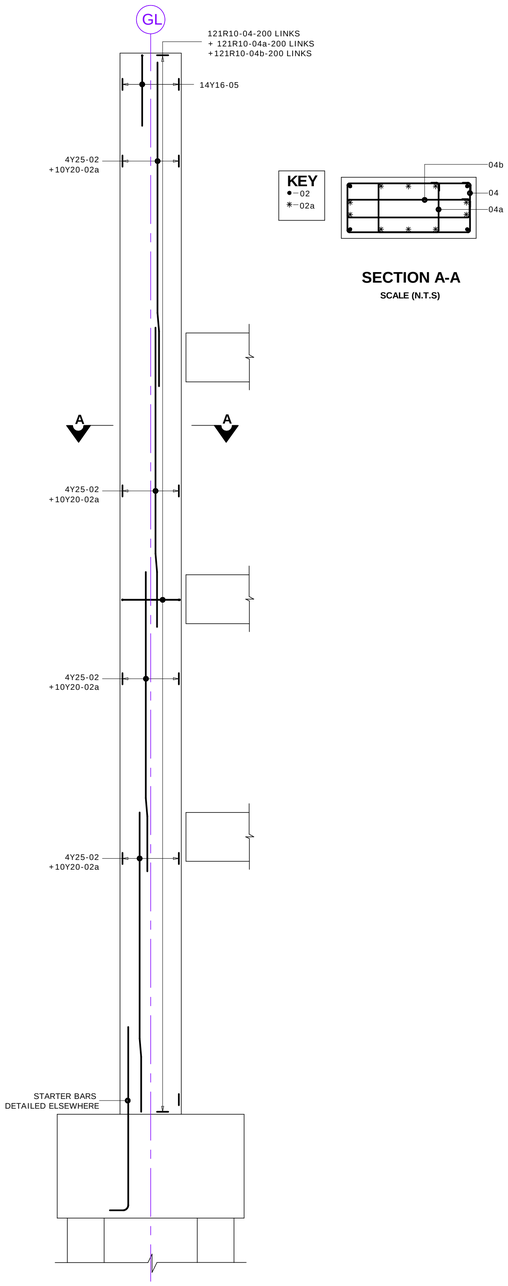

COLUMN C01
600x1000
(12 No.)
SCALE (N.T.S)

KEY
●—02
✳—02a

SECTION A-A
SCALE (N.T.S)

Engineer:

KEON CONSULTING ENGINEERS
TECHNO DESIGNS
Civil Structural & Transport Engineers
JV

TECHNO DESIGNS ENGINEERING
3d Dane Street Glen Austin Midrand
TELEPHONE (011) 045 2532
CELL (072) 301 8811
EMAIL engineer@technodesigns.co.za
OFFICES JOHANNESBURG
WEBSITE www.technodesigns.co.za

KEON CONSULTING ENGINEERS
5th Avenue Office Park, 64b 5th avenue Newton Port Elizabeth
TELEPHONE +27 413630189
WEBSITE www.keon.co.za

Client:

Johannesburg Water

JOHANNESBURG WATER
Turbine Hall,
65 Ntemi Piliso 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

0 5 10 15 20 25 30 40 50MM

Engineer:

G. Kucherera Pr Eng (20110431)

Drawn By:	Designed By:	Checked By:
A. Moodley	E. Savanhu	G. Kucherera
Signature:	Signture:	Signture:
Date: September 2022	Date: September 2022	Date: September 2022

GENERAL NOTES:

1.1 REFER DRAWING NUMBER J139/S-SCD-A-001 FOR CONCRETE LAYOUT.

1.2 REFER BENDING SCHEDULE NUMBER J139/S-SCD-A-SR01/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 = 30mm ALL ROUND
GROUND BEAMS = 50mm ALL ROUND
COLUMNS = 40mm ALL ROUND
SLAB = 30mm ALL ROUND
STRIP FOOTING = 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 = 450N/mm2
-MILD STEEL BARS (DENOTED AS "R")
YIELD STRENGTH = 250N/mm2
-MESH YIELD STRENGTH = 485N/mm2

Refer To Drawing No:

Key Plan:

No	Date	Details	Chd	Appd
T0	14-09-2023	ISSUED FOR TENDER	GK	GK

Revisions

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

Description:
3.0ML WATER TOWER: COLUMNS

Issued For: TENDER

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

Project No:	Drawing No:	Revision:
C01486	SR-02	T0