

DENOTES CONTROLLED ACCESS DOOR
EITHER WITH MAGNETIC LOCK EXTERNAL KEYPAD
OR PUSH BAR WITH EXTERNAL KEYPAD

MAGNETIC LOCKS TO HAVE FIRE ALARM
OVERRIDE TO FAILSAFE IN "OPEN" POSITION

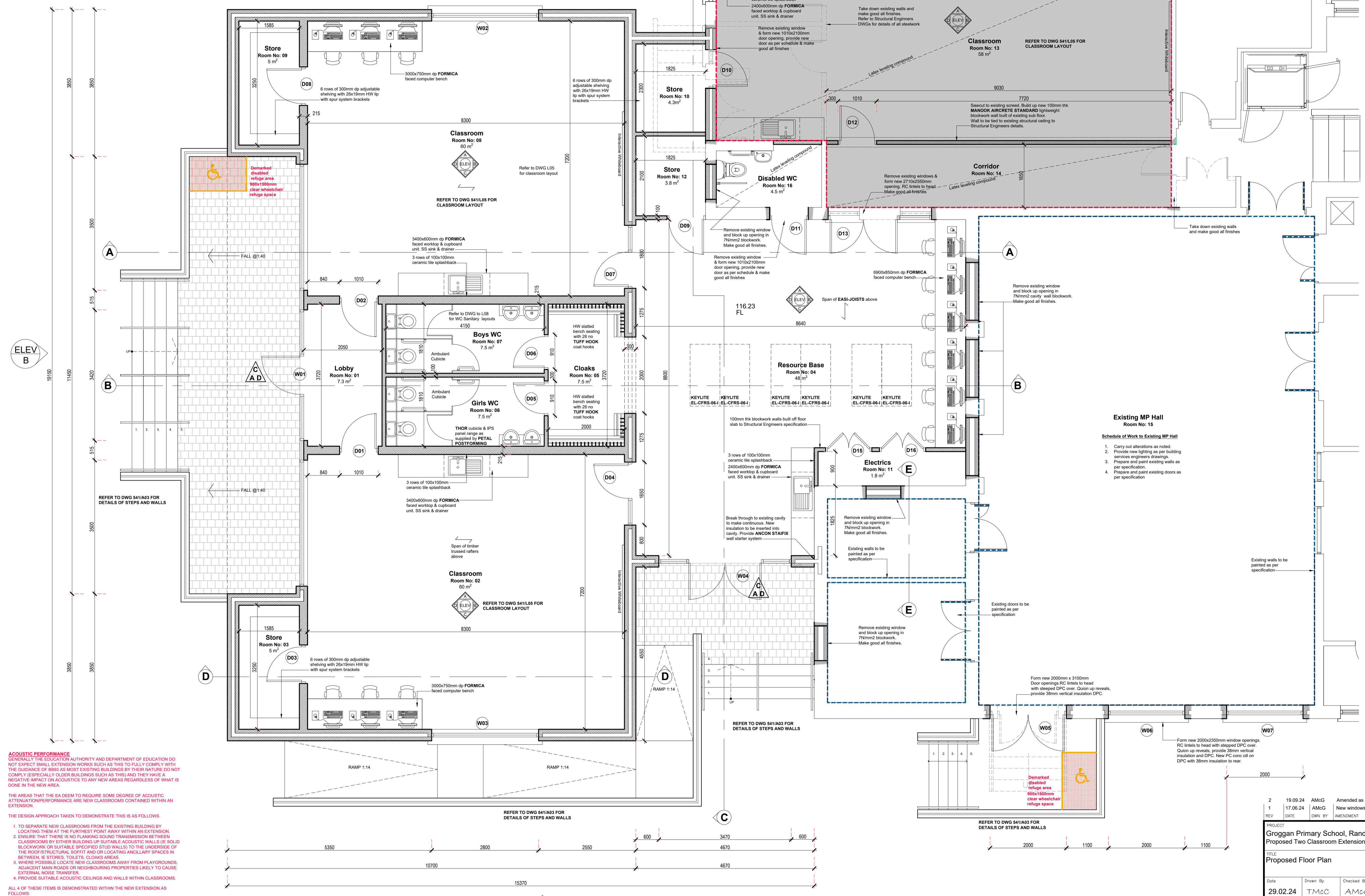
REFER TO STRUCTURAL ENGINEERS
DRAWINGS FOR DETAILS OF STEELWORK



ELEV B

ELEV C

ELEV A



ACOUSTIC PERFORMANCE
GENERALLY THE EDUCATION AUTHORITY AND DEPARTMENT OF EDUCATION DO NOT EXPECT SMALL EXTENSION WORKS SUCH AS THIS TO FULLY COMPLY WITH THE GUIDANCE OF BR3 AS MOST EXISTING BUILDINGS BY THEIR NATURE DO NOT COMPLY (ESPECIALLY OLDER BUILDINGS SUCH AS THIS) AND THEY HAVE A NEGATIVE IMPACT ON ACOUSTICS TO ANY NEW AREAS REGARDLESS OF WHAT IS DONE IN THE NEW AREA.

THE AREAS THAT THE EA DEEM TO REQUIRE SOME DEGREE OF ACOUSTIC ATTENUATION/PERFORMANCE ARE NEW CLASSROOMS CONTAINED WITHIN AN EXTENSION.

THE DESIGN APPROACH TAKEN TO DEMONSTRATE THIS IS AS FOLLOWS:

1. TO SEPARATE NEW CLASSROOMS FROM THE EXISTING BUILDING BY LOCATING THEM AT THE FURTHEST POINT AWAY WITHIN AN EXTENSION.
2. ENSURE THAT THERE IS NO FLANKING SOUND TRANSMISSION BETWEEN CLASSROOMS BY EITHER BUILDING UP SUITABLE ACOUSTIC WALLS (IE SOLID BLOCKWORK OR SUITABLE SPECIFIED STUD WALLS) TO THE UNDERSIDE OF THE ROOF/STRUCTURAL SOFFIT AND/OR LOCATING ANCILLARY SPACES IN BETWEEN IE STORES, TOILETS, CLOAKS AREAS.
3. WHERE POSSIBLE LOCATE NEW CLASSROOMS AWAY FROM PLAYGROUNDS, ADJACENT MAIN ROADS OR NEIGHBOURING PROPERTIES LIKELY TO CAUSE EXTERNAL NOISE TRANSFER.
4. PROVIDE SUITABLE ACOUSTIC CEILINGS AND WALLS WITHIN CLASSROOMS.

ALL 4 OF THESE ITEMS IS DEMONSTRATED WITHIN THE NEW EXTENSION AS FOLLOWS:

1. CLASSROOMS ARE LOCATED AWAY FROM THE EXISTING BUILDING.
2. TOILETS/STORES ETC SPLIT THE SPACE BETWEEN THE CLASSROOMS. WALLS ARE BUILT UP TO UNDER SIDE OF STRUCTURAL SOFFIT (WHICH IS 2 LAYERS OF 12.5MM THK PLASTERBOARD WITH STAGGERED JOINTS) AND SEALED.
3. WHERE POSSIBLE NEW CLASSROOMS DO NOT FACE ONTO THE EXISTING PLAYGROUND AND NEIGHBOURING PROPERTIES ARE A CONSIDERABLE DISTANCE AWAY.
4. ACOUSTIC CEILINGS AND FLOORS ARE SPECIFIED THROUGHOUT.

**Existing MP Hall
Room No: 15**
Schedule of Work to Existing MP Hall

1. Carry out alterations as noted.
2. Provide new lighting as per building services engineers drawings.
3. Prepare and paint existing walls as per specification.
4. Prepare and paint existing doors as per specification.

REV	DATE	BY	AMENDMENT
2	19.09.24	AMcG	Amended as per BR3 from Building Control
1	17.06.24	AMcG	New windows to existing hall omitted as per EA instruction

PROJECT
Groggan Primary School, Randalstown
Proposed Two Classroom Extension & Traffic Management Works

TITLE
Proposed Floor Plan

Date	Drawn By	Checked By	Scale	Job No	Drawing No	Rev.
29.02.24	TMCC	AMcG	1:50	541	L01	2

McLean & Forte
Chartered Architects

96 York Road
Belfast
BT15 3HF

T: 028 9066 9411
E: office@mcleanforte.com
W: www.mcleanforte.com

RIBA Chartered Practitioner RSUA