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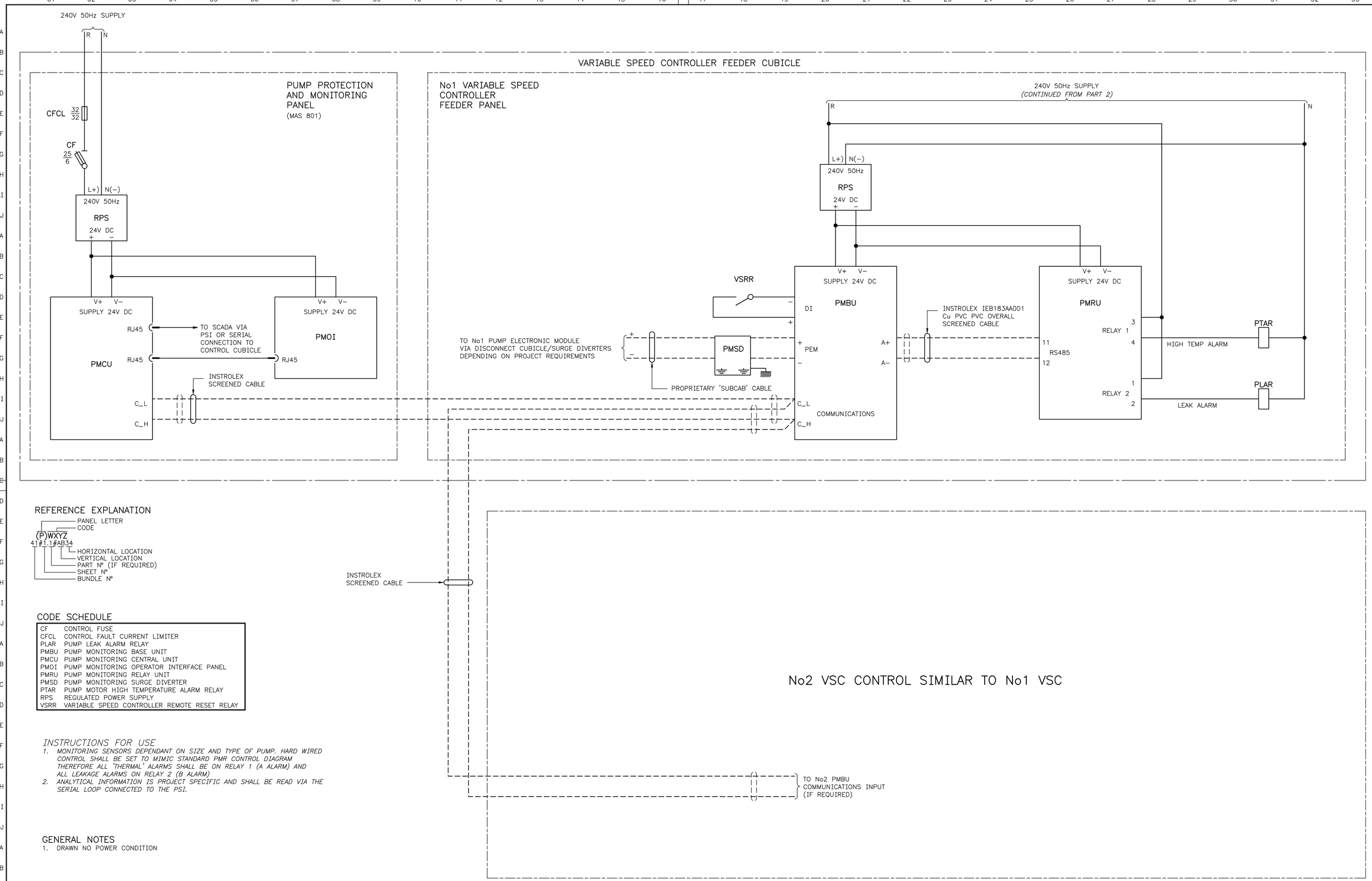

REFERENCE EXPLANATION

(P)WXYZ
41#1.1#AB34

- PANEL LETTER
- CODE
- HORIZONTAL LOCATION
- VERTICAL LOCATION
- PART Nº (IF REQUIRED)
- SHEET Nº
- BUNDLE Nº

CODE SCHEDULE

CF	CONTROL FUSE
CFCL	CONTROL FAULT CURRENT LIMITER
PLAR	PUMP LEAK ALARM RELAY
PMBU	PUMP MONITORING BASE UNIT
PMCU	PUMP MONITORING CENTRAL UNIT
PMOI	PUMP MONITORING OPERATOR INTERFACE PANEL
PMRU	PUMP MONITORING RELAY UNIT
PMSD	PUMP MONITORING SURGE DIVERTER
PTAR	PUMP MOTOR HIGH TEMPERATURE ALARM RELAY
RPS	REGULATED POWER SUPPLY
VSRR	VARIABLE SPEED CONTROLLER REMOTE RESET RELAY

INSTRUCTIONS FOR USE

1. *MONITORING SENSORS DEPENDANT ON SIZE AND TYPE OF PUMP. HARD WIRED CONTROL SHALL BE SET TO MIMIC STANDARD PMR CONTROL DIAGRAM THEREFORE ALL 'THERMAL' ALARMS SHALL BE ON RELAY 1 (A ALARM) AND ALL LEAKAGE ALARMS ON RELAY 2 (B ALARM)*
2. *ANALYTICAL INFORMATION IS PROJECT SPECIFIC AND SHALL BE READ VIA THE SERIAL LOOP CONNECTED TO THE PSI.*

GENERAL NOTES

1. DRAWN NO POWER CONDITION

ISSUE	DATE	GRID	REVISION	DRN	REC	APPD
B	01/2024		CFCL SYMBOL REVISED	SAM	TK	EC

DESIGN SURVEY NONE | VERTICAL DATUM NONE | COORDINATE SYS NONE | ASCON SURVEY NONE | DES REF | DES CALC S GILMOUR | DES CHD T LIU | DRN SA MEMORY | Q.C. CHD P HARVEY | NORTH POINT

SUBMITTED 16/06/2023 SA MEMORY (SIGNED) SENIOR TECHNICAL ADVISOR – ELECT

RECOMMENDED 16/06/2023 S GILMOUR (SIGNED) SENIOR ENGINEER – ELECTRICAL

APPROVED 16/06/2023 T LIU (SIGNED) PRINCIPAL ENGINEER – ELECTRICAL

ENGINEERING

WATER CORPORATION

ELECTRICAL STANDARD SWITCHBOARD DESIGNS
SMALL PUMP STATIONS
MOTOR STARTER REFERENCE – WASTEWATER
VARIABLE SPEED CONTROLLER – CONTROL DIAGRAM – PART 3

FILE | PROJECT | PLAN MN01–22–6.3 | CAD | ISSUE B | ORIGINAL SHEET SIZE A1 | MF

566
810

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STANDARDS\APPROVED\MN01\PREAPPROVAL\MN01–022–006–03B 17:18 12/01/2024 MEMORYSO/NB46194