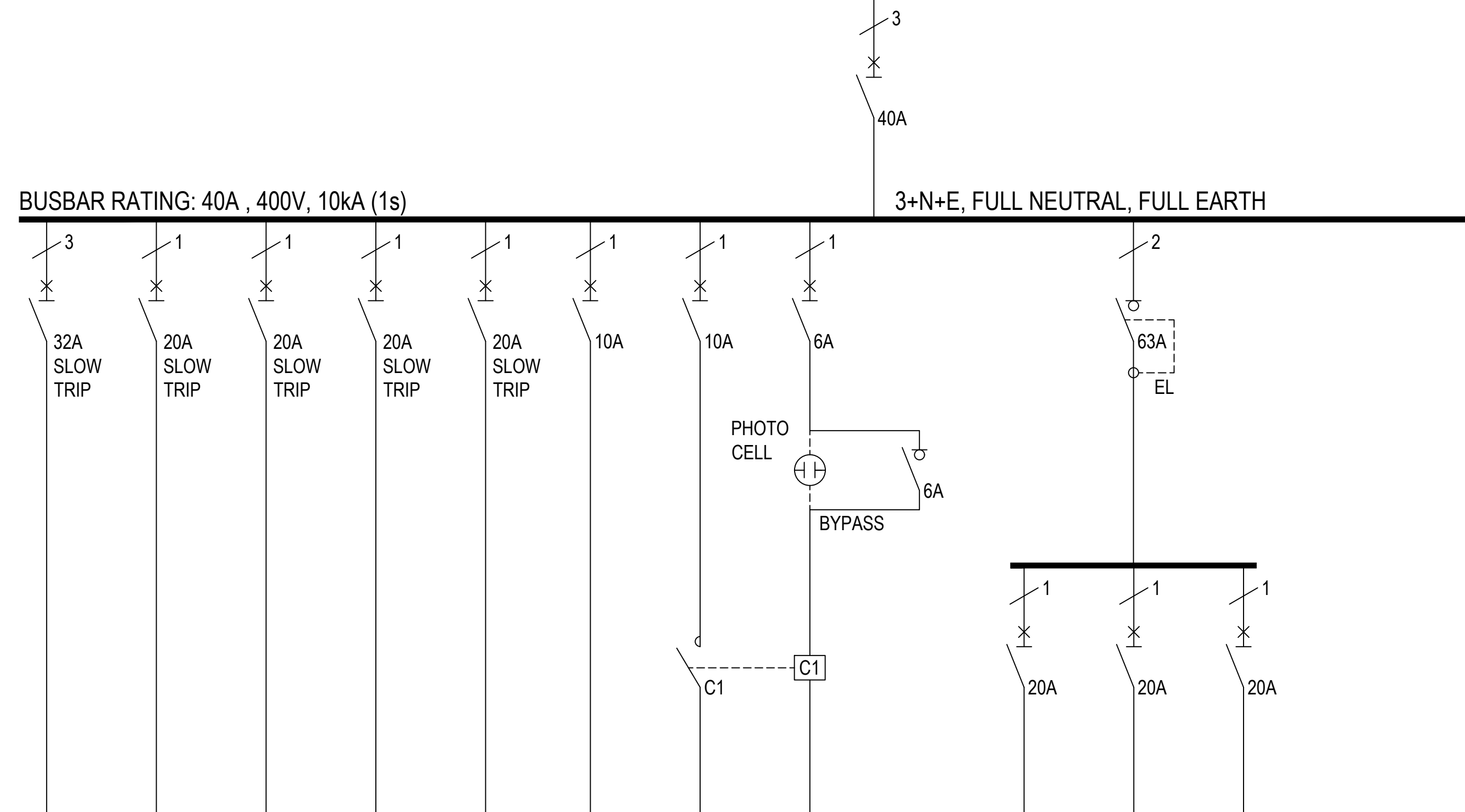


DB NUMBER	DB-1
SUPPLY FROM	KIOSK-DK-1
UPSTREAM C/B SIZE	40A
CABLE SIZE	4C x 10mm ² Cu PVC/PVC/SWA/PVC
EARTH CABLE SIZE	6mm ² BCEW



WAY No.	1	2	2	2	2	2	3	4	5	6	7	
NUMBER OF CORES	4C	2C	2C	2C	2C	2C	2C	2C	-	2C	2C	2C
CONDUCTOR SIZE	4	2.5	2.5	2.5	2.5	1.5	1.5	1.5	-	2.5	2.5	2.5
ECC SIZE	2.5	2.5	2.5	2.5	2.5	1.5	1.5	1.5	-	2.5	2.5	2.5
CIRCUIT DESIGNATION	ISO-1	ISO-2	ISO-3	ISO-4	ISO-5	L1	L2	C1	-	P1	P1	P1
DESCRIPTION	3 PHASE SOCKET OUTLET	ISOLATOR 2	ISOLATOR 3	ISOLATOR 4	ISOLATOR 5	LIGHT CIRCUIT	EXTERIOR LIGHT CIRCUIT	CONTACTOR FOR EXTERIOR LIGHTS	BYPASS	POWER CIRCUIT	POWER CIRCUIT	EQUIPPED SPARE

Distribution Board Specification																	
Method of Installation		Access Requirements		Construction Data		Compartments		Cable Entry		Final Finish		Electrical Data		Spare Space		Preferred Equipment	
Floor Standing		Open Construction		Mild Steel 1,6mm	●	Incomer Section		Top	●	Epoxy Powder Coated	Yes	Main Busbar Rating	DWG	3 Pole 10kA	-	Air Circuit Breaker	
Wall Mounted	●	Doors	●	Mild Steel 2,0mm		Normal Section	●	Bottom	●	DB Colour	Orange	Voltage Rating	DWG	3 Pole 5kA	-	Circuit Breakers	
Flush		Lockable Doors	●	Electro Galvanized		Emergency Section		Rear		Normal Section	-	Sub Busbar Fault Level	DWG	1 Pole 5kA	20%	Surge Arresters	
Pedestal Mounted		Front Access	●	Stainless Steel		UPS Section		Side		Emergency Section	-	Control Voltage	-	Tabular Components	-	Contactors	
Kiosk		Rear Access		3CR12	●	Tabular Construction		Neutral / Earth		UPS Section	-	Frequency	50Hz	Mechanical Space	30%	Control Relays	
Architrave		Removable Gland Plates	●	Fibre Glass		Metering / Indication		Full Neutral	●			Surge Arrestor Rating	-			Terminals	
Over Trench		Door Interlock		IP65	●	Control Transformer		Half Neutral				Power Factor Correction	-			Indicating Lamps	
Surface								Earth Bar	●							Instruments	
								Earth Stud								PFC Controller	
								Insulated Earth									

CONSULTING ENGINEERS		DESIGNED		J.MUTALE	29.09.21	 Johannesburg Water	 Joburg	APPROVAL BY JW DEPOT		SCALE	AMENDMENTS		DRAWING No.	
DRAWN		J.MUTALE	29.09.21	CHECKED					N.T.S	REV:	DESCRIPTION		DATE:	111242 - 0000-DRG-EL-4102 - T0 PROJECT No. DRAWING No. REV: A1 SHEET 01 OF 01 FILE No. El 1307B ORIGINAL PAGE SIZE
CHECKED		L. ESTERHUIZEN	29.09.21	APPROVED BY:						T0	FOR TENDER		28.09.2021	
APPROVED BY:		L. ESTERHUIZEN	28.05.21	SIGNATURE				DATE						
		SIGNATURE	DATE	APPROVAL BY JW PLANNING										
ECSA REG. No.				CHECKED										
CLIENT		CHECKED BY:		APPROVED BY:										
		SIGNATURE	DATE	SIGNATURE		DATE								
ECSA REG. No.														