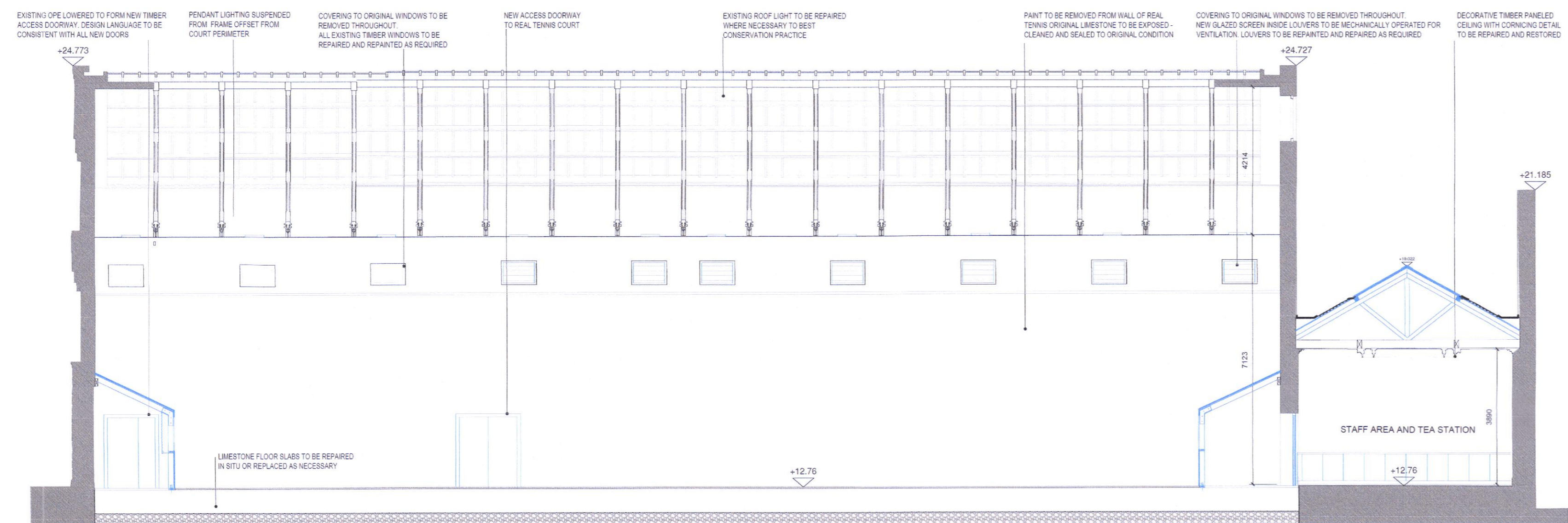
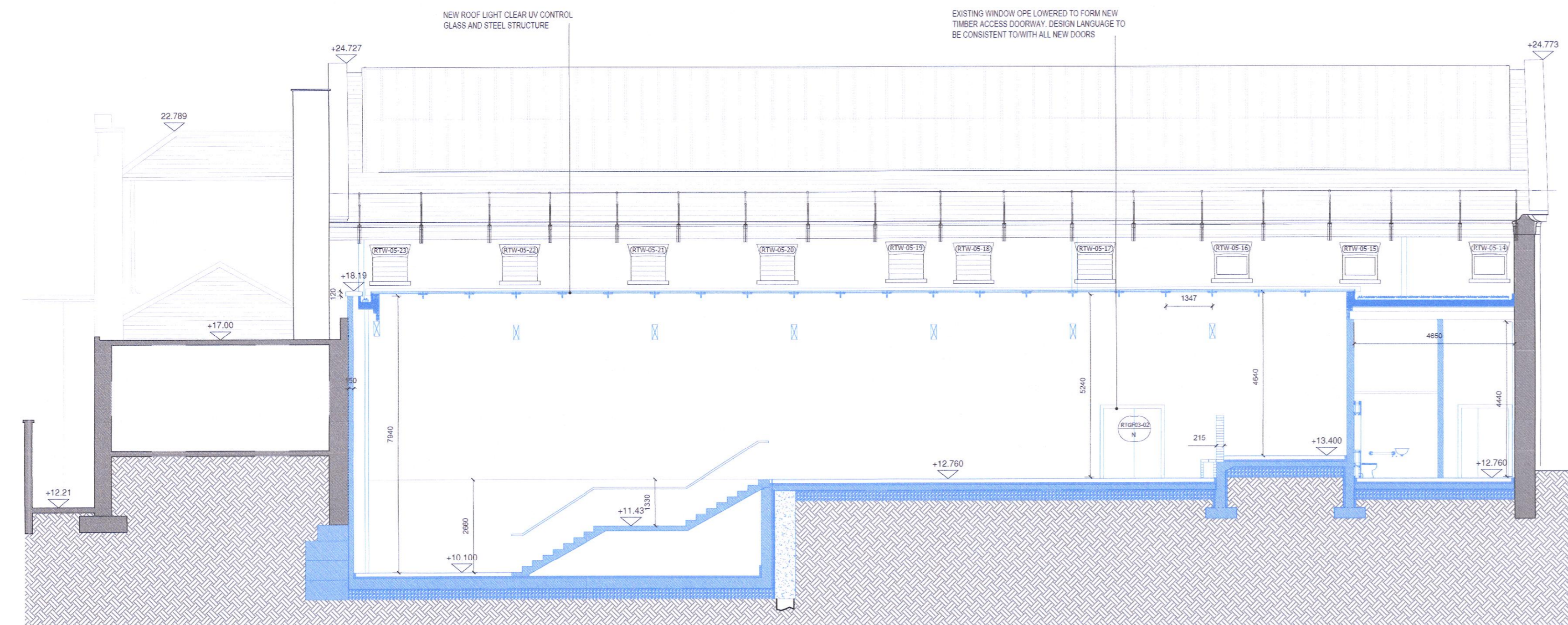


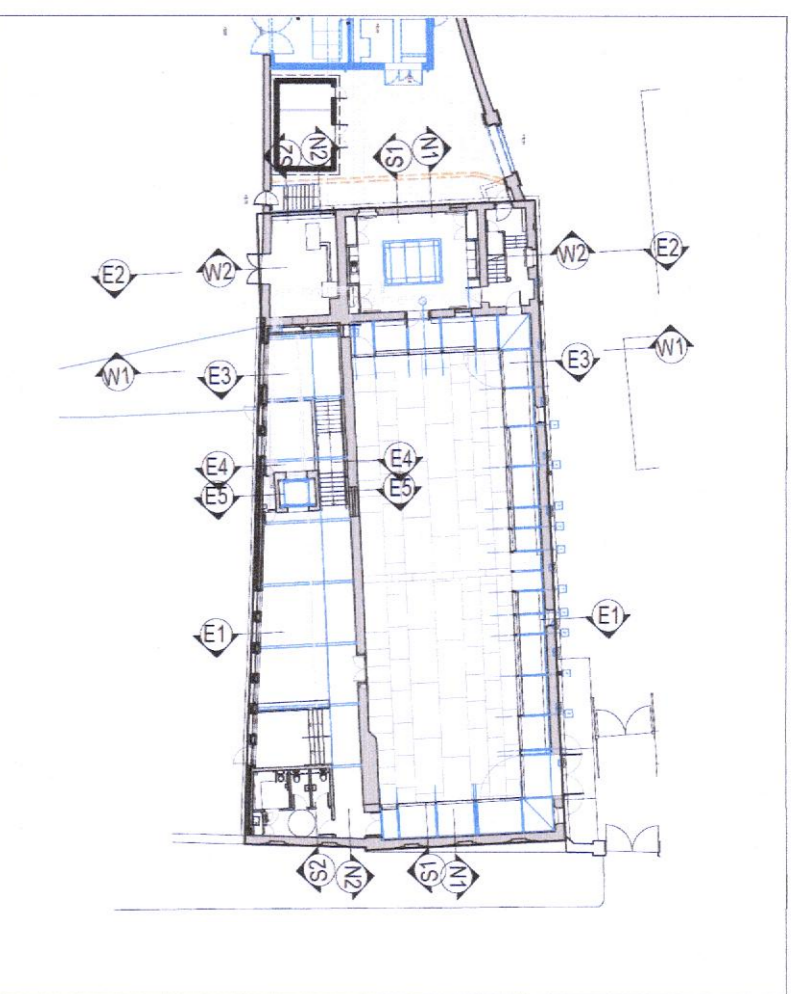
PROPOSED SECTION N1



PROPOSED SECTION S1



PROPOSED SECTION N2



KEY PLAN
 Symbol Key

- Proposed demolitions of modern fabric
- Proposed demolitions of historic fabric
- Proposed new construction
- Existing structure
- Site subject to planning application
- Adjacent land in Applicants Ownership

GENERAL NOTES:

Window: All existing external timber windows to be retained, repaired and repainted as required. Refer to window drawings for further detail.

New Entrance Door: It is proposed to convert the existing window opening into a door opening and to install a new door of a contemporary design. The admission is required to facilitate the proposed new accessible entrance to the building. The width of the existing opening will be maintained. The opening will be carefully cut into the existing stone/brick masonry wall with the opening made in modern materials.

Buttress and stone toothing: The excessive infill material at lower levels is to be removed. The stone projections are incorporated as a principal feature in the design of the rear elevation, allowing the history of the building to be read clearly.

Glazed link: The link between the old and the new building will lightly contact to the old stone elevation. Structural connections will be developed with conservation architect to maintain minimum impact to the existing fabric. A light steel glazed frame roof and bridge will connect the new and the old.

Stone Cleaning: It is proposed that a stone cleaning specialist in consultation with a conservation specialist will carry out stone cleaning samples on discrete areas of the existing fabric using a suitable stone cleaning specification for the building where required. It is proposed that extensive stone cleaning will then be carried out in accordance with this specification. Additional stone cleaning samples will be carried out by a specialist in the Real Tennis Court to establish a suitable cleaning method to remove modern paint from stone walls but retain original court markings.

A stone in-situ repair: repair is proposed for any areas of damaged stone. All stone restoration, repair, sanding and re-pointing work to the existing building shall match the existing in colour, texture and finish. All stone repairs will be assessed by a specialist and carried out only where deemed necessary.

Brickwork: All brickwork to be salvaged from demolitions and reused on site. Site markers to be used for all works to protected structures. All existing brickwork joints to be raised to a minimum of 20mm and pointed with a red joint or cement lime mortar.

New Brickwork: Any new brickwork to be removed to be salvaged for appropriate reuse within the project.

New Structural Openings: Any new openings will be carefully cut into the existing masonry wall with new concrete lintels over. The structural openings will be made in modern materials, with a concrete lintel. The grade and head of the openings will be finished in an architrave of a contemporary style to make the modern intervention clearly legible within the historic space.

Existing internal wall partitions to be removed: The location of ground level beams supporting the upper floor or each of the structural bays means that partitions can be introduced or removed, as has happened throughout the building history, without damage to the cornice (unless it exists) and without excessive effort or character. New walls to be plasterboard stud partitions.

Floors: All floor tiling to be cleaned and restored. Where necessary, badly broken, damaged or missing tiles will be replaced with tiles of similar type, size and finish.

Existing Timber Floors: All existing floors to be repaired, cleaned, sanded and sealed.

Parquet flooring: All parquet flooring to be cleaned and restored. All missing timber pieces to be replaced with timber of similar type, size and finish.

Skirting: All skirtings repaired, cleaned and painted. All new skirtings to match.

Corridor Ceilings: New access hatches to be inserted in to ceiling of central corridor to allow access to existing service route which will be protected from mechanical and electrical services. These new hatches will be located away from any decorative ceiling cornice and will have a minimal impact on the historic fabric. Locating the existing service route minimises the impact of services within the building as a whole.

Corridor Ceilings: Any modern suspended ceilings to be removed and plaster ceiling to be repaired and made good.

Cornice: All decorative cornice to the rooms and corridor in the East wing will be cleaned, repaired and replaced to match existing if necessary. In the North wing decorative cornice and moulding is limited to the central corridor only. All decorative cornice will be cleaned, repaired and replaced to match existing if necessary.

Windows: All existing external timber windows to be retained, repaired and repainted as required. Refer to window drawings for further detail.

Doors: All existing door to be retained, repaired and repainted as required. Refer to door drawings for further detail. New glazed screen and doors of a contemporary design to be inserted into the existing corridor as required to meet current fire safety regulations. Finings to the existing concrete and steel columns will be required to locate the door in place, these will be kept to a minimum to ensure minimal disturbance of the historic fabric and located to avoid the decorative plasterwork to the underside of cornice beams.

Mechanical and electrical services: These will be located in existing routes within the building where possible. New power and data points will be required for the exhibition spaces. The impact of these fittings will be mitigated by careful positioning and the use of existing route voids where possible. Any new lighting will be new lighting suspended from or surface mounted on the existing fabric. Existing heating system to be restored to full working order.

REFER TO THE FOLLOWING DWGS FOR SPECIFIC PACKAGES

- PLA 001-001 SITE & LANDSCAPE PLAN
- PLA 010-014 EXISTING PLANS - DEMOLITIONS
- PLA 020-030 EXISTING & PROPOSED ELEVATIONS
- PLA 030-040 EXISTING INTERNAL ROOM ELEVATIONS BASEMENT
- PLA 040-050 EXISTING INTERNAL ROOM ELEVATIONS GROUND FLOOR
- PLA 050-060 EXISTING INTERNAL ROOM ELEVATIONS FIRST FLOOR
- PLA 060-070 EXISTING INTERNAL ROOM ELEVATIONS SECOND FLOOR
- PLA 080-090 EXISTING INTERNAL CORRIDOR ELEVATIONS
- PLA 110-119 PROPOSED PLANS
- PLA 120-129 EXISTING & PROPOSED SECTIONS
- PLA 130-140 PROPOSED INTERNAL ROOM ELEVATIONS BASEMENT
- PLA 140-150 PROPOSED INTERNAL ROOM ELEVATIONS GROUND FLOOR
- PLA 150-160 PROPOSED INTERNAL ROOM ELEVATIONS FIRST FLOOR
- PLA 160-170 PROPOSED INTERNAL ROOM ELEVATIONS SECOND FLOOR
- PLA 180-199 PROPOSED INTERNAL CORRIDOR ELEVATIONS
- PLA 200-224 EXISTING & PROPOSED REAL TENNIS

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 Architects, Patrick Mooney, Sabine Klingner,
 Dónal Ryan
 Graduate Architects, Shane Sugrue, Lily O'Donnell

Revision	Date	By	Chk'd	Description
rev	xx/xx/xx	aa	aa	Issued for--

Revision	Date	By	Chk'd	Description

Project Title:
**National Children's Science Centre
 Earlsfort Terrace**

Drawing Title:
**Real Tennis Court
 Proposed Sections**

Project Role:	OPW Section Project Reference:	Scales at A1:
Cultural	H.14.003	1:100
Drawn: DR	Checked: SW	Approved: SW
Date: 01/08/2022		
Status Description: Planning	Status: PLA	Revision: Rev
Drawing Number: 223		