



Engineer:

KEON CONSULTING ENGINEERS

TECHNO DESIGNS

34 Dang Street Glen Austin
Midrand
TELEPHONE (011) 045 2532
CELL (072) 301 8811
EMAIL engineer@technodesigns.co.za
OFFICES JOHANNESBURG
WEBSITE www.technodesigns.co.za

Client:

Johannesburg Water

Turfontein Hall,
62 Mami Pula Street,
Newtown, Johannesburg

THESE NOTES SERVE AS AN ADDENDUM TO THE SPECIFICATION IN THE BILL OF QUANTITIES (BOQ), IN THOSE CASES WHERE THE BOQ SPECIFICATIONS DIFFER FROM THESE NOTES, THESE NOTES SHALL TAKE PREFERENCE ON ORIGINAL.

Engineer: G. Kucherera Pr Eng (20110431)

Drawn By: A. Mashanyare
Designed By: A. Mashanyare
Checked By: G. Kucherera

Signature: _____
Date: September 2022

GENERAL NOTES:

1.1 REFER DRAWING NUMBER C01486-SC03 FOR CONCRETE LAYOUT.

1.2 REFER BENDING SCHEDULE NUMBER C01486-SR04-BS01-02 FOR REINF. CUTTING AND BENDING.

1.3 ABBREVIATIONS:
B1..... BOTTOM LAYER
B2..... TOP OF BOTTOM LAYER
T1..... TOP LAYER
T2..... BOTTOM OF TOP LAYER
NF..... NEAR FACE
FF..... FAR FACE
EF..... EACH FACE
EW..... EACH WAY
AS..... ALTERNATELY STAGGERED
AP..... ALTERNATELY PLACED
ABR..... ALTERNATE BAR REVERSED
UB..... U- BAR

1.4 CONCRETE COVER TO REINFORCEMENT
BASES = 50mm ALL ROUND
SUSPENDED BEAMS = 50mm ALL ROUND
GROUND BEAMS = 50mm ALL ROUND
COLUMNS = 40mm ALL ROUND
SLAB = 50mm ALL ROUND
STRIP FOOTING = 50mm ALL ROUND
TANK WALL = 50mm ALL ROUND

1.5 MINIMUM LAP LENGTH = 75xBAR DIAMETER

1.6 MINIMUM LAP LENGTH FOR MESH = 300mm

1.7 REINFORCEMENT GRADE
-HIGH YIELD BARS (DENOTED AS 'Y')
YIELD STRENGTH = 480N/mm2
-MILD STEEL BARS (DENOTED AS 'R')
YIELD STRENGTH = 250N/mm2
-MESH YIELD STRENGTH = 480N/mm2

Refer To Drawing No:

Key Plan:

TO	14-09-2023	ISSUED FOR TENDER	GK	GK
No	Date	Details	Chd Appd	Revisions

Project: JW14406 - LINBRO PARK TOWER (WITH ASSOCIATED WORKS)

Description: 3.0ML WATER TOWER: TANK FLOOR BEAMS

Issued For: TENDER

Size: A1	Scale: AS SHOWN	Sheet No: 1 OF 1	Original Date: OCTOBER 2022
----------	-----------------	------------------	-----------------------------

Project No: C01486	Drawing No: SR-04	Revision: T0
--------------------	-------------------	--------------