



**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 BESPOKE 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) 10909001-0165 FOR SITE LAYOUT DESCRIPTIONS  
B) 10909001-0166 FOR GEOMETRY (DIMENSIONS)  
C) 10909001-0425 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.

**LEGEND:**

REPLACEMENT FENCE TYPE 1  
SEE DWO 10909001-0590 FOR DETAIL

PROPOSED GATE

CABLE DRAW-PIT DP-XX

**LEGEND:**

BOQ: BILL OF QUANTITIES (SEE CONTRACT DOCUMENTS)  
CE: CIVIL ENGINEERING  
E: ELECTRICAL DUCT ON THIS DRAWING  
DP-XX: DRAW-PT XX  
ME: MECHANICAL  
MEICA: MECH ELECTRICAL INSTRUMENTATION CONTROL & AUTOMATION  
T: TELEMETRY (DUCT ON THIS DRAWING)  
T/C: TOP OF CONCRETE (EXIST)  
T/C (EX): TOP OF CONCRETE (EXISTING)  
FFL: FINISHED FLOOR LEVEL (NEW)

LOCAL MUNICIPALITY: MAP

SPONSOR & REGULATOR: DWS

**ISSUE FOR MUNICIPAL APPROVAL**

0 100 MILLIMETRES ON ORIGINAL DRAWING 100

100 MILLIMETRES ON ORIGINAL DRAWING

Ⓐ BEFORE CONTRACT COMMENCES  
Ⓐ AFTER CONSTRUCTION CONTRACT HAS COMMENCED

N: DATE: AMENDMENTS  
Ⓐ 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/TSHIWWTW/22

DRAWING DESCRIPTION  
INLET WORKS LAYOUT: PROPOSED ELECTRICAL & SIGNAL CABLE DUCTS

DRAWING NO.  
10909001 - 0421

REVISION  
Ⓐ

DESIGNED:	GM	CHECKED:	GM
DRAWN:	HP	SCALE:	A0
APPROVED:	ECDA PRS ENG No: 2017024	INCEPTION DATE:	2024-02-10
FILE PATH:	"00000001" TSS/SAFE: WWTW / G2 CONCEPT / 04 DRAW		