



DANGER

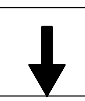
Danger of electrical shock, burns or death. Always remove all power sources before attempting any repair, service or diagnostic work. Power can be present from shore power, generator, inverter or battery. All power sources must be disabled and secured before performing any service.



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.

[illegible]



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D

C

C

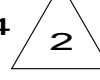
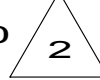
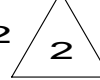
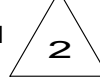
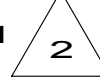
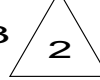
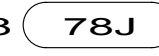
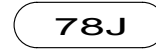
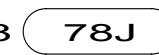
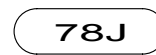
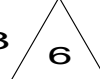


B

B

A

A

		E26P	E30T	E32K	E35F	E36D
THROW IN WIRE #1	1B1	136131-03-018 	136131-02-010 	136131-12-065 	136131-03-004 	136131-03-036 
	265	136134-03-018 	136134-02-010 	136134-12-065 	136134-03-004 	136134-03-036 
THROW IN WIRE #2	1B1	136131-03-020 	136131-19-186 	136131-12-139 	136131-12-222 	136131-12-206 
	265	136134-03-020 	136134-19-186 	136134-12-139 	136134-12-222 	136134-12-206 
THROW IN WIRE #3	1B1	136131-03-011   401	136131-03-009   401	136131-04-013   401	136131-04-011   401	136131-04-011   401
	265	136134-03-011   401	136134-03-009   401	136134-04-013   401	136134-04-011   401	136134-04-011   401
THROW IN WIRE #4	1B1	136131-19-011   401	136131-19-009   401	136131-12-013   401	136131-12-011   401	136131-12-011   401
	265	136134-19-011   401	136134-19-009   401	136134-12-013   401	136134-12-011   401	136134-12-011   401
THROW IN WIRE #5	1B1	136131-19-103 	136131-02-003 			
	265	136134-19-103 	136134-02-003 			
THROW IN WIRE #6	1B1		136131-19-030  21W			
	265		136134-19-030  21W			
THROW IN WIRE #7	1B1		136131-03-029 			
	265		136134-03-029 			
GENERATOR CABLE ASM	1B1				136137-01-038	136137-01-051
	265				136138-01-038	136138-01-051
GENERATOR CABLE ASM	1B1				136137-01-038 	136137-01-051 
	265				136138-01-038 	136138-01-051 
GROUND MAIN		136145-02-012	136145-02-027	136145-01-020	136145-01-028	136145-01-040
GROUND ATS		136145-01-065	136145-01-042	136145-01-062	136145-01-048	136145-01-086
GROUND MODULE ALS		136145-05-008	136145-05-027			
SLIDEOUT WIRE #1		136151-03-028 	136151-03-031 	136151-12-038 	136151-03-015 	136151-03-031 

53D

53D

- | | |
|---|---|
|  | SEE DETAIL GC FOR CONNECTOR INSTALLATION. |
|  | SEE DETAIL GA FOR CONNECTOR INSTALLATION. |
|  | SEE DETAIL GG FOR ADDITIONAL INFORMATION. |
|  | SEE DETAIL GE FOR ADDITIONAL INFORMATION. |
|  | SEE DETAIL GB FOR CONNECTOR INSTALLATION. |

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

NOTES:

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

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

21W	DINING/BUFFET/TV
53D	WTR HTR-6GAL/ELE/LP/MOTOR/RAID
78J	ELECTRICAL SYSTEM-50 AMP
401	INVERTER-DC/AC, 1000 WATT
265	CODES/STANDARDS-CSA/CMVSS
1B1	CODES/STANDARDS USA

1B1 265

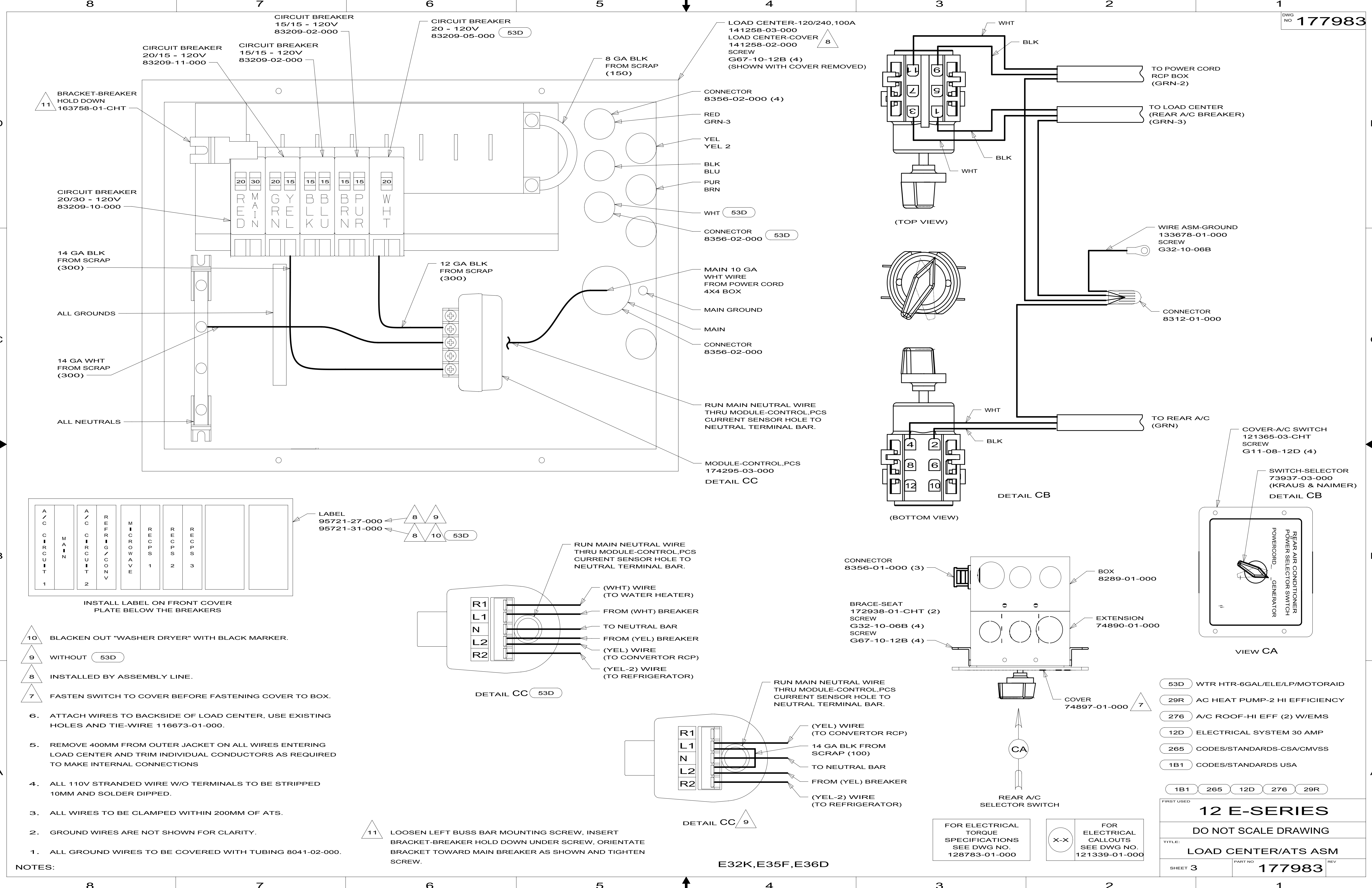
12 E-SERIES

DO NOT SCALE DRAWING

TITLE: **LOAD CENTER/ATS ASM**

177983

12/2/2011



8
7
6
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2
1

D
C
B
A

11
10
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7

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

2. GROUND WIRES ARE NOT SHOWN FOR CLARITY.

3. ALL WIRES TO BE CLAMPED WITHIN 200MM OF ATS.

4. ALL 110V STRANDED WIRE W/O TERMINALS TO BE STRIPPED 10MM AND SOLDER DIPPED.

5. REMOVE 400MM FROM OUTER JACKET ON ALL WIRES ENTERING LOAD CENTER AND TRIM INDIVIDUAL CONDUCTORS AS REQUIRED TO MAKE INTERNAL CONNECTIONS

6. ATTACH WIRES TO BACKSIDE OF LOAD CENTER, USE EXISTING HOLES AND TIE-WIRE 116673-01-000.

7. FASTEN SWITCH TO COVER BEFORE FASTENING COVER TO BOX.

8. INSTALLED BY ASSEMBLY LINE.

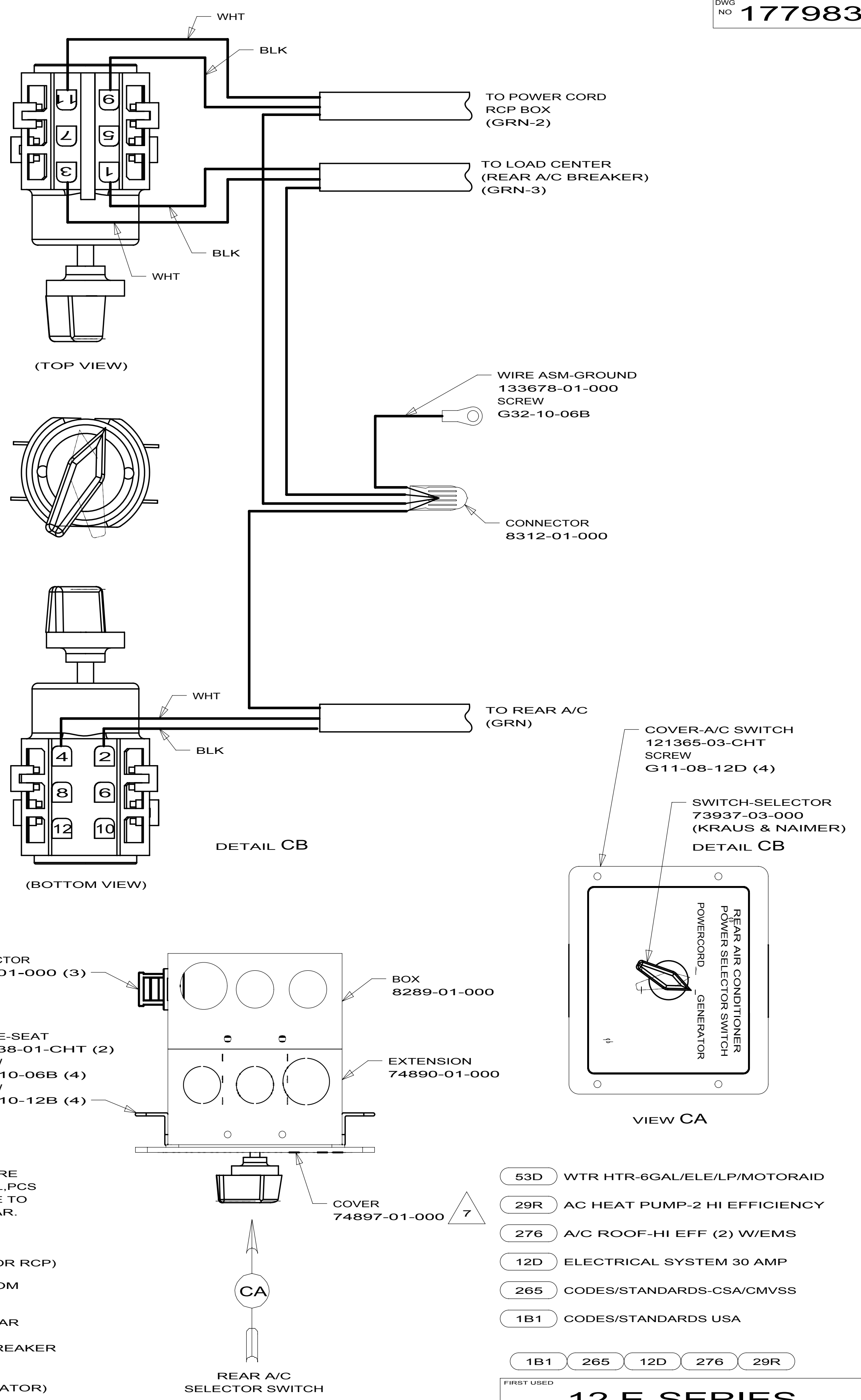
9. WITHOUT 53D

10. BLACKEN OUT "WASHER DRYER" WITH BLACK MARKER.

NOTES:

11. LOOSEN LEFT BUSS BAR MOUNTING SCREW, INSERT BRACKET-BREAKER HOLD DOWN UNDER SCREW, ORIENTATE BRACKET TOWARD MAIN BREAKER AS SHOWN AND TIGHTEN SCREW.

E32K,E35F,E36D

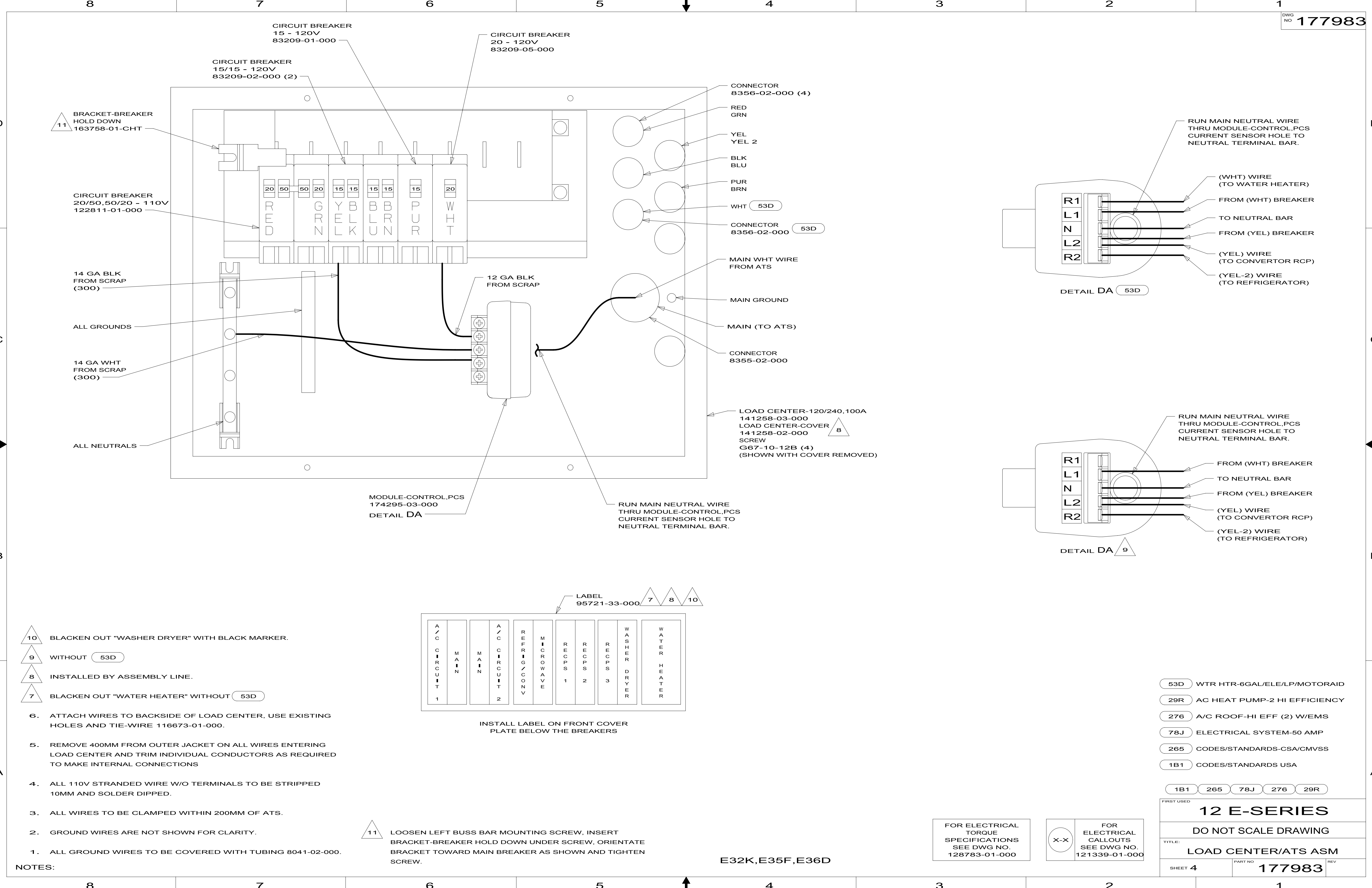


FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

- 53D WTR HTR-6GAL/ELE/LP/MOTORAIID
- 29R AC HEAT PUMP-2 HI EFFICIENCY
- 276 A/C ROOF-HI EFF (2) W/EMS
- 12D ELECTRICAL SYSTEM 30 AMP
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

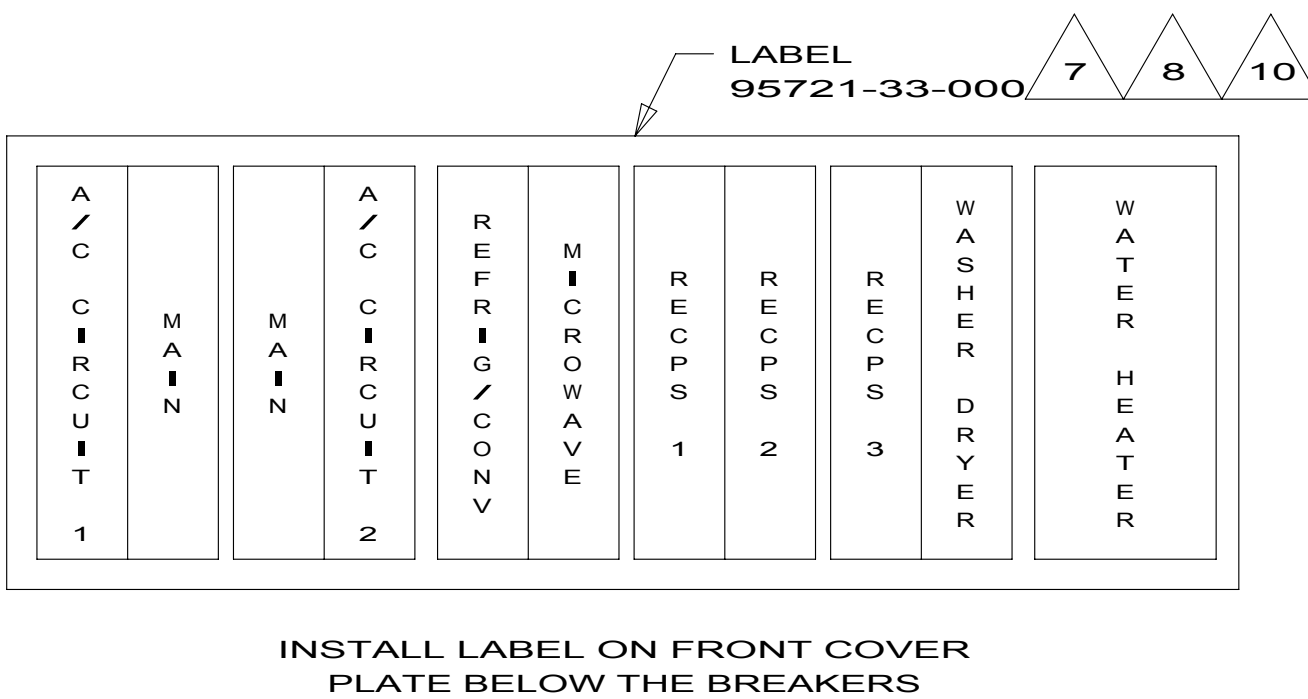
FIRST USED		
12 E-SERIES		
DO NOT SCALE DRAWING		
TITLE: LOAD CENTER/ATS ASM		
SHEET 3	PART NO 177983	REV



- 10 BLACKEN OUT "WASHER DRYER" WITH BLACK MARKER.
- 9 WITHOUT 53D
- 8 INSTALLED BY ASSEMBLY LINE.
- 7 BLACKEN OUT "WATER HEATER" WITHOUT 53D

- 6. ATTACH WIRES TO BACKSIDE OF LOAD CENTER, USE EXISTING HOLES AND TIE-WIRE 116673-01-000.
- 5. REMOVE 400MM FROM OUTER JACKET ON ALL WIRES ENTERING LOAD CENTER AND TRIM INDIVIDUAL CONDUCTORS AS REQUIRED TO MAKE INTERNAL CONNECTIONS
- 4. ALL 110V STRANDED WIRE W/O TERMINALS TO BE STRIPPED 10MM AND SOLDER DIPPED.
- 3. ALL WIRES TO BE CLAMPED WITHIN 200MM OF ATS.
- 2. GROUND WIRES ARE NOT SHOWN FOR CLARITY.
- 1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

11 LOOSEN LEFT BUSS BAR MOUNTING SCREW, INSERT BRACKET-BREAKER HOLD DOWN UNDER SCREW, ORIENTATE BRACKET TOWARD MAIN BREAKER AS SHOWN AND TIGHTEN SCREW.



INSTALL LABEL ON FRONT COVER PLATE BELOW THE BREAKERS

E32K,E35F,E36D

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

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

- 53D WTR HTR-6GAL/ELE/LP/MOTORAID
- 29R AC HEAT PUMP-2 HI EFFICIENCY
- 276 A/C ROOF-HI EFF (2) W/EMS
- 78J ELECTRICAL SYSTEM-50 AMP
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED

12 E-SERIES

TITLE:

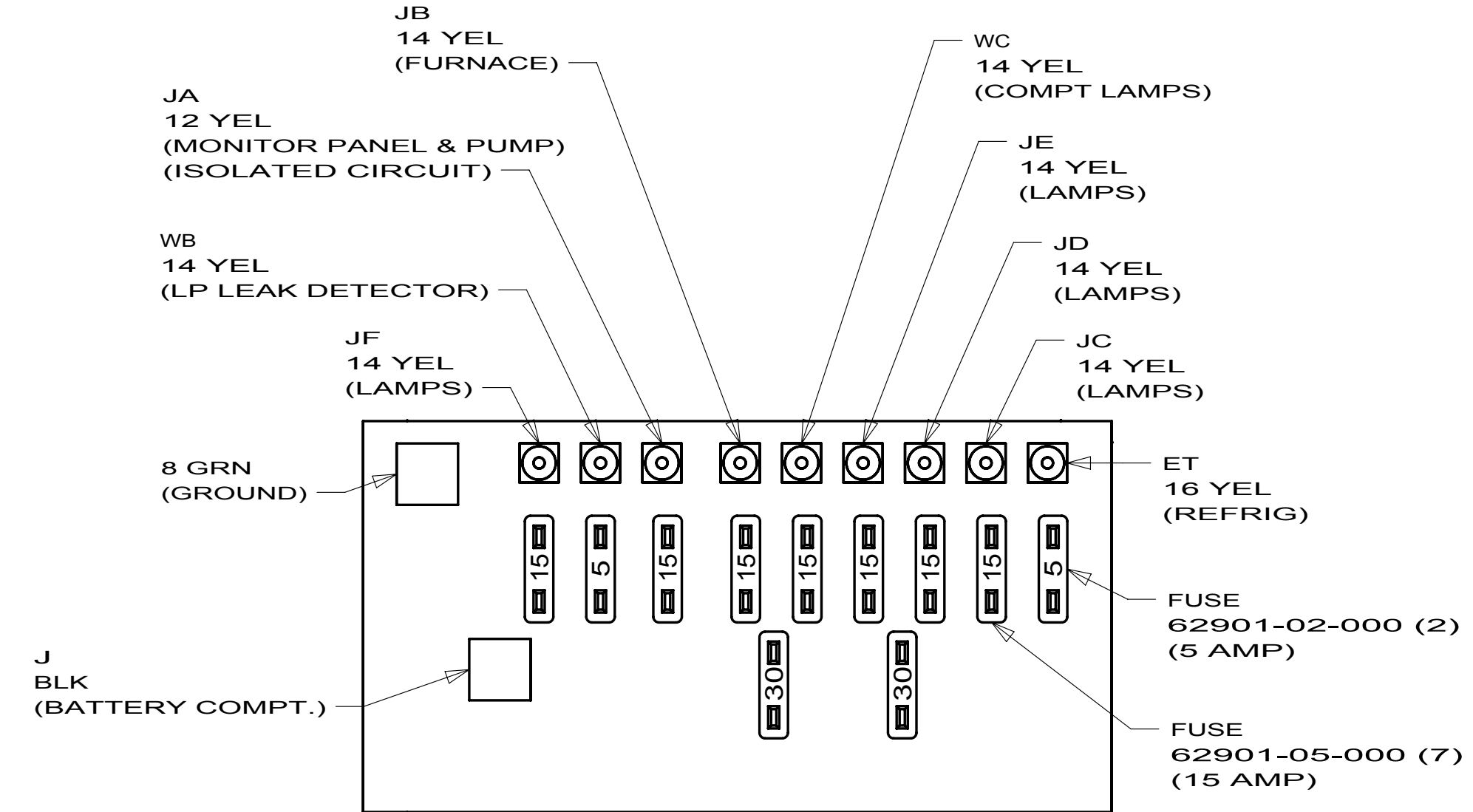
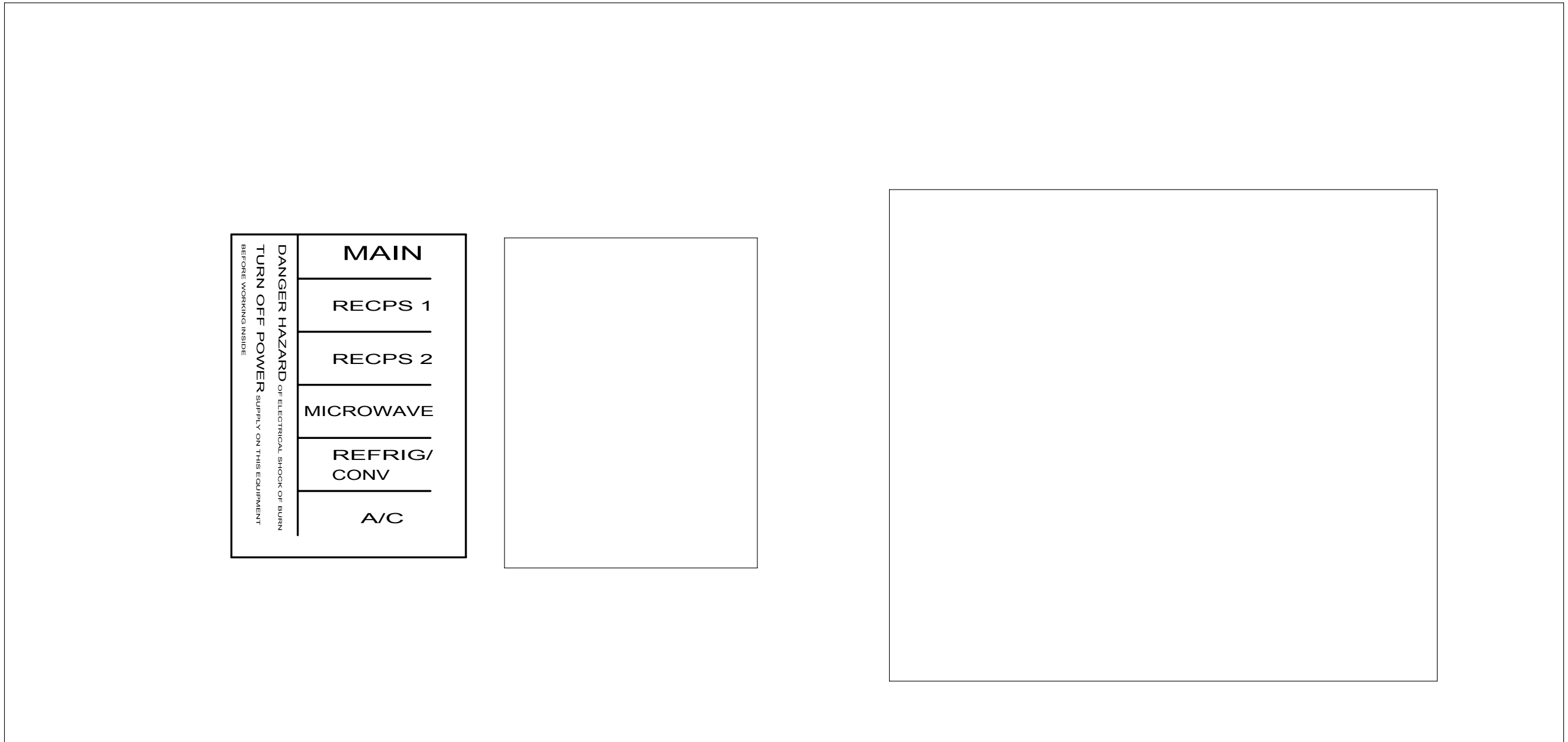
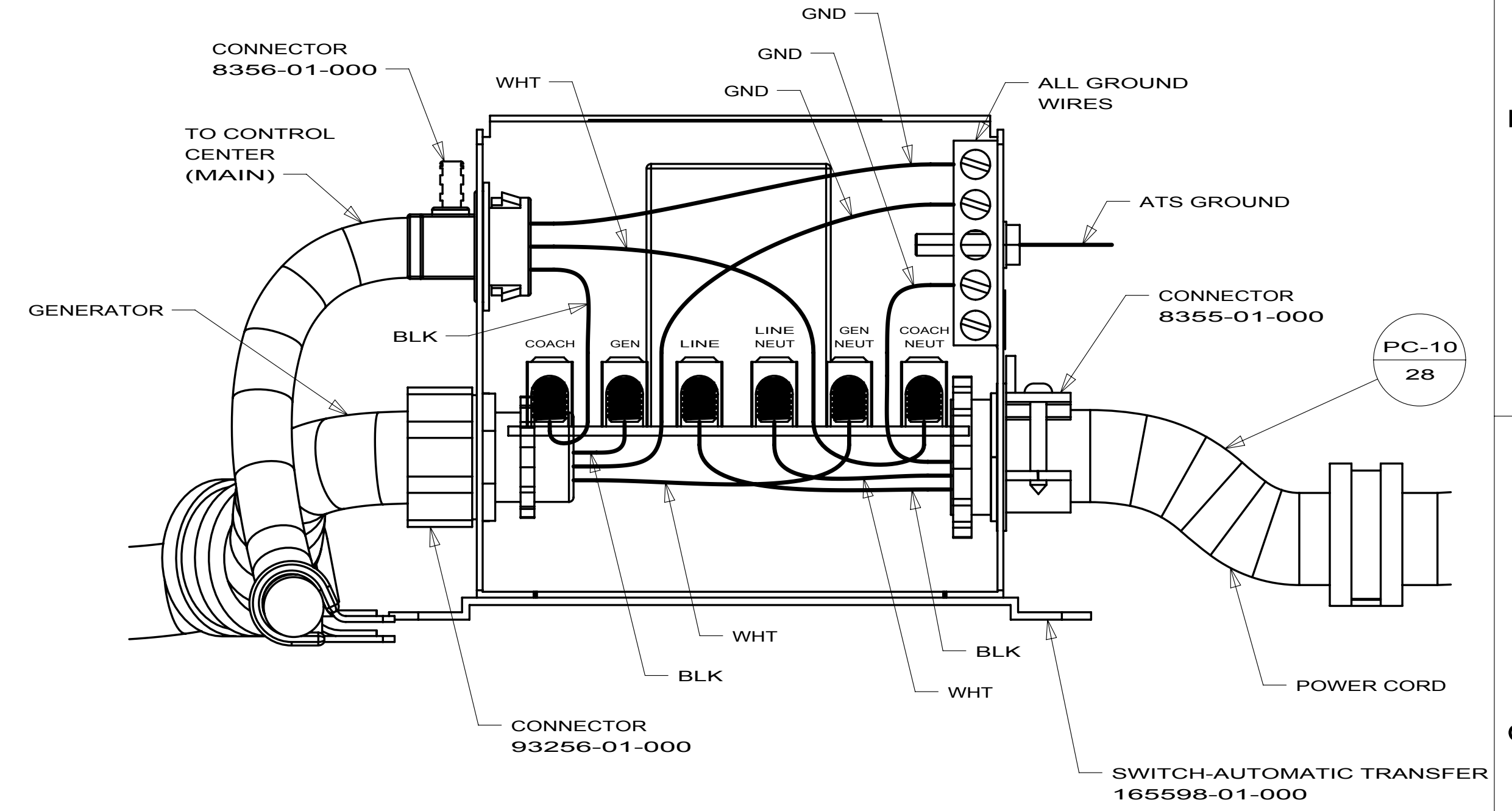
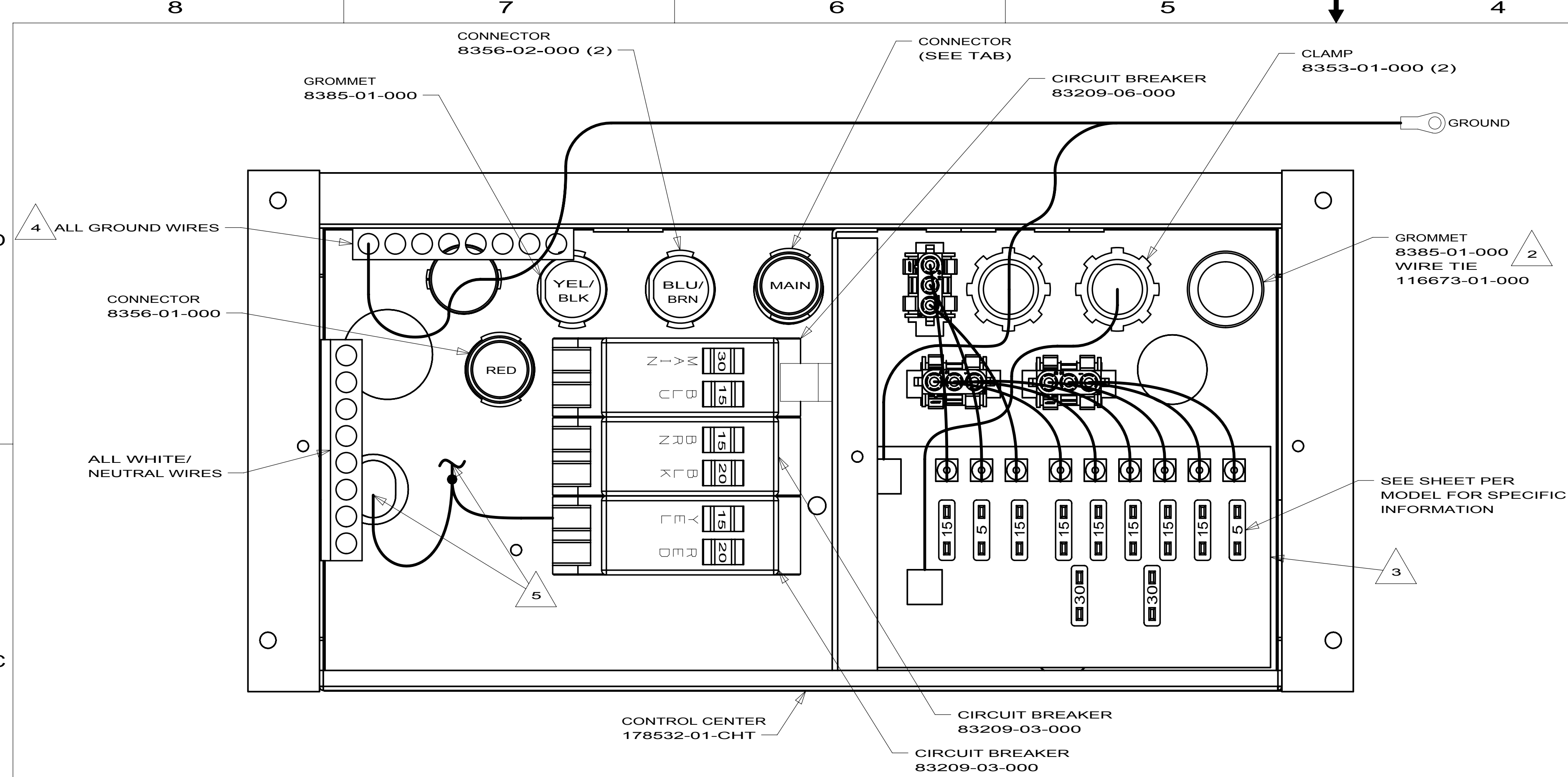
DO NOT SCALE DRAWING

LOAD CENTER/ATS ASM

SHEET 4

PART NO. 177983

REV



- 5 CONNECT CONVERTER POWER CIRCUIT INTO YELLOW BREAKER AND USE SUPPLIED WIRE NUT TO CONNECT YELLOW CIRCUIT.
- 4 ALL GROUND WIRE TO BE COVERED WITH TUBING 8041-02-000.
- 3 SEE WIRING INSTL-BODY, 12V FOR ADDITIONAL INFORMATION.
- 2 INSERT GROMMET FROM THE INSIDE OF CONTROL CENTER SECURE WIRES TO BACKSIDE OF LOAD CENTER WITH WIRE TIE.

NOTES:

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

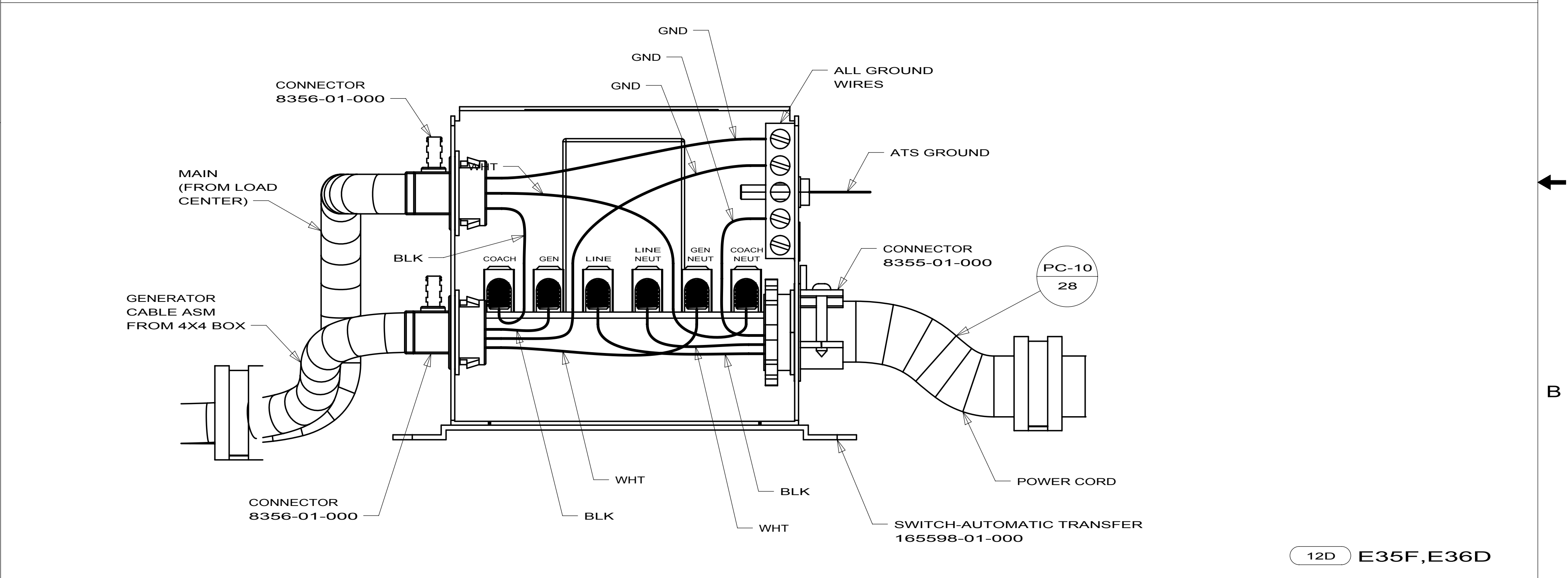
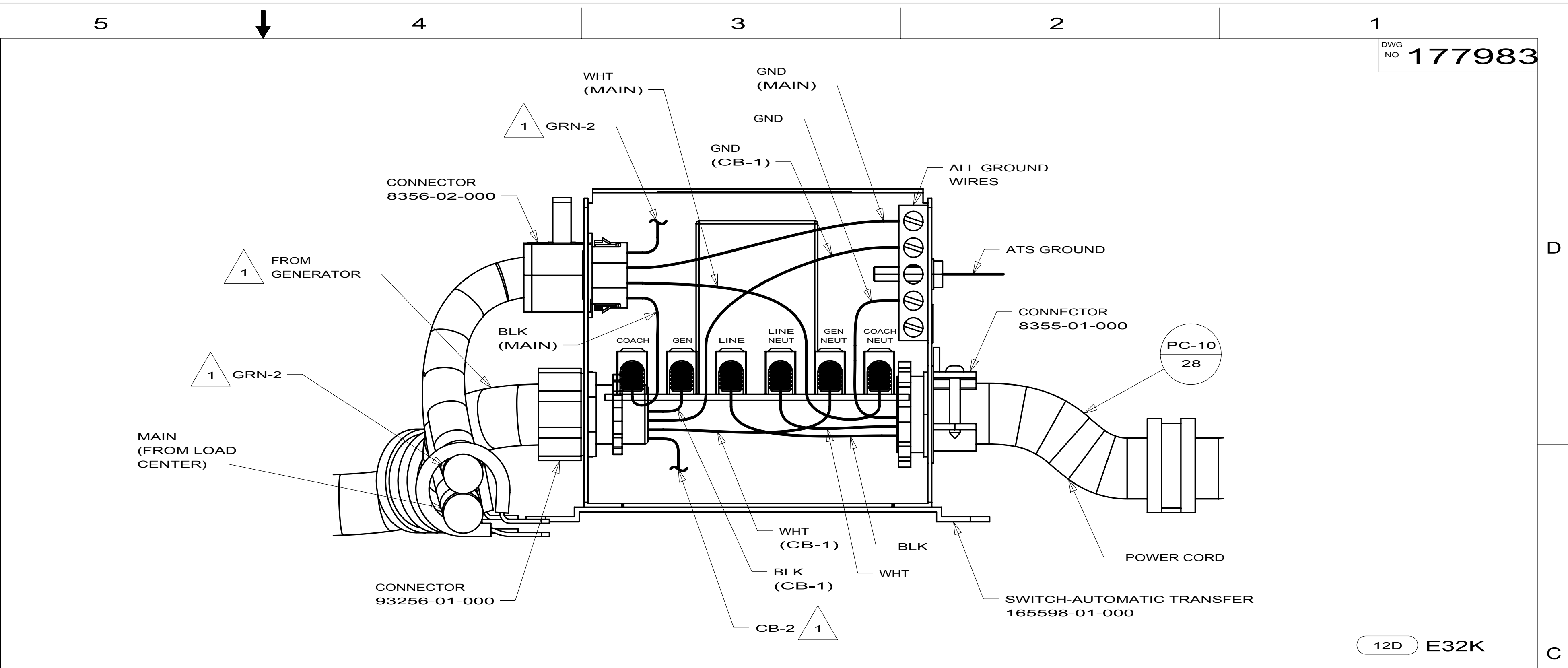
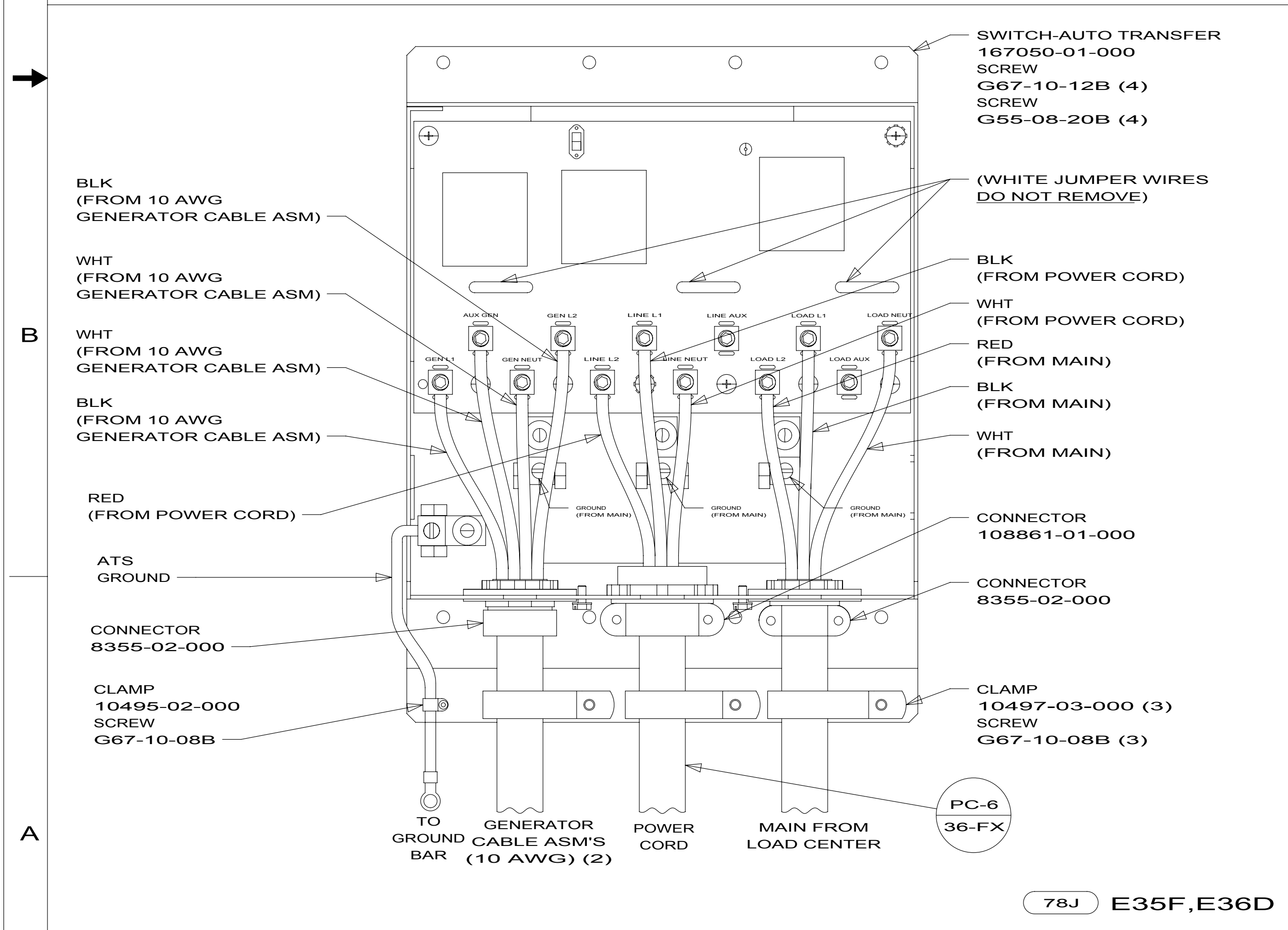
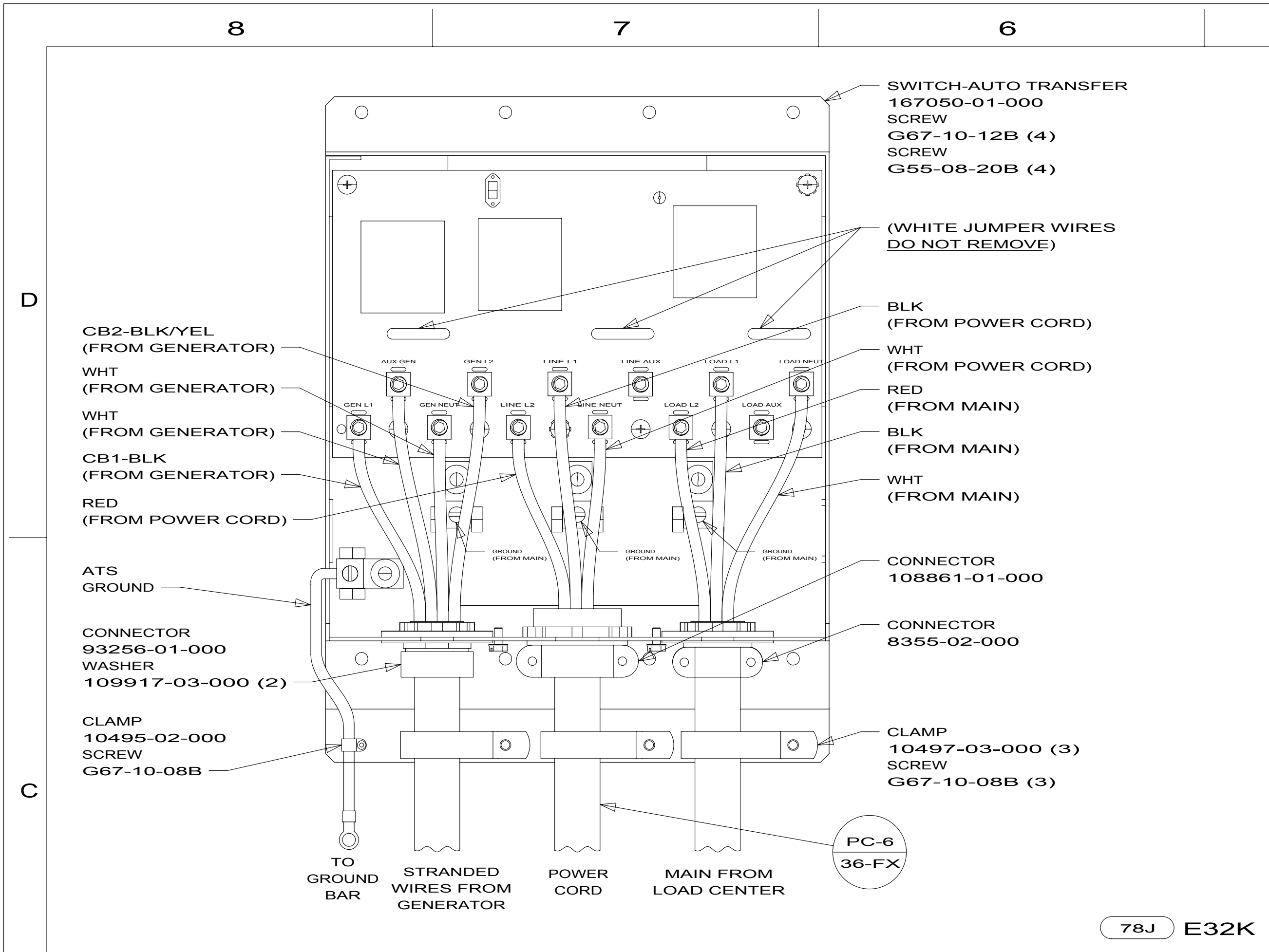
- 29J AC HEAT PUMP-1
- 25Q A/C ROOF AIR (1) 14,800 BTU
- 12D ELECTRICAL SYSTEM 30 AMP
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED		
12 E-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
LOAD CENTER/ATS ASM		
SHEET 5	PART NO	REV
	177983	

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

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

E26P & E30T



- | | |
|-----|---------------------------|
| 78J | ELECTRICAL SYSTEM-50 AMP |
| 12D | ELECTRICAL SYSTEM 30 AMP |
| 276 | A/C ROOF-HI EFF (2) W/EMS |
| 265 | CODES/STANDARDS-CSA/CMVSS |
| 1B1 | CODES/STANDARDS USA |

- 1B1 265 276

12 E-SERIES

DO NOT SCALE DRAWING

LOAD CENTER/ATS ASM

SHEET 6

PART NO
177983

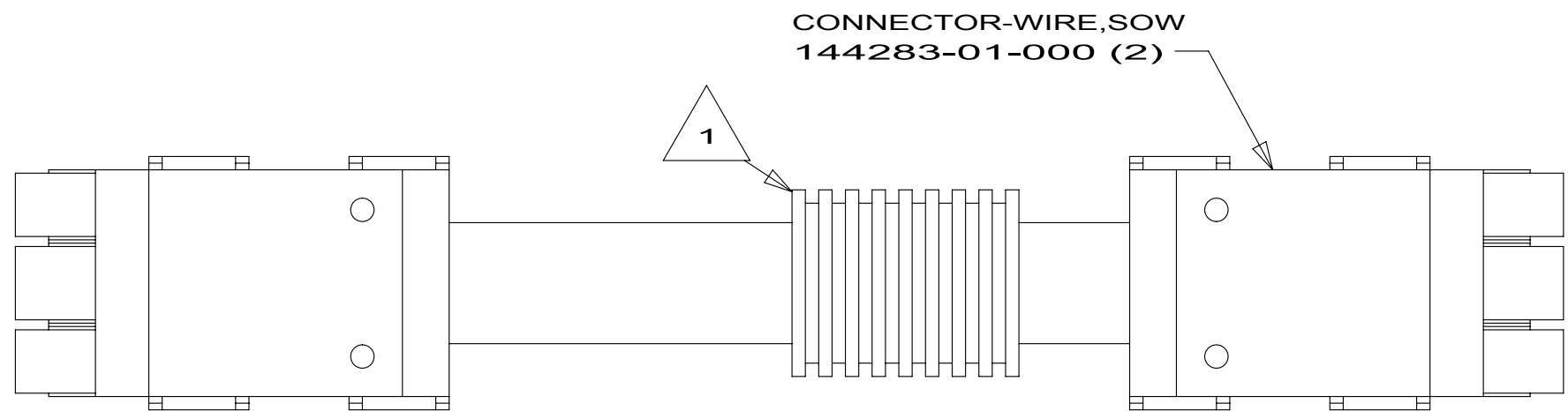
12/2/2011

1 CONNECT CB-2 BLACK WIRE FROM GENERATOR TO BLACK OF GRN-2 WITH CONNECTOR 8311-01-000 AND WHITES TO WHITES AND GROUNDS TO GROUND.

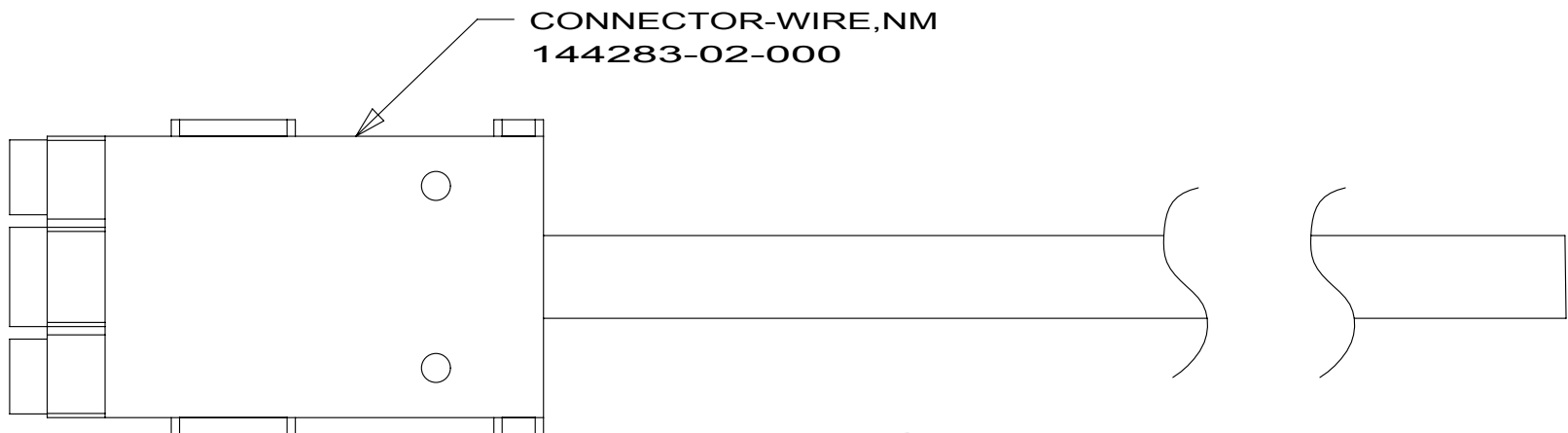
NOTES:

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

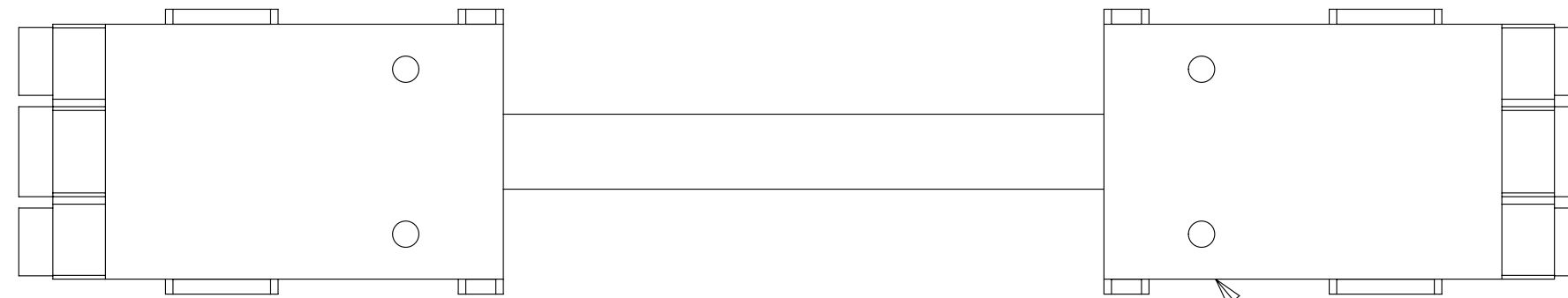
FOR
ELECTRICAL
CALLOUTS
SEE DWG NO.
121339-01-000



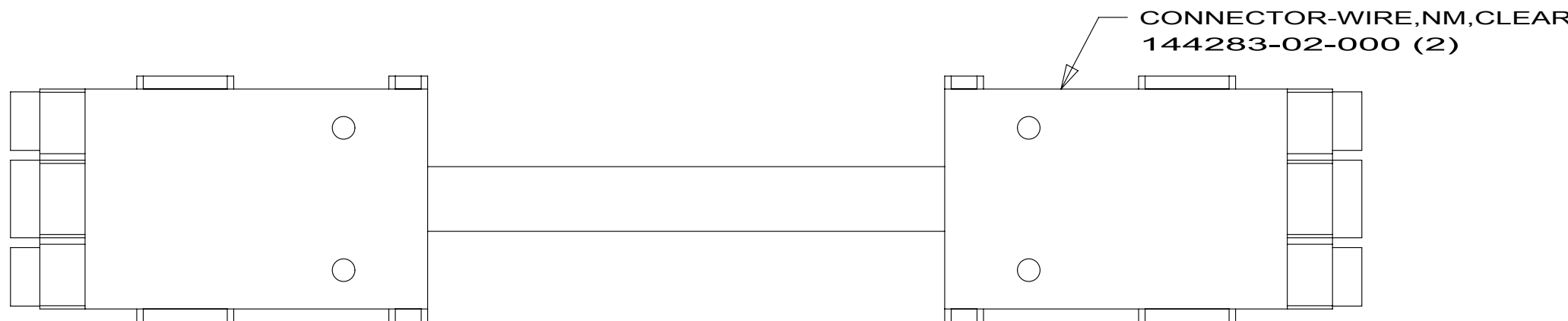
DETAIL GA



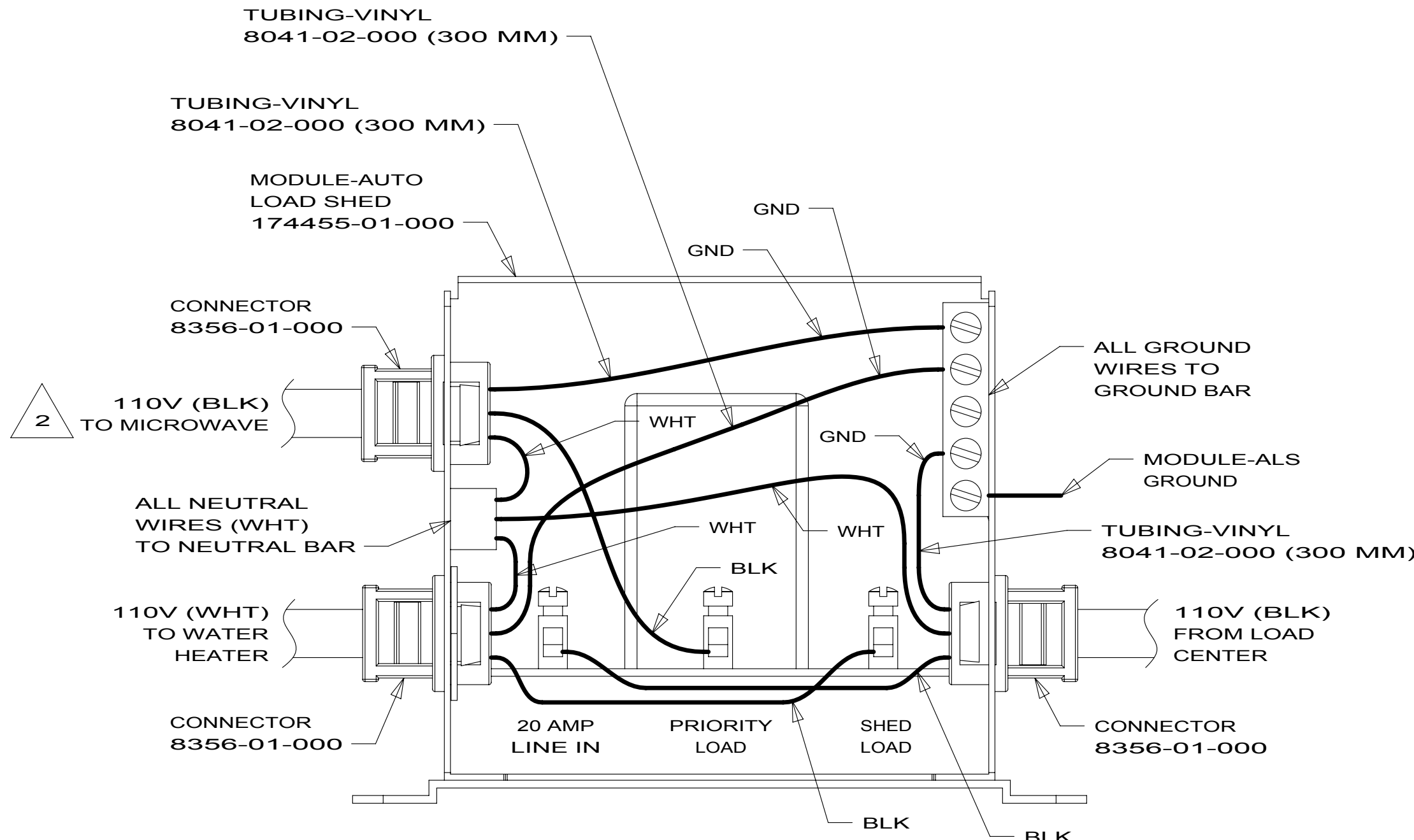
DETAIL GB



DETAIL GC

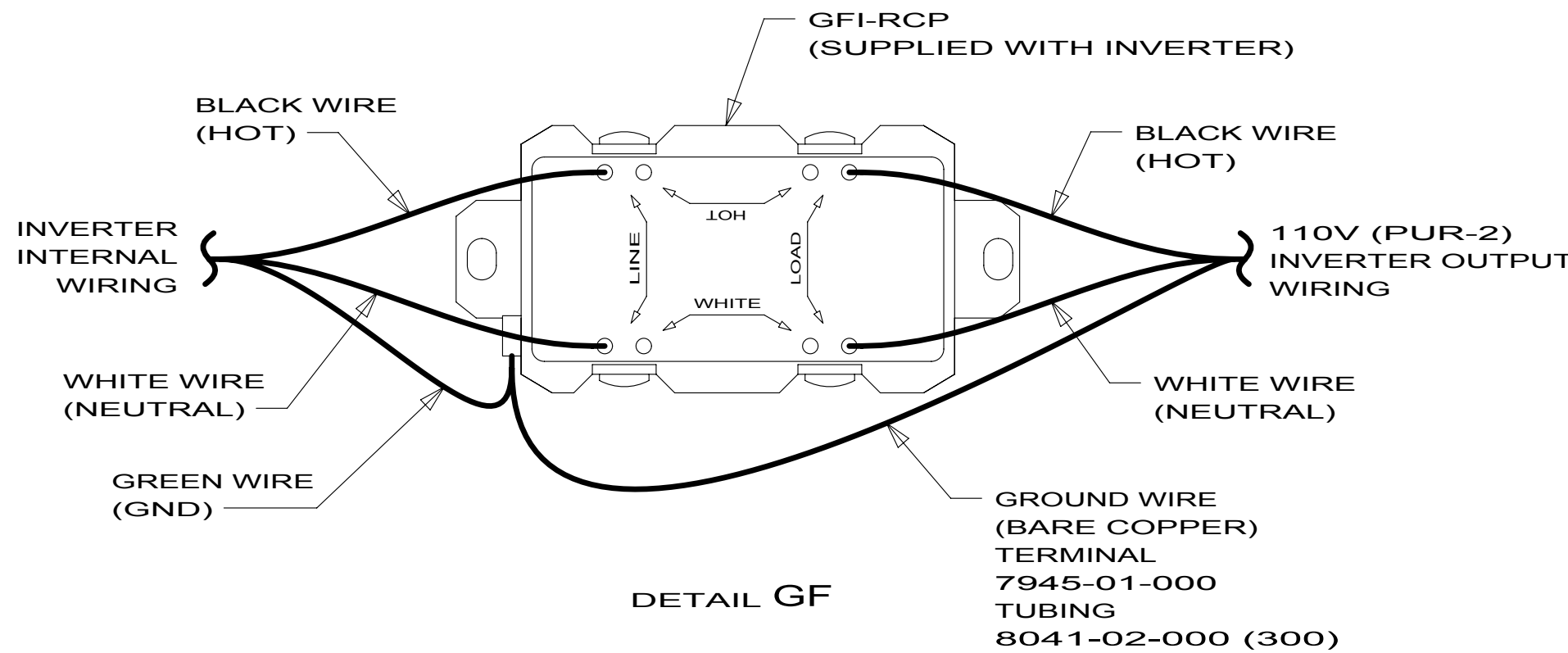


DETAIL GG

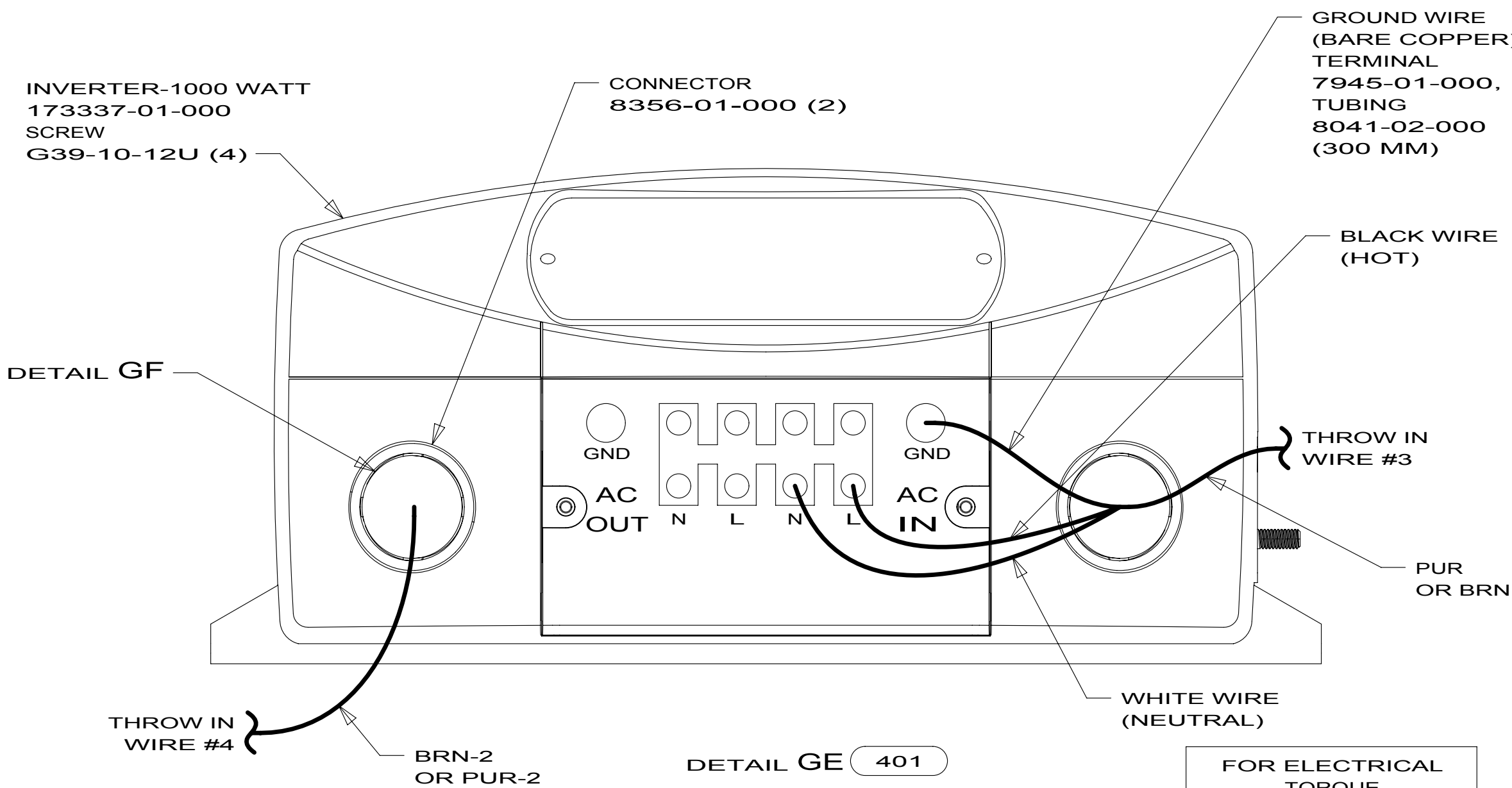


DETAIL GD

25Q 29J 53D



DETAIL GF



DETAIL GE

2 ON E26P, MEASURE 2400MM FROM THE BACK OF THE LOAD CENTER, LOOP THE BLACK WIRE AND CONNECT AS SHOWN. ON E30W MEASURE BACK 1200.

1 APPLY 300MM OF CONDUIT-CONVOLUTE 41953-05-000 OVER WIRE AT DIMENSION SHOWN AND SECURE BOTH ENDS OF TUBING TO WIRE WITH TAPE 8363-01-000.

NOTES:

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
- 53D WTR HTR-6GAL/ELE/LP/MOTORAID
- 29J AC HEAT PUMP-1
- 25Q A/C ROOF AIR (1) 14,800 BTU
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265

12 E-SERIES

DO NOT SCALE DRAWING

TITLE: LOAD CENTER/ATS ASM

SHEET 7 PART NO 177983 REV