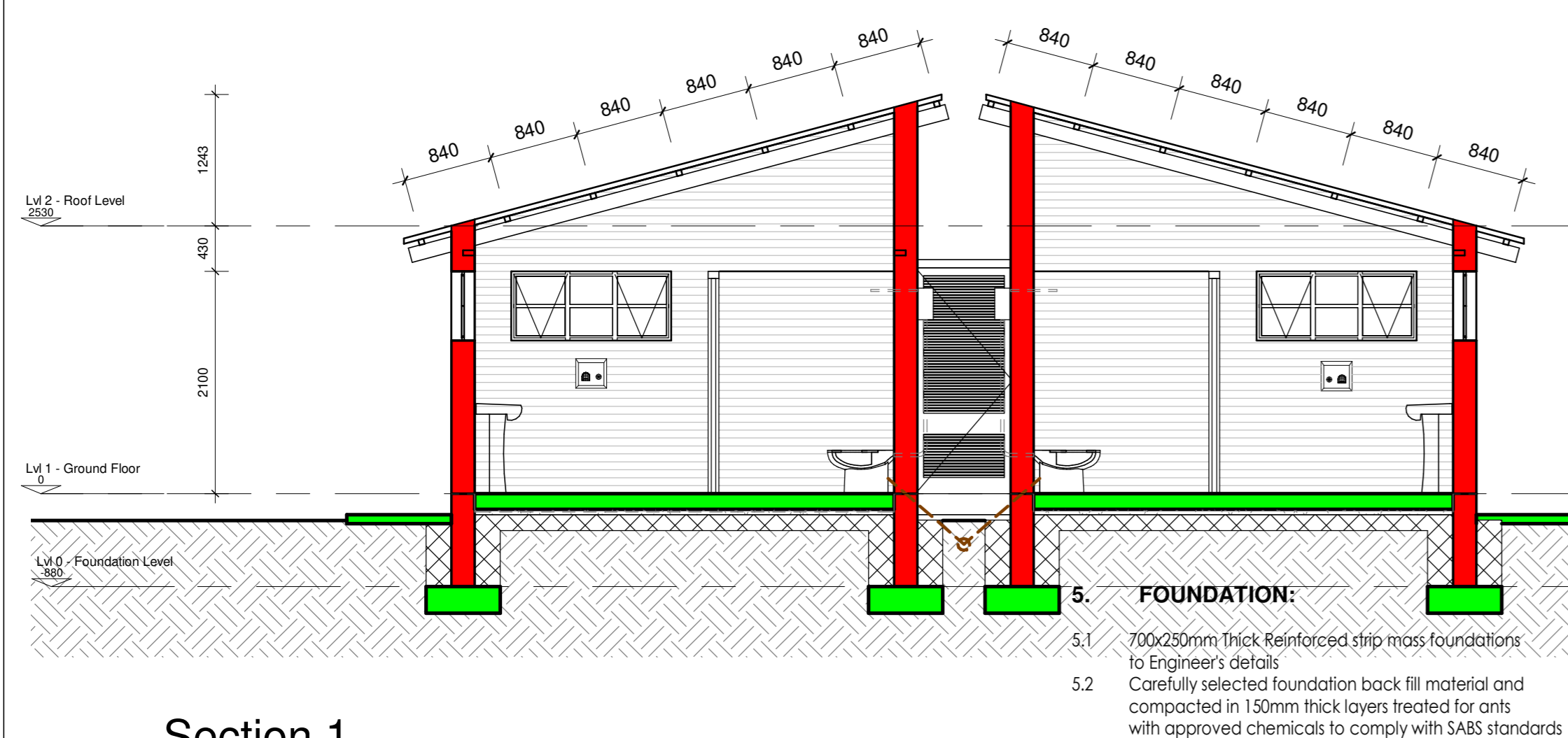
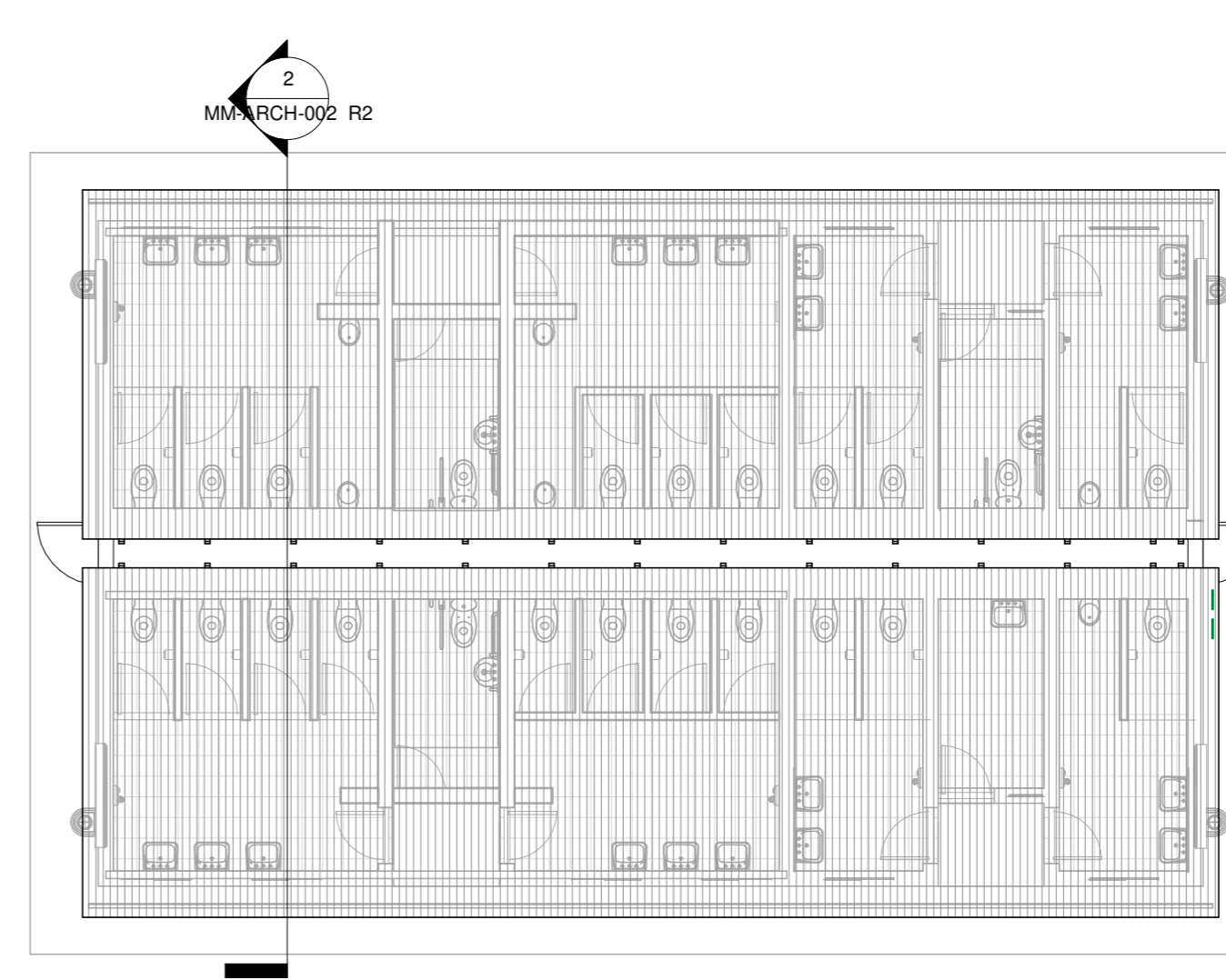
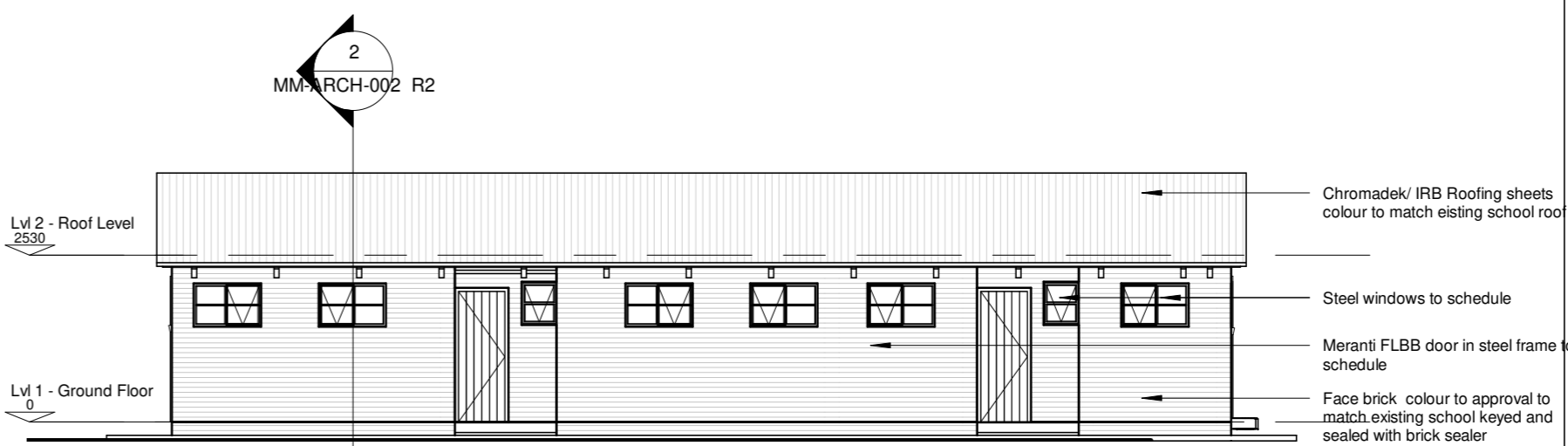
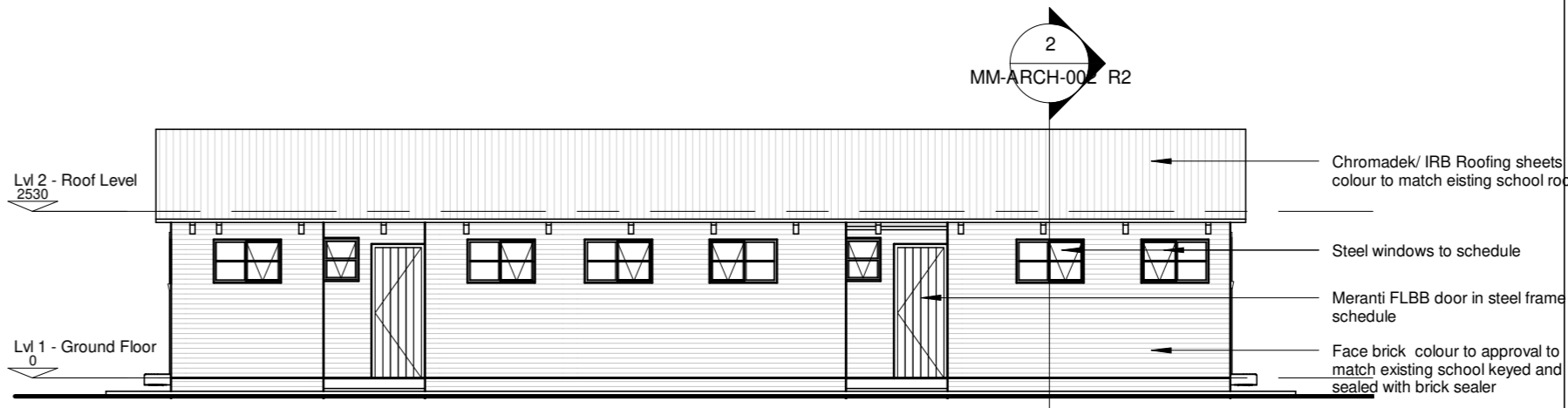
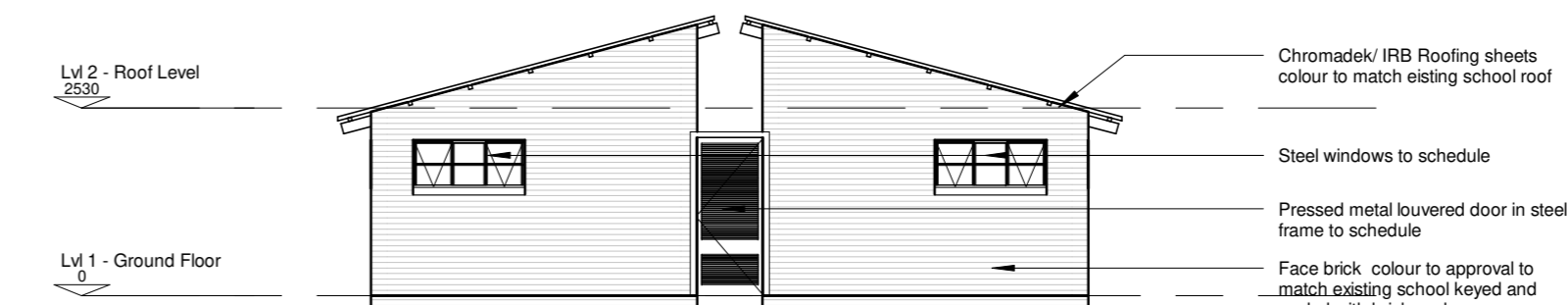


Lvl 1 - Ground Floor  
1 : 50



1. **ROOF:**
  - 1.1 Chromadek/ IRR Roofing sheets on 50x75 mm Battens of approved centres on prefabricated Ex. 38x114 timber trusses. Roof Pitch at 15 degrees
2. **CEILING:**
  - 2.1 6.4mm gypsum nail-up ceiling or equally approved on 38x50 mm timber bracing fixed to underside to trusses at 600x600 mm cc finished with 3 number coats of super PVA external quality ceiling white paint Provide Ex. 50 mm deep cornice painted to match ceiling
3. **WALLS:**
  - 3.1 External walls: Face brick in common bond to comply with SABS 227 keyed and sealed to approval.
  - 3.2 Internal walls: Face brick in common bond to comply with SABS 227 keyed and sealed to approval.
4. **FLOORS:**
  - 4.1 330x330mm Non-Slip Ceramic Tiles on 30mm thick sand/ cement screed on 150mm thick mesh reinforced concrete slab to eng. details to all internal spaces
  - 4.2 330x330mm Non-Slip Ceramic Tiles on 30mm thick sand/ cement screed on 85mm thick mesh reinforced concrete slab laid to fall to eng. detail to all covered walk-ways
  - 4.3 All concrete slabs on 50mm thick sandbed with approved DPM on well 150mm thick compacted hardcore treated for ants with approved chemicals to comply with SABS standards
5. **FOUNDATION:**
  - 5.1 700x250mm thick reinforced strip mass foundations to Engineer's details
  - 5.2 Carefully selected foundation back fill material and compacted in 150mm thick layers treated for ants with approved chemicals to comply with SABS standards



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- General Notes**
- 1 All work to comply with National Building Regulations SABS 0400 and Local Authority by-laws.
  - 2 Work to figured dimensions only. Do not scale drawings. Any discrepancies, errors or omissions are to be reported to the architect immediately and before the work is put in hand.
  - 3 The contractor is to verify all levels, heights and dimensions on site and to check these against the drawings, and is to locate and protect any existing services for the duration of the contract.
  - 4 Unless otherwise noted all levels are shown as Finished Floor Levels (FFLs).
  - 5 This drawing is to be read in conjunction with other architect's and engineer's drawings, specifically bathroom and kitchen layouts.
- Construction Notes**

**FOUNDATIONS AND SUPERSTRUCTURE**  
**Surface bed:** 85mm thick reinforced concrete on 250-micron damp proof membrane on compacted fill, all to engineer's design.  
**Reinforced concrete:** All structural concrete shall be carried out strictly in accordance with the Engineer's drawings and specifications and reinforcing shall conform to SABS 0144:1978, SABS 1200GA and 1200 GB 1984.  
**Filling:** Under floors, steps and backfilling to foundations shall be approved, clean and dry material and shall be free from clay, vegetable and other deleterious material.  
**Compaction:** All filling shall be levelled, well watered, and consolidated in layers not more than 150mm and rammed by mechanical means.  
 Compaction effectiveness will be tested by density tests or DCP test (Dynamic Cone Penetrometer)

**CEILING:** Concrete soffit  
**WALLS:** Combination of painted one coat plaster with pre-cast concrete window cills, and face-brick work with brick on edge cills. Brickforce is required every 4th course, or GI butterfly ties at a rate of 5 per square metre.  
**CEILING:** Concrete soffit  
**GLAZING:** Glazing is to conform to SABS 0400 and SAGGA.  
**WINDOWS:** Aluminium windows and doors are to comply with AAAMSA requirements.  
**FIRE DETECTION AND PROTECTION:** Fire protection fire hose reels, fire extinguishers and hydrants are required as per the fire consultant's specification.  
**PLUMBING:** All plumbing will be carried out by licenced plumbers to the satisfaction of the wet services engineer and local authorities, and all work will comply with SABS 0400 as well as SANS 10222 and SANS 10254.

**Electrical Legend**

No.	Description	Date
1	2 WC cubicles added for boys	26/09/2018
2	Combined students & Staff	25/11/2019

NAMES:	SIGNATURE:	DATE:
ARCHITECT:		
PRO. REG. #		
ENGINEER:		
PRO. REG. #		
OWNER:		

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PROJECT  
**Melrose Primary School  
 Schools Sanitation Programme  
 North West**

SHEET DESCRIPTION  
**Combo Ablution Block**

PROJECT NO. MM-0827  
 DATE November 2019

DRAWN BY: dcn  
 CHECKED BY: dcn

MM-ARCH-002 R2

SCALE As indicated