

Johannesburg Water (SOC) Ltd



**VOLUME 3
DRAWINGS**

JW 14455

DIEPSLOOT SEWAGE AQUEDUCT

Date: January 2025



Employer:		Contractor:	
Witness:		Witness:	

LIST OF DRAWINGS	
DRAWING NUMBER:	DESCRIPTION:
CIVILS	
13247-02/C/SEW/314-A	TYPICAL JW NAMEBOARD DRAWING
BRIDGE 1:	
13247-02/C/SEW/300-D	PLAN AND PROFILE: SEWER DIVERSION PIPELINE
13247-02/C/SEW/310-A	BRIDGE 1 SITE PLAN: SEWER PIPELINE BRIDGE
BRIDGE 2:	
13247-02/C/SEW/301-5	PLAN AND PROFILE: SEWER DIVERSION PIPELINE
13247-02/C/SEW/305-3	PIPE JACKING DETAIL
13247-02/C/SEW/311-3	BRIDGE 2 SITE PLAN: SEWER PIPELINE BRIDGE
BRIDGE 3:	
13247-02/C/SEW/302-D	PLAN AND PROFILE: SEWER DIVERSION PIPELINE
13247-02/C/SEW/312-A	BRIDGE 3 SITE PLAN: SEWER PIPELINE BRIDGE
COMMON TO BRIDGES 1, 2 & 3:	
13247-02/C/SEW/304-2	PIPE REPAIR TYPICAL DETAILS
13247-02/C/SEW/306-2	DIVERSION/RE-ENTRY TYPICAL CHAMBER DETAILS
13247-02/C/SEW/307-2	TYPICAL PIPE BEDDING
13247-02/C/SEW/308-2	SCOUR CHAMBER DETAILS
13247-02/C/SEW/309-2	TEMPORARY MANHOLE RAISING, FIELD INLET, GRID INLET, MANHOLE & THRUST BLOCK DETAILS.
STRUCTURES	
BRIDGE 1:	
13247-02/S/001/A	GENERAL ARRANGEMENT (1 OF 2)
13247-02/S/002/A	GENERAL ARRANGEMENT (2 OF 2)
13247-02/S/003/A	SECTIONS AND DETAILS
13247-02/S/004/A	DETAILS
13247-02/S/R/001/A	FOUNDATION AND PIERS REBAR DETAIL
13247-02/S/R/002/A	DECK 1&7 REBAR DETAIL
13247-02/S/R/003/A	DECK 2,3,4,5,6 REBAR DETAIL
13247-02/S/017/A	RE-ENTRY CHAMBER SLAB AND CONCRETE ANCHOR DETAILS
13247-02/S/020/A	RE-ENTRY CHAMBER SLAB REBAR

BRIDGE 2:	
13247-02/S/013/A	GENERAL ARRANGEMENT
13247-02/S/014/A	SECTIONS AND DETAILS
13247-02/S/015/A	DETAILS
13247-02/S/R018/A	FOUNDATION AND ABUTMENT 2, END WALL AND DECK 1 REBAR DETAILS
13247-02/S/R019/A	DECK 2 REBAR DETAIL



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13247-02/S/R020/A	DECK 3 REBAR DETAIL
13247-02/S/R021/A	DECK 4 AND PIPE SUPPORT REBAR DETAIL
13247-02/S/018/A	PLATFORM, CAT LADDERS, BALUSTRADE AND CONCRETE ANCHOR DETAILS
BRIDGE 3:	
13247-02/S/008/A	GENERAL ARRANGEMENT (1 OF 2)
13247-02/S/009/A	GENERAL ARRANGEMENT (2 OF 2)
13247-02/S/010/A	SECTIONS AND DETAILS
13247-02/S/011/A	DETAILS
13247-02/S/R013/A	FOUNDATION AND PIERS REBAR DETAIL
13247-02/S/R014/A	DECK 1&6 REBAR DETAIL
13247-02/S/R015/A	DECK 2,3,4,5 REBAR DETAIL
13247-02/S/019/A	PLATFORM, CAT LADDERS, BOUNDARY WALL AND CONCRETE ANCHOR DETAILS
13247-02/S/025/A	BOUNDARY WALL PLAN AND PROFILE
13247-02/S/026/A	BOUNDARY WALL PLAN, PROFILE AND DETAILS
13247-02/S/027/A	BOUNDARY WALL DETAILS
ELECTRICAL	
13247-02/E/ELEC/700/E	BRIDGE 2: TYPICAL GUARDHOUSE LAYOUT-SLEEVES, POWER AND LIGHTING LAYOUTS
13247-02/E/ELEC/701/C	BRIDGE 1: ELECTRICAL INSTALLATION-LIGHTING LAYOUT
13247-02/E/ELEC/702/E	BRIDGE 2: ELECTRICAL INSTALLATION-LIGHTING LAYOUT
13247-02/E/ELEC/703/E	BRIDGE 2: ELECTRICAL INSTALLATION-SLEEVES DETAILS
13247-02/E/ELEC/704/C	BRIDGE 2: MV OVERHEAD RETICULATION LAYOUT (1 OF 3)
13247-02/E/ELEC/705/C	BRIDGE 2: MV OVERHEAD RETICULATION LAYOUT (2 OF 3)
13247-02/E/ELEC/706/C	BRIDGE 2: MV OVERHEAD RETICULATION LAYOUT (3 OF 3)
13247-02/E/ELEC/707-D	ELECTRICAL INSTALLATION-SITE RETICULATION LAYOUT (1 OF 5)
13247-02/E/ELEC/708-D	ELECTRICAL INSTALLATION-SITE RETICULATION LAYOUT (2 OF 5)
13247-02/E/ELEC/709-D	ELECTRICAL INSTALLATION-SITE RETICULATION LAYOUT (3 OF 5)
13247-02/E/ELEC/710-D	ELECTRICAL INSTALLATION-SITE RETICULATION LAYOUT (4 OF 5)
13247-02/E/ELEC/711-D	ELECTRICAL INSTALLATION-SITE RETICULATION LAYOUT (5 OF 5)
13247-02/E/ELEC/712	MAIN KIOSK, DB-GH AND EK-2 SINGLE LINE DIAGRAMS



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Witness:		Witness:	