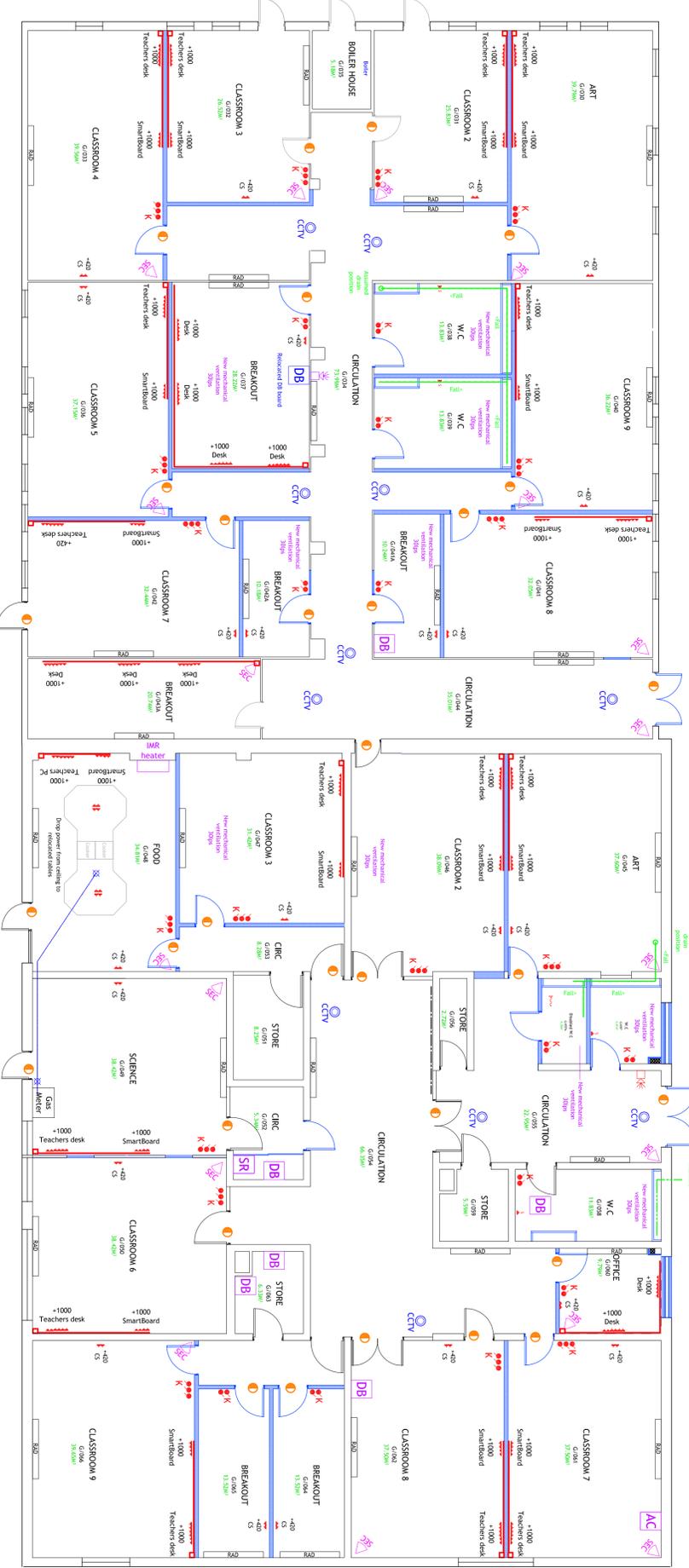
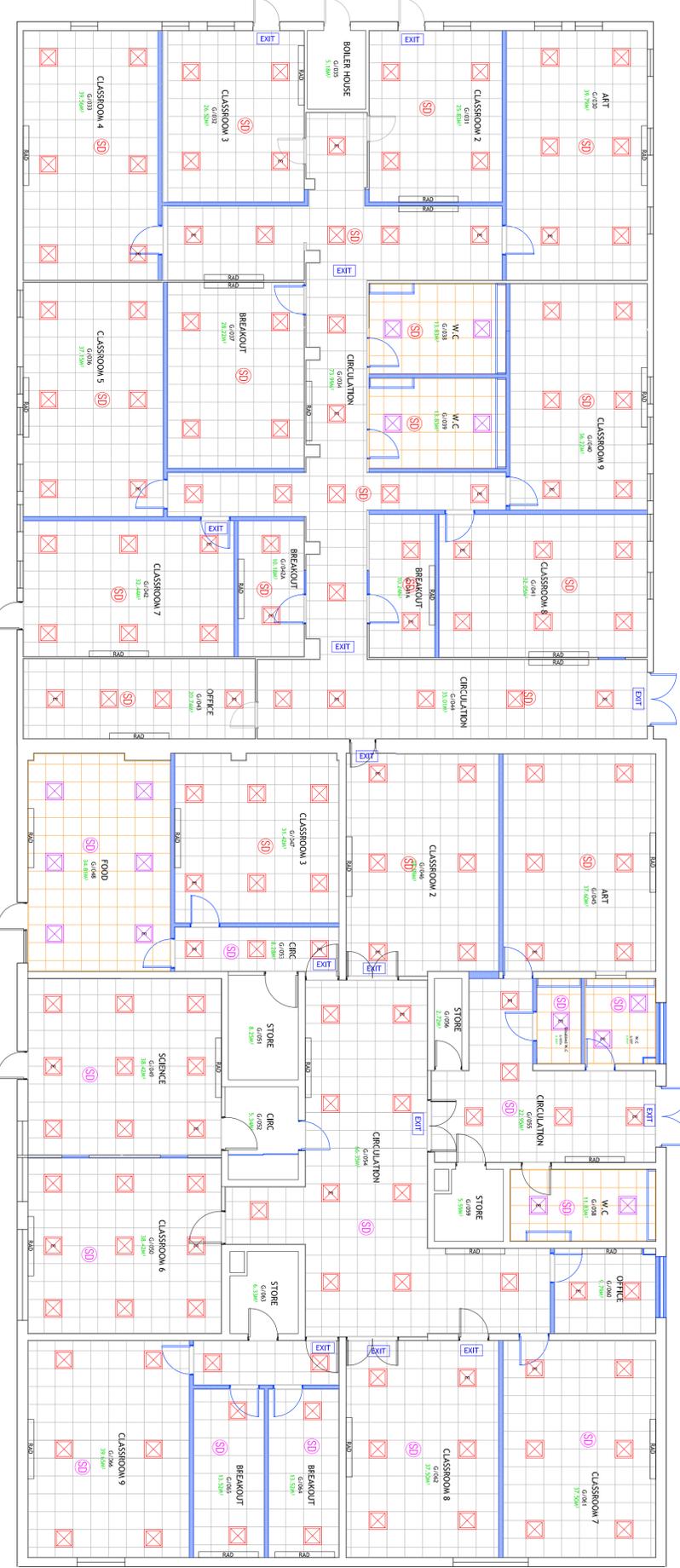


**Block 1**  
**Services Plan**  
**1:100@A1**



**Block 1**  
**Ceilings and Lighting**  
**1:100@A1**



**Security System:**

Relocate existing CCTV and PIR units to positions shown on drawing allowing for 6m. new sensors as shown.

**Electrical Installation:**

Reconnect salvaged distribution board to new position as shown. Electrical install to be tested and commissioned upon completion.

Supply and install all new power and Cables data supplies to teachers wall and desk positions as shown on drawing. Contractor to allow for all new electrical cabling and faceplates required for install. Final position of power to be confirmed by client on site. Power to be run in surface mounted white PVC duct trunking following drop positions as shown.

Supply and install all new switched double gang cleaners sockets to positions shown on drawing. Contractor to allow for the chasing in of all feeds and making good locally prior to redecoration works.

Provide power and data for new smartboard and OHP installation (new hardware provided and installed by others).

Supply and install all new manual switches and emergency key test switches to lighting circuits as shown on drawing. Contractor to allow for independent wiring circuits for lighting as noted.

Supply and install 10m. new emergency pull cord alarm system with 2nd handgrip. Proposed Disabled W.C. room. Contractor to allow for beam above disabled door and installation of rest panel (location to be confirmed).

Supply and install 4no. new fused spurs for proposed hand dryers to W.C. rooms (client to provide). (Disabled excluded).

Supply and install all new power to existing food tect island desks (relocated) to supply main goods and electric cookers. Power to be taken from ceiling and down steel pole fitted to units.

Supply and install all new paxxon (O.E.A) access control system to indicated doors, doors to register as read in - read out with HL green emergency break glass. Include for all power required and fire alarm interface units.

**Above / Below Ground Drainage:**

Adapt existing above ground drainage to connect to proposed food tect sinks, W.C. pans and 4"UPVC, connected to existing for all new Z runs. Gradient to be no less than 1:40. All runs outside of services ductwork to be boxed in upon completion.

Supply and install new UPVC waste pipework/run connected from proposed W.C.G/058 to existing manhole. Contractor to allow for all accessories required for installation including for new soil stack and Dergo valve.

**Water feeds:**

Adapt existing water feeds to supply new W.C. rooms and sinks within Food Tech and W.C. rooms. Contractor to allow for all new copper pipework where required and independent isolation valves to services.

**Gas:**

Adapt existing gas supply line to run above proposed suspended ceiling for Food Tech G/048 and drop down to central islands shown on plan. New gas line to be installed within new services spine allowing for new isolation valve for emergency shut off.

**Ceilings:**

Supply and install 886no. of new Armstrong Ultima + 600 x 600mm regular suspended ceiling tiles to all rooms as shown on drawing including for all new white lay in grid, hangers, softwood timber shadow batten painted black and accessories required for fitting. Contractor to allow for softwood timber bulkheads around all perimeter windows.

**Ceilings Cont:**

Supply and install 51no. new Armstrong Dune Supreme 600 x 600mm Regular suspended ceiling between W.C. including for white lay in grid, hangers, 50 x 25mm perimeter battens painted black.

Supply and install 100mm thick Rockwool Rollback felt roll insulation to new suspended ceilings. New ceilings to achieve minimum sound absorbing insulation values of 0.06m<sup>2</sup> as per Approved Document E guidelines.

**New Lighting:**

Supply and install new Detra LED flat panel lighting (O.E.A) to new suspended ceilings within rooms as per setting out detail shown. Contractor to include for new 3 hour emergency battery backup supplies to units where shown. Supply and install 14no. new Detra 4W LED Self contained surface hanging glare Exi sign above emergency exits as shown on plan.

**Fire Detection:**

Reinstall 20no. salvaged smoke detectors to new positions shown on suspended ceiling grids. Installation to be tested and commissioned upon completion.

Supply and install 14no. new smoke detectors to new positions shown on ceiling timber grids. Installation to be tested and commissioned upon completion. Units to match existing system installed on site.

Void detection not required.

**Heating Ventilation and Cooling:**

Relocate existing boiler from room G/051 to new position in existing boiler house G/057. Include for all adaptations to pipework and electrical system required.

Supply and install 10no. new mechanical extract units to positions shown. Units to be wired to provide minimum of 300% handgrip and ventilation. Contractor to allow for all new spurs and ducting required for installation.

Supply and install all double connector radiators to positions shown, allowing for all new pipework where required. System to be sized by contractors specialist to suit room requirements.

AC	Access Control Interface (Existing position)	SR	Server Panel (Existing position)
DB	Distribution Board (Existing position)	MR	Mechanical Heater (Existing position)
PK	Fire Alarm Beacon (Existing position)	CK	Fire Alarm Beacon (New position)
MR	Existing Boiler (New position)	GM	Existing Gas Meter (New position)
CCTV	Existing CCTV (New position)	DB	Existing Distribution Board (New position)
•	New Light Switch	K	New Emergency Key Test Switch
1	New switched double gang power supply (New position)	↑	New switched double gang power supply
→	New double data point (Cable tray)	↔	New water table draining (New position)
↖	New switched fan spur	↗	Alarm cord with 2 and 3 handgrip
⊗	Downward facing light fitting (O.E.A)	⊗	Downward facing light fitting (O.E.A)
⊙	As above with 3 hour backup	⊙	As above with 3 hour backup
EXIT	Detra LED Exi sign (Existing position)	EXIT	New Indicator
EXIT	Armstrong Ultima + suspended ceiling	EXIT	Armstrong Dune Supreme suspended ceiling
EXIT	Proposed arrange trace	EXIT	Proposed gas trace
EXIT	Proposed grid for new data	EXIT	Proposed grid for new data

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**PROJECT**  
Temporary Accommodation at Bruncliffe  
DRAWING NO. DV/1431-1-04

**DRAWN**  
CAB  
**DATE**  
May 2017

**SCALE**  
1:100@A1  
**DRAWING NO.**  
DV/1431-1-04