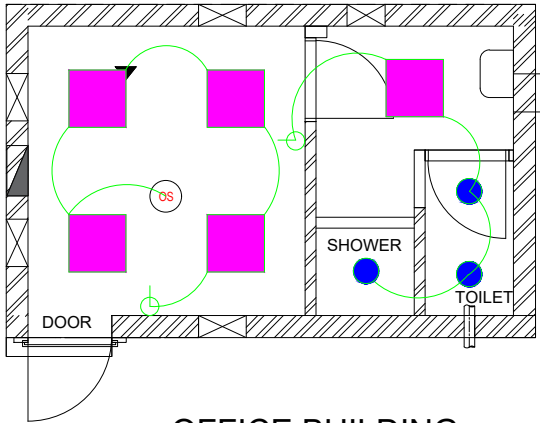
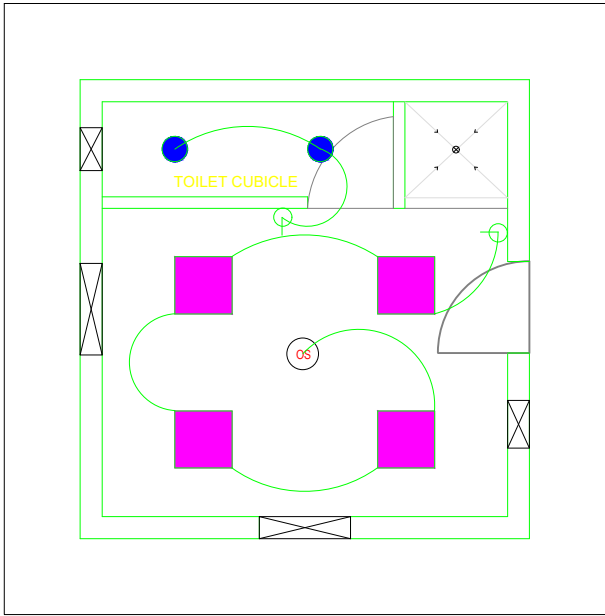


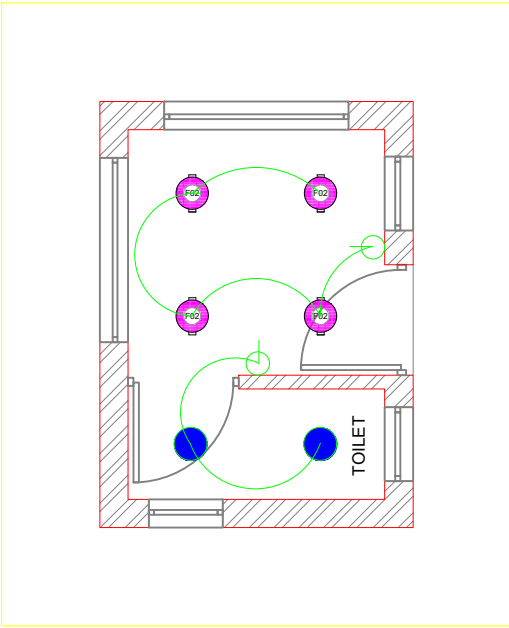
MCC PLANT ROOM



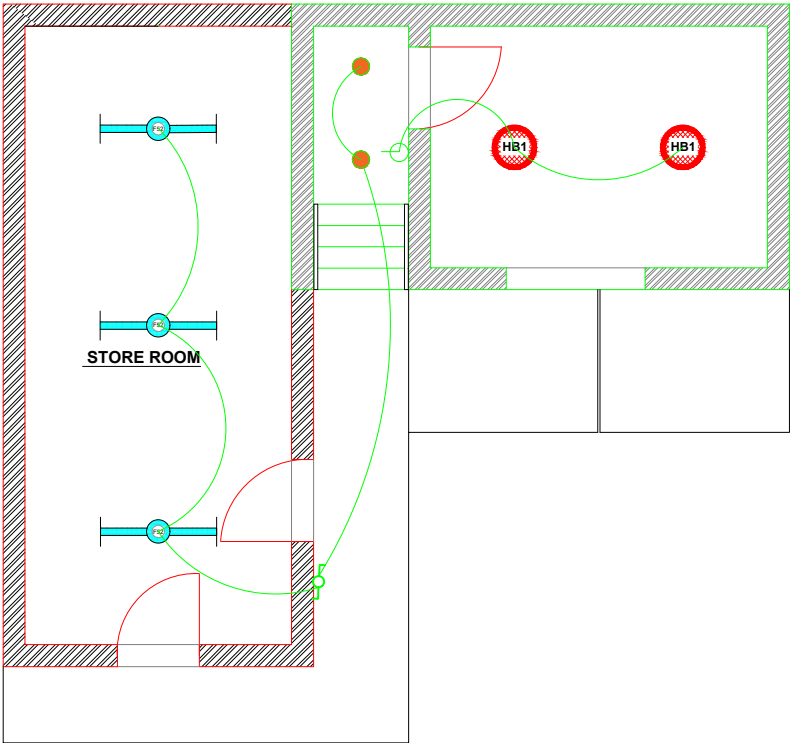
OFFICE BUILDING



INLET WORKS BUILDING PLAN LAYOUT



GUARDHOUSE



CHLORINE BUILDING AND STORE ROOM

Enclosure	VFD	Busbars (Cu)
MCC E	400 kW	300 kW
MCC NE		100 kW
MLV E		300 kW
MLV NE		100 kW

MLV	Main Low Voltage panel
MCC	Motor Control panel
E	Essential
NE	Non-Essential

Electrical Load:

NOTES:
TENDER DRAWING TO BE READ WITH ALL TENDER DOCUMENT.
INCLUDE SCOPE OF WORK, SCHEDULE OF QUANTITIES AND
SPECIFICATIONS FOR ELECTRICAL AND ELECTRONIC WORKS

LEGEND

EQP.	DESCRIPTION
	TYPE F52 1200x600mm 300W LED waterproof enclosed IP66 surface mounted or approved equivalent
	OCCUPANCY SENSOR, ELECTRIC CEILING MOUNTED LINE VOLTAGE OCCUPANCY SENSOR (BCLD 2000) OR APPROVED EQUIVALENT
	TYPE F56 600 x 600 x 60mm long surface recessed mounted LED panel, 40W LED panel, or approved equivalent
	PSE 100 WALL MOUNT LUMINAIRE
	PSE 800 RECESSED LED SMART DOWNLIGHT
	TYPE F52 1200x600mm 300W LED waterproof enclosed IP66 surface mounted or approved equivalent
	100-1000V 1-WAY LIGHT SWITCH
	100-1000V 2-WAY LIGHT SWITCH
	TYPE F52 1200x600mm 300W LED waterproof enclosed IP66 surface mounted or approved equivalent

LOCAL MUNICIPALITY: MAP

SPONSOR & REGULATOR: DWS

ISSUE FOR TENDER

100 MILLIMETRES ON ORIGINAL DRAWING

BEFORE CONTRACT COMMENCES

AFTER CONSTRUCTION CONTRACT HAS COMMENCED

Nr	DATE	AMENDMENTS
1	2025-04-23	ISSUE FOR TENDER

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CLIENT / IMPLEMENTING AGENT

vaal central water naturally

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PROJECT
TSHAME WWTW REFURBISHMENT

DRAWING DESCRIPTION
MCC ROOM AND OFFICE GENERAL LAYOUT

DRAWING NO.	REVISION
10909001 - 3008	T1

DESIGN	W.R.	CHECKED	QA
DRAWN	2.3M	SCALE	AS SHOWN
APPROVED		INCEPTION DATE	2025-05-09
ECSA PR No: 201800446 FILE PATH: WWTW / 04 DOC PROC / 04 DRAW / 01 V3			

ISSUED FOR TENDER