



5.7 PRIMEX Drawings 3

ADDENDUM 1

CONTROL PANEL SUBMITTAL DOCUMENTATION	
PROJECT	5004921 – LEE COUNTY, FL MPS-BACKUP
DESCRIPTION	CONTROLS ONLY, 120V, 1PH, 60HZ,
CUSTOMER	MADER ELECTRIC
PO NO.	25746
DATE	03/21/19
SUBMITTED BY	T. CARLILE

COMMENTS/STAMP AREA

220 Ohio Street
Ashland, OH 44805
Toll Free: 800-363-5842
Phone: 419-281-5767
Fax: 419-289-2535

14190 63rd Way North
Clearwater, FL 33760-3616
Toll Free: 800-349-1905
Phone: 727-531-7141
Fax: 727-531-7151

22650 County Highway 6
Detroit Lakes, MN 56501
Toll Free: 888-342-5753
Phone: 218-847-1317
Fax: 218-847-4617

400 Techne Center Drive
Suite 104
Milford, OH 45150
Phone: 513-831-9959
Fax: 513-831-3549

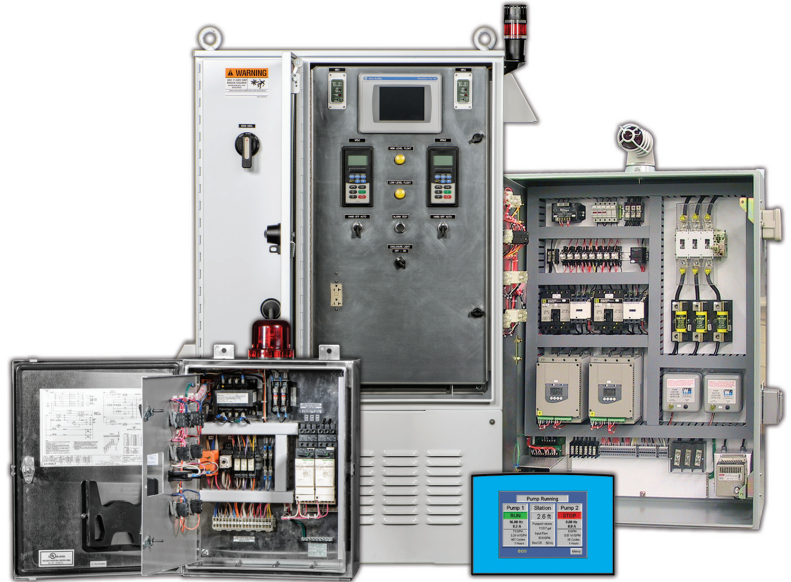




YOUR PRIME CHOICE FOR MUNICIPAL AND INDUSTRIAL WATER CONTROL SOLUTIONS

For over 40 years and with thousands of panels installed across North America, our team, backed by hundreds of years of experience, designs and builds complete control solutions to meet your specific needs, no matter how unique.

Investing in research, new product development and testing are core values. Our team is continually designing innovative control products to meet the growing demands of the markets we serve.



APPLICATIONS

- Sewage Lift Stations
- Storm Water Lift Stations
- Grinder Stations
- Wastewater Treatment
- Dewatering
- Pressure Booster Systems
- Water Wells
- Hydropneumatic Systems
- Water Treatment
- Flood Control
- Irrigation Systems
- Condensate Return

FEATURES

- Variable Frequency Drives
- Reduced Voltage Starters
- Service Entrance Rating
- Fail Safe Alarms
- Programmable Logic Controllers (PLC)
- Operator Interface Terminals
- Remote Monitoring
- Telemetry/Alarm Dialers
- SCADA Systems
- Multiple Pump Control
- User Specified Components

THIRD PARTY APPROVALS

- 508A Listing for Industrial Control Panels
- UL 698A Listing for Enclosed Industrial Control Panels with Circuit Extensions to a Hazardous Location
- UL NNNY Listing Class I, Division I and 2 Locations
- CSA Certification
- cUL Certification



844-4PRIMEX (477-4639)
WWW.PRIMEXCONTROLS.COM

Ashland, OH 800-363-5842
Clearwater, FL 800-349-1905
Detroit Lakes, MN 888-342-5753
Milford, OH 513-831-9959

CONTROL PANEL WARRANTY



PRIMEX® warrants to the original consumer that this product shall be free of manufacturing defects for two years after the date of shipment. During that time period and subject to the conditions set forth below, PRIMEX® will repair or replace, for the original consumer, any component which proves to be defective due to defective materials or workmanship of PRIMEX®. Items that are considered consumable, such as lamps, surge protectors and fuses, are not covered under this warranty.

ELECTRICAL INSTALLATION AND SERVICING OF THIS PRODUCT MUST BE PERFORMED BY A LICENSED ELECTRICIAN OR PRIMEX® TECHNICIAN.

THIS WARRANTY DOES NOT APPLY: (A) to damage due to lightning or conditions beyond the control of PRIMEX®; (B) to malfunctions resulting from failure to properly install, operate or maintain the unit; (C) to failures resulting from abuse, misuse, accident, or negligence; (D) to units which are not installed in accordance with applicable local codes, ordinances, or accepted trade practices, and (E) to units repaired and/or modified without prior authorization from PRIMEX®.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Customer furnished parts are not covered by the PRIMEX® warranty.

TO OBTAIN WARRANTY SERVICE: The consumer shall assume all responsibility and expense for removal, reinstallation, and freight of component deemed defective. Any component to be repaired or replaced under this warranty must be returned to PRIMEX®, or such place as designated by PRIMEX® for evaluation.

ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS ARE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. PRIMEX® SHALL NOT, IN ANY MANNER, BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES AS A RESULT OF A BREACH OF THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY.

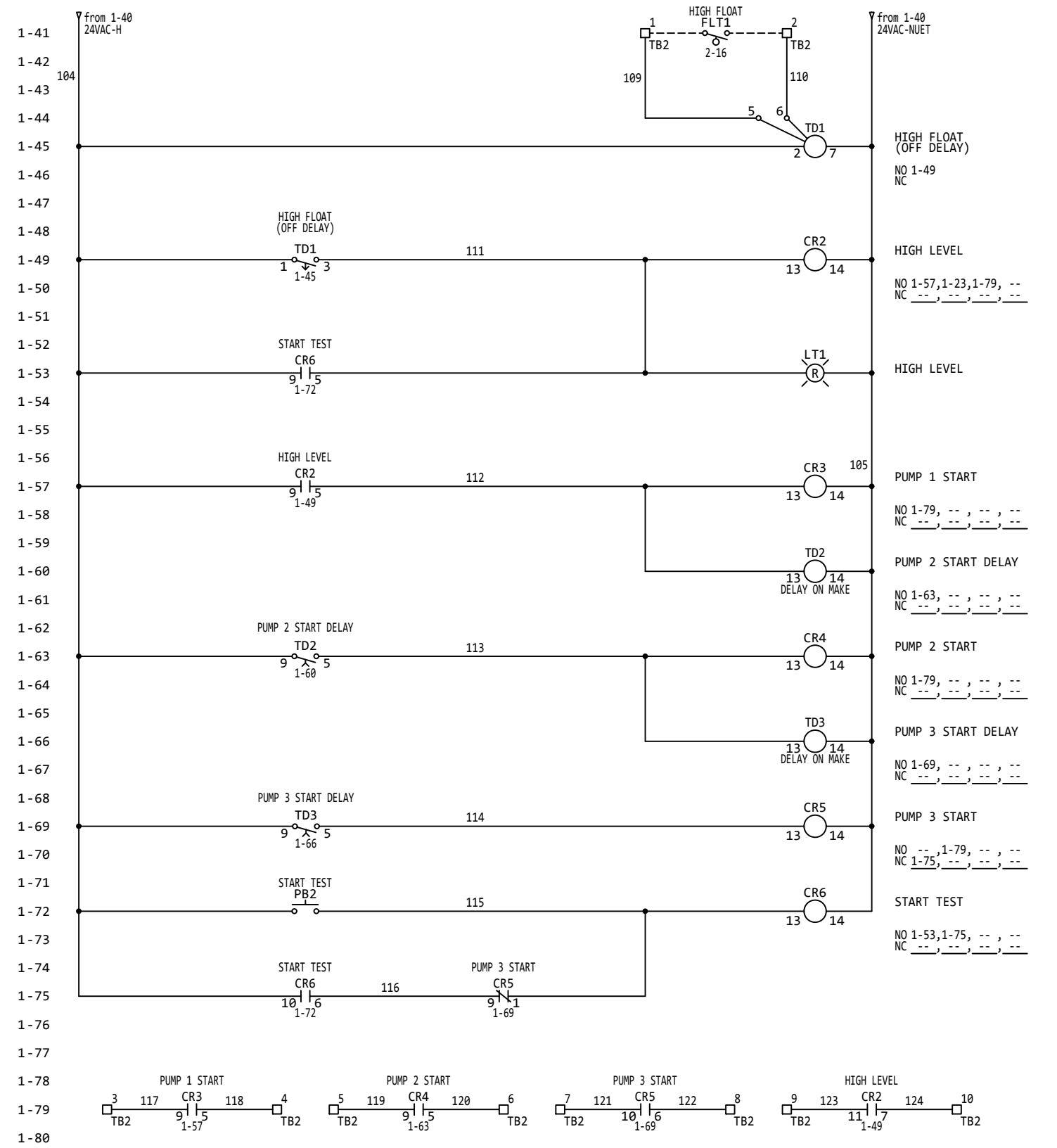
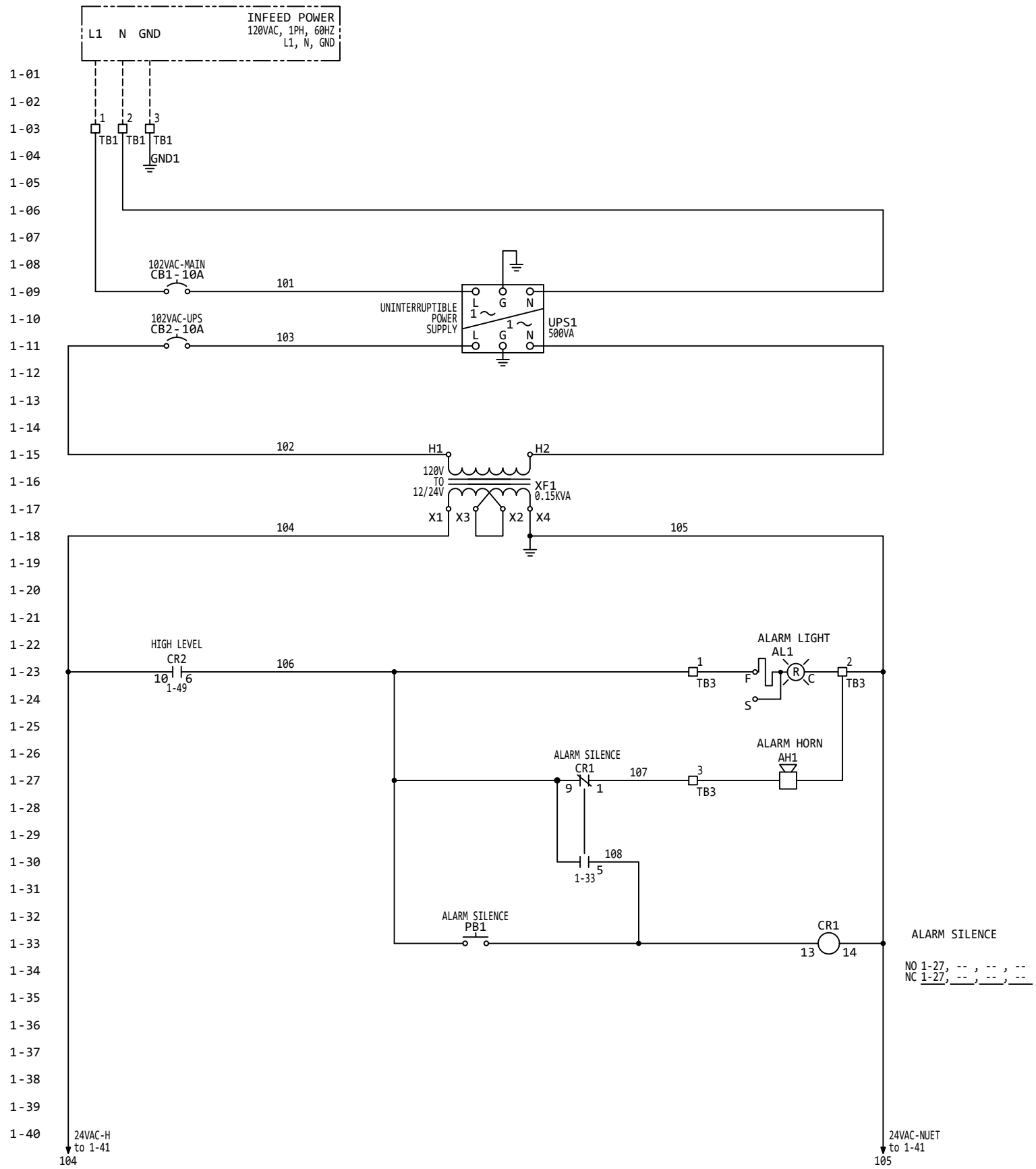
Call your PRIMEX® location with servicing questions.

Date of Manufacture



Ashland, OH	800-363-5842
Clearwater, FL	800-349-1905
Detroit Lakes, MN	888-342-5753
Milford, OH	513-831-9959

WWW.PRIMEXCONTROLS.COM



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SHEET NUMBER			
1 OF 3			
A	SUBMITTALS	3/21/19	TJC
NO.	REVISION HISTORY	DATE	BY



MPS - BACKUP
LEE COUNTY, FL
MADER ELECTRIC MOTORS

DRAWN BY TJC DATE 03/21/19

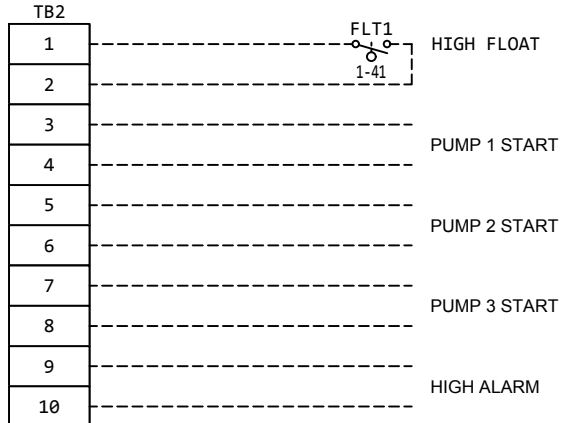
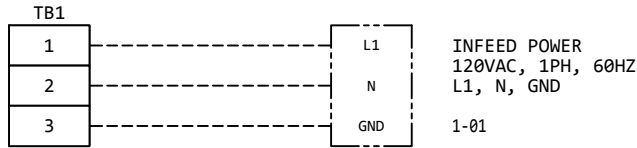
PANEL REQUIREMENTS
SYM. VOLTAGE 120 VAC
PHASE 1 PHASE 3 WIRE
FREQUENCY 60 Hz
SCCR 5 KA RMS SYM
TOTAL FLA NA
TYPE 4X

LARGEST MOTOR POWER REQUIREMENTS
HP N/A
FLA N/A

PROJECT NUMBER
5004921

FIELD WIRING SECTION

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ENCLOSURE LITERATURE

- NOTES:**
- FIELD WIRING IS SHOWN -----
 - TEMPERATURE RATING OF FIELD INSTALLED CONDUCTORS LESS THAN 100 AMPS MUST BE RATED 60DEG C OR ABOVE. FIELD INSTALLED CONDUCTORS GREATER THAN OR EQUAL TO 100 AMPS MUST BE RATED 75 DEG C OR ABOVE.
 - FIELD WIRING WILL ACCEPT COPPER CONDUCTORS ONLY.
 - FOR FIELD WIRING REFER TO COMPONENT, OR TORQUE RATING DATASHEET.
 - MAIN SERVICE DISCONNECT PROVIDED BY OTHERS.
 - SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT.

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LEE COUNTY, FL
MADER ELECTRIC MOTORS

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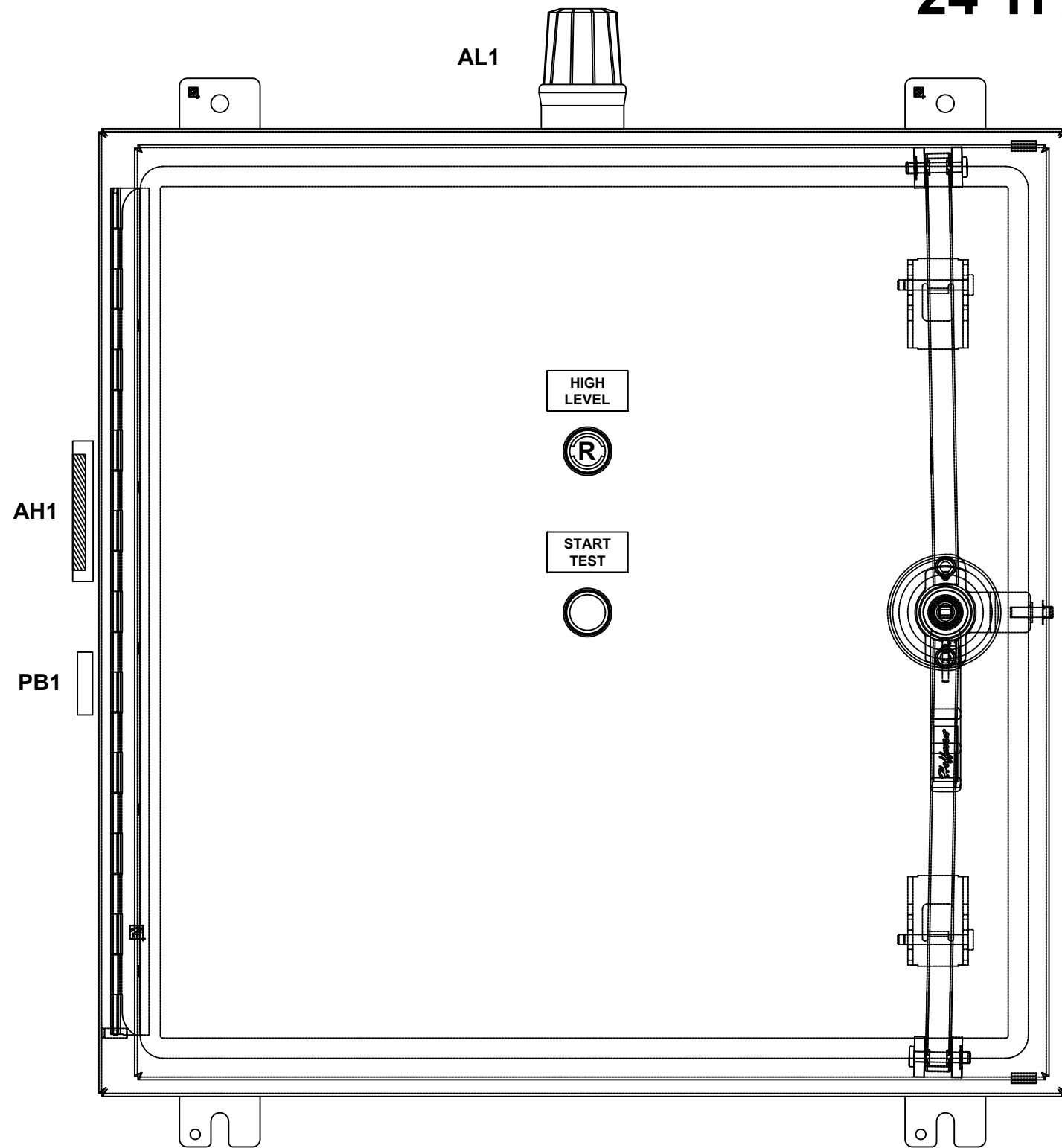
PANEL REQUIREMENTS	
SYM.	
VOLTAGE	120 VAC
PHASE	1 PHASE 3 WIRE
FREQUENCY	60 Hz
SCCR	5 kA RMS SYM
TOTAL FLA	NA
TYPE	4X

LARGEST MOTOR POWER REQUIREMENTS	
HP	N/A
FLA	N/A
PROJECT NUMBER	
5004921	

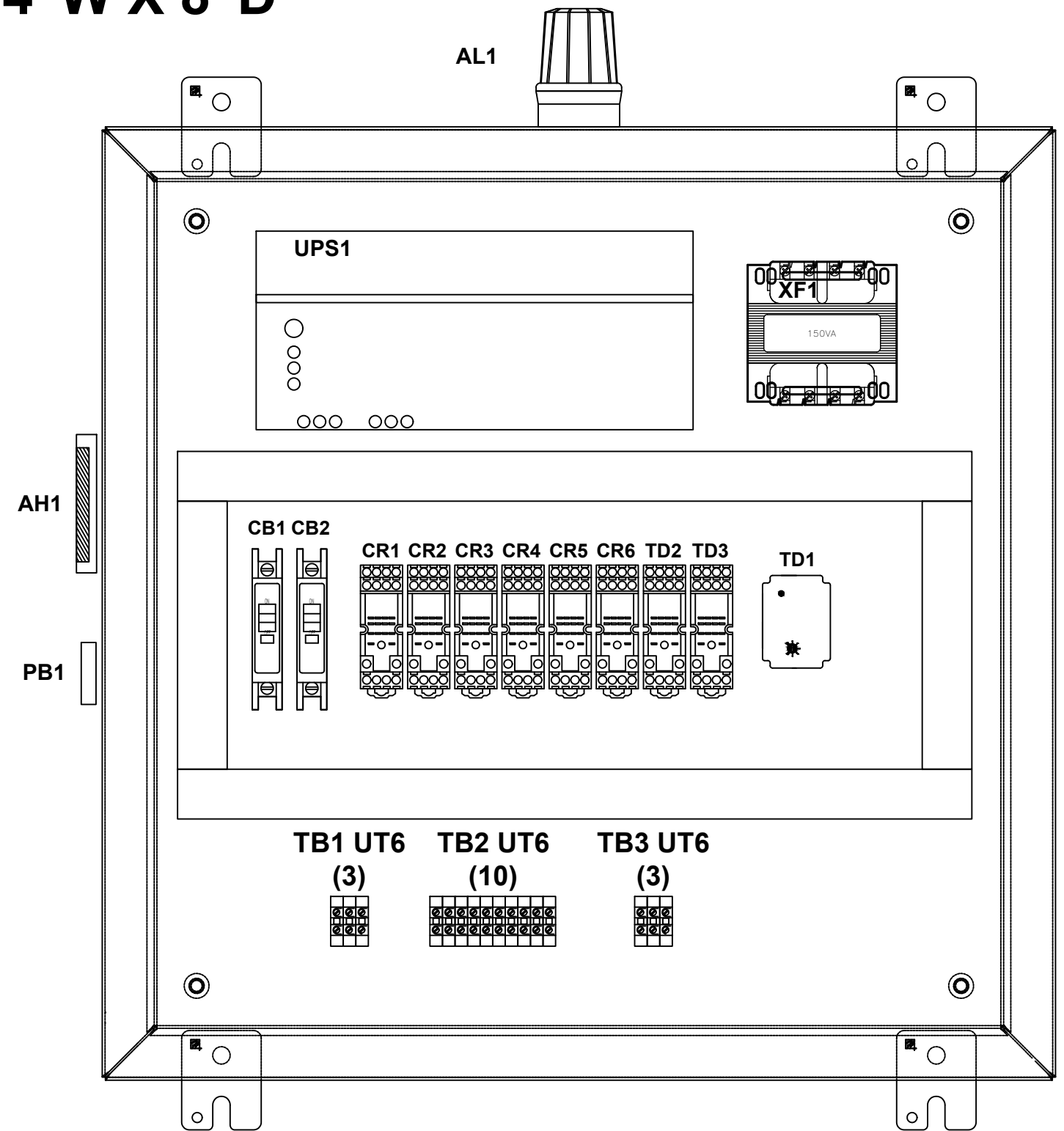
SHEET NUMBER	
2 OF 3	
NO.	REVISION HISTORY
A	SUBMITTALS
	3/21/19 TJC
DATE	BY

HOFFMAN, A24H2408ALLP, ALUMINUM ENCLOSURE, W/CLAMPS

24"H X 24"W X 8"D



OUTER DOOR VIEW



BACKPLATE VIEW

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LEE COUNTY, FL

MADER ELECTRIC MOTORS

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PANEL REQUIREMENTS

SYM.
VOLTAGE 120 VAC
PHASE 1 PHASE 3 WIRE
FREQUENCY 60 Hz
SCCR 5 kA RMS SYM
TOTAL FLA NA
TYPE 4X

LARGEST MOTOR POWER REQUIREMENTS

HP N/A
FLA N/A

PROJECT NUMBER
5004921

TAGS	QTY	IFS	CATALOG	MANUFACTURER	DESCRIPTION	QUERY2	QUERY3
ENCLOSURE	1	1033868	A24H2408ALLP	HOFFMAN	WHITE ALUMINUM TYPE 4X ENCLOSURE, 24 x 24 x 08 IN	WALL-MOUNT ENCLOSURE	NEMA 3, 3R, 4, 4X, 12, 13
ENCLOSURE	1	6000199	A24P24	HOFFMAN	PANEL, 21.00 x 21.00 IN, STEEL, WHITE	PANEL	WHITE
TB1,TB2	13	1038973	3044131	PHOENIX CONTACT	UNIVERSAL TERMINAL BLOCK - UT 6	FEED-THROUGH	57AMPS
UPS1	1	6002430	SDU500	SOLA	POWER SUPPLY, UNINTERRUPTIBLE, 120VAC, 500VA	120VAC/500VA	SINGLE-PHASE
CB1,CB2	2	1003024	QOU110	SCHNEIDER ELECTRIC	MINIATURE CIRCUIT BREAKER QOU - 1 POLE - 10A	1-POLE MINIATURE CIRCUIT BREAKER	10AMP
XF1	1	1027439	9070T150D13	SQD	INDUSTRIAL CONTROL TRANSFORMER, CLASS 9070, 0.15KVA, 120V-12/24V, 50/60HZ	CONTROL TRANSFORMER	0.15KVA
TD1	1	1003062	SR2P-06	IDEC	SOCKET, 8-PIN, CIRCULAR, TIME DELAY RELAY	SOCKET	8-PIN
TD1	1	1062544	CFB24A-7-30M	RK ELECTRONICS	TIME DELAY RELAY, MULTI FUNCTION TIMER, WITH INPUT, DELAYED SPST	OFF DELAY	24VDC
TD2,TD3	2	1037299	REXL4TMB7	TELEMECANIQUE	SWITCHABLE RANGES 0.1-1-10 SEC, 0.1-1-10 MIN, 0.1-1-10-100 HR W/ RXZE2M114M SOCKET	DELAY ON ENERGIZATION	24VAC
CR1,CR2,CR3,CR4,CR5,CR6,TD2,TD3	8	1028815	RXZE2M114M	SCHNEIDER ELECTRIC	SOCKET FOR RELAYS TYPE RXM	TYPE RXM	SOCKET
CR1,CR2,CR3,CR4,CR5,CR6	6	1031996	RXM4AB2B7	SCHNEIDER ELECTRIC	PLUG-IN MINIATURE RELAY, TYPE RXM, SOCKET RXZE2M114M, WITH LED	TYPE RXM	24VAC
LT1	1	1040206	9001-SKT35R31	TELEMECANIQUE	OCTAGONAL PILOT LIGHT \bar{A} 30 - IP 66 - RED - 24V - LUGS PTT	30mm	24V
AL1	1	1032855	SBN1224AD-R	INGRAM	BEACON, SBN LED, RED, TYPE 4X, 12-24VDC	LED	12-24VDC
AH1	1	1038316	AH1224D8R-RED	INGRAM	SOUND UNIT WITH GASKET, PIEZO, 12/24 VDC, 167.0/108.0 mA, 110+dB, UL 3, 3R, 4, 4X, 12, 13	12/24 VAC	SOUND UNIT
LITERATURE	1	1005652	1005652	PRIMEX	LITERATURE, SCHEMATIC	LITERATURE	SCHEMATIC
LITERATURE	1	1055250	1055250	SJE-RHOMBUS	FILE#S, UL, 508A	UL	ASSEMBLY
LITERATURE	1	1051682	1051682	SJE-RHOMBUS	LABEL, UL, 508A	UL	ASSEMBLY
LITERATURE	1	1041279	1041279	PRIMEX	LABEL, PRIMEX BUILT WITH PRIDE	LABEL	ASSEMBLY
LITERATURE	1	1038256	1038256	PRIMEX	LABEL, PRIMEX	LABEL	ASSEMBLY