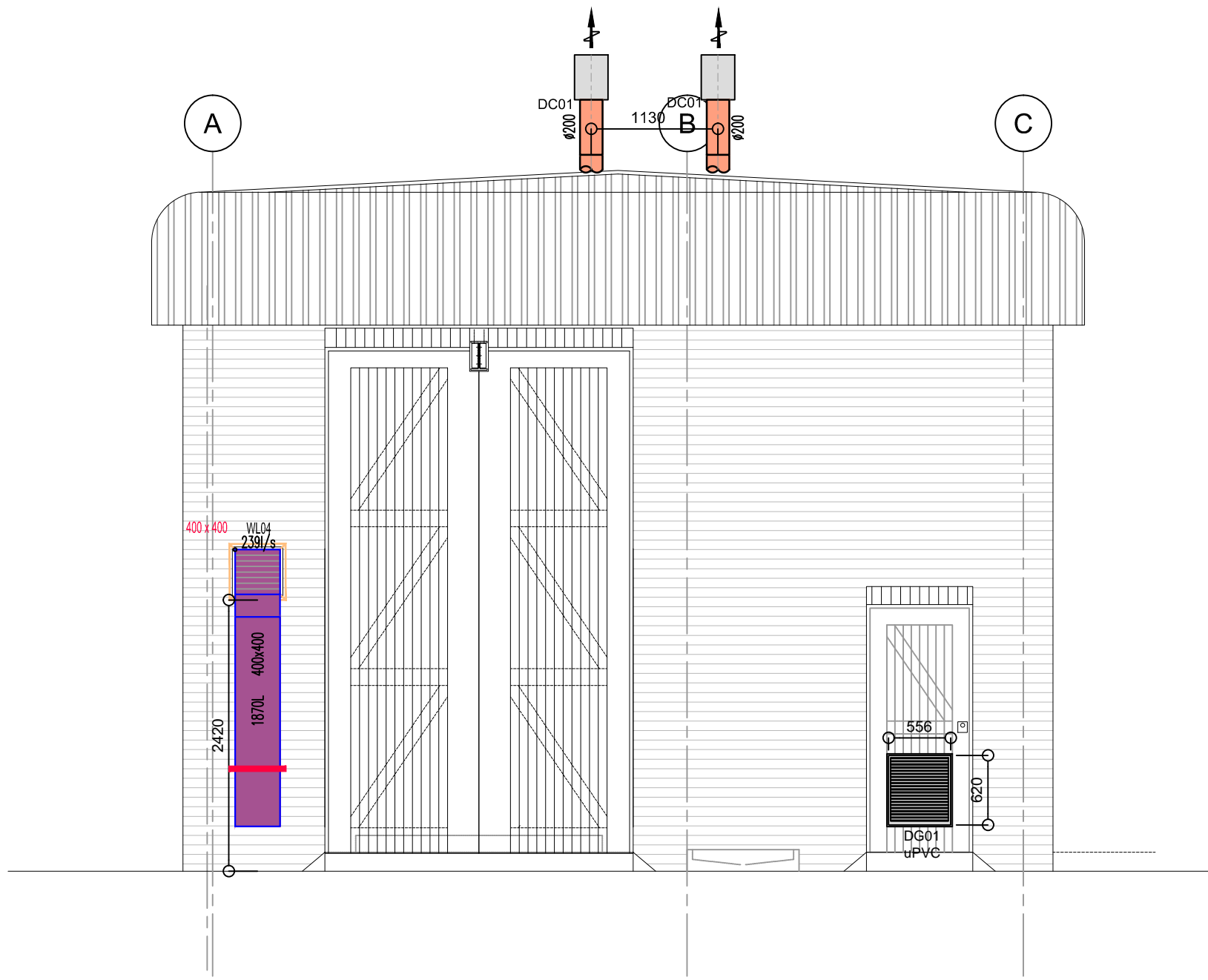


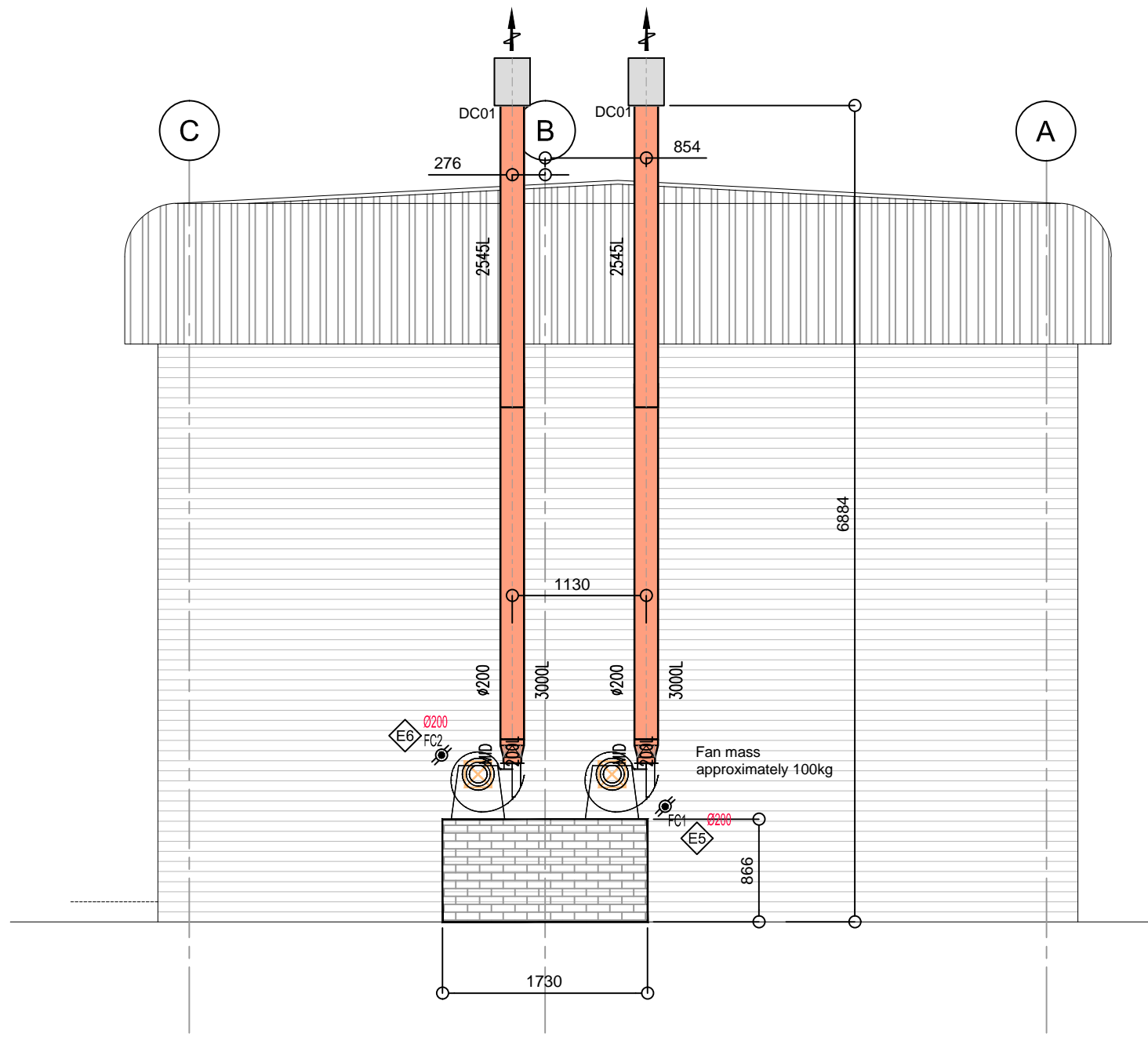
Sectional View

Scale 1:50



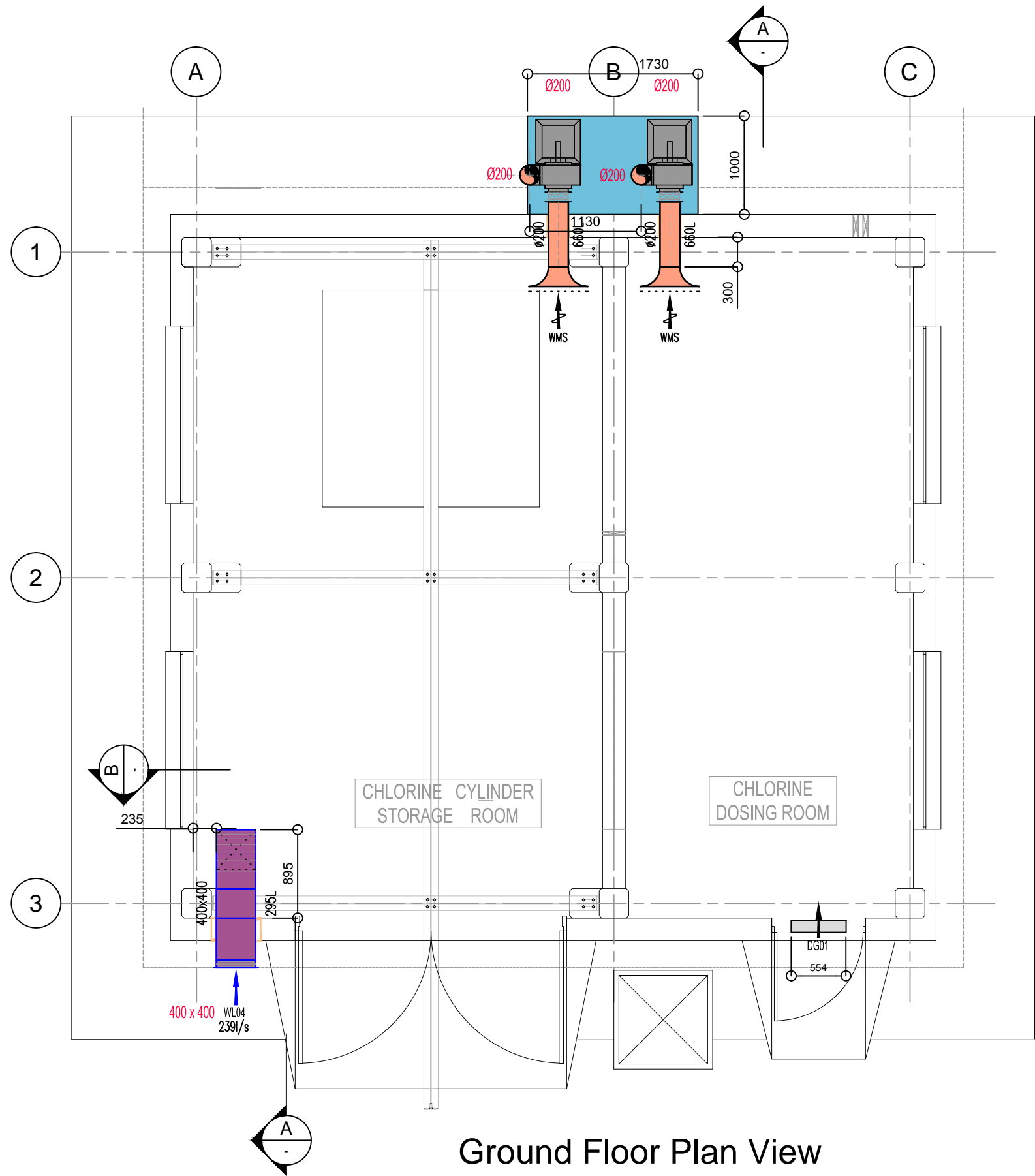
Elevational View with broken Section

Scale 1:50



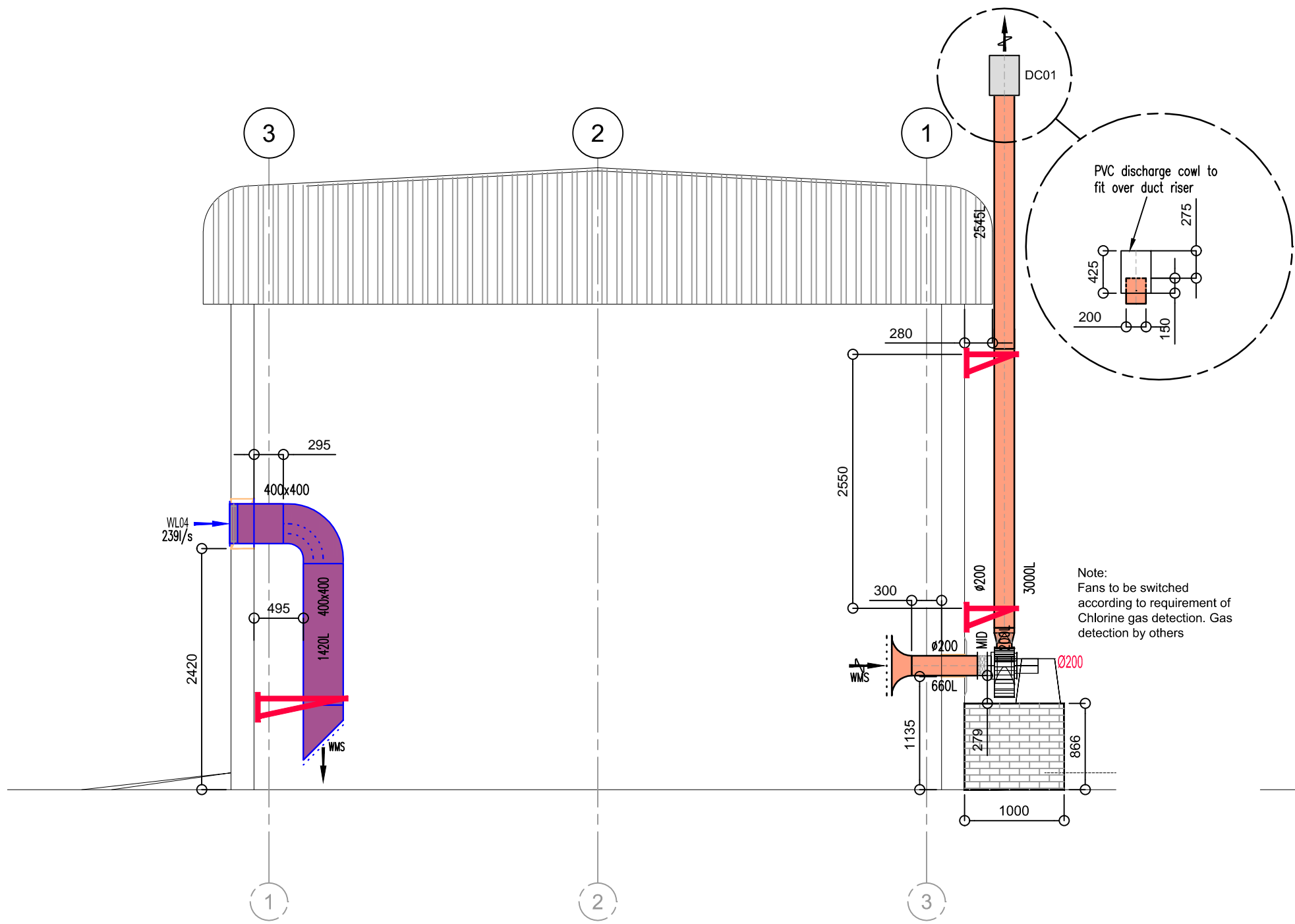
Elevational View

Scale 1:50



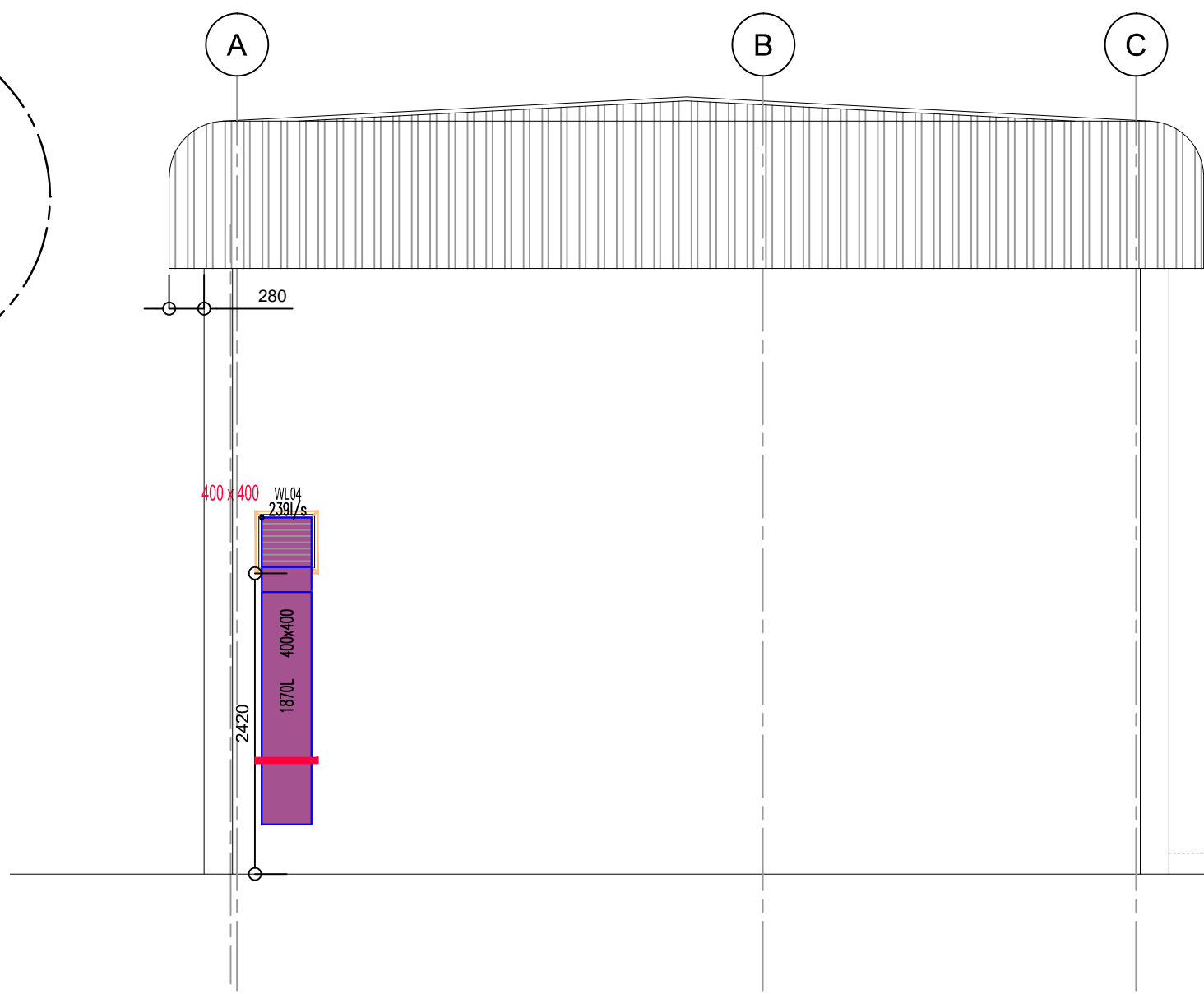
Ground Floor Plan View

Scale 1:50



Section A-A

Scale 1:50



Section B-B

Scale 1:50

**Legend:**  
**HVAC:**  
ALL DUCTING MATERIAL TO BE uPVC DUE TO CORROSIVE CHLORINE GAS. GALVANIZED SHEET METAL WILL NOT BE ACCEPTED.

Fresh Air Ducting  
 Exhaust Air Ducting

**NOTE:**  
**TERMINALS/GRILLES**  
1) All terminals/grilles in walls - NCS G08 Extra Dark sea Grey.  
2) All terminals/grilles in ceilings - NCS G80 Cloud White.  
3) All terminals/grilles mounted on ducts - Natural Anodised Aluminium

**DUCT SUPPORTS**  
1) All threaded rods to be galvanised (i.e. standard)  
2) All angle iron support brackets or angle iron supports that are painted with black primer should be painted sea grey, irrespective if the duct that they support is black steel (painted sea grey) or normal galvanized duct.

**AIR HANDLING UNITS**  
1) Units to rest on Tico Pads or equally approved.

**DUCTING**  
1) Exposed ducting not to be insulated.

**NOTE:**  
AWAITING KEY PLAN  
FROM ARCHITECT

**Key Plan**  
Scale 1:500

**RECEIVED**  
2011/10/12  
Transmittal 041-CHL

**MPSJV-ENV-0107**

**NOTE:**  
1. STARTER ISOLATOR TO BE PROVIDED BY ESKOM.  
2. ALL DUCTING MATERIAL TO BE uPVC DUE TO CORROSIVE CHLORINE GAS. GALVANIZED SHEET METAL WILL NOT BE ACCEPTED.

**NOTES:**  
DO NOT SCALE THIS DRAWING. WORK ONLY TO FIGURED DIMENSIONS.  
FOR ALL RELEVANT NOTES, REFER TO MECHANICAL AND ELECTRICAL ENGINEERING PERFORMANCE SPECIFICATION  
ANY DISCREPANCIES ARE TO BE REPORTED TO ENVIWARE CONSTRUCTION IMMEDIATELY  
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS, ARCHITECTS AND SUB-CONTRACTORS DRAWINGS AND DETAILS.

**NOTE:**  
FOR LEGEND INFORMATION SEE  
DRAWING DWG-ENV-ME-WTP-015 OR  
FOR FULL SCHEDULE AND LEGEND SEE  
DRAWING DWG-ENV-ME-WTP-015

**APPROVAL**

| No. | DATE       | DESCRIPTION  | By |
|-----|------------|--|----|
| 01  | 10/10/2011 | UPDATED TO CONSULTANT REDLINE RE-ISSUED FOR APPROVAL | GB |
| 00  | 22/07/2011 | ISSUED FIRST FIX FOR APPROVAL                        | GB |

**REVISIONS**  
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011 315-1385

CLIENT

**MEDUPI POWER STATION**

BUILDING

**CHLORINATION BUILDING**

DRAWING TITLE

**HVAC LAYOUT**

| DRAWN  | CHECKED | DATE       | DRAWING NUMBER     | PROJECT MANAGER        | APPROVED | SCALE            | REVISION |
|--|---------|------------|--------------------|------------------------|----------|------------------|----------|
| GB   | AC      | 19/07/2011 | DWG-ENV-ME-CHL-001 | JB                     | JB       | 1:50             | 01       |
| REF CONSU. 08073-T-4GF-CHL<br>REF ARCHT. 0.84/3327 |         |            |                    | REV.No. 0<br>REV.No. - |          | ENV REF No: 1650 |          |