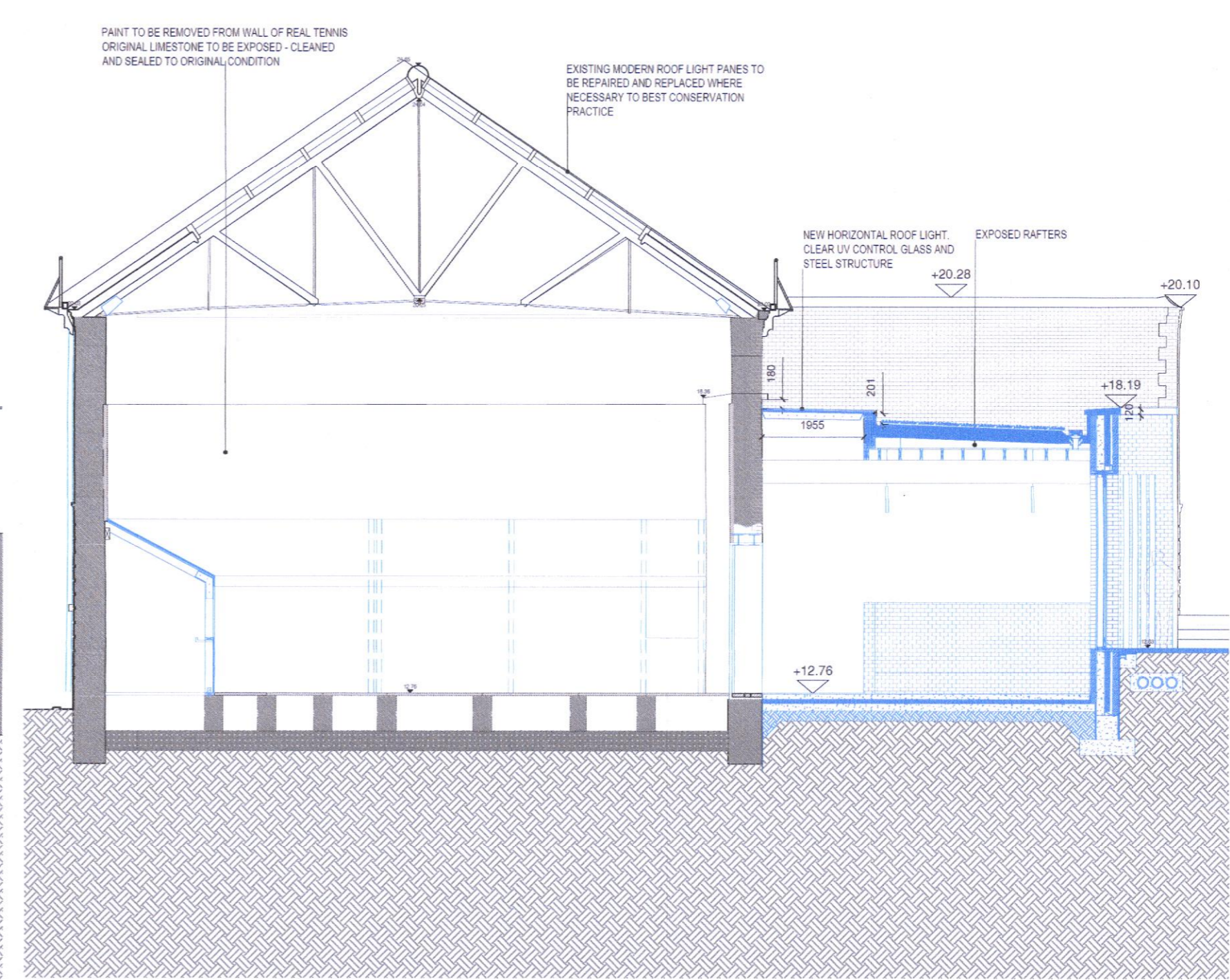
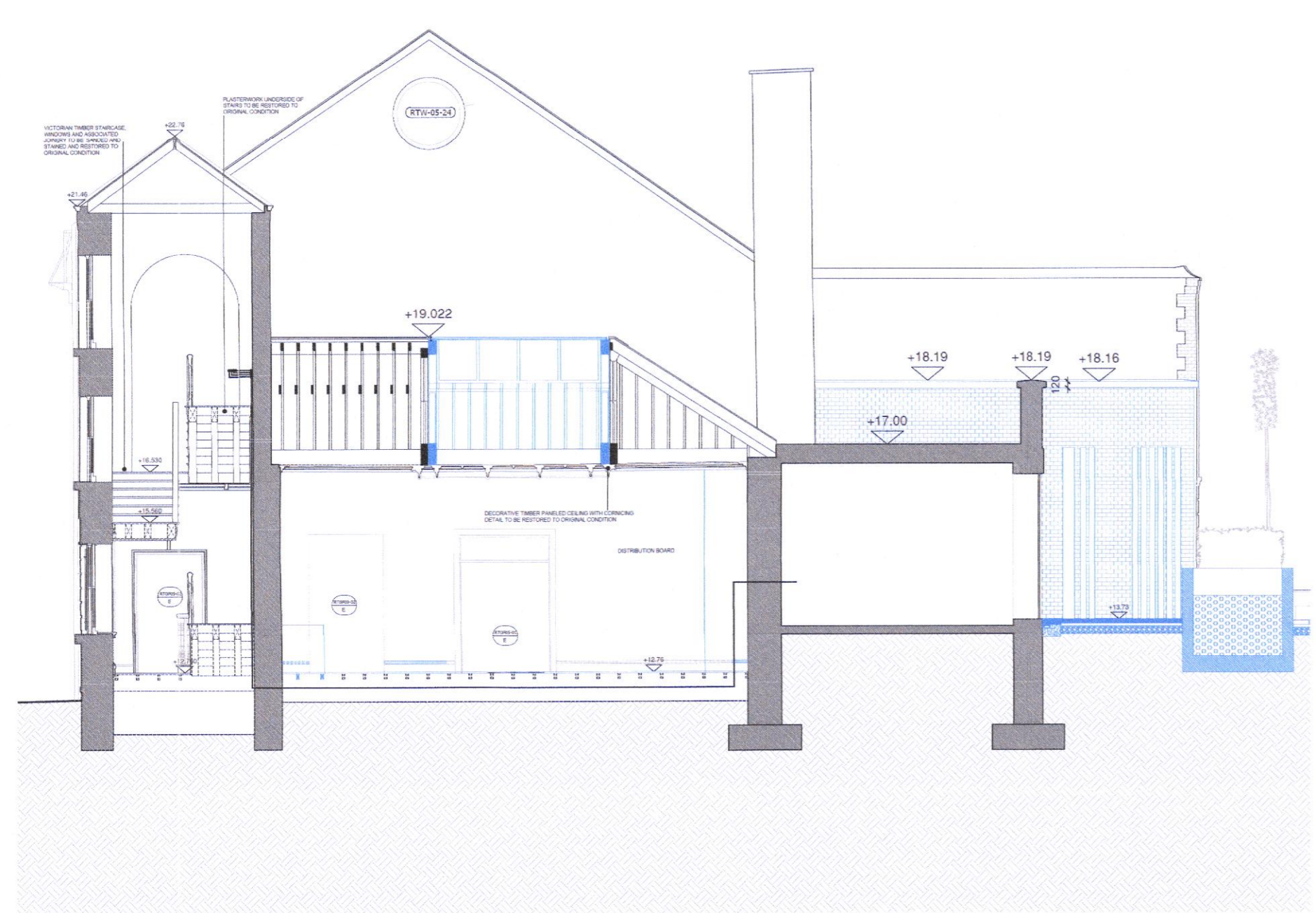


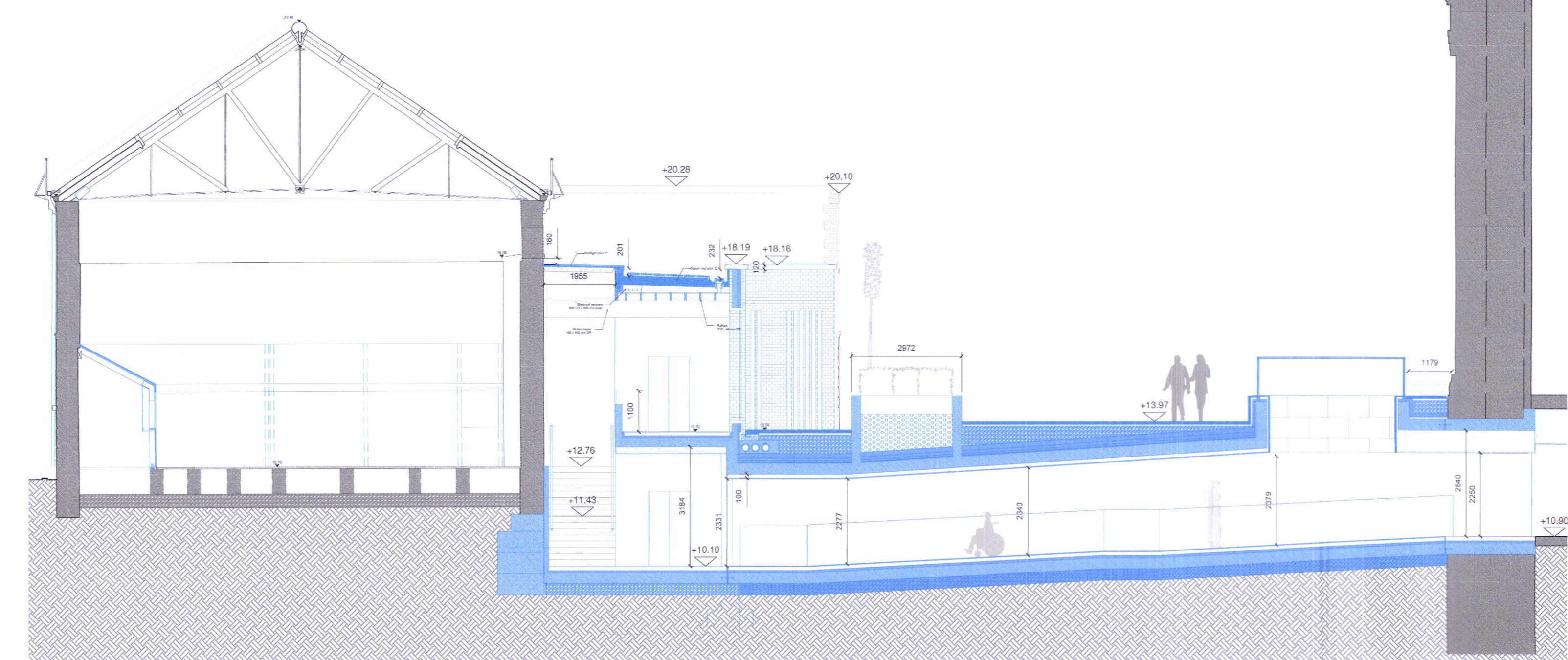
PROPOSED SECTION S2



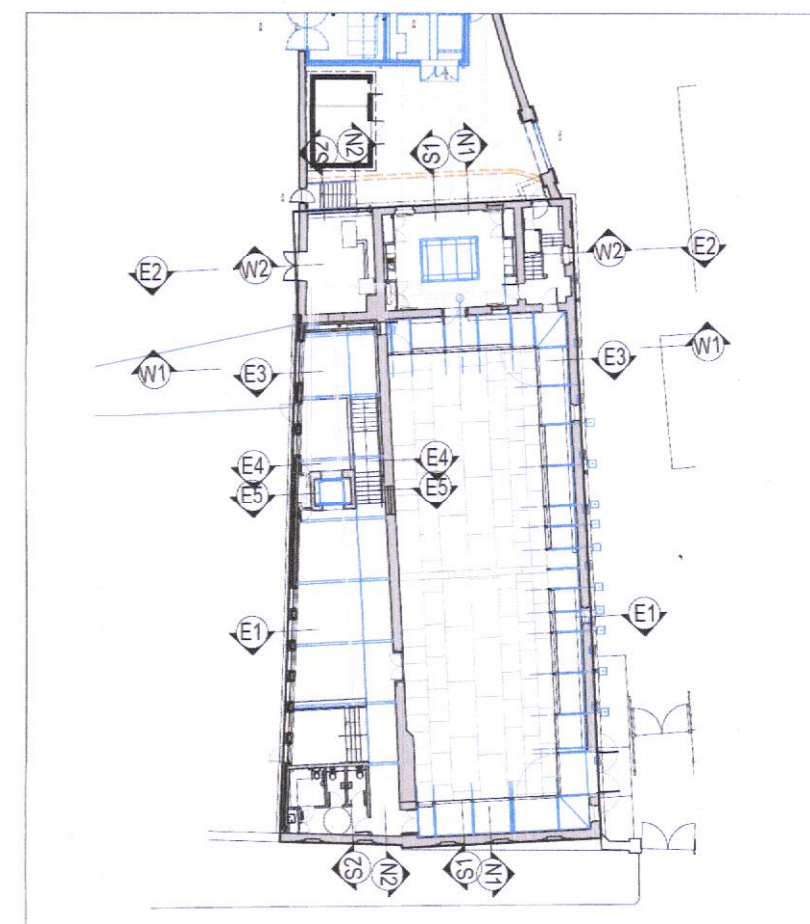
PROPOSED SECTION E1



PROPOSED SECTION E2



PROPOSED SECTION E3



KEY PLAN
DCC PLAN NO 4951/22
RECEIVED : 29/09/2022

- 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

Brickwork: All brickwork to be salvaged from demolitions and reused on site. Lime mortars to be used for all works to protect structures. All existing brickwork joints to be re-set only at least 20mm and pointed with a neat joint in cement lime mortar.

Any new brickwork will match the bond of the existing brickwork and will be a complimentary colour. Any brickwork to be removed to be salvaged for appropriate reuse within the project.

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

Flashings: All lead flashings to roof/wall junction to be inspected and repaired/replaced. All lead repair works to be carried out by a competent and experienced sub-contractor, and all lead work to be in accordance with LSA guidelines.

Existing roof slates: Damaged slates to be repaired and replaced (to match existing) where necessary. The structural integrity of secondary support structures will be investigated and upgraded as required with minimal impact to the historic fabric of the building. Any new interventions will be executed in modern materials making them clearly identifiable as modern insertions. All slates will be removed and carefully stored for the duration of these works.

Existing Asphalt roof:

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 joints and head of the openings will be finished in an architrave of a contemporary style to make this modern intervention clearly legible within the historic fabric.

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

Floors: All floor slabs to be cleaned and restored. Where necessary body joints, 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 centre corridor to allow access to existing service route which will be used for proposed new 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. Reusing 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.

Cornices: All decorative cornice to the rooms and corridor in the East wing will be cleaned, restored 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, restored and replaced to match existing if necessary.

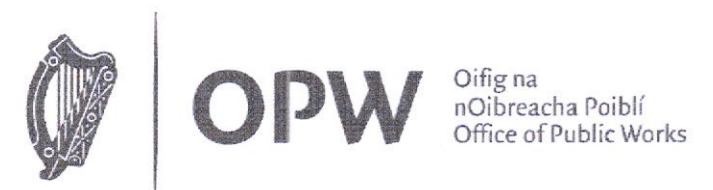
Windows: All existing external timber windows to be retained, repaired and repainted as required. Refer to window drawings for further detail.

Doors: All existing door to be retained, repaired and repainted as required. Refer to door drawings for further detail. New glazing screens 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 ensure the door in place there 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 things will be mitigated by careful positioning the use of existing routes voids where possible. Any new lighting will be track 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 001-000 SITE & LANDSCAPING PLANS
- PLA 010-014 EXISTING PLANS - DEMOLITIONS
- PLA 020-026 EXISTING & PROPOSED ELEVATIONS
- PLA 030-043 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



Major Projects
Sarah Woods, Senior Architect M.R.I.A.I.
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:	Checked:	Date:
DR	SW	01/08/2022
Status Description:	Status:	Revision:
Planning	PLA	Rev
Drawing Number:		
221		