



**NOTES**

- LAYOUT PLAN PRODUCED ON THE BASIS OF PROFESSIONAL LAND SURVEYORS AS-BUILT SURVEY, APRIL 2023 (ARROW SURVEYS PTY LTD).
- THIS DRAWING TO BE READ WITH THE BILL OF QUANTITIES AND CIVIL DRAWINGS
- REMEDIAL WORK INCLUDE (WHERE AND AS INDICATED) ONE OR ALL OF THE FOLLOWING:
  - REMOVE DEBRIS FROM MANHOLE INTERIOR
  - REPLACEMENT OR REFURBISHMENT OF SLUICE VALVES
  - INSTALLATION AND/OR SECURING OF COVER LID
  - INSTALLATION OF MANTIS COVER GRATING
  - CHANGE OF CHAMBER MANHOLE INVERT LEVEL (MANHOLE E-MH6 AND E-MH7)
- THE CONTRACTOR SHALL UNDERTAKE SIMPLE CONTINUITY TESTING OF EXISTING SERVICES BETWEEN EXISTING MANHOLES TO PROVE CONTINUITY AND CHECK FOR OBSTRUCTIONS. THE ENGINEER SHALL BE INFORMED OF RESULTS AND ALL VARIANCES FROM THESE DRAWINGS, BUCKET AND WATER AND/OR LIGHT AND MIRROR TEST)

**LEGEND**

E-MH# : EXISTING SEWER MANHOLE  
M-H# : NEW SEWER MANHOLE

LOCAL MUNICIPALITY: MAP  
SPONSOR & REGULATOR: DWS

**FOR TENDER**

0 100  
100 MILLIMETRES ON ORIGINAL DRAWING

(A) BEFORE CONTRACT COMMENCES  
(B) AFTER CONSTRUCTION CONTRACT HAS COMMENCED

Nr.	DATE	AMENDMENTS
(1)	2025/02/19	ISSUED FOR TENDER

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CLIENT / IMPLEMENTING AGENT

**vaal central water**.naturally

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PROJECT  
TSHAME WWTW REFURBISHMENT  
VCW CONTRACT: BW298/TSHIWWTW/22

DRAWING DESCRIPTION  
EXISTING MANHOLES & REMEDIAL WORKS - POINT SKETCHES SHEET 1 OF 3

DRAWING NO.  
10909001 - 0115

REVISION  
(1)

DESIGNED:	VCE, V3	CHECKED:	ECESA PR ENG No: 20170204	GM
DRAWN:	HP	SCALE:	1:1000	AD
APPROVED:	ECESA PR ENG No: 20170204	INCEPTION DATE:	2024-07-05	
FILE PATH:	SHAREPOINT/BL00MPONTEN/10909001 TSHAME WWTW/04			

ISSUED FOR TENDER