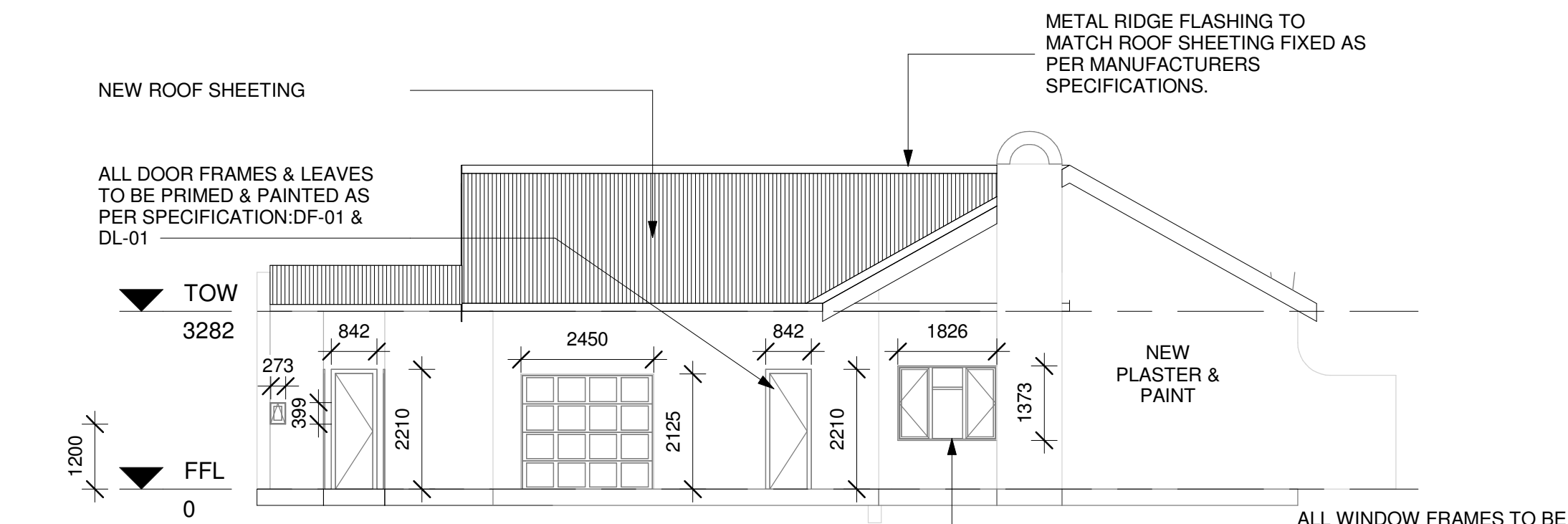
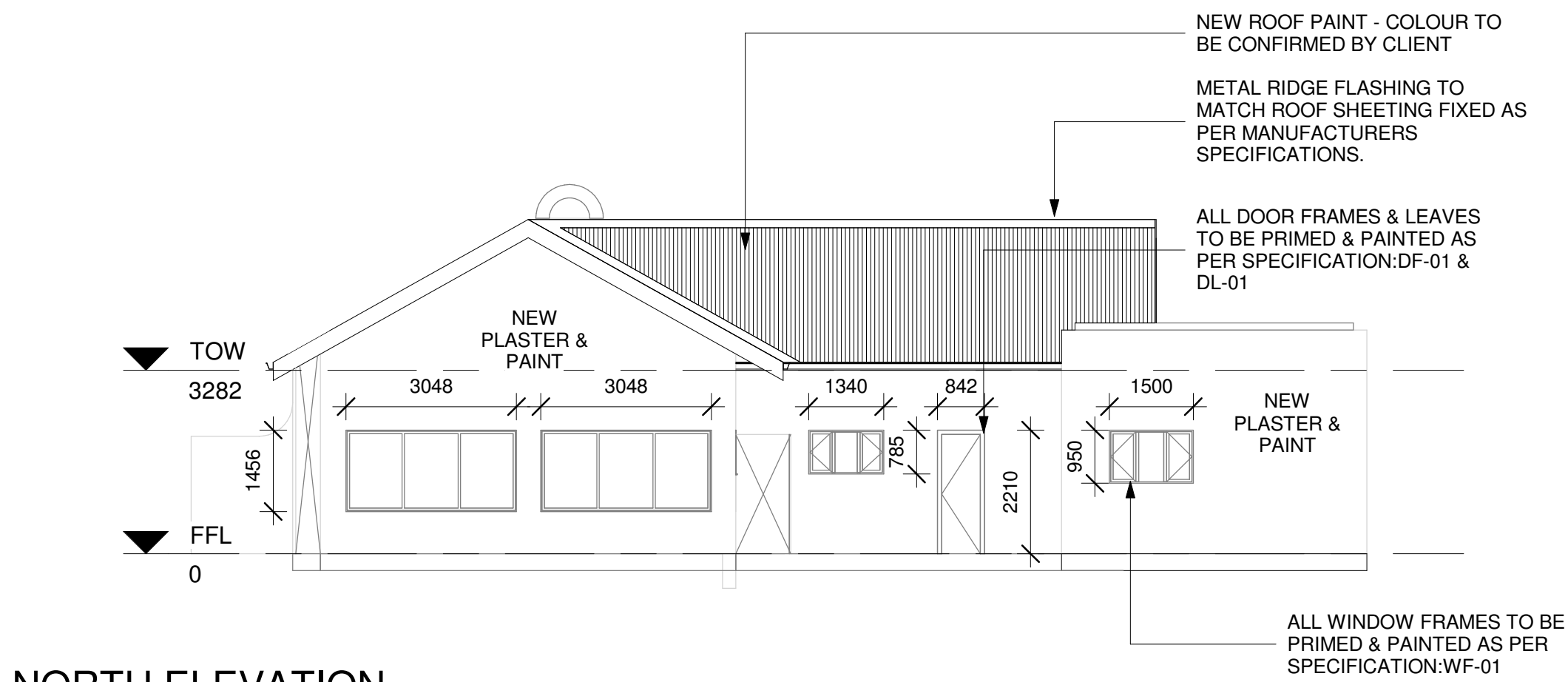




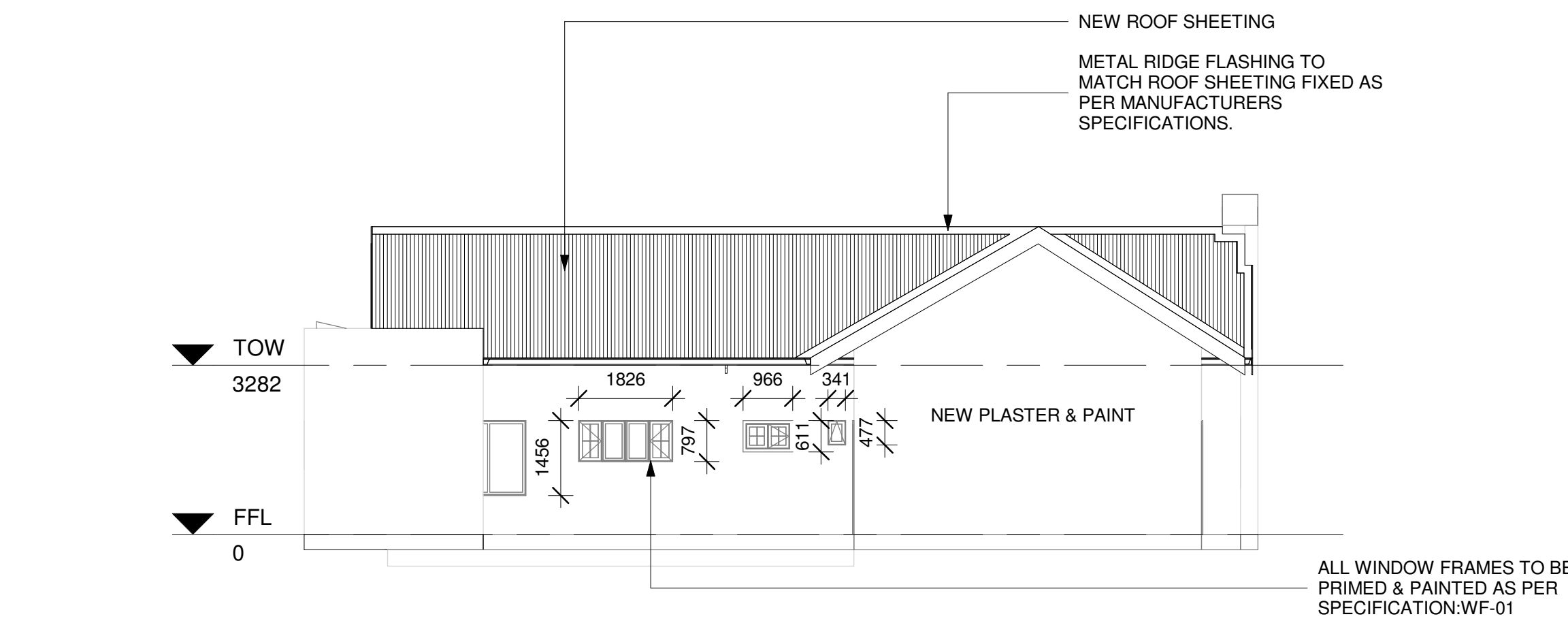
SOUTH ELEVATION

1 : 100



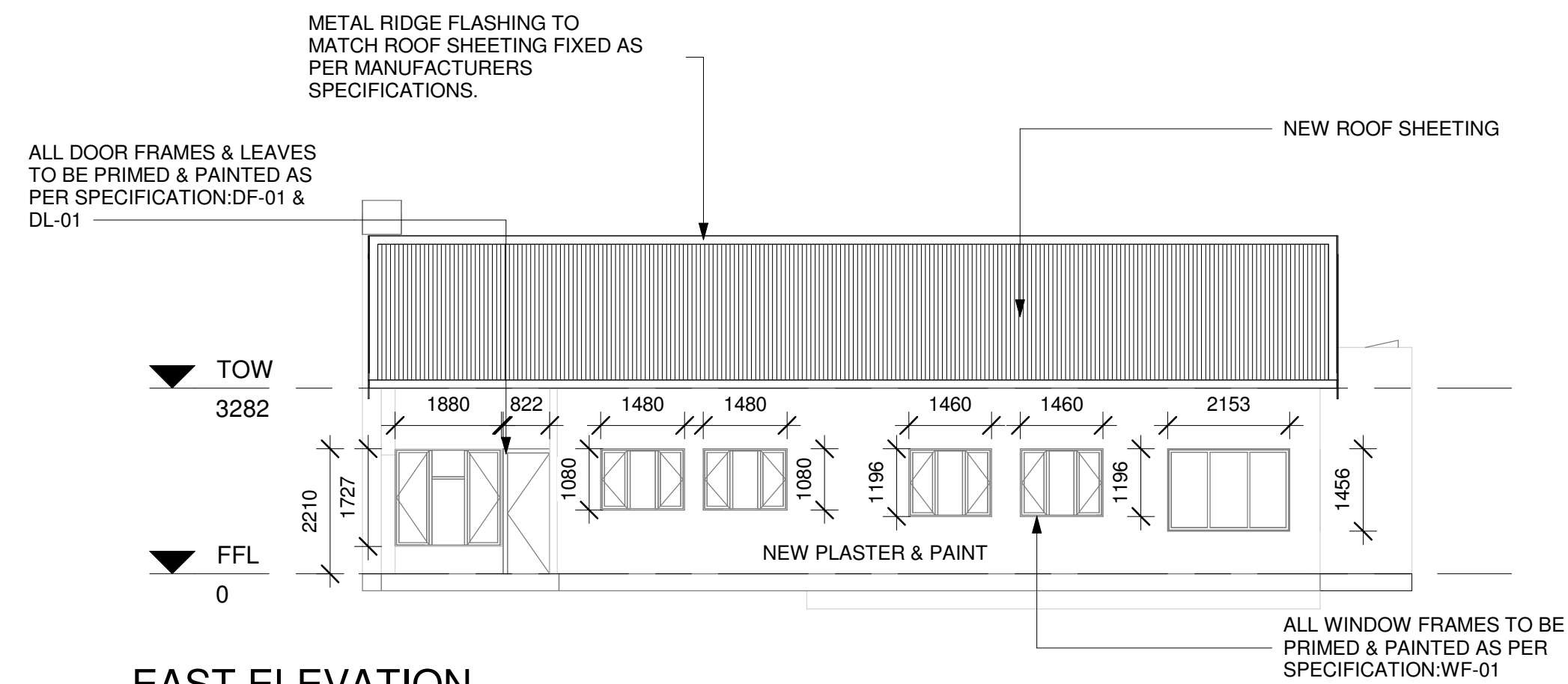
NORTH ELEVATION

1 : 100



WEST ELEVATION

1 : 100



EAST ELEVATION

1 : 100

CEILING SPECIFICATION

C-04 EXISTING GYPSUM CEILINGS TO REMAIN

SURFACE TO BE DRY, SOUND AND FREE OF DIRT AND LOOSE PARTICLES. WIPE DOWN WITH A DAMP CLOTH AND ALLOW TO DRY COMPLETELY. PRIME WITH ONE COAT PLASTER PRIMER WITH AN OVERCOATING TIME OF 16 HOURS AND FINISH WITH TWO COATS LOW ODOUR PREMIUM QUALITY INTERIOR VELVET SHEEN COATING THAT IS HIGHLY WASHABLE AND STAIN RESISTANT (COLOUR: BRILLIANT WHITE) WITH A 2 HOURS DRYING TIME BETWEEN COATS, FOR A MAINTENANCE CYCLE OF 15 YEARS

WINDOW FRAME FINISHING SPECIFICATION

WF-01 EXISTING STEEL WINDOW FRAMES (INTERNAL & EXTERNAL)

- REMOVE ALL PAINT WITH AN ALL-PURPOSE PAINT REMOVER, ALL IN STRICT ACCORDANCE TO MANUFACTURER'S SPECIFICATION.
- REMOVE ALL DEFECTIVE PUTTY.
- APPLY RUST REMOVER TO RUSTED AREAS AND SCRUB WITH HARD BRISTLE BRUSH TO REMOVE RUST. RINSE THOROUGHLY WITH TAP WATER. REPEAT PROCESS IF RUST IS NOT REMOVED. DRY SURFACE RAPIDLY TO PREVENT FLASH RUST FORMATION
- ENSURE SURFACE IS CLEAN, DRY AND DUST FREE. PRIME WITH ZINC PHOSPHATE PRIMER AND ALLOW TO DRY OVERNIGHT.
- RE-GLAZE BROKEN PANES AND REPLACE DEFECTIVE PUTTY. ALLOW PUTTY TO DRY FOR APPROXIMATELY 7 DAYS UNTIL A SOLID SKIN HAS FORMED BEFORE PAINTING. TO COMPLY WITH SANS 680.

ENSURE SURFACES ARE CLEAN, DRY AND SOUND. APPLY EITHER UNIVERSAL UNDERCOAT, PROFESSIONAL UNDERCOAT OR MULTI-SURFACE PRIMER TO BARE AREAS. ALLOW 16 HOURS TO DRY. FINISH WITH TWO COATS WATER BASED METAL GLOSS ENAMEL (COLOUR: BRILLIANT WHITE) WITH 4 HOURS DRYING TIME BETWEEN COATS, FOR A MAINTENANCE CYCLE OF 4 YEARS.

DOOR FRAME & LEAF FINISHING SPECIFICATION

DF-01 NEW STANDARD STEEL DOOR FRAMES (INTERNAL & EXTERNAL)

EXISTING DAMAGED DOOR FRAMES TO BE REPLACED AS PER ROOM DATA SCHEDULES WITH NEW STEEL FRAMES:

EXTERNAL - STANDARD 1.2MM DOUBLE REBATED PRESSED METAL FRAME WITH RED OXIDE PRIMER, COMPLETE WITH STRAPS FOR BUILDING IN, 2 X 100MM GALVANISED AND WELDED LOOSE PIN HINGES. ADJUST CHROME PLATED STRIKING PLATE. FRAME TO FIT EXISTING DOOR OPENING & WALL THICKNESS.

INTERNAL - STANDARD 1.2MM DOUBLE REBATED PRESSED METAL FRAME WITH RED OXIDE PRIMER, COMPLETE WITH STRAPS FOR BUILDING IN, 2 X 100MM AND WELDED LOOSE PIN HINGES. ADJUST CHROME PLATED STRIKING PLATE. FRAME TO FIT EXISTING DOOR OPENING AND WALL THICKNESS.

SURFACE TO BE CLEAN AND DRY. REMOVE SURFACE CONTAMINANTS USING METALCARE AQUASOLV DEGREASER WITH BRISTLE BRUSH OR BRILLO PADS. RINSE THOROUGHLY WITH TAP WATER UNTIL SURFACE IS WATER BREAK-FREE. REMOVE RUST AND MILL SCALE BY ABRASIVE BLASTING TO ISO 8501 - 01:1988 - SA2½ OR BY HAND/MECHANICAL WIRE BRUSHING TO ST3 OF THE SAME STANDARD. ALLOW TO DRY COMPLETELY AND PRIME WITHIN 4 HOURS OF CLEANING. PRIME WITH ONE COAT METALCARE MILD STEEL PRIMER WITH AN OVERCOATING TIME OF 16 HOURS AND FINISH WITH TWO COATS PROFESSIONAL COLOUR TO MATCH EXISTING GLOSS ENAMEL WITH 16 HOURS DRYING TIME BETWEEN COATS, FOR A MAINTENANCE CYCLE OF 5 YEARS.

DF-01 EXISTING TIMBER DOOR LEAVES TO REMAIN (INTERNAL & EXTERNAL): PAINT PREPARATION OF EXISTING LEAVE:

REMOVE SOLVENT BASED PAINTS AND VARNISHES USING PAINT STRIPPER. WASH DOWN THOROUGHLY WITH LACQUER THINNER OR UNIVERSAL REDUCER. ALLOW TO DRY. SAND SMOOTH WITH 150 GRIT PAPER IN DIRECTION OF GRAIN. DUST OFF. ENSURE SURFACES ARE CLEAN, DRY AND SOUND. TO DETERMINE THE MOISTURE CONTENT, USE A DOSER HYGROMETER SCALE A1 - A5 (OR EQUIVALENT) DEPENDING ON GENERIC WOOD TYPE. MEASUREMENTS SHOULD BE <14% BEFORE PAINTING.

NEW FINISH: FINISH WITH TWO COATS SEMI-GLOSS SATIN SHEEN POLYURETHANE ENAMEL (COLOUR: TO LATER SPECIFICATION) WITH 16 HOURS DRYING TIME BETWEEN COATS, FOR A MAINTENANCE CYCLE OF 12 YEARS. ALL IN STRICT ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

38x38mm SPACED @ 500mm C-C STEEL PURLINS FIXED TO TIMBER TRUSS.

NEW ROOF SHEETING

100mm THINK PINK GLASS WOOL INSULATION

EXISTING CEILING PAINTED AS PER SPECIFICATION:

ALL DOOR FRAMES & LEAVES TO BE PRIMED & PAINTED AS PER SPECIFICATION:DF-01 & DL-01

SECTION A-A

1 : 50

Cad File Name: DBEC-MRPRO-09-06 P21124-TN-06-ARC-200 REV A



LEGEND:

TENDER

Rev	Date	Description of changes	By
A	14-04-2022	ISSUED FOR APPROVAL	SBM

REVISIONS

Client

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South African National Biodiversity Institute

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APPROVED
THE MASTER HELD AT DELTA BUILT ENVIRONMENT CONSULTANTS BEARS THE ORIGINAL SIGNATURE OF APPROVAL

Signed by: S. BENADIE-MARAIS
Signature: NAME: DATE: 14-04-2022

SACAP No: 30447969

Project

SANBI LOWVELD STAFF RESIDENCES AND FACILITIES

Project Description

REPAIRS, RENOVATIONS & UPGRADES OF FACILITIES AT THE LOWVELD NATIONAL BOTANICAL GARDEN

Drawing Title

HOUSE 2 - ELEVATIONS & SECTION A-A

Drawing Units: MILLIMETERS

Date: APRIL 2022	Scale: As indicated	Designed By: T. JANSE VAN RENSBURG
Checked By: M. POTGIETER	Drawn By: I. MULDER	Approved By: S. BENADIE-MARAIS
Drawing No: P21124-TN-06-ARC-200	Rev: A	