

BACKGROUND DRAWING INFORMATION				
FILE NAME	ORIGINATOR NAME	DESCRIPTION NAME	REV	DATE REC'D

Notes

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES. DO NOT SCALE OFF THIS DRAWING. ALWAYS WORK TO NOTED DIMENSIONS. ALL DIMENSIONS MUST BE VERIFIED ON SITE BEFORE COMPLETING SHOP DRAWINGS OR SETTING OUT THE WORK. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS AND ASSOCIATED EQUIPMENT SCHEDULES AS PREPARED BY XCO2 ENERGY Ltd. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL, CIVIL AND STRUCTURAL ENGINEERS' DRAWINGS AND ASSOCIATED XCO2 ENERGY Ltd. DRAWINGS.

1. THE SUB-CONTRACTOR SHALL SUBMIT INSTALLATION DRAWINGS TO THE CONTRACT ADMINISTRATOR, ARCHITECT AND BUILDING CONTROL INSPECTOR FOR APPROVAL PRIOR TO ANY INSTALLATION.
2. THIS DRAWING SHOWS A GENERAL REPRESENTATION OF THE EQUIPMENT AND DUCTWORK. FINAL POSITIONS AND DIMENSIONS TO BE CONFIRMED ON INSTALLATION DRAWINGS
3. ANTI-VIBRATION MOUNTS SHALL BE INSTALLED TO HVAC EQUIPMENT.
4. THE SUB CONTRACTOR SHALL ENSURE THEY ARE WORKING TO CURRENT ARCHITECTS DRAWINGS BEFORE COMMENCING WORKS ON SITE. ANY SERVICES INSTALLED TO THE WRONG ARCHITECTS DRAWINGS WILL BE THE RESPONSIBILITY OF THE SUB CONTRACTOR TO RECTIFY.
5. ALL DUCTWORK SHALL BE FULLY INSULATED IN STRICT COMPLIANCE WITH BS 5422:2009. ALL INSULATED PIPEWORK SHALL BE LABELLED WITH THE SERVICE TYPE AND THE DIRECTION OF FLOW.
6. FIRE DAMPERS C/W ACCESS SHALL BE INSTALLED TO ALL VENTILATION DUCTS WHERE THESE PENETRATE FIRE COMPARTMENTS, WHICH SHALL BE CONFIRMED/APPROVED BY THE FIRE CONSULTANT. DAMPERS TO MATCH FIRE RATING OF COMPARTMENT.
7. DUCTWORK CONNECTIONS SHALL BE MADE USING PROPRIETARY FITTINGS AND SEALANT SYSTEM TO ENSURE AIR TIGHTNESS.
8. DUCTWORK SHALL BE INSTALLED WHERE POSSIBLE TO REDUCE THE TOTAL NUMBER OF BENDS WITHIN THE SYSTEM.
9. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT FULL CO-ORDINATION IS ALLOWED FOR OTHER SERVICES AND TRADES.
10. NO FLEXIBLE DUCTWORK TO BE USED.
11. VOLUME DAMPERS TO BE INSTALLED AT THE START OF EACH BRANCH.
12. ALL RECTANGULAR 90o ELBOWS TO BE VANED.
13. CONTRACTOR IS RESPONSIBLE FOR DETAILING SUPPORTS ASSOCIATED WITH THE M&E SERVICES

T01	03.03.23	2nd STAGE TENDER ISSUE	TD	TK
Rev	Date	Description	Chk'd	Appr

STAGE 4

XCO₂

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Client

ORGANICLEA CIC

Architect

PRACTICE ARCHITECTURE LLP & STUDIO GIL LTD

Project

WOLVES LANE

Title

MECHANICAL SERVICES
GROUND FLOOR
VENTILATION LAYOUT

Scale/A1	Date	Drawn	Checked	Date
1:100 @A1	RB	RY	17.02.2022	

Drawing Number

WL-XCO-ZZ-00-DR-M-7401-D2

Revision

T01