

NOTES:

SCABBLE SURFACE OF EXISTING SLAB TO EXPOSE
AGGREGATES. REMOVE ALL LAITANCE AND DUST PARTICLES.
150mm DOWELED CHEMICAL ANCHORS (Y10 @ 300mm c/c) IN
BOTH DIRECTIONS TO BE EPOXIED INTO EXISTING SLAB TO A

DEPTH OF 75mm MIN.

SIKADUR 32N WET TO DRY EPOXY OR SIMILAR APPROVED TO BE APPLIED ON EXISTING SLAB WHICH MUST BE DRY AND CLEAN OF ALL DUST AND LAITANCE. THIS PRODUCT MUST BE APPLIED ON EXISTING SLAB WITH A BRUSH. NEW SLAB TO BE CAST WHEN SIKADUR 32N LAYER IS STILL TACKY.

NEW SLAB TO BE CONTINUOUSLY CURED FOR A PERIOD OF 3

CUBE RESULTS TO BE SUBMITTED TO ENGINEER FOR 7 DAYS AND 28 DAYS FOR EVERY BATCH OF CONCRETE CAST. NEW RAFT SLAB AND BEAMS TO HAVE A MINIMUM CHARACTERISTIC COMPRESSIVE STRENGTH OF 25MPa AT 28 DAYS. CONCRETE CLASS 25/13.

METHOD STATEMENT FOR INSTALLATION OF DOWELS/ANCHORS DRILL HOLES TO A DEPTH OF 75mm INTO EXISTING RAFT SLAB DIAMETER OF HOLE TO BE IN ACCORDANCE WITH DOWEL SIZE. REMOVE ALL DUST PARTICLE AND LAITANCE FROM HOLE BY MEANS OF A BLOW PUMP OR COMPRESSED AIR.

DRILLED HOLE TO BE CLEANED USING STEEL BRUSH.
INJECT SIKA ANCHOR FIX OR SIMILAR APPROVED PRODUCT
STARTING FROM THE BOTTOM OF THE HOLES. CARE MUST TAKEN
WHEN INJECTING THE PRODUCT TO AVOID AIR ENTRAPMENT.
INSERT DOWEL/ANCHOR IN A ROTARY MOTION WHICH MAY
RESULT IN SOME OF THE PRODUCT BEING EXPELLED FROM THE
HOLE.

DOWELS/ANCHORS MUST NOT BE MOVED DURING THE CURING PERIOD OF THE INJECTED PRODUCT.
INJECTED PRODUCT TO BE USED TO FIX DOWELS/ANCHORS IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS AND INSTRUCTION.

PRIOR TO BEING USED ON SITE.
QUALITY CONTROL TESTS TO BE DONE
CONCRETE CUBE TESTS:

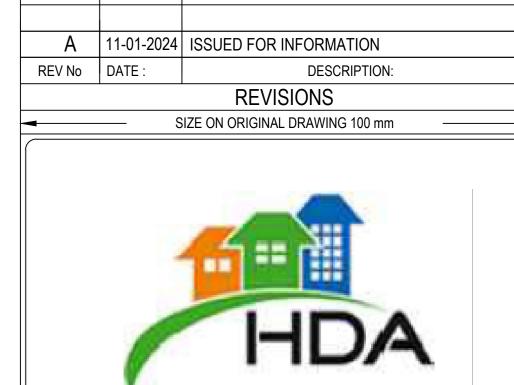
PRODUCT TO BE APPROVED IN PRINCIPLE BY THE DESIGNER

1 SET OF CUBES (3) REQUIRED FOR EVERY 30m³ (5 TRUCKS) OF CONCRETE PLACED.

SAMPLES TO BE TAKEN FROM DIFFERENT BATCHES AND RANDOMLY CHOSEN.

AT LEAST ONE SAMPLE SHALL BE TAKEN FROM EACH DAY'S PLACING OF DIFFERENT GRADES OF CONCRETE.

TESTS TO BE PERFORMED BY A SANAS APPROVED LABORATORY.
ALL CONCRETE TEST CUBES MUST BE SUPPLIED TO THE
ENGINEER WITHIN 7 DAYS OF REACHING AGE (7 AND 28 DAYS)
FOR APPROVAL.





INSTITUTION

STAND /ERF/PLOT DESCRIPTION

CONSTRUCTION OF ENGCOBO 1854

CONTRACT BUILDING OCCUPANCY CLASSIFICATION PROJECT STAGE

A3 5

STRUCTURAL DESIGNS

WORK DESCRIPTION - SUB DIVISION

40M² HOUSE PLAN LAYOUT

DRAWING DESCRIPTION

RAFT CONCRETE LAYOUT

REARABILOE MANETHOA

SCALE 1:100 · JABU MAHLANGU CHECKED

RESPONSIBLE PROFESSIONAL
DATE NAME SIGNATURE PR NUMBER

11/01/2024 JABU MAHLANGU 20180159

DRAWING CO-ORDINATED
09/01/2024 REARABILOE MANETHOA

DESIGN LIZWELETHU KHUMALO

FILE No.

CONSULTANT:

Waterford Court Block D20, 234 Glover Ave, Die Hoewes 0157

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SIZE DRAWING NUMBER REV

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