

THERMAL PERFORMANCE

ENSURE CAVITY INSULATION IS SECURED FIRMLY AGAINST INNER LEAF OF CAVITY WALL

INSTALL PROPRIETARY CAVITY CLOSER WITH MINIMUM THERMAL RESISTANCE THROUGH THE CLOSER OF NOT LESS THAN 2.90 m²W/K

ENSURE DPC TRAY WRAPPED AROUND CILL IS INSTALLED CORRECTLY

ENSURE SPECIFIED THERMAL BLOCK IS INSTALLED TO MANUFACTURERS GUIDANCE

ENSURE MINUM 50MM THIN-R (0.22 W/mK) INSULATION INSTALLED BEHIND CILL

AIR BARRIER - CONTINUITY

SEAL ALL PENETRATIONS THROUGH AIR BARRIER USING AIR TIGHTNESS TAPE

MASONRY INNER LEAF WITH WET-FINISH PLASTER

APPLY FLEXIBLE SEALEANT TO ALL JUNCTIONS BETWEEN PLASTER AND CILL BOARD AND BETWEEN CILL BOARD AND WINDOW FRAME

ENSURE PHONOTHERM 200 THERMAL INSULATION IS INSTALLED BEFORE AIR TIGHTNESS TAPES, SEALED AT WINDOW/ DOOR & INTERNA/ BLOCK FACE

IF FORMING THE WALL AIR BARRIER WITH BLOCKWORK INNER LEAF OR WITH SCRATH COAT ON BLOCKWORK INSTALL A FLEXIBLE SEALANT BETWEEN THE CAVITY CLOSER AND BLOCKWORK WALL

GENERAL NOTES

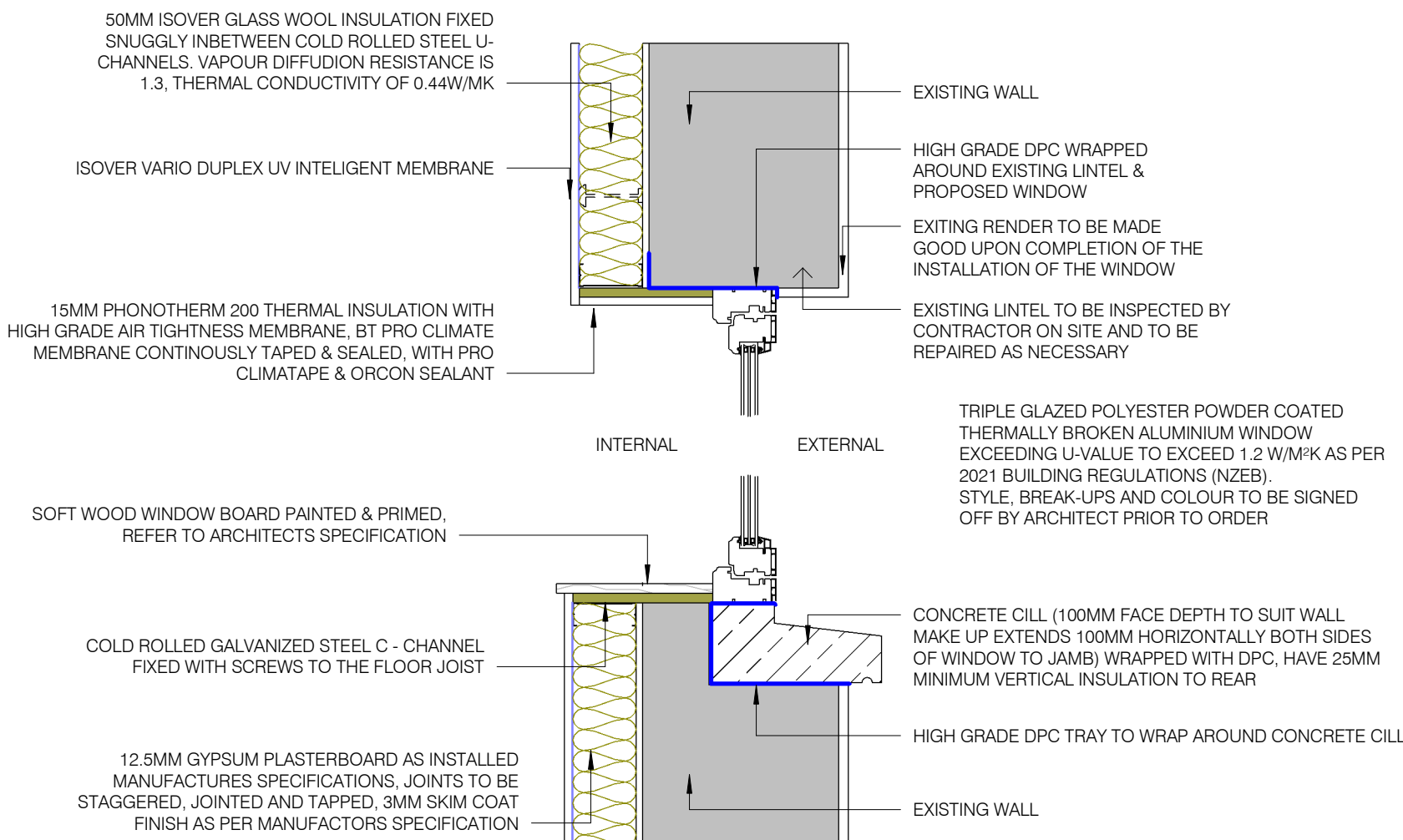
ENGINEERS DRAWINGS AND SPECIFICATION TO SUPERSEDE ARCHITECTS

KEEP CAVITIES CLEAN OF MOORTAR SNOTS AND OTHER DEBRIS DURING CONSTRUCTION

TO BE READ IN CONJUNCTION WITH THE ACCEPTABLE CONSTRUCTIONS DETAILS ANY CHANGES TO THE ABOVE CONSTRUCTION MAY CHANGE THE CALCULATED VALUES

THE U-VALUES INDICATED ON THIS CERTIFICATE ARE THE ACTUAL U-VALUES FOR THE PROPOSED CONSTRUCTION. THE PSI VALUES ARE CALCULATED USING THE MODELLED U-VALUE IN ACCORDANCE WITH THE GUIDELINES SET OUT IN BR 497 AND ISO 10211

WINDOW HEAD & CILL DETAIL
SCALE 1:10



CONTRACTOR TO ALLOW FOR NEW ISOVER OR EQUIVALENT DRYLING SYSTEM TO EXISTING EXTERNAL WALL. REFER TO ARCHITECTS SPECIFICATION FOR MORE DETAILS

CONTRACTOR TO ALLOW FOR NEW COMPLETE STRIP OUT OF EXISTING PREP ROOM. NEW FLOOR FINISHES, WALL FINISHES, CEILING FINISHES & NEW SERVICES THROUGH OUT.

REFER TO GALILEO ENERGY SERVICES DRAWINGS & SPECIFICATION FOR EVERYTHING RELATED TO MECHANICAL & ELECTRICAL SERVICES IN THE SCIENCE LAB

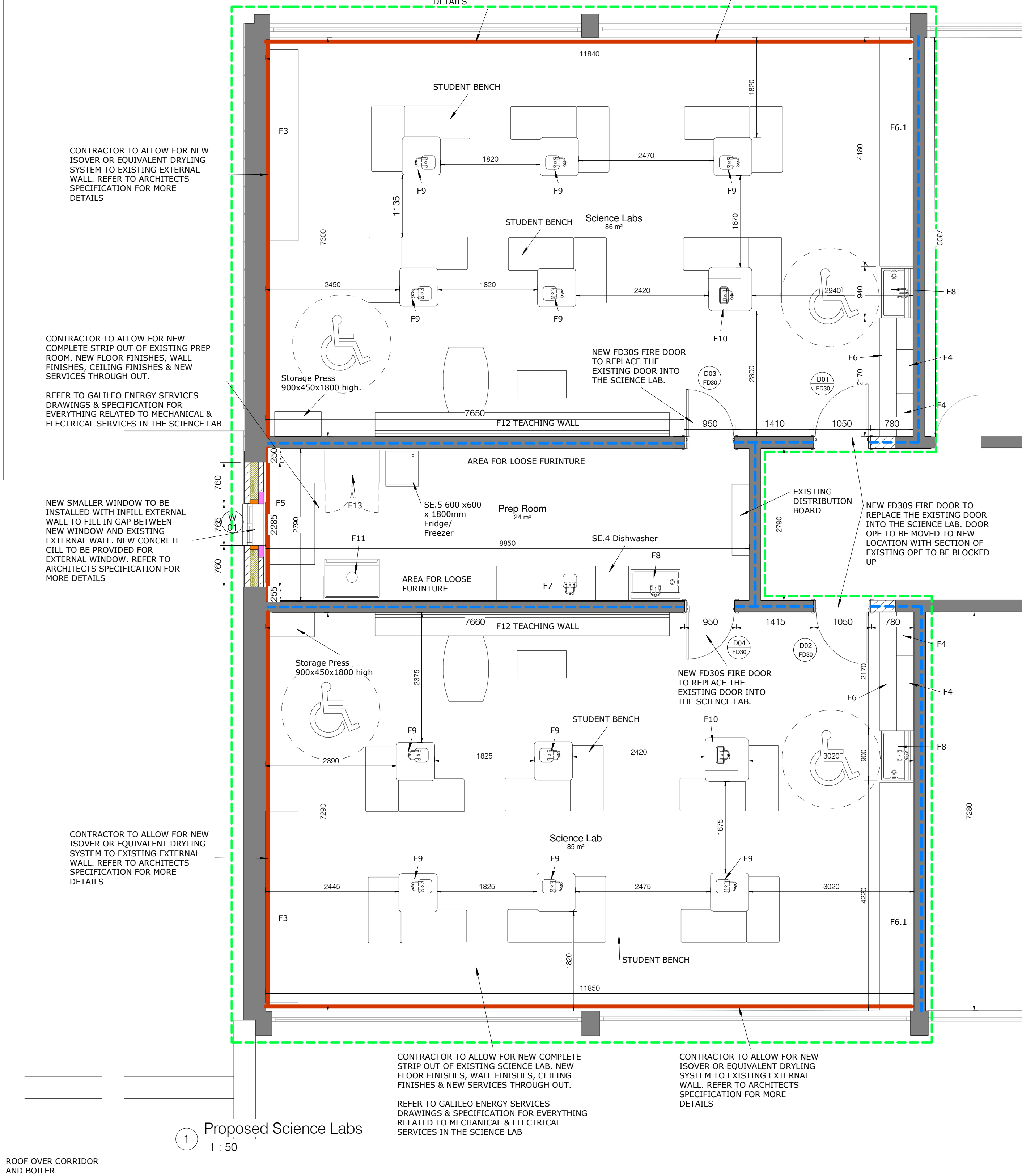
NEW SMALLER WINDOW TO BE INSTALLED WITH INFILL EXTERNAL WALL TO FILL IN GAP BETWEEN NEW WINDOW AND EXISTING EXTERNAL WALL. NEW CONCRETE CILL TO BE PROVIDED FOR EXTERNAL WINDOW. REFER TO ARCHITECTS SPECIFICATION FOR MORE DETAILS

CONTRACTOR TO ALLOW FOR NEW ISOVER OR EQUIVALENT DRYLING SYSTEM TO EXISTING EXTERNAL WALL. REFER TO ARCHITECTS SPECIFICATION FOR MORE DETAILS

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CONTRACTOR TO ALLOW FOR NEW COMPLETE STRIP OUT OF EXISTING SCIENCE LAB. NEW FLOOR FINISHES, WALL FINISHES, CEILING FINISHES & NEW SERVICES THROUGH OUT.

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FIXED FURNITURE

Key	Description	Quantity
F.3	Storage Unit with Sliding Doors	2
F.4	High Level Wall Storage 795 x 720 x 300d	4
F.5	Island with Tray Storage System 1480 x 900	1
F.6	Work-top with base units, 2400 x 625 x 900	2
F.6.1	Work-top with base units, 4200 x 625 x 900	2
F.7	Work-top with base units, 1800 x 625 x 900 with science sink	1
F.8	Belfast sink 900 x 455 (H&C Supply)	3
F.9	Students Science Pedestal 700 x 700 x 1020(h) with Science Sink	10
F.10	Students Pedestal Accessible with Science Sink	2
F.11	Fume Cupboard 1000x840	2
F.12	Teaching Wall Unit 5382 wide	2
F.13	Full Height/ Chemical Storage 1800 (h)	1

SPECIALTY EQUIPMENT SCHEDULE

Key	Description	Quantity
SE.4	Dishwasher	1
SE.5	Fridgefreezer 600 x 600 x 1800 high	1

BUILDING LEGEND

NOTE : BUILDING LEGEND TO BE READ IN CONJUNCTION WITH ACCOMPANYING DRAWINGS AND SPECIFICATION DOCUMENTS.

EXISTING CONSTRUCTION INDICATED THUS.

BLOCKWORK INDICATED THUS.

RIGID INSULATION TO ARCHITECTS SPECIFICATION INDICATED THUS.

PROPOSED THERMAL BLOCK INDICATED THUS.

CAVITY CLOSER INDICATED THUS.

AREA OF PROPOSED WORKS INDICATED THUS.

DRYLING INDICATED THUS.

30 MINUTE FIRE RESISTING STRUCTURE INDICATED THUS. INDICATIVE ONLY, REFER TO F.S.C REPORT & DRAWINGS

1800 X 1800MM WHEELCHAIR TURNING CIRCLE INDICATED THUS.

EXISTING FIRST FLOOR AREA = 1295m²

AREA OF PROPOSED WORKS = 200m²



RIA

Registered
Architect
2024

Architect
Accredited in
Conservation
G3

PSDP
Accreditation
P

MCLA

TENDER
PURPOSES ONLY

Rev	Description:	Date:

Rev	Description:	Date:



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Client : B.O.M Stanhope Secondary School
Project : Stanhope Secondary School Science Labs
Drawing Title : Proposed Science Labs

Project No. : 26 08
Drawing No. : T103
Scale : As indicated
Date : June 2026
Drawn : David Farrell

A1

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