



NOTES

- LAYOUT PLAN PRODUCED ON THE BASIS OF PROFESSIONAL LAND SURVEYORS AS-BUILT SURVEY, APRIL 2023. (ARROW SURVEYS PTY LTD) AND V3 CONSULTING ENGINEERS AS-BUILT SURVEY 2023. THE CONTRACTOR SHALL HOWEVER VERIFY ALL DIMENSIONS OF EXISTING STRUCTURES WITH THOSE INDICATED ON CONSTRUCTION DRAWINGS PRIOR TO ORDERING OF RESPONSE FITTINGS AND SEEK CLARIFICATION FROM THE CONSULTING ENGINEER WHERE NECESSARY.
- THIS DRAWING TO BE READ WITH ALL RELEVANT CIVIL ENGINEERING DRAWINGS.
- THIS DRAWING TO BE READ WITH ALL RELEVANT MECHANICAL, ELECTRICAL AND ELECTRONIC ENGINEERING DRAWINGS.
- FOR CABLE DUCTS: TAKE NOTE OF CIVIL DRAWINGS  
A) 1000001-0425 FOR CABLE DUCT & DRAW-PIT DETAIL.
- CABLE DUCT LENGTHS ARE APPROXIMATE. ALL LENGTHS TO BE CONFIRMED BY CONTRACTOR ON SITE FOLLOWING SETTING OUT OF WORKS & DRAW-PIT CHAMBERS.
- CONTRACTOR TO UNDERTAKE INVESTIGATIONS TO DETERMINE ROUTE AND CONDITION OF EX CABLE DUCTS NEAR CLARIFIER STRUCTURE AS DESCRIBED IN SCOPE OF WORK.

LEGEND:

REPLACEMENT FENCE TYPE 1  
(SEE DWG 1000001-0390 FOR DETAIL)

PROPOSED GATE

CABLE DRAW-PIT: DP-XX

LEGEND:

BOD: BILL OF QUANTITIES (SEE CONTRACT DOCUMENTS)

CE: CIVIL ENGINEERING

E: ELECTRICAL DUCT ON THIS DRAWING

DP-XX: DRAW-PIT XX

M: MECHANICAL

MIX: MIXER

MEDIA: MESH ELECTRICAL INSTRUMENTATION CONTROL & AUTOMATION

SA-XX: SURFACE AERATOR

T: TELEMETRY DUCT ON THIS DRAWING

Tc: TOP OF CONCRETE (NEW)

Tc (EX): TOP OF CONCRETE (EXISTING)

PFL: FINISHED FLOOR LEVEL (NEW)

LOCAL MUNICIPALITY: MAP

SPONSOR & REGULATOR: DWS

ISSUE FOR MUNICIPAL APPROVAL

0 100 MILLIMETRES ON ORIGINAL DRAWING 100

BEFORE CONTRACT COMMENCES

AFTER CONSTRUCTION CONTRACT HAS COMMENCED

N:	DATE:	AMENDMENTS:
A	2024-09-09	DETAIL DESIGN (ISSUE FOR LM APPROVAL)

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CLIENT / IMPLEMENTING AGENT

**vaal central water**  
naturally

**V3 CONSULTING ENGINEERS**

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CESA

PROJECT

TSHAME WWTW REFURBISHMENT

VCWB CONTRACT: BW298/TSHWWTW/22

DRAWING DESCRIPTION

CENTRAL WORKS LAYOUT: PROPOSED ELECTRICAL & SIGNAL CABLE DUCTS (SHEET 2)

DRAWING NO.	10909001 - 0422	REVISION	A
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DESIGNED:	GM	CHECKED:	GM
DRAWN:	HP	SCALE:	1:250 A0
APPROVED:	ECOA PR ENG No: 201704	INCEPTION DATE:	2024-02-10
FILE PATH:	"D:\REPORTS\2024\REPORTS\10909001 TSHAME WWTW / G2 CONCEPT / G4 DRAW		