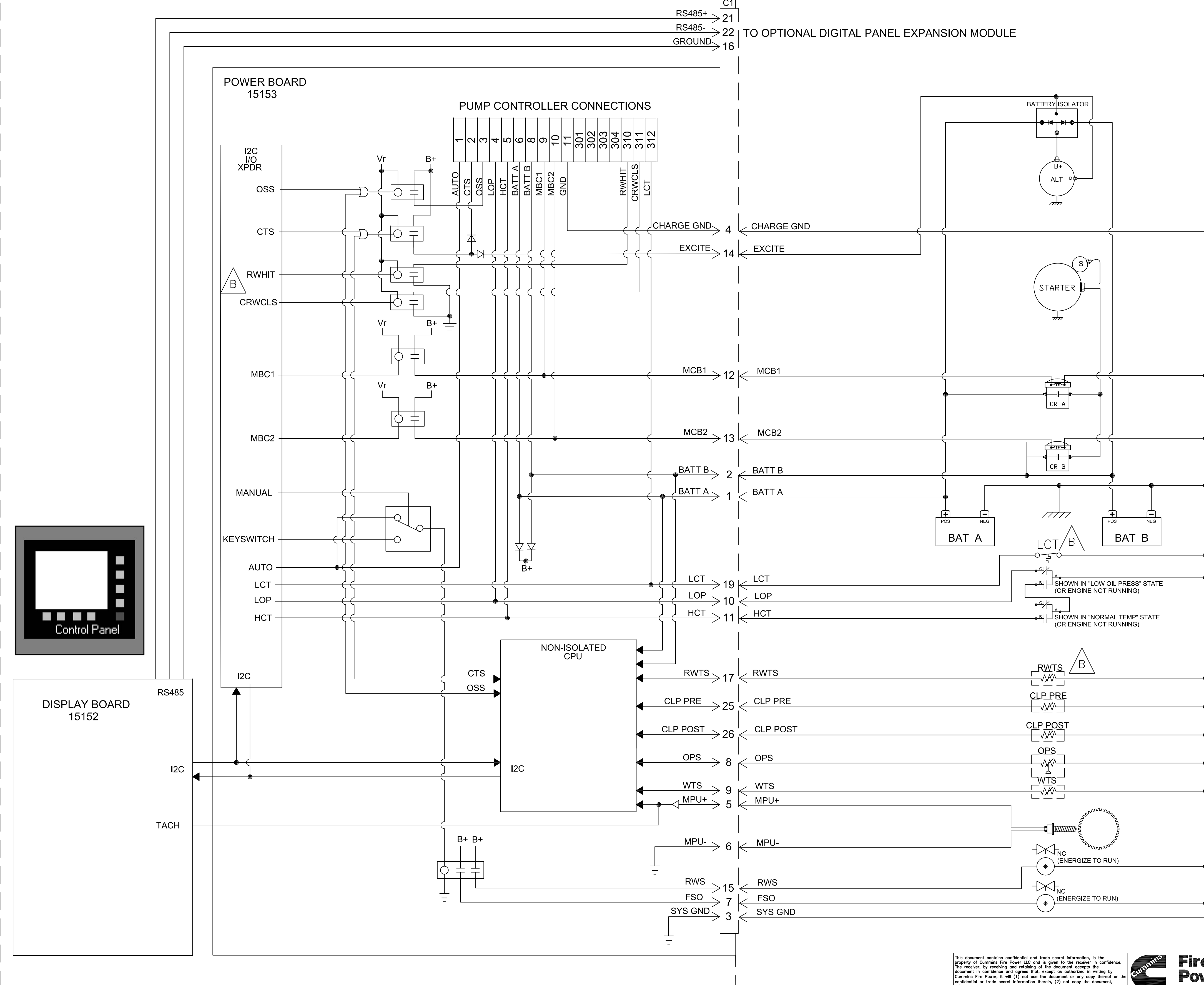


CONTROL PANEL ENCLOSURE



- LEGEND:**
- OSS = OVER SPEED SWITCH
  - CTS = CRANK TERMINATION SWITCH
  - MBC1 = MAIN BATTERY CONTACTOR 1
  - MBC2 = MAIN BATTERY CONTACTOR 2
  - LCT = LOW COOLANT TEMPERATURE
  - HCT = HIGH COOLANT TEMPERATURE
  - LOP = LOW OIL PRESSURE
  - FSO = FUEL SHUT OFF
  - RWS = RAW WATER SOLENOID
  - VSP = VARIABLE SPEED PRESURE
  - DOP PRE = DIFFERENTIAL OIL PRESSURE PRE
  - DOP POST = DIFFERENTIAL OIL PRESSURE POST
  - OPS = OIL PRESSURE SENDER
  - WTS = WATER TEMPERATURE SENDER
  - MPU = MAGNETIC PICK-UP
  - RWHT = RAW WATER HIGH INLET TEMP
  - CRWCLS = CLOGGED RAW WATER COOLING LOOP STRAINER
  - CLP PRE = COOLING LOOP PRESSURE PRE STRAINER
  - CLP POST = COOLING LOOP PRESSURE POST STRAINER
  - RWTS = RAW WATER TEMPERATURE SENDER

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CUSTOM DESIGN AND  
UPFIT CENTER  
875 LAWRENCE DRIVE  
DEPERE, WISCONSIN

SCHMATIC, MECHANICAL FIRE PUMP DRIVERS  
CFP MODELS: 33, 39, 59, 83, 50

REV	ENF	DESCRIPTION OF REVISION	BY	DATE
B	2014-107	ADDED COOLING LOOP SENSORS	RMJ	21FEB2014
A	2011-189	ADDED RS485 WIRES.	PBS	15JUN2011

UNLESS OTHERWISE SPECIFIED ALL DIMENSION TOLERANCES ARE

ANGULAR DIMENSIONS ± 1°	IMPERIAL UNITS	METRIC UNITS
	WORKING DIMENSIONS XX ± 0.006	WORKING DIMENSIONS XX ± 0.15
	FINISH DIMENSIONS XX ± 0.003	FINISH DIMENSIONS XX ± 0.075
	DRILL DIMENSIONS XX ± 0.004	DRILL DIMENSIONS XX ± 0.10

THIRD ANGLE PROJECTION

DWG UNITS: INCH/LB/S  
SCALE: EST WEIGHT:  
DRAWN BY: KAK  
DATE: 14 DEC 2009  
REF DRWG:  
SHEET 10F1  
DRAWING NO: 16122