OLIFANTSVLEI WASTEWATER TREATMENT WORKS

INFRASTRUCTURE RENEWAL PLAN

CONTRACT 1

DRAWING LIST:

GENERAL:

DRAWING NUMBER	*DRAWING TITLE*
BW1400-RHD-C1-99-D-C-9901	COVER PAGE
BW1400-RHD-C1-99-D-C-9902	DRAWING REGISTER

CIVIL:

DRAWING NUMBER	*DRAWING TITLE*
BW1400-RHD-C1-00-D-C-0001	GENERAL SITE LAYOUT
BW1400-RHD-C1-01-D-C-0101	VAN WYKSRUST PUMP STATION - SITE LAYOUT
BW1400-RHD-C1-01-D-C-0102	VAN WYKSRUST PUMP STATION - SITE LAYOUT ISOMETRIC
BW1400-RHD-C1-01-D-C-0103	VAN WYKSRUST PUMP STATION - STORMWATER TERRACING
BW1400-RHD-C1-02-D-C-0201	VAN WYKSRUST PUMP STATION - GENERAL LAYOUT & SECTIONS
BW1400-RHD-C1-02-D-C-0202	VAN WYKSRUST PUMP STATION - DOOR AND WINDOW SCHEDULE
BW1400-RHD-C1-02-D-C-0203	VAN WYKSRUST PUMP STATION - SKIP TRUCK LAYOUT
BW1400-RHD-C1-02-D-C-0204	VAN WYKSRUST PUMP STATION - UNDERGROUND DRAINAGE
BW1400-RHD-C1-03-D-C-0301	VAN WYKSRUST PUMP STATION - SPLITTER BOX LAYOUT, SECTIONS, DETAILS & EARTHWORKS
BW1400-RHD-C1-03-D-C-0302	VAN WYKSRUST PUMP STATION - BYPASS CHAMBER LAYOUT, SECTIONS, DETAILS & EARTHWORKS
BW1400-RHD-C1-03-D-C-0303	VAN WYKSRUST PUMP STATION - BYPASS MANHOLE & SUMP LAYOUT, SECTIONS, DETAILS & EARTHWORKS
BW1400-RHD-C1-04-D-C-0401	VAN WYKSRUST PUMP STATION - GENERATOR SLAB LAYOUT, SECTIONS, DETAILS & EARTHWORKS
BW1400-RHD-C1-05-D-C-0501	VAN WYKSRUST PUMP STATION - ELEVATED GUARD HOUSE LAYOUT, SECTIONS, DETAILS & EARTHWORKS
BW1400-RHD-C1-06-D-C-0601	VAN WYKSRUST PUMP STATION - PERIMETER WALL DETAIL
BW1400-RHD-C1-06-D-C-0602	VAN WYKSRUST PUMP STATION - PERIMETER WALL SECTIONS
BW1400-RHD-C1-07-D-C-0701	SUBSTATION C - LAYOUT, SECTIONS & DETAILS
BW1400-RHD-C1-08-D-C-0801	EXISTING VAN WYKSRUST RISING MAINS - SCHEMATIC LAYOUT AND DETAILS
BW1400-RHD-C1-09-D-C-0901	VAN WYKSRUST PUMP STATION - SCREENING LAYOUT, SECTIONS, DETAILS & EARTHWORKS
BW1400-RHD-C1-10-D-C-1001	VAN WYKSRUST PUMP STATION - CONCRETE DOOR SLAB LAYOUT, SECTION, DETAILS & EARTHWORKS
BW1400-RHD-C1-11-D-C-1101	SIGN BOARD - GENERAL ARRANGEMENT
BW1400-RHD-C1-11-D-C-1102	SIGN BOARD - DETAILS
BW1400-RHD-C1-11-D-C-1201	VAN WYKSRUST PUMP STATION AND SUBSTATION C - TYPICAL PAVEMENT DETAILS

STRUCTURAL:

DRAWING NUMBER	*DRAWING TITLE*
BW1400-RHD-C1-03-D-S-0321	VAN WYKSRUST PUMP STATION - SPLITTER BOX REINFORCEMENT
BW1400-RHD-C1-03-D-S-0324	VAN WYKSRUST PUMP STATION - BYPASS CHAMBER REINFORCEMENT
BW1400-RHD-C1-03-D-S-0326	VAN WYKSRUST PUMP STATION - BYPASS MANHOLE AND SUMP REINFORCEMENT
BW1400-RHD-C1-04-D-S-0421	VAN WYKSRUST PUMP STATION - GENERATOR SLAB REINFORCEMENT
BW1400-RHD-C1-05-D-S-0521	VAN WYKSRUST PUMP STATION - ELEVATED GUARD HOUSE SLAB REINFORCEMENT
BW1400-RHD-C1-09-D-S-0921	VAN WYKSRUST PUMP STATION - SCREENINGS FACILITY SLAB REINFORCEMENT

MECHANICAL:

DRAWING NUMBER	*DRAWING TITLE*
BW1400-RHD-C1-01-D-M-0141	VAN WYKSRUST PUMP STATION - SCREENINGS CHANNEL MECHANICAL LAYOUT
BW1400-RHD-C1-02-D-M-0241	VAN WYKSRUST PUMP STATION - GENERAL ARRANGEMENT AND SECTIONS
BW1400-RHD-C1-02-D-M-0242	VAN WYKSRUST PUMP STATION - PIPE SCHEDULE
BW1400-RHD-C1-02-D-M-0243	VAN WYKSRUST PUMP STATION - PROCESS FLOW DIAGRAM

ELECTRICAL:

DRAWING NUMBER	*DRAWING TITLE*
BW1400-RHD-C1-00-D-E-0051	COMMUNICATIONS - FIBRE OPTIC RETICULATION CABLE ROUTING
BW1400-RHD-C1-00-D-E-0052	ELECTRICAL - MEDIUM VOLTAGE RETICULATION CABLE ROUTING
BW1400-RHD-C1-02-D-E-0251	ELECTRICAL - MEDIUM VOLTAGE RETICULATION SINGLE LINE DIAGRAM
BW1400-RHD-C1-02-D-E-0252	CONTROL & INSTRUMENTATION CABLE BLOCK DIAGRAM
BW1400-RHD-C1-02-D-E-0253	MOTOR CONTROL CENTER - SINGLE LINE DIAGRAM
BW1400-RHD-C1-02-D-E-0254	MCC SCHEMATIC DIAGRAM - (SHEET 1 OF 11)
BW1400-RHD-C1-02-D-E-0255	MCC SCHEMATIC DIAGRAM - (SHEET 2 OF 11)
BW1400-RHD-C1-02-D-E-0256	MCC SCHEMATIC DIAGRAM - (SHEET 3 OF 11)
BW1400-RHD-C1-02-D-E-0257	MCC SCHEMATIC DIAGRAM - (SHEET 4 OF 11)
BW1400-RHD-C1-02-D-E-0258	MCC SCHEMATIC DIAGRAM - (SHEET 5 OF 11)
BW1400-RHD-C1-02-D-E-0259	MCC SCHEMATIC DIAGRAM - (SHEET 6 OF 11)
BW1400-RHD-C1-02-D-E-0260	MCC SCHEMATIC DIAGRAM - (SHEET 7 OF 11)
BW1400-RHD-C1-02-D-E-0261	MCC SCHEMATIC DIAGRAM - (SHEET 8 OF 11)
BW1400-RHD-C1-02-D-E-0262	MCC SCHEMATIC DIAGRAM - (SHEET 9 OF 11)
BW1400-RHD-C1-02-D-E-0263	MCC SCHEMATIC DIAGRAM - (SHEET 10 OF 11)
BW1400-RHD-C1-02-D-E-0264	MCC SCHEMATIC DIAGRAM - (SHEET 11 OF 11)
BW1400-RHD-C1-02-D-E-0265	TYPICAL INSTRUMENT LOOP DIAGRAMS - (SHT 1 OF 5)
BW1400-RHD-C1-02-D-E-0266	TYPICAL INSTRUMENT LOOP DIAGRAMS - (SHT 2 OF 5)
BW1400-RHD-C1-02-D-E-0267	TYPICAL INSTRUMENT LOOP DIAGRAMS - (SHT 3 OF 5)
BW1400-RHD-C1-02-D-E-0268	TYPICAL INSTRUMENT LOOP DIAGRAMS - (SHT 4 OF 5)
BW1400-RHD-C1-02-D-E-0269	TYPICAL INSTRUMENT LOOP DIAGRAMS - (SHT 5 OF 5)

DEPARTMENT	APPROVED	DESIGNATION	DATE

CONSULTING ENGINEERS

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DRAWN	N. O'GORMAN
CHECKED	L. NAICKER
SERVICES CHECKED	
GEOTECHNICAL INVESTIGATION	
SERVITUDES	
APPROVED	DITHOLO PHOGOLE
Pr. Eng.No.	20060098
DATE	26 February 2025

JOHANNESBURG WATER (SOC) LTD

Johannesburg Water

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CITY OF JOHANNESBURG

OLIFANTSVLEI WWTW: CONTRACT 1
INFRASTRUCTURE RENEWAL PLAN
DRAWING LIST

DESIGN MANAGER

DATE

SCALE: AS SHOWN

	AMENDMENTS	APPROVED	DATE
C01	ISSUED FOR TENDER	D. PHOGOLE	FEB 25

DRAWING No.

JW NUMBER: JW14466-RHD-C1-99-D-Z-9902

CONSULTANT'S NUMBER: BW1400-RHD-C1-99-D-Z-9902

FILE No

C01