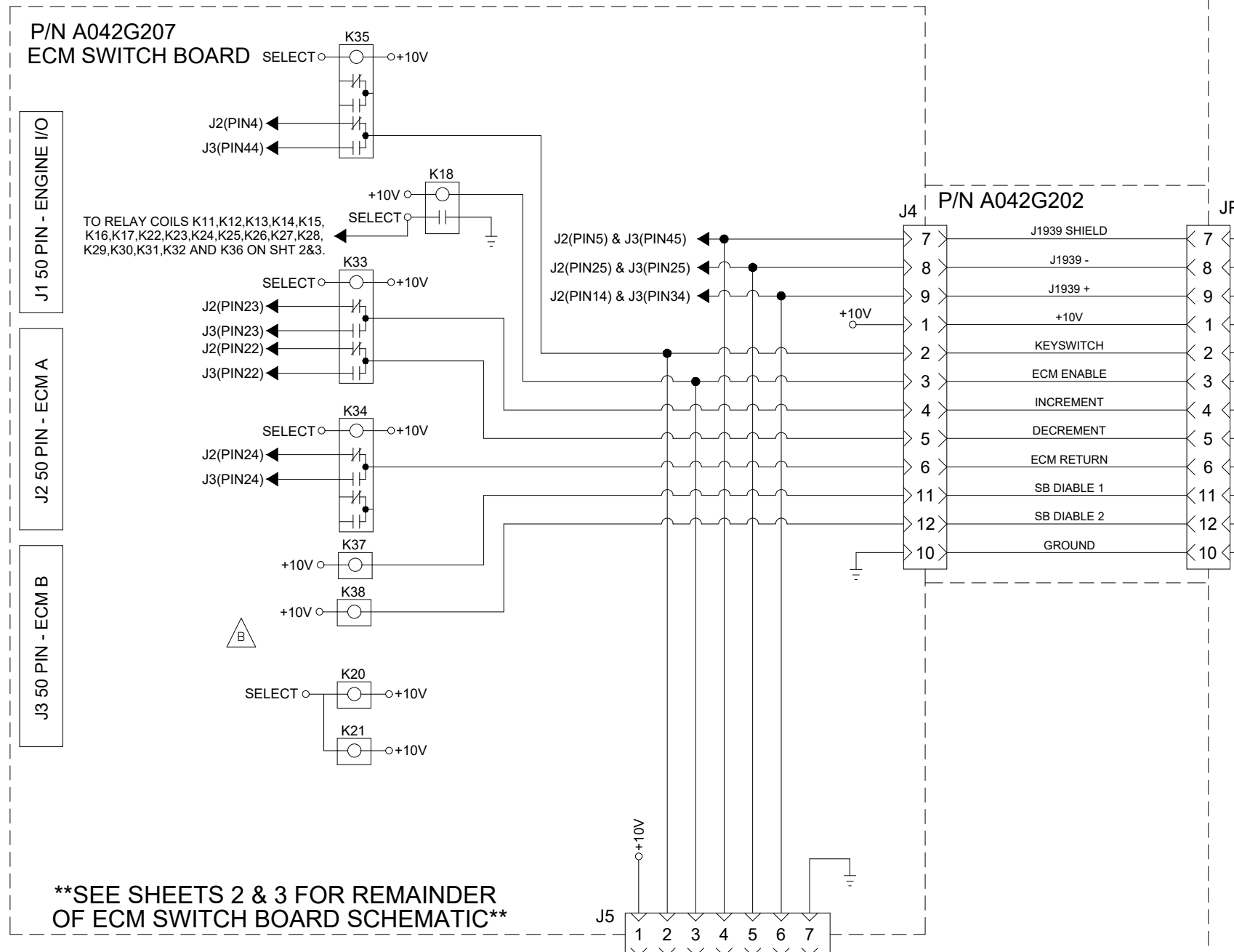
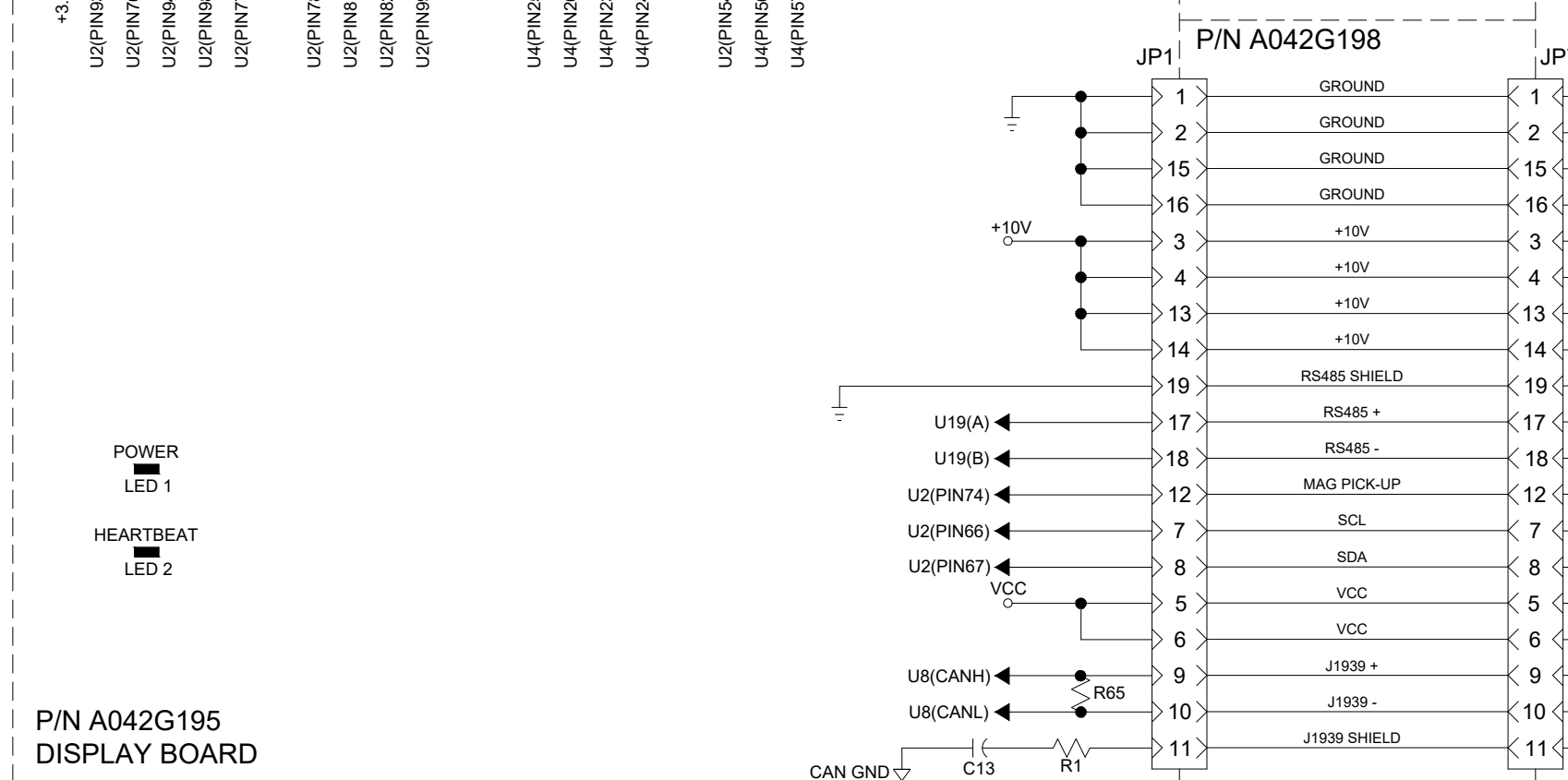
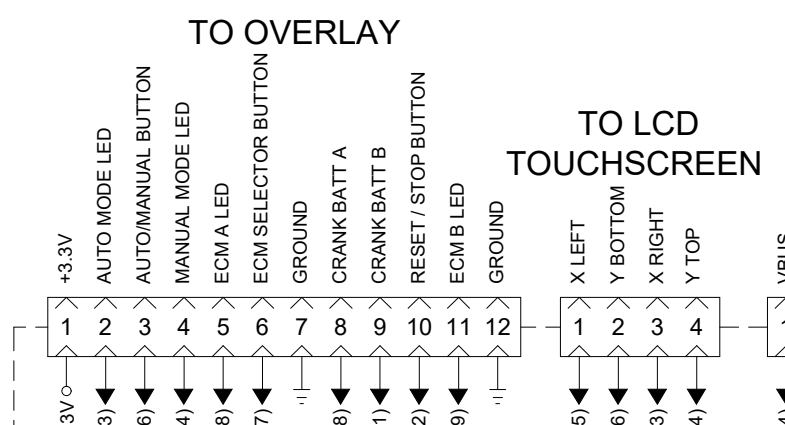


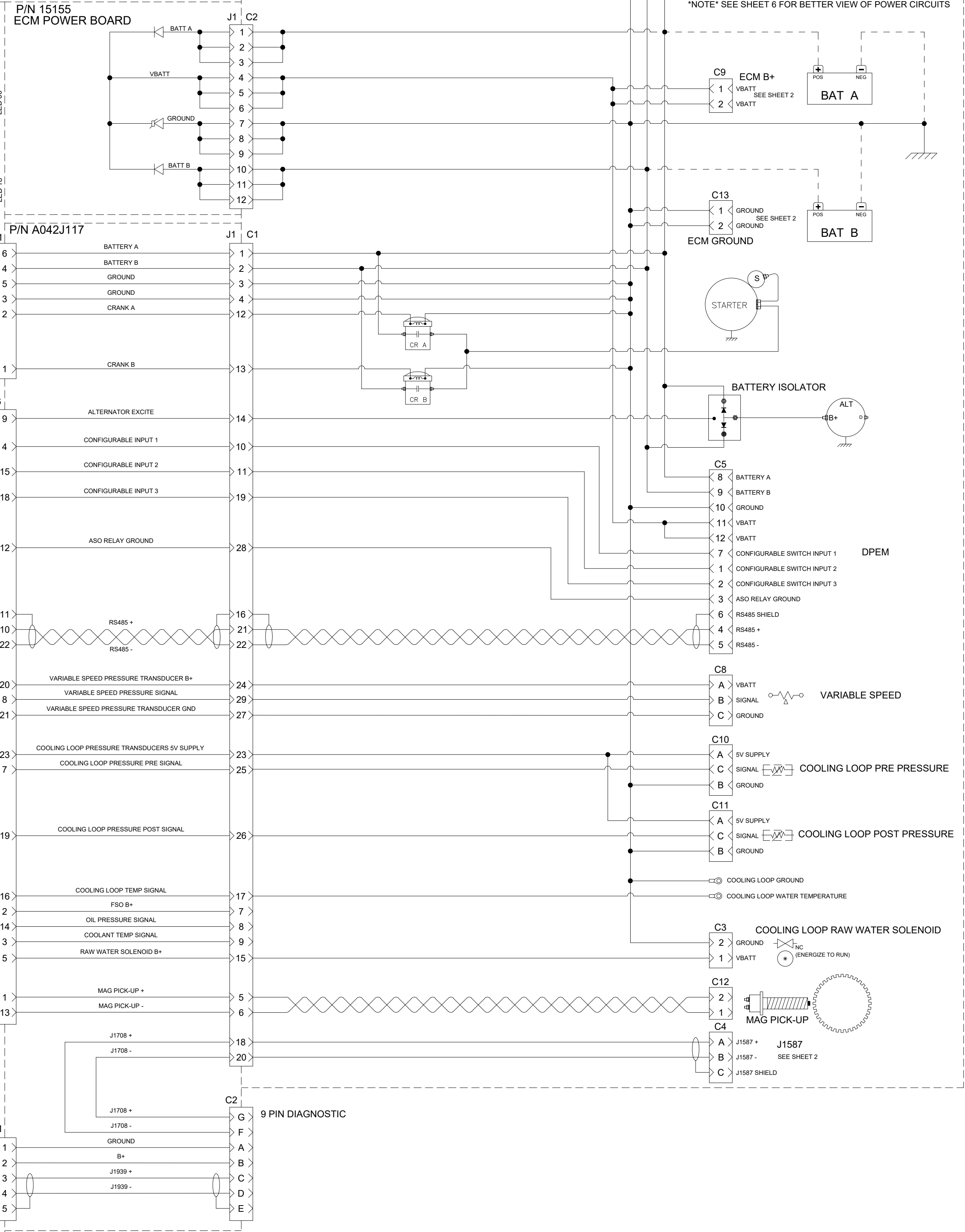
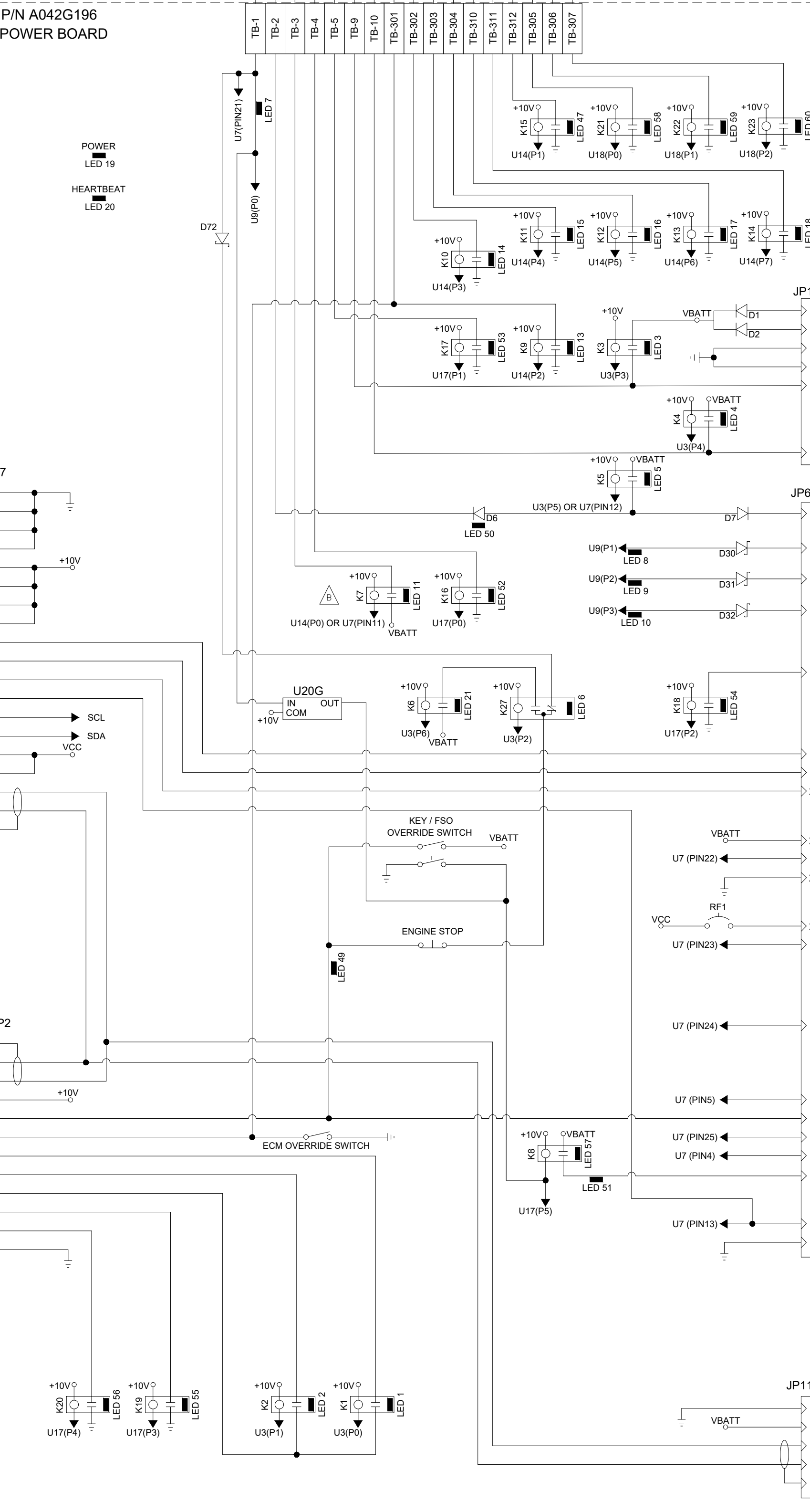
**FPDP GEN II**  
 CS P/N A042G185  
 SS P/N A042G187

**TERMINAL BLOCK LEGEND**

TB1	AUTO/MANUAL SWITCH
TB2	CRANK TERMINATION SWITCH
TB3	OVERSPEED SWITCH
TB4	LOW LUBRICANT PRESSURE SWITCH
TB5	HIGH ENGINE TEMPERATURE SWITCH
TB6	BATTERY 1 POSITIVE
TB8	BATTERY 2 POSITIVE
TB9	MAIN BATTERY CONTACT 1 COIL
TB10	MAIN BATTERY CONTACT 2 COIL
TB11	COMMON BATTERY 1 AND 2 NEGATIVE
TB301	ELECTRONIC CONTROL MODULE SWITCH
TB302	FUEL INJECTION MALFUNCTION
TB303	ELECTRONIC CONTROL MODULE WARNING
TB304	ELECTRONIC CONTROL MODULE FAILURE
TB310	RAW WATER HIGH INLET TEMPERATURE
TB311	CLOGGED RAW WATER COOLANT LOOP STRAINER
TB312	LOW ENGINE TEMPERATURE SWITCH



**\*\*SEE SHEETS 2 & 3 FOR REMAINDER OF ECM SWITCH BOARD SCHEMATIC\*\***



UNLESS OTHERWISE SPECIFIED ALL DIMENSION TOLERANCES ARE:

ANGULAR DIMENSIONS ± 1°	IMPERIAL UNITS	METRIC UNITS
0.0005	0.0005	0.0127
0.0010	0.0010	0.0254
0.0020	0.0020	0.0508
0.0050	0.0050	0.1270
0.0100	0.0100	0.2540
0.0200	0.0200	0.5080
0.0500	0.0500	1.2700
0.1000	0.1000	2.5400
0.2500	0.2500	6.3500
0.5000	0.5000	12.7000
1.0000	1.0000	25.4000
2.5000	2.5000	63.5000
5.0000	5.0000	127.0000
10.0000	10.0000	254.0000
25.0000	25.0000	635.0000
50.0000	50.0000	1270.0000
100.0000	100.0000	2540.0000
250.0000	250.0000	6350.0000
500.0000	500.0000	12700.0000
1000.0000	1000.0000	25400.0000

**SCHEMATICS, OVERALL, CFP23E**  
**FPDP GEN II**

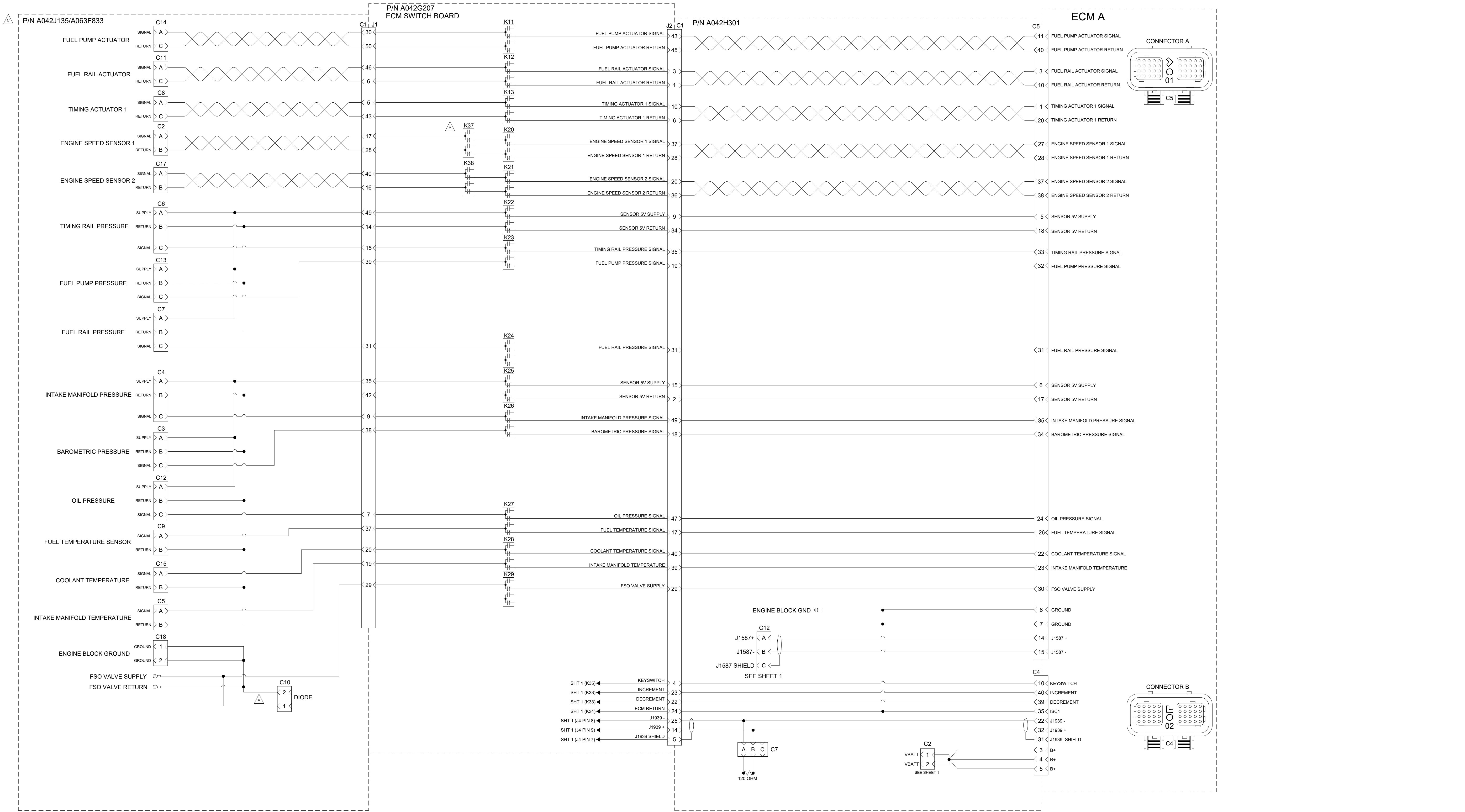
DWG UNITS: INCH/LB/S  
 SCALE: SHEET 1 OF 6  
 EST WEIGHT:

DRAWN BY: KAK  
 INIT ECO: 2016-694  
 DATE: 22 NOV 2016

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 875 LAWRENCE DRIVE  
 DEPTSEL, WISCONSIN

REV	ECO	DESCRIPTION OF REVISION	BY	DATE
C	2019-434	ADDED P/N FOR INDUSTRIAL SENS/ACTUATOR HARNESS	JF	04SEP19
B	2019-037	ADDED TB LEGEND, CORRECT SENSOR DISCONNECT CIRCUITRY AND CHANGED P55 DOUBLE RETURN TO POSITION 2	JF	24JAN2019
A	2017-498	CHANGED P55 DOUBLE RETURN POSITION TO POSITION 1	TJB	4AUG2017



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CUSTOM DESIGN AND  
UPFIT CENTER  
875 LAWRENCE DRIVE  
DEPERE, WISCONSIN

**SCHEMATICS, OVERALL, CFP23E  
FPDP GEN II**

UNLESS OTHERWISE SPECIFIED ALL DIMENSION TOLERANCES ARE:

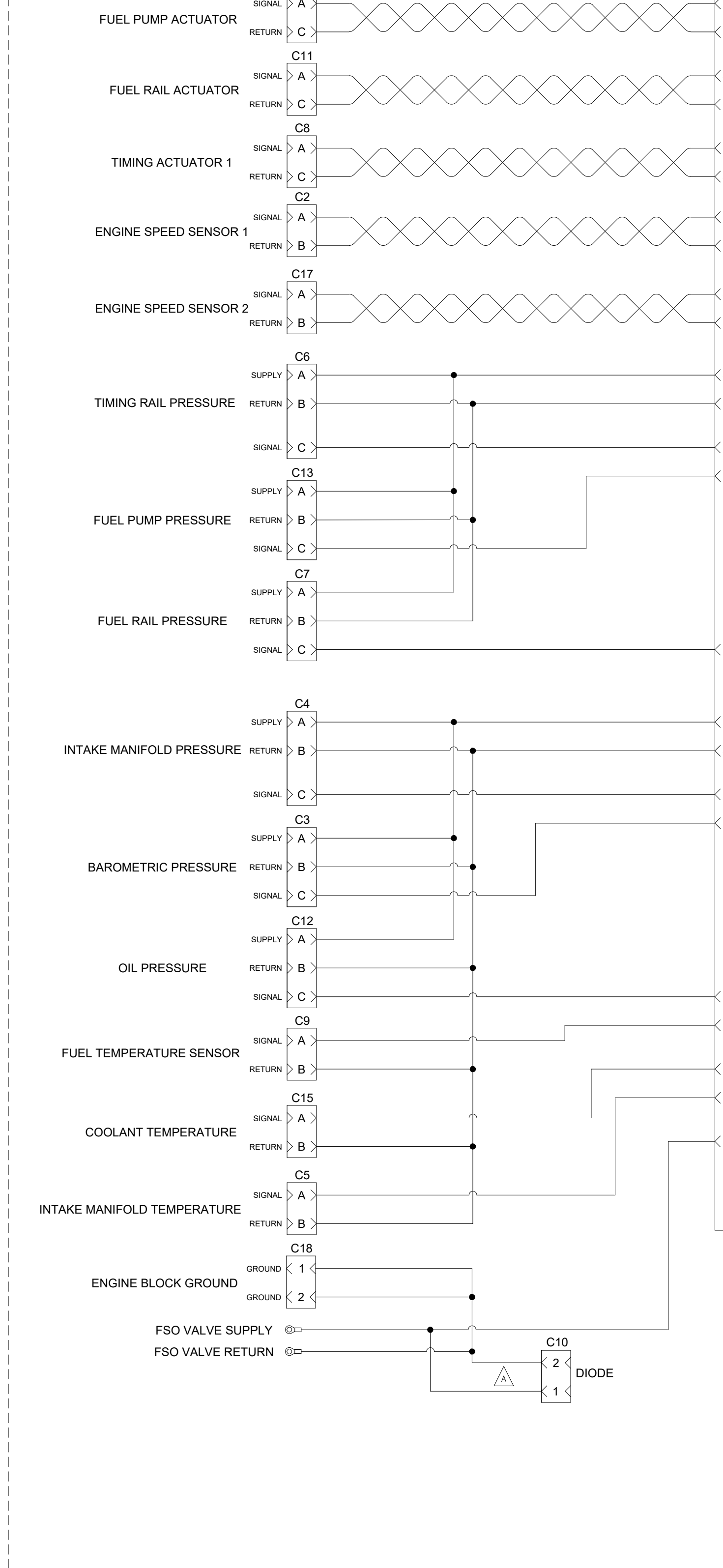
ANGULAR DIMENSIONS ± 1°	IMPERIAL UNITS	METRIC UNITS
0.005	0.005	0.125
0.010	0.010	0.250
0.015	0.015	0.375
0.020	0.020	0.500
0.030	0.030	0.750
0.040	0.040	1.000
0.050	0.050	1.250
0.060	0.060	1.500
0.070	0.070	1.750
0.080	0.080	2.000
0.090	0.090	2.250
0.100	0.100	2.500

DWG UNITS: INCH/LB/S	DRAWN BY: KAK	DATE: 22 NOV 2016
SCALE:	<b>AUTO CAD</b>	INIT ECO: 2016-694
EST WEIGHT:	SHEET 2 OF 6	DRAWING NO: A042J126

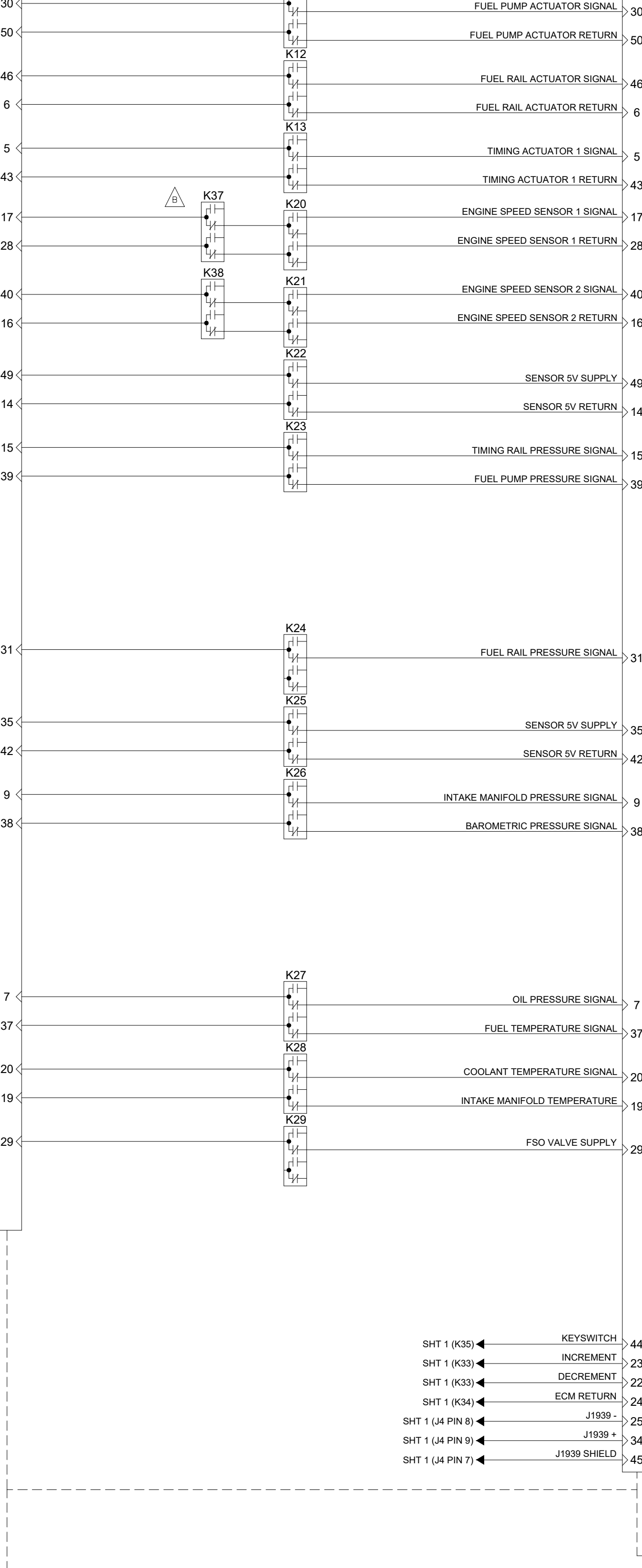
REV	DATE	DESCRIPTION OF REVISION	BY	DATE
A	2017-498	SEE SHEET 1 FOR DETAILS	TJB	4AUG2017
REV	ECO	DESCRIPTION OF REVISION		



P/N A042J135/A063F833



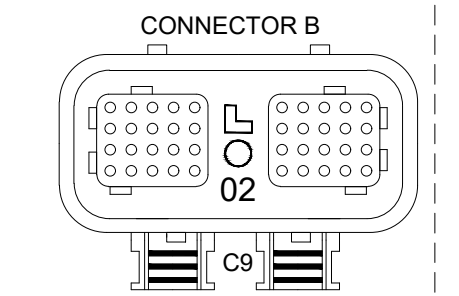
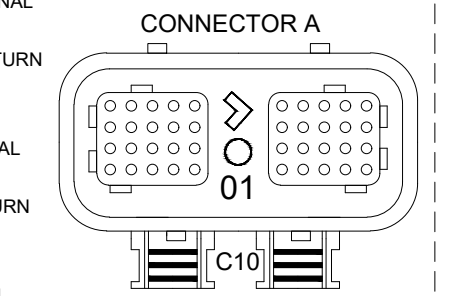
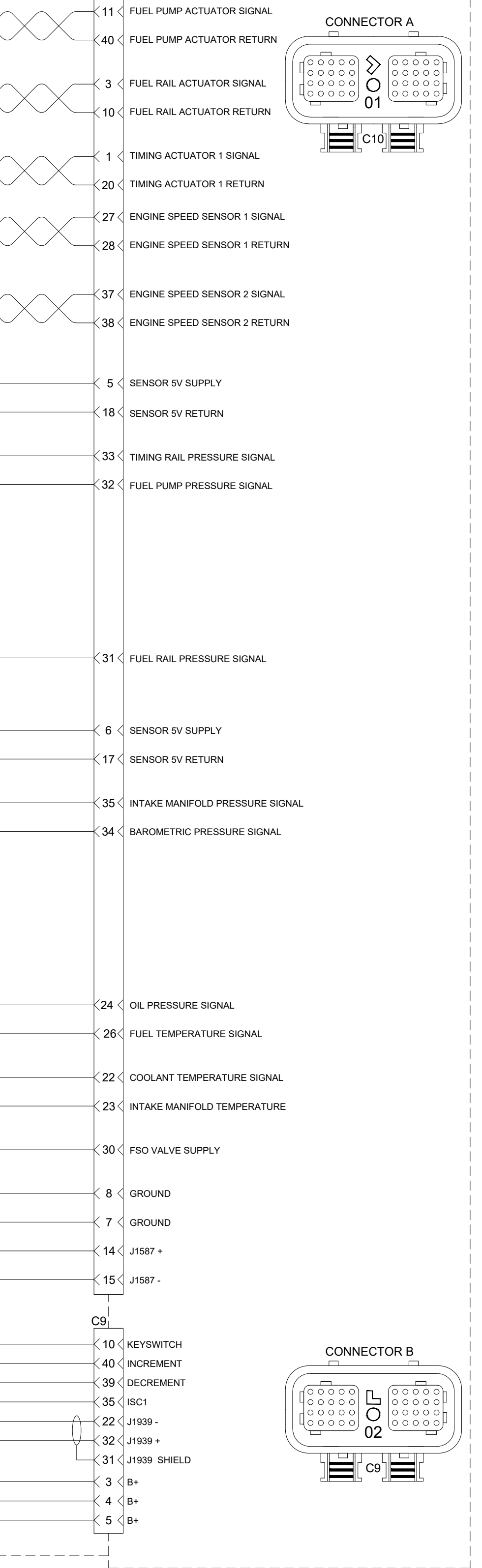
P/N A042G207  
ECM SWITCH BOARD



P/N A042H301



ECM B

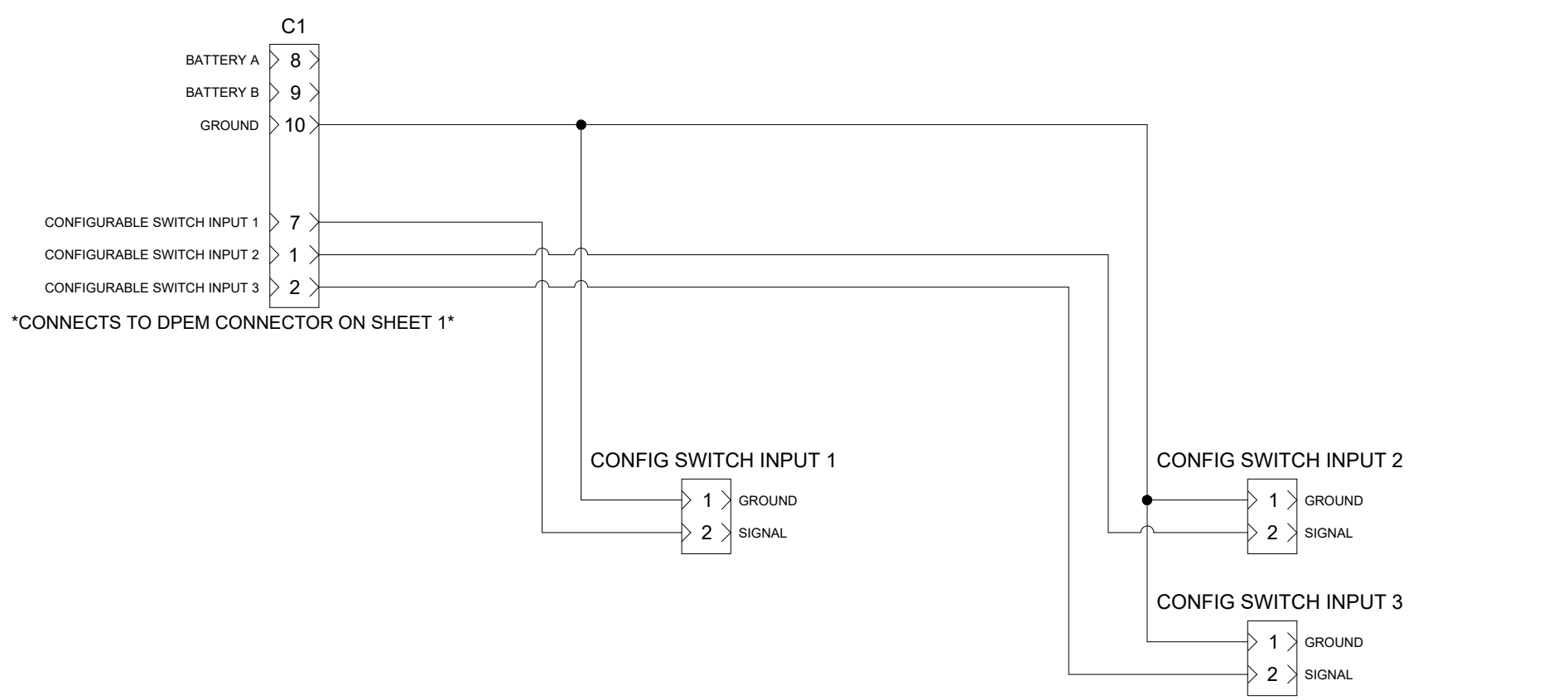


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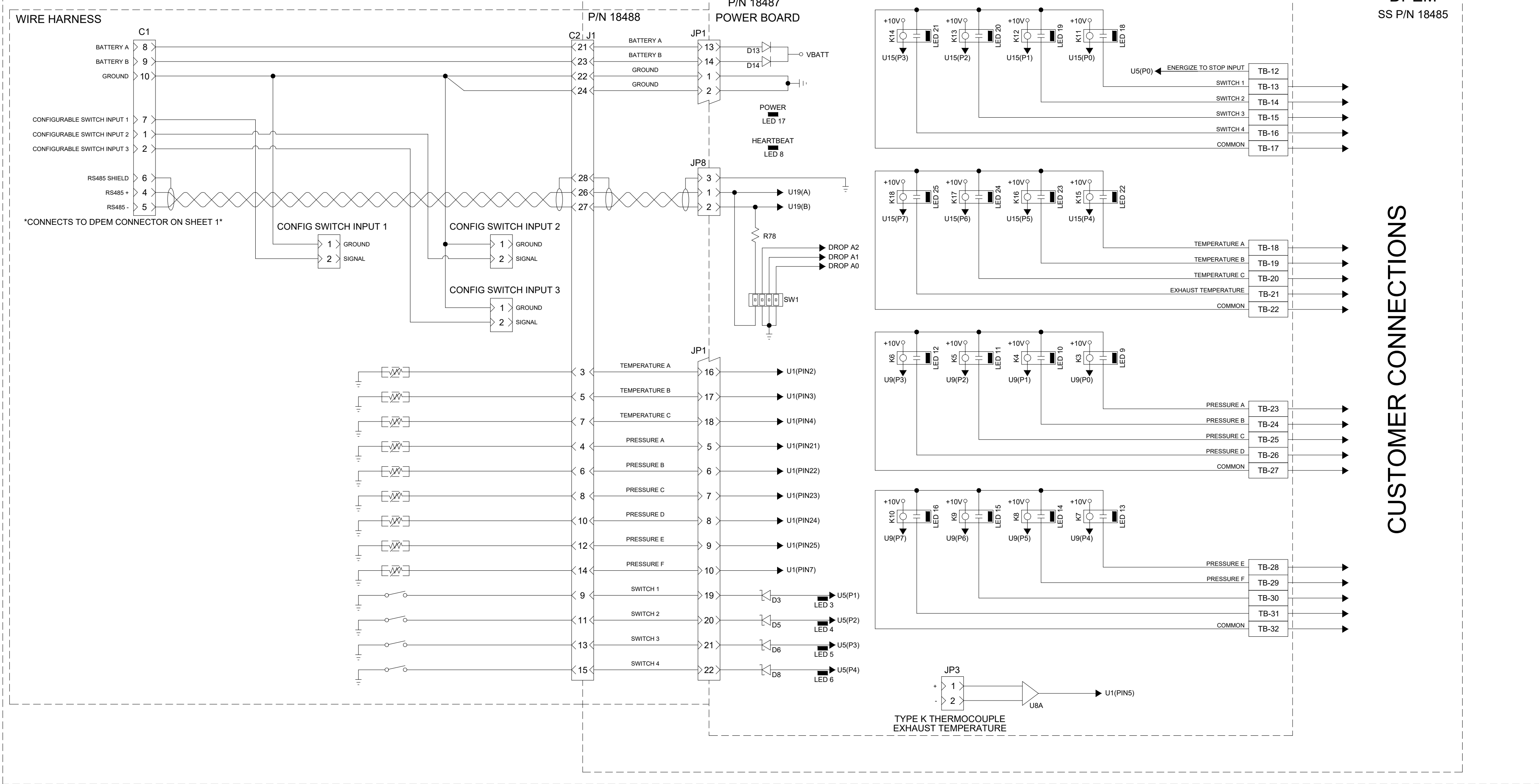
	CUMMINS NPOWER LLC CORPORATE OFFICE 1600 BURNLEY ROAD WHITE BEAR LAKE, MN WWW.CUMMINSNPOWER.COM	CUSTOM DESIGN AND UPFIT CENTER 875 LAWRENCE DRIVE DEPUE, WISCONSIN
	<b>SCHEMATICS, OVERALL, CFP23E</b> FPDF GEN II	
UNLESS OTHERWISE SPECIFIED ALL DIMENSION TOLERANCES ARE:	DWG UNITS: INCH/LB/S	DATE: 22 NOV 2016
ANGULAR DIMENSIONS ± 1°	SCALE: AUTO CAD	INIT ECO: 2016-694
THIRD ANGLE PROJECTION	EST WEIGHT:	SHEET 3 OF 6

A	2017-498	SEE SHEET 1 FOR DETAILS	TJB	4AUG2017
REV	ECO	DESCRIPTION OF REVISION	BY	DATE

**NO ASO OPTION WITH UP TO 3 SWITCHED INPUTS**



**DPEM OPTION WITH NO ASO**



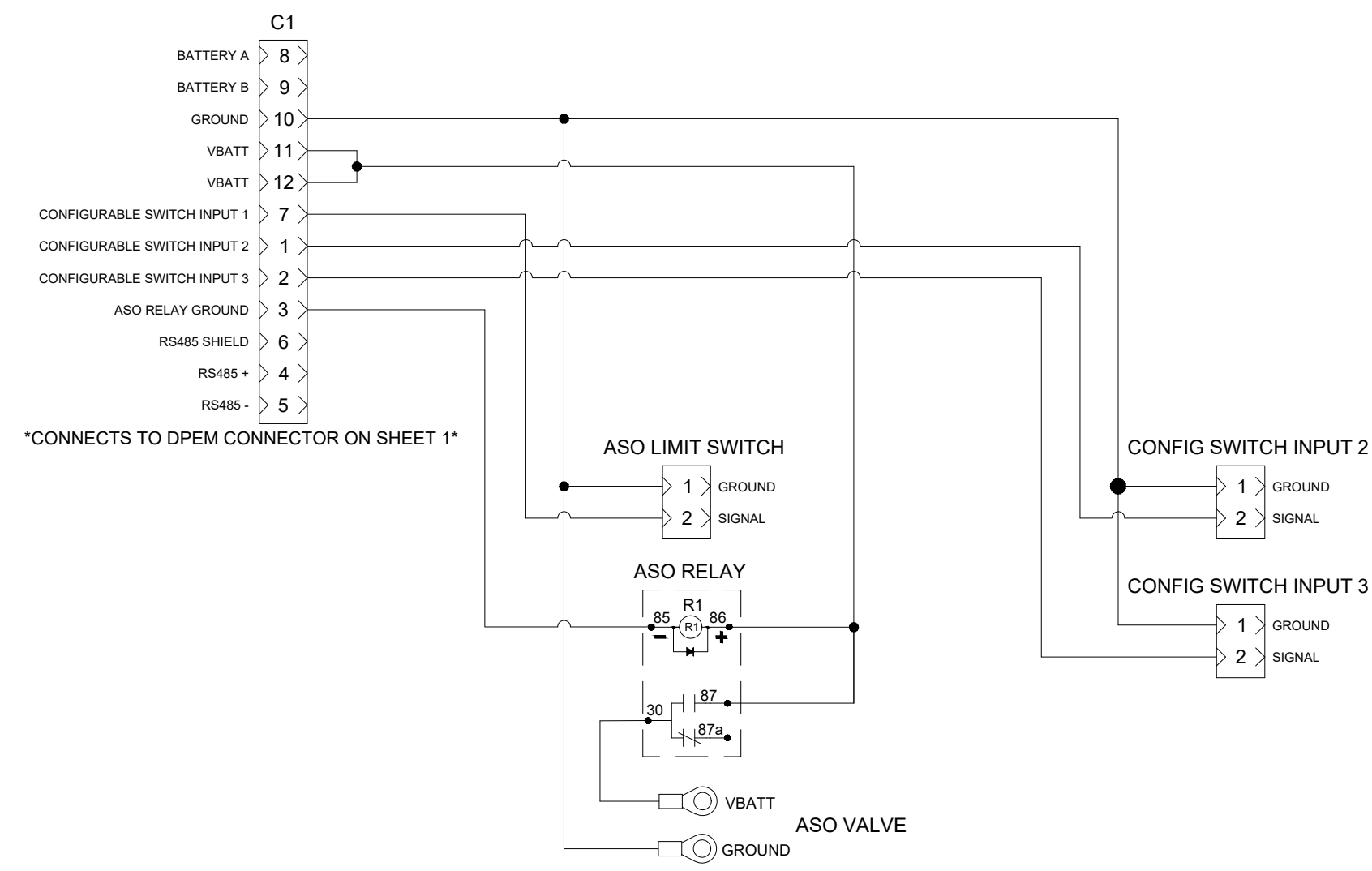
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UNLESS OTHERWISE SPECIFIED ALL DIMENSION TOLERANCES ARE:					
ANGULAR DIMENSIONS ± 1° THIRD ANGLE PROJECTION	IMPERIAL UNITS FRACTIONS DECIMALS MILLIMETERS DECIMALS	METRIC UNITS FRACTIONS DECIMALS MILLIMETERS DECIMALS	DWG UNITS: INCH/LB/S SCALE: EST WEIGHT:	DRAWN BY: KAK AUTO CAD SHEET 4 OF 6 DRAWING NO: A042J126	DATE: 22 NOV 2016 INIT ECO: 2016-694

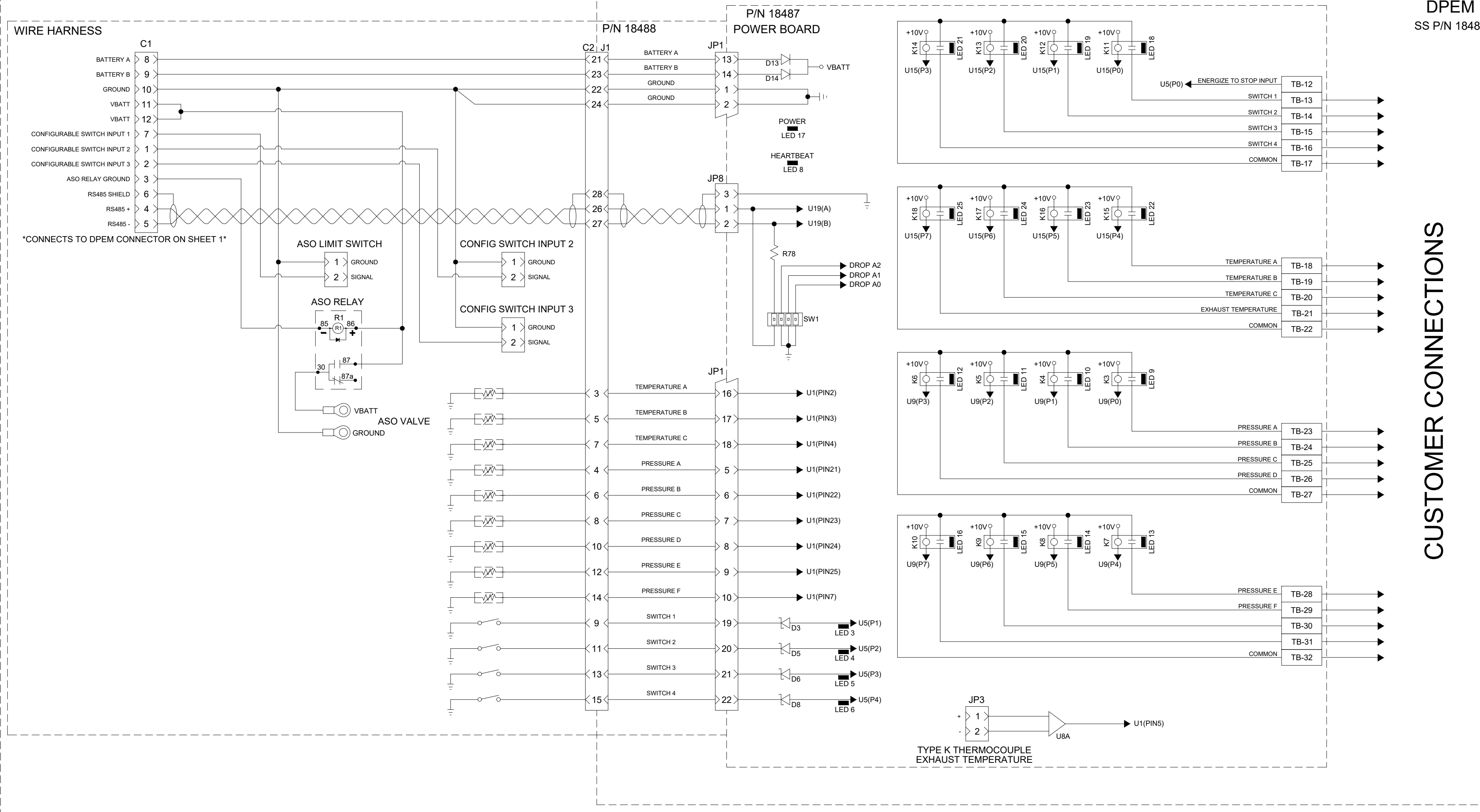
A	2017-498	SEE SHEET 1 FOR DETAILS	TJB	4AUG2017
REV	ECO	DESCRIPTION OF REVISION	BY	DATE

IF AIR SHUT-OFF (ASO) IS SELECTED, THE UL/FM LISTING IS REMOVED AS THIS OPTION IS NOT ALLOWED PER THE STANDARDS.

ASO OPTION WITH UP TO 2 SWITCHED INPUTS

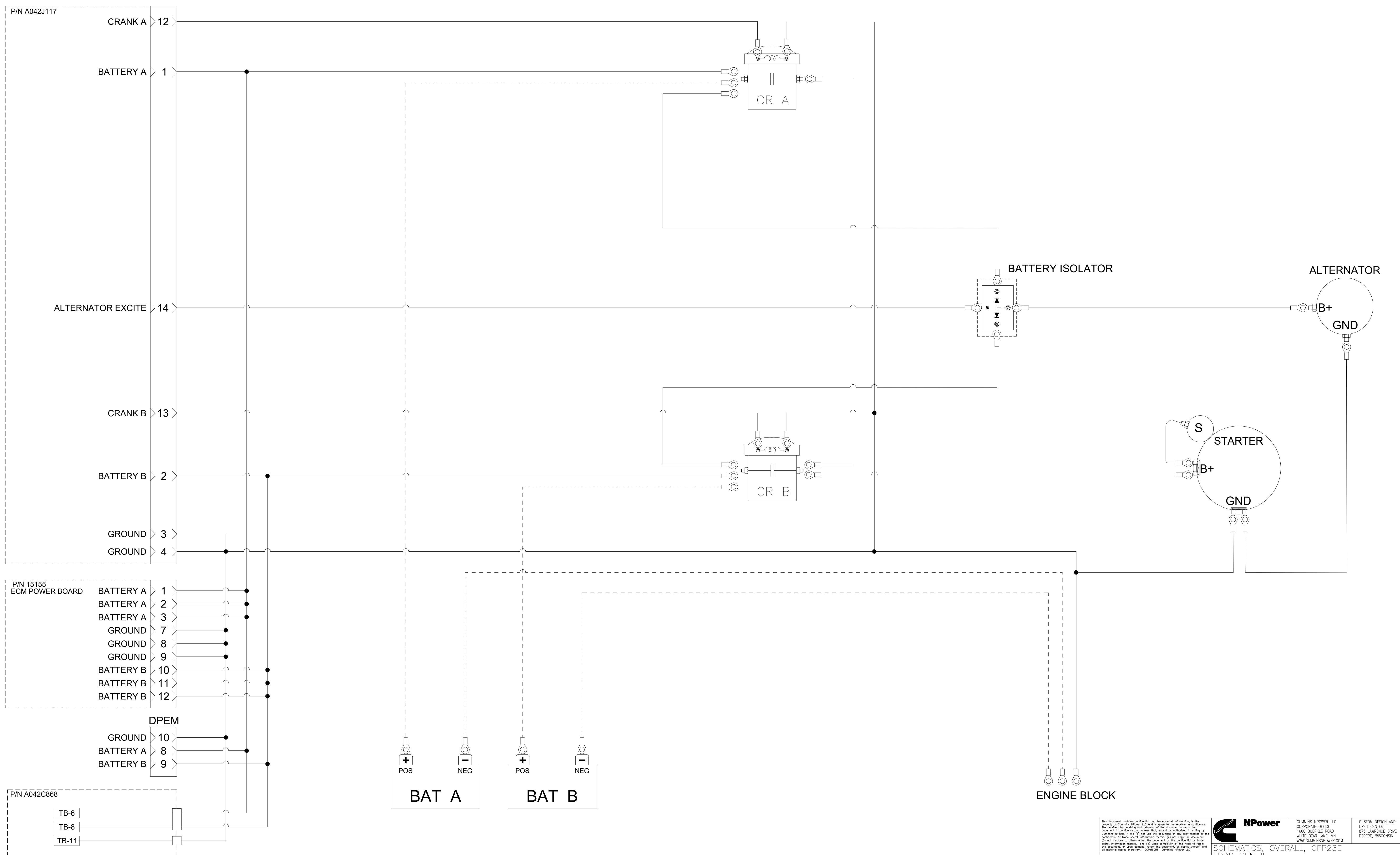


DPEM OPTION WITH ASO



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UNLESS OTHERWISE SPECIFIED ALL DIMENSION TOLERANCES ARE: ANGULAR DIMENSIONS ± 1° THIRD ANGLE PROJECTION DIMENSIONS IN INCHES AND DECIMALS THEREOF: FRACTIONS: 1/16, 1/8, 3/16, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, 1 1/4, 1 3/8, 1 1/2, 1 5/8, 1 3/4, 1 7/8, 2, 2 1/8, 2 1/4, 2 3/8, 2 1/2, 2 5/8, 2 3/4, 2 7/8, 3, 3 1/8, 3 1/4, 3 3/8, 3 1/2, 3 5/8, 3 3/4, 3 7/8, 4, 4 1/8, 4 1/4, 4 3/8, 4 1/2, 4 5/8, 4 3/4, 4 7/8, 5, 5 1/8, 5 1/4, 5 3/8, 5 1/2, 5 5/8, 5 3/4, 5 7/8, 6, 6 1/8, 6 1/4, 6 3/8, 6 1/2, 6 5/8, 6 3/4, 6 7/8, 7, 7 1/8, 7 1/4, 7 3/8, 7 1/2, 7 5/8, 7 3/4, 7 7/8, 8, 8 1/8, 8 1/4, 8 3/8, 8 1/2, 8 5/8, 8 3/4, 8 7/8, 9, 9 1/8, 9 1/4, 9 3/8, 9 1/2, 9 5/8, 9 3/4, 9 7/8, 10, 10 1/8, 10 1/4, 10 3/8, 10 1/2, 10 5/8, 10 3/4, 10 7/8, 11, 11 1/8, 11 1/4, 11 3/8, 11 1/2, 11 5/8, 11 3/4, 11 7/8, 12, 12 1/8, 12 1/4, 12 3/8, 12 1/2, 12 5/8, 12 3/4, 12 7/8, 13, 13 1/8, 13 1/4, 13 3/8, 13 1/2, 13 5/8, 13 3/4, 13 7/8, 14, 14 1/8, 14 1/4, 14 3/8, 14 1/2, 14 5/8, 14 3/4, 14 7/8, 15, 15 1/8, 15 1/4, 15 3/8, 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UNLESS OTHERWISE SPECIFIED ALL DIMENSION TOLERANCES ARE:

ANGULAR DIMENSIONS ± 1°	IMPERIAL UNITS	METRIC UNITS
0.005	0.005	0.125
0.010	0.010	0.250
0.020	0.020	0.500
0.050	0.050	1.250
0.100	0.100	2.500
0.200	0.200	5.000
0.500	0.500	12.500
1.000	1.000	25.000
2.000	2.000	50.000
5.000	5.000	125.000
10.000	10.000	250.000
20.000	20.000	500.000
50.000	50.000	1250.000
100.000	100.000	2500.000
200.000	200.000	5000.000
500.000	500.000	12500.000
1000.000	1000.000	25000.000

THIRD ANGLE PROJECTION

SCHEMATICS, OVERALL, CFP23E  
FPDP GEN II

DWG UNITS: INCH/LB/S  
SCALE: EST WEIGHT:

DRAWN BY: KAK  
DATE: 22 NOV 2016

CUMMINS NPOWER LLC  
CORPORATE OFFICE  
1600 BLUEVALE ROAD  
WHITE BEAR LAKE, MN  
WWW.CUMMINSNPOWER.COM

CUSTOM DESIGN AND  
UPFIT CENTER  
875 LAWRENCE DRIVE  
DEPUE, WISCONSIN

INIT ECO: 2016-694

SHEET 6 OF 6  
DRAWING NO: A042J126

REV	DESCRIPTION OF REVISION	BY	DATE
A	2017-498	SEE SHEET 1 FOR DETAILS	TJB 4AUG2017
REV	ECO	DESCRIPTION OF REVISION	DATE