



PLAN VIEW
1 : 50

DRAWING NUMBER
P08959-M-DT-001-01

REV
C

CONSULTANT
ixengineers
Infrastructure Excellence
Hillside Offices | 277 The Hillside Street |
Menlo Park | Pretoria | South Africa
Tel: +27(0) 12 745 2000 | Fax: +27(0) 12 745 2001
www.ixengineers.co.za

CONSULTING ENGINEER
SIGNATURE _____ PR No _____ DATE **10/09/24**

DESIGNED	DRAWN	CHECKED
B VAN SCHOOR	B VAN SCHOOR	A DE WET

REVISION SCHEDULE

No	DATE	DESCRIPTION	BvS	AdW
C	10/09/24	FOR TENDER	BvS	AdW
B	24/07/24	FOR TENDER	BvS	AdW
A	15/07/24	FOR REVIEW	BvS	AdW
No	DATE	DESCRIPTION	DRW	CHK

FOR TENDER

SCALE FOR REDUCED PLAN
50mm ON ORIGINAL PLAN

ixengineers retains the copyright in all intellectual property, including designs and/or documents prepared in terms of this appointment for the project covered by the appointment. The client may use the designs and/or documents for the sole purpose of their intended use on this project only subject to payment for the design having been received. Use for any other purpose, whether or not the design and/or documents have been paid for constitutes an infringement of copyright, and all rights are reserved.

All dimensions must be verified on site before the works commence. Refer any discrepancies to the Engineer.
Copyright reserved

- NOTES**
- DIMENSIONS OF EXISTING STRUCTURE ARE AS PER EMPLOYER AS-BUILT DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS AND LEVELS ON SITE PRIOR TO ANY SHOP DRAWINGS OR WORK IS UNDERTAKEN.
 - ALL PIPEWORK, FITTINGS, ACCESSORIES, AND MECHANICAL EQUIPMENT TO BE INSPECTED FOR REFURBISHMENT. SHOULD REFURBISHMENT BE FEASIBLE, ITEM SHOULD BE REFURBISHED. IF REFURBISHMENT IS NOT POSSIBLE, ITEM TO BE REPLACED AS PER SPECIFICATION.
 - ALL PIPEWORK DIMENSIONS PROVIDED ARE INDICATIVE. ACTUAL DIMENSIONS ON SITE TO BE CONFIRMED BEFORE ANY MANUFACTURING.
 - ANY CONCRETE PLINTH NOT TO BE USED IS TO BE DEMOLISHED.
 - ALL PIPEWORK, EQUIPMENT, FITTINGS AND ACCESSORIES NOT USED IS TO BE REMOVED AND TRANSPORTED TO EWS STORE, UNLESS OTHERWISE AGREED.
 - THE CONTRACTOR IS TO PRODUCE DETAILED SHOP DRAWINGS FOR ENGINEER'S APPROVAL.
 - SHOWN PIPEWORK IS INDICATIVE. WITH ALL PIPEWORK TO BE VERIFIED UPON CONFIRMATION OF PUMP AND VALVE SUPPLIERS.
 - NOTE: THE PUMP STATION IS TO REMAIN OPERATIONAL AS NEGOTIATED WITH eTHEKWINI MUNICIPALITY FOR THE DURATION OF THE CONSTRUCTION PERIOD.

CLIENT
WATER AND SANITATION
ETHEKWINI MUNICIPALITY

SANITATION OPERATIONS: MECHANICAL AND ELECTRICAL BRANCH
CONTRACT NO. **30661-5W**

PROJECT TITLE
SOUTHERN WASTEWATER TREATMENT WORKS: ELECTRO-MECHANICAL UPGRADES

DRAWING TITLE
LOW-LEVEL PUMP STATION MECHANICAL LAYOUT

PROJECT MANAGER & M&E ENG. R. Kandhai
MECHANICAL ENGINEER: B. Coles
WORKS PROJECT MANAGER: A. Pillay
DEPUTY HEAD: SANITATION OPS: S. Vilane
HEAD: WATER AND SANITATION: E. Msweli

SCALE: AS SHOWN DATE: 2024/09/10
DRAWING NUMBER SHEET REV
30661-5W/ PS/M/010 01 C