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ST FINIAN'S COMMUNITY COLLEGE / Science Room

Specification for Gas Services

(To be read in conjunction with Drawings)

Site Meetings to be arranged for detailed discussion with Architect re. Services before any work starts.

GAS WORK:

- The work must be carried out by a Registered Gas Installer (RGI) and the nomination approved by the Architect.
- The gas works must comply with IS820 (non-domestic gas installation).
- The completed installation shall be tested for leaks and certified leak free.
- After completing the work, the RGI must provide a Declaration of Conformance (DOC) Certificate.

GENERAL DESCRIPTION :

Remove existing pipework and fittings.

Connection of gas services from existing service in Science Room.

Pipework to be surface mounted.

Underfloor duct to Students' pedestals.

Gas Outlets at Students' Pedestals:

- Two-gas outlet with lever control and serrated nozzle outlet with anti-rotation pin.
- Brass body with anti-corrosive plastic coating to EN 13792.

Gas Pipework:

- Distribution of gas pipework from gas proving panel.
- Emergency shut-off valve to be fitted.

- Underground pipework to be 28mm gas TRAC pipework (continuous, without joints) in floor slab connected to 20mm steel pipework above ground.
- 28mm pipework of gun barrel steel with welded joints.
- Isolation valves at connections.

Alarms:

- Gas detectors to be fitted in Science and Prep Rooms.
- Carbon monoxide sensor and alarm to be fitted in Science and Prep Rooms.

Peter Ging, FRIAI, Architect

15 June 2026