

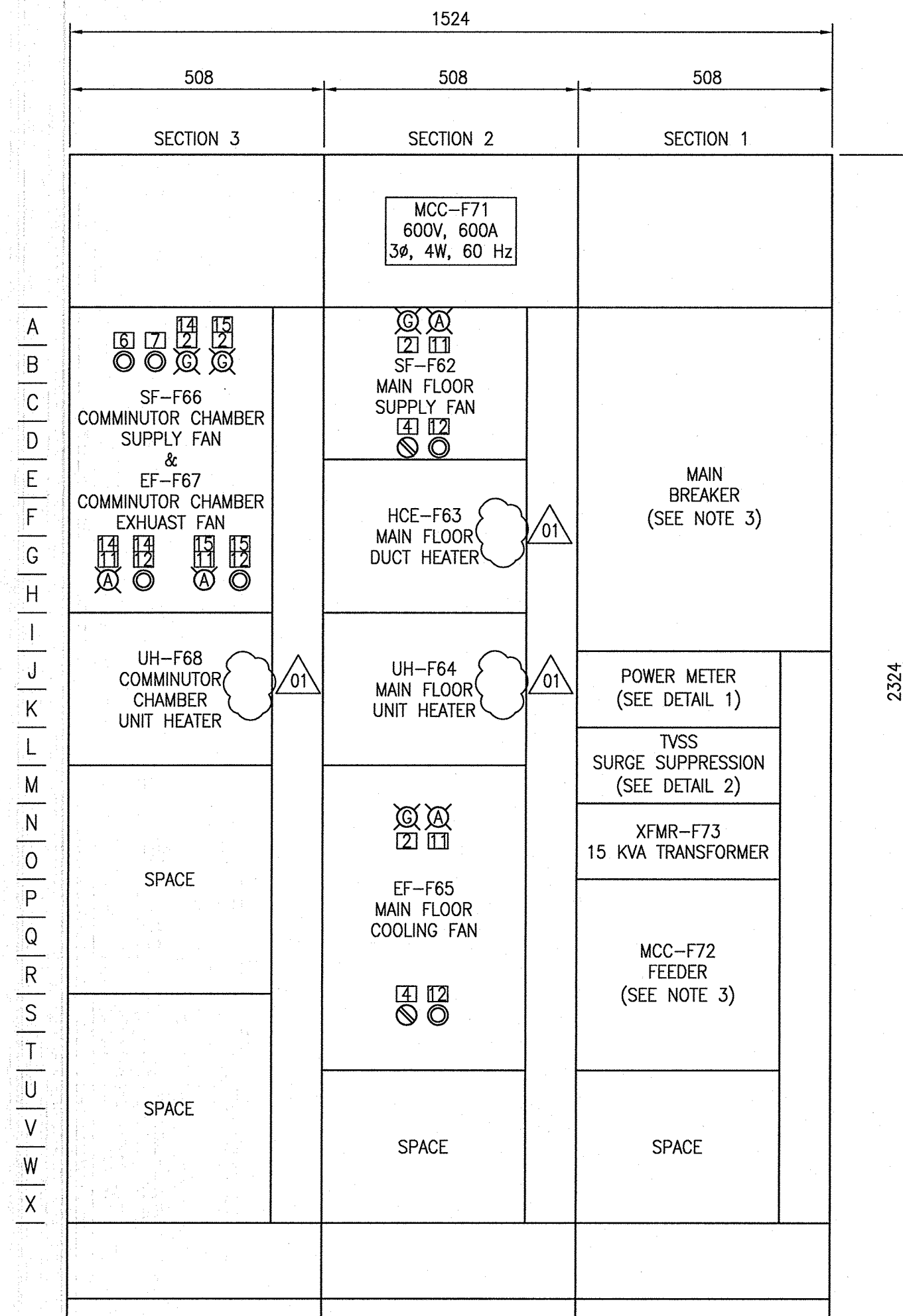
A1 SIZE - 594mm x 841mm

MCC-F71 REQUIREMENTS:

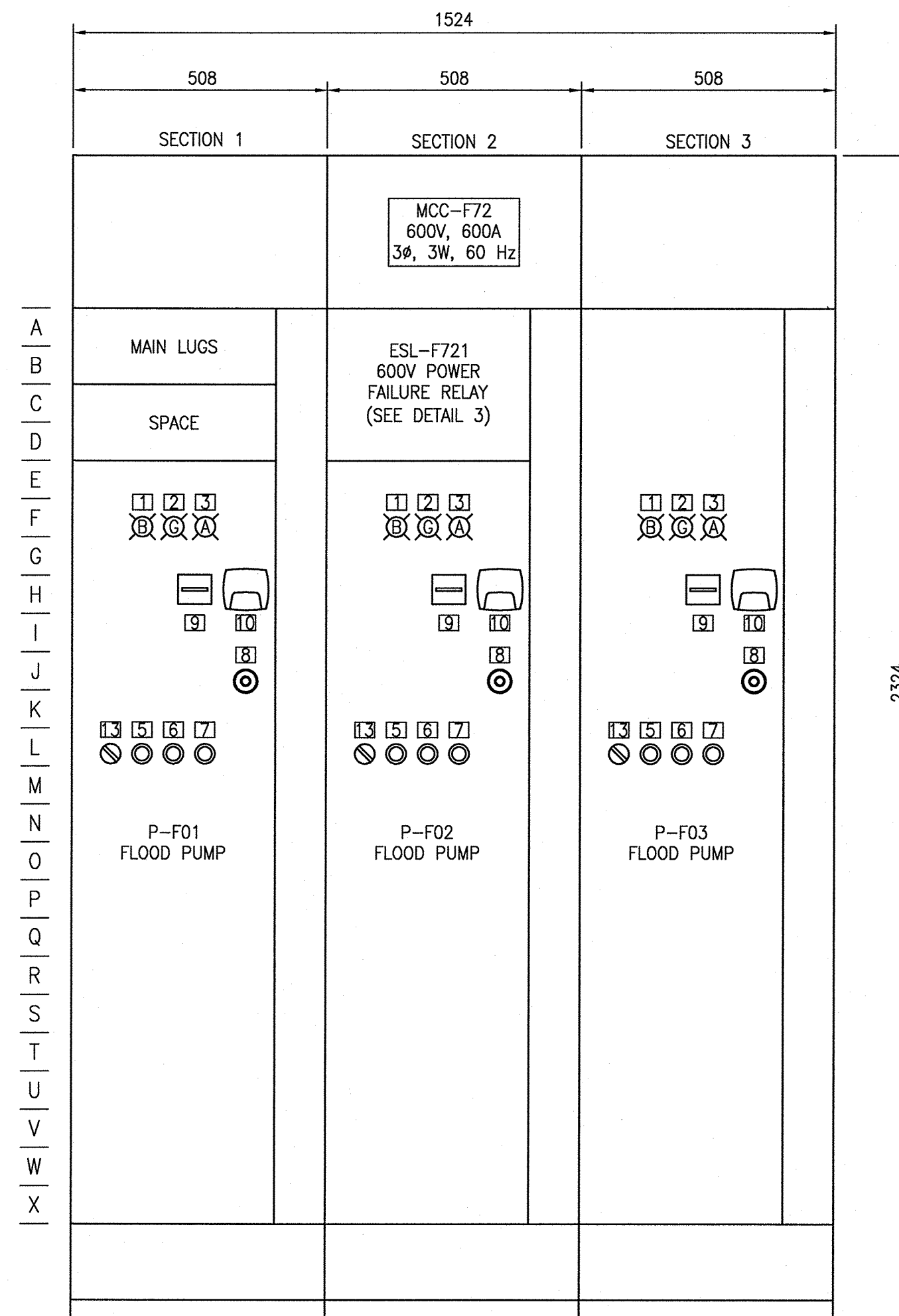
IDENTIFIER: MCC-F71		
ENCLOSURE TYPE: NEMA 1A	MOUNTING: FRONT	DEPTH: 508mm
SUPPLY VOLTAGE: 600V, 3 ϕ , 4W, 60 Hz	INCOMING NEUTRAL TERMINATION: YES	
CONTROL VOLTAGE: 120V, 60 Hz	WIRING: CLASS I, TYPE Bd OR Bt AS SHOWN ON THE DRAWINGS	
MINIMUM BUS RATING: HORIZONTAL: 600A	VERTICAL: AS REQ'D	
SUITABLE FOR SERVICE ENTRANCE: NO	NEUTRAL BUS: YES	
BUS BRACING: 42kA	SCCR: 25 kA	SERIES SCCR PERMITTED: NO
BUS MATERIAL: TIN PLATED COPPER		
MANUFACTURER: SCHNEIDER ELECTRIC		
MODEL: MODEL 6		

MCC-F72 REQUIREMENTS:

IDENTIFIER: MCC-F72		
ENCLOSURE TYPE: NEMA 1A	MOUNTING: FRONT	DEPTH: 508mm
SUPPLY VOLTAGE: 600V, 3 ϕ , 3W, 60 Hz	INCOMING NEUTRAL TERMINATION: NO	
CONTROL VOLTAGE: 120V, 60 Hz	WIRING: CLASS I, TYPE Bd OR Bt AS SHOWN ON THE DRAWINGS	
MINIMUM BUS RATING: HORIZONTAL: 600A	VERTICAL: AS REQ'D	
SUITABLE FOR SERVICE ENTRANCE: NO	NEUTRAL BUS: NO	
BUS BRACING: 42kA	SCCR: 25 kA	SERIES SCCR PERMITTED: NO
BUS MATERIAL: TIN PLATED COPPER		
MANUFACTURER: SCHNEIDER ELECTRIC		
MODEL: MODEL 6		

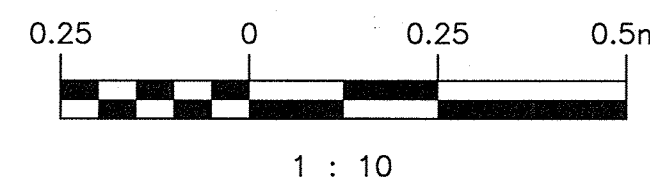


MCC-F71 ELEVATION
SCALE: 1 : 10



MCC-F72 ELEVATION
SCALE: 1 : 10

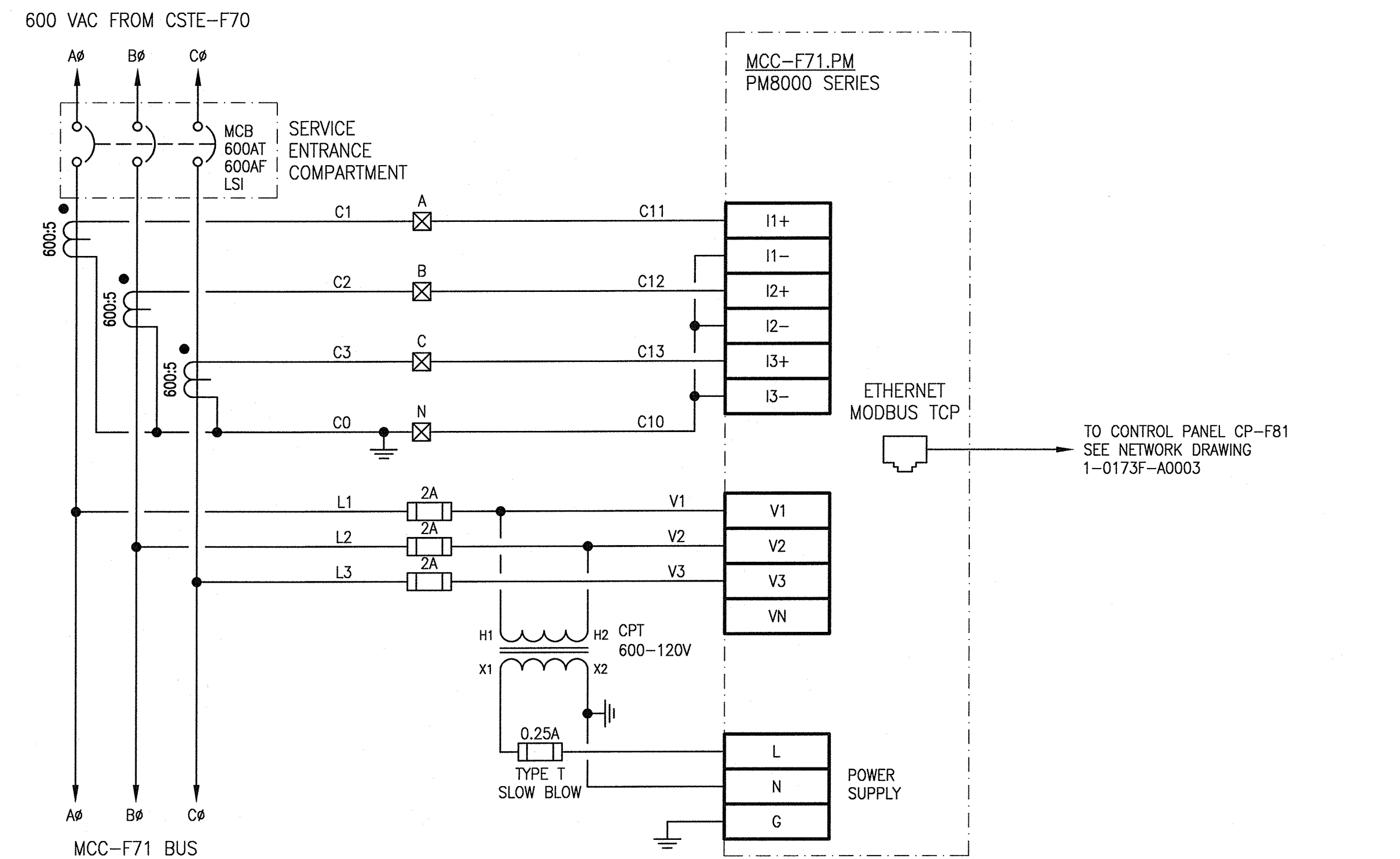
LEGEND	LAMACOID ENGRAVING
1	READY
2	RUNNING
3	SS FAULT
4	HAND OFF AUTO
5	SS RESET
6	START
7	STOP
8	E-STOP
9	MOTOR RUN TIME
10	MOTOR CURRENT
11	OVERLOAD
12	O/L RESET
13	MAN OFF AUTO
14	SF-F66
15	EF-F67



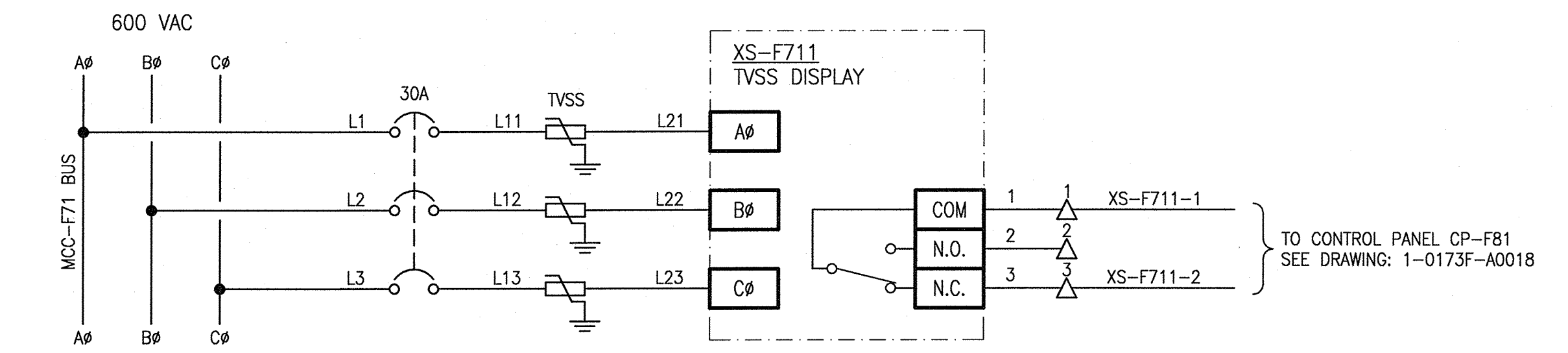
1 : 10

GENERAL NOTES:

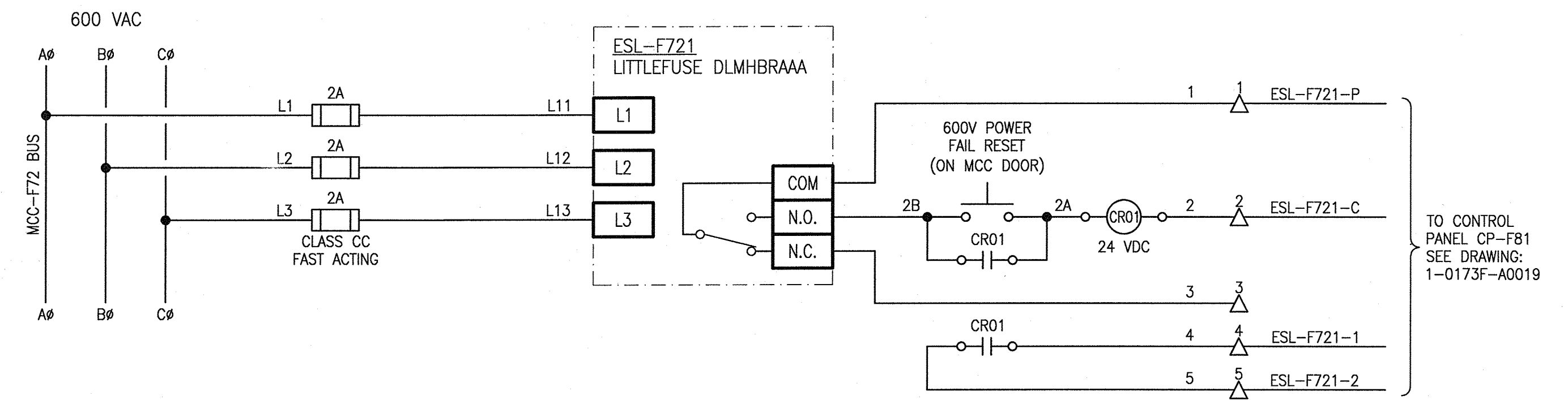
- MOTOR CONTROL CENTRES ARE TO BE ARRANGED EXACTLY AS INDICATED. ARRANGE PUSH BUTTONS, HAND-OFF-AUTO, PILOT LIGHTS, EMERGENCY STOPS AND LAMACOID POSITIONS EXACTLY AS SHOWN.
- ALL LAMACOIDS SHALL BE WHITE BACKGROUND WITH BLACK TEXT.
- FACILITY HAS LARGE FLOOD PUMP LOADS THAT RARELY RUN. THE DIGITAL TRIP PLUG DISPLAY SHALL BE DISPLAYED AT ALL TIMES THE MCC IS ENERGIZED. SUPPLIER SHALL PROVIDE A CONTROL TRANSFORMER TO POWER BREAKER TRIP PLUG DISPLAY.



1 MCC-F71 POWER METER
SCALE: N.T.S.



2 XS-F711 TRANSIENT VOLTAGE SURGE SUPPRESSOR
SCALE: N.T.S.



3 ESL-F721 POWER FAILURE RELAY
SCALE: N.T.S.

LEGEND:

	CT SHORTING BLOCK TERMINAL
	FEED THROUGH TERMINAL BLOCK
	BLUE PILOT LIGHT
	GREEN PILOT LIGHT
	AMBER PILOT LIGHT
	3-POSITION SWITCH
	PUSH BUTTON
	EMERGENCY STOP BUTTON
	PUSH BUTTON
	HOUR METER
	ANALOG CURRENT METER

1-0173F-E0006	ELECTRICAL PLAN LAYOUT MOTOR ROOM & COMMUNOTOR CHAMBER AREA
1-0173F-E0005	ELECTRICAL SINGLE LINE DIAGRAM
DRAWING NUMBER	REFERENCE DRAWINGS

		SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080		ENGINEER'S SEAL 			
DESIGNED BY: K. SAPIAK DRAWN BY: K. SAPIAK SCALE: AS SHOWN		CHECKED BY: B. CLEVEN APPROVED BY: B. CLEVEN ISSUED FOR CONSTRUCTION BY: K. ZUREK DATE: 2020/03/17 DATE: 2020/08/19		POLSON FLOOD PUMPING STATION 2020 UPGRADES MCC ELEVATIONS AND DETAILS MCC-F71 AND MCC-F72		CITY DRAWING NUMBER 1-0173F-E0010	
01	REMOVED HVAC INTERLOCK SWITCH	2020/09/10	KS	BC	DATE: 2020/03/17	DATE: 2020/08/19	CONSULTANT NO.:
00	ISSUED FOR CONSTRUCTION	2020/08/19	KS	BC			
NO.	REVISIONS	DATE	DESIGN	CHECK			
						SHEET REV. SIZE 001 01 A1	