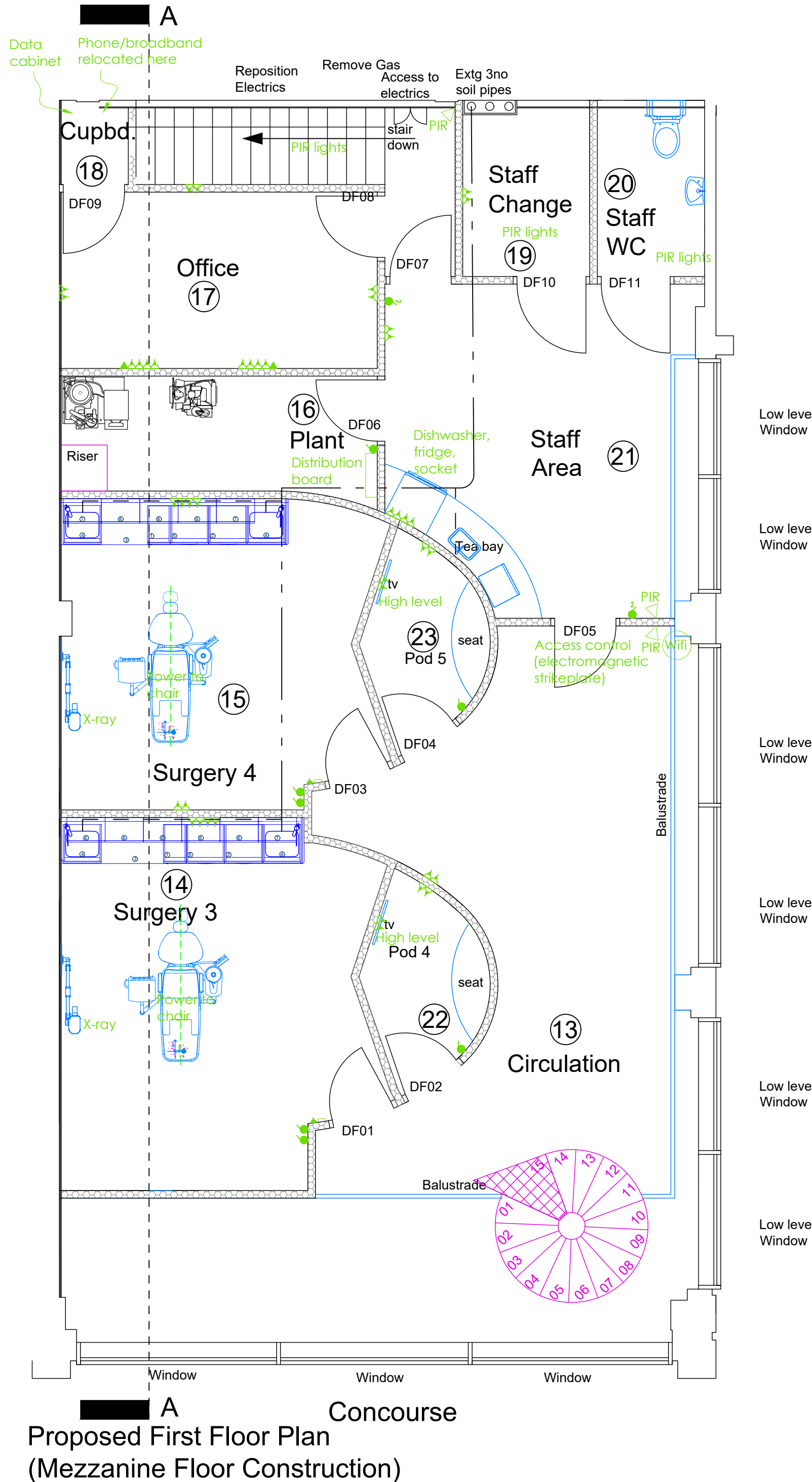
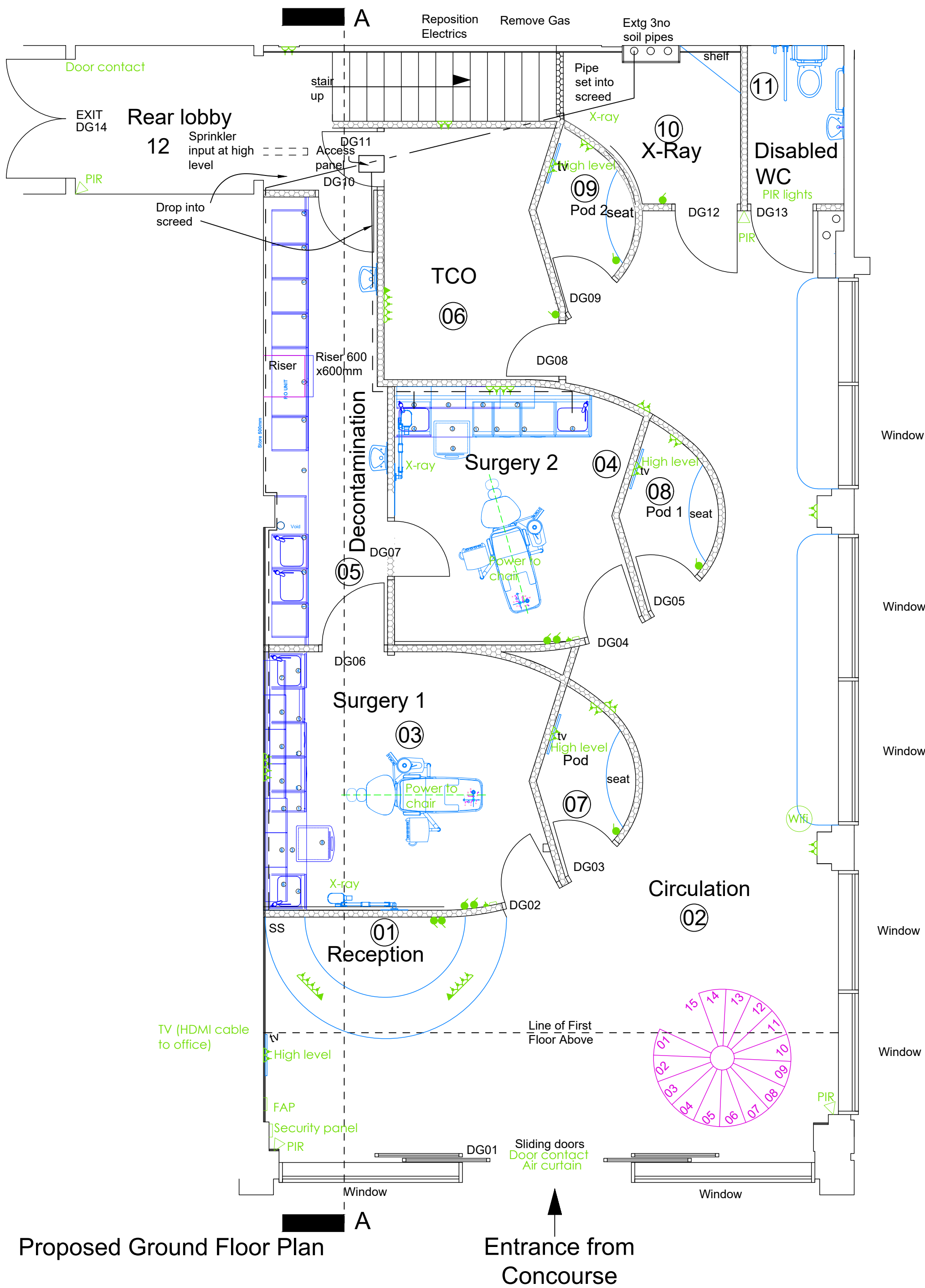


- 105mm thick timber stud wall
- Lead Lining (location tba)
- 40mm Suction Pipe (location tba)
- 50mm Suction Pipe (location tba)



- ELECTRICAL 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.
  - General: Provide new electrical installation throughout the building. Installation to include distribution boards, light fittings, power sockets, and fused connection units, as necessary. Other systems include data outlets, security system, CCTV, Access Control, Disabled toilet alarm. All switches and sockets to be installed are to be between 450mm and 1200mm above floor level. All electrical work must be carried out to meet the requirements of Building Regulations Part P by a person competent to do so. Prior to completion either an electrical installation certificate issued under an Approved Competent Person Scheme, or an electrical installation certificate signed by a person competent to do so, should be provided to Building Control.
  - Provide new 18th edition compliant RCBO distribution board in Plant Room with suitable circuits for this new facility. Mains electrical supply connection box on rear wall to be relocated to accessible position (wall at top of stairs) and connection to distribution board taken from here.
  - Small Power: Provide new power sockets as shown and supplies for all electrical installations such as fire alarm, security system, access control, ventilation system, air conditioning system, X-ray devices, external signage, etc. Sockets for below worktop appliances to have isolator above worktop.
  - Internal Lighting: Provide new LED lighting throughout to achieve the required lux levels for the specific rooms, namely dental surgeries, corridor areas and offices, including light switches or PIR switches as indicated.
  - Emergency lighting: Provide new emergency lighting system including test switches and provision of testing documentation. Refer to Fire Strategy drawing for further details.
  - Fire Alarm: Provide new type L1 addressable fire alarm system throughout the facility including smoke detectors, heat detectors, break glass points, sounders, etc. System to be capable of connection to remote monitoring centre. Refer to Fire Strategy drawing for further details.
  - Network Cabling: Provide new Cat 6e data outlets where shown, including for wall mounted data cabinet approx 600mm high x 600mm wide, including patch panel and PoE switch. Provide WiFi access points where shown.
  - Telephone/broadband supply on rear wall to be relocated into comms cupboard at first floor level. Router to be provided by Client.
  - Security System: Provide new security alarm system to whole facility including door contacts, window contacts, PIR sensors, etc. System to be capable of connection to remote monitoring centre.
  - Access Control: Provide digital access control system where indicated using either electromagnetic locks or electromagnetic strike plates as noted.
  - CCTV: Provide new CCTV system to cover all dental suites and circulation spaces.
  - HDMI: Provide HDMI cables from Office to each TV position.
  - Electric heaters: Provide electric panel heaters where indicated including central 7 day timer and individual thermostatic controls. System to be designed to achieve 21°C temperature.

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 - Electrical

Date Drawn by Scales  
September 2023 jad 1:50 @ A1

Job No - Dwg No - Rev

23052-05