



**DANGER**

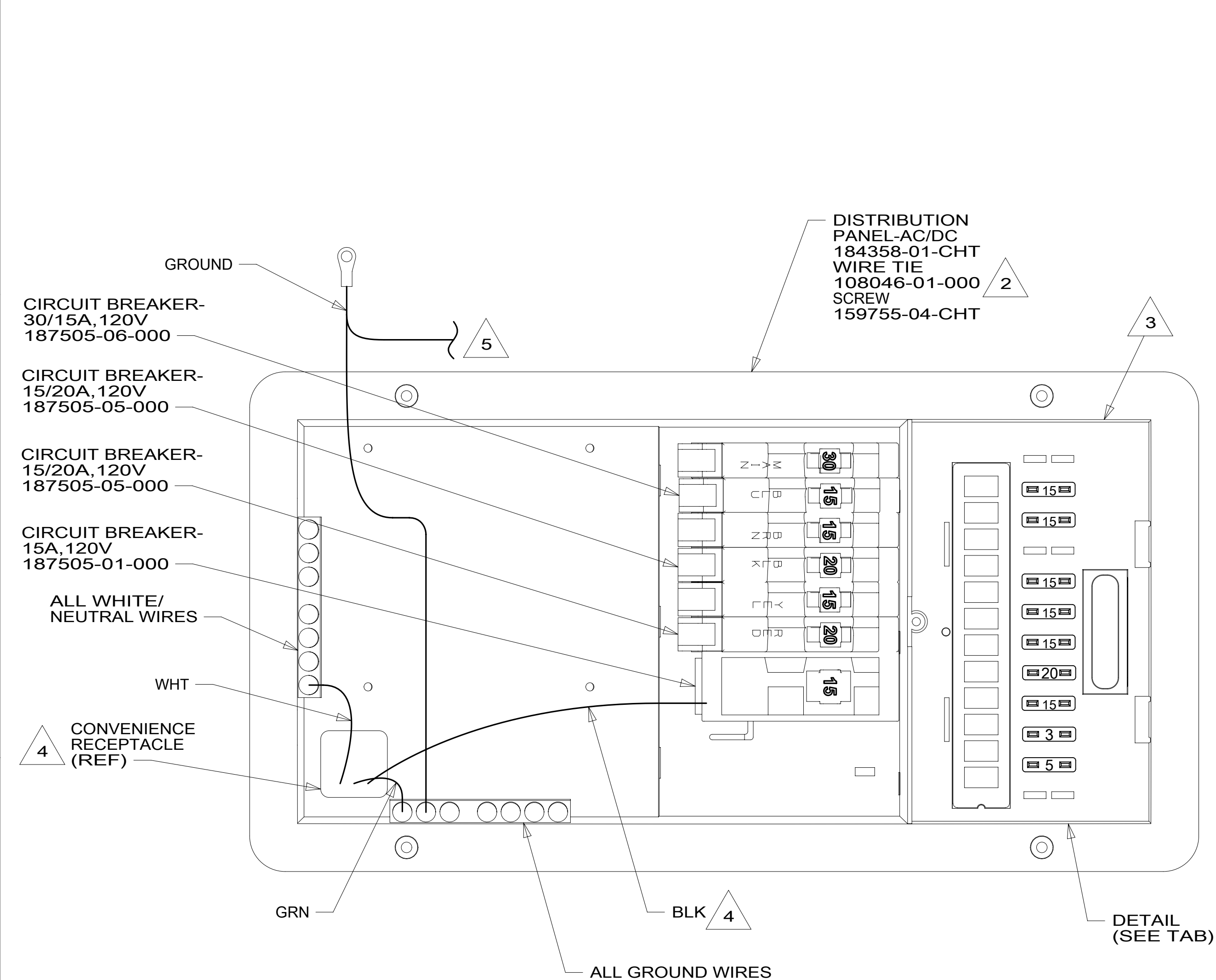
**Danger of electrical shock, burns or death.** Always remove all power sources before attempting any repair, service or diagnostic work. Power can be present from shore power, generator, inverter or battery. All power sources must be disabled and secured before performing any service.



**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.

DRAWING NO.	MODEL	DETAIL
182738-01	H25Q	CA
182738-02	H25P	CB
182738-03	H25T	CA



- 8 FOR CONNECTOR INSTALLATION SEE DETAIL BD.
- 7 FOR ADDITIONAL INFORMATION SEE DETAIL CD.
- 6 FOR CONNECTOR INSTALLATION SEE DETAIL BB.
- 5 CONNECT ONE GROUND WIRE TO GROUND BAR INSIDE DISTRIBUTION PANEL, CONNECT ONE GROUND WIRE TO DC GROUND BAR ON BACK SIDE OF DISTRIBUTION PANEL.
- 4 CONNECT BLACK WIRE FROM CONVENIENCE RECEPTACLE TO DEDICATED CIRCUIT BREAKER.
- 3 SEE WIRING INSTL-BODY, 12V FOR ADDITIONAL INFORMATION.
- 2 ATTACH TO UNUSED SCREW HOLE ON BACK SIDE OF PANEL TO SECURE WIRES.

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

		H25Q	H25P	H25T	
GROUND	6-G	136145-02-030	136145-02-020	136145-02-030	
GENERATOR CABLE ASM	UL	164957-01-050	164957-01-050	164957-01-050	33F
	CA	164957-03-050	164957-03-050	164957-03-050	33F
THROW IN WIRE #1	UL	136131-19-006	136131-19-036	-----	6
	CA	136134-19-006	136134-19-036	-----	6
THROW IN WIRE #2	UL	136131-19-003	-----	-----	6
	CA	136134-19-003	-----	-----	6
THROW IN WIRE #3	UL	136131-03-003	136131-03-003	136131-03-003	6 7
	CA	136134-03-003	136134-03-003	136134-03-003	6 7
THROW IN WIRE #4	UL	136131-19-005	136131-19-005	136131-19-005	6 7
	CA	136134-19-005	136134-19-005	136134-19-005	6 7
MAIN CABLE ASM	UL	-----	-----	164957-05-022	
	CA	-----	-----	164957-06-022	
THROW IN WIRE #5	UL	136131-19-063 6	136131-19-070 8	136131-19-134 6	
	CA	136134-19-063 6	136134-19-070 8	136134-19-134 6	
RED	1B1	136135-07-053	136135-07-040	136135-07-044	
	265	136136-07-053	136136-07-040	136136-07-044	
YEL	1B1	136131-05-047	136131-05-018	136131-05-016	
	265	136134-05-047	136134-05-018	136134-05-016	
BLK	1B1	136135-06-015	136135-06-013 53B	136135-06-012	
	265	136136-06-015	136136-06-013 53B	136136-06-012	
BLU	1B1	136131-02-191	136131-02-190	136131-02-161	
	265	136134-02-191	136134-02-190	136134-02-161	
BLK-2	1B1	136135-22-070	136135-22-025 53B	136135-22-018	
	265	136136-22-070	136136-22-025 53B	136136-22-018	
WHT	1B1	136135-09-045	136135-09-015 53B	136135-09-049	
	265	136136-09-045	136136-09-015 53B	136136-09-049	
MAIN	1B1	136137-01-031	136137-01-040	136137-01-044	
	265	136138-01-031	136138-01-040	136138-01-044	
BRN	1B1	136131-03-053	136131-03-030	136131-03-027	6
	265	136134-03-053	136134-03-030	136134-03-027	6
BLK	1B1	-----	136135-06-038 1BT	-----	
	265	-----	136136-06-038 1BT	-----	

- 53B WTR HTR-6GAL ELECTRIC/LP GAS
- 1BT WATER HEATER, TANKLESS
- 1L9 ENTERTAINMENT CENTER-CABOVER
- 52G GEN-3.6KW ONAN LP MICROQUIET
- 33F GEN-3.5 KW ONAN DIESEL
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

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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**

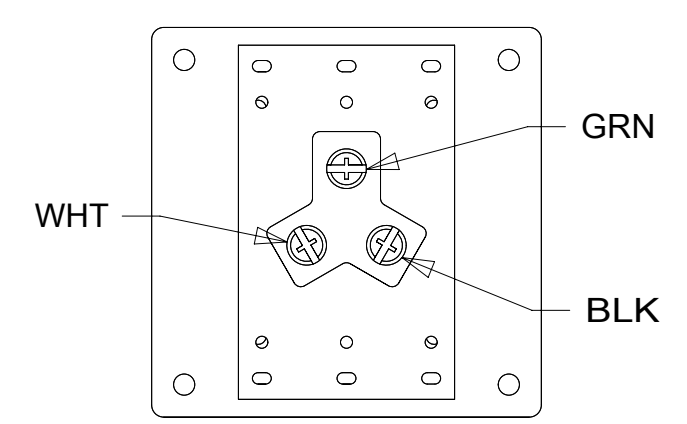
SHEET 1 OF 3 PART NO 182738 REV

REF: 1 12-Nov-2015

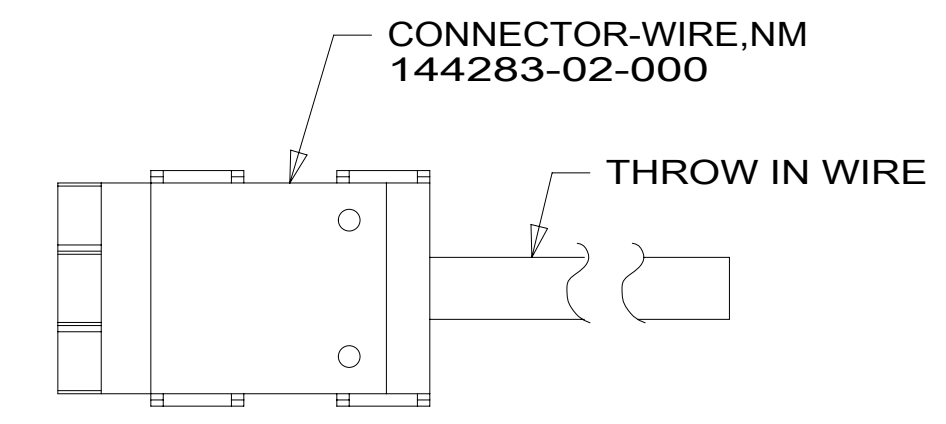
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

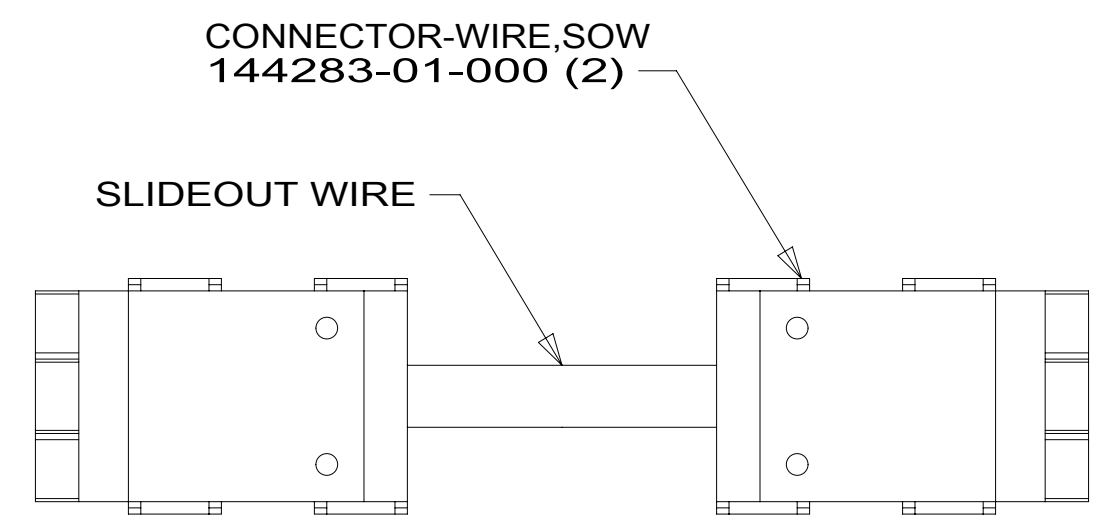
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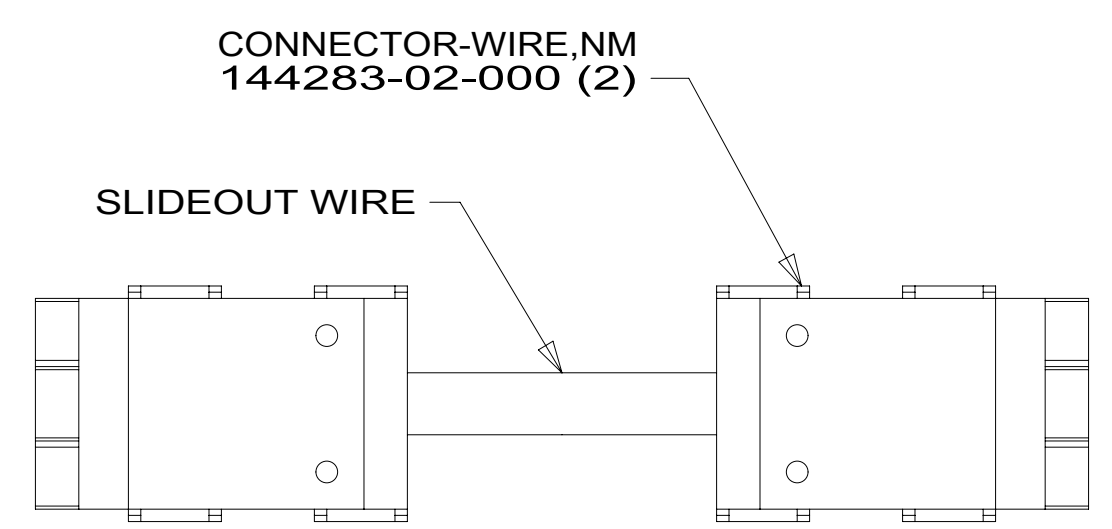
DETAIL BA  
(BACK VIEW)



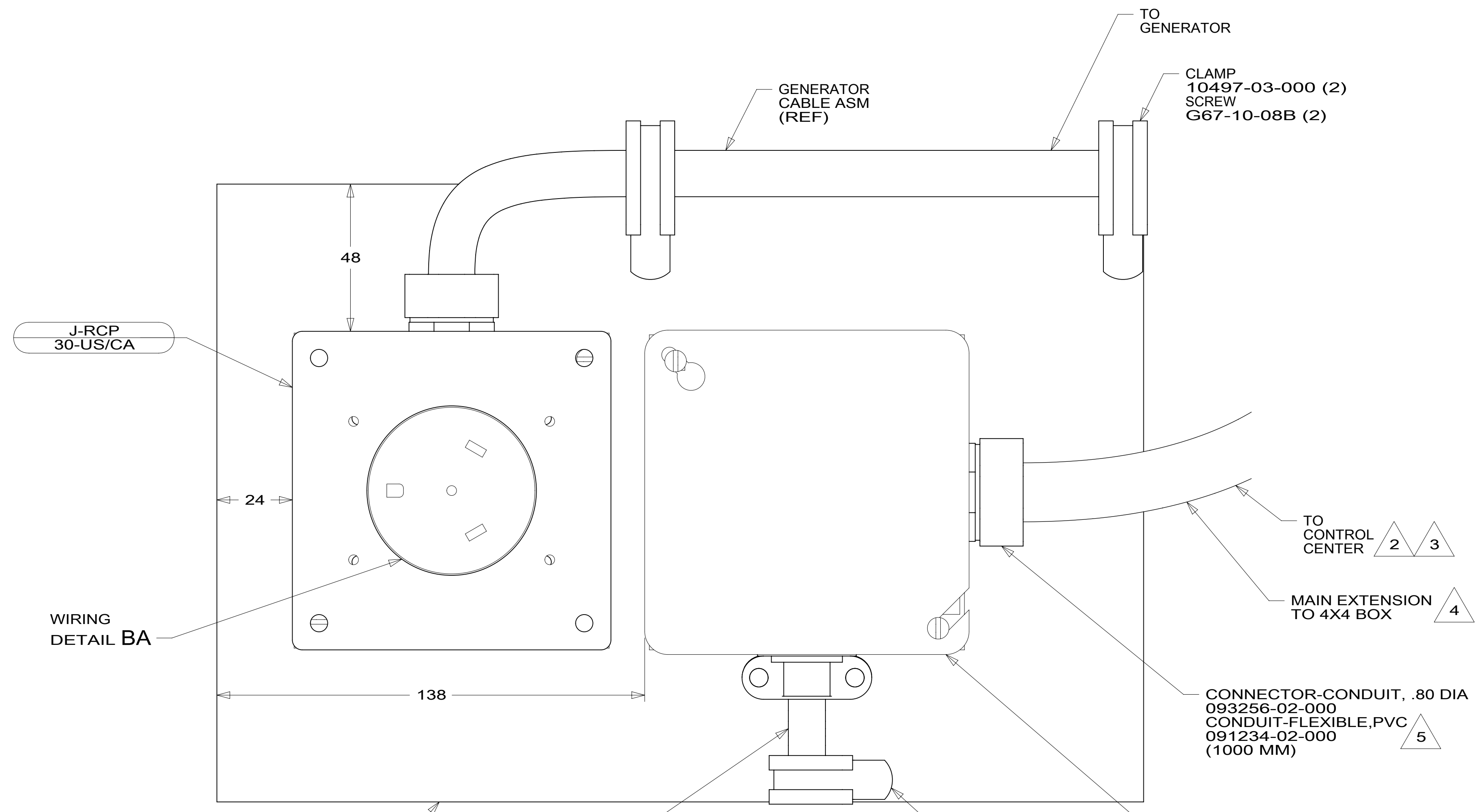
DETAIL BB



DETAIL BC



DETAIL BD



WIRING  
DETAIL BA

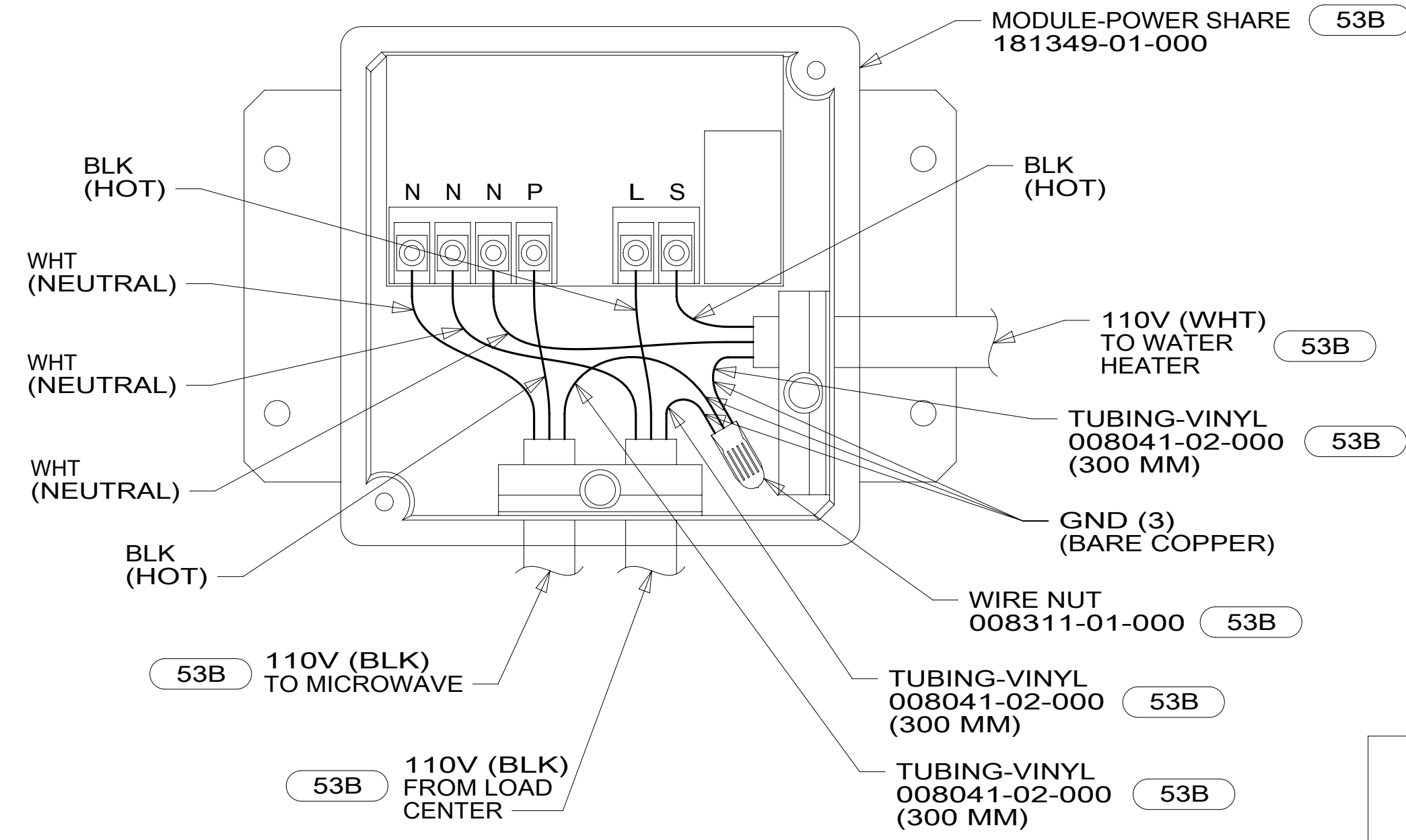
BOARD-ELECTRICAL  
138829-01-000  
SCREW  
G67-10-10B (4)

PC-10  
28

J-PC  
30-US/CA

CLAMP  
10497-01-000  
SCREW  
G67-10-08B  
CLAMP  
10497-01-000  
10497-03-000  
SCREW  
G67-10-08B

CONNECTOR-CONDUIT, .80 DIA  
093256-02-000  
CONDUIT-FLEXIBLE,PVC  
091234-02-000  
(1000 MM)



BLK  
(HOT)

WHT  
(NEUTRAL)

WHT  
(NEUTRAL)

WHT  
(NEUTRAL)

BLK  
(HOT)

53B 110V (BLK)  
TO MICROWAVE

53B 110V (BLK)  
FROM LOAD  
CENTER

MODULE-POWER SHARE  
181349-01-000

BLK  
(HOT)

110V (WHT)  
TO WATER  
HEATER

TUBING-VINYL  
008041-02-000  
(300 MM)

GND (3)  
(BARE COPPER)

WIRE NUT  
008311-01-000

TUBING-VINYL  
008041-02-000  
(300 MM)

TUBING-VINYL  
008041-02-000  
(300 MM)

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

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

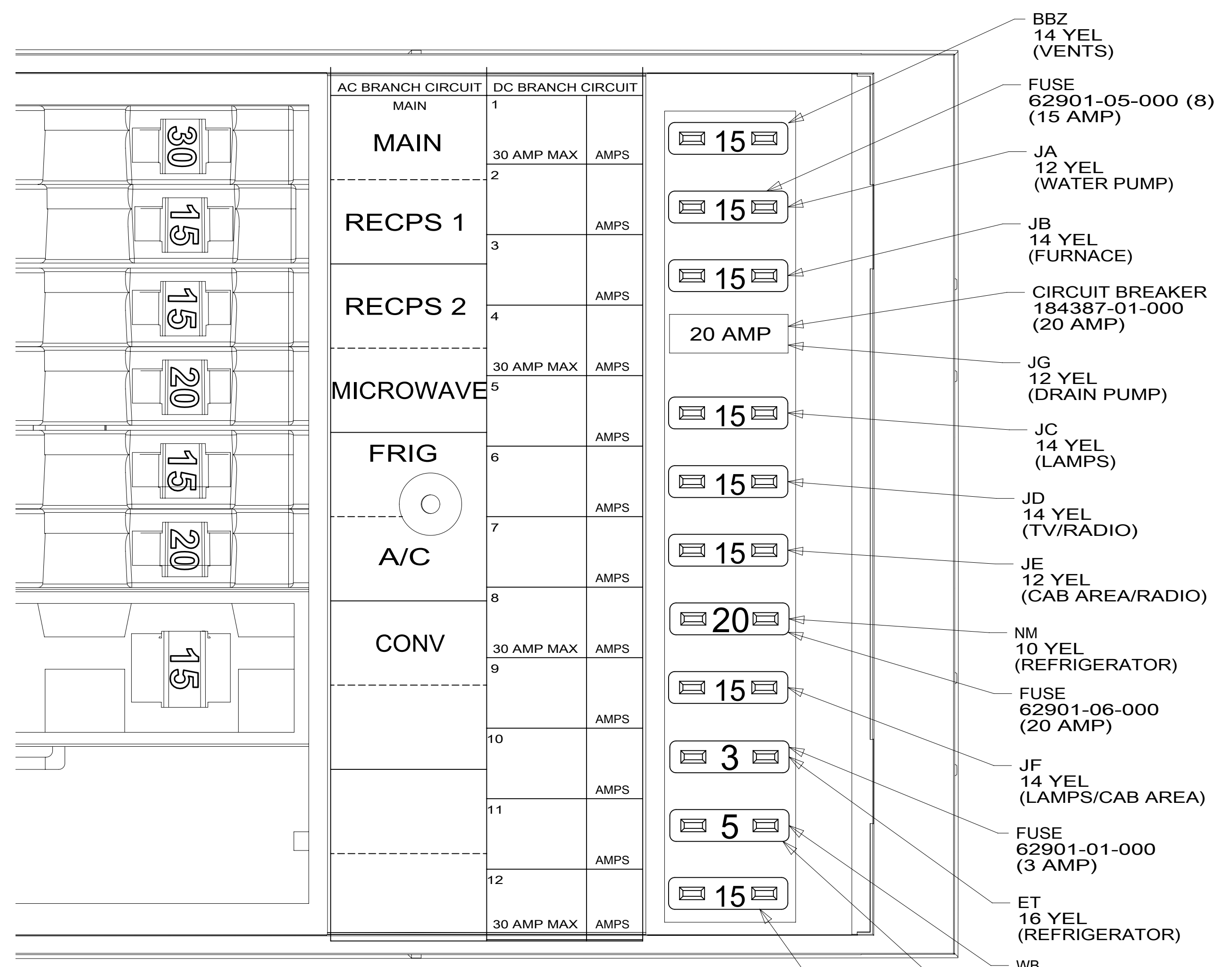
- 53B WTR HTR-6GAL ELECTRIC/LP GAS
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- 1B1 CODES/STANDARDS USA

1B1 265

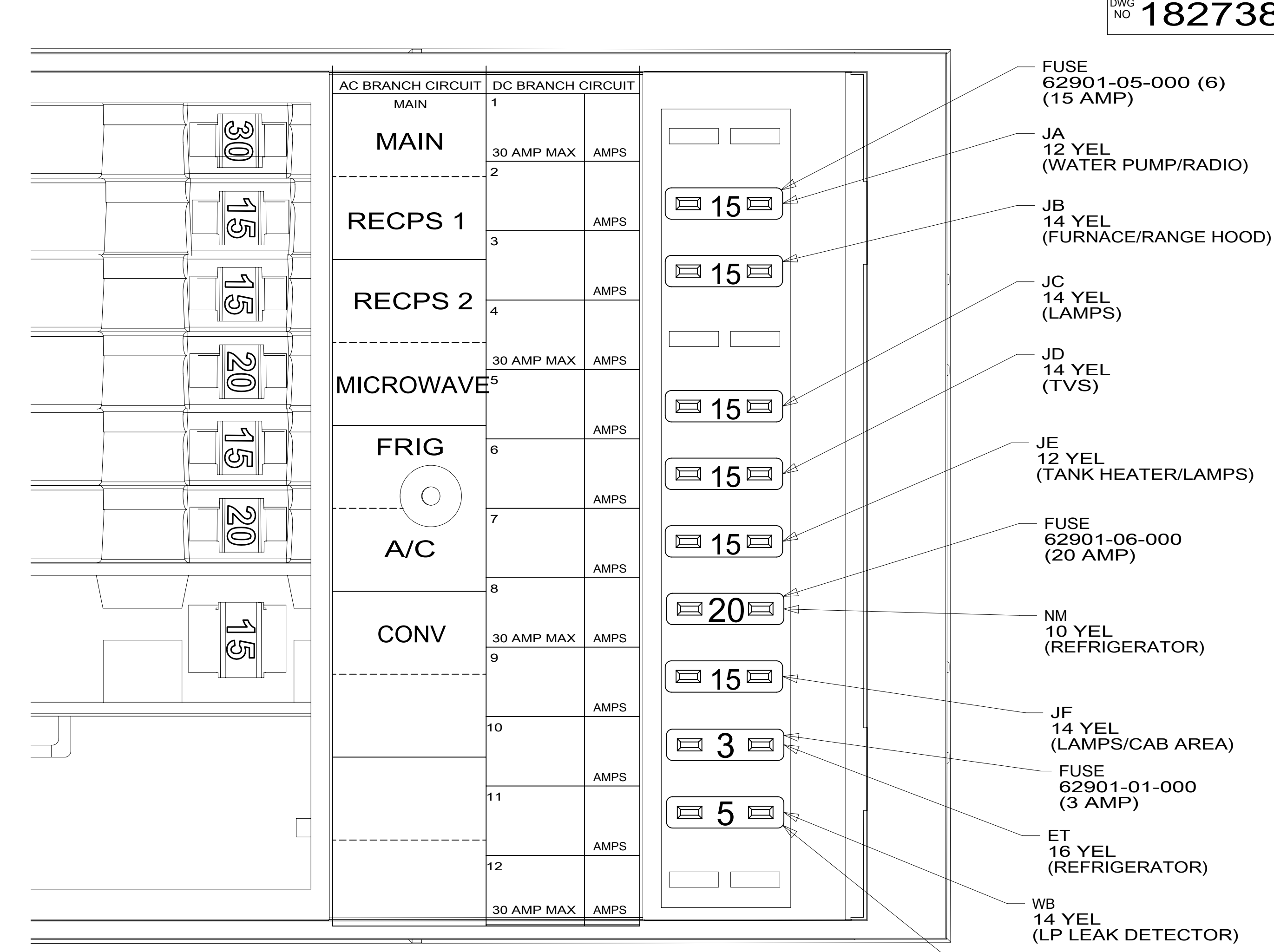
FIRST USED	
<b>14 H-SERIES</b>	
<b>DO NOT SCALE DRAWING</b>	
TITLE: <b>LOAD CENTER/ATS ASM</b>	
SHEET 2	PART NO <b>182738</b> REV

- NOTES:
- 5 SECURE CONDUIT TO POWER CORD WITH TAPE 8363-01-000 FOR TRANSPORTATION PURPOSES.
  - 4 ON H25T ONLY.  
MAIN EXTENSION TO BE CONNECTED TO 4X4 BOX AS SHOWN IN SUB-ASSEMBLY AREA.
  - 3 ON H25P AND H25Q ONLY.
  - 2 WIRES CONNECTED TO 4X4 BOX ON ASSEMBLY LINE ONCE PARTS ARE INSTALLED.
  - 1 CONNECT BLK TO BLK, WHT TO WHT, AND GRNDS TO GRNDS.

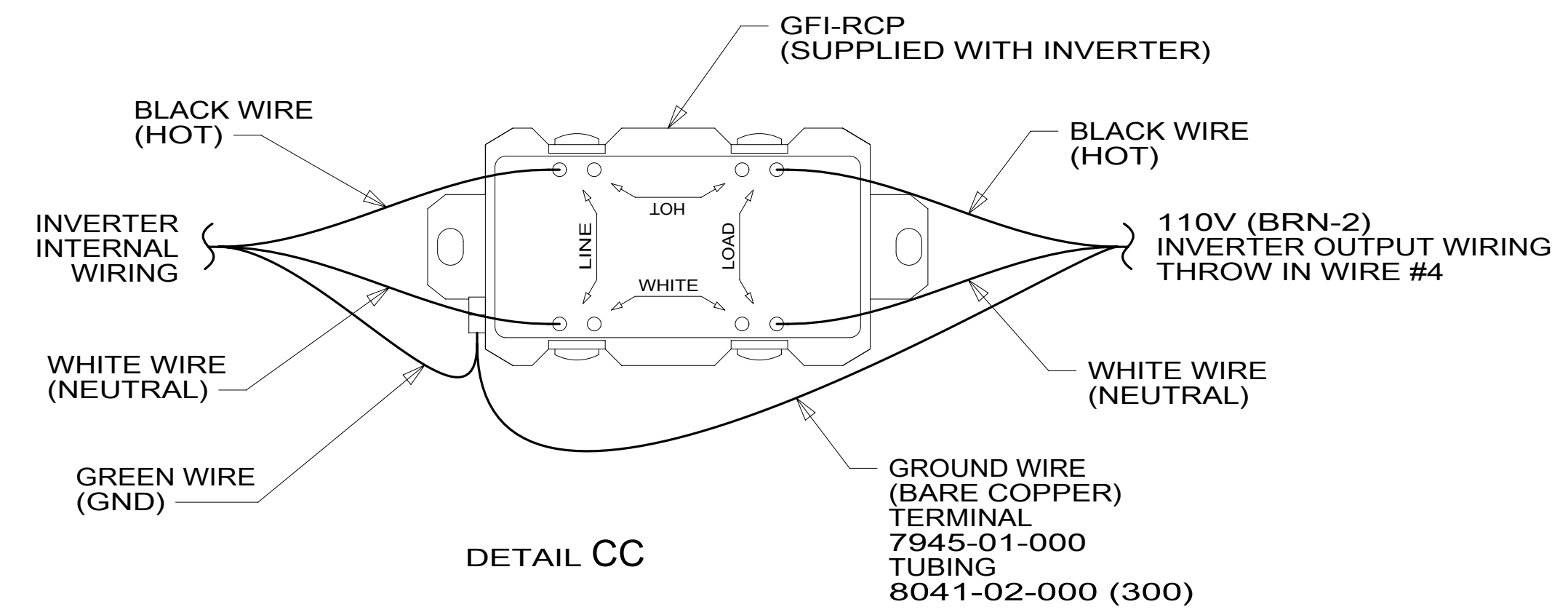
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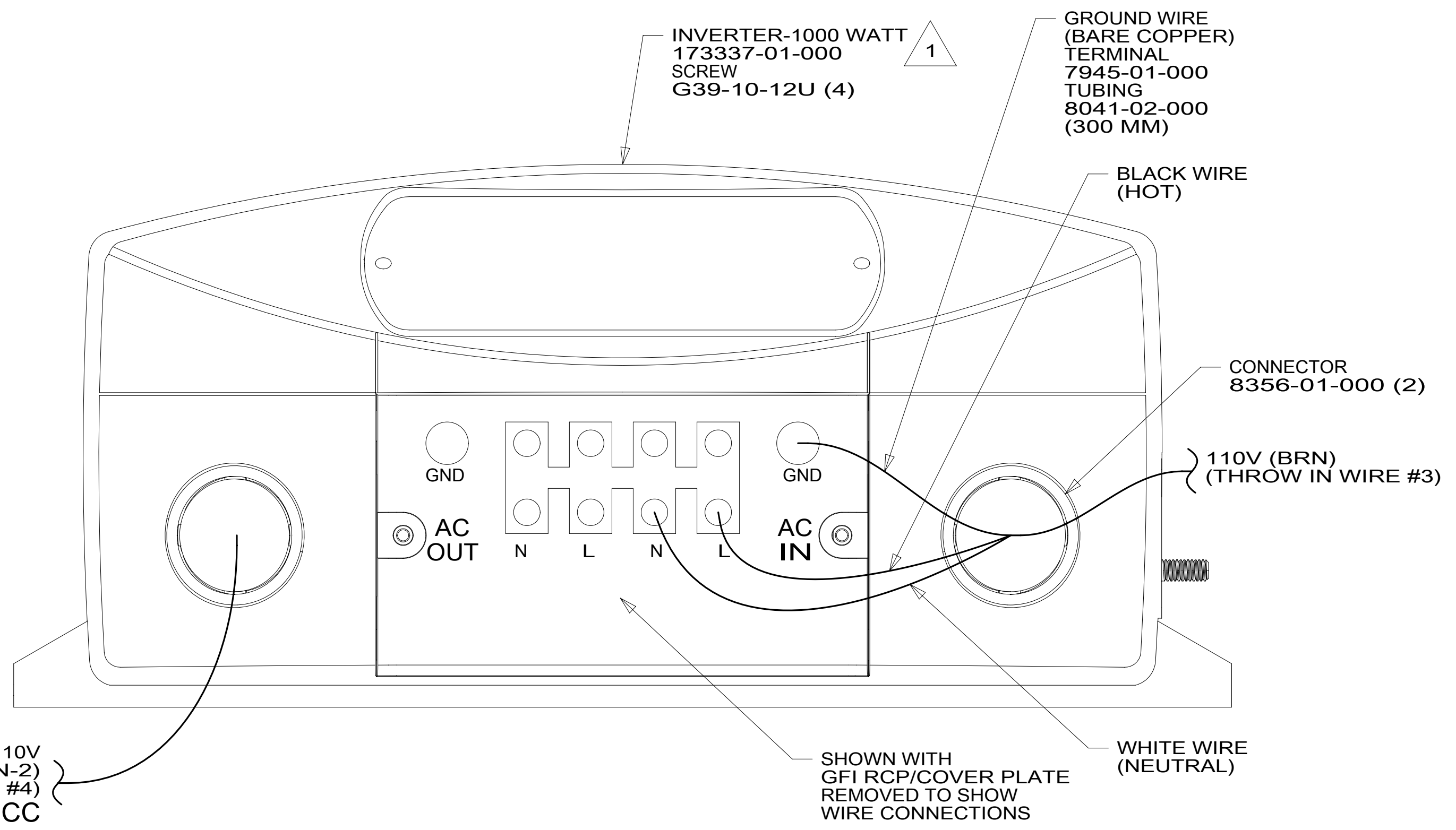
DETAIL CA



DETAIL CB



DETAIL CC



DETAIL CD

NOTES:  
 1 INVERTER SUPPLIED WITH REMOTE PANEL. SEND PANEL TO MANUFACTURING LINE.

265 CODES/STANDARDS-CSA/CMVSS  
 1B1 CODES/STANDARDS USA  
 1B1 265  
**FIRST USED**  
**14 H-SERIES**  
**DO NOT SCALE DRAWING**  
 TITLE: **LOAD CENTER/ATS ASM**  
 SHEET 3 PART NO **182738** REV  
 12-Nov-2015

\*182738\*