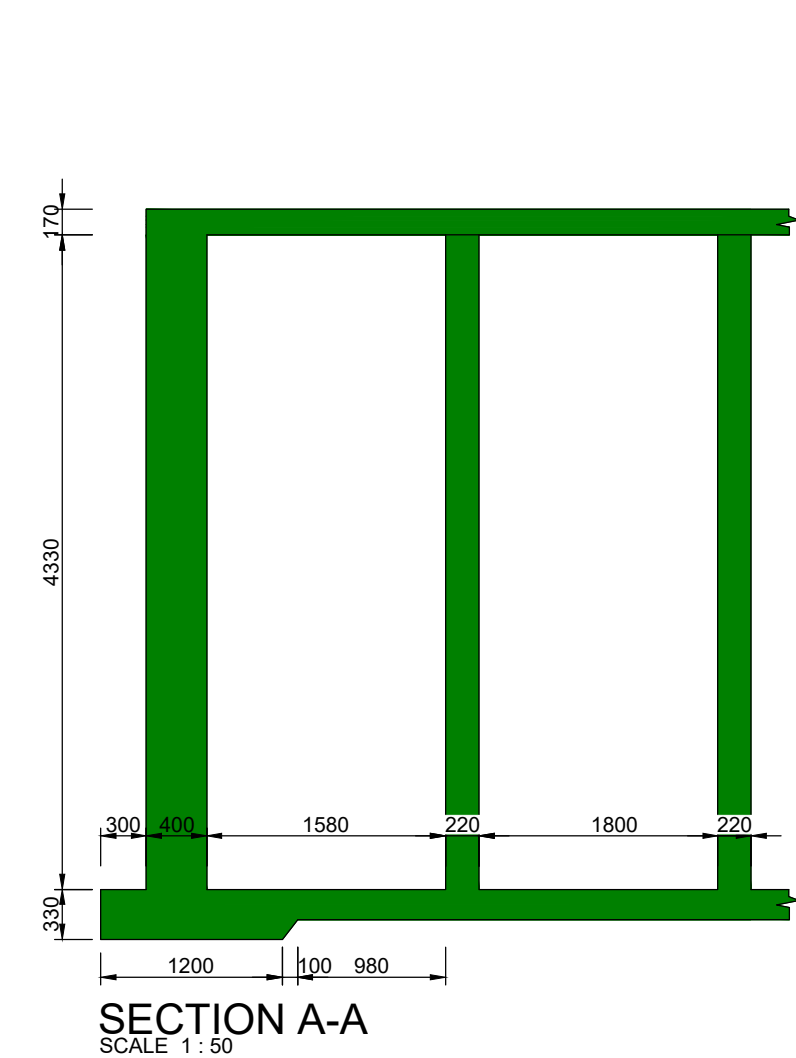
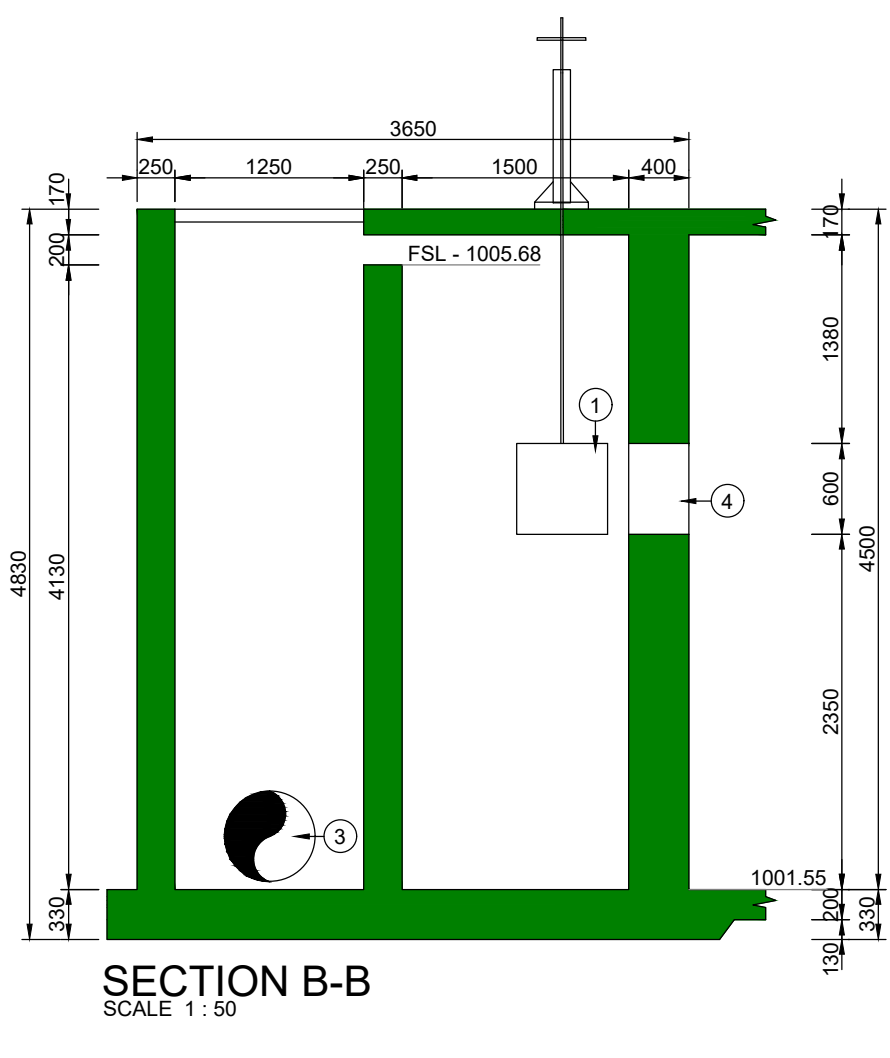


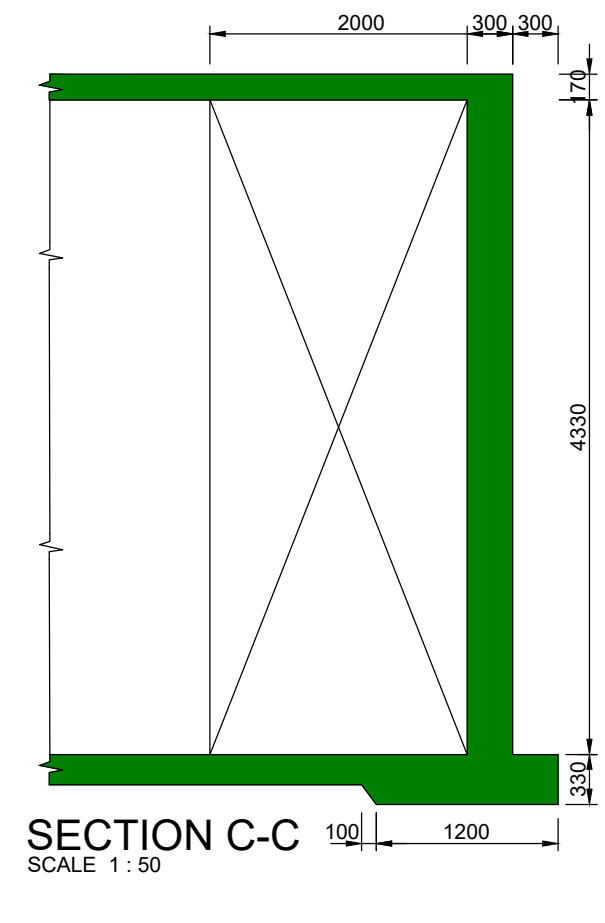
R.C. CONSTRUCTION GROUND FLOOR AND WALL LAYOUT
SCALE 1 : 50



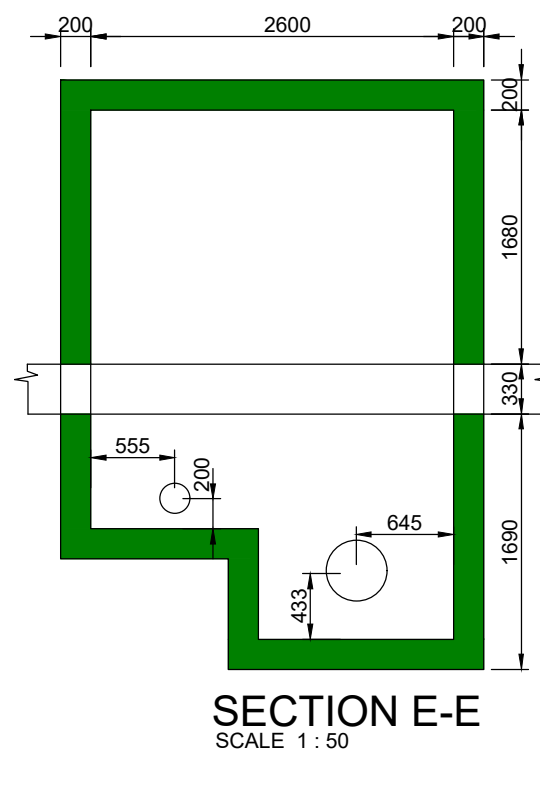
SECTION A-A
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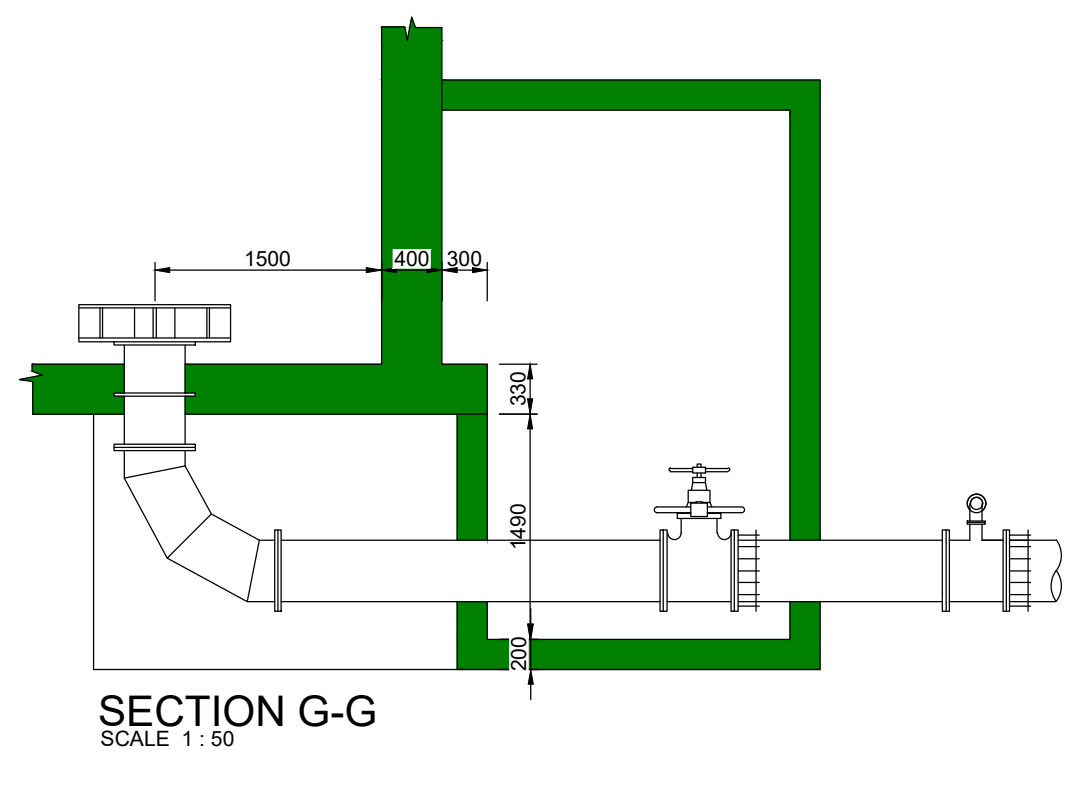
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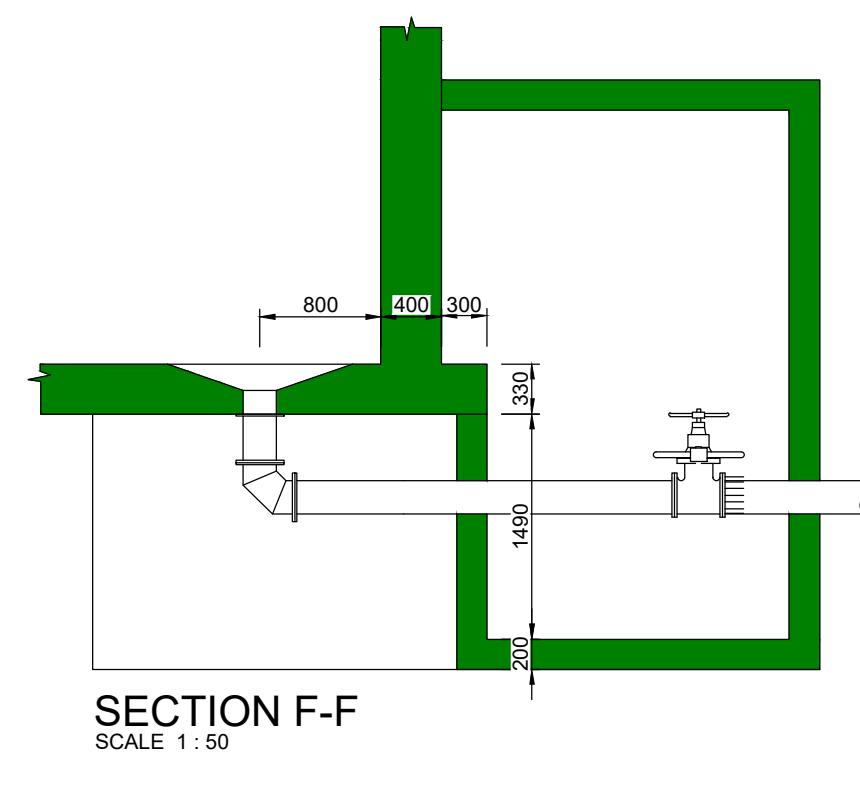
SECTION C-C
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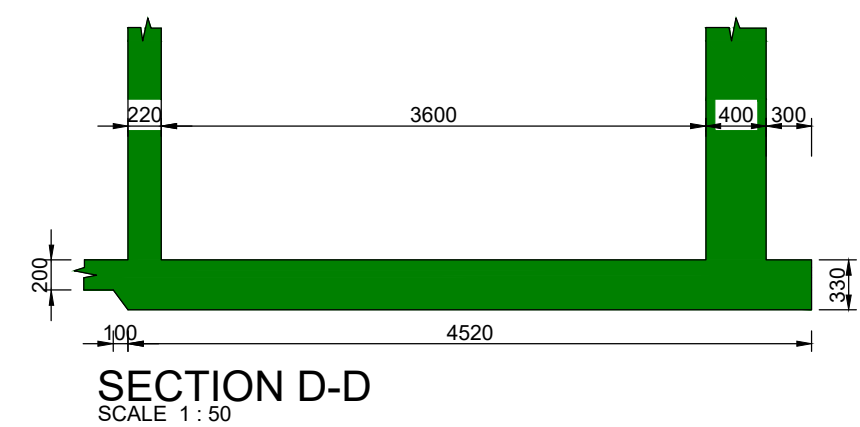
SECTION E-E
SCALE 1 : 50



SECTION G-G
SCALE 1 : 50



SECTION F-F
SCALE 1 : 50



SECTION D-D
SCALE 1 : 50

CONSTRUCTION DRAWING

REF. TO STRUCTURAL DWG. NO.
34905-STR-5-1 TO 5-4
34905-STR-320 & 370

ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR BEFORE COMMENCING ANY WORK.

THE COPYRIGHT IN THIS DRAWING, INCLUDING THE DESIGN AND DETAILS SHOWN HEREON, IS RESERVED BY THE ENGINEERS.

NOTE:
ALL NEW CONCRETE STRUCTURES TO BE 35/19 MPa REINFORCED CONCRETE

NOTES:
ANY ERRORS, DIMENSIONS OR DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER.
TOLERANCES SHALL BE DEGREE OF ACCURACY II UNLESS OTHERWISE SPECIFIED.
ALL OVER - EXCAVATION SHALL BE MADE GOOD USING MASS CONCRETE FOR THE CONTRACTOR'S ACCOUNT.
CONCRETE
NO-FINES CONCRETE, WHERE STRUCTURAL CONCRETE IS TO BE PLACED ON TOP, SHALL BE FINISHED WITH A SKIMMED COAT OF MORTAR TO LIMIT BLEEDING OF STRUCTURAL CONCRETE AND OR BLINDING OF THE NO-FINE LAYER.
ALL EXPOSED CORNERS SHALL BE CHAMFERED 25mm x 25mm.
BLINDING SHALL BE OF CLASS 15/19 mm.
MASS CONCRETE SHALL BE OF CLASS 15/19 mm.
STRUCTURAL CONCRETE SHALL BE OF CLASS 35/19 mm.
ALL EXPOSED FORMED CONCRETE SURFACES SHALL BE SMOOTH OFF SHUTTER FINISH.
ALL SURFACES EXPOSED TO WATER SHALL BE STEEL TROWELED FINISHED. WALKWAY AND TOP OF WALLS SHALL BE WOOD FLOAT FINISH.
REINFORCEMENT
CONCRETE COVER TO REINFORCEMENT TO BE MINIMUM 40mm. COVER TO REINFORCEMENT WHERE CONCRETE IS CAST AGAINST SOIL SHALL BE AT LEAST 75mm.
WELDING, HEATING TREATMENT AND GAS CUTTING OF REINFORCEMENT SHALL NOT BE PERMITTED.

0 M.S 09/23 ISSUED FOR CONSTRUCTION

Rev By Date Revision Details

CONSULTANT

DESIGNED	S. MKHATSHWA	NOV 2022
CHECKED	W.DE.LANGE	NOV 2022
DRAWN	S. MKHATSHWA	NOV 2022
CHECKED	W.DE.LANGE	NOV 2022

CLIENT



CLIENT APPROVED DATE

bvi ENGINEERING CONSULTANTS
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5205

CONSULTANT SIGNATURE DATE

PROJECT TITLE

NOMLACU WTW
UPGRADES & EXTENSIONS

DRAWING TITLE

1000KL RESERVOIR GENERAL
LAYOUT & SECTIONS

SCALE: AS SHOWN

DRAWING NO. 34905-CIV-4-2 REV. 0