

LIST OF STANDARD DRAWINGS	
DRAWING No.	DRAWING DESCRIPTION
SERVICES LAYOUT AND CONTRACT NAME BOARD	
STD-SL-001	SERVICES LAYOUT: 10m ROAD RESERVES
STD-SL-002	SERVICES LAYOUT: 13m - 25m ROAD RESERVES
STD-SL-003	SERVICES LAYOUT: 32m ROAD RESERVE
STD-SL-004	CONTRACT NAME BOARD
SEWER RETICULATION	
STD-SR-001	EXAMPLE DRAWING: TYPICAL LAYOUT PLAN
STD-SR-002	EXAMPLE DRAWING: TYPICAL LONGITUDINAL SECTION
STD-SR-003	PIPE TRENCH AND BEDDING DETAILS
STD-SR-004	MANHOLE DETAILS FOR SEWER PIPES LARGER THAN 300mm NOMINAL DIAMETER
STD-SR-005	TYPICAL SEWER CONNECTIONS TO EXISTING OUTFALL SEWER
STD-SR-006	TYPICAL SEWER MANHOLE CONNECTION TO EXISTING OUTFALL SEWER
STD-SR-007	MANHOLE DETAILS FOR SEWER PIPES UP TO 300mm NOMINAL DIAMETER
STD-SR-008	ERF CONNECTIONS
STD-SR-009	DETAILS AND SEWER LAYOUT FOR ERVEN WITH NO MID-BLOCK SEWERS
STD-SR-010	TYPICAL SEWER LAYOUTS FOR SUBDIVISIONS
STD-SR-011	TOILET STRUCTURE
STD-SR-012	TYPICAL D PUDS TOILET STRUCTURE
STD-SR-013	TYPICAL D PUDS TOILET STRUCTURE FOR THE PHYSICALLY DISABLED
STD-SR-014	TYPICAL PIT LATRINE STRUCTURE
WATER RETICULATION	
STD-WR-001	EXAMPLE DRAWING: TYPICAL LAYOUT PLAN
STD-WR-002	PLACING OF HYDRANTS, VALVES, HOUSE CONNECTIONS & MARKERS
STD-WR-003	MARKERS, TYPICAL BEDDING AND BACKFILL DETAILS
STD-WR-004	THRUST BLOCKS UP TO 16 BAR
STD-WR-005	ISOLATING VALVE INSTALLATIONS
STD-WR-006	FIRE HYDRANTS
STD-WR-007	WATER METER INSTALLATION FOR COMMERCIAL AND GROUP HOUSING DEVELOPMENTS (OPTION 1)
STD-WR-008	WATER METER INSTALLATION FOR COMMERCIAL AND GROUP HOUSING DEVELOPMENTS (OPTION 2)
STD-WR-009	COMBINATION FIRE HYDRANT AND WATER METER INSTALLATION FOR COMMERCIAL AND GROUP HOUSING DEVELOPMENTS
STD-WR-010	TYPICAL ERF CONNECTIONS AND WATER METER
STD-WR-011	MULTIPLE STAND PIPES WITH WATER METER (ONLY FOR LOW WATER PRESSURE)
STD-WR-012	STAND PIPE WITH WATER METER AND WATER TANK
STD-WR-013	TYPICAL AIR VALVE INSTALLATIONS (WHERE APPROPRIATE FOR SMALLER DIA PIPES)
STD-WR-014	TYPICAL ZONAL WATER METER INSTALLATION
STD-WR-015	TYPICAL DETAILS
BULK WATER	
STD-BW-001	TYPICAL AIR VALVE INSTALLATION
STD-BW-002	TYPICAL SCOUR VALVE INSTALLATIONS
STD-BW-003	TYPICAL BUTTERFLY VALVE INSTALLATION
STD-BW-004	ISOLATING AND 2x SCOUR VALVE INSTALLATION
STD-BW-005	PRESSURE REDUCING VALVE (PRV) AND FLOW METER INSTALLATION
STD-BW-006	TYPICAL LARGER DIAMETER METER INSTALLATION
STD-BW-007	TYPICAL DETAILS FOR PIPELINE ACCESSORIES
STD-BW-008	TYPICAL RESERVOIR DETAILS SHEET 1 OF 2
STD-BW-009	TYPICAL RESERVOIR DETAILS SHEET 2 OF 2
STD-BW-010	TYPICAL DETAIL FOR 2.4m MESH PANEL SECURITY FENCE WITH 0.7m TOPPING
STD-BW-011	TYPICAL DETAIL FOR 2.4m HIGH DOUBLE LEAF SECURITY GATE

CONSULTANT DETAILS TO BE
PLACED HERE



**City of
Ekurhuleni**
WATER AND SANITATION
DEPARTMENT

AMENDMENTS			
NR	DATE	APPROVED	DESCRIPTION

WATER AND SANITATION	
APPROVED ON BEHALF OF: OPERATIONS DIVISION	
NAME:.....	PROF REG No:.....
SIGNATURE:.....	DATE:.....
PROJECTS DIVISION	
NAME:.....	PROF REG No:.....
SIGNATURE:.....	DATE:.....
PLANNING DIVISION	
NAME:.....	PROF REG No:.....
SIGNATURE:.....	DATE:.....

DESIGNED	
NAME:.....	DATE:.....
SIGNATURE:.....	DATE:.....
DRAWN	
NAME:.....	DATE:.....
SIGNATURE:.....	DATE:.....
APPROVED	
NAME:.....	PROF REG No:.....
SIGNATURE:.....	DATE:.....
CONSULTANT DRAWING NUMBER	SCALE
REVISION	REVISION

CONTRACT No.	PROJECT TITLE
PROJECT No.	STANDARD GUIDELINE DRAWINGS
SHEET No.	DRAWING TITLE
PAPER SIZE A1	LIST OF STANDARD DRAWINGS
SCALE	C&E DRAWING NUMBER
REVISION	REVISION