



- NOTES**
1. FOR POWER SYSTEMS ANALYSIS AND ARC FAULT ANALYSIS SEE XXXX-E-RP-XXXX
 2. MAIN SWITCH Q1 & Q3 TO BE PADLOCKABLE IN THE OFF POSITIONS & PROVISION MADE TO SEAL THE CB ESCUTCHEON PANEL
 3. SUPPLY AUTHORITY METERING IN SEALABLE COMPARTMENT
 4. NOT USED
 5. MTR-X101 & MTR-X102 - WHERE X IS 7 OR 8 (WATER OR SEWER APPLICATION)
 6. INSERT CORRECT SYMBOL
 7. FIELD ISOLATOR IS TO BE LOCATED WITHIN THE SWITCHBOARD IF THE MOTOR IS LESS THAN 10m AWAY, OTHERWISE THE FIELD ISOLATOR WILL BE MOUNTED WITHIN 10m OF THE MOTOR
 8. MOTORS MAY BE INTERLOCKED TO PREVENT BOTH PUMPS RUNNING WHILE ON GENERATOR

MCCXXXX
XXX

LV DISTRIBUTION NETWORK
REFER DWG UWDSTD-E-DR-9003-21

REV	DATE	DESCRIPTION OF CHANGE	DRAWN	DESIGNED	REVIEWED	APPROVED	COMPANY
2	12.12.25	MOVED K2 CONNECTION, ADDED NOTE 8, ADDED MOTOR SIZE & FLC	YV	TGS	TGS	TGS	UNITYWATER
1	03.06.24	UPDATED NOTE 2, NAMING COMPONENTS & UPDATED DRAWING TITLE	YV	TGS	TGS	TGS	UNITYWATER
0	20.09.23	ISSUED FOR USE	YV	TGS	TGS	TGS	UNITYWATER



Unitywater
STANDARD ELECTRICAL DRAWING
NETWORK - DIRECT METERED - MANUAL TRANSFER SWITCH
SINGLE LINE DIAGRAM

PROJECT NUMBER	IFXXXXXX
REVISION DATE	03.06.24
REVISION	2
DISCIPLINE CODE	E
DRAWING NO.	UWDSTD-E-DR-9001-41