

*United Industries, Inc.
Baton Rouge, Inc.*

SLUDGE AGE CONTROLLERS
CONTROL PANEL

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	6	
HP		
FLA		
TYPE OF PUMP		(Self-Priming, Submersible)
MANUFACTURER		
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 12	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	PS	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR		(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

OPTIONS:

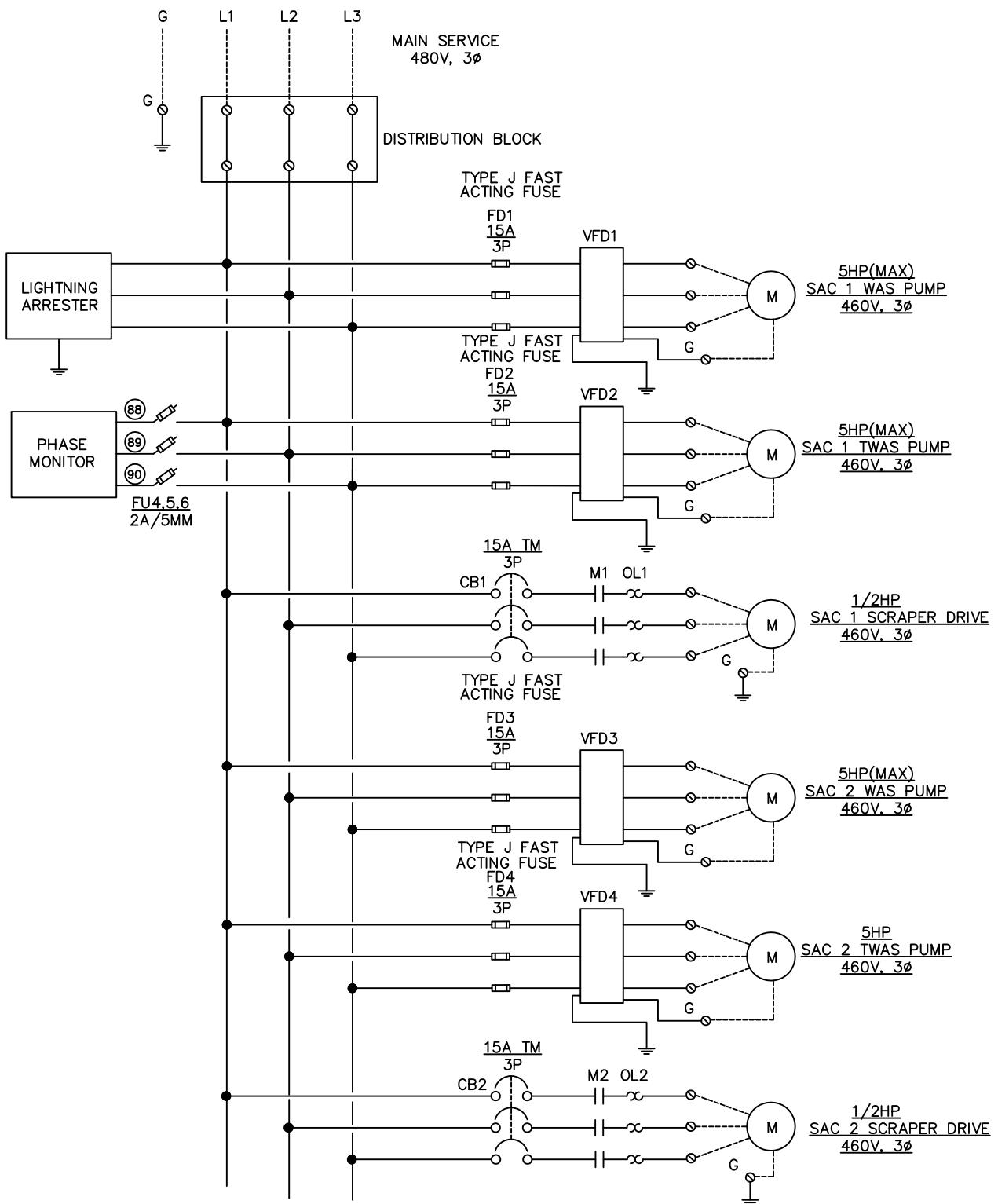
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT		
LIGHT PANEL MTD		
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR		
NEMA RATED STARTERS		
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

SOLD TO: United Industries
TAG : _____

SHIP TO: Lake Charles WWTP Plant D

CP-1649

United Industries, Inc.			
Innovative Water And Wastewater Technologies			
DATE	REVISION	BY	DESIGNED: DESIGN
			DRAWN : C.RACHAL
			CHECKED : CHECK
			APPROVED: APPROVE
SAC CONTROL PANEL			DATE 9/08/03
TITLE N.T.S.			SCALE
CITY OF LAKE CHARLES WWTP D PROJECT			JOB NO.
			DWG NO. SAC 1

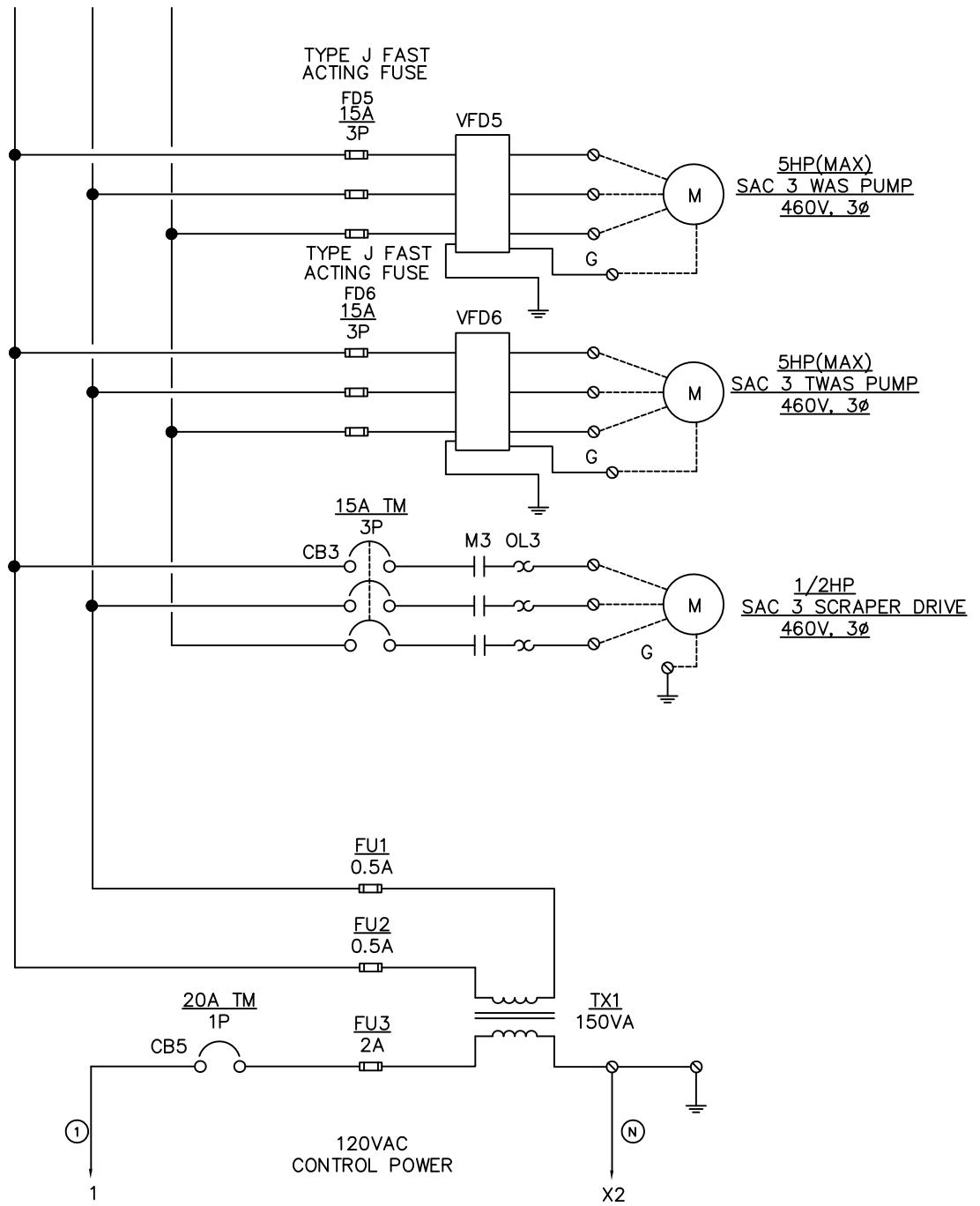


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			JOB NO. DWG NO. SAC 2
			SAC CONTROL PANEL TITLE CITY OF LAKE CHARLES WWTP D PROJECT

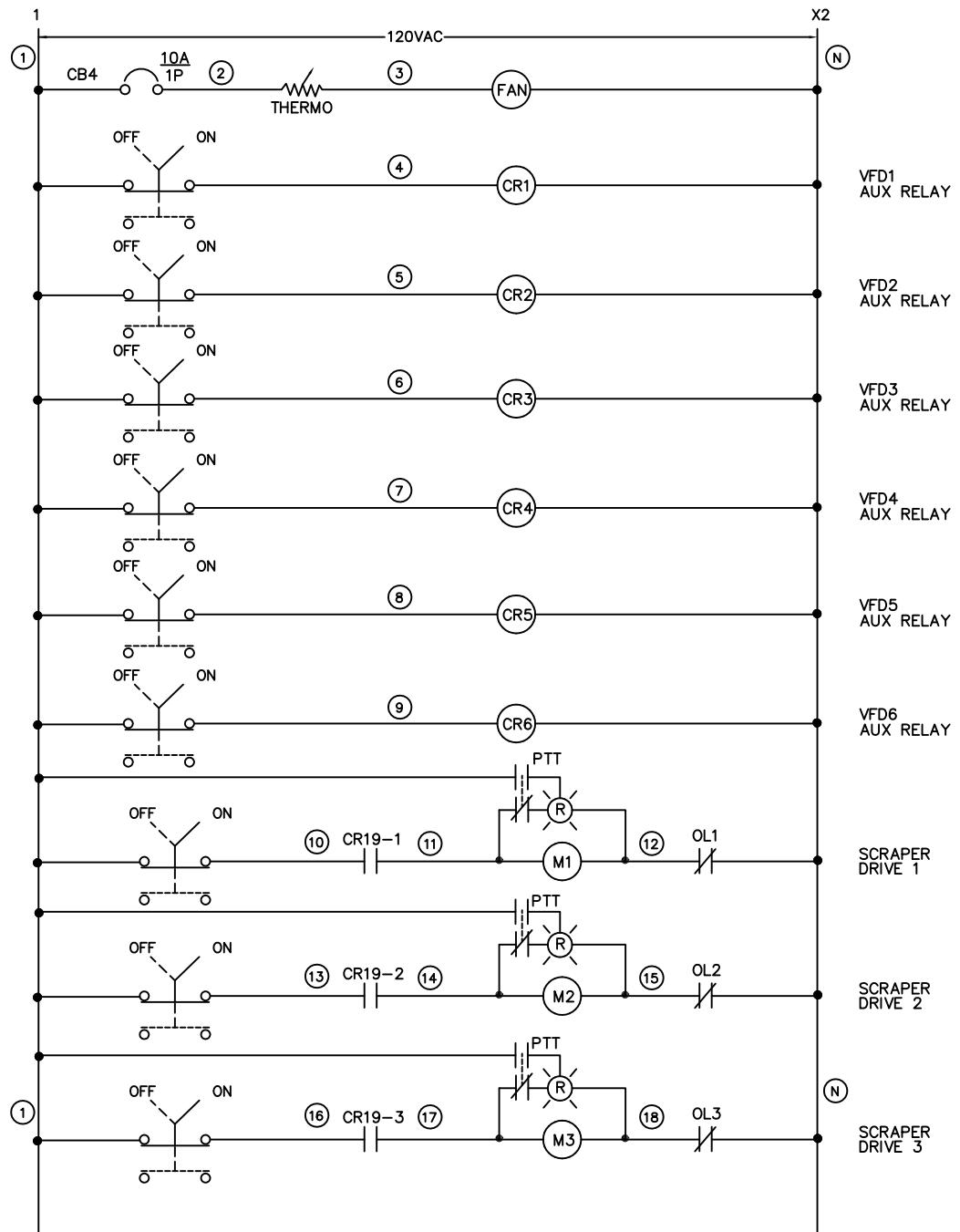


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			DWG NO. SAC 3
SAC CONTROL PANEL			
TITLE			
CITY OF LAKE CHARLES WWTP D PROJECT			



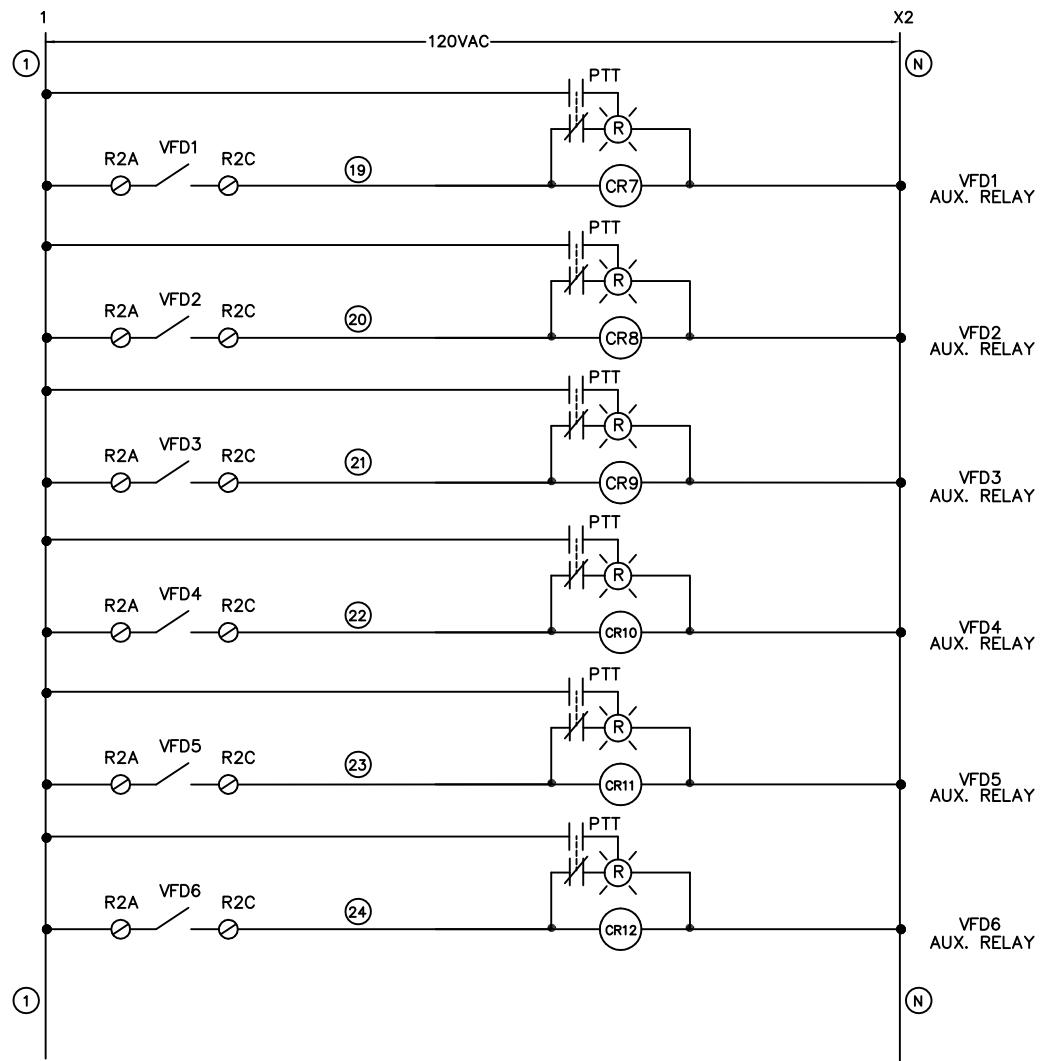
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			DWG NO. SAC 4

SAC CONTROL PANEL
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CITY OF LAKE CHARLES
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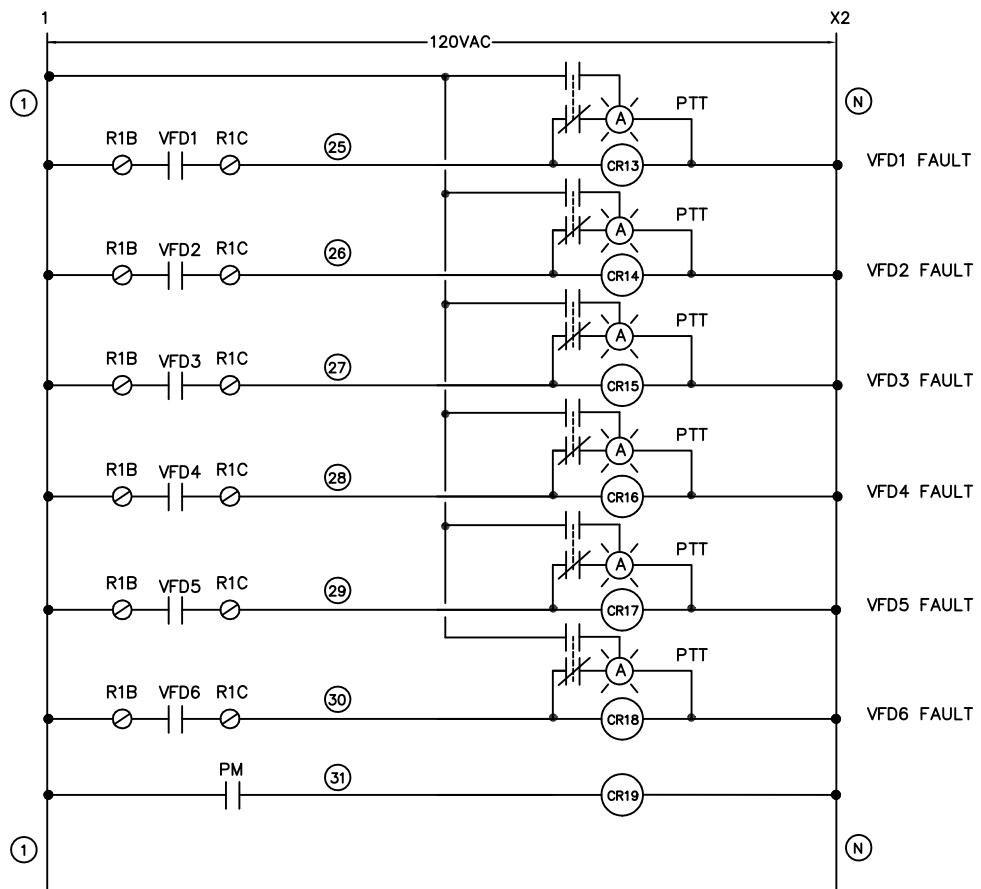
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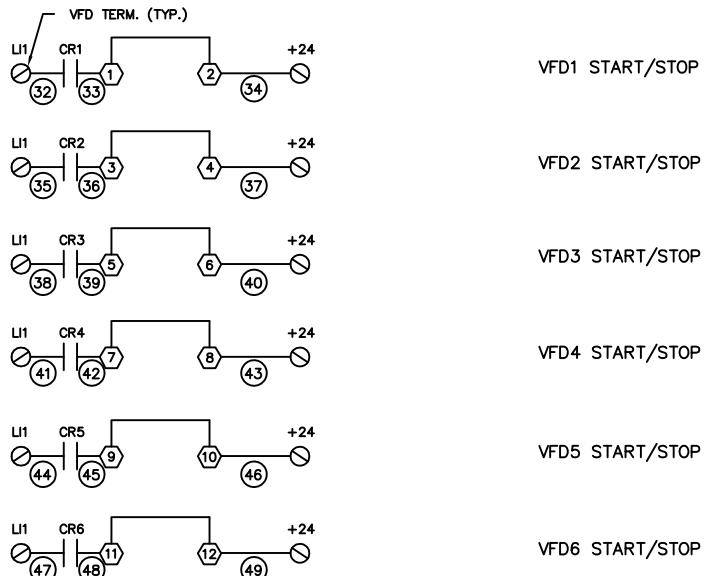
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FACTORY SETTINGS

bFr	Base Freq.	60 Hz
LSP	Low Speed	12 Hz
lTH	Mtr. Amps	7.5
OPL	Phase Fail	Yes
FLr	Restart	Yes
Atr	Auto Restart	Yes



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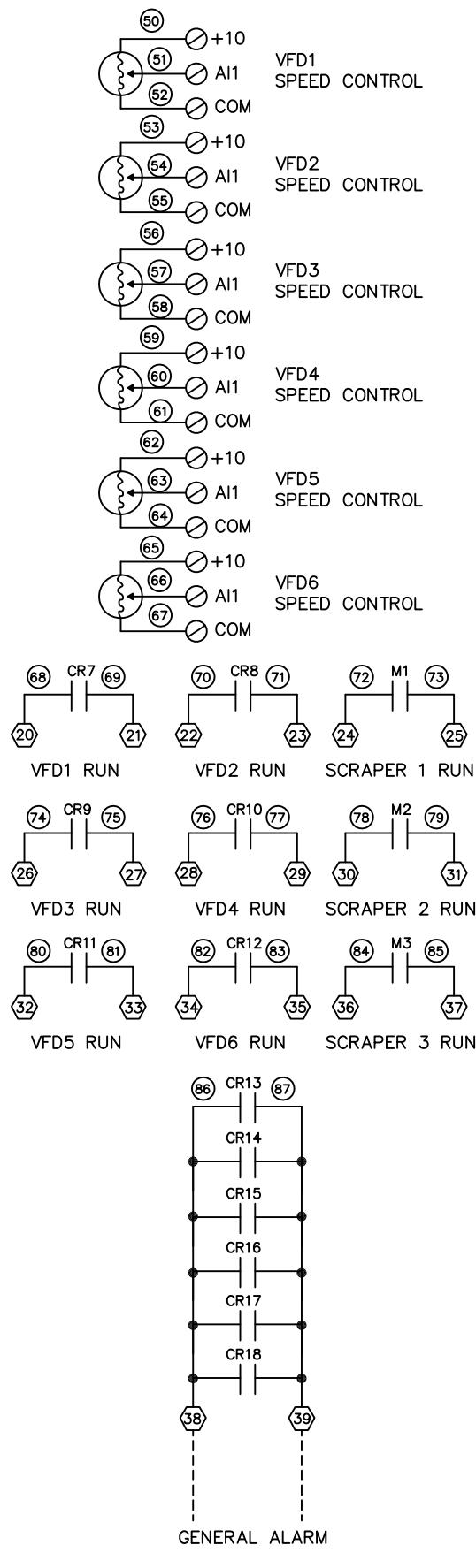
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				SAC 6

SAC CONTROL PANEL

CITY OF LAKE CHARLES
WWTP D
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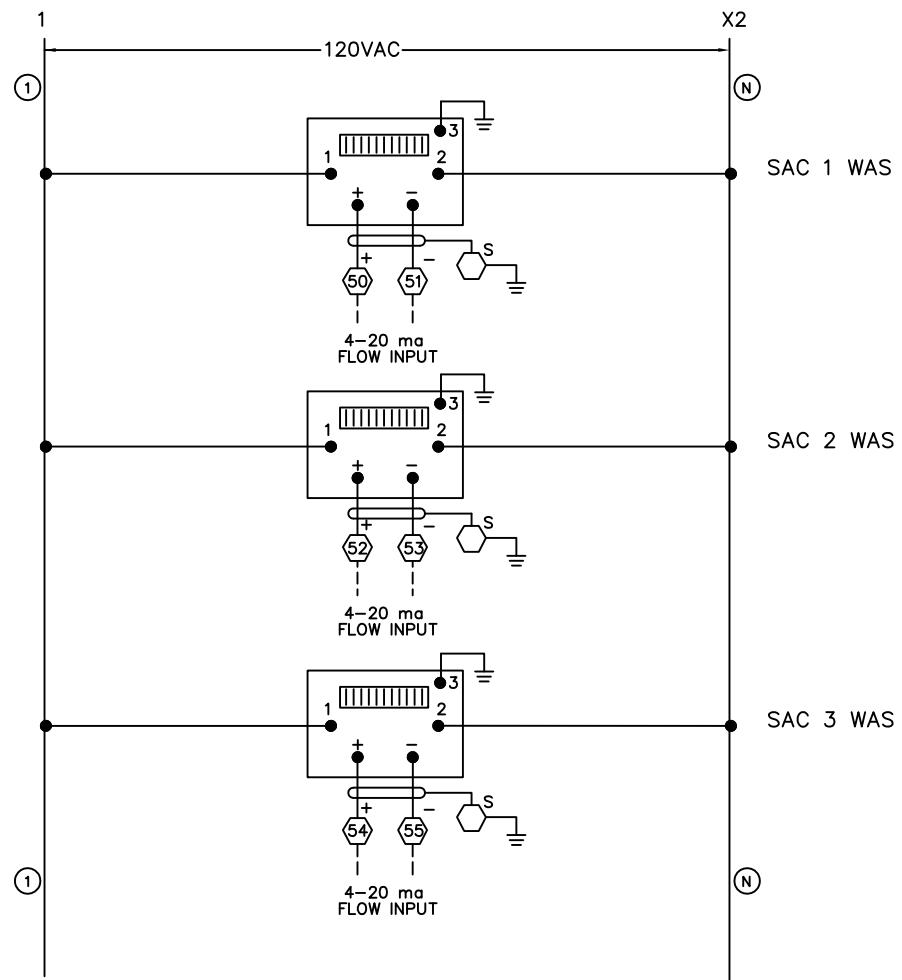


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CITY OF LAKE CHARLES WWTP D PROJECT			

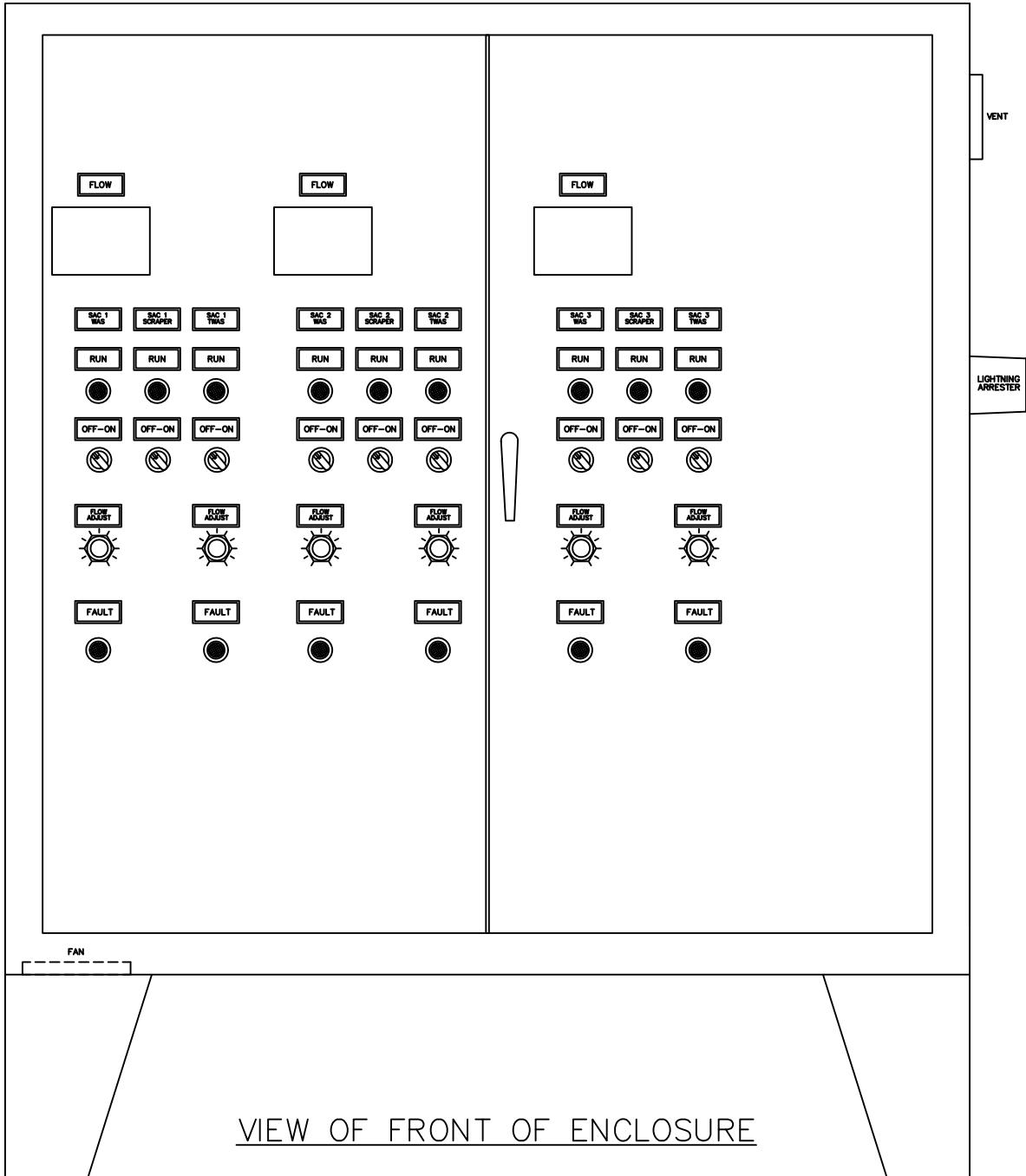


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			SAC 9

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NOTE:
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASSES.

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	606012N12W/12" LEGS	ENCLOSURE
1a	1	EBE	6060P	BACKPLATE
2	1	BUSSMANN	16370-3	DISTRIBUTION BLOCK
3	1	CH	CHSA03	LIGHTNING ARRESTER
4	1	SSAC	PLMU11	PHASE MONITOR
5	6	ABB	OS30AJ12	FUSED DISCONNECT 1-6
6	21	BUSSMAN	JKS-15	15A FAST ACTING FUSE
7	6	SQUARE D	ATV-28HU72N4U	VFD 480V 5HP
8	3	ABB	S1N015TL	15A CB 1,2,3
9	3	ABB	A16-30-10-84	MS 1,2,3
10	3	ABB	TA25DU1.4	OL 1,2,3 (1.0-1.4A)
11	1	SQUARE D	9070TF150D1	X FORM
12	1	SQUARE D	QOU110	CB4
13	1	COMAIR ROTRON	5N468	FAN
14	2	WWG	4YD86	EXHAUST
15	1	STEGO	01141.9-00	THERMOSTAT
16	9	AB	800H-HR2A	2 POSITION
17	9	AB	800HQRT10R	PTT RED LIGHT
18	6	AB	800HQRT10A	PTT AMBER PILOT LIGHT
19	18	OMRON	G2RSAC120	CR1-18
20	6	SQUARE D	9001K2108	10K POT VERIFY
21	3	MOORE	POWERS 330R	DIGITAL INDICATOR
22	1	OMRON	MK3P	CR19
23	6	ABB	OHB5	DIRECT MOUNT HANDLE
24	1	SQUARE D	QOU120	CB5
25				

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