

Project Particulars

Summer Works 2026 for Climate Action, to refurbish 2 Existing Home Economics Rooms and all associated works at St Tiernan's Community School.

at

St Tiernan's Community School, Balally, Dublin

For

St Tiernan's Community School, Parkvale, Balally, Dublin 16, D16 KW26

June 2026

Volume A.1.1_Project Particulars

New Home Economics Rooms at St Tiernan's Community School, Dublin

June 2026

1.1. PROJECT TEAM

Employer:	Board of Management, St Tiernans Community School Cathedral Square, Galway. Tel 01 295 3224 deputy@tiernans.ie
Architect & Employer's Representative:	Paul Dillon Architects, Maam Valley Connemara, County Galway Tel: 087 6786244. info@pauldillonarchitects.com
Services Engineer:	Heavey Kenny Associates, 6 Liosban Business Park, Tuam Rd, Galway. Tel: 091 565 195 admin@heaveykennyassociates.ie
Fire Engineering Consultant:	John O'Shaughnessy 3 Dr. Mannix Drive Salthill, Galway Tel: 091 584231 johnosh@eircom.net
Project Supervisor Design Process:	Mr. Paul Dillon, Paul Dillon Architects, Maam Valley, Connemara, County Galway Tel: 087 6786244. info@pauldillonarchitects.com

1.2. PROJECT & SITE DESCRIPTION

SITE LAYOUT DRAWINGS: The site is described on the relevant Site Layout Plan

GENERAL DESCRIPTION OF SITE: The construction period is to be 255 calendar days. The contractor is to manage all of the works, including temporary works, in such a way and in such a sequence that enables the existing school to remain fully accessible and operational at all times.

SITE & ACCESS RESTRICTIONS: Refer to Site Layout Plan and Preliminary Health and Safety Plans for specific restrictions and access issues to be considered during the course of the contract. Extent of proposed construction site and contractors compound is also described on the Preliminary Health and Safety Plan and on the Site Layout Plan. The Contractor shall note that working hours shall be restricted to between 8.00 a.m. - 7 p.m. Monday to Friday and 9.00 a.m. - 1.00 pm on Saturdays, no works shall take place on site on Sundays, Bank Holidays or Public Holidays. The Contractor shall note that there will be restricted access between 8.30 a.m. - 9.15a.m. and 15.30 p.m. - 16.15 p.m. on schooldays.

1.3. GENERAL DESCRIPTION OF THE WORKS

THE WORKS comprises

Summer Works 2026 for Climate Action, to refurbish 3 no. Science labs and preparation area, roof repair and all associated works at St Tiernan's Community School. Bike Racks and EV charging provision will also be installed.

GENERAL REQUIREMENTS

2.1. MATERIALS & WORKMANSHIP

- (a) **MATERIALS AND GOODS** as specified are to be the best of their respective kinds, "fit for purpose" in accordance with Building Regulations, and those for which there is an Irish/British Standard or Code of Practice are to comply therewith and shall bear the Irish/British Standard mark or alternatively shall be certified to a National Standard of another member of the European Union which provides an equivalent guarantee of safety and suitability - certification and/or a Declaration of Conformity to be by the National Standards Authority of Ireland.
- (b) **CURRENT STANDARDS:** Generally, references to Irish, British, EN, or other National Standards or Codes of Practice do not give the year of issue or dates of amendments and the latest relevant published version including any relevant amendments published at the date of tender shall apply. Where a Standard Code of Practice has been superseded the edition current at the date of invitation to tender shall apply.
- (c) **CODES OF PRACTICE** The contractor shall provide a copy of any relevant codes of practice for use by his site supervisory staff.
- (d) **SAMPLES OF MATERIALS,** manufacturers articles and executed work shall be submitted as required to the Employer's Representative for approval before incorporation into the works and articles not so approved shall be removed, if directed by the Employer's Representative. Approval of any materials or work will not relieve the contractor from responsibility for defects subsequently arising.
- (e) **STORAGE OF MATERIALS:** All unfixed materials shall be carefully stored in accordance with the best practice and in a suitable position on site. Manufacturers

Volume A.1.1_Project Particulars

or agents recommendations regarding storage, transportation, application, material compatibility, workmanship, health & safety, etc. shall be strictly observed.

(f) **WORKMANSHIP**

- All workmanship shall comply with current Irish / British Standard Code of Practice or equivalent standard as noted above and in accordance with B.S. 8000 - "workmanship on building sites" IS / 150 9000 / EN 29000 quality system management and in accordance with Building Regulations Technical Guidance Document Part D.
- When required working / shop drawings, calculations, documentation, certification, samples, etc. submitted by specialist to the Employer's Representative for consideration and comments before any work is fabricated.
- On completion the Main Contractor must submit to the Employer's Representative a minimum of four copies of as built drawings, maintenance manuals, material / component guarantees; Certificates of Compliance with Building Regulations and / or relevant standards; and including design, installation and commissioning certificates where applicable collated in a Building Manual.

2.2. TRADE NAMES

- (a) **PROPRIETARY NAMES:** Where materials, appliances or fittings of special design, manufacture or description, patented or otherwise, are described by reference to the proprietary names it shall be deemed to include the term "or equivalent". Trade names and/or suppliers are sometimes used for the purpose of brevity and clarity of technical, aesthetic and functional intent. Such references are for the conveniences of the tenderer in clearly indicating the standard of technical, aesthetic and functional requirements sought by the specifier. The intention is not to favour one product over another or to eliminate other products/suppliers.
- (b) **OR EQUIVALENT:** The phrase "or equivalent" in all tender documentation and drawings shall mean, the material or product named, or a similar product of equal quality and performance, which has been approved by the Employer's Representative. No substitution of materials shall be accepted without the Employer's Representative prior written approval. Other materials/suppliers may be put forward for consideration as equivalent materials to those stated in the specification. Approval for substitution of equivalent materials/suppliers will be given where the alternative material/supplier are demonstrable equal in full accord with the original specification. Equivalence of an offered substitution will be judged on the basis of objective, clear and verifiable independent proof of similar compliance with equal standards to those specified.
- (c) **VERIFICATION:** Where appropriate verification is provided through a detailed technical dossier, drawings, data sheets and/or a test report from a recognised body, a material/product substitution will be permitted by the architect who is the Employer's Representative. Any increased costs arising whatsoever from such a substitution in terms of redesign, rescheduling, health and safety issues etc. shall be borne by the Contractor.
- (d) **WRITTEN AUTHORIZATION:** In every case where, on the drawings, in the specification or in the Bill of Quantities, materials, appliances or fittings of special design, manufacture or description, patented or otherwise, are described or the names of the manufacturers or agents are given, any departure from the specified articles or material will only be permitted on the written authorisation of the Employer's Representative. If no such authorisation (which shall not be unreasonably withheld) is obtained, the contractor must supply the articles or materials specified.

2.3. CONTRACTOR TO VISIT THE SITE

TENDERERS are advised to visit the site and satisfy themselves as to facilities for site access, the supply of labour and materials the district will afford, the general convenience of working, the nature of the soil, the nature, character, dimensions, level and other features of the site, all existing features thereon and adjoining, site security and all other things insofar as they may have any connections with or affect the full and proper execution of the works. They will be deemed to have taken all the

Volume A.1.1_Project Particulars

New Home Economics Rooms at St Tiernan's Community School, Dublin

June 2026

above matters into account when tendering and no claim for any payment will be allowed in consequence of the Contractor's failure to do this. **To arrange for a Site Visit please contact St Tiernan's Community School, Dublin, Telephone: 01 295 3224**

2.4. CONTRACT

- (a) **CONDITIONS OF CONTRACT:** The Contractor shall execute the applicable Conditions of Contract. The applicable Conditions of Contract shall be the Department of Finance Short Public Works Contract PW-CF6 designed by the employer. The Conditions of contract applicable in the specific project shall be the Conditions of Contract as set out in the Project Particulars.
- (b) The Schedule to the contract shall be Schedule Part 1 for Building works Designed by the Employer as set out in the Project Particulars
- (c) **APPLICATION OF CONDITIONS OF CONTRACT:** Nothing in the Specification or the Bill of Quantities shall override, modify or affect in any way whatsoever, the application or interpretation of the clauses contained in the Conditions of Contract.
- (d) The form of contract together with the various model forms and rules to be used in this project are those available on the Department of Finance (DoF) website <http://www.constructionprocurement.gov.ie/> and include (but are not necessarily limited to);
 - PW-CF6 Public works contract for building works designed by the Employer.*
 - MF 1.2 Letter to apparently unsuccessful tenderer*
 - MF 1.3 Letter of intent*
 - MF 1.4 Letter of acceptance*
 - MF 1.5 Letter to tenderers notifying award*
 - MF 1.6 Performance Bond (if required)*
 - MF 1.7 Parent Company guarantee (as applicable)*
 - MF 1.10 Appointment of Project Supervisor*
 - MF 1.11 Professional Indemnity Insurance Certificat*
- (e) **BOND:**
 - The Contractor shall if required by the Client enter into a bond with an approved Insurance Company for 25% of the Contract Sum within the time stipulated in the Contract. The Bond shall comply with model form 1.6 (MF 1.6 – Performance Bond).
 - A Contractor that proposes a bond issued by foreign financial institution must ensure that it contains a provision that ensures that it is subject to the exclusive jurisdiction of the Irish Courts. The sole law governing the bond will be Irish Law.
 - The Bond shall incorporate provisions permitting variations to the scope of the contract, extensions to the period for completion of the works, indulgences, forbearance /concessions, alterations to the terms of payments, compromises/settlements of disputes without reference to the Surety, provided such matters do not materially affect the risk covered by the Bond.
 - It may provide for cover level to be reduced by 50% from the issue of the certificate of Substantial Completion for the complete project under the Public Works Contract specific to this project. . The risk must remain on cover for a further period of 15 months from the date of issue of such certificate of Substantial Completion.
 - The period of notification, to the surety by the Contracting Authority or its representative of any serious breach of or default in any of the terms and conditions of the contract by the contractor shall not be less than 3 months.
 - It shall include an arbitration provision, in the event of a dispute arising between the Surety and the Contracting Authority. The Arbitrator to be appointed by agreement, or failing

Paul Dillon Architects, Maam Valley, Connemara, Co Galway. Tel: 087 6786244 info@pauldillonarchitects.com

agreement an Arbitrator appointed, on the request of either party, by the President for the time being of the Royal Institute of the Architects of Ireland. Any reference to arbitration shall be deemed to be a submission to arbitration within the meaning of the Arbitration Act 1954 (Number 26 1954) or any statutory re-enactment or amendment thereof in force at the time.

2.5. MANAGEMENT OF THE WORKS

(a) SUPERVISION: The Contractor shall accept responsibility for co-ordination, supervision and administration of the Works, including all specialists. The Contractor shall arrange and monitor a programme with each specialist, supplier, local authority and statutory undertaker, and obtain and supply information as necessary for co-ordination of the work.

(b) MONITORING: The Contractor shall record progress on a copy of the programme kept on site. If any circumstances arise which may affect the progress of the Works he shall put forward proposals or take other action as appropriate to minimise any delay and to recover any lost time.

(c) CONTRACTOR'S PROGRESS & SITE MEETINGS

The Contractor shall submit a progress report to the Employers Representative prior to each site meeting. Notwithstanding the Contractor's obligations under the Contract the report must include:

- A progress statement by reference to the master programme for the Works.
- Details of any matters materially affecting the regular progress of the Works.
- Any requirements for further drawings or details or instructions to enable the Employer's Representative to fulfil his obligations under the Conditions of Contract.
- The Contractor shall submit a progress report to the Employers Representative fulfilling all the obligations in accordance with clause 4.10 of the conditions of contract
- The Contractor shall hold meetings with appropriate specialists and suppliers shortly before main site meetings to facilitate accurate reporting of progress.

2.6. HEALTH & SAFETY

(a) GENERAL REQUIREMENTS

THE PRELIMINARY HEALTH & SAFETY PLAN has been prepared by the appointed Project Supervisor Design Process (PSDP), in accordance with the requirements of the Safety, Health and Welfare at Work (Construction) Regulations 2006 for the purpose of providing information to the Project Supervisor Construction Stage. The Preliminary Health & Safety Plan includes the following information :

- i. a general description of the project and of the time within which it is intended that the project will be completed,
- ii. appropriate information on any other work activities taking place on the site,
- iii. where appropriate, work related to the project which will involve particular risks to the safety, health and welfare of persons at work including but not limited to those referred to in Schedule 1,
- iv. the basis upon which the time in subparagraph i. was established, taking into account Regulation 11(1)(a) of the aforementioned,
- v. the conclusions drawn by designers and the project supervisor for the design process as regards the taking account of the general principles of prevention and any relevant safety and health plan of safety file.
- vi. Details of information to be included in the Safety File.

- THE PROJECT SUPERVISOR CONSTRUCTION STAGE (PSCS) will be responsible for managing and co-ordinating the construction phase safety and health issues on site. However, it is noted that the presence of a PSCS does not

Volume A.1.1_Project Particulars

relieve other contractors/employers of their obligation with their statutory safety and health obligations.

- Where Construction Work is planned to last longer than 30 working days or the volume of work is scheduled to exceed 500 person-days, the PSCS, before the work begins, shall give notice to the Health & Safety Authority in approved form (i.e. AF2), sent either by registered post or as may be directed from time to time by the Authority.

(b) PSCS RESOURCES

The contractor shall make available, at the time of tender, detailed information relating to their competency and on resources to be allocated to discharge his duties as Project Supervisor Construction Stage. This information should include:

- Details of project specific safety management structure for the site based element of this project.
- Details of previous relevant experience as Project Supervisor Construction Stage for projects of similar size, restricted environment, construction methods etc.
- Demonstrate that all proposed site based staff have undertaken health and safety training, in particular with regard to key site hazards and that they have access Health & Safety advice either internally or via a consultant.
- Details of the proposed project team, including the Safety Advisor/Officer, with Curriculum Vitae's and anticipated reporting structure.
- Details of Health & Safety qualifications and training undertaken by Management and key personnel.
- An outline of the company's plant and equipment resources and testing policy.
- Demonstrate processes for fulfilling relevant duties under the Safety, Health and Welfare at Work (Construction) Regulations, 2006 including preparing the Project Specific Construction Stage Safety & Health Plan, including its intended structure and broad timescales for its development in addition to monitoring and enforcing compliance among sub-contractors.
- Full safety records for the last 3 years. These details should include all notifiable accidents/incidents and convictions in any jurisdiction. In addition, please include the number of man hours worked.
- An outline of the Company's plant and equipment resources.
- A statement of the average annual resource levels over the past 3 years.
- A statement indicating present/future workload within the project life in order to demonstrate the capacity to undertake and properly resource this project.
- Details of the Company's quality system.
- Upon appointment of the PSCS, the Construction Stage Safety & Health Plan shall be developed and submitted to the Project Supervisor Design Process for comment not less than 15 working days before commencement on site.

(c) SAFETY FILE

The PSCS is required to develop the Safety File over the course of the works and issue to the PSDP at or before Practical Completion. A non-exhaustive list of information to be included in the Safety File is included in the Preliminary H&S Plan and all material is to be provided both in hardcopy (A4 binder) and electronic format (.pdf on disk).

(d) DUTIES OF PROJECT SUPERVISOR - CONSTRUCTION STAGE

The PSCS shall comply with the provisions of the Safety, Health and Welfare at Work Act 2005 and the Safety, Health and Welfare at Work (Construction) Regulations 2006 (in particular Regulations 16-23) including the obligation to:

- Co-ordinate the implementation of the construction regulations by contractors;
- Organise the co-operation between contractors and the provision of information;
- Co-ordinate the reporting of accidents to the Authority;

- Notify the authority before commences where construction is likely to take more than 500 person days or 30 working days;
- Provide information to the site safety representative;
- Co-ordinate the checking of safe working procedures;
- Co-ordinate the measures to restrict entry to the site;
- Co-ordinate the provision and maintenance of welfare facilities;
- Co-ordinate arrangements to ensure the craft, general construction workers, and security workers have a Safety Awareness card, e.g. Safe Pass and a Construction Skills card where required;
- Co-ordinate the appointment of a site safety representative where there are more than 20 persons on site;
- Appoint a safety advisor where there are more than 100 on site;
- Provide all necessary safety file information to the PSDP;
- Monitor the compliance of contractors and others and take corrective action where necessary
- Notify the authority and the client of non-compliance with any written directions issued;
- If necessary, issue directions to designers and contractors
- Practical Completion will be conditional on handover of the Safety File information to the PSDP.

2.7. FIRE SAFETY

- (a) APPROVED FIRE SAFETY CERTIFICATE: The Fire Safety aspect of the works will be subject to and carried out in accordance with the approved Fire Safety Certificate and in compliance with the current fire codes and the Building Regulations.

2.8. GENERAL OBLIGATIONS

- (a) PLANNING PERMISSION: The contractor shall have due regard to the conditions attached to the Planning Approval and in particular any condition which states that the development shall be carried out in its entirety in accordance with the plans, particulars and specification.

(b) NECESSARY PRECAUTIONS

- The contractor shall take all necessary precautions to safeguard workmen, employees, the client and his representatives and prevent damage to any existing adjacent roadways and landscaping.
- The contractor shall provide all necessary barriers, hoardings, scaffolding, dust screens, etc and keep all debris well watered to prevent dust. All debris shall be removed as quickly as possible and the existing areas adjacent to the work shall be kept clean and tidy at all times.

(c) SECURITY

- The contractor shall acquaint himself fully with the nature, extent, and sequence of security arrangements required in connection with the work to be carried out. The contractor shall safeguard the site, the works, materials and plant against unauthorised entry, damage and theft and provide watching and lighting as necessary.
- Ensure that all openings and the like broken out or formed are adequately secured against trespassers and in particular children during and outside normal working hours and provide adequate protection for personnel within the completed buildings and for the extent of the new building.

- (d) CONVENIENCE OF OCCUPANTS: Due consideration must be given to occupants and end users.

- (e) SLURRY FROM CONCRETE MIXER: Special provision shall be made to ensure that no slurry, or other solid matter from the concrete enters any sewer. For this

Volume A.1.1_Project Particulars

New Home Economics Rooms at St Tiernan's Community School, Dublin

June 2026

purpose the Contractor shall construct a settling basin through which all water from the concrete mixer shall pass. This basin shall be at least 1.25m wide, and 3m long, and 500mm deep. It shall be cleaned regularly of settled matter.

- (f) **CLEANING OF THE ROADS:** All necessary measures shall be taken by the contractor to prevent spillage or deposit of clay, rubble or other debris on adjoining roads during the course of the works. Any such material that has been deposited on roads, lanes and public property adjacent to the site (as a result of the Contractor's operations), litter, includes spillage from, and material carried out on the wheels of vehicles, shall be thoroughly cleansed by him immediately, and as often as requested by the Employer's Representative

2.9. ACCESS

- (a) **AGREEMENT WITH LOCAL AUTHORITY:** Location of access to site as per Site Layout drawing.
- (b) **MAKE GOOD DAMAGE:** Any damage caused by traffic to and from the site during the construction period shall be made good by the contractor at his own expense on completion of the project.
- (c) **EXISTING ROADS, PAVING, GRASSED AREAS,** etc. both inside and outside the site boundaries must be left in the same condition as they were prior to commencement of the works. The contractor is advised to carry out a photographic condition survey of these areas prior to commencing his site setting up.
- (d) **ALL DELIVERIES** to site shall be made via the approved access gate.
- (e) **PARKING ON SITE** is strictly controlled and the contractor must ensure that all vehicles belonging to his own staff and those of specialists are either parked within approved areas designated off site by agreement or within the contractors hoarding line in accordance with the PS-CS Health & Safety Plan.

2.10. SITE PREPARATION

(a) PROTECTION

- All existing buildings, trees, planting, fences, gates, walls, power lines, services/utilities and other site features, (which are to remain in position during the execution of the works) from damage by site operations, and make good any damage to existing features resulting from the works.
- Remove shrubs, trees and planting only as indicated by the Employer's Representative, grub up roots and remove from site. Fill in voids left by removal of roots with hardcore or soil as appropriate to be obtained off site. Protect all planting to be retained.

(b) SITE HOARDING:

- Provide site hoarding and safety barriers as indicated to the extent indicated on Site Layout Plan. Ensure integrity of hoarding from unauthorized access, in particular from access by children.
- Include for the removal of hoarding and safety barriers on completion.
- Provide for secure site entry gates.
- Providing proper signage to indicate flow of traffic.
- Allow for removal and re-siting of hoarding on completion of various stages of the works as required.
- The entire site (including builders compound) encompassing the new works is to be hoarded off from the remainder of the site.
- The hoarding to consist of good quality exterior grade plywood sheeting or SmartPly Site Protect OSB3 Grade or equivalent, not less than 18mm thick and 2.4m high from existing road level and agreed surround ground level fixed securely to timber carcassing or as specified in the Bill of Materials and /or in the Preliminary Health and Safety Plan.
- All plywood hoarding or SmartPly Site Protect OSB3 or equivalent is to be painted in two coats gloss paint (one colour).
- Should the contractor wish to incorporate additional coloured banding, signage or such like he shall do so at his own expense and only with the Employer's Representative permission.

(c) SETTING OUT

- The line, and levels of formation, side slopes, drainage, carriageways, tracks, footways, and hard shoulders shall be carefully set out, and frequently checked, care being taken to ensure that correct gradients, and cross sections are everywhere obtained.
- The finished surface of the carriageways and footways shall be formed so as to provide adequate fall to, and satisfactory run off at all surface outlets, gullies etc.
- The Contractor shall be entirely responsible for any errors in setting out regardless of whether the Employer's Representative has checked the setting out or not.

(d) EXISTING SERVICES

- The Contractor shall, as far as possible ascertain for himself the positions of underground services, and shall take all precautions for their protection.
- He shall make good any damage to drains, sewers, mains, cables, or other property caused by his operations.
- All existing gas pipes, water pipes, electric cables, sewers, drains, and other services which do not in the opinion of the Employer's Representative require to be changed in location, shall be carefully supported, and protected from damage by the Contractor, and in the case of such damage shall be restored by him to as good condition as that in which they are found.

TEMPORARY WORKS:

The Contractor shall provide, maintain and remove on completion of the works all temporary works necessary for the proper execution of the Contract and such temporary works shall be executed, at his own expense, and constructed, and maintained to the satisfaction of the Employer's Representative.

The PSCS should identify, plan and organise foreseeable temporary works. The appointed Temporary Works Coordinator shall coordinate with a task specific Temporary Works Designer and relevant Permanent Works Designer via a Design Brief to confirm all temporary works design assumptions in addition to ensuring the coordination of permanent works can be completed without risk to those involved. The PSCS will co-operate with all relevant parties thereby enabling the PSDP to co-ordinate the design of Temporary Works.

2.11. EXCAVATION

- (a) **STRUCTURAL SPECIFICATION:** Refer to the Structural Specification for General Excavations Work, General Fill Work, and Excavations and Fill Work for Structures & Pipelines.
- (b) **DRAINAGE/SURFACE WATER:** See Structural Engineer's drawings & specifications for external drainage and Mechanical and Electrical Engineers drawings & specifications for internal drainage.
- (c) **PIPES AND SERVICES:** When the contractor encounters, in the course of excavation, any water, gas, electricity or other mains, these shall be reported to and dealt with as directed by the Employer's Representative
- (d) **TREES AND ROOTS**
- Trees to be removed within the confines of the site shall be uprooted or cut down as near to ground level as is possible, cut in lengths, the roots grubbed up and all disposed of off the site of the proposed works.
 - All other trees and planting shall be preserved and protected as further described.

Volume A.1.1_Project Particulars

New Home Economics Rooms at St Tiernan's Community School, Dublin

June 2026

- (e) **EXISTING TOPSOIL IN SITE:** The Client shall retain the ownership of the soil. It is to be deposited on site in required areas with reference to landscaping, and redistributed as directed by the Employer's Representative on completion of construction. Refer to section Q28.
- (f) **PROTECT EXISTING:** Excavations for foundations in positions adjacent to existing buildings, and pathways shall be carried out in such matter that at any time these buildings, and roadways are not endangered by the excavation; all propping, shoring and methods of excavation must be discussed with the Employer's Representative will not relieve the Contractor in any way of his responsibility to ensure the safety of the working, and the adjacent buildings.
- (g) **TRENCH SUPPORTS:**
 - The Contractor shall design, furnish, put in place, and maintain such sheeting, bracing, etc., as may be required to support the sides, and roof of the excavation, and to prevent any movement which can in any way be a safety hazard, injure the masonry, concrete or pipeline, diminish the necessary width of excavation, or otherwise injure or delay the work or endanger adjacent pavements, buildings or other structures.
 - Great care must be taken in excavating service trenches etc. alongside foundations. Particular attention shall be given to all excavations and filling which extends to depths sufficient to fall within a dispersion angle of 45 degrees from the underside of any foundations or services.
- (h) **PIPES AND SERVICES:** Where directed all temporary or disused pipes etc. in or under the permanent work, are to be filled in solid with fine concrete or grout.