

Garage and Scullery Roof Notes:
 0.55mm thick Classicoor Corrugated Thunderstorm COLORPLUS AZ200 coated roof sheeting fixed to 76x50mm purlins at max 600mm centers and recommended accessories and fasteners with ridge capping of similar colour, installed by specialist, all by specialist roofing contractor to structural engineer's detail, with 50mm thick Isotherm insulation layer
 Roof Pitch - 27°

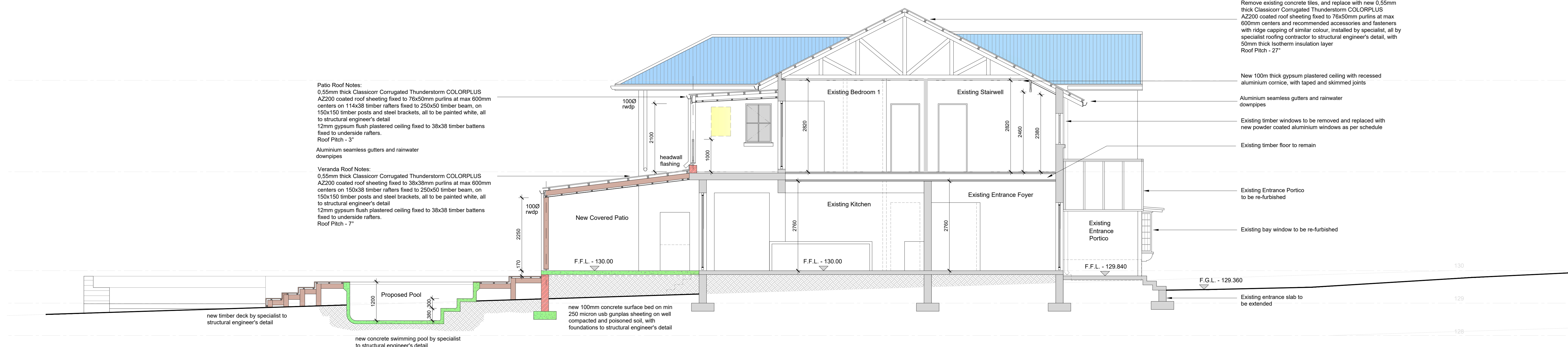
Existing timber windows to be bricked up and replaced with new aluminium windows as per schedule
 Existing Entrance Portico to be re-furbished
 Existing Bay window to be re-furbished

SECTION A-A
 SCALE 1: 50

Roof Assembly Calculation:

Required K Value (Zone 5)	2.7 m2/KW
Proposed roof:	
Roof sheeting, air gap, ceiling, outdoor and indoor air film, including reflective foil	0.89 (unventilated)
75mm Isotherm insulation	1.18
Required added insulation:	3.7 - 2.07 = 1.63m2/KW
Thickness of rigid extruded polystyrene required	50mm

Roof Notes:
 Remove existing concrete tiles, and replace with new 0.55mm thick Classicoor Corrugated Thunderstorm COLORPLUS AZ200 coated roof sheeting fixed to 76x50mm purlins at max 600mm centers and recommended accessories and fasteners with ridge capping of similar colour, installed by specialist, all by specialist roofing contractor to structural engineer's detail, with 50mm thick Isotherm insulation layer
 Roof Pitch - 27°



Patio Roof Notes:
 0.55mm thick Classicoor Corrugated Thunderstorm COLORPLUS AZ200 coated roof sheeting fixed to 76x50mm purlins at max 600mm centers on 114x38 timber rafters fixed to 250x50 timber beam, on 150x150 timber posts and steel brackets, all to be painted white, all to structural engineer's detail
 12mm gypsum flush plastered ceiling fixed to 38x38 timber battens fixed to underside rafters.
 Roof Pitch - 3°
 Aluminium seamless gutters and rainwater downpipes

Veranda Roof Notes:
 0.55mm thick Classicoor Corrugated Thunderstorm COLORPLUS AZ200 coated roof sheeting fixed to 38x38mm purlins at max 600mm centers on 150x38 timber rafters fixed to 250x50 timber beam, on 150x150 timber posts and steel brackets, all to be painted white, all to structural engineer's detail
 12mm gypsum flush plastered ceiling fixed to 38x38 timber battens fixed to underside rafters.
 Roof Pitch - 7°

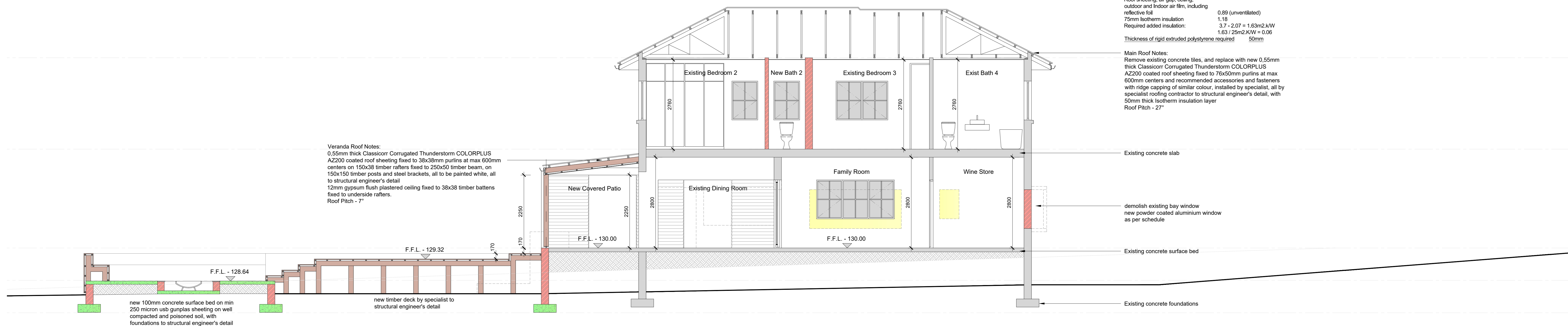
New 100mm thick gypsum plastered ceiling with recessed aluminium cornice, with taped and skimmed joints
 Aluminium seamless gutters and rainwater downpipes
 Existing timber windows to be removed and replaced with new powder coated aluminium windows as per schedule
 Existing timber floor to remain
 Existing Entrance Portico to be re-furbished
 Existing bay window to be re-furbished

SECTION B-B
 SCALE 1: 50

Roof Assembly Calculation:

Required K Value (Zone 5)	2.7 m2/KW
Proposed roof:	
Roof sheeting, air gap, ceiling, outdoor and indoor air film, including reflective foil	0.89 (unventilated)
75mm Isotherm insulation	1.18
Required added insulation:	3.7 - 2.07 = 1.63m2/KW
Thickness of rigid extruded polystyrene required	50mm

Main Roof Notes:
 Remove existing concrete tiles, and replace with new 0.55mm thick Classicoor Corrugated Thunderstorm COLORPLUS AZ200 coated roof sheeting fixed to 76x50mm purlins at max 600mm centers and recommended accessories and fasteners with ridge capping of similar colour, installed by specialist, all by specialist roofing contractor to structural engineer's detail, with 50mm thick Isotherm insulation layer
 Roof Pitch - 27°



Veranda Roof Notes:
 0.55mm thick Classicoor Corrugated Thunderstorm COLORPLUS AZ200 coated roof sheeting fixed to 38x38mm purlins at max 600mm centers on 150x38 timber rafters fixed to 250x50 timber beam, on 150x150 timber posts and steel brackets, all to be painted white, all to structural engineer's detail
 12mm gypsum flush plastered ceiling fixed to 38x38 timber battens fixed to underside rafters.
 Roof Pitch - 7°

Existing concrete slab
 Existing concrete surface bed
 Existing concrete foundations
 Demolish existing bay window new powder coated aluminium window as per schedule

SECTION C-C
 SCALE 1: 50

general notes:
 this drawing is copyright and remains the property of dhs architecture
 all dimensions and levels are to be checked on site prior to construction
 all dimensions and levels on this drawing are to be taken in preference to scaling off
 any discrepancies on this drawing are to be reported to the office of the architect prior to construction
 all work is to be carried out in accordance with the national building regulations SANS 10400 parts A to Z all retaining walls, piles footings, slabs, beams, columns and agricultural drains to engineer's details and design all foundations/piling to structural engineer's detail and design
 All foundations and existing structures to be certified by competent person as per SANS 10400 part A1(3)(e) the main contractor to check the land surveyors drawings for confirmation of setting out levels and dimensions of site
 building work may only commence on approval of the building plans from the local authority, construction prior to approval will be at the risk of the owner

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signature:

project:
PROPOSED ADDITIONS AND ALTERATIONS TO EXISTING DWELLING, ON PORTION 6 OF ERF 2753, DURBAN NORTH, AT 23 BERKELEY CRESCENT.

client:
**AROON PATEL
 HEIDI LYNN PATEL**
 signature:

drawing title:
SECTIONS AA, BB AND CC

drawing and project number:
dhs2023_209_303 Rev B
 drawing no. **03**
 date: October 2023 author: dhs scale: 1:50