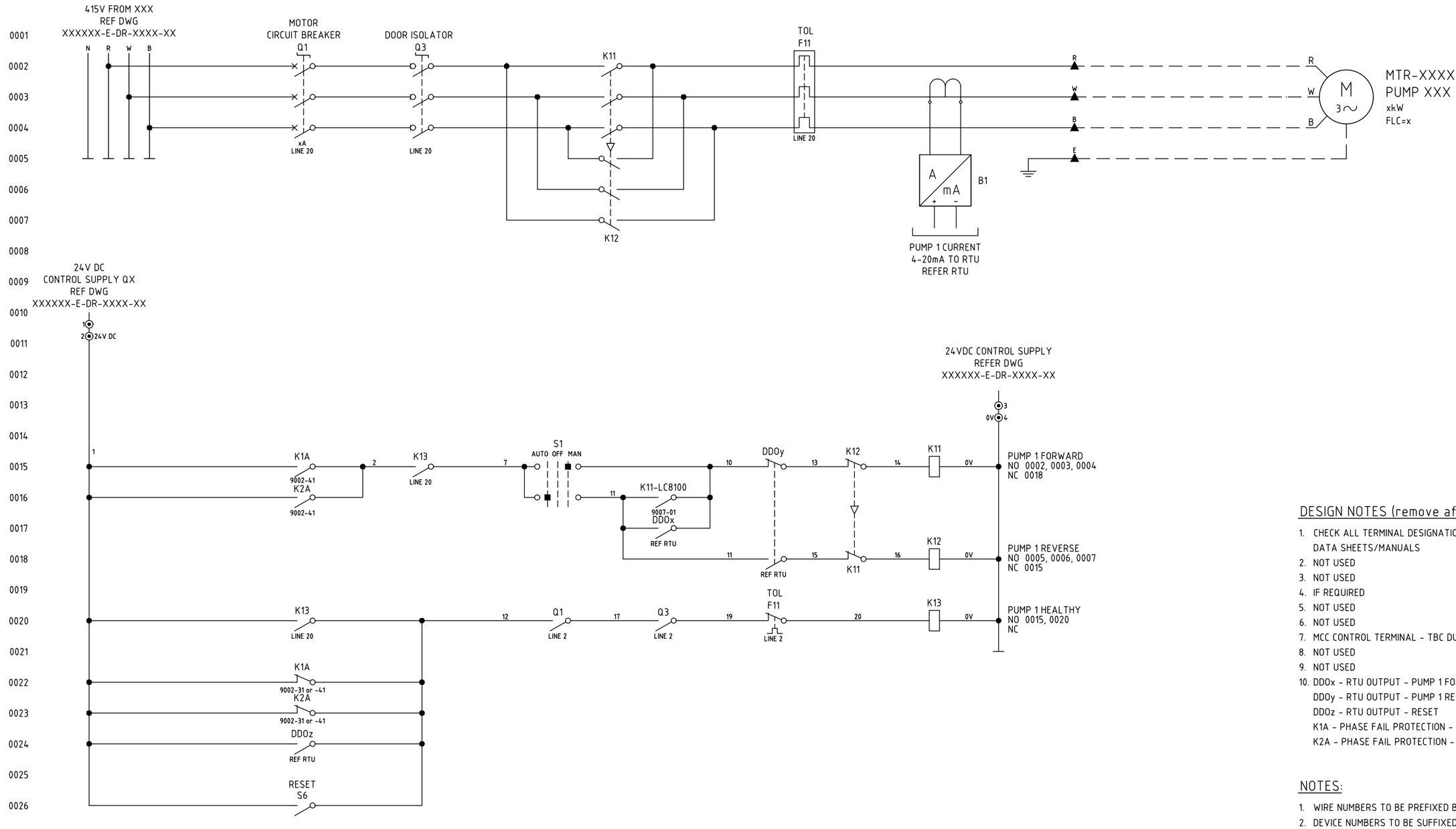

DESIGN NOTES (remove after design completed):

1. CHECK ALL TERMINAL DESIGNATIONS AS PER MANUFACTURERS DATA SHEETS/MANUALS
2. NOT USED
3. NOT USED
4. IF REQUIRED
5. NOT USED
6. NOT USED
7. MCC CONTROL TERMINAL - TBC DURING DETAILED DESIGN
8. NOT USED
9. NOT USED
10. DDOx - RTU OUTPUT - PUMP 1 FORWARD
    DDOy - RTU OUTPUT - PUMP 1 REVERSE
    DDOz - RTU OUTPUT - RESET
    K1A - PHASE FAIL PROTECTION - MAINS SUPPLY
    K2A - PHASE FAIL PROTECTION - GENERATOR SUPPLY

NOTES:

1. WIRE NUMBERS TO BE PREFIXED BY MTRxxxx-
2. DEVICE NUMBERS TO BE SUFFIXED BY THE MOTOR NUMER (xxxx)
3. FOR TERMINATION DETAILS REFER TO xxxxxx-E-DR-xxxx-xx

LEGEND

- ○ EQUIPMENT TERMINAL
- ▲ MCC POWER TERMINAL - WITHIN CELL/SECTION/CABLE ZONE
- ⊙ MCC CONTROL TERMINAL - WITHIN CELL/SECTION/CABLE ZONE
- ◪ LCS/FIELD DEVICE/JUNCTION BOX TERMINAL
- ◑ PLC MARSHALLING PANEL TERMINAL
- ◍ ELV DISCONNECT TERMINAL
- ● ELV FUSED DISCONNECT TERMINAL
- — — — WIRING EXTERNAL TO MCC

A3

REV	DATE	DESCRIPTION OF CHANGE	DRAWN	DESIGNED	REVIEWED	APPROVED	COMPANY
1	03.06.24	UPDATED WITH NEW RELAY CONVENTIONS	YV	TGS	TGS	TGS	UNITYWATER
0	20.09.23	ISSUED FOR USE	YV	TGS	TGS	TGS	UNITYWATER

Unitywater

STANDARD ELECTRICAL DRAWING
DOL - NETWORK - PUMP 1 - NO DISCONNECT
DOL/SS MOTOR SCHEMATICS

PROJECT NUMBER	IFxxxxxx
REVISION DATE	03.06.24
REVISION	1
DISCIPLINE CODE	E
DRAWING NO.	UWDSTD-E-DR-9005-42