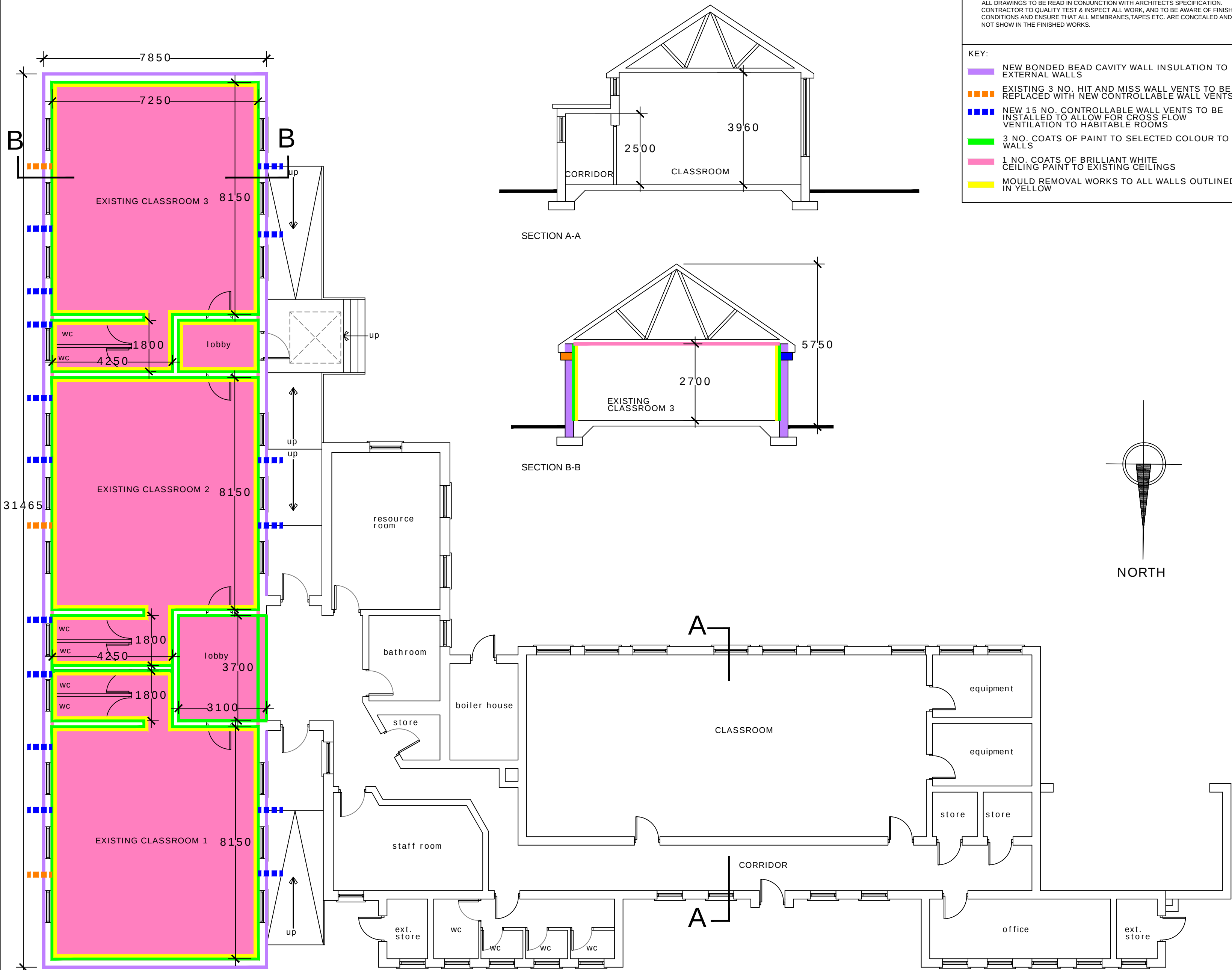




GROUND FLOOR PLAN

NOTE:
WHERE TRADE NAMES ARE USED TO DESCRIBE THE QUALITY OF A PRODUCT THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE PRODUCT, WHICH MEETS THE SAME SPECIFICATION AND PROVIDES THE SAME WARRANTIES AS THAT SPECIFIED. THE ARCHITECTS AGREEMENT TO SAME MUST BE RECEIVED.
ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS SPECIFICATION.
CONTRACTOR TO QUALITY TEST & INSPECT ALL WORK, AND TO BE AWARE OF FINISHED CONDITIONS AND ENSURE THAT ALL MEMBRANES, TAPES ETC. ARE CONCEALED AND DO NOT SHOW IN THE FINISHED WORKS.

- KEY:**
- NEW BONDED BEAD CAVITY WALL INSULATION TO EXTERNAL WALLS
 - EXISTING 3 NO. HIT AND MISS WALL VENTS TO BE REPLACED WITH NEW CONTROLLABLE WALL VENTS
 - NEW 15 NO. CONTROLLABLE WALL VENTS TO BE INSTALLED TO ALLOW FOR CROSS FLOW VENTILATION TO HABITABLE ROOMS
 - 3 NO. COATS OF PAINT TO SELECTED COLOUR TO WALLS
 - 1 NO. COATS OF BRILLIANT WHITE CEILING PAINT TO EXISTING CEILINGS
 - MOULD REMOVAL WORKS TO ALL WALLS OUTLINED IN YELLOW

- Notes**
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 - Work to figured dimensions only. Do not scale print.
 - The contractor is responsible for checking all levels and dimensions on site and shall refer all discrepancies to the architect.
 - Where appropriate, for details of r.o. structure, or mechanical and electrical details, see engineers drawings.
 - Proprietary items shall be fixed in strict accordance with manufacturers instructions.
 - State of proprietary items shall be checked with manufacturer.
 - The contractor shall be responsible for the co-ordination of structure, finishes and services.
 - All construction methods, materials, services & installations to be in accordance with all Irish Building Regulations and codes of practice at the time of construction. All sub-contractors are ultimately responsible for ensuring compliance with Regulations within their own trade.

Revisions			
No.	Date	Details	Initial

GENERAL
CONTRACTOR TO ALLOW FOR THE SAFE REMOVAL OF ALL LOOSE AND FIXED FURNITURE, FIXTURES AND FITTINGS, FIXED NOTICE BOARDS, WHITE BOARDS, WINDOW BLINDS, LOOSE AND FIXED BOOK SHELVES, COAT HOOKS TO A SECURE AREA DESIGNATED BY THE CLIENT AND ALLOW FOR THE COVERING AND SECURE SEALING OF ALL THE OVERHEAD PROJECTORS, INTERACTIVE WHITE BOARDS AND INTERACTIVE FLAT SCREEN TVS TO ALL CLASSROOMS.

CONTRACTOR TO ALLOW FOR ALL EXISTING FLOOR FINISHES TO BE PROTECTED DURING THE WORKS.

CONTRACTOR TO COVER AND PROTECT ALL ELECTRIC EQUIPMENT, FITTINGS AND COMMS BOXES TO THE LOBBY AREA DURING THE WORKS.

CROSS FLOW VENTILATION TO CLASSROOM AREAS:
CONTRACTOR TO ALLOW FOR THE FOLLOWING WORKS:

CONTRACTOR TO ALLOW FOR CORE DRILLING OF 127MM DIA. WALL CORES TO EXISTING CAVITY WALLS IN 15 NO. LOCATIONS AND A MINIMUM HEIGHT OF BETWEEN 2.1M AND 2.4M ABOVE FINISHED FLOOR LEVEL (HEIGHT TO BE AGREED ON SITE) TO FACILITATE NEW PASSIVE WALL VENTS AS INDICATED ON THE FLOOR PLAN COLOURED BLUE.

CONTRACTOR TO REMOVE 3 NO. EXISTING HIT AND MISS WALL VENTS AND ADJUST CORE OPENING SIZES TO SUIT 127MM DIA. WALL CORES IN LOCATIONS COLOURED ORANGE ON THE FLOOR PLAN.

CONTRACTOR TO ALLOW FOR THE APPLICATION OF ALL FIRE STOPPING TO ALL 15 NO. 127MM DIA. CORE OPENINGS. APPLY SIKACRYL-625 FIRE-OR-EQUAL AND APPROVED, TO ALL 15 NO. WALL PENETRATIONS AS PER MANUFACTURERS INSTRUCTIONS.

CONTRACTOR TO INSTALL RYTONS AAC125HPWH SUPER ACOUSTIC CONTROLLABLE WALL VENTS/PILE WITH 127MM DIA TO SUIT CORES, COMPLETE WITH ACOUSTIC SLEEVE, WEATHER COWL, INTERNAL MANUALLY ADJUSTABLE GRILLE AND INSECT MESH. ALL OF WHICH IS REQUIRED TO BE FIRE STOPPED. EACH VENT IS TO BE CAPABLE OF PROVIDING A MINIMUM FREE AIRFLOW OF 8,500mm² IN ACCORDANCE WITH PART F OF THE CURRENT BUILDING REGULATIONS. MINIMUM EQUIVALENT AREA OF BACKGROUND VENTILATOR (mm²) FOR AN OCCUPIABLE ROOM WITH A FLOOR AREA OVER 10m² TO HAVE 700mm²/m² FLOOR AREA. CALCULATIONS ARE BASED ON TOTAL FLOOR AREA IN m² MULTIPLIED BY 700mm²/m². EACH WALL VENT IS TO ACHIEVE ACOUSTIC ATTENUATION OF BETWEEN 45-50dB. ALL TO BE ACHIEVED ON COMPLETION OF ALL AIR TIGHTNESS WORKS.

CONTROLLABLE WALL VENTS ARE REQUIRED TO BE INSTALLED AS DETAILED ON THE ARCHITECT'S DRAWINGS AND ARE TO PROVIDE CONTROLLABLE WALL VENTILATION AS SPECIFIED. WALL VENTS SHOULD BE OF A HIGH CONTROL STANDARD COMPLETE WITH EXTERNAL GRILL, CAVITY SLEEVE WHICH IS REQUIRED TO BE FIRE STOPPED TO ALL CLASSROOM AREAS.

UNITS TO BE INSTALLED WITH PROPRIETARY ACOUSTIC WALL KITS AND SLEEVES AND CW ALL NECESSARY ACCESSORIES AND FITTING KITS.

CONTRACTOR TO ALLOW FOR THE MAKING GOOD OF ALL WALLS INTERNALLY AND EXTERNALLY ON COMPLETION OF THE WORKS.

BONDED BEAD CAVITY INSULATION:
CONTRACTOR TO ALLOW FOR THE INSTALLATION OF BONDED BEAD CAVITY WALL INSULATION AS PER THE FOLLOWING SPECIFICATION OR EQUIVALENT PRODUCT:

THE CAVITY WALL INSULATION SHALL BE KINGSPAN ECOBEAD PLATINUM 35, OR EQUAL AND APPROVED, WITH A THERMAL CONDUCTIVITY (W/MK) OF 0.035, 100MM THICK, COMPRISING OF A GRAPHITE INFUSED BONDED BEAD EXPANDED POLYSTYRENE (EPS) INSULATION, INJECTED IN TO EXISTING CAVITY WALL CONSTRUCTION. THE PRODUCT SHALL BE MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF EN 15809-1: 2019 AND UNDER A MANAGEMENT SYSTEM CERTIFIED TO ISO 9001: 2015, ISO 14001: 2015, ISO 45001: 2018, ISO 50001: 2018 AND ISO 37301: 2021 INSTALLED BY A CERTIFIED INSTALLER OF SUCH SYSTEM.

A SITE SURVEY IS TO BE CARRIED OUT PRIOR TO INSTALLATION BY A TRAINED INSTALLER OF SUCH CAVITY WALL INSULATION SYSTEM, ACTING ON BEHALF OF THE MANUFACTURER/ APPROVED INSTALLER WHO IS TO ASCERTAIN THE SUITABILITY OF THE PROPERTY FOR THE CAVITY WALL INSULATION SYSTEM.

KINGSPAN ECOBEAD PLATINUM 35 OR EQUIVALENT CAVITY WALL INSULATION SYSTEM TO BE EXPANDED POLYSTYRENE (EPS) INSULATION INJECTED IN BEAD FORM WITH A BINDING AGENT INTO EXISTING MASONRY CAVITY WALLS. KINGSPAN ECOBEAD PLATINUM 35 TO PROVIDE AN ELEMENTAL U-VALUE OF 0.29W (M2K) AND A THERMAL CONDUCTIVITY OF 0.035W/MK UP TO A MAXIMUM HEIGHT OF 12M AND TO ACHIEVE A EUROPEAN CLASSIFICATION (EUROCLASS) F WHEN CLASSIFIED TO EN 13501-1 OR EQUIVALENT.

FIRE PERFORMANCE:
KINGSPAN ECOBEAD® PLATINUM® ACHIEVES A EUROCLASS RATING OF F UNDER CLASSIFICATION EN 13501-1: 2018 WITHIN APPENDIX B OF THE SPECIFICATION

THE KINGSPAN ECOBEAD PLATINUM 35 OR EQUIVALENT CAVITY WALL INSULATION SYSTEM IS TO SUPPLIED AND INSTALLED BY APPROVED INSTALLERS. ALL TO BE INSTALLED AS PER MANUFACTURERS INSTRUCTIONS. CONTRACTOR TO ALLOW FOR ALL REPAIRS TO EXISTING EXTERNAL ROUGHCAST RENDERING AND INTERNAL PLASTER WORKS ON COMPLETION OF THE WORKS ALL TO MATCH EXISTING.

PAINTING & DECORATING:

WALLS:
CONTRACTOR TO ALLOW FOR SANDING OF ALL SURFACES TO REMOVE ALL LOOSE DEBRIS AND CLEAN AND WASH DOWN ALL WALLS WITH HOT SOAPY WATER / MILD DETERGENT TO REMOVE ALL GRIME AND DIRT. ALLOW WALLS TO DRY AND APPLY 1 NO. COAT OF APPROVED FUNGICIDAL WASH IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND ALLOW TO DRY.
ON COMPLETION OF MOULD REMOVAL WORKS, CONTRACTOR TO PREPARE WALLS TO RECEIVE FINISHES AND APPLY 3 NO. COATS OF SELECTED COLOUR BREATHABLE DULUX OR EQUIVALENT SATIN SHEEN WALL PAINT TO ALL WALLS.

CEILINGS:
CONTRACTOR TO PREPARE CEILINGS TO RECEIVE FINISHES, APPLY TOUCH UP COAT AS REQUIRED AND APPLY 1 NO. COAT OF DULUX OR EQUIVALENT BRILLIANT WHITE MATT CEILING PAINT TO ALL CEILING AREAS COLOURED PINK.

COMPLETION:
CONTRACTOR TO ALLOW FOR THE REINSTATEMENT OF ALL LOOSE AND FIXED FURNITURE, FIXTURES AND FITTINGS, FIXED NOTICE BOARDS, WHITE BOARDS, WINDOW BLINDS, LOOSE AND FIXED BOOK SHELVES, COAT HOOKS FROM THE SECURE AREA DESIGNATED BY THE CLIENT. SAFE REMOVAL OF ALL COVERINGS AND SECURE SEALINGS OF ALL THE OVERHEAD PROJECTORS, INTERACTIVE WHITE BOARDS AND INTERACTIVE FLAT SCREEN TVS TO ALL CLASSROOMS.

FIXTURES AND FITTINGS AND THE CLEANING OF ALL AREAS BY PROFESSIONAL CLEANERS ON COMPLETION OF THE WORKS. CONTRACTOR TO ALLOW FOR THE MAKING GOOD TO ALL AREAS OF THE WORKS AND ANY AREAS DAMAGED BY THE WORKS OR TO THE SITE COMPOUND AREA DURING THE CONSTRUCTION WORKS TO BE MADE GOOD OF COMPLETING THE WORKS.

MARY HARRINGTON ARCHITECTS. MR. A.I.
THE PINES, BALLYDUFF EAST, KILMEADEN, Co. WATERFORD.
TEL/FAX: (051)384847, MOBILE: (086) 8940571.

TENDER.

PROPOSED FABRIC DEFECTS WORKS AT SCOIL NAISIUNTA
MHICHIL NAOFA, GALMOY, CO. KILKENNY

PROPOSED GROUND FLOOR PLAN & SECTION A-A & SECTION B-B

SCALE: A2 @ 1:100 DATE: APRIL 26 DRN BY: MH DRAWING NO.: 26-109-TR-01

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