



DANGER

Danger of electrical shock, burns or death. Always remove all power sources before attempting any repair, service or diagnostic work. Power can be present from shore power, generator, inverter or battery. All power sources must be disabled and secured before performing any service.



CAUTION

If you lack the skills, tools or equipment to perform diagnostic or repair work leave such work to an authorized Winnebago Industries dealer or other qualified shop.

8	7
DRAWING NO.	SHEET
187249-01	1,2,3
187249-02	1,2,4
187249-03	1,2,5
187249-04	1,2,6

		6	5	4	3	2			
		524M	524J	524G	524V				
GROUND	8-G	136145-02-036	136145-02-020	136145-02-030	136145-02-015				
GENERATOR CABLE ASM	UL	164957-02-044	164957-07-035	164957-02-042	164957-02-042	33F			
	CA	164957-04-044	164957-08-035	164957-04-042	164957-04-042	33F			
THROW IN WIRE #1	1B1		136131-05-014	4					
	265		136134-05-014	4					
THROW IN WIRE #2	1B1				136131-19-017				
	265				136134-19-017				
THROW IN WIRE #3	1B1								
	265								
THROW IN WIRE #4	1B1	136131-03-006	4	136131-03-006	4	136131-03-006	4	401	
	265	136134-03-006	4	136134-03-006	4	136134-03-006	4	401	
THROW IN WIRE #5	1B1	136131-19-004	4	136131-19-004	4	136131-19-004	4	401	
	265	136134-19-004	4	136134-19-004	4	136134-19-004	4	401	
RED	1B1	136135-07-027		136135-07-033		136135-07-050			
	265	136136-07-027		136136-07-033		136136-07-050			
YEL	1B1	136131-05-025		136131-05-019		136131-05-025			
	265	136134-05-025		136134-05-019		136134-05-025			
BLK	1B1	136135-06-012		136135-06-012		136135-06-015			
	265	136136-06-012		136136-06-012		136136-06-015			
BLK-2	1B1	136135-22-041				136135-22-060			
	265	136136-22-041				136136-22-060			
BRN	1B1	136131-03-040	4	136131-03-037	4	136131-03-045	4	136131-03-038	4
	265	136134-03-040	4	136134-03-037	4	136134-03-045	4	136134-03-038	4
BRN-2	1B1	136131-19-112	5	136131-19-150	5	136131-19-165	4	136131-19-160	4
	265	136134-19-112	5	136134-19-150	5	136134-19-165	4	136134-19-160	4
BLU	1B1	136131-02-175		136131-02-185		136131-02-190		136131-02-225	
	265	136134-02-175		136134-02-185		136134-02-190		136134-02-225	
WHT	1B1	136135-09-020		136135-09-016		136135-09-022		136135-09-028	
	265	136136-09-020		136136-09-016		136136-09-022		136136-09-028	
MAIN	1B1	136137-01-055		136137-01-035		136137-01-039		136137-01-042	
	265	136138-01-055		136138-01-035		136138-01-039		136138-01-042	
SLIDEOUT WIRE #1		136151-19-034	2						
SLIDEOUT WIRE #2									
ORG	1B1					136131-16-048			
	265					136134-16-048			

RELEASE	REV/DATE	DWG NO	187249
REV ZONE	REVISION RECORD	DATE	DFT-ORIG

- 33F
- 33F
- 401
- 401
- 401
- 401

- 401 INVERTER-DC/AC, 1000 WATT
- 22K DINETTE L-SHAPED-SECTIONAL
- 33F GEN-3.5 KW ONAN DIESEL
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265

WINNEBAGO COPYRIGHT 2014 WINNEBAGO INDUSTRIES, INC.

DFT-ORIG	ORIG. DATE
CHKR	ALL DIMENSIONS ARE IN MILLIMETERS
P.E.	
M.E.	FIRST USED
DSNR	15 500-SERIES

UNSPECIFIED TOLERANCES ARE:

WHOLE DIM (X)	: 3
ONE-PLACE (X.X)	: 1.5
TWO-PLACE (X.XX)	: 0.50
ANGLE	: 1°

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES

TITLE: **LOAD CENTER/ATS ASM**

SHEET 1 OF 6 PART NO **187249** REV

REF: 1 18-Nov-2015

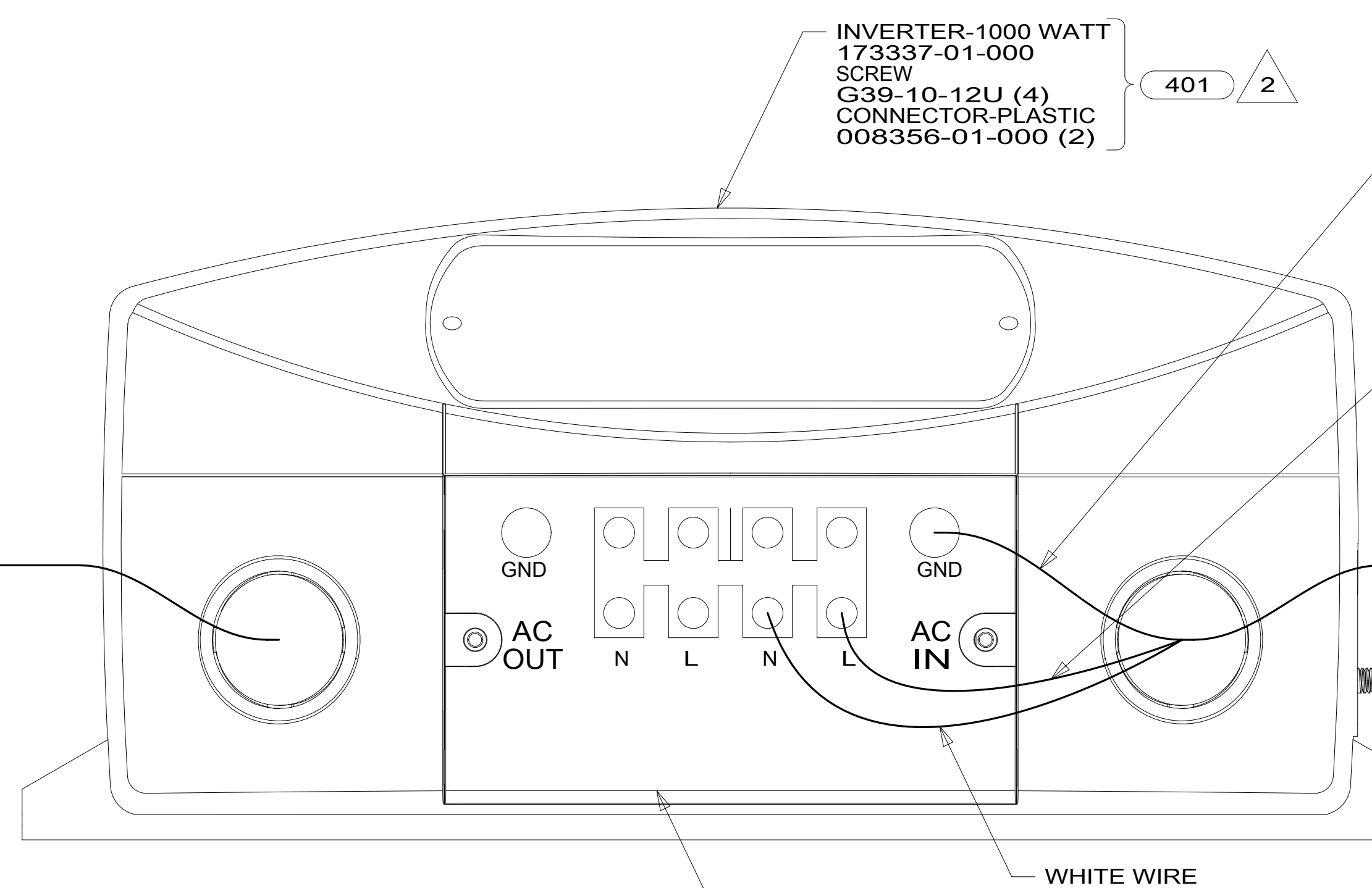
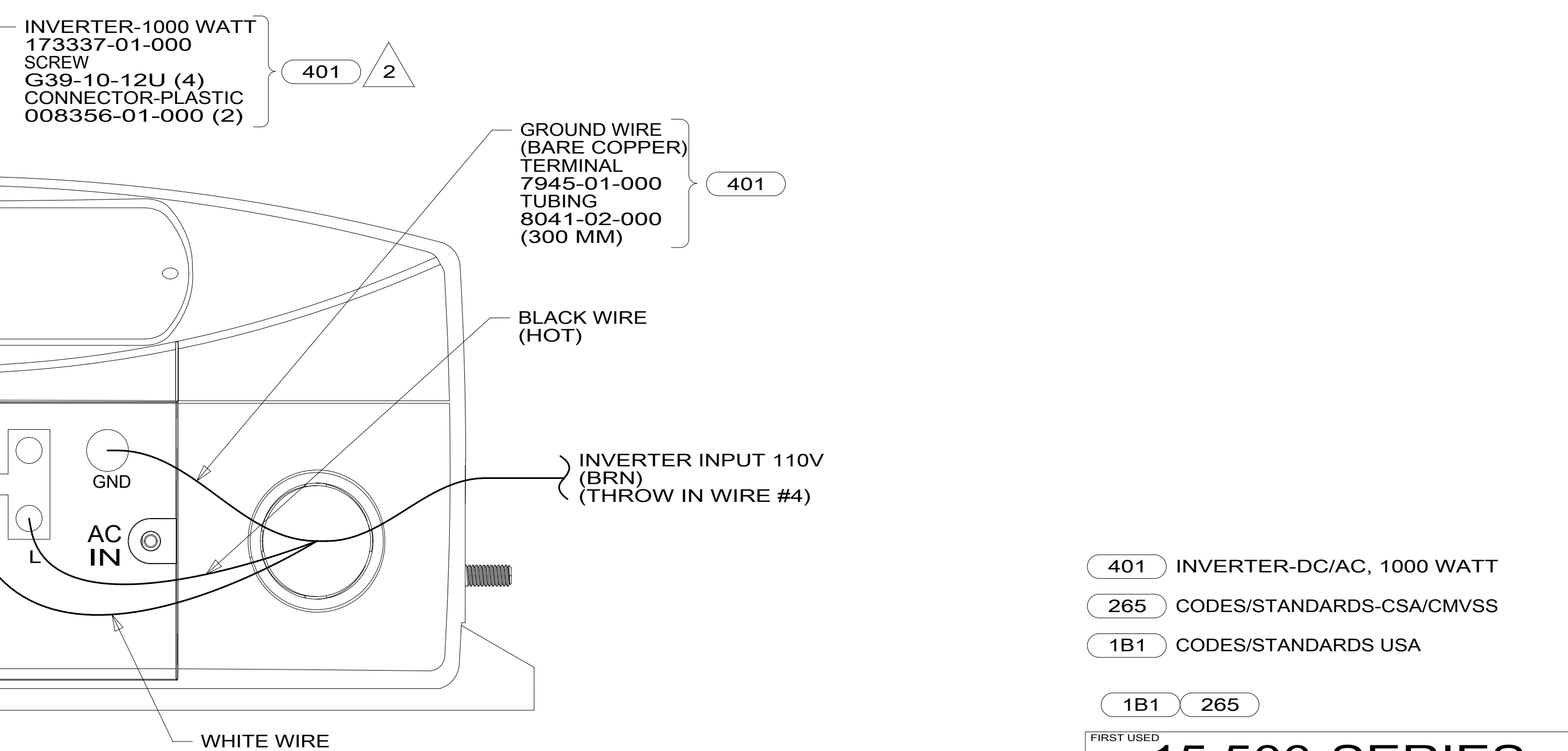
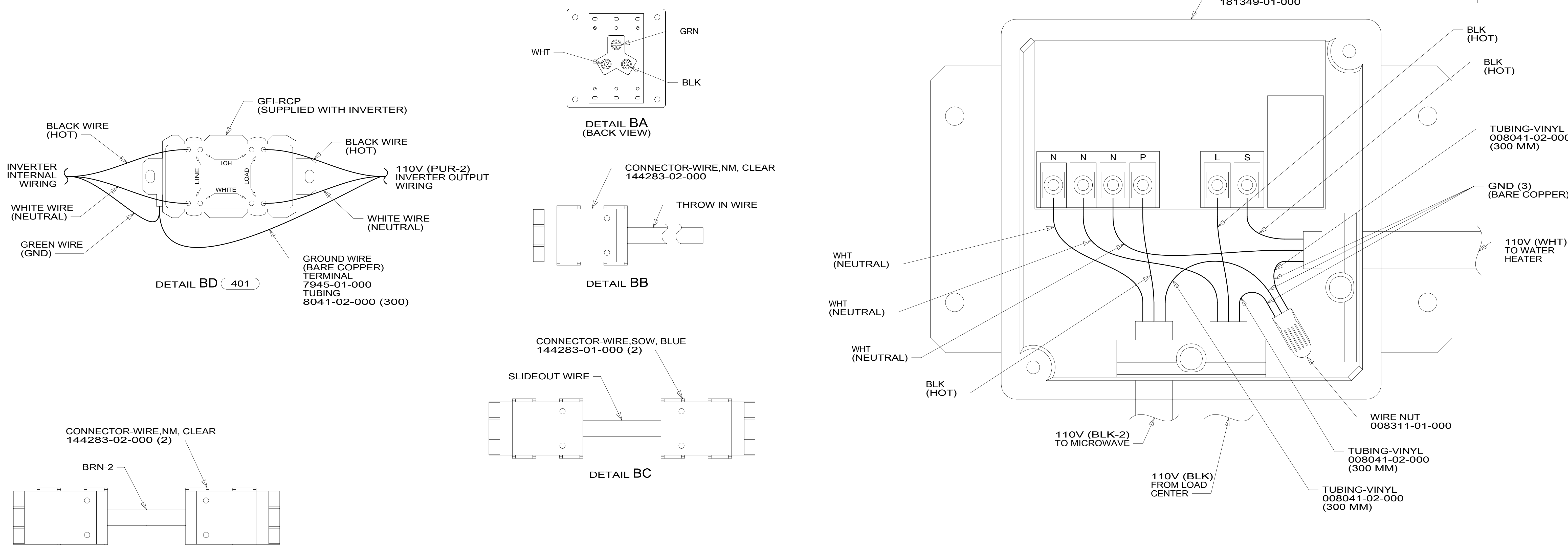
- 5 FOR CONNECTOR INSTALLATION SEE DETAIL BE.
 - 4 FOR CONNECTOR INSTALLATION SEE DETAIL BB.
 - 3 NOT USED WITH 22K
 - 2 FOR CONNECTOR INSTALLATION SE DETAIL BC.
1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

187249

MODULE-POWER SHARE
181349-01-000



2 INVERTER SUPPLIED WITH REMOTE PANEL. SEND PANEL TO MANUFACTURING LINE.

1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

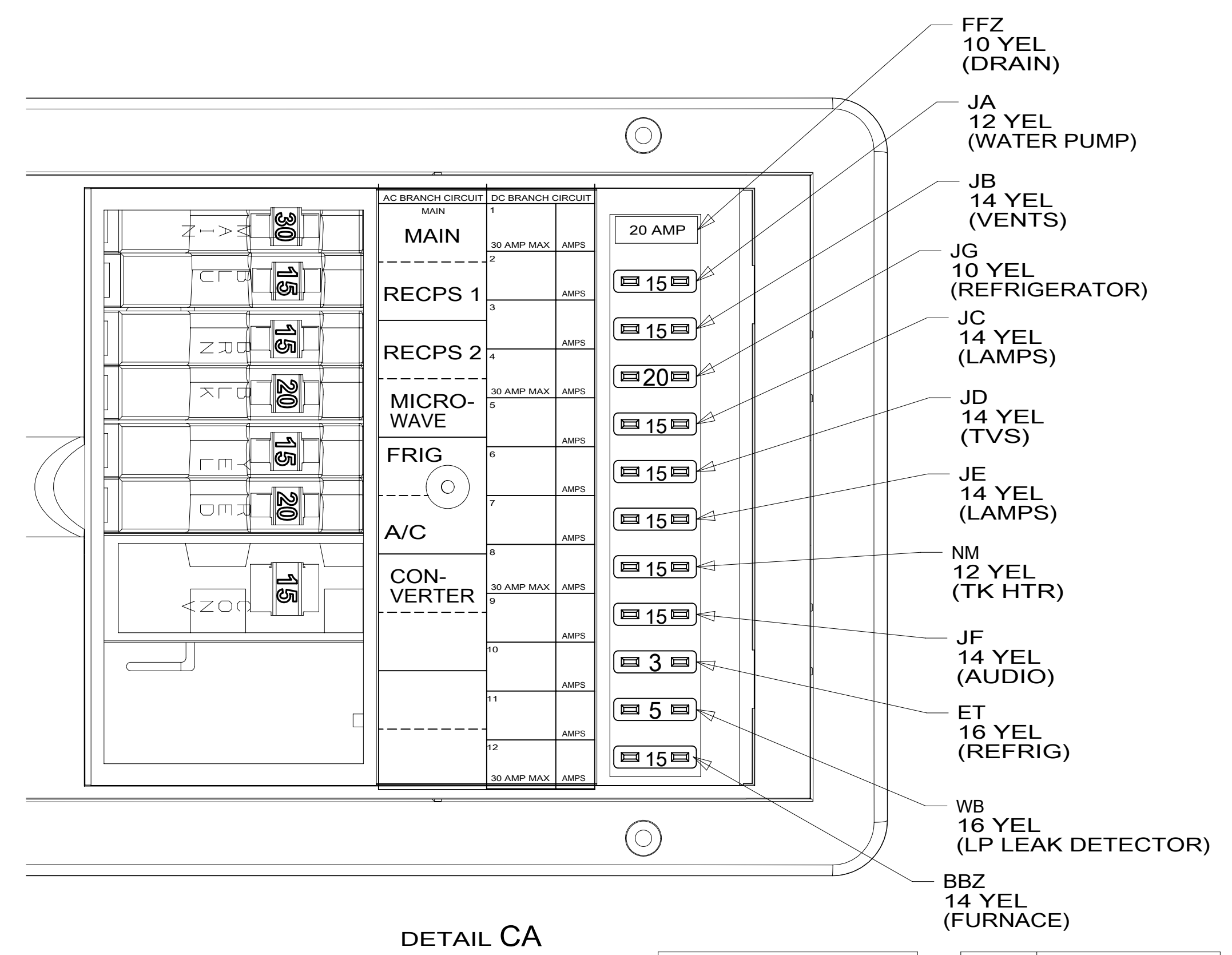
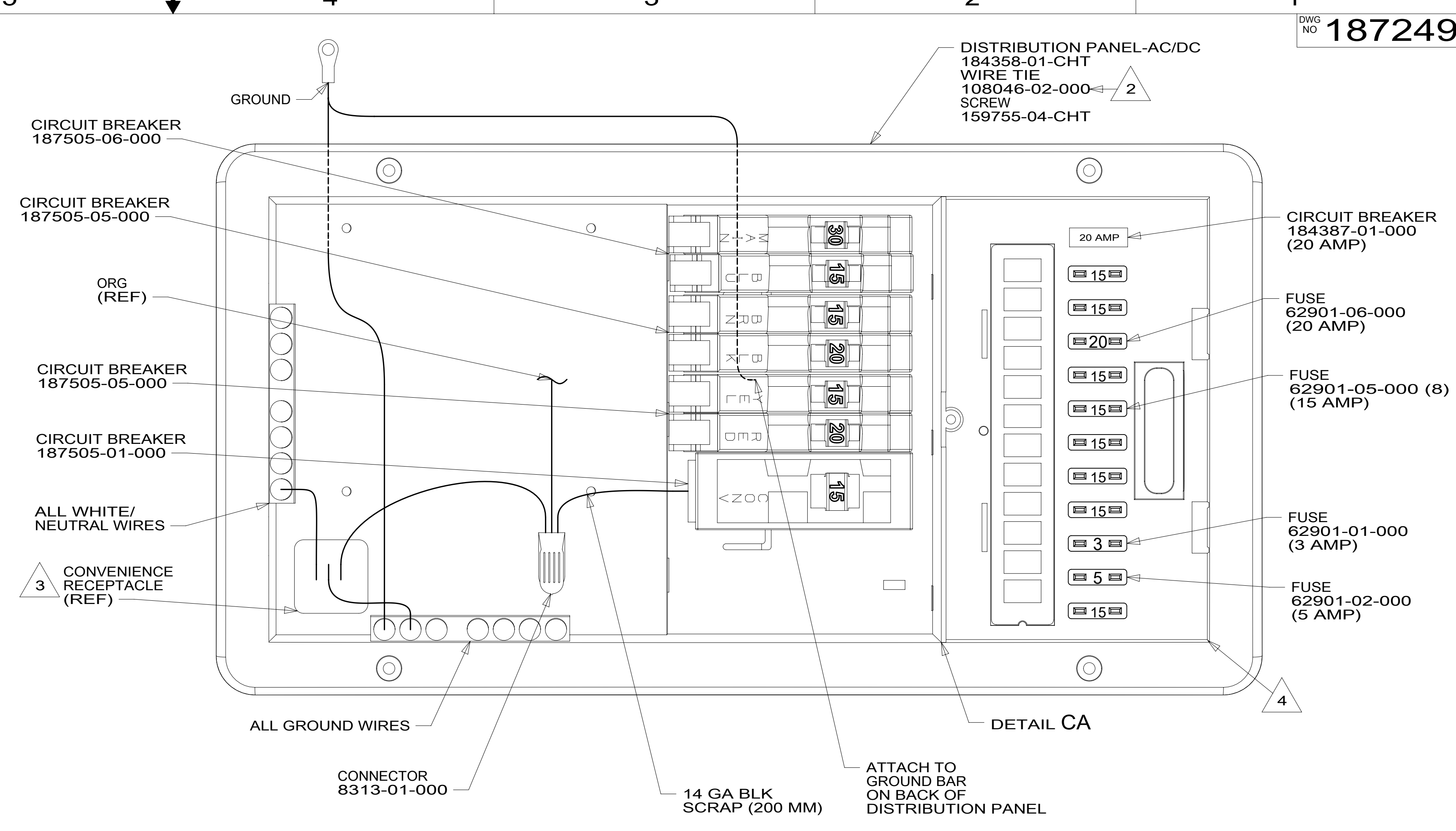
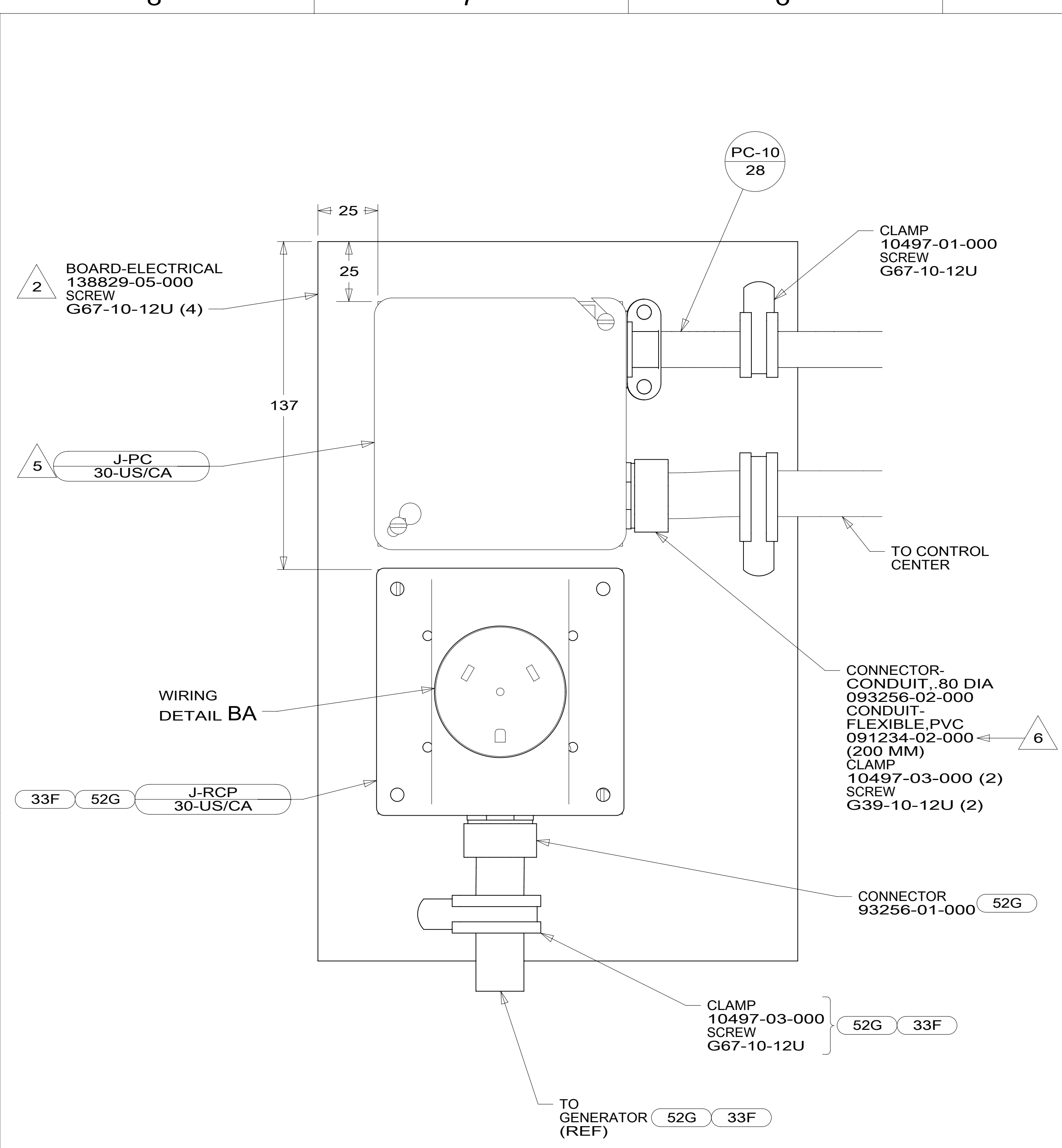
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

- 401 INVERTER-DC/AC, 1000 WATT
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	
15 500-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 2	PART NO. 187249 REV

187249



- NOTES:**
- 6 SECURE CONDUIT TO POWER CORD WITH TAPE 8363-01-000 FOR TRANSPORTATION PURPOSES.
 - 5 CONNECT BLK TO BLK, WHT TO WHT, AND GRNDS TO GRNDS.
 - 4 SEE WIRING INSTL-BODY, 12V FOR ADDITIONAL INFORMATION.
 - 3 CONNECT BLACK WIRE FROM CONVENIENCE RECEPTACLE TO DEDICATED CIRCUIT BREAKER.
 - 2 ATTACH TO UNUSED SCREW HOLE ON BACK SIDE OF PANEL TO SECURE WIRES.
 - 1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

33F	GEN-3.5 KW ONAN DIESEL
52G	GEN-3.6KW ONAN LP MICROQUIET
265	CODES/STANDARDS-CSA/CMVSS
1B1	CODES/STANDARDS USA
1B1	265

15 500-SERIES

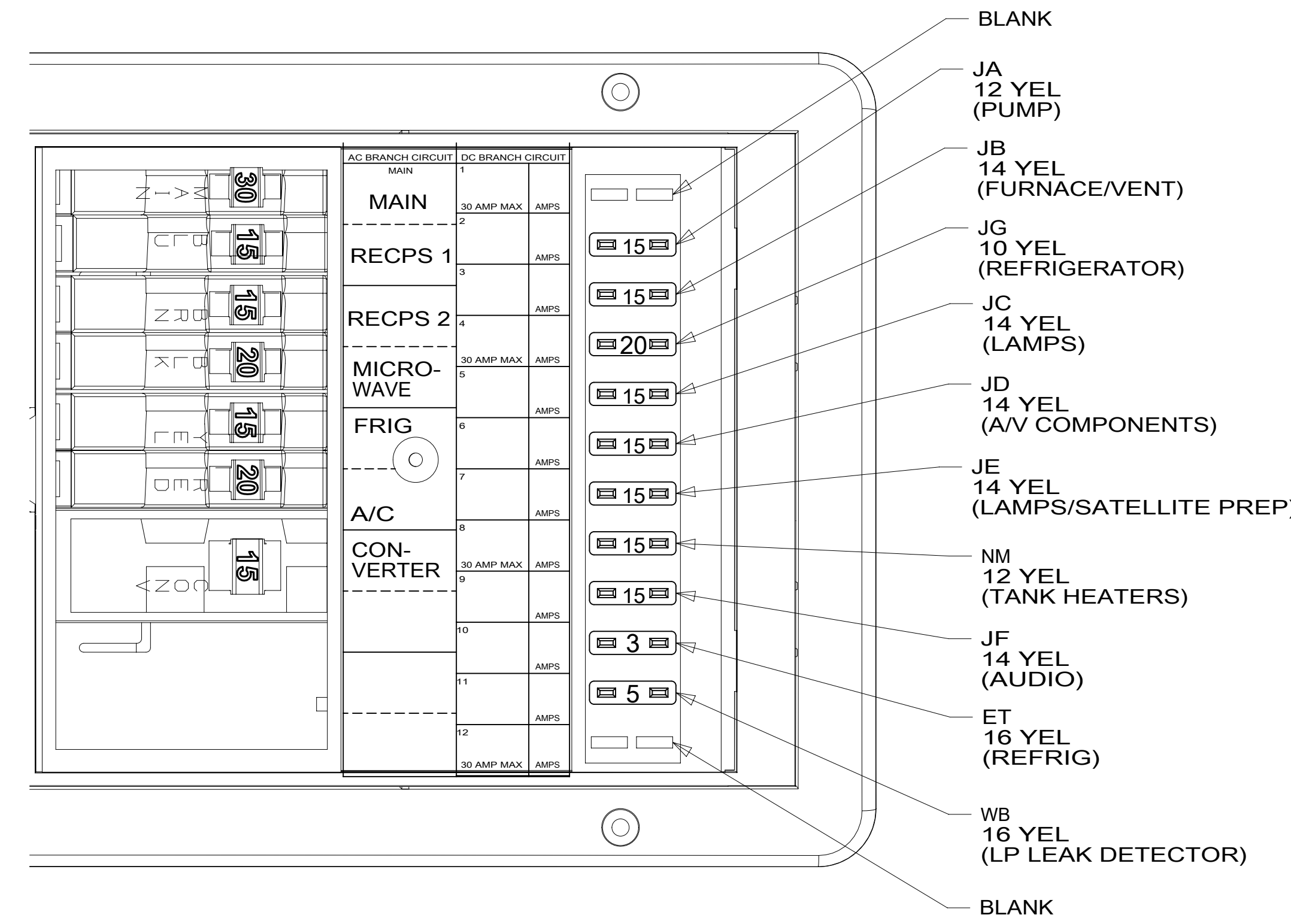
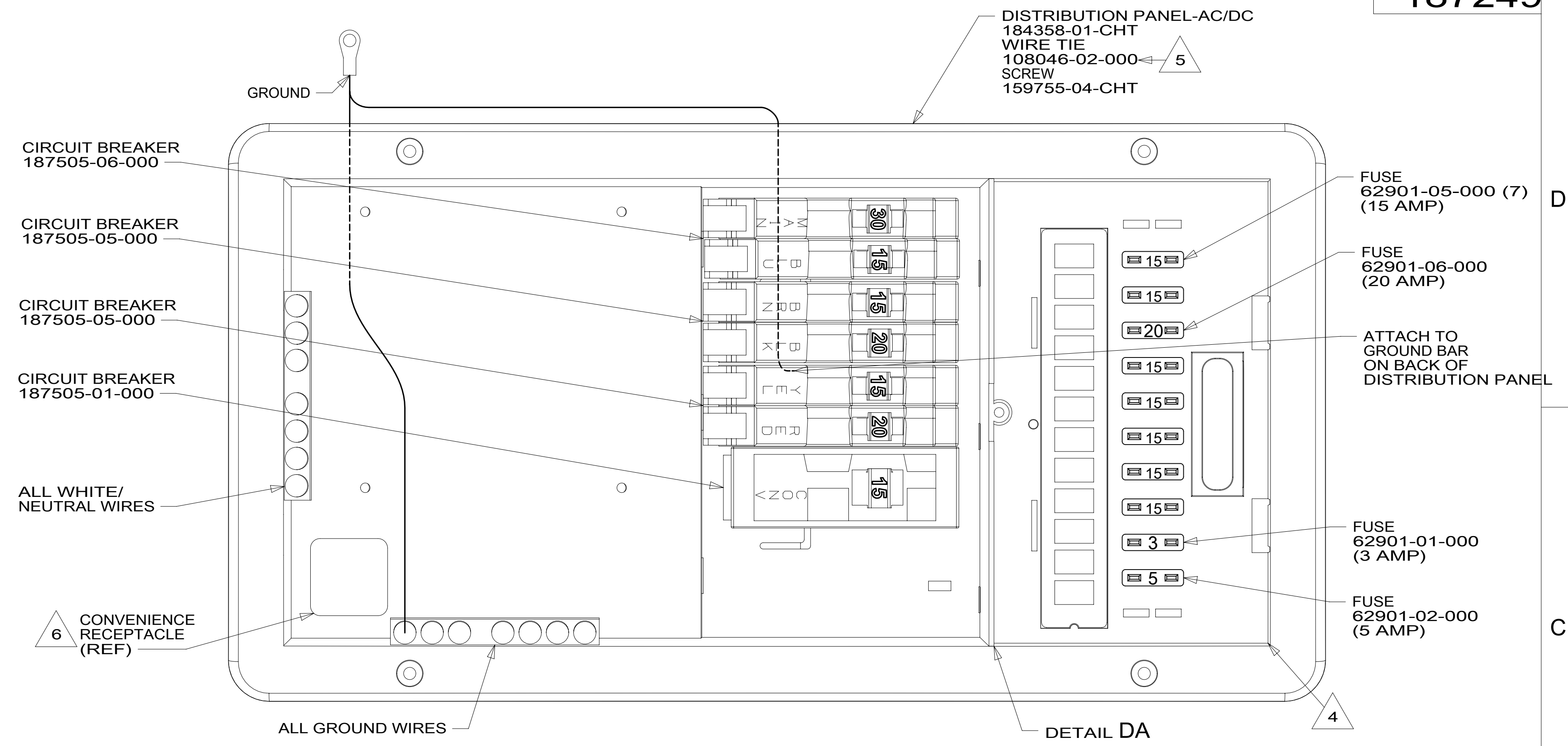
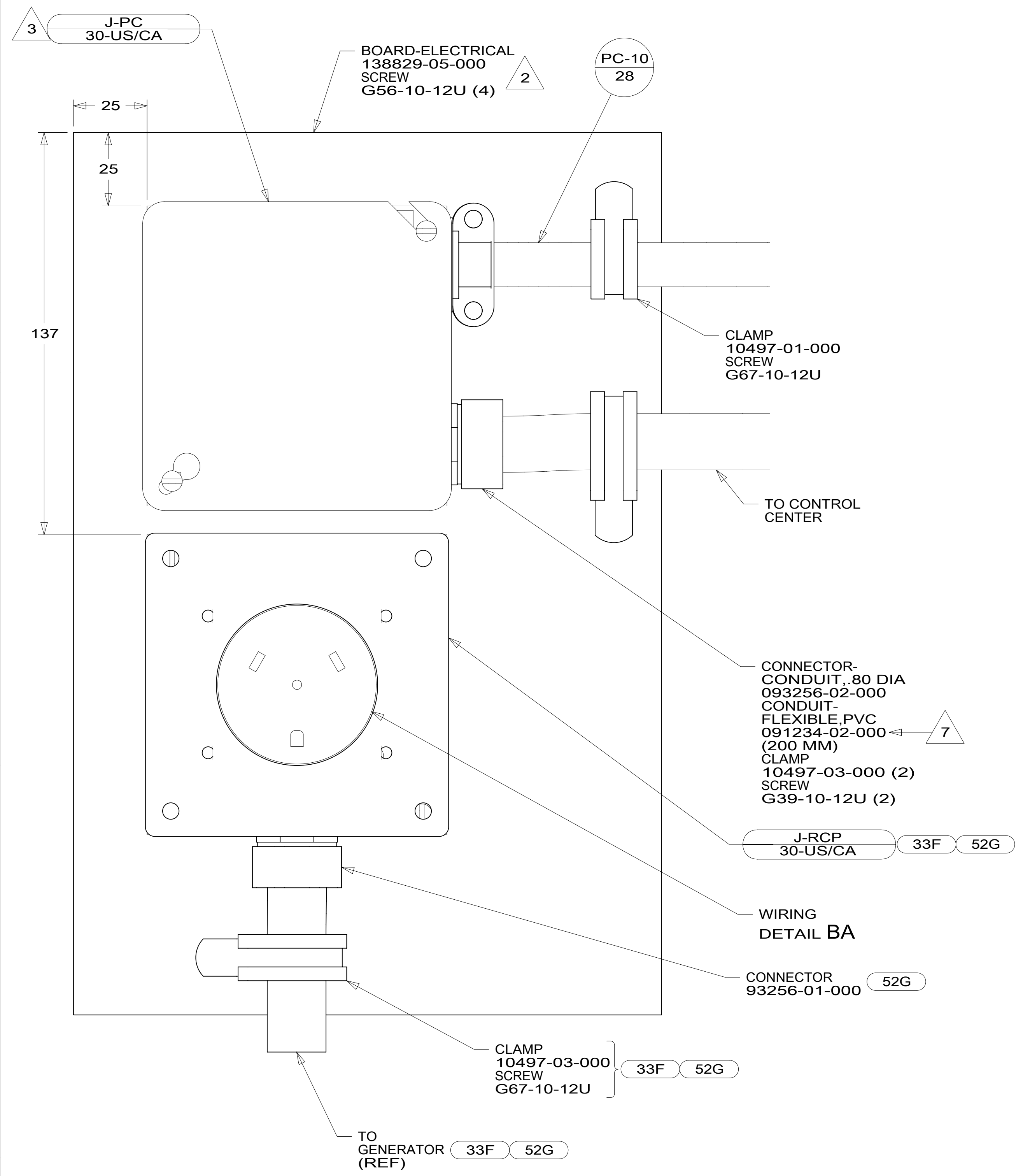
DO NOT SCALE DRAWING

TITLE: **LOAD CENTER/ATS ASM**

SHEET 3 PART NO **187249** REV

18-Nov-2015

187249



- 33F GEN-3.5 KW ONAN DIESEL
- 52G GEN-3.6KW ONAN LP MICROQUIET
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

- NOTES:
- 7 SECURE CONDUIT TO POWER CORD WITH TAPE 8363-01-000 FOR TRANSPORTATION PURPOSES.
 - 6 CONNECT BLACK WIRE FROM CONVENIENCE RECEPTACLE TO DEDICATED CIRCUIT BREAKER.
 - 5 ATTACH TO UNUSED SCREW HOLE ON BACK SIDE OF PANEL TO SECURE WIRES.
 - 4 SEE WIRING INSTL-BODY,12V FOR ADDITIONAL INFORMATION.
 - 3 CONNECT BLK TO BLK, WHT TO WHT, AND GRNDS TO GRNDS.
 - 2 SCREW INTO BACKSIDE OF BOARD THRU PANEL DURING INSTALLATION.
1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

X-X FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

FIRST USED

15 500-SERIES

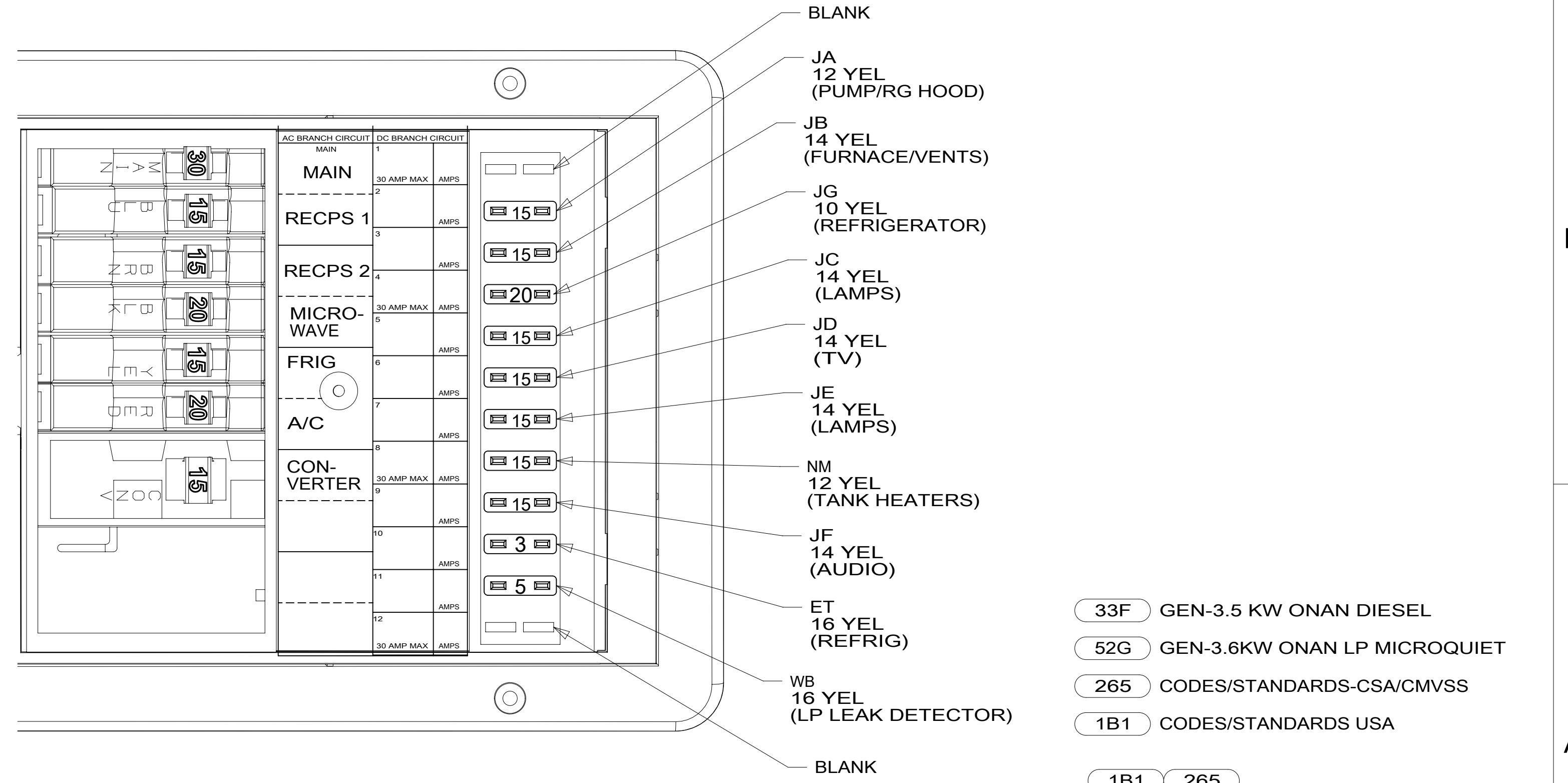
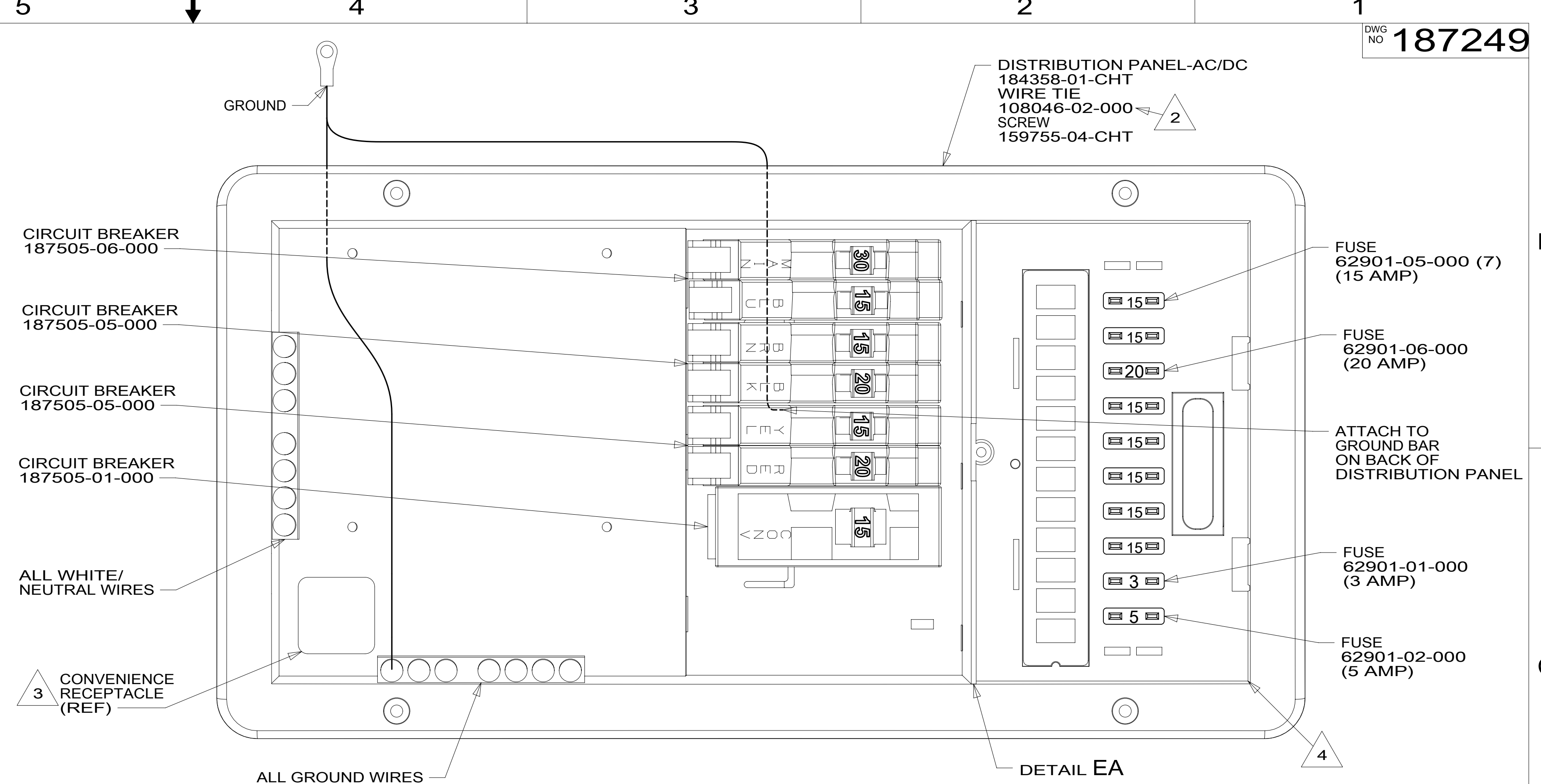
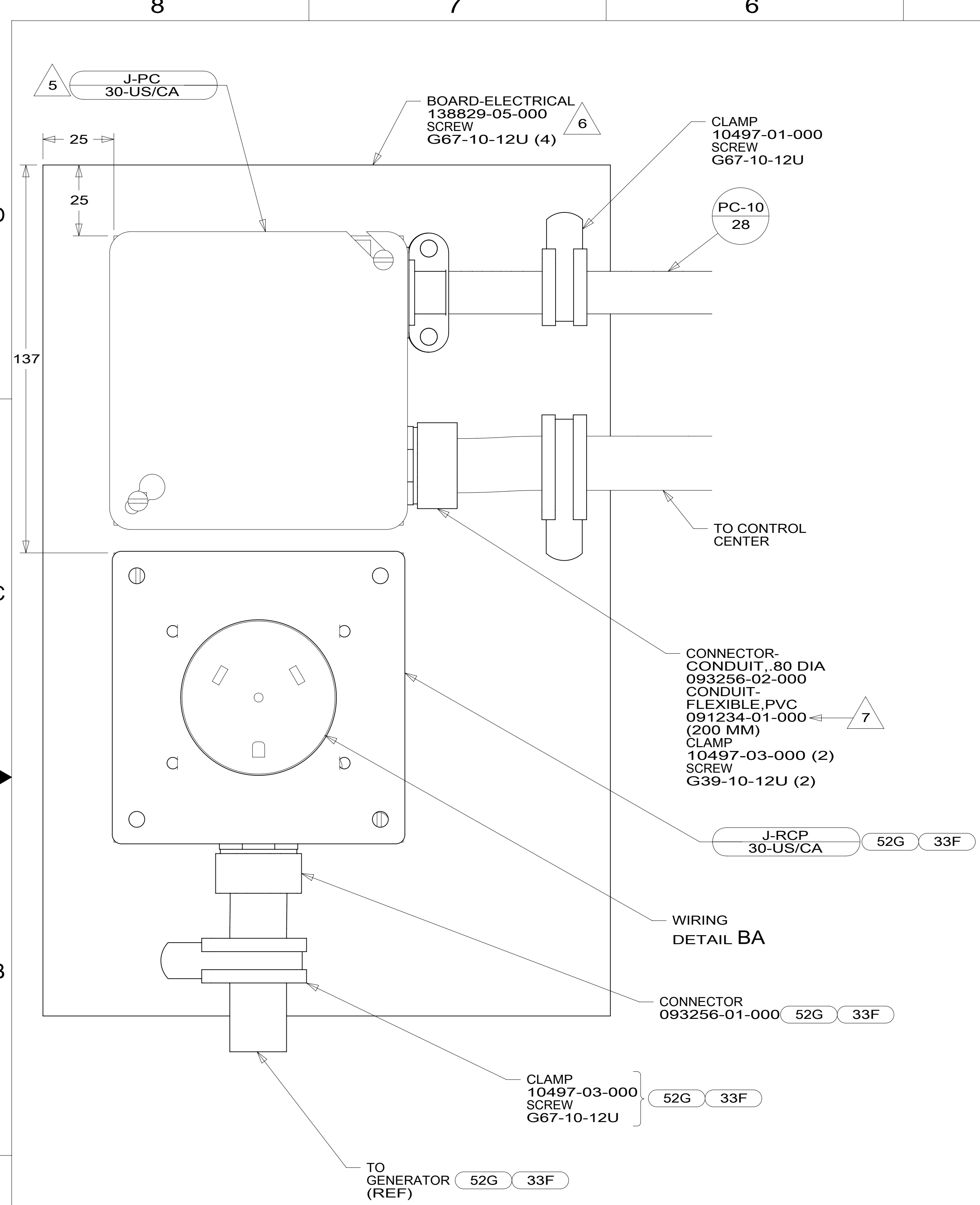
DO NOT SCALE DRAWING

TITLE: **LOAD CENTER/ATS ASM**

SHEET 4 PART NO **187249** REV

18-Nov-2015

187249



- 7 SECURE CONDUIT TO POWER CORD WITH TAPE 8363-01-000 FOR TRANSPORTATION PURPOSES.
- 6 SCREW INTO BACKSIDE OF BOARD THRU PANEL DURING INSTALLATION.
- 5 CONNECT BLK TO BLK, WHT TO WHT, AND GRNDS TO GRNDS.
- 4 SEE WIRING INSTL-BODY, 12V FOR ADDITIONAL INFORMATION.
- 3 CONNECT BLACK WIRE FROM CONVENIENCE RECEPTACLE TO DEDICATED CIRCUIT BREAKER.
- 2 ATTACH TO UNUSED SCREW HOLE ON BACK SIDE OF PANEL TO SECURE WIRES.
1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

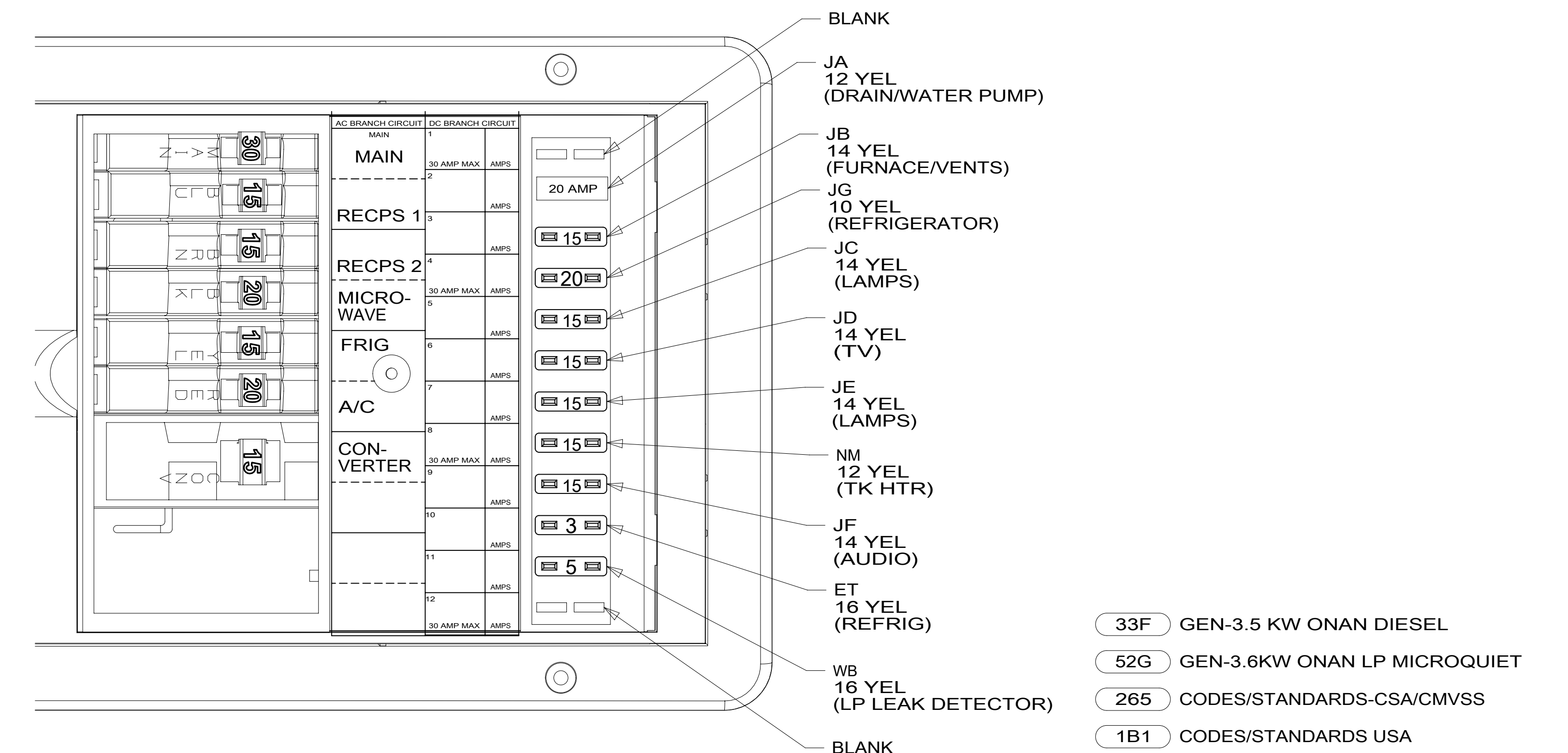
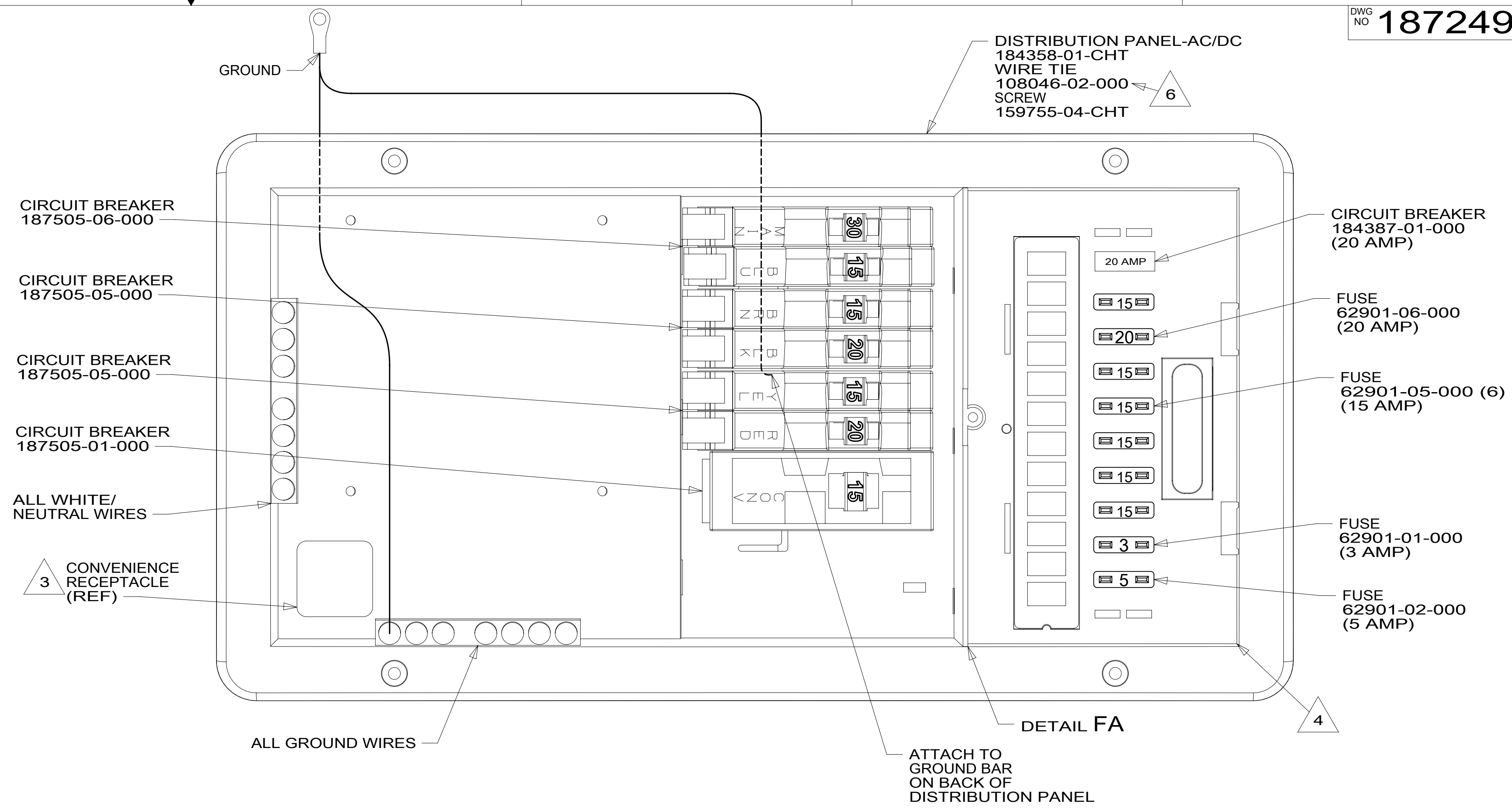
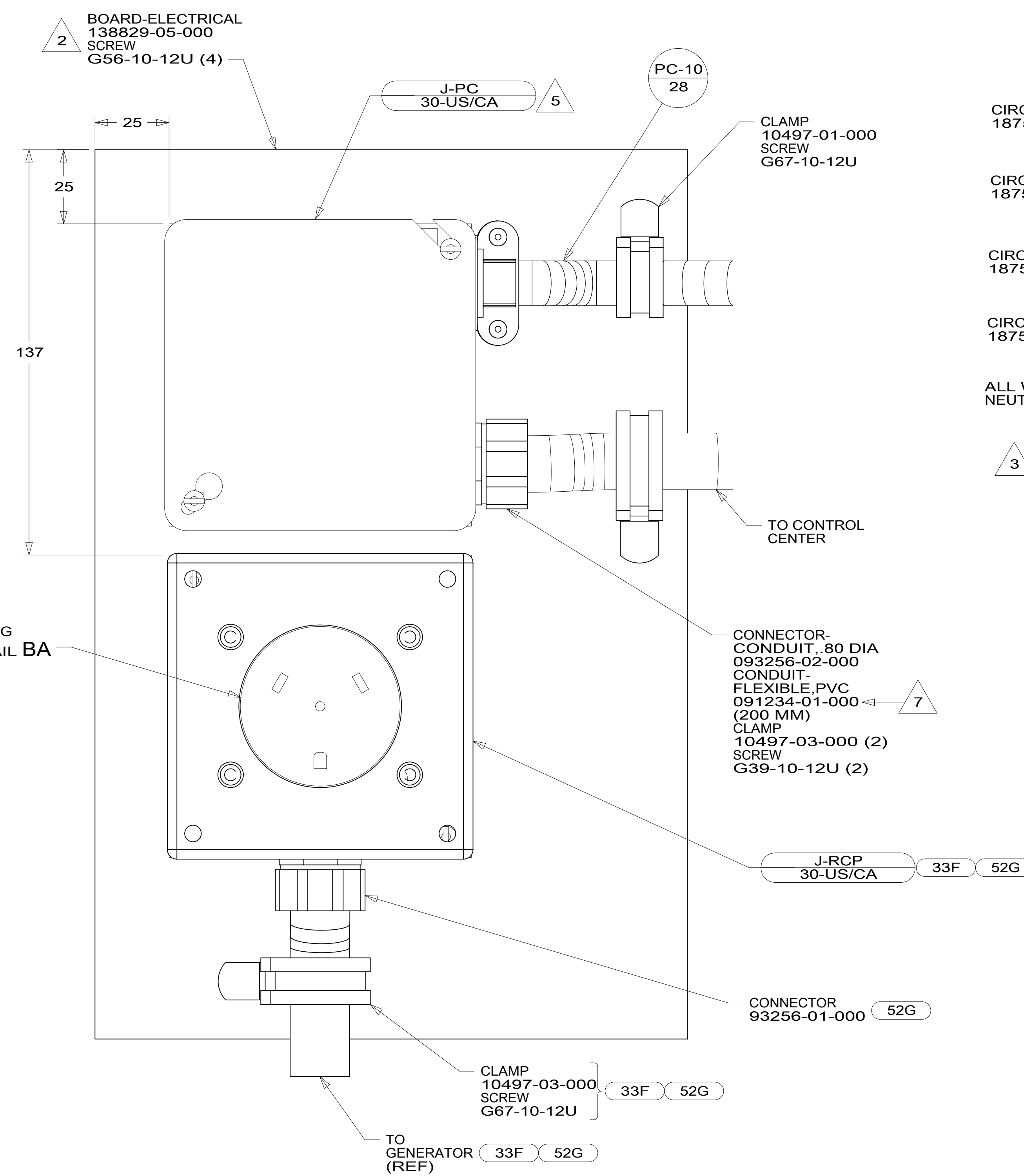
X-X

FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

- 33F GEN-3.5 KW ONAN DIESEL
- 52G GEN-3.6KW ONAN LP MICROQUIET
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	
15 500-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 5	PART NO 187249 REV
18-Nov-2015	

187249



- NOTES:
- ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.
 - SCREW INTO BACKSIDE OF BOARD THRU PANEL DURING INSTALLATION.
 - CONNECT BLACK WIRE FROM CONVENIENCE RECEPTACLE TO DEDICATED CIRCUIT BREAKER.
 - SEE WIRING INSTL-BODY,12V FOR ADDITIONAL INFORMATION.
 - CONNECT BLK TO BLK, WHT TO WHT, AND GRNDS TO GRNDS.
 - ATTACH TO UNUSED SCREW HOLE ON BACK SIDE OF PANEL TO SECURE WIRES.
 - SECURE CONDUIT TO POWER CORD WITH TAPE 8363-01-000 FOR TRANSPORTATION PURPOSES.

FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

X-X

FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

- 33F GEN-3.5 KW ONAN DIESEL
- 52G GEN-3.6KW ONAN LP MICROQUIET
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED

15 500-SERIES

DO NOT SCALE DRAWING

TITLE:
LOAD CENTER/ATS ASM

SHEET 6 PART NO **187249** REV

18-Nov-2015

187249