



CONSTRUCTION DRAWING

REF. TO STRUCTURAL DWG. NO. 34905-STR-310, 360 & 361

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

Rev.	By	Date	Revision Details
0	M.S.	09/23	ISSUED FOR CONSTRUCTION

CONSULTANT		
DESIGNED	M. STEYN	NOV 2022
CHECKED	W.DE LANGE	NOV 2022
DRAWN	J.A. JONKER	NOV 2022
CHECKED	W.DE LANGE	NOV 2022

CLIENT

ALFRED NZO
Department: Water Affairs
REPUBLIC OF SOUTH AFRICA

CLIENT APPROVED _____ DATE _____

P.O. BOX 11015
SOUTHERNWOOD
EAST LONDON
5213
56 BONZA BAY ROAD
BEACON BAY NORTH
EAST LONDON
5205
TEL: (043) 743 7660/722 2738
FAX: (043) 743 7698
E-MAIL: ebs@bvj.co.za

CONSULTANT SIGNATURE _____ DATE _____

PROJECT TITLE
NOMLACU WTW UPGRADES & EXTENSIONS

DRAWING TITLE
SAND FILTER ACCESS MANHOLE PIPEWORK

SCALE: AS SHOWN

DRAWING NO. 34905-CIV-3-7 REV. 0