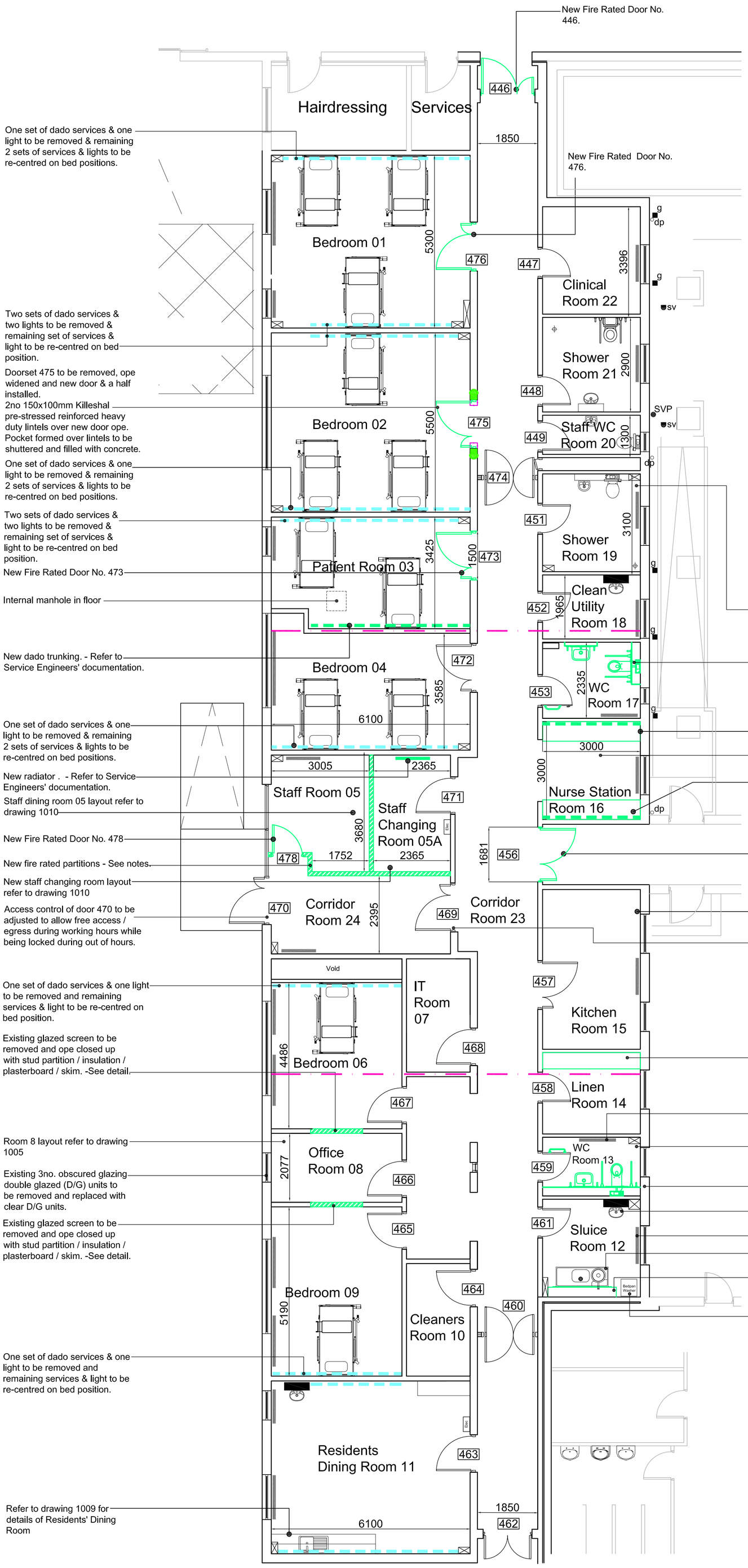

SUSPENDED CEILINGS:
Zentia (formerly Armstrong) Prelude 24 (Class 0 fire rating), patent 24mm suspended ceiling system with 314032 main runner, 312021 cross tee and Prelude 24 CR T1924L perimeter trim. Symmetrical layout, clip fix to non-corrosive white colour metal grid suspension system installed and fixed in accordance with the manufacturers instructions.
https://www.armstrongceilings.com/static/assets/global/commclgeu/files/Datasheet/10582.PDF

Ceiling Tiles:
Zentia Armstrong Titan (formerly Ceramaguard) tiles reference 607M, white colour, size 600 x 600 x 15 mm thick.

Hangers: Zentia (formerly Armstrong) A W950 G Suspension wire secured to soffit with all necessary brackets and fixings.

Perimeter trims: Plasterboard perimeter margin using Axiom Transitions Angle (Item No. BPT 3215A, colour: Armstrong Global White) connected to the suspended ceiling grid at 600mm centres using the Axiom Universal T-Bar Connector Clip (Item No. BPA 339). Axiom Transitions Angle to be suspended to the soffit at maximum 1200mm centres using the Transitions Suspension Clip (Item No. BPA 321 A for 19mmx19mm suspension angle and BPA 322 A for 6mm threaded rod). Lengths of Axiom Transitions Angle greater that 3000mm will require Axiom Universal Splice Plates (Item No. BPA 338) and right angled junctions will require Axiom Universal Corner Clips (Item No. BPA 340) Axiom Transitions Plasterboard Perimeter Trim (Item No. BPT 3225 A, colour: Armstrong Global White) to be mechanically fixed to the wall at a maximum of 450mm centres. The plasterboard shall be supported using Armstrong T35 knurled plasterboard suspension grid (Item No. BP 124033KD (main runner) and BP 123033KD (1200mm cross tee) at centres of 400mm - 600mm dependent on the width of the plasterboard margin and dimensions of the plasterboard. The T35 grid shall be fixed using the Axiom Universal T-Bar Connector Clip (Item No. BPA 339) to both the Axiom Transitions Angle and the Axiom Transitions Plasterboard Perimeter Trim.

METAL STUD PARTITION:

NOTE - NEW STUD PARTITION TO EXTEND UP TO THE UNDERSIDE OF PLASTERBOARD CEILING.

System type - GypWall Single Frame
Partition nominal thickness (excluding finishes): 110mm
Fire Rating (Integrity & insulation): 60 minutes.

Framing components

Gypframe metal stud reference:	Gypframe 48S50 'C' Studs
Stud centres:	600mm
Gypframe channel reference:	Gypframe 50FEC50 Floor & Ceiling Channel fixed at 600mm centres.
Acoustic sealant:	Gyproc Sealant applied around perimeter to both sides of partition framework. Locate sealant at junctions with adjoining structure and other air paths. Apply as a continuous bead to clean, dry, dust-free surfaces, leaving no gaps. After application of sealant, bulk fill gaps between floor and underside of plasterboard using Gyproc joint compound.

Plasterboard components
Number of plasterboard layers each side: 2

Gyproc plasterboards: Layer 1:	15.0mm Gyproc Wallboard
Screw fixings for boarding: Layer 1:	25mm Gyproc Drywall Screws
Gyproc plasterboards: Layer 2:	15.0mm Gyproc Wallboard
Screw fixings for boarding: Layer 2:	40mm Gyproc Drywall Screws

- All board joints installed staggered in accordance with Gyproc's current installation recommendations.
- Vertical Joints in face layer boards treated in accordance with Gyproc Paper Joint Tape method.
- Horizontal joints in face layer boards to be backed by Gypframe GFS1 Fixing Strap and treated in accordance with Gyproc Paper Joint Tape method.
- Gyproc DryWall screws installed at 300mm centres (200mm at external corners)
- Gyproc DryWall screws must maintain a minimum 10mm penetration through metal framing components.

Board layer 1 (inner), fix securely to Gypframe metal supports around the perimeter of the board at maximum 300mm centres; Board layer 2 (outer), fix securely to all Gypframe metal supports around the perimeter of the board and intermediate stud positions at maximum 300mm centres. External corners reduce fixings to 200mm. All joints staggered between layers. Fix working from the centre of each board. Position screws not less than 13mm from cut edges and 10mm from bound edges of boards. Set screw heads flush with plasterboard surface; do not break paper or gypsum core.

Insulation Component:	50mm Isover Acoustic Roll
Finishing:	2mm Gyproc Skimcoat plaster (or Carlite Finish) applied in accordance with Gyproc's current recommendations.

Roof void fire curtain barrier replacement

General
Remove existing damaged fire curtain barrier, battens and loose patches on the lines shown, and replace with a new flexible fabric fire curtain barrier forming a continuous fire and smoke barrier from the top of the ceiling/wall head below to the underside of the roof covering, full width between gables/eaves. Barrier to be a proprietary woven glass fibre fire curtain system tested to I.S. EN 1366-4 or BS 476-20/22, min. fire resistance E60 / EI15 , installed strictly in accordance with the manufacturer's tested details. Basis of design: Firefly Phoenix, Nullifire FB810 or equal approved. Works by a contractor certified under a recognised third party passive fire protection installation scheme (e.g. FIRAS, IFC Certification or equal approved).

Installation
Fix curtain to rafters, ridge, purlins and wall plate/joists with manufacturer's treated timber battens and steel staples/screws at centres to the tested detail. Min. 100mm laps between sheets, stapled and sealed with manufacturer's tape/adhesive. Seal curtain to roof underlay/sarking, rafters and structural timbers passing through with manufacturer's intumescent sealant or wrap. At base, return and fix curtain to ceiling joists and seal to ceiling/wall head below, with insulation cut back and reinstated on each side so the seal is continuous. No gaps, tears, unsealed openings or loose sections.

Penetrations
All pipes, ducts and cables passing through the barrier to be sealed with the manufacturer's tested penetration seal system for the service type and size (pipe collars/wraps for plastic and insulated pipes, intumescent sleeves or mastic for metal pipes, cable transit seals or intumescent pillows for cable bundles). Rationalise and group services where possible. Remove redundant services before the barrier is installed. - Refer to Service Engineers' documentation.

Access
Access through the barrier is required. Provide a proprietary access door/opening kit tested with the curtain system, self-closing or held closed with fixings to the tested detail. Otherwise no opening to be formed. No cutting or alteration of the barrier after installation.

Identification and certification
Label barrier on both faces at max. 2m centres "Fire barrier, do not damage or penetrate". On completion submit a certificate of conformity under the contractor's third party scheme, with product data and test evidence, as-installed photographs of each penetration seal and fixing detail, and a marked-up plan of the barrier line, for inclusion in the Safety File.

NOTE: Refer to Service Engineers' documentation and drawings for details of mechanical and electrical items.

Refer to Drawing	
Builder's Compound & Access Plan.	1001
Demolitions, Ceiling Heights, Section.	1002
New Works Plan	1003
Nurses' Station	1004
Office Room 8	1005
WC Room 13	1006
WC Room 17	1007
Door & Ironmongery Schedules	1008
Resident's Dining Room 11 & Linen Room 14	1009
Staff Rooms 5 & 5A	1010
Kitchen	1011

- New Cable Trunking
- Existing Cable Trunking. Note : All services to be adjusted to suit location and number of beds. (To M&E Specification)
- Approximate location of existing fabric fire curtain barriers in attic to be replaced (2no). See notes.
- Proposed works

BOUNDARY LINE = 489m2

New Works Plan
1:75

0 1M 5M 10M
500mm 2M

NOTE: CONTRACTORS ARE TO ARRANGE TO INSPECT SITE AT TENDERING STAGE

General Notes :

1. Do not scale from this drawing. Use figured dimensions only.
2. This drawing is to be read in conjunction with all relevant specifications and drawings.
3. All dimensions to be checked on site prior to fabrication.
4. In the event of any discrepancies between drawings or any other issued documentation the contractor is to inform the architect immediately.
5. Contractor not to order door, windows or material before sample of each element has been approved by architect.
6. Contractor to submit quality certification before manufacturer of elements.

ISSUED FOR TENDER

THE ROYAL INSTITUTE OF THE ARCHITECTS OF IRELAND FOUNDED 1839

CLIENT: HSE
PROJECT: Refurbishment of Willow Unit at St Josephs Hospital, Ennis, Co Clare
TITLE: New Works Plan *

Code	Originator	Zone	level	Type	Role	Number	Status	Revision
2825	HLA	ZZ	00	DR	A	1003		A

SCALE: 1:75 A1 DATE: Oct 26 DRW BY: DR APP BY: MK

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