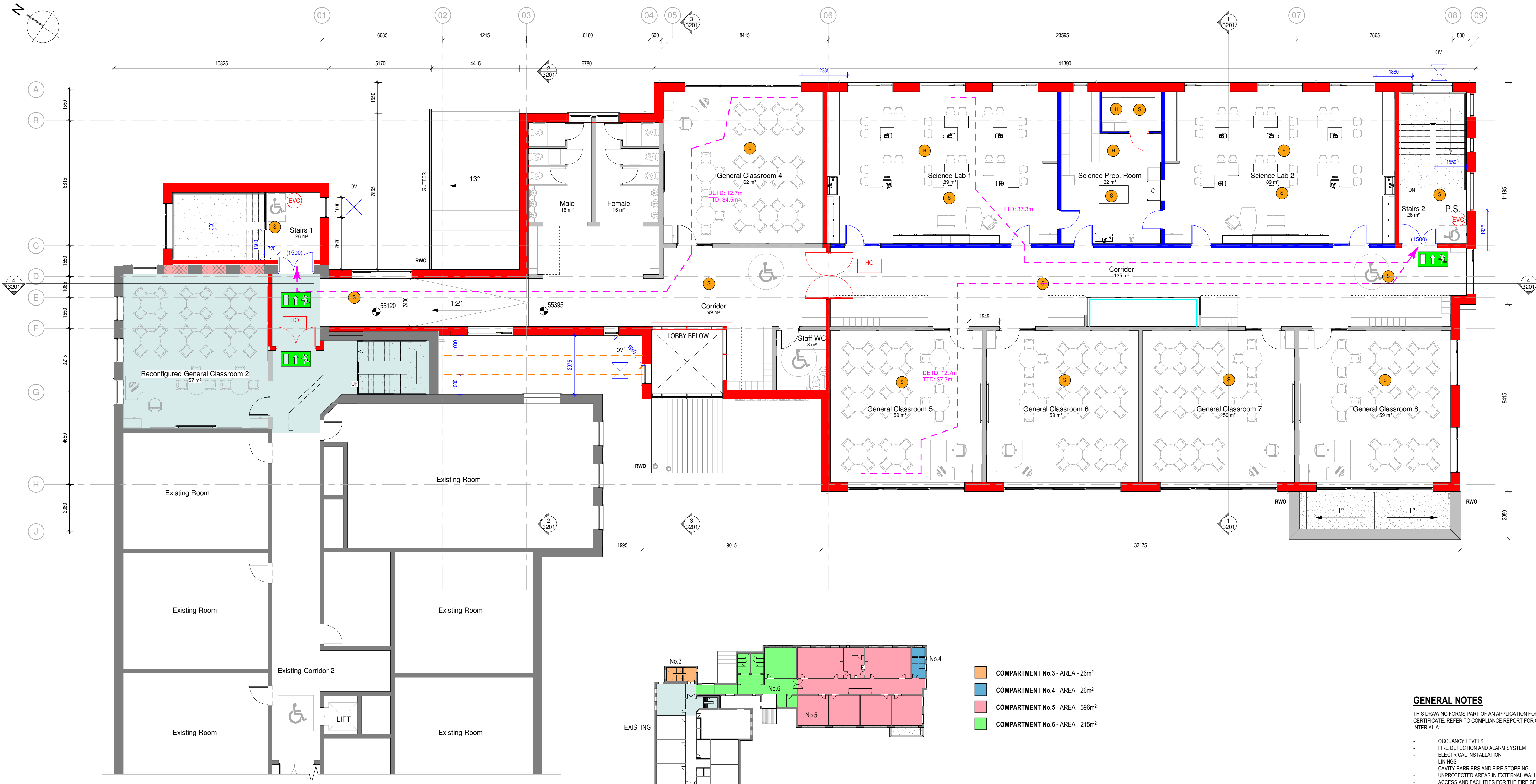




1 01-FSC First Floor Floor Plan
1:100

2 01-First Floor Level - Fire Compartment
1:500

Legend - FSC

- CONSTRUCTION ACHIEVING MIN. 60 MINUTES FIRE RESISTANCE RATING IN ACCORDANCE WITH BS 476: PART 8/20-24 AND APPENDIX A OF TGD B 2006.
- CONSTRUCTION ACHIEVING MIN. 30 MINUTES FIRE RESISTANCE RATING IN ACCORDANCE WITH BS 476: PART 8/20-24 AND APPENDIX A OF TGD B 2006.
- FD 60S. FIRE RESISTING DOOR(SET)(S) ACHIEVING 60 MINS. INTEGRITY RATING IN ACCORDANCE WITH BS 476: PART 8/22 AND FITTED WITH AN APPROPRIATE SELF CLOSER AND COLD SMOKE SEAL WHICH LIMITS LEAKAGE TO 3M3/MHOUR @ 25PA PRESSURE.
- FD 30S. FIRE RESISTING DOOR(SET)(S) ACHIEVING 30 MINS. INTEGRITY RATING IN ACCORDANCE WITH BS 476: PART 8/22 AND FITTED WITH AN APPROPRIATE SELF CLOSER AND COLD SMOKE SEAL WHICH LIMITS LEAKAGE TO 3M3/MHOUR @ 25PA PRESSURE.
- 60 MINUTES FIRE RESISTANT GLAZING, INTEGRITY ONLY ABOVE 1.1M FROM FLOOR, TESTED IN ACCORDANCE WITH BS 476: PART 8/20-24.
- 30 MINUTES FIRE RESISTANT GLAZING, INTEGRITY ONLY ABOVE 0.1M FROM FLOOR, TESTED IN ACCORDANCE WITH BS 476: PART 8/20-24.
- SMOKE RETARDING SAFETY GLASS SYSTEM
- DESIGNATED ENTRANCE
- DESIGNATED EXIT
- DEAD END TRAVEL DISTANCE
- TOTAL TRAVEL DISTANCE
- MINIMUM CLEAR WIDTH OF EXIT (MM)
- MINIMUM CLEAR WIDTH OF STAIR (MM)
- P.S. PROTECTED SHAFT ENCLOSED IN CONSTRUCTION ACHIEVING A MINIMUM OF 60 MINUTES FIRE RESISTANCE
- P.C. PROTECTED CORRIDOR OR LOBBY ENCLOSED IN CONSTRUCTION ACHIEVING A MINIMUM OF 30 MINUTES FIRE RESISTANCE
- EMERGENCY ESCAPE SIGNAGE IN ACCORDANCE WITH SI 299: 2007.
- NOTIONAL BOUNDARY
- EMERGENCY VOICE COMMUNICATION (EVC) PANEL
- FIRE ALARM PANEL
- DOOR(S) WITH HOLD OPEN DEVICE WITH AN AUTOMATIC RELEASE MECHANISM IN ACCORDANCE WITH BS 5839-3.
- (EVC) CALL POINT IN REFUGE AREA
- 1 M² A.O.V. AT TOP OF STAIRS / VOID. LOCATED ON ROOF.
- 1 M² A.O.V. AT TOP OF STAIRS / VOID. LOCATED ON CURTAIN WALL.
- 1 M² OPENABLE VENT.
- 900 X 1400MM WHEELCHAIR REFUGE SPACE IN ACCORDANCE WITH BS 5588: PART 8:1999.
- 1800MM (MIN.) DIAMETER WHEELCHAIR CLEAR TURNING CIRCLE IN ACCORDANCE WITH TGD M 2010.
- SMOKE DETECTOR TO IS 3218: 2013 FIRE DETECTION AND ALARM SYSTEMS FOR BUILDINGS
- HEAT DETECTOR TO IS 3219: 2013 FIRE DETECTION AND ALARM SYSTEMS FOR BUILDINGS
- COMPARTMENT WALL / FLOOR
- ENCLOSING RECTANGLE
- UNPROTECTED AREA
- SMOKE AND FIRE RESISTING AUTOMATIC CURTAIN ACHIEVING 60 MINUTES INTEGRITY, CONNECTED TO THE FIRE DETECTION & ALARM SYSTEM, TO FALL-SAFE CLOSED IN A CONTROLLED MANNER WITH AN AUDIBLE ALARM.

- COMPARTMENT No.3 - AREA - 26m²
- COMPARTMENT No.4 - AREA - 26m²
- COMPARTMENT No.5 - AREA - 596m²
- COMPARTMENT No.6 - AREA - 215m²

LEGEND

PROPOSED MATERIAL ALTERATION AREA SHADED THUS

	AREAS
EXISTING STRUCTURE	3665.0m ²
PROPOSED EXTENSION	1778m ²
MATERIAL ALTERNATION	200m ²

GENERAL NOTES

THIS DRAWING FORMS PART OF AN APPLICATION FOR A FIRE SAFETY CERTIFICATE. REFER TO COMPLIANCE REPORT FOR COMMENTARY ON, INTER ALIA:

- OCCUPANCY LEVELS
- FIRE DETECTION AND ALARM SYSTEM
- ELECTRICAL INSTALLATION
- LININGS
- CAVITY BARRIERS AND FIRE STOPPING
- UNPROTECTED AREAS IN EXTERNAL WALLS
- ACCESS AND FACILITIES FOR THE FIRE SERVICES

DIMENSIONS REFER TO:
(a) MINIMUM AGGREGATE OPENABLE LEAF WIDTH OF DOOR(S)
(b) WIDTH OF CORRIDOR MEASURED BETWEEN FINISHED SURFACES OF WALLS OR OTHER FIXED OBSTRUCTIONS (SUCH AS MEASURED BETWEEN PROTRUDING COLUMNS) AT SHOULDER LEVEL, SUBJECT TO HANDRAILS NOT INTRUDING MORE THAN 100MM OR SKIRTINGS NOT INTRUDING MORE THAN 30MM INTO THE MEASURED WIDTH. CLEAR WIDTH OF STAIRWAY MEASURED BETWEEN WALLS OR BALUSTRADES SUBJECT TO HANDRAILS NOT INTRUDING MORE THAN 100MM OR STRINGS MORE THAN 30MM INTO THE MEASURED ZONE.
(c)

FIRE DETECTION AND ALARM SYSTEM
DETECTION DESIGNED AND INSTALLED IN ACCORDANCE WITH I.S. 3218: 2013
+A1:2015. L2M SYSTEM WITH BREAK GLASS UNITS AND ASSOCIATED SOUNDERS, REFER TO WRITTEN SUBMISSION.

ESCAPE LIGHTING
EMERGENCY ESCAPE LIGHTING AND ILLUMINATED EMERGENCY EXIT SIGNAGE TO BE 3 HOUR NON-MAINTAINED DESIGNED AND INSTALLED IN ACCORDANCE WITH I.S. 3217: 2013+A1:2017. REFER TO WRITTEN SUBMISSION FOR FURTHER DETAILS.

NOTE:
THE LOCATIONS AND QUANTITIES OF ALL SENSOR(S) ARE INDICATIVE ONLY. PLEASE REFER TO M&E DRAWINGS FOR EXACT NUMBER AND LOCATION.

NOTES:

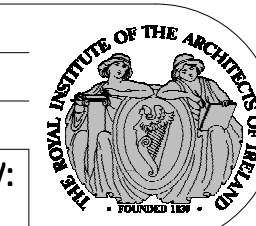
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FOR FIRE SAFETY CERT. DRAWING PURPOSES ONLY
USE FIGURED DIMENSIONS ONLY

REV	DATE	DESCRIPTION	BY
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FIRE SAFETY CERT. DRAWING/20-36/FSC-1202



CLIENT: BOM Carrick-on-Shannon Community School
PROJECT: Carrick on Shannon
DRAWING: FSC First Floor Plan
SCALE: As indicated @ A1
DATE: 09/12/22
REV: 1
DRAWING NO: 20-36/FSC-1202
DWN BY: Author



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