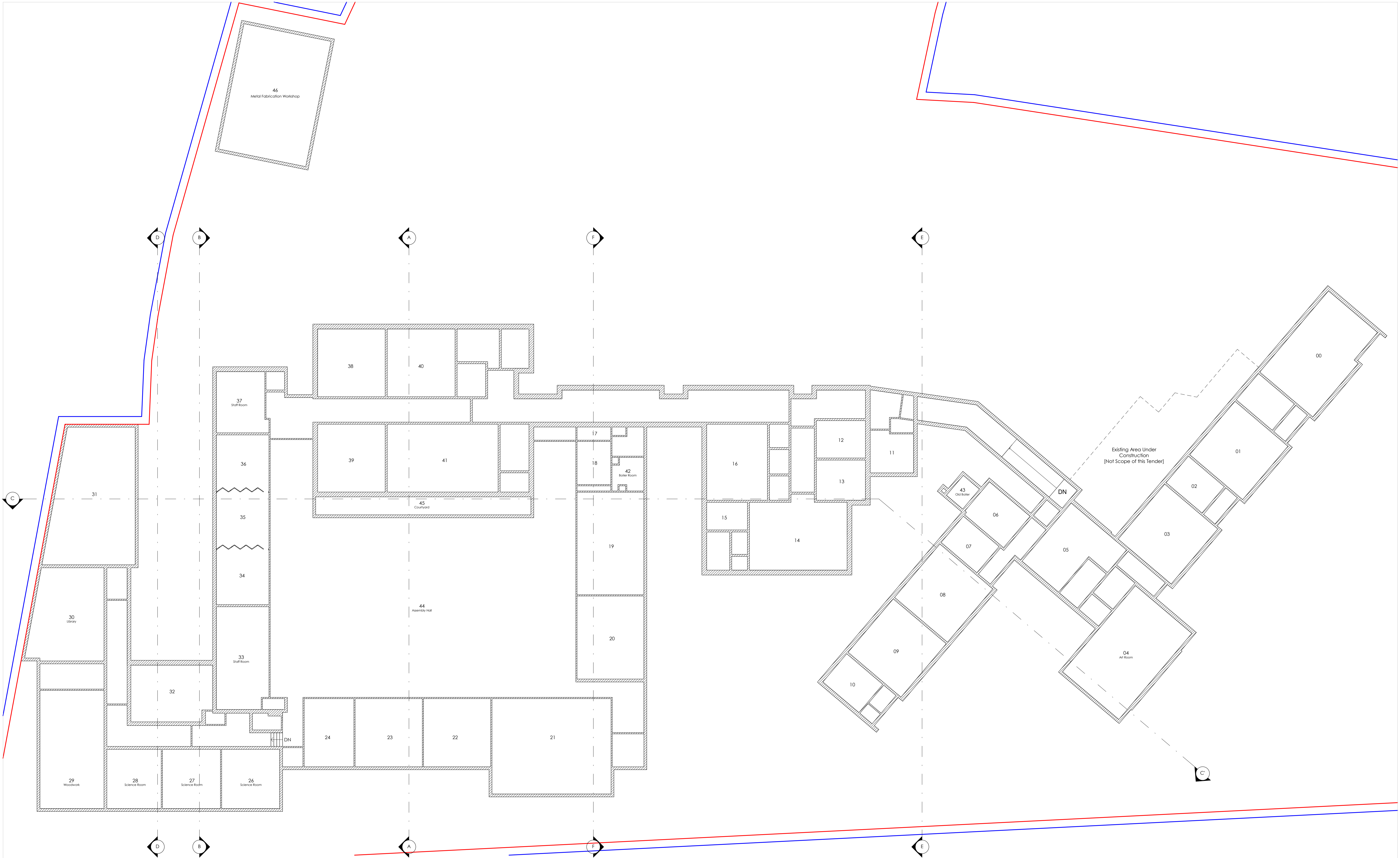
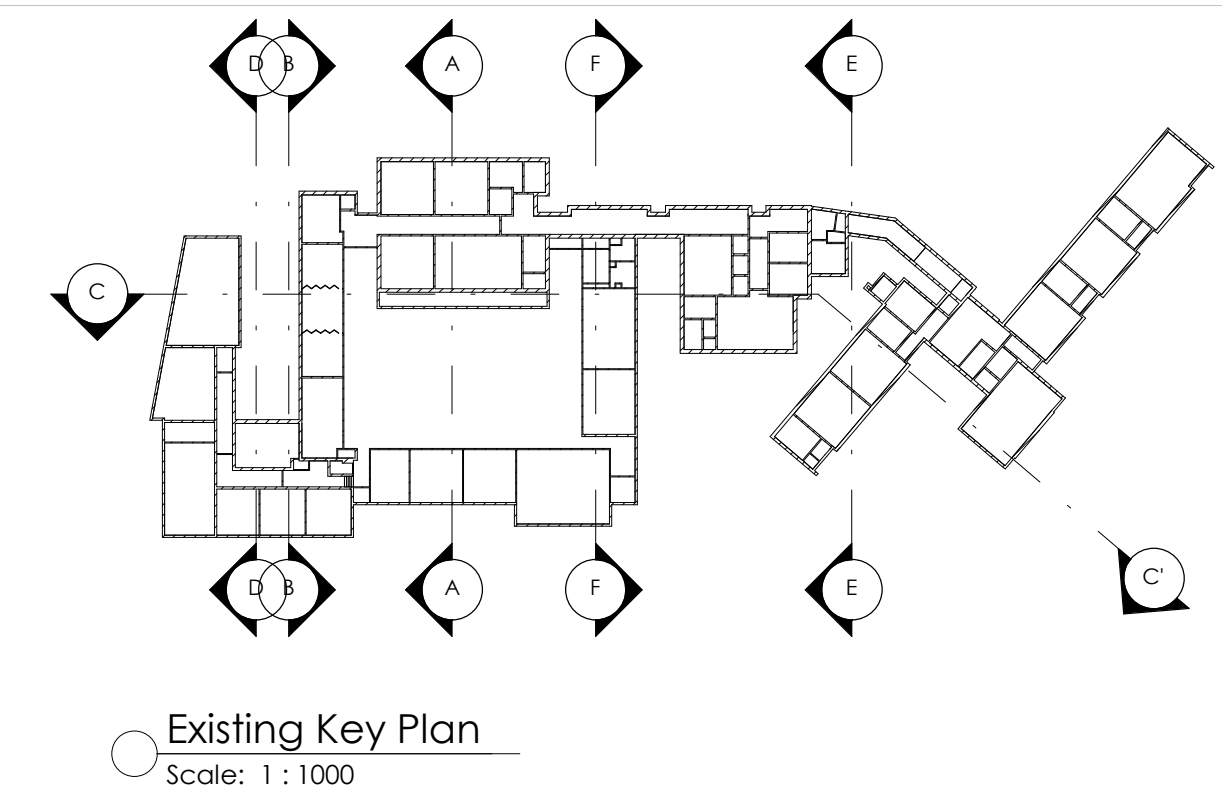




Existing Ground Floor Plan
Scale: 1 : 175

***NOTE:** The Contractor shall inspect the existing structural deck immediately upon stripping old finishes. Any defects, rot, or structural instabilities must be reported to the Architect before proceeding.

10-00000_01 (page 1 of 1) (Page 1 of 1)



Existing Section A
Scale: 1 : 100

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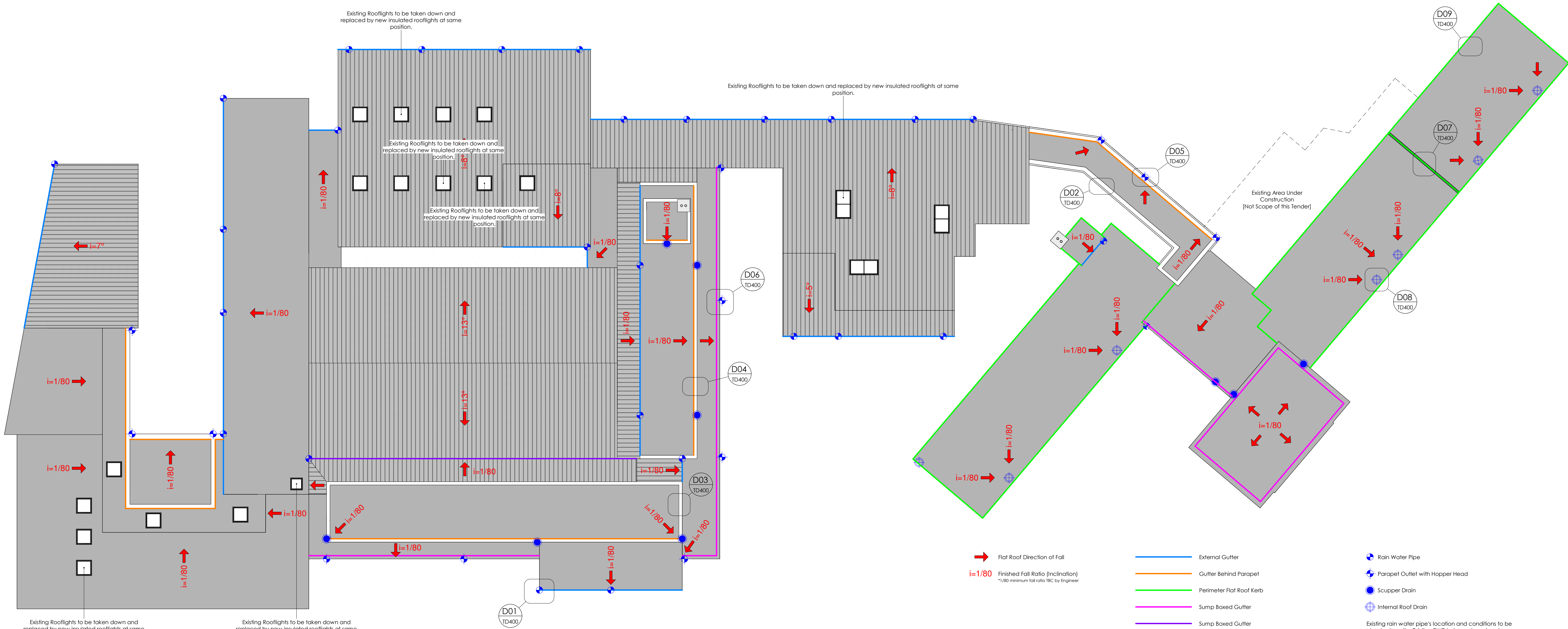


Figure 1

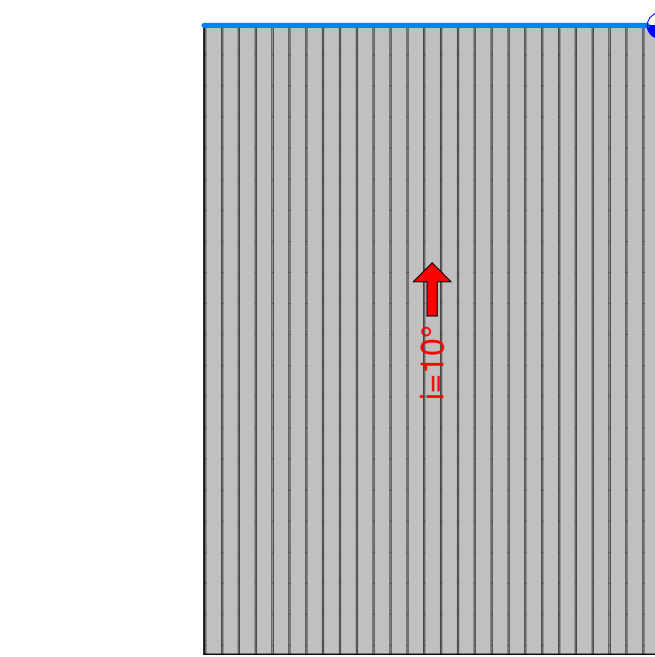
Figure 2



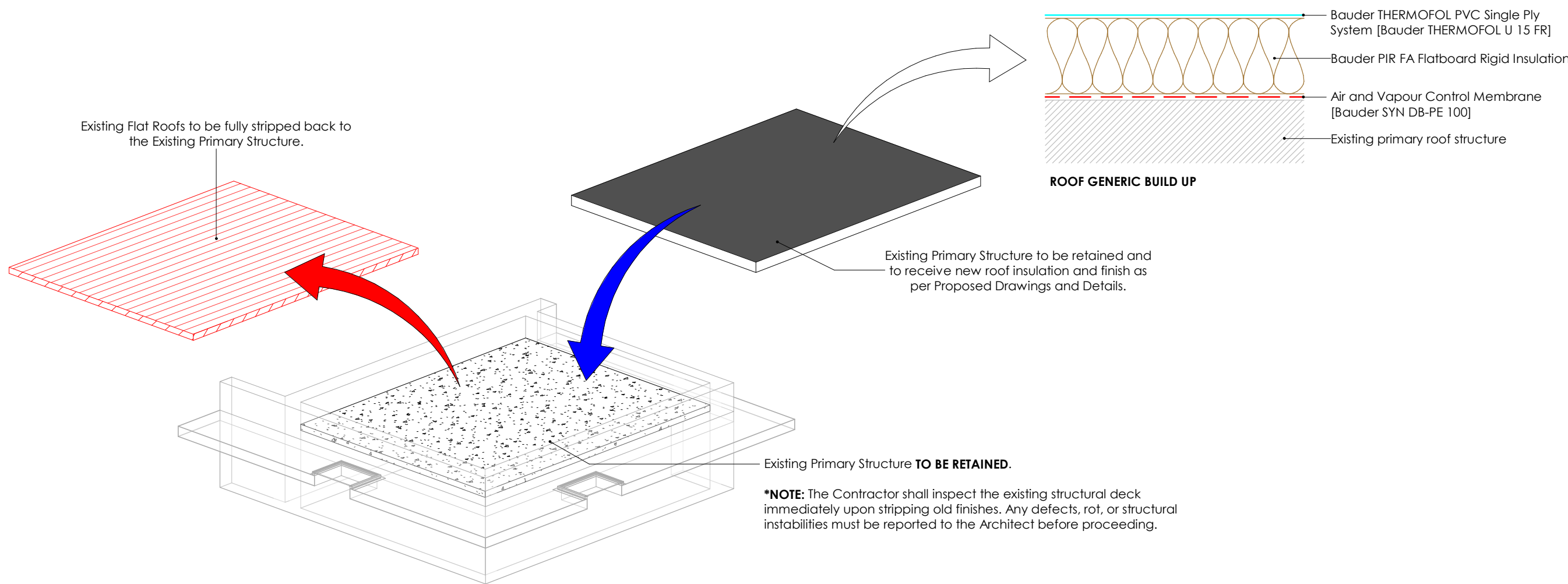
DMA ARCHITECTS Collis Sandes House, Tralee Co. Kerry Ireland info@dma-architects.ie Phone: 087 649 7313 http://www.dma-architects.ie/	GENERAL NOTES: THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS TOGETHER WITH THE SPECIFICATIONS AND SCHEDULES. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS METRES UNLESS NOTED OTHERWISE. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE TO FACE OF BLOCK OR BRICK OR STUD TYPICALLY UNLESS NOTED OTHERWISE.	ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS INCLUDING SUBSEQUENT AMENDMENTS & INCLUDING FOR ALL OTHER I.S., S.F. & SR STANDARDS AS SET OUT THEREIN. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE SETTING OUT, COMMENCING WORK, OR PRODUCING ANY SHOP DRAWINGS. ALL WORKS TO COMPLY WITH HEALTH & SAFETY ACT	ALL STRUCTURE TO ENGINEER'S DETAILS AND SPECIFICATIONS. LEVELS AND EXISTING STRUCTURE TO BE CONFIRMED ON SITE. ANY DISCREPANCIES BETWEEN INFORMATION ON THE DRAWINGS, ARCHITECT MUST BE CONTACTED PRIOR TO EXECUTION & COMPLETION OF THE WORKS. FISHINES AND DETAILS CAN BE SUBJECT TO CHANGES DUE TO CLIENT DECISIONS.	ALL FINISHES TO BE CONFIRMED BY CLIENTS PRIOR TO ORDER. INSTALLATION AS PER MANUFACTURER'S SPECIFICATIONS AND DETAILS. POSITION OF EXISTING AND NEW ACCESS JUNCTION/ PERCOLATION/ DRAINAGE / ETC TO BE CONFIRMED BY SPECIALIST PRIOR TO INSTALLATION. CONNECTION OF PROPOSED EQUIPMENT AND EXECUTION OF WORKS. INSTALLATION OF THE ROOF AND INSULATION TO MANUFACTURER'S SPECIFICATIONS, DETAILS AND GUIDELINES.	Revision: 000 Revision Date: 26.08.17 Drawn By: 26.08.17 Drawn Date: 26.08.17 Drawn Initials: [Signature] Checked By: 26.08.17 Checked Date: 26.08.17 Checked Initials: [Signature]	Drawing No.: TD031 Drawn: AMO Checked: DMA Project: 26-002 Client Name: St. Joseph School
	Drawing Name: Existing Sections					
	Scale: As Indicated at A1				WORKS	
Revision: R00				Revision Date: 26.08.17		



Proposed Roof Plan
Scale: 1 : 175



Prop. Roof Plan - Standing Alone Building
Scale: 1 : 175



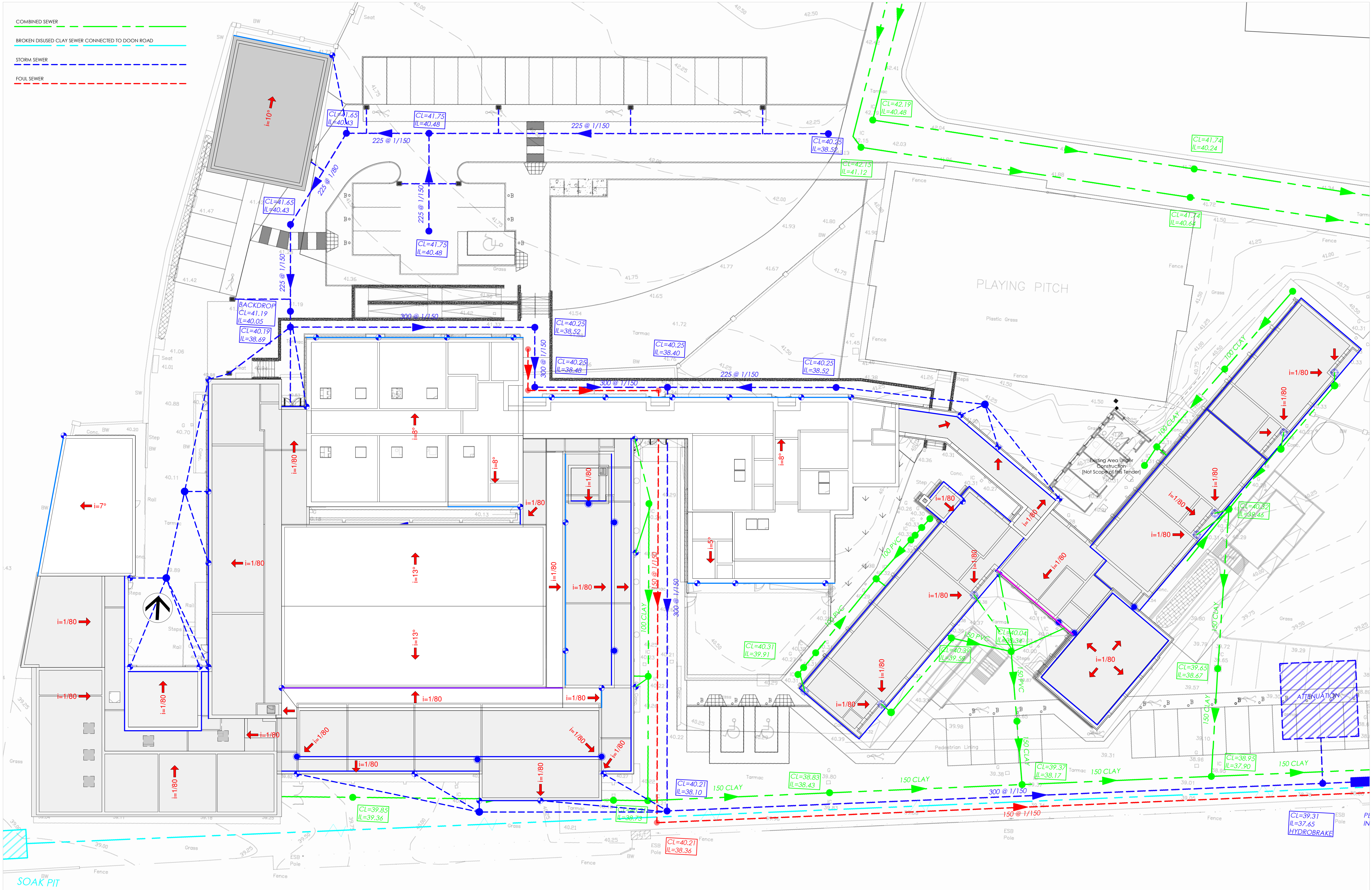
Roof Proposed Works Generic Diagram
Scale:

- GENERAL NOTES:**
- PROPOSED WORKS ON ROOFS TO ACHIEVE OVERALL U-VALUE: 0.16W/KM2 OR BETTER;**
 - PROPOSED WORKS ON EXTERNAL WALLS TO ACHIEVE OVERALL U-VALUE: 0.18W/KM2 OR BETTER;**
 - GENERAL & PREPARATORY WORKS**
 - Existing Structural Deck:** The Contractor shall inspect the existing structural deck immediately upon stripping old finishes. Any defects, rot, or structural instabilities must be reported to the Architect before proceeding.
 - Note: Contractor to provide a Rate per m² for deck replacement as a provisional item.
 - Temporary Weatherproofing:** Given the school environment, the building must remain 100% watertight throughout the duration of the works. The Contractor is permitted to strip only the area of roofing that can be fully re-sealed with the new VCL or temporary weatherproofing within the same working day.
 - BUILDING ENVELOPE & THERMAL INTEGRITY**
 - Airtightness & Thermal Integrity:** The Contractor is responsible for the 'Performance Gap'. A continuous airtight seal must be maintained between the roof Vapor Control Layer (VCL) and the wall insulation system. All joints and transitions must be taped with proprietary airtightness tapes (e.g., SIGA or equivalent).
 - Thermal Bridging:** Any thermal bridges created by poorly extended M&E services or structural penetrations must be rectified at the Contractor's expense. A thermographic survey may be requested post-completion to verify performance.
 - Fire Safety:** Provide NSAI Agreement certified fire-stopping and horizontal/vertical fire breaks within the EWI system. All installations must strictly adhere to the manufacturer's specifications and TGD Part 8 requirements.
 - Fall and Drainage (The 1:80 Rule):** Despite the STR (Structural) being excluded from the main works, the Contractor is responsible for ensuring the finished roof achieves a minimum fall of 1:80. If the existing deck is found to be flat or sogged, the Contractor must provide a Tapered Insulation Scheme (Cut-to-falls) to prevent ponding.
 - M&E SERVICES & COORDINATION**
 - Ventilation Compliance:** Contractor to allow for a comprehensive ventilation survey. Install trickle vents to windows or high-level through-wall background ventilators in all habitable rooms to meet TGD Part F requirements.
 - Specialist Classroom Ventilation:** School classrooms require specific CO₂-led ventilation. The Contractor must ensure the EWI system does not obstruct or impede existing wall-mounted heat recovery units or louvers.
 - Lightning Protection:** Existing lightning protection conductor tapes must be carefully removed and re-fixed to the face of the new EWI or roof finish using proprietary non-combustible stand-off clips. The system must be re-tested and certified by a specialist upon completion.
 - Fire Alarm & Sensors:** All external fire alarm beacons and sounders must be extended to the new finished face. Ensure no thermal bridging at these penetrations. The Contractor is required to coordinate these works with the school's nominated fire maintenance provider.

Revision	Date	Drawn	Notes
000	26.08.17	AMO	Roof Replacement and External Insulation Works

Drawing No.: TD111	Drawn: AMO	Checked: DMA	Project: 26-002	Client Name: St. Joseph School
Drawing Name: Proposed Roof Plan				
Scale: As Indicated at A1				
Revision: 800		Revision Date: 26.08.17		

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DMA ARCHITECTS

Collis Sandes House,
Tralee | Co. Kerry | Ireland

info@dma-architects.ie
Phone: 087 649 7313
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POSITION OF EXISTING AND NEW ACCESS JUNCTION/ PERCOLATION/ DRAINAGE / ETC TO BE CONFIRMED BY SPECIALIST PRIOR TO INSTALLATION. CONNECTION OF PROPOSED EQUIPMENT AND EXECUTION OF WORKS.

INSTALLATION OF THE ROOF AND INSULATION TO MANUFACTURER'S SPECIFICATIONS, DETAILS AND GUIDELINES.

Revision	Date	Drawn	Notes
000	26.08.17	AMO	Roof Replacement and External Insulation Works

Drawing No.: TD112

Drawn: AMO

Checked: DMA

Project: 26-002

Client Name: St. Joseph School

Drawing Name: Proposed Drainage Plan

Scale: 1:175at A1

Revision: R00

Revision Date: 26.08.17

WORKS

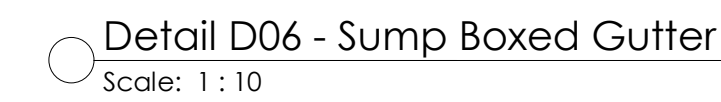
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- Bauder THERMOFOL PVC Single Ply System [Bauder THERMOFOL U 15 FR]
- Air and Vapour Control Membrane [Bauder SYN DB-PE 100]
- Bauder PIR FA Flatboard Rigid Insulation Mechanically Fastened
- Peel Stop and Fixing to suit as per Manufacturer's Specifications
- Single Ply Weld
- Bauder Laminated Metal Trims / Pre-Formed Metal
- Pre-formed Galvanised Metal / Metal by Others

Where trims are used **above 8m high** OR (if the trim face depth is **>100mm**, a metal cleat must be used in accordance with the manufacturer's specification

- Sealing Tape

Existing Primary Structure **TO BE RETAINED.**
***NOTE:** The Contractor shall inspect the existing structural deck immediately upon stripping old finishes. Any defects, rot, or structural instabilities must be reported to the Architect before proceeding.



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SPECIFICATIONS, DETAILS AND GUIDELINES.

R00	26.08.17	AAMC	Roof Replacement and External Insulation Works
Revision	Date	Drawn	Notes

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Drawing Name: Proposed Details			WORKS Copyright of this drawing is vested in the Architect and it must not be copied or reproduced without prior written consent. Further, the user who has received this drawing under license shall not be permitted to use any copyright material that the user is not responsible for being and checking all dimensions relative to their work. David Mortley & associate Architects use is advised on any copyright matters, stamps and its contents & liability to user.	
Scale: 1 : 10at A1				
Revision: R00	Revision Date: 26.08.17			