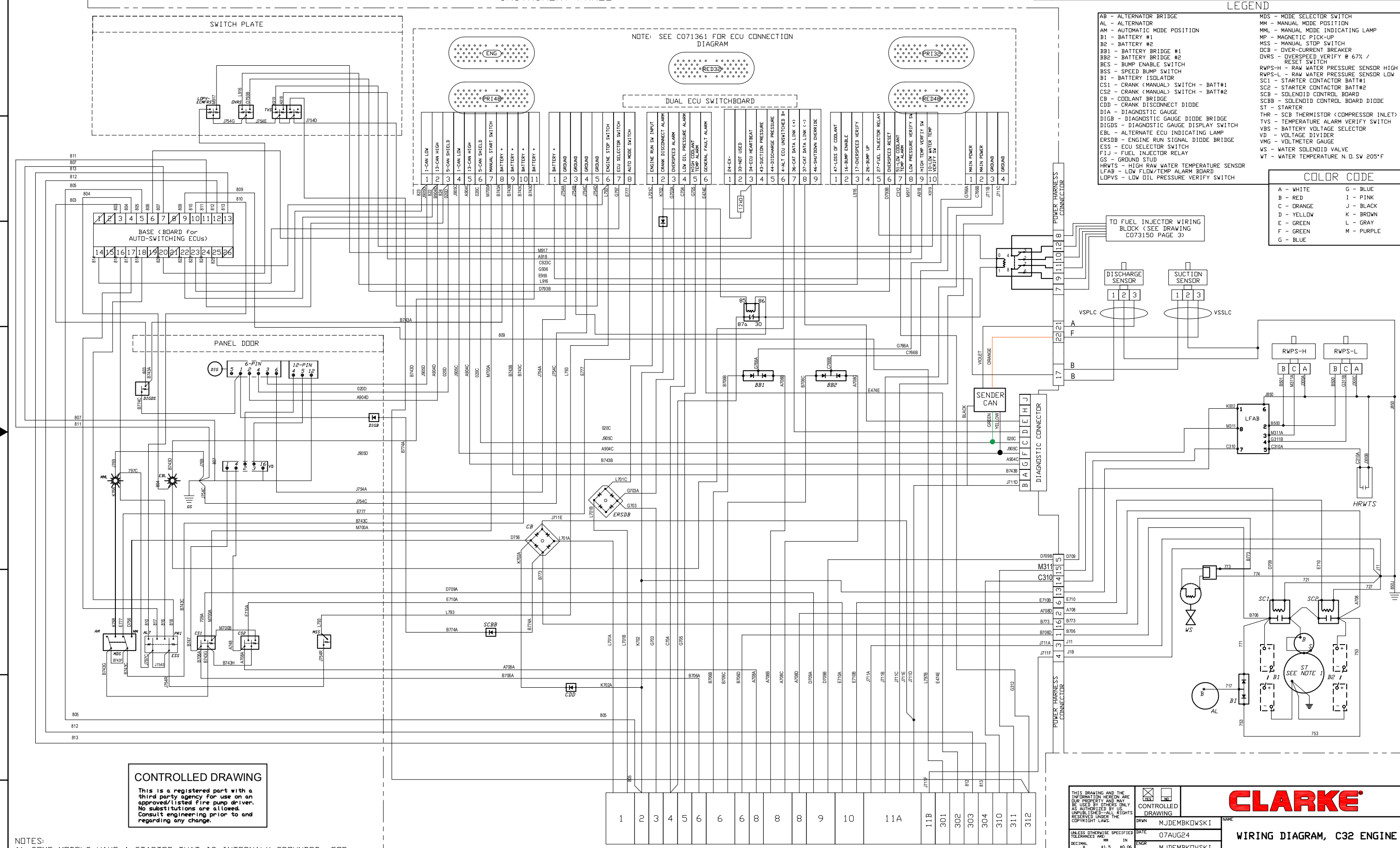
REV	DESCRIPTION	ECN#	DWN	APVD	DATE
A	ISSUED ENGINEERING DRAWING	7096	MJD	MJD	07AUG24



LEGEND

AB - ALTERNATOR BRIDGE
AL - ALTERNATOR
AM - AUTOMATIC MODE POSITION
B1 - BATTERY #1
B2 - BATTERY #2
BB1 - BATTERY BRIDGE #1
BB2 - BATTERY BRIDGE #2
BES - BUMP ENABLE SWITCH
BSS - SPEED BUMP SWITCH
BI - BATTERY ISOLATOR
CS1 - CRANK (MANUAL) SWITCH - BATT#1
CS2 - CRANK (MANUAL) SWITCH - BATT#2
CB - COOLANT BRIDGE
CDD - CRANK DISCONNECT DIODE
DIA - DIAGNOSTIC GAUGE
DIGB - DIAGNOSTIC GAUGE DIODE BRIDGE
DIGDS - DIAGNOSTIC GAUGE DISPLAY SWITCH
EBL - ALTERNATE ECU INDICATING LAMP
ERSDB - ENGINE RUN SIGNAL DIODE BRIDGE
ESS - ECU SELECTOR SWITCH
FIJ - FUEL INJECTOR RELAY
GS - GROUND STUD
HRWTS - HIGH RAW WATER TEMPERATURE SENSOR
LFAB - LOW FLOW/TEMP ALARM BOARD
LOPVS - LOW OIL PRESSURE VERIFY SWITCH
MDS - MODE SELECTOR SWITCH
MM - MANUAL MODE POSITION
MML - MANUAL MODE INDICATING LAMP
MP - MAGNETIC PICK-UP
MSS - MANUAL STOP SWITCH
OCB - OVER-CURRENT BREAKER
OVRS - OVERSPEED VERIFY @ 67% / RESET SWITCH
RWPS-H - RAW WATER PRESSURE SENSOR HIGH
RWPS-L - RAW WATER PRESSURE SENSOR LOW
SC1 - STARTER CONTACTOR BATT#1
SC2 - STARTER CONTACTOR BATT#2
SCB - SOLENOID CONTROL BOARD
SCBB - SOLENOID CONTROL BOARD DIODE
ST - STARTER
THR - SCB THERMISTOR (COMPRESSOR INLET)
TVS - TEMPERATURE ALARM VERIFY SWITCH
VBS - BATTERY VOLTAGE SELECTOR
VD - VOLTAGE DIVIDER
VMG - VOLTMETER GAUGE
WS - WATER SOLENOID VALVE
WT - WATER TEMPERATURE N.O. SW 205°F

COLOR CODE

A - WHITE	G - BLUE
B - RED	I - PINK
C - ORANGE	J - BLACK
D - YELLOW	K - BROWN
E - GREEN	L - GRAY
F - GREEN	M - PURPLE
G - BLUE	

CONTROLLED DRAWING

This is a registered part with a third party agency for use on an approved/listed fire pump driver. No substitutions are allowed. Consult engineering prior to and regarding any change.

NOTES:
1) SOME MODELS HAVE A STARTER THAT IS INTERNALY GROUNDED; FOR THOSE THE BATTERY NEGATIVE CABLE (GRD) SHOULD BE ATTACHED TO THE ENGINE BLOCK (ALL PAINT SHOULD BE REMOVED TO BARE METAL)

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CONTROLLED DRAWING: YES ☒ NO ☐

CLARKE®

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

	MM	IN
DECIMAL		
X	±1.5	±0.06
.XX	±0.8	±0.03
.XXX	±0.25	±0.01
FRACTIONAL	±1/32	
ANGULAR	±.5°	

SIMILAR TO

USED ON / LAYOUT PART NO.

DRWN	MJDEMBKOWSKI
DATE	07AUG24
ENGR	MJDEMBKOWSKI
MATERIAL	
NAME	WIRING DIAGRAM, C32 ENGINE
PART NO.	C073151
REV.	A
SCALE	NTS
UNITS	MM [INCH]
PAGE	1
OF	1