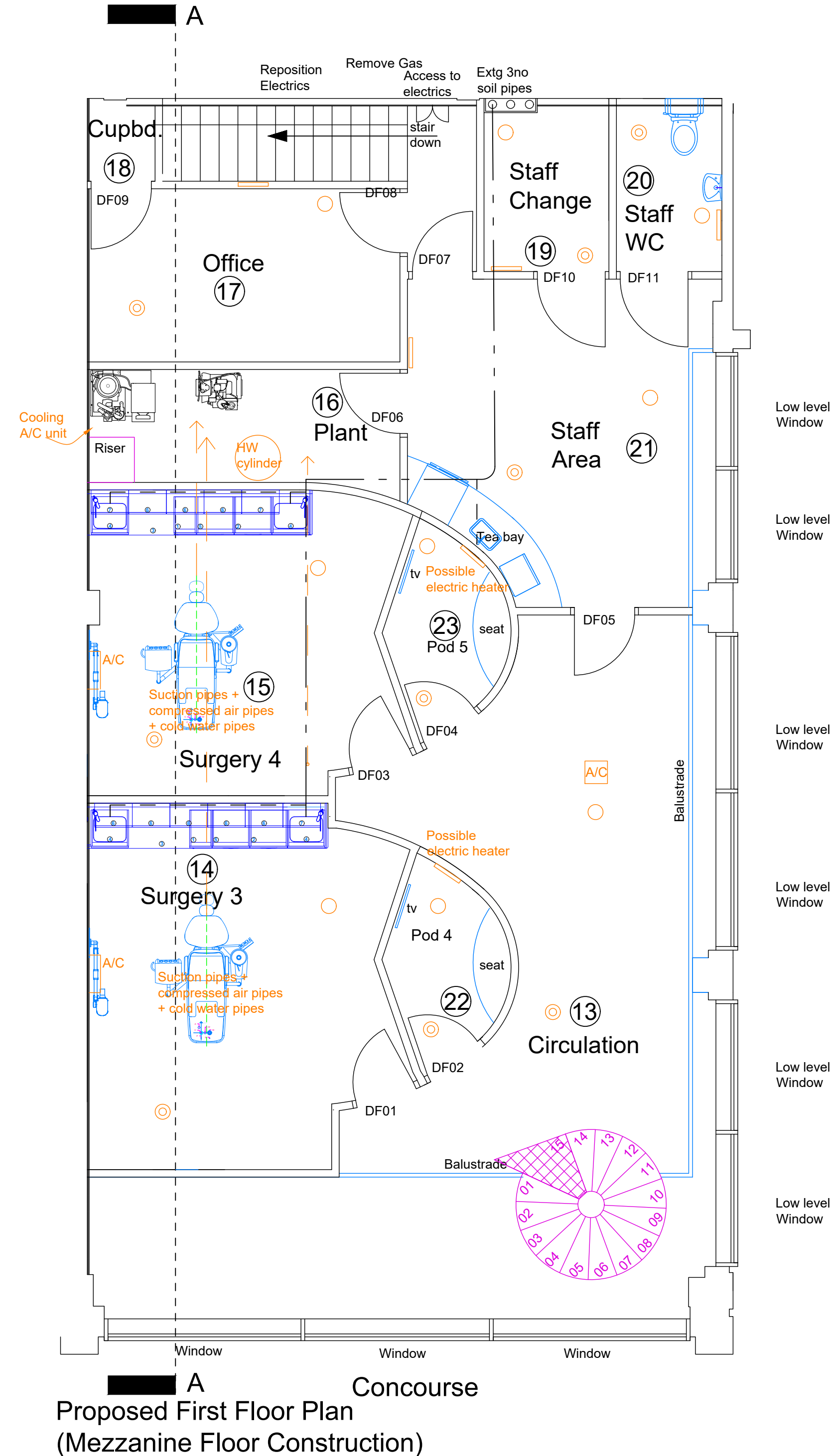
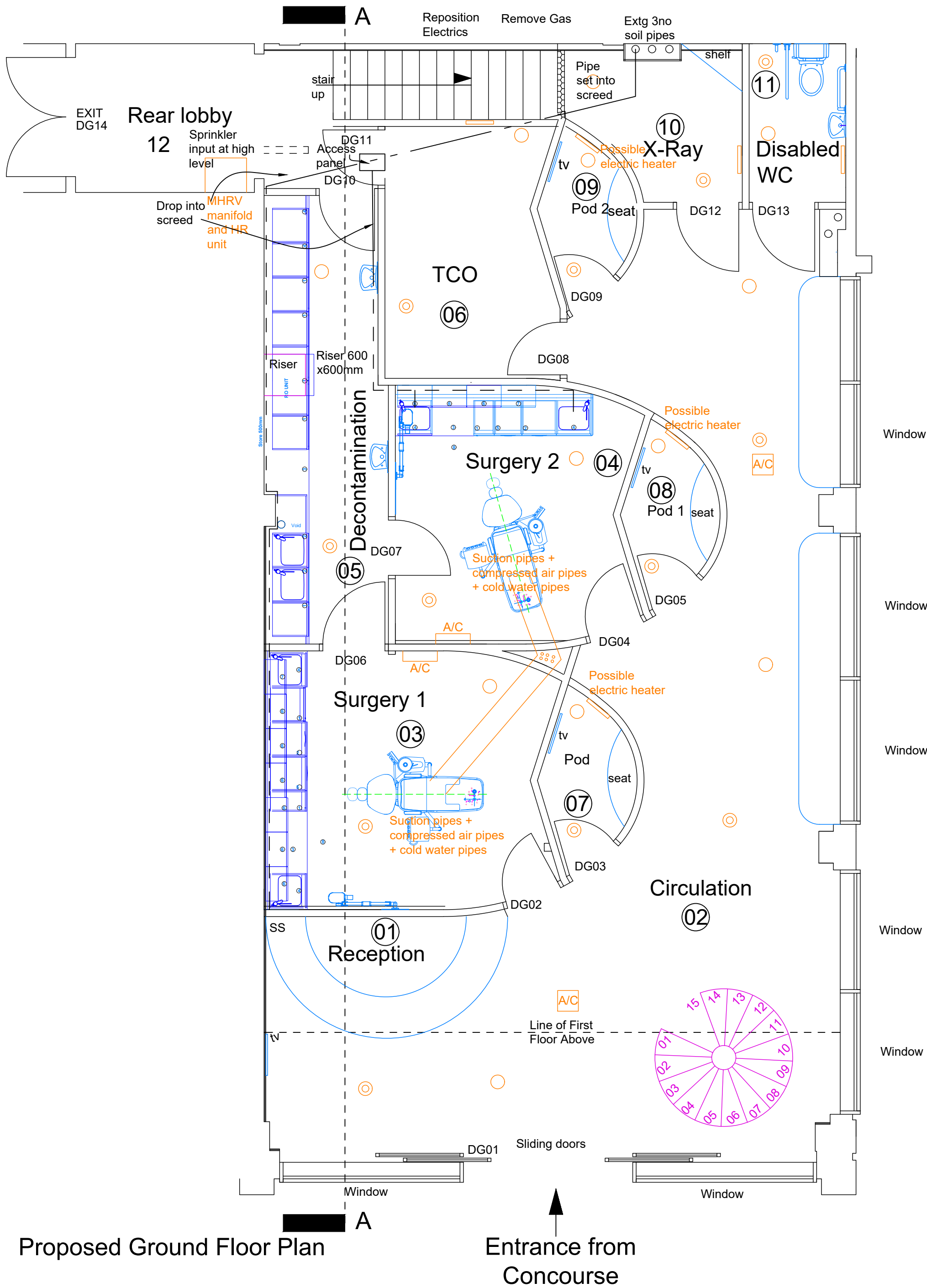


- 105mm thick timber stud wall
Lead Lining (location tba)
40mm Suction Pipe (location tba)
50mm Suction Pipe (location tba)



- MECHANICAL INSTALLATIONS PERFORMANCE SPECIFICATION:**
- This section of the works is Contractor Designed works. The layout drawing provided is only indicative and all work is to be designed and installed in accordance with applicable regulations. Allow for all installation and commissioning and first years maintenance.
 - Air conditioning system: Provide heat and cooling type air conditioning units where shown either wall mounted or ceiling mounted system as applicable. Condenser units to be located in remote service yard. System to be designed to achieve 21°C temperature. Controls to be agreed.
 - MHRV: Provide Mechanical Heat Recovery System located in Rear Lobby to serve all rooms in the facility, including ducts for supply and extract from external taken to remote service yard.
 - Mains water supply: Provide new mains cold water supply off landlords supply with stop tap located in Plant Room.
 - Hot water: Provide new electric unvented hot water cylinder located in Plant Room. Allow for hot water pipework to be on a loop with max 1m dead leg to fittings. Insulate all hot pipework from Plant Room to fittings.
 - Hot & Cold pipework: Provide new hot & cold water pipework to serve all new sanitaryware and appliances. Allow for isolator valves next to each fitting. Provide blending valves or thermostatic taps/fitting where noted.
 - Sprinklers: Provide new sprinkler system throughout. Refer to Fire Strategy drawing for further details.
 - Suction: Provide new suction pump located in Plant Room and pipework to each chair base position.
 - Compressor: Provide new compressor located in Plant Room and pipework to each chair base position.
 - Provide above ground waste pipes and drainage. Refer to Working Drawing for further details.

Notes

This drawing is the property of The Intelligent Design Centre Ltd and copyright is reserved by them. This drawing is not to be copied or disclosed by or to any unauthorised persons without the prior written consent of The Intelligent Design Centre Ltd.

Do not scale from this drawing.

All dimensions are to be checked on site prior to construction, manufacture of any components and ordering of materials and equipment.

Any discrepancies are to be reported to the architect for clarification.

All materials and workmanship to be in accordance with the current British Standards and codes of practice.

Rev Date Drawn by Comments

Client

Vitruvian Cosmetic Dentistry Ltd

Project

Unit SU18, The Glass Works, Barnsley
Fit out for Dental Surgery

Drawing

Proposed Plans - Mechanical Drawing

Date

September 2023

Drawn by

jad

Scales

1:50 @ A1

Job No - Dwg No - Rev

23052-06



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