALLATION.
- INSTALLATION SHALL COMPLY WITH APPLICABLE LOCAL REGULATIONS.
- ELECTRICAL INSTALLATION SHALL COMPLY WITH SANS101080 AND SIGNED OFF BY A MASTER ELECTRICIAN.

SUPPLY AIR GRILLES		
ITEM	NECK SIZE	DESCRIPTION
G1	150x100	ANNO DIZED ALUMINIUM SINGLE DEFLECTION AIR GRILLE
G2	100x75	ANNO DIZED ALUMINIUM SINGLE DEFLECTION AIR GRILLE

EVAPORATIVE COOLER		
ITEM/No.	DESCRIPTION	FLOW
FA1	Ø335 SPARK PROOF AXIAL FAN C/W 2 x 20 SOUND ATTENUATORS, VSD, 300 x 600 FILTER BOX (G4 & F6)	300 l/s
FA4	Ø335 SPARK PROOF AXIAL FAN C/W 2 x 20 SOUND ATTENUATORS, VSD AND COWL	300 l/s

FOR CONSTRUCTION				DATE		REV	
DESCRIPTION				FIRST ISSUE		FOR CONSTRUCTION	
DRAWN: DSB, APPR: AAW				18/11/16		R1	
SCALE: 1:25				PROJECT		CSIR BUILDING 10	
DRAWN: AAW				TITILE		FLAMMABLE GOODS STORE EXTRACTION & SUPPLY AIR LAYOUT	
DATE: 18/11/16				DWG. No.		A1719-35-01-001 R1	
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				TEL (012) 349-2253			