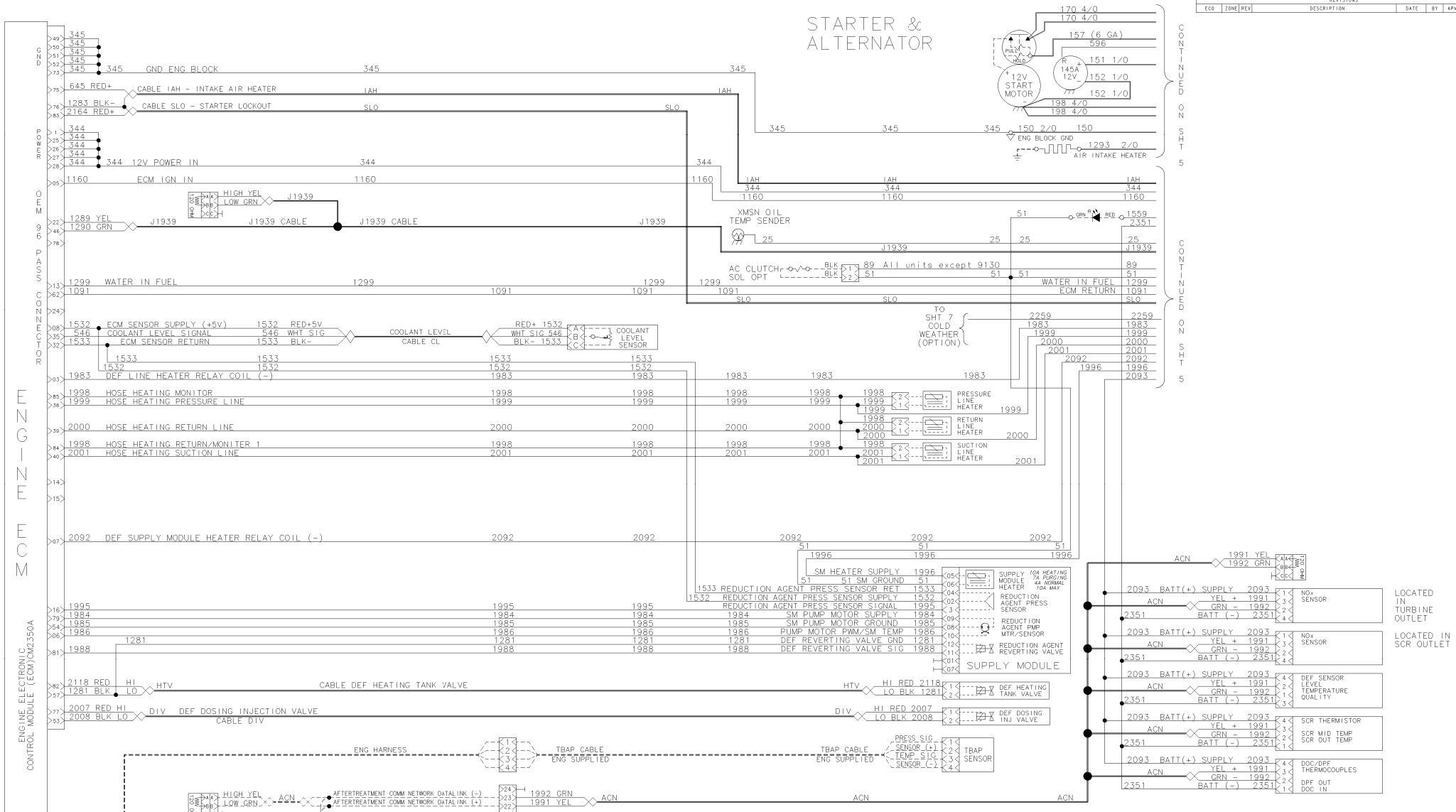


STARTER & ALTERNATOR



REVISIONS		DATE	BY	APP
ECD	ZONE/REV	DESCRIPTION		

NO.	DESCRIPTION	WIRING	TERMINAL	LOCATION
1559	RED	51	25	TO SHT 7 WEATHER (OPTION)
2351	J1939	25	25	
89	51	51	51	
1299	WATER IN FUEL	1299	1091	
1091	ECM RETURN	1091	1091	
1532	RED+ 1532	1532	1532	
546	WHIT SIG 546	546	546	
1533	BLK- 1533	1533	1533	
1983	1983	1983	1983	
1998	1998	1998	1998	
1999	1999	1999	1999	
2000	2000	2000	2000	
2001	2001	2001	2001	
2092	2092	2092	2092	
1996	1996	1996	1996	
2093	2093	2093	2093	

2093	BATT(+) SUPPLY	2093	YEL + 1991	1	NOx SENSOR	LOCATED IN TURBINE OUTLET
2351	ACN	2093	GRN - 1992	2		
2351	BATT (-)	2351	GRN - 1992	3		
2093	BATT(+) SUPPLY	2093	YEL + 1991	1	NOx SENSOR	LOCATED IN SCR OUTLET
2351	ACN	2093	GRN - 1992	2		
2351	BATT (-)	2351	GRN - 1992	3		
2093	BATT(+) SUPPLY	2093	YEL + 1991	1	DEF SENSOR LEVEL TEMPERATURE	
2351	ACN	2093	GRN - 1992	2		
2351	BATT (-)	2351	GRN - 1992	3		
2093	BATT(+) SUPPLY	2093	YEL + 1991	1	SCR THERMISTOR	
2351	ACN	2093	GRN - 1992	2		
2351	BATT (-)	2351	GRN - 1992	3		
2093	BATT(+) SUPPLY	2093	YEL + 1991	1	DOC/DPF THERMOCOUPLES	
2351	ACN	2093	GRN - 1992	2		
2351	BATT (-)	2351	GRN - 1992	3		

CARRIER AFTERTREATMENT (REQD W/TIER 4 ENGINE ONLY)

- LEGEND**
- BATTERY CABLES
 - OPTIONAL CABLES
 - STANDARD WIRING
 - EXISTING WIRING
 - OPTIONAL WIRING
 - CONNECTED WIRES
 - NON-CONNECTED WIRES
 - FUSIBLE LINK WIRE
 - FRAME GROUND
 - WIRE GROUND

QSB T4 FINAL ENGINE ONLY
QSB6.7 T4 FINAL ENGINE ONLY

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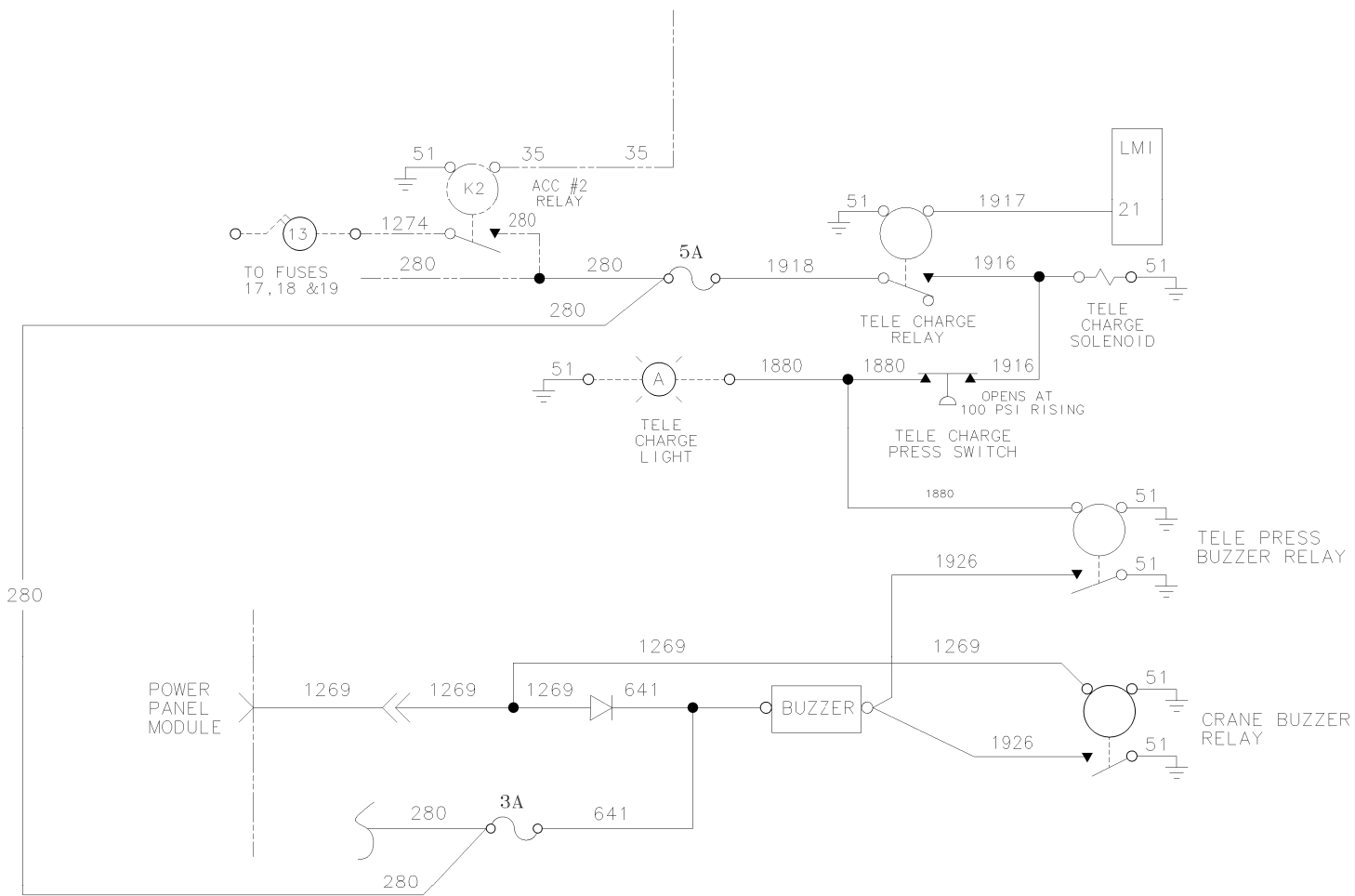
ADDITIONAL APPROVALS	DATE	BATTLE SPEC. NUMBER	DO NOT SCALE DRAWING	CONTRACT NO.	FIG. NO.	TITLE
REVISED			TEOLERANCES UNLESS OTHERWISE SPECIFIED	130781	1	ELECTRICAL SCHEMATIC
DESIGN						RT880E4F
WELDING						
DRY						
IF IN DOUBT ASK, REMOVE ALL BURRS AND SHARP EDGES						

OBSOLETES 80070836
GROVE, worldwide
RT880E4F
80071067
REV A

80071067

103

REVISIONS						
ECO	ZONE	REV	DESCRIPTION	DATE	BY	APP



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ADDITIONAL APPROVALS	DATE	DRAWING SPEC. NUMBER	DO NOT SCALE DRAWING	CONTRACT NO.	EGS 131266
REVISE		3RD ANGLE PROJECTION	TOLERANCES UNLESS OTHERWISE SPECIFIED	APPROVALS	DATE
WELDING			IN DIM DEC PLACES MM DIM.		
WELDING			N/A		
WELDING			1.00" 2 PLACE DEC		
WELDING			1.00" 3 PLACE DEC		
WELDING			1.016" 3 PLACE DEC		
WELDING			1.016" ANGULAR DIM		
WELDING			R1890E4		
IF IN DOUBT ASK. REMOVE ALL BURRS AND SHARP EDGES.			N/A TO MATERIAL THICKNESS		

GROVE. worldwide	
ELECTRICAL SCHEMATIC	
TELE CHARGE VALVE SUPPLEMENTAL	
SCALE	NET/01
DATE	REV
30-JULY-14	A
12351	80071674
1	51

80071674

101

1 CAD-I DWG