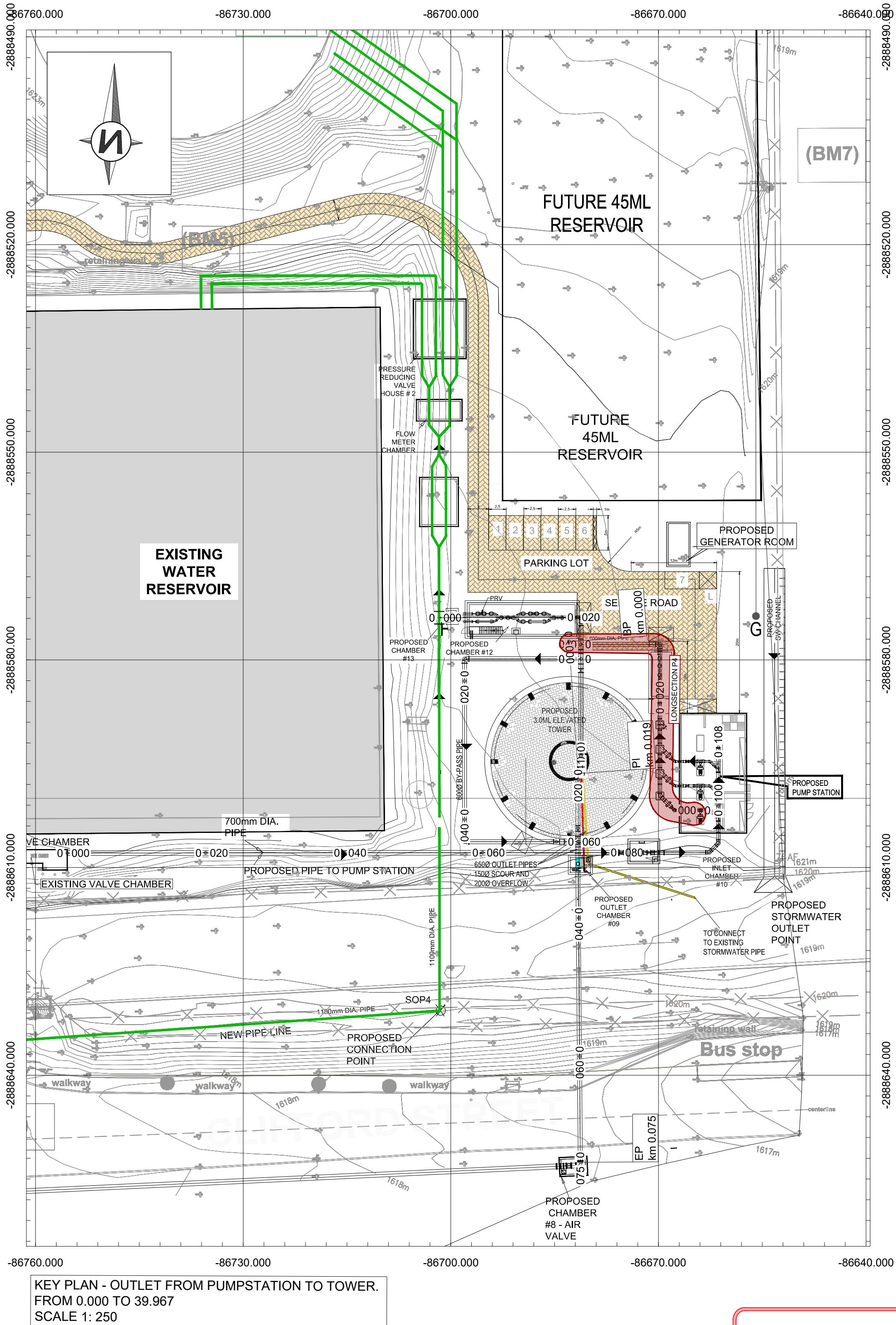


SCALES:
Horizontal 1:250
Vertical 1:50
DATUM 1615.000

HYDRAULIC GRADE (m amsl)	1652	1651.75	1651.5	1651.25	1651
CHAINAGE	0	10	20	30	40
GROUND LEVEL (m amsl)	1621.004	1620.7	1620.877	1620.870	1620.866
INVERT LEVEL (m)	1616.000	1622.154	1622.154	1622.154	1622.133
TRENCH DEPTH (m)	5.994	1.166	1.277	1.374	1.267
STEADY-STATE HEAD (m)	47.29	38.00	28.70	19.41	10.12
AVERAGE FLOW (l/s)	555.6				
PEAK FLOW (l/s)	N/A				
VELOCITY (m/s)	2.028				
PIPE DETAILS	600mm DIA. STEEL PIPE				
GRADIENT (m/km)	90° 19' 33" 134° 59' 27" 179° 57' 14" 89° 59' 55"				

LONGSECTION P4 -
OUTLET FROM PUMPSTATION TO TOWER.
FROM 0.000 TO 39.967



ISSUED FOR
TENDER

Engineer:

KEON
CONSULTING ENGINEERS
TECHNO
DESIGNS
Civil Structural & Transport Engineers

TECHNO DESIGNS
ENGINEERING
34 Dore Street PS09en Austin
Midrand
CELL (072) 301 8811
EMAIL: engineer@technodesigns.co.za
OFFICES JOHANNESBURG
WEBSITE: www.technodesigns.co.za

KEON CONSULTING
ENGINEERS
5th Avenue Office Park,
640 5th Avenue Newton
Port Elizabeth
TELEPHONE +27 413630189
WEBSITE: www.keon.co.za

Client:

JOHANNESBURG WATER
Turbine Hall,
16 Nanni Place 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 PRECEDENCE.

ON ORIGINAL

0 5 10 15 20 30 40 50MM

Engineer:
T. CHONGO Pr Eng (201400010)

Drawn By: T. POOPEDI	Designed By: T. CHONGO	Checked By: T. CHONGO
Signature:	Signature:	Signature:
Date: AUGUST 2023	Date: AUGUST 2023	Date: AUGUST 2023

GENERAL NOTES:

ALL LEVELS TO BE CONFIRMED ON SITE.

1.1 THIS DRAWING MUST BE READ IN CONJUNCTION WITH RELEVANT ENGINEERING DRAWINGS.

1.2 DO NOT SCALE THIS DRAWING. USE ONLY CALCULATED AND WRITTEN DIMENSIONS.

1.3 ALL EXCAVATIONS SHOULD BE INSPECTED AND APPROVED BY THE ENGINEER ON SITE.

1.4 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

Refer to Drawing No:

Key Plan:

No	Date	Details	Chd	Appd
		Revisions		

Project:

JW14406 LINBRO PUMP STATION

Description:

LONGSECTION P4 -
OUTLET FROM PUMPSTATION TO TOWER.
FROM 0.000 TO 39.967

Issued For:

TENDER

Size:	Scale:	Sheet No:	Original Date:
A1	As Shown	2 OF 6	AUGUST 2023

Project No:	Drawing No:	Revision:
C01486	PS09	T0