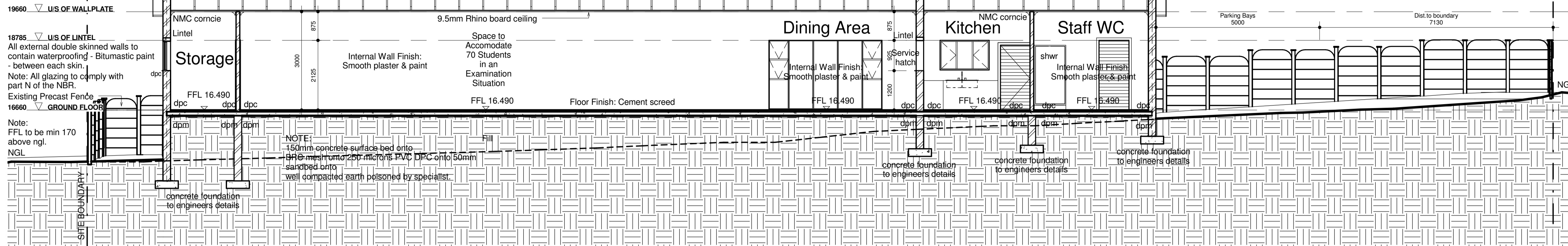


Aluminium Roof - Grey Colomet S profile Sheeting on 38x38mm battens on SABS approved 114x38 timber trusses @750mm max c/c on 114x38mm wallplate tied down with galvanised iron hoop threaded through 4 courses of brickwork

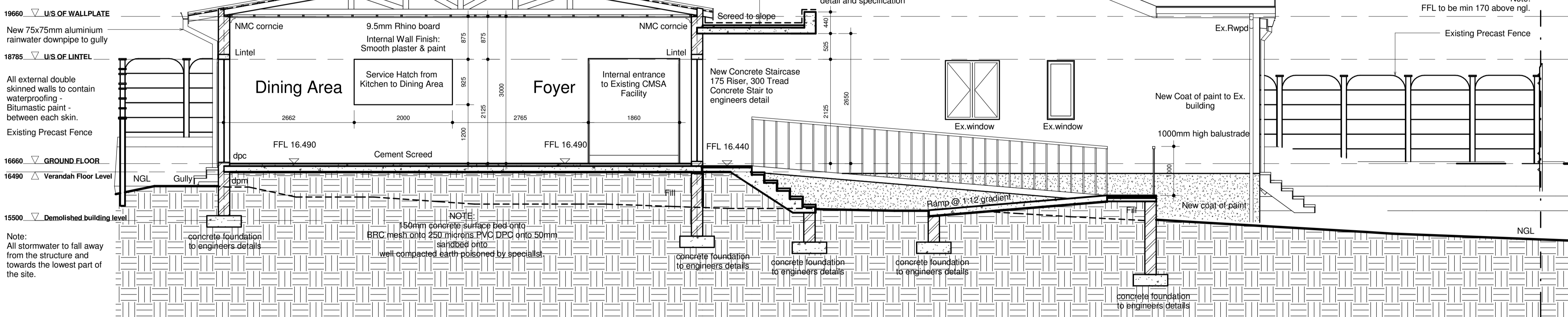
Note:
All stormwater to fall away from the structure and towards the lowest part of the site.



1 Section A
1 : 75

Roof pitch @ 10 degrees

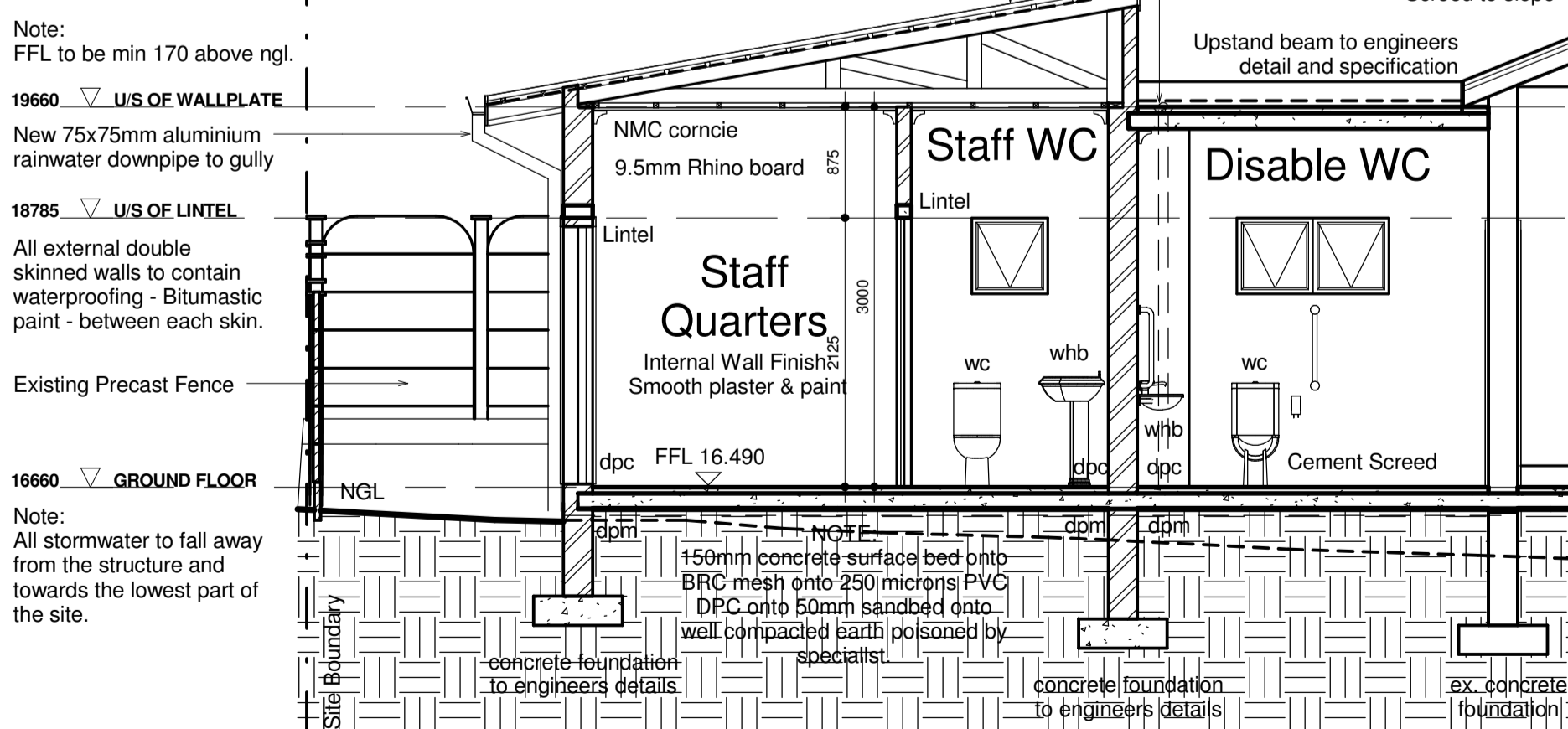
Aluminium Roof - Grey Colomet S profile Sheeting on 38x38mm battens on SABS approved 114x38 timber trusses @760mm max c/c on 114x38mm wallplate tied down with galvanised iron hoop threaded through 4 courses of brickwork



2 Section B
1 : 50

Roof pitch @ 10 degrees

Aluminium Roof - Grey Colomet S profile Sheeting on 38x38mm battens on SABS approved 114x38 timber trusses @760mm max c/c on 114x38mm wallplate tied down with galvanised iron hoop threaded through 4 courses of brickwork



3 Section C
1 : 50

GENERAL BUILDING NOTES:

1. GENERAL
- 1.1 This drawing is not to be scaled, use figured dimensions only. All dimensions and heights to be checked and verified before any work commences on site. Any discrepancies shall be reported to the Architect immediately. All levels, heights of plinths, depth of excavations and number of steps to be finally checked by contractor on site.
- 1.2 The site to be treated in accordance with S.A.B.S. code of practice N.0124-1977 with soil poisoning according to specialist details.
- 1.3 Top of foundations to be a min. of 600mm below natural ground level
- 1.4 Backfill to foundations
- 1.5 Top of 170mm concrete surface bed to be min of 170mm above finished ground level
- 1.6 Brickgrip S.A.B.S. embossed D.P.C. 375 MIC. under all walls, window cills and at changes in floor levels
- 1.7 Electrical installation shall be an earth leakage system in distribution board as per local authorities requirements and certification.
- 1.8 All building work to be carried out in accordance with Local Authorities building by-laws and regulations
- 1.9 Contractor to allow for 2 stand pipes (Garden taps)
- 1.10 All exposed hot water supply pipes to be lagged
- 1.11 Gas bottle installation to be done by a registered Gas installer
- 1.12 Gas installation to comply with N.B.R
- 1.13 Gas installer to finish and issue 2 compliance certificates on completion
- 1.14 Soil poisoning certificate to be finished on completion of application
- 1.15 Contractor must allow for hardwood screening to the following items: all motor units, gas bottles & heat pump motors
- 1.16 Contractor must allow for sand traps to all stormwater catch pits or stormwater surface drains
- 1.17 No surface mounted pipes for A.C units allowed. All piping to be concealed.
- 1.18 All galvanizing to be accordance with "SANS 121 (ISO 1461)"
2. FOUNDATIONS
- 2.1 All foundations, foundation walls, structural concrete work and sub-soil stormwater drainage to Civil Engineers spec
- 2.2 All soil compaction to Engineers spec
- 2.3 230X700mm concrete foundations for 230mm brick walls
- 2.4 300X1000mm pad foundations for 460X460mm brick columns
- 2.5 All foundations to be reinforced as required by Engineer
3. FLOORS
- 3.1 25mm cement screed to all floors
- 3.2 150mm thick concrete surface bed onto BRC re-inforced mesh onto 250 Micron PVC. DPC onto 50mm Umgeni sand on well compacted earth to be poisoned by specialist.
4. WALLS
- 4.1 230mm brick walls with Brickgrip D.P.C.
- 4.2 Brickforce every 6 courses and every course for 4 courses over openings
- 4.3 All load bearing brick walls to be constructed of bricks having a min crushing strength of 14MPa. mortar to be CLASS 2 in accordance with NBR and SANS 10154
- 4.4 Window built in with Brickgrip D.P.C or similar approved.
- 4.5 All paintwork to comply with manufacturers spec with necessary undercoats
5. ROOF
- 5.1 PITCHED ROOF:
Pitched roof to have Aluminium Roof Grey Colomet S profile Sheeting on 38x38mm battens on SABS approved sisalation 410 on 114x38 timber trusses @760mm max c/c on 114x38mm wallplate tied down with galvanised iron hoop threaded through, Isoboard ceiling on 38x38 branding fixed to underside of timber roof trusses and skim joints and painted with approved NMC cornice. Refer to sections for roof pitch.
- 5.2 75x75mm aluminium rainwater downpipes from aluminium gutters

6. WINDOWS & DOORS
- 6.1 Windows: as per window schedule
- 6.2 Any pane of glass which is to be installed without a support frame shall be in accordance with SANS 10137
- 6.3 Thickness of panes in relation to their area shall be in accordance with SANS 10137
- 6.4 External sliding doors: as per door schedule
- 6.5 Internal doors: Hardwood Merrati (to Interior Designers spec)
- 6.6 French doors: doors as per schedule
- 6.7 Any door leading from the garage into the house must be "CLASS B FIRE RATED" door with self-closer.
- 6.8 Internal doors to have a floor mounted "UNION" Ref. AL8730AS. Aluminium door stop or a "UNION" Ref. 8254AS aluminium wall mounted door stop.
7. DRAINAGE NOTES
- 7.1 100dia. U.P.V.C sewer pipe drain with a min. fall of 1:60
- 7.2 100dia. OVP at head of drainpipe as shown
- 7.3 Rodding Eyes at head of drain, at all changes of direction & @ max. of 25m intervals
- 7.4 Inspection Eyes at all junctions of drain, & to have marked covers @ ground level
- 7.5 Drain pipe under building to be protected against load
- 7.6 All waste pipes to have 65mm re-seal traps, all waste pipes to be accessible over the entire length for cleaning & repairs
- 7.7 All waste pipes under floor slab to be sleeved
- 7.8 All soil fittings with vertical discharge greater than 1220 to have antisiphon ventpipes
- 7.9 Rainwater downpipes to discharge @ MIN. OF 2440mm from any open gully
- 7.10 All drainage to be carried out in accordance with Local authorities drainage and by-laws & regulations
- 7.11 All waste pipes to be 50mm diameter
- 7.12 All rainwater downpipes to fall onto concrete spreader
- 7.13 Contractor to allow for 2 X PVC pipes under the driveway between the boundary and road edge
- 7.14 The W.C is to be a close-coupled suite white with chrome ball -o- stop
- 7.15 Plumber must allow for above-counter stop cocks for the dish washer and washing machine

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Revision Schedule		
Rev	Date	Description
A	09/02/2013	Ready for Council Submission
B	21/11/2012	Costing
C	29/01/2013	Revised Design

SIGNED FOR CONSTRUCTION

ARCHITECT:

CLIENT:

IF THIS DRAWING IS NOT SIGNED BY THE ARCHITECT IT IS NOT FOR CONSTRUCTION PURPOSES

PROJECT
Colleges of Medicine South Africa, Phase 1, ERF 9107/ 9108/ 9109/ 9110 Umbilo. 10/12/14/16 Lichfield Road

DESCRIPTION
Sections A , B & C

C A ARCHITECTS CC

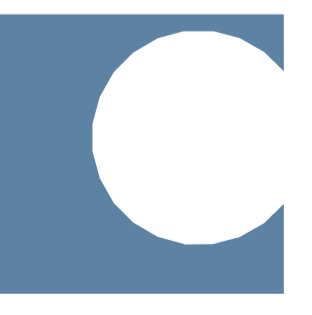
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		Rev Nr: C	