



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

0 M.S. 09/23 ISSUED FOR CONSTRUCTION

Rev. By Date Revision Details

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



CLIENT APPROVED DATE

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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