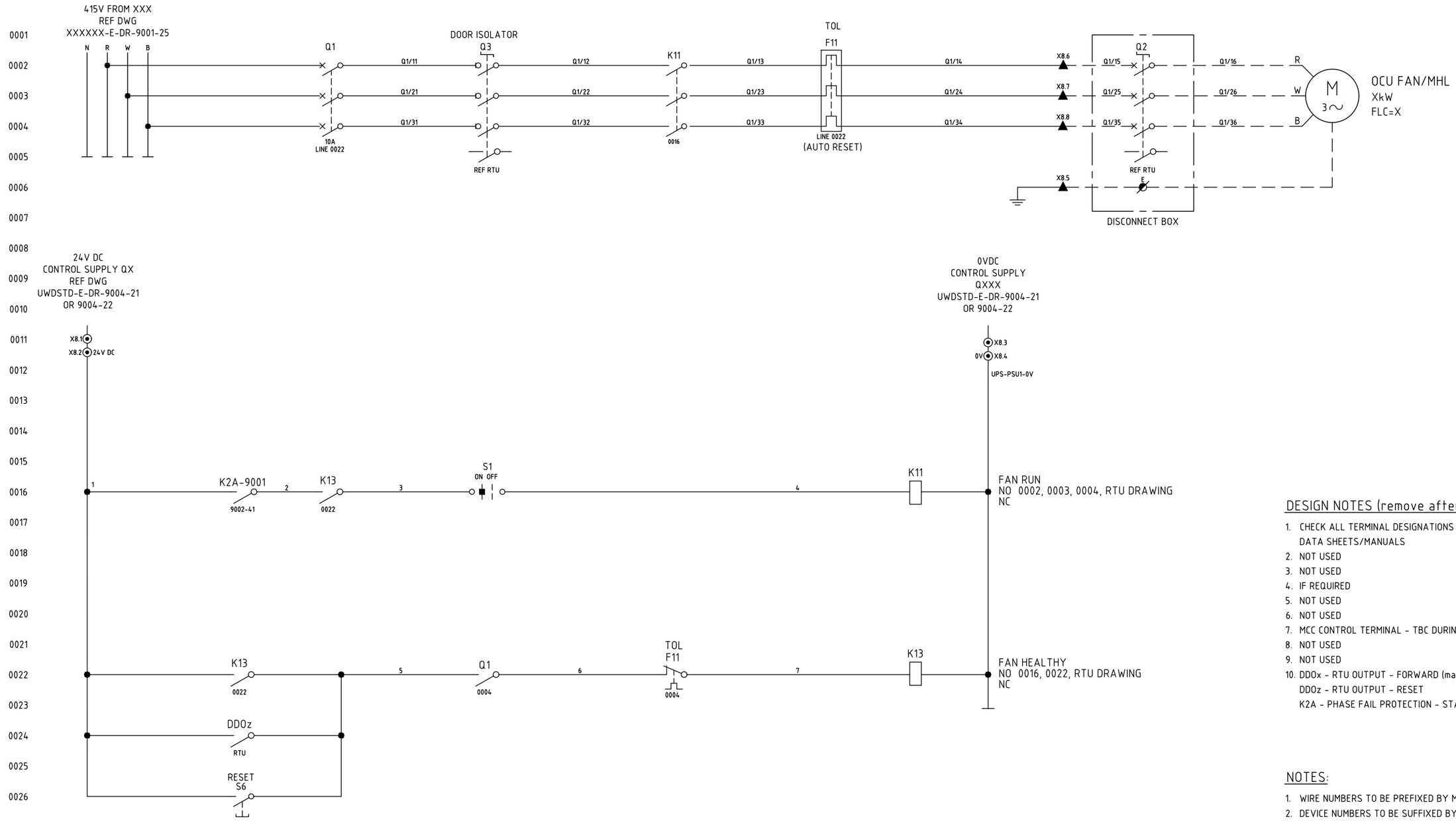

DESIGN NOTES (remove after design completed):

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 - FORWARD (may be required)
    DDOz - RTU OUTPUT - RESET
    K2A - PHASE FAIL PROTECTION - STATION AC SUPPLY

NOTES:

1. WIRE NUMBERS TO BE PREFIXED BY MTRxxxx-
2. DEVICE NUMBERS TO BE SUFFIXED BY THE MOTOR NUMER (xxxx)
3. RUNNING AND FAULT INDICATION DISPLAYED ON HMI

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	30.03.26	UPDATED K2A, REMOVED K1A CONTACTS, ADDED DESIGN NOTES	YV	TGS	TGS	TGS	UNITYWATER
0	12.12.25	ISSUED FOR USE	YV	TGS	TGS	TGS	UNITYWATER

Unitywater

STANDARD ELECTRICAL DRAWING
NETWORK - DOL - TYPICAL DESIGN FOR OCU/MHL ETC
SCHEMATIC DIAGRAM

PROJECT NUMBER	IFxxxxxx
REVISION DATE	12.12.25
REVISION	0
DISCIPLINE CODE	E
DRAWING NO.	UWDSTD-E-DR-9005-45