

RED	1B1	136135-07-091	
	265	136136-07-091	
YEL	1B1	136131-05-074	2 12D
	265	136134-05-074	2 12D
YEL	1B1	136131-05-010	078
	265	136134-05-010	078
YEL-2	1B1	136131-05-069	2 078
	265	136134-05-069	2 078
BRN	1B1	136131-03-056	2
	265	136134-03-056	2
BLU	1B1	136131-02-160	
	265	136134-02-160	
MAIN	1B1	136137-01-026	12D
	265	136138-01-026	12D
MAIN	1B1	136139-01-026	078
	265	136140-01-026	078
BLK	1B1	136135-06-080	
	265	136136-06-080	
WHT	1B1	136135-09-030	5
	265	136136-09-030	5
GRN	1B1	136135-08-091	078
	265	136136-08-091	078
THROW IN WIRE #1	1B1	136131-03-004	2
	265	136134-03-004	2
THROW IN WIRE #2	1B1	136131-02-043	2
	265	136134-02-043	2
THROW IN WIRE #5	1B1	136131-19-140	4
	265	136134-19-140	4
THROW IN WIRE #6	1B1	136131-19-023	
	265	136134-19-023	
THROW IN WIRE #7	1B1	136131-19-010	
	265	136134-19-010	

SLIDEOUT WIRE #1	136151-02-018	3
SLIDEOUT WIRE #2	136151-05-018	3
SLIDEOUT WIRE #3	136151-03-018	3
SLIDEOUT WIRE #4	136152-06-018	
GROUND ATS	136145-01-015	
GROUND MAIN	178545-01-024	12D
GROUND MAIN	136145-01-024	078

- 12D ELECTRICAL SYSTEM 30 AMP
- 078 ALL WEATHER UPGRADE PACKAGE
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

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DSNR:		ALL DIMENSIONS ARE IN MILLIMETERS	
DFFR:		MATERIAL:	
UNSPECIFIED TOLERANCES:			
WHOLE DIM (X)	: 3		
ONE-PLACE (X.X)	: 1.5		
TWO-PLACE (X.XX)	: 0.50		
ANGLE	: 1°		
REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES		WEIGHT: (LBS)	FIRST USED:
			19 F27N
DESCRIPTION: <b>LOAD CENTER/ATS ASM</b>			
SHEET:	ITEM/PART NO.:	REV:	
1 OF 5	000163995 / 32899101000		
REF:		1 25-Jun-2019	

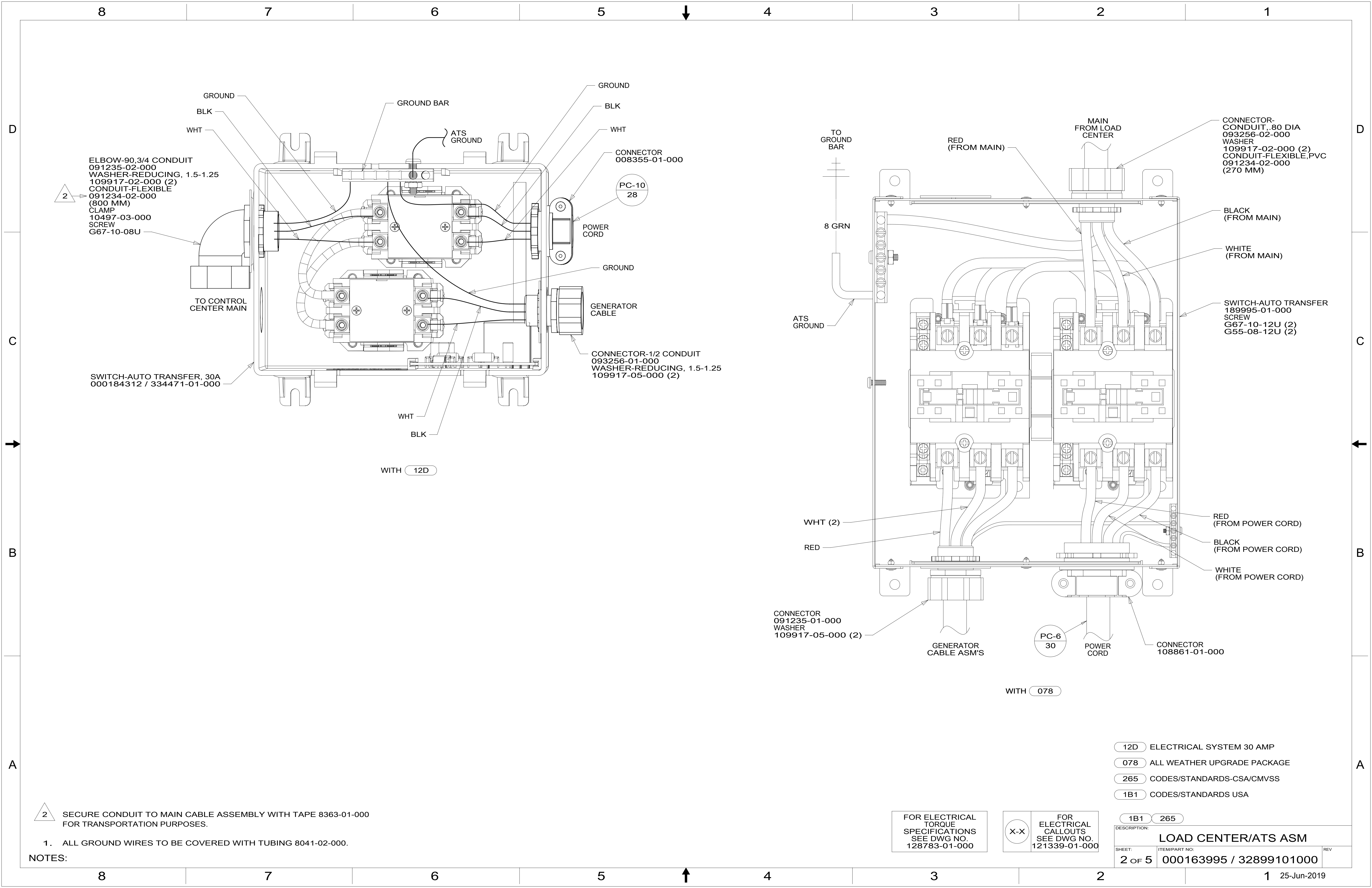
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

- 5 SEE DETAIL CD FOR ADDITIONAL INFORMATION.
- 4 SEE DETAIL CC FOR CONNECTOR INSTALLATION.
- 3 SEE DETAIL CB FOR CONNECTOR INSTALLATION.
- 2 SEE DETAIL CA FOR CONNECTOR INSTALLATION.

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

NOTES:



ELBOW-90, 3/4 CONDUIT  
091235-02-000  
WASHER-REDUCING, 1.5-1.25  
109917-02-000 (2)  
CONDUIT-FLEXIBLE  
091234-02-000  
(800 MM)  
CLAMP  
10497-03-000  
SCREW  
G67-10-08U

SWITCH-AUTO TRANSFER, 30A  
000184312 / 334471-01-000

CONNECTOR  
008355-01-000

PC-10  
28

CONNECTOR-1/2 CONDUIT  
093256-01-000  
WASHER-REDUCING, 1.5-1.25  
109917-05-000 (2)

CONNECTOR  
091235-01-000  
WASHER  
109917-05-000 (2)

PC-6  
30

CONNECTOR  
108861-01-000

CONNECTOR-  
CONDUIT, .80 DIA  
093256-02-000  
WASHER  
109917-02-000 (2)  
CONDUIT-FLEXIBLE, PVC  
091234-02-000  
(270 MM)

BLACK  
(FROM MAIN)

WHITE  
(FROM MAIN)

SWITCH-AUTO TRANSFER  
189995-01-000  
SCREW  
G67-10-12U (2)  
G55-08-12U (2)

RED  
(FROM POWER CORD)

BLACK  
(FROM POWER CORD)

WHITE  
(FROM POWER CORD)

WITH 12D

WITH 078

2 SECURE CONDUIT TO MAIN CABLE ASSEMBLY WITH TAPE 8363-01-000 FOR TRANSPORTATION PURPOSES.

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

NOTES:

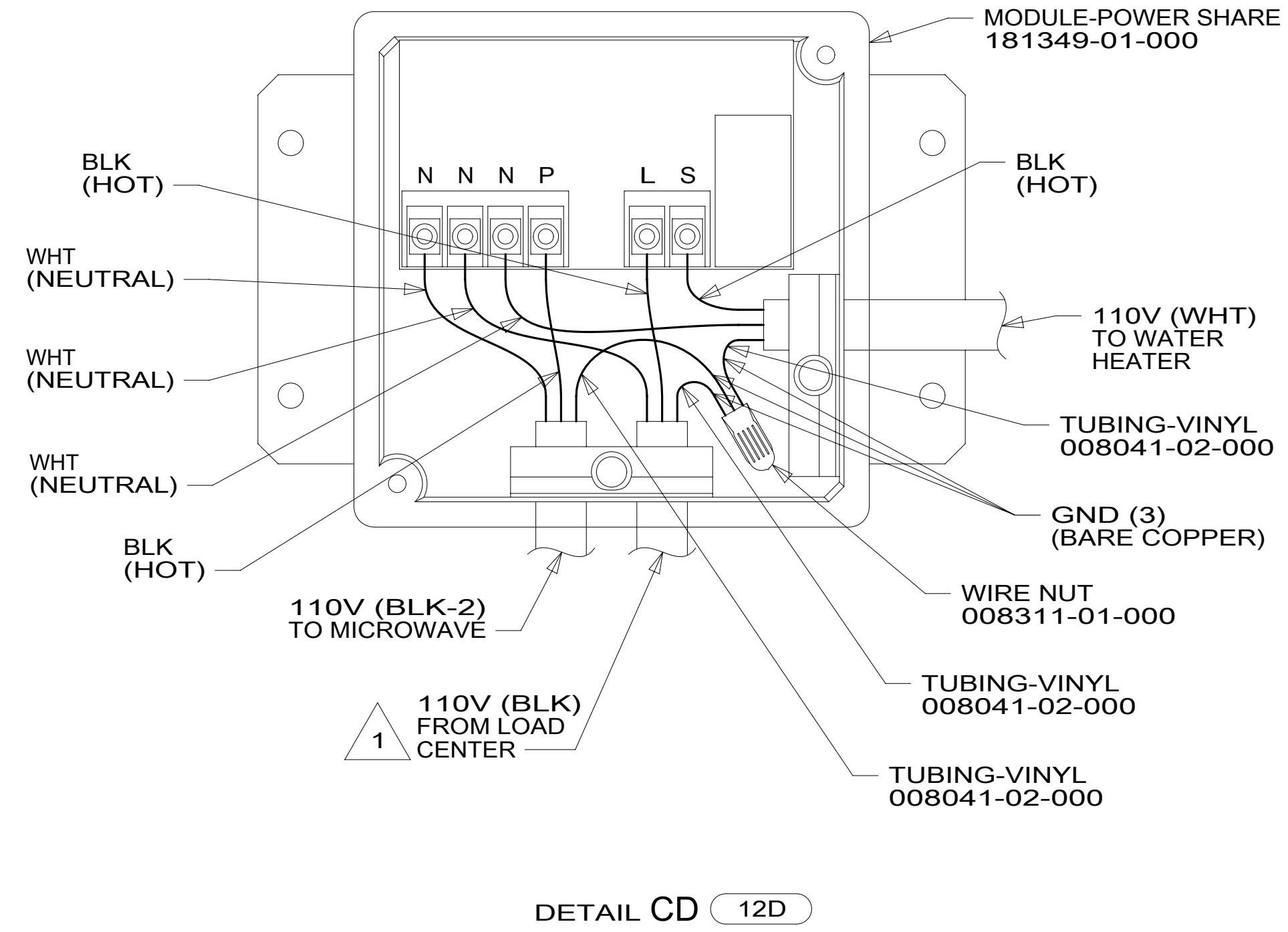
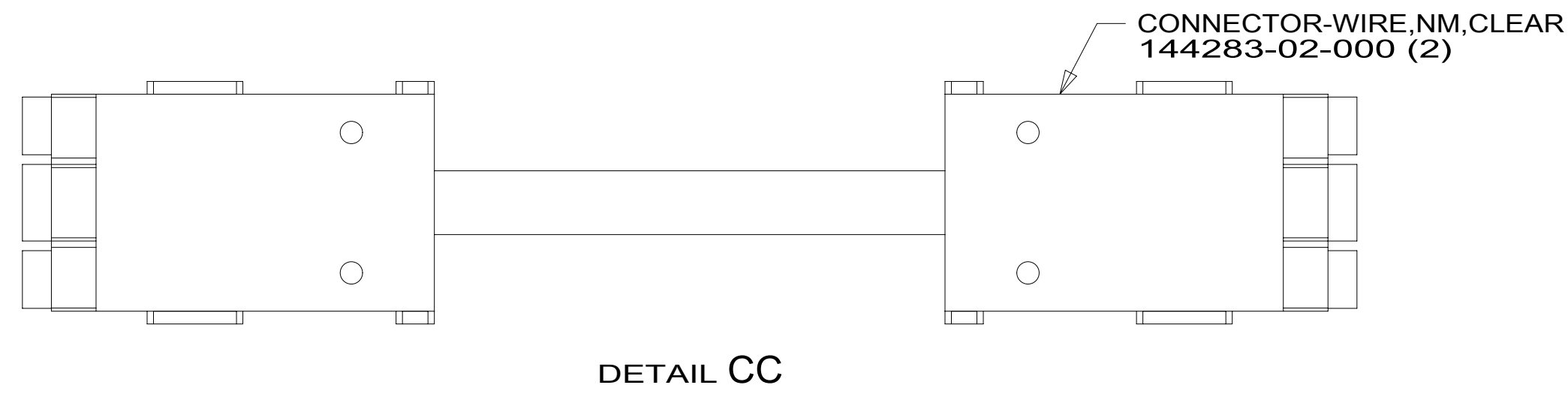
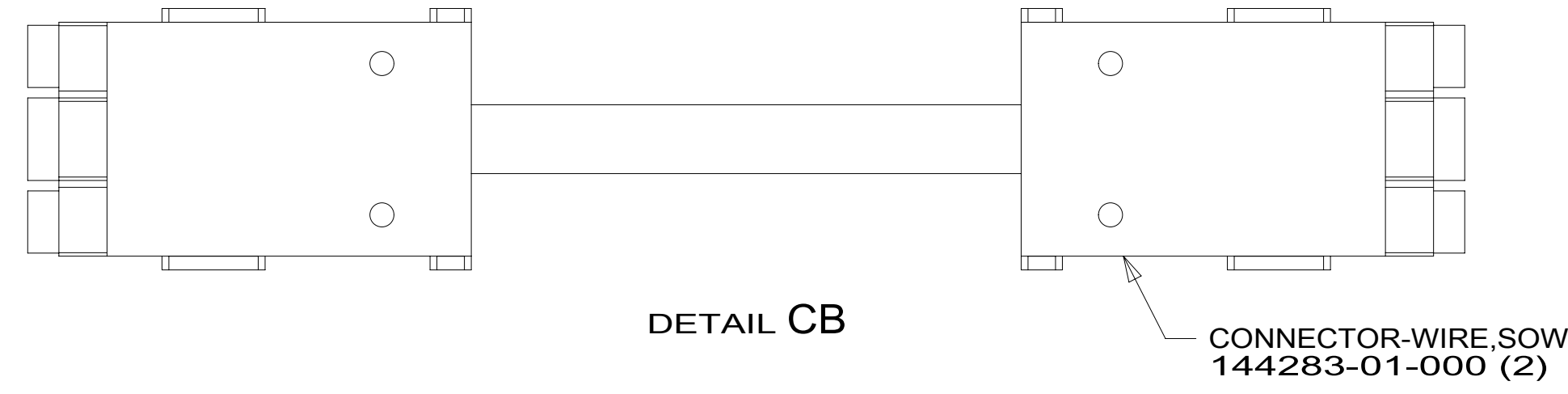
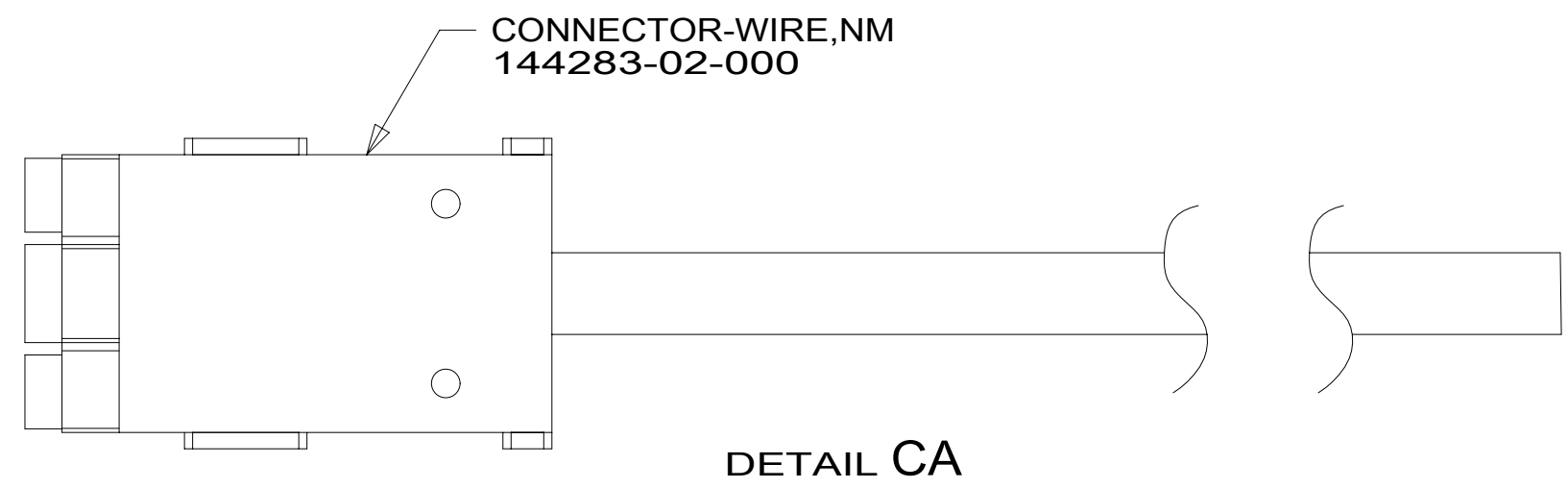
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

- 12D ELECTRICAL SYSTEM 30 AMP
- 078 ALL WEATHER UPGRADE PACKAGE
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

DESCRIPTION: <b>LOAD CENTER/ATS ASM</b>	
SHEET: 2 OF 5	ITEM/PART NO.: 000163995 / 32899101000
REV	

8 7 6 5 4 3 2 1



1 MEASURE 900 MM FROM THE BACK OF THE LOAD CENTER,  
LOOP THE BLACK WIRE AND CONNECT AS SHOWN.

NOTES:

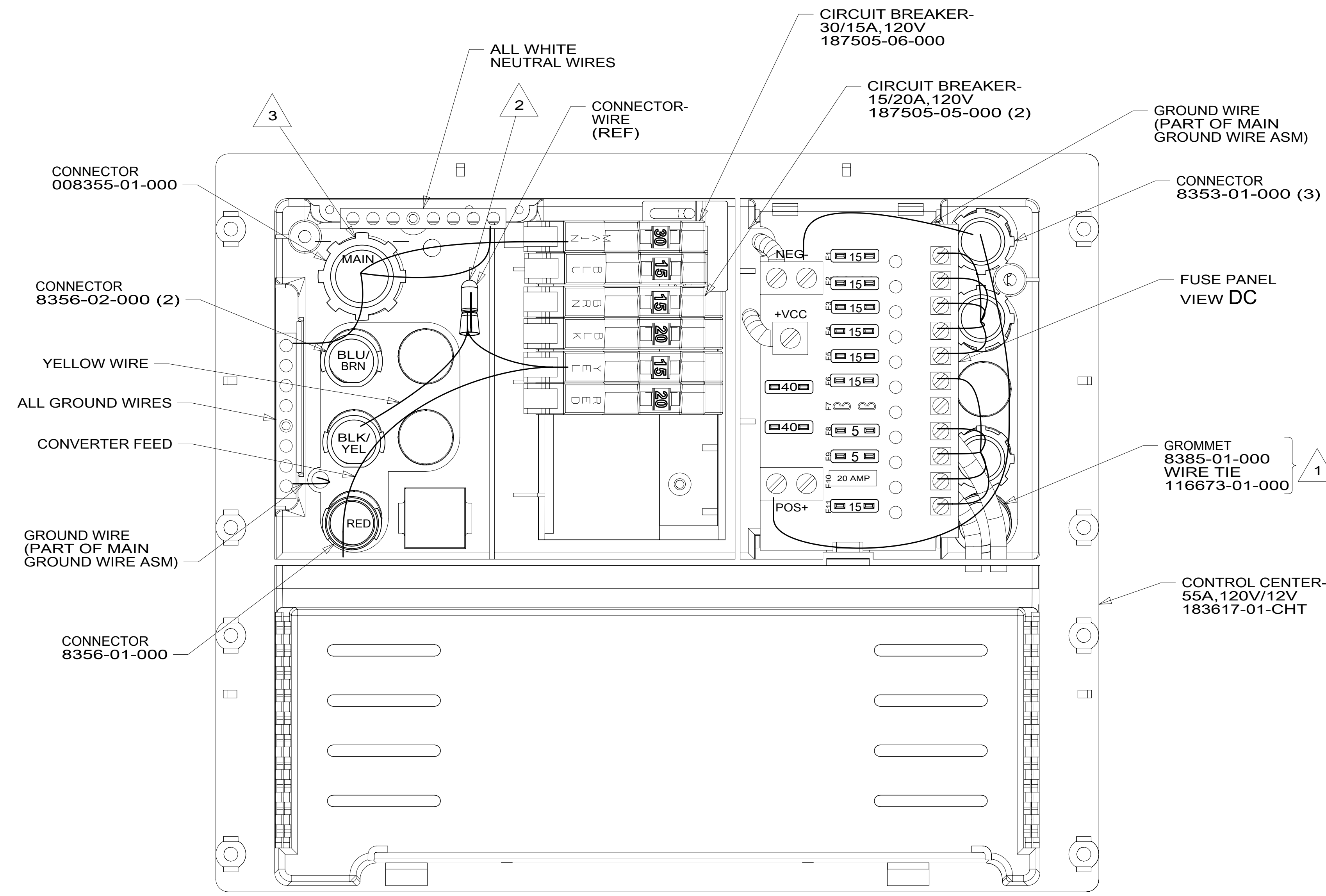
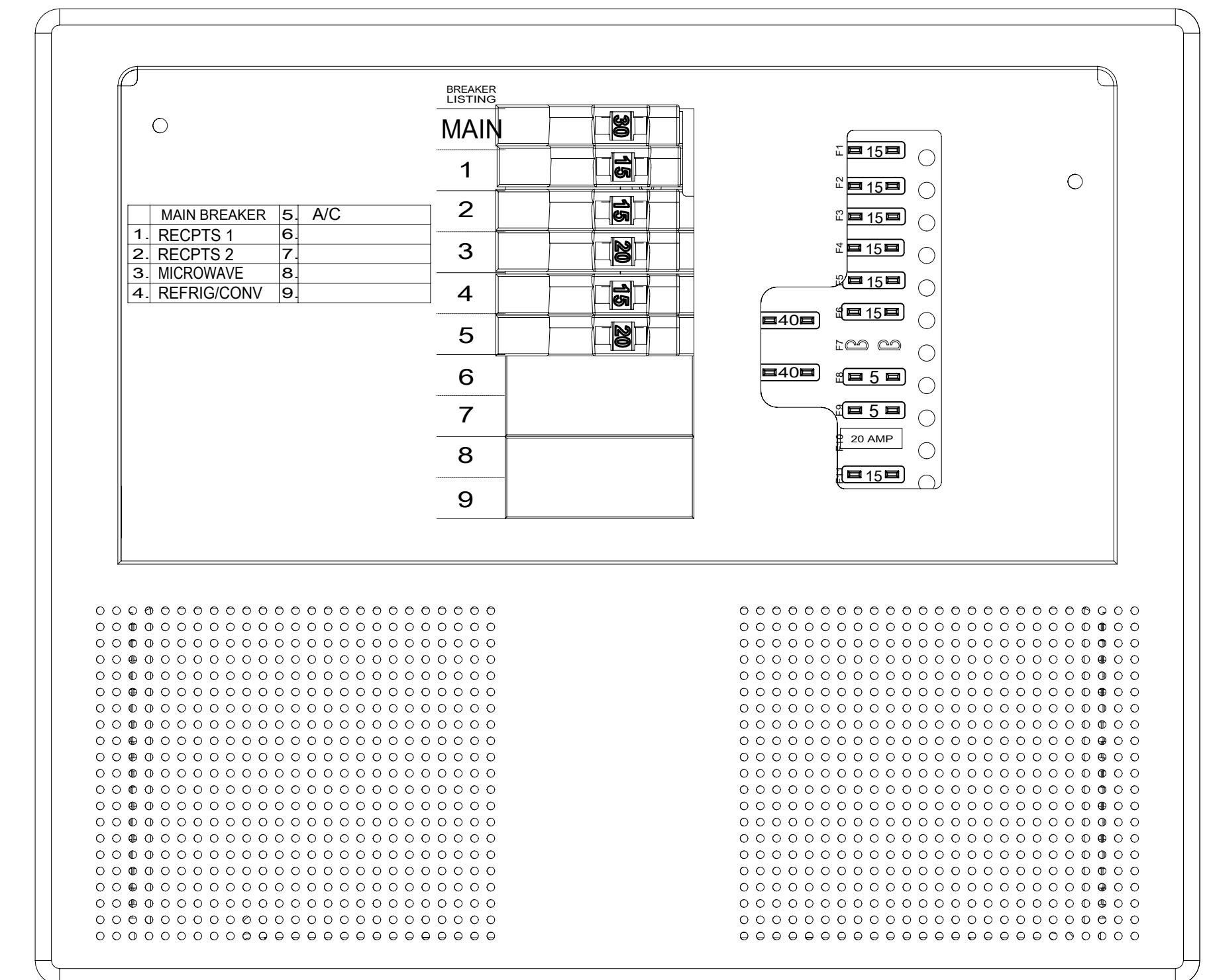
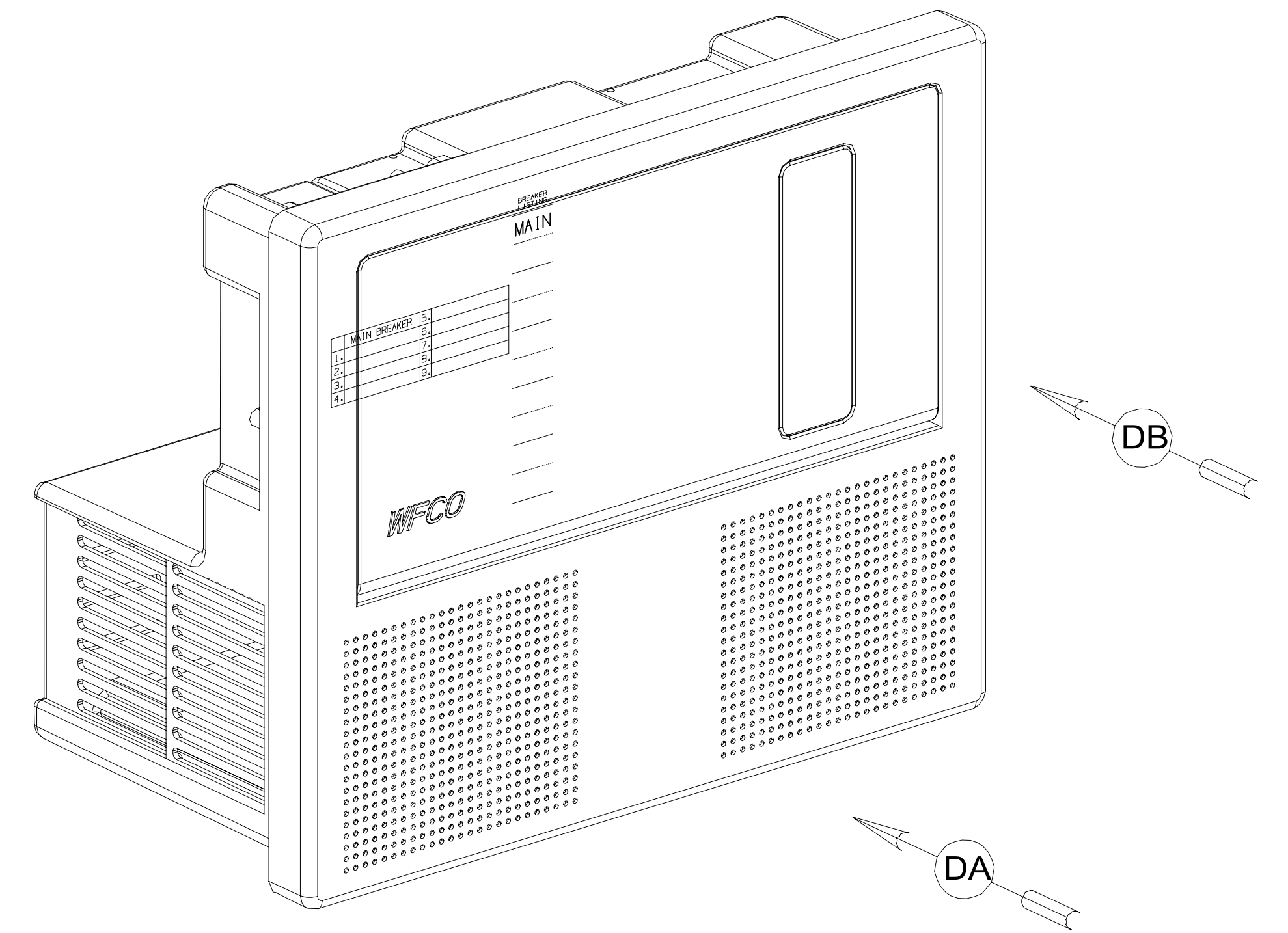
FOR ELECTRICAL  
TORQUE  
SPECIFICATIONS  
SEE DWG NO.  
128783-01-000

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

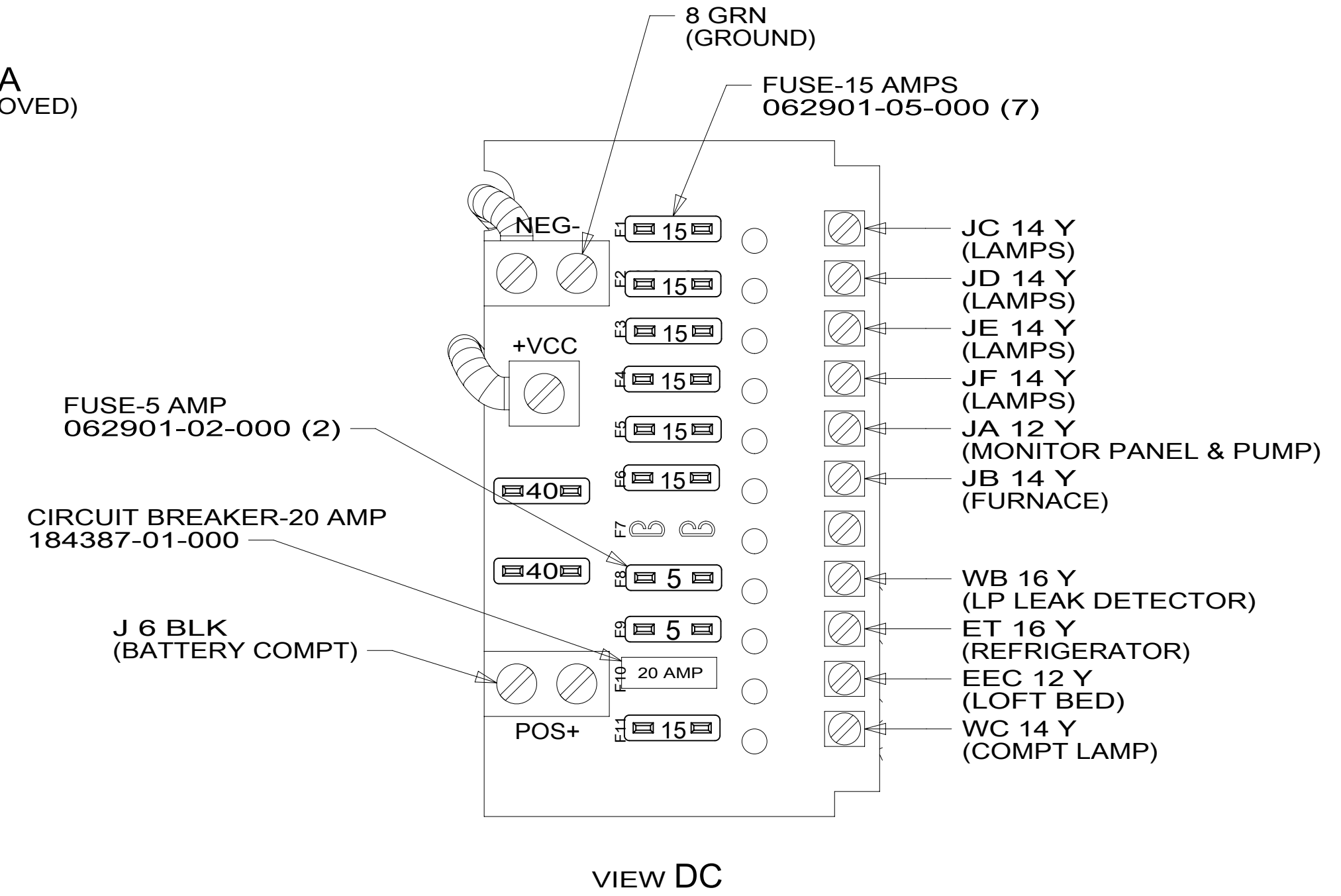
- 12D ELECTRICAL SYSTEM 30 AMP
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

DESCRIPTION: <b>LOAD CENTER/ATS ASM</b>	
SHEET: <b>3 OF 5</b>	ITEM/PART NO.: <b>000163995 / 32899101000</b>
REV	

8 7 6 5 4 3 2 1 25-Jun-2019



VIEW DA  
(COVER REMOVED)



VIEW DB  
(DOOR REMOVED)

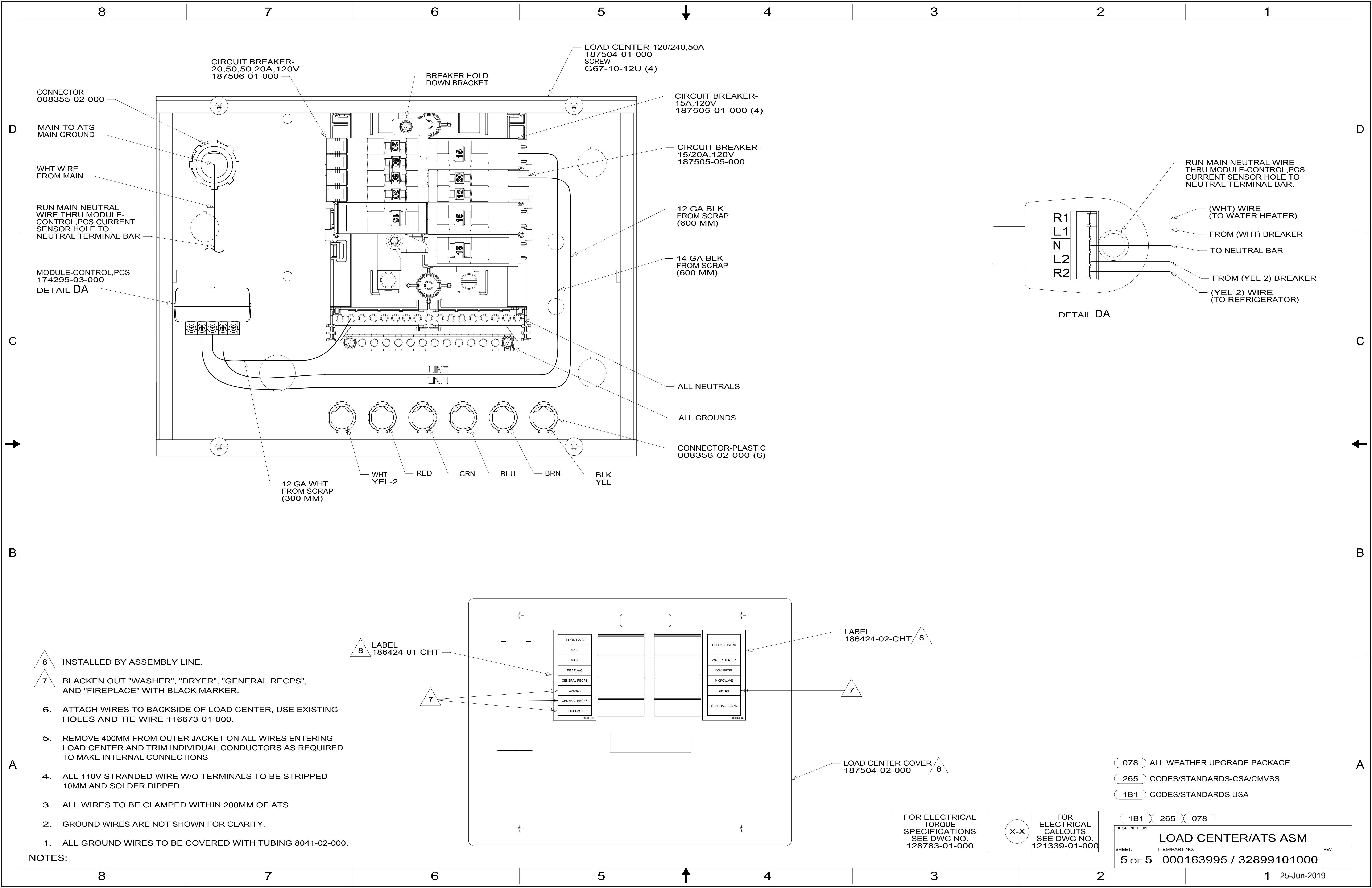
- NOTES:
- 3 TO BE CONNECTED DURING ASSEMBLY OF LOAD CENTER.
  - 2 CONNECT CONVERTER POWER CIRCUIT INTO YELLOW BREAKER USE SUPPLIED WIRE NUT TO CONNECT TO YELLOW CIRCUIT WIRE.
  - 1 INSERT GROMMET FROM THE INSIDE OF CONTROL CENTER. SECURE 110V WIRES TO BACKSIDE OF CONTROL CENTER WITH WIRE TIE.

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

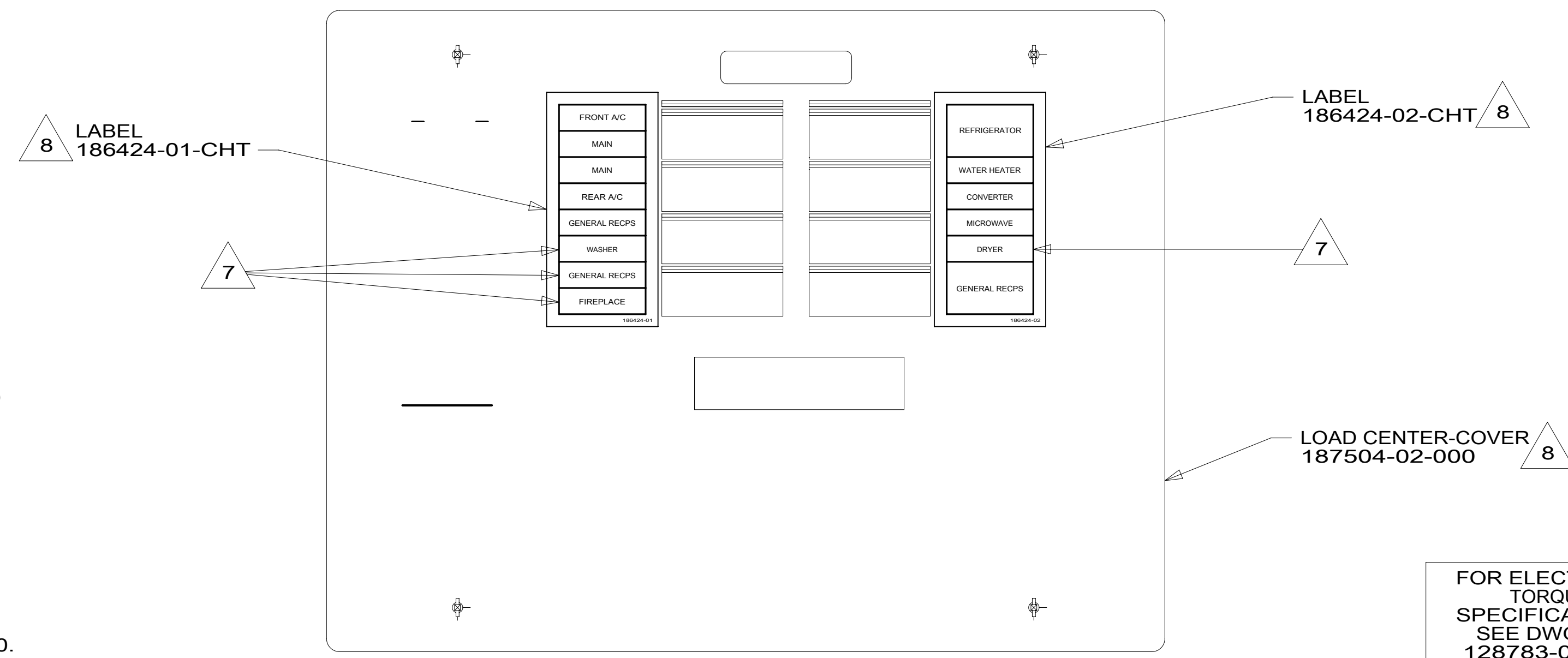
FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

- 12D ELECTRICAL SYSTEM 30 AMP
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

DESCRIPTION:		
1B1	265	12D
LOAD CENTER/ATS ASM		
SHEET:	ITEM/PART NO.:	REV:
4 OF 5	000163995 / 32899101000	



- 8** INSTALLED BY ASSEMBLY LINE.
- 7** BLACKEN OUT "WASHER", "DRYER", "GENERAL RECPS", AND "FIREPLACE" WITH BLACK MARKER.
- 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.
- NOTES:**



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

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

- 078** ALL WEATHER UPGRADE PACKAGE
- 265** CODES/STANDARDS-CSA/CMVSS
- 1B1** CODES/STANDARDS USA

<b>1B1 265 078</b>		
<b>DESCRIPTION:</b>		
<b>LOAD CENTER/ATS ASM</b>		
<b>SHEET:</b> 5 OF 5	<b>ITEM/PART NO.:</b> 000163995 / 32899101000	<b>REV</b>