





Block Key	
	Ex. RC Concrete Roof (Adjoining Building : R3)
	Block A (Refer to R1)
	Block B (Refer to R2)
	New Aluminium Gutter

SPECIFICATIONS

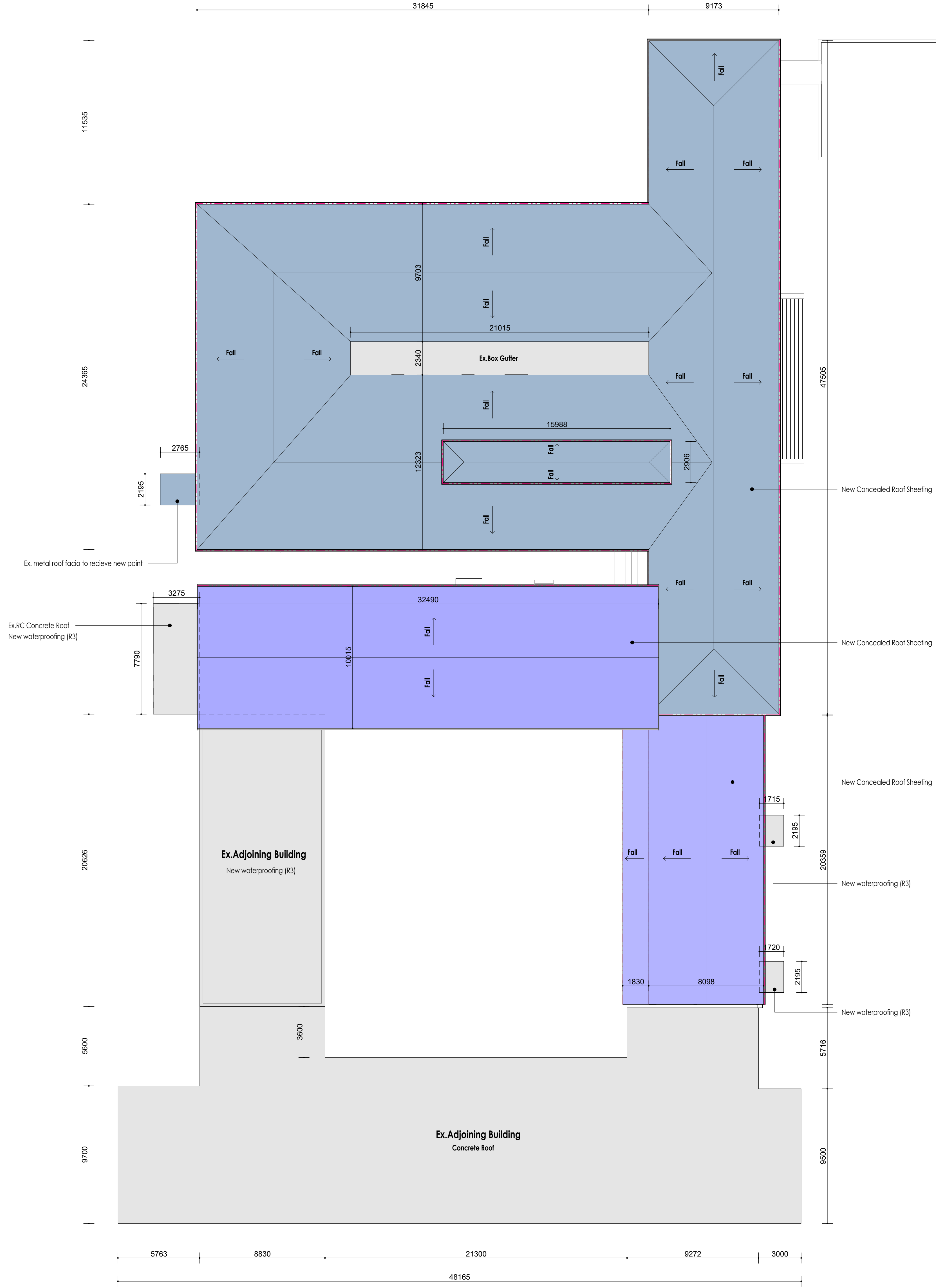
- Roof**
- R1** Remove existing Manselle Roof Tiles and existing timber battens and install new Double-interlocking concealed-fix Kip-Tite™ profile roll-formed in continuous lengths and cut to length by pneumatic cut-off process from certified **0.8mm Z75 Galvanized steel**. A certificate of welding compliance shall be issued by the manufacturer. Sheeting to be finished with a **Chromadek® Ultem** colour coated finish (Colour: Sunset Red) to one side with a Pebble Grey backing coat to other. To be fixed to every purlin by means of patented KJ700 clip having square which will securely hold the sheets in position and lock in the side lap and both centre ribs. The KJ700 clips shall be manufactured from Galvanized steel and shall be fixed with the appropriate self-drilling/tapping screws to steel purlins (selection from installation manual) OR with JAP no. 12x45mm Washerhead screws type 17 to new 50x75mm timber purlins.
- R2** Remove existing Asbestos Roof Sheeting and existing timber battens and install new Double-interlocking concealed-fix Kip-Tite™ profile roll-formed in continuous lengths and cut to length by pneumatic cut-off process from certified **0.8mm Z75 Galvanized steel**. A certificate of welding compliance shall be issued by the manufacturer. Sheeting to be finished with a **Chromadek® Ultem** colour coated finish (Colour: Sunset Red) to one side with a Pebble Grey backing coat to other. To be fixed to every purlin by means of patented KJ700 clip having square which will securely hold the sheets in position and lock in the side lap and both centre ribs. The KJ700 clips shall be manufactured from Galvanized steel and shall be fixed with the appropriate self-drilling/tapping screws to steel purlins (selection from installation manual) OR with JAP no. 12x45mm Washerhead screws type 17 to new 50x75mm timber purlins.
- R3** Strip existing screed & waterproofing. Install screed average 100mm thick laid to fall and lay one-layer Derbigum™ SP4 waterproofing membrane with 75mm side and 100mm end laps. Sealed to primed surface to fall and cross falls by "back-slope" finished with two coats of bituminous aluminium paint. Waterproofing is to be installed by an approved Derbigum™ contractor under a ten-year guarantee.
- R4** New 12mm thick x 225mm medium density Fibre Cement fascia board with aluminium H-profile fascia joiners.
- R5** New 330mm x 250mm Fibrecement Barge Board with aluminium H-profile barge board joiners.
- Insulation**
- I1** 4mm White Alububble Code 2956, D10 White bubble bottom with foil backing top insulation or other equal approved.
- Ceiling**
- C1** Supply and install CAPCO 3.600m 138/35G main tees at 1.200m centres in one direction and CAPCO 1.200m 138/35G cross tees at 400mm centres perpendicular to main tees. Main tees to be suspended at 1.200m centres by means of 25 x 25 x 4.8mm G40 angle hangers fixed to tube of main tee with 4.2 x 13mm washer-tek screws and to slab with 6 x 40mm express nails and M6 washers. Fit 9mm thick CAPCO standard gypsum tapered edge board to underside of grid system with tapered edge of board facing down with 25mm drillwall screw at 150mm centres. Cover all drillwall screw heads with CAPCO Jointing Compound. Apply 50mm wide self-adhesive glass fibre tape to all joints and finish with CAPCO Jointing Compound. Installation to be in accordance with Capco and SASA installation instructions.
- Rainwater Goods**
- RG1** Remove existing gullies and replace them with new 150 x 125 x 0.6mm Aluminium profiled gully with brackets fixed at 500mm centres.
- RG2** Remove existing downpipes and replace with new white 100 x 75mm fluted aluminium rainwater downpipes with baked enamel finish.
- Painting**
- P1** Walls - Remove any flaking paint using a scraper and sandpaper, poly fill all cracks and gently sand over. Apply primer and allow to dry, then apply two coats Plascon Wall & A.I.
- P2** Soffit - Remove any flaking paint using a scraper and prepare surface to receive new Plascon Primer. Undercoat and two coats Plascon Wall & A.I.
- Windows**
- W1** Remove any flaking paint and all damaged window putty, replace all damaged/misfitting glazing with new 6mm thick safety glass, apply approved multi-purpose glazing putty. Prepare surface to receive one coat and two coats Plascon walling.

GENERAL DRAWING NOTES

- THE DESIGN ON THIS DRAWING IS COPYRIGHT AND REMAINS THE PROPERTY OF THE ARCHITECTS.
- ALL WORK TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH MUNICIPAL REGULATIONS.
- DRAWINGS NOT TO BE SCALED. ONLY ANNOTATED DIMENSIONS TO BE USED.
- ALL RELEVANT DATUM, LEVELS, DIMENSIONS TO BE CHECKED ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS ARE TO BE CHECKED BY THE MAIN CONTRACTOR AND ANY DISCREPANCIES ON THE DRAWINGS OR BETWEEN THE DRAWINGS ARE TO REFERRED TO THE ARCHITECT.
- CONTRACTOR TO CHECK ALL QUANTITIES PRIOR TO ORDERING AND MANUFACTURE.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL BY ARCHITECT PRIOR TO MANUFACTURE.

Revision:

No.:	Date:	Description:



Roof Plan
1 : 150



Signature: _____ Date: _____



Professional Architects signature
Mr K.P Mawesana (Pr. Arch) sacap (7992) sala (7593)

Project Title:
UKZN PMB CAMPUS - RE-ROOFING OF THE CHEMISTRY BUILDING

Date: 05/22/23 Scale:
Drawn: KOT, KLN As indicated

Drawing Description:
AMAFA SUBMISSION - Roof Plan

Job no.:	Drawing no.:	Rev. no.:
s585	WD-100	

Signature:	Date:
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ISSUED FOR INFORMATION	
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ISSUED FOR TENDER	
ISSUED FOR CONSTRUCTION	