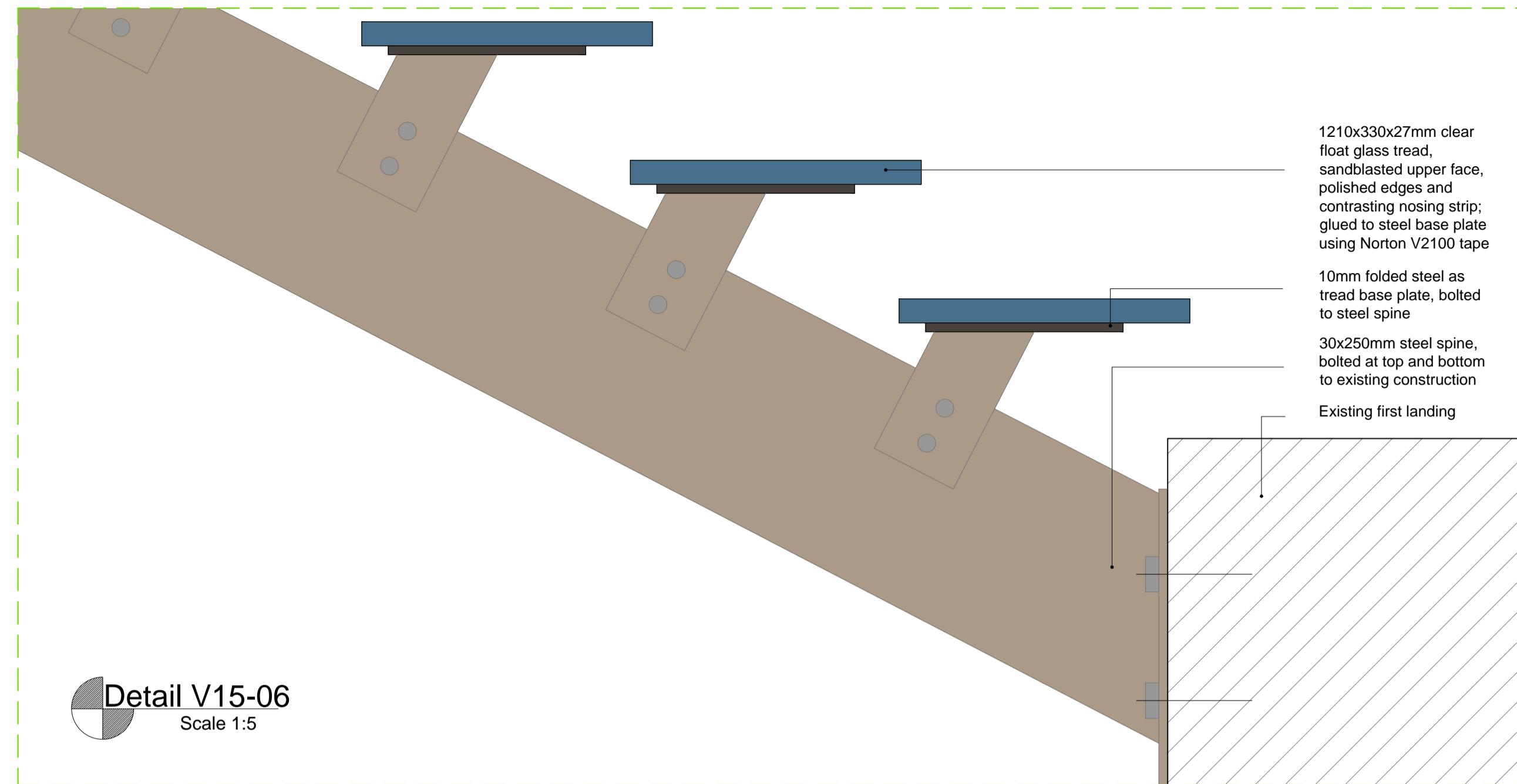


**Detail V14-06**  
Scale 1:5



**Detail V15-06**  
Scale 1:5

**NOTES:-**

1. USE FIGURED DIMENSIONS ONLY - DO NOT SCALE
2. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

**EXISTING CONSTRUCTION**

ALL EXISTING CONSTRUCTION SHALL BE TREATED WITH THE UTMOST CARE WHEN WORK IS PROGRESSING IN THE VICINITY. ALL EXISTING BUILDING FABRIC TO BE REPAIRED LIKE WITH LIKE BY SKILLED TRADESPEOPLE WITH A KNOWLEDGE OF CONSERVATION WORK. THERE SHALL BE NO DECISIONS MADE REGARDING WORK TO THE EXISTING FABRIC UNTIL A CONSULTATION WITH THE ARCHITECT AND LOCAL CONSERVATION OFFICER.

**NEW CONSTRUCTION**

**FOUNDATIONS:-**  
TO BE AUGERED PILES WITH CONCRETE PILE CAPS AND CONCRETE GROUND BEAMS CAST BETWEEN. TO ENGINEER'S SPECIFICATION.

**GROUND FLOOR:-**  
TO BE 50MM SELF LEVELING SCREED, SELF FINISHING, ON 75mm RIGID INSULATION ON BLOCK AND PLANK FLOOR MADE UP OF PRECAST CONCRETE T-BEAM UNITS, WITH HANSON THERMOLITE FLOORING BLOCKS BETWEEN.

**EXTERNAL WALLS:-**  
TO BE PRECAST, AND CRANED INTO PLACE. TO BE 85mm LENOTEC SOLID TIMBER WALL UNITS WITH 75mm WOOD FIBRE INSULATION BATTS. WATERPROOF MEMBRANE AND 15MM EUROFORM VERSAPANEL CLADDING BOARD.

**INTERNAL WALLS:-**  
TO BE 85mm SOLID TIMBER WALLS SUPPLIED BY LENOTEC. SELF FINISHING ON THE INTERNAL SURFACES.  
WHERE 60MIN FIRE RATING IS REQUIRED, TO BE FINISHED ON ONE SIDE WITH 15mm CEMENT FIBRE BOARD.

**FIRST FLOOR:-**  
TO BE OF 115mm SOLID TIMBER SUPPLIED BY LENOTEC. SELF FINISHING.

**ROOF:-**  
TO BE A FLAT ROOF OF CODE 4 LEAD. TO BE BUILT UP USING CODE 4 LEAD ON A WATERPROOF MEMBRANE ON 15mm MARINE PLYWOOD, ON 100x44mm TAPERED CEILING JOISTS WITH 75mm WOOD FIBRE INSULATION BETWEEN. ON 115mm SOLID TIMBER ROOF PANEL.

**ROOFLIGHTS:-**  
TO BE TRIPLE GLAZED UNITS. 4.8.4.8mm BUILD UP, SECURED BY BEING GLUED TO STEEL BRACKETS.

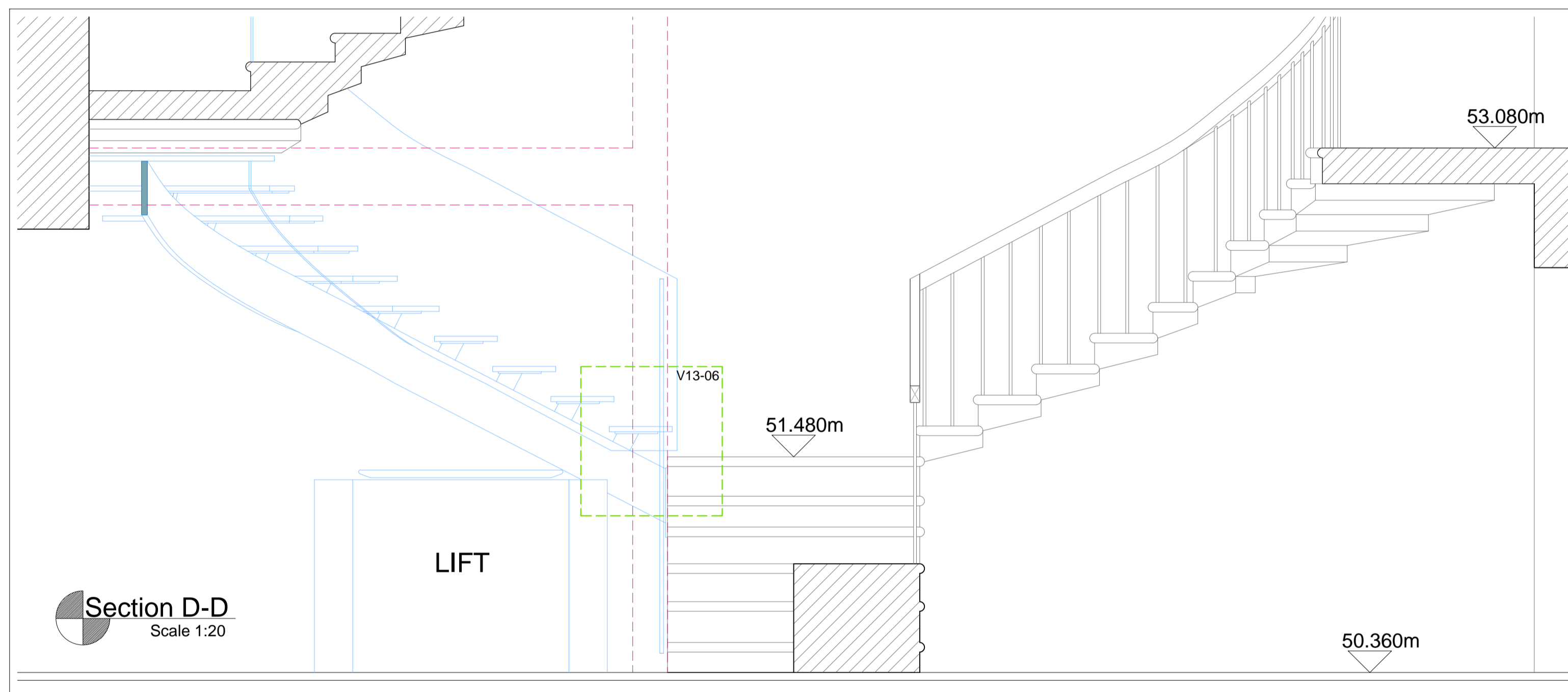
**INTERNAL PARTITION WALLS WITHIN EXISTING STRUCTURE:-**  
ACCORDING TO THE LAMBETH HOUSING DOCUMENT: RECOMMENDED MATERIALS FOR SUSTAINABLE CONSTRUCTION, PG 4, THE RECOMMENDED FORM OF CONSTRUCTING PARTITIONS IS USING TIGER STUD WALLS.  
THESE ARE TO BE OF 60MIN FIRE RATING RESISTANCE AND MADE UP OF 15mm LIGHTWEIGHT PLASTER ON 10mm CEMENT PARTICLE BOARD AT 300mm CRS WITH 25mm DRY LINING SCREWS AT BUTT JOINTS, STAGGERED AT EACH SIDE. ON 75mmx50mm SOFTWOOD TIMBER STUDS AT 610mm CRS WITH 50MM MINERAL FIBRE INSULATION PACKED BETWEEN THE STUDS.

**CODE 4 LEAD:-**  
FOR USE ON FLAT/PITCHED ROOFING

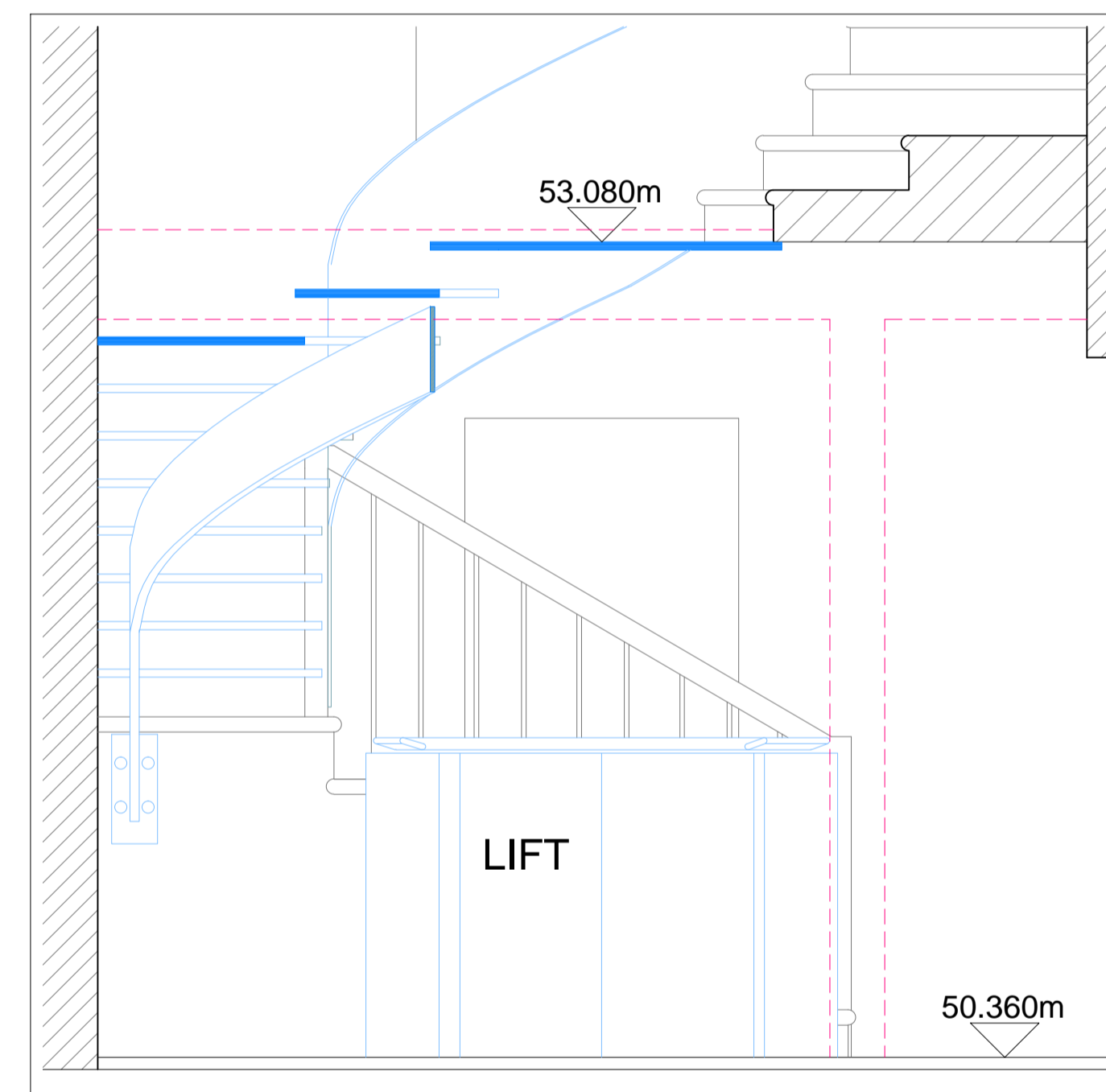
**REQUIRES:-**  
- PATTINATION TREATMENT - AN APPLICATION OF OIL TO AVOID UNSIGHTLY RESIDUE BUILDING UP ON THE SURFACE  
- CLIPS  
- NAILS  
- WOOD CORE ROLL  
- GEOTEC UNDERLAY

**LEGEND**

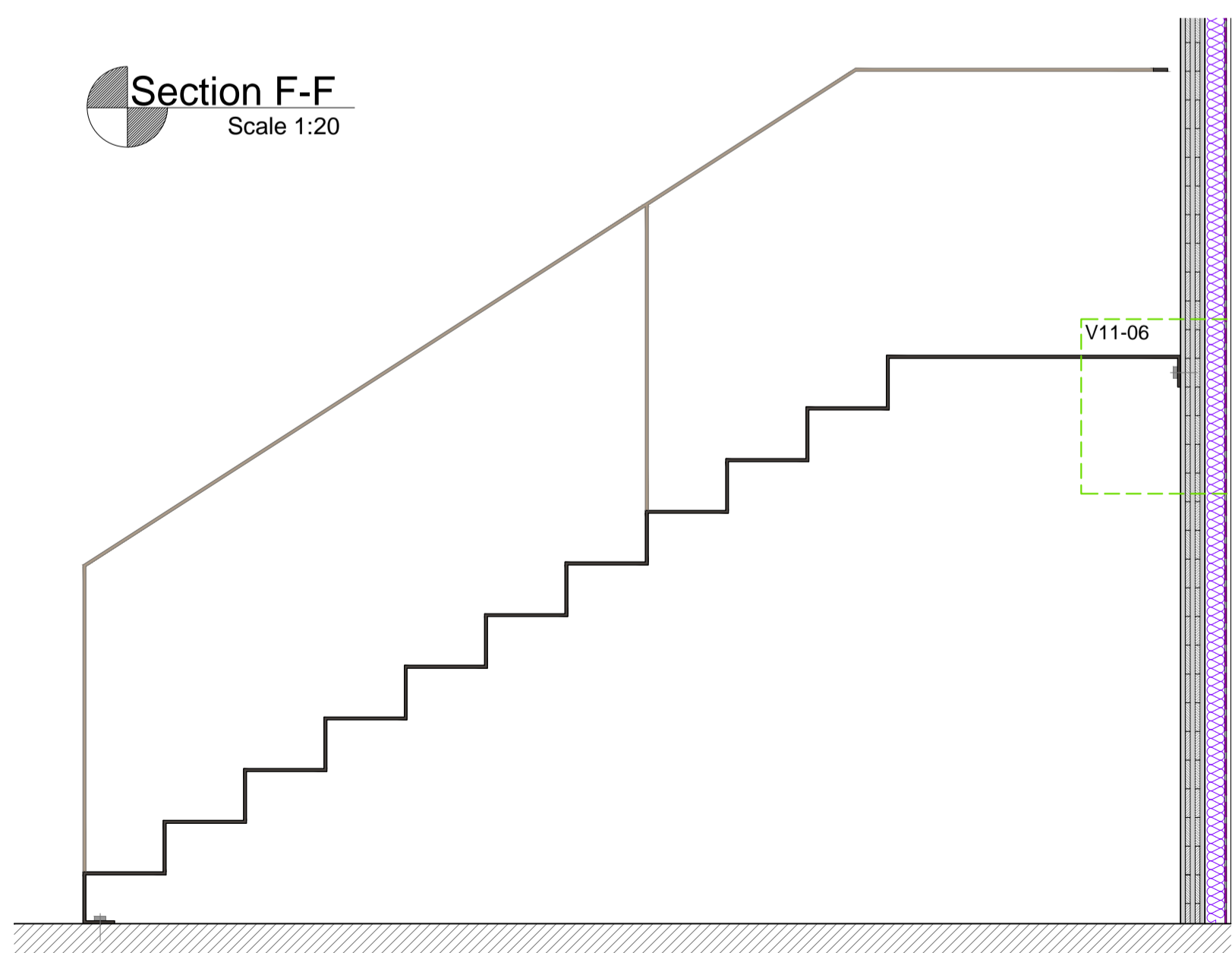
- Existing Construction
- New Construction / Repaired
- Demolished/Removed



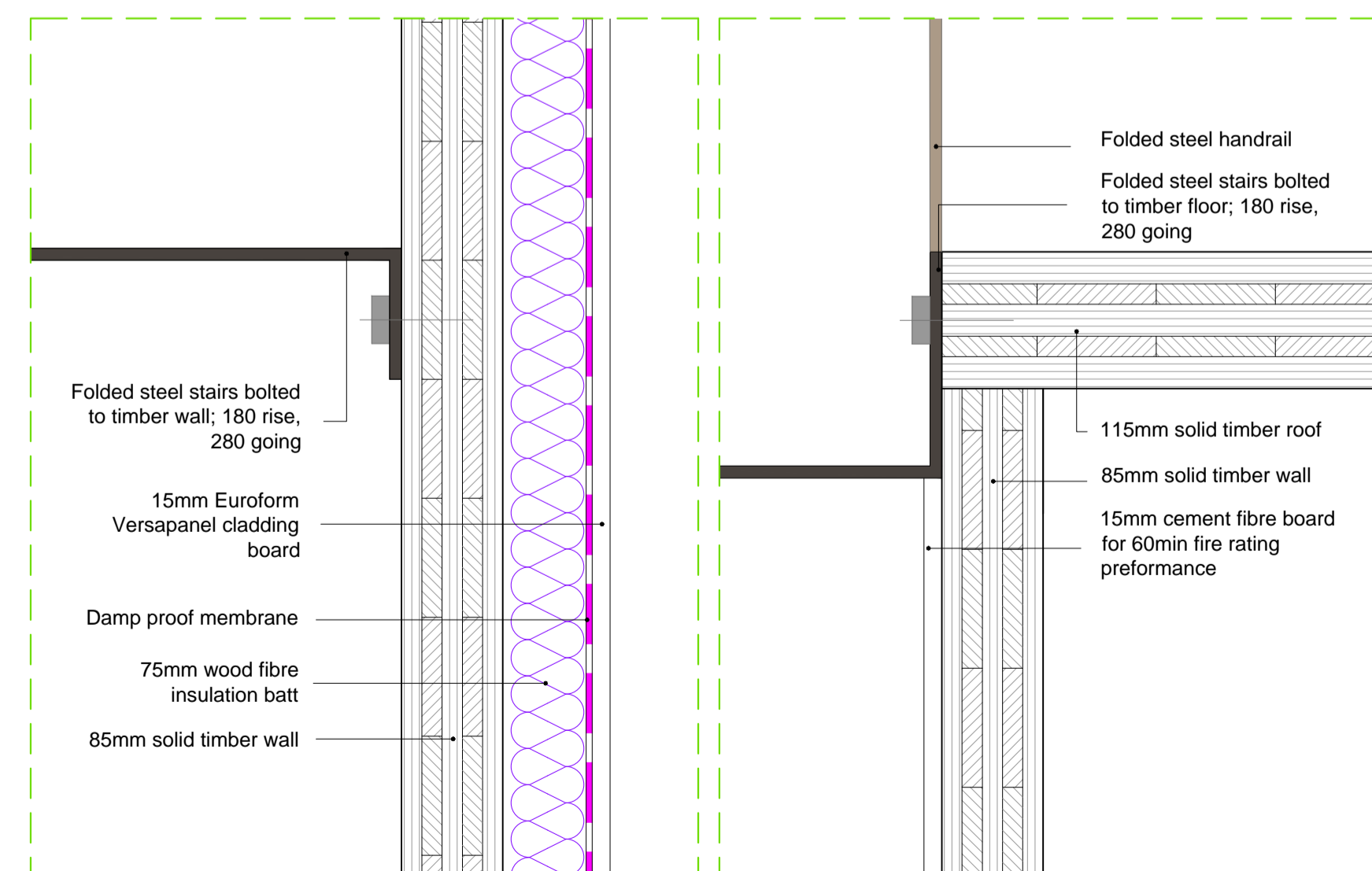
**Section D-D**  
Scale 1:20



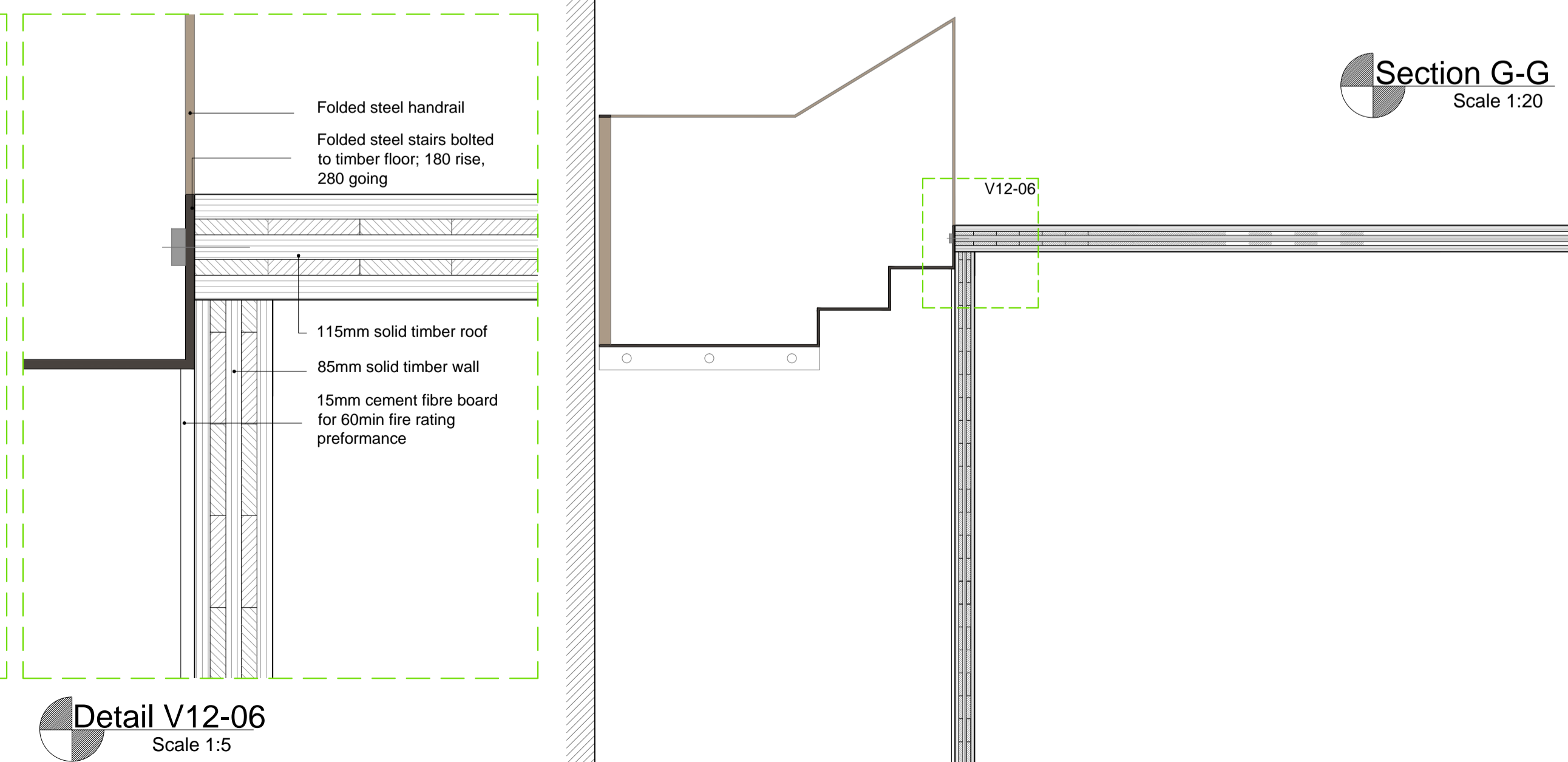
**Section B-B**  
Scale 1:20



**Section F-F**  
Scale 1:20



**Detail V11-06**  
Scale 1:5



**Detail V12-06**  
Scale 1:5

No.	DATE	REMARKS

Institute of Technology, Carlow  
Architectural Technology Year 4  
2009-2010

**PROJECT TITLE**  
Project Two - Conservation

**DRAWING TITLE**  
Stairs Details

**LECTURER:**  
Allan Read, Dan O'Sullivan

**DRAWN:**  
Eric Stilwell

**CHECKED:**

**SCALE:**  
As Shown

**DATE:**  
16.12.2009

**DRAWING NUMBER**  
Y4-02-CONSERV-006

**REV**  
2