

DRAWING NO.	MODEL	SHEET
191495-01	E27N	1,2,3,5,7,11
191495-02	E26HE	1,2,3,5,6,7,11
191495-03	E30T	1,2,3,5,6,7,10,11
191495-04	E35B	1,2,3,4,6,7
191495-05	E35F	1,2,3,6,7,8
191495-06	E31KE	1,2,3,5,6,7,11
191495-07	E36Y	1,2,3,6,7,9
191495-08	E31BE	1,2,3,6,7,11

		E26HE	E27N	E30T	E31BE	E31KE	E35B	E35F	E36Y
RED	1B1	136135-07-051	136135-07-091	136135-07-078	136135-07-027 ²	136135-07-058	136135-07-062	136135-07-055	136135-07-057
	265	136136-07-051	136136-07-091	136136-07-078	136136-07-027 ²	136136-07-058	136136-07-062	136136-07-055	136136-07-057
YEL	1B1	136131-05-010 ²	136131-05-074 ²	136131-05-029	136131-05-020	136131-05-050	136131-05-037	136131-05-012	136131-05-012 ²
	265	136134-05-010 ²	136134-05-074 ²	136134-05-029	136134-05-020	136134-05-050	136134-05-037	136134-05-012	136134-05-012 ²
YEL-2	1B1			136131-13-024 078			136131-13-051	136131-13-042	
	265			136134-13-024 078			136134-13-051	136134-13-042	
BRN	1B1	136131-03-051	136131-03-056 ²	136131-03-048 ²	136131-03-052 ²	136131-03-100	136131-03-122	136131-03-077 ²	136131-03-090 ²
	265	136134-03-051	136134-03-056 ²	136134-03-048 ²	136134-03-052 ²	136134-03-100	136134-03-122	136134-03-077 ²	136134-03-090 ²
BLU	1B1	136131-02-087	136131-02-150	136131-02-145	136131-02-070 ²	136131-02-135	136131-02-150	136131-02-200	136131-02-116
	265	136134-02-087	136134-02-150	136134-02-145	136134-02-070 ²	136134-02-135	136134-02-150	136134-02-200	136134-02-116
MAIN	1B1	136137-01-070	136137-01-020	136137-01-069 12D	136137-01-075	136137-01-081			176841-01-024
	265	136138-01-070	136138-01-020	136138-01-069 12D	136138-01-075	136138-01-081			176841-01-024
MAIN	1B1			136139-01-064 078			136139-01-084	136139-01-080	
	265			136140-01-064 078			136140-01-084	136140-01-080	
GRN	1B1			136135-08-073 078			136135-08-062	136135-08-055	136135-08-057
	265			136136-08-073 078			136136-08-062	136136-08-055	136136-08-057
GRY	1B1							136131-15-050	
	265							136134-15-050	
PUR	1B1						136131-04-047 ²	136131-04-047 ²	136131-04-020 ²
	265						136134-04-047 ²	136134-04-047 ²	136134-04-020 ²
BLK	1B1	136131-06-012	136135-06-080	136135-06-027	136131-06-042 ²	136131-06-061	136131-06-062	136131-06-054	136131-06-012 ²
	265	136134-06-012	136136-06-080	136136-06-027	136134-06-042 ²	136134-06-061	136134-06-062	136134-06-054	136134-06-012 ²

- 078 ALL WEATHER UPGRADE PACKAGE
- 12D ELECTRICAL SYSTEM 30 AMP
- 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 11 PART NO. 191495 REV

REF: 1 13-Nov-2015

² SEE DETAIL GB FOR CONNECTOR INSTALLATION.
 1. ALL GROUNDS 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

191495

		E26HE	E27N	E30T	E31BE	E31KE	E35B	E35F	E36Y
WHT	1B1		136135-09-030	136135-09-065			136135-09-027	136135-09-030	136135-09-024
	265		136136-09-030	136136-09-065			136136-09-027	136136-09-030	136136-09-024
GLD	1B1								136131-10-035
	265								136134-10-035
GLD-2	1B1								136131-20-035
	265								136134-20-035
THROW IN WIRE #1	1B1	136131-03-071	136131-03-021	136131-02-003	136131-03-006	136131-03-032	136131-12-075	136131-03-055	136131-04-023
	265	136134-03-071	136134-03-021	136134-02-003	136134-03-006	136134-03-032	136134-12-075	136134-03-055	136134-04-023
THROW IN WIRE #2	1B1	136131-05-012	136131-02-043	136131-19-184	136131-02-062 (1DF)		136131-12-150	136131-12-190	136131-06-027
	265	136134-05-012	136134-02-043	136134-19-184	136134-02-062 (1DF)		136134-12-150	136134-12-190	136134-06-027
THROW IN WIRE #3	1B1		136131-03-011 (401)	136131-03-009 (401)	136131-03-027		136131-04-006 (401)	136131-04-007 (401)	136131-05-024
	265		136134-03-011 (401)	136134-03-009 (401)	136134-03-027		136134-04-006 (401)	136134-04-007 (401)	136134-05-024
THROW IN WIRE #4	1B1		136131-19-011 (401)	136131-19-009 (401)	136131-02-042		136131-12-006 (401)	136131-12-007 (401)	136131-03-022
	265		136134-19-011 (401)	136134-19-009 (401)	136134-02-042		136134-12-006 (401)	136134-12-007 (401)	136134-03-022
THROW IN WIRE #5	1B1		136131-19-100	136131-02-003	136131-06-038		136131-12-039		136131-04-097
	265		136134-19-100	136134-02-003	136134-06-038		136134-12-039		136134-04-097
THROW IN WIRE #6	1B1		136131-19-047	136131-19-025 (21R)					136131-04-014
	265		136134-19-047	136134-19-025 (21R)					136134-04-014
THROW IN WIRE #7	1B1			136131-03-036			136131-03-009		136131-03-046
	265			136134-03-036			136134-03-009		136134-03-046
THROW IN WIRE #8	1B1			136131-19-021 (21R)					136131-02-045
	265			136134-19-021 (21R)					136134-02-045

- SEE DETAIL GG FOR EMS INSTALLATION.
- SEE DETAIL GD FOR ADDITIONAL INFORMATION.
- SEE DETAIL GE FOR ADDITIONAL INFORMATION.
- SEE DETAIL GB FOR CONNECTOR INSTALLATION.

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















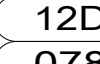
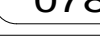
- (1DF) EXT TV ENTERTAINMENT CENTER
- (21R) DINING/BUFFET/POWERED TV
- (401) INVERTER-DC/AC, 1000 WATT
- (265) CODES/STANDARDS-CSA/CMVSS
- (1B1) CODES/STANDARDS USA

FIRST USED	
16 E-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 2	PART NO 191495 REV

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

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

191495

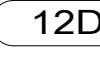
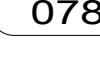
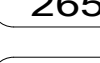

	E26HE	E27N	E30T	E31BE	E31KE	E35B	E35F	E36Y	
GENERATOR CABLE ASM	1B1						136137-01-040		
	265						136138-01-040		
GENERATOR CABLE ASM	1B1					174762-01-049	136137-01-040		
	265					174762-01-049	136138-01-040		
INVERTER CHARGER MAIN	1B1							136137-01-065	
	265							136138-01-065	
INVERTER CHARGER SUB MAIN	1B1							136137-01-065	
	265							136138-01-065	
SLIDEOUT WIRE #1		136151-02-018 	136151-03-031 	136151-02-025 	136151-03-016 	136151-12-034 	136151-03-015 		
SLIDEOUT WIRE #2		136151-05-018 		136151-06-025 		136151-12-032 	136151-03-025 		
SLIDEOUT WIRE #3		136151-03-018 		136151-03-025 					
SLIDEOUT WIRE #4		136152-06-018							
GROUND ATS		136145-01-015	136145-01-042			136145-01-062	136145-01-048	136145-01-015	
GROUND INVERTER								136145-04-012	
GROUND MAIN	178545-01-014	178545-01-024	178545-01-015  136145-01-015 	 	136145-02-025	178545-01-020	136145-01-050	136145-01-056	136145-01-024

 SEE DETAIL GC FOR CONNECTOR INSTALLATION.

 SEE DETAIL GA FOR CONNECTOR INSTALLATION.

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

NOTES:

-  ELECTRICAL SYSTEM 30 AMP
-  ALL WEATHER UPGRADE PACKAGE
-  CODES/STANDARDS-CSA/CMVSS
-  CODES/STANDARDS USA

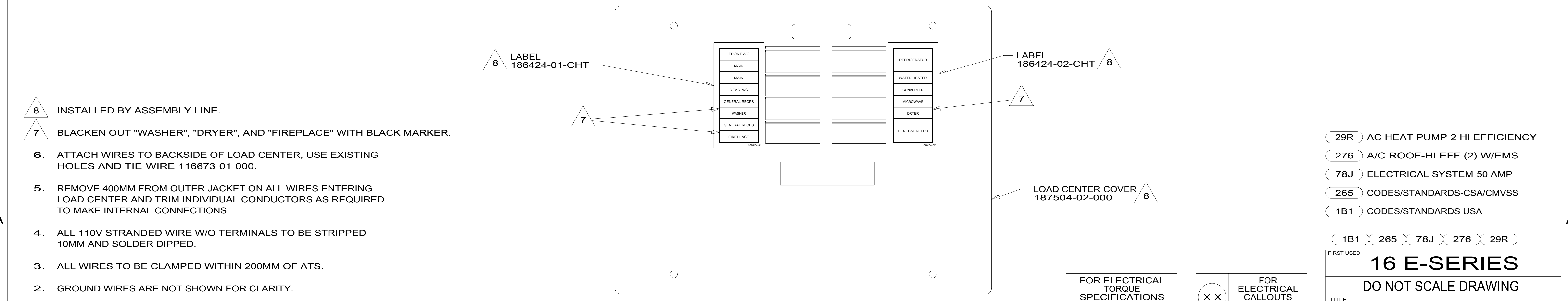
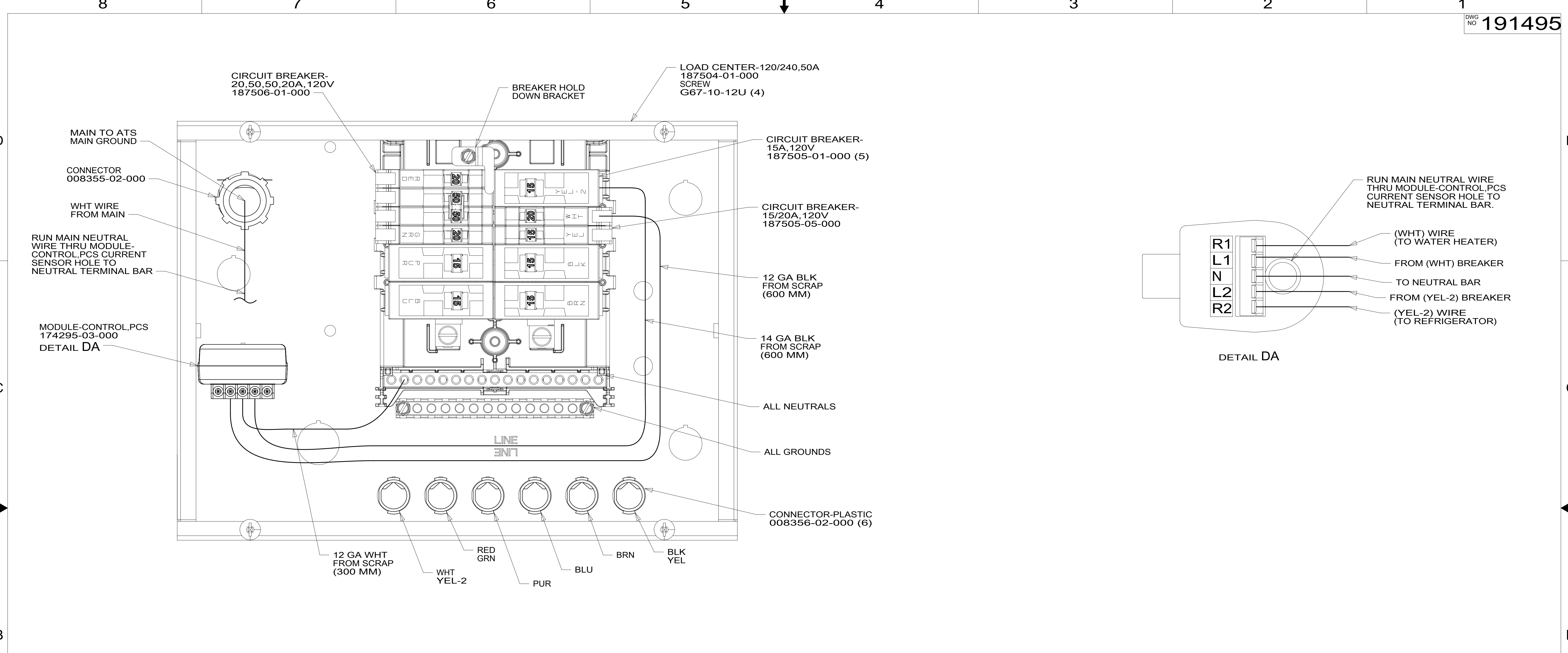
 

FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

FIRST USED	
16 E-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 3	PART NO 191495 REV

191495



- NOTES:**
- 8 INSTALLED BY ASSEMBLY LINE.
 - 7 BLACKEN OUT "WASHER", "DRYER", 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.

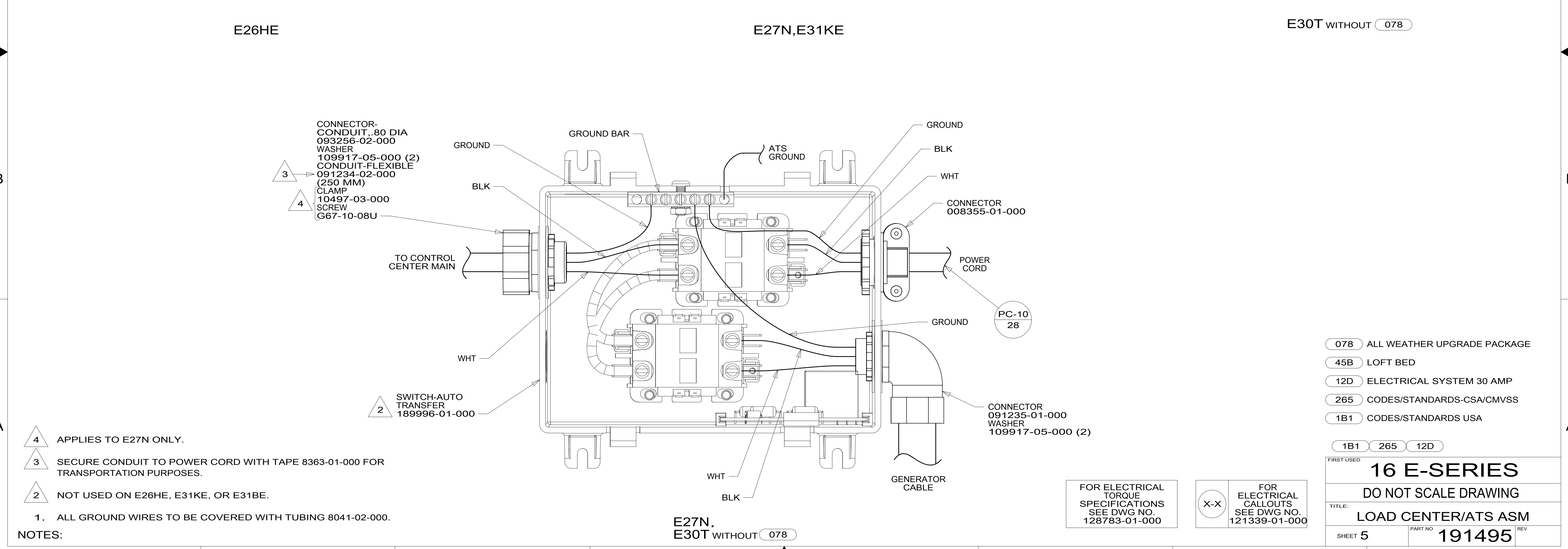
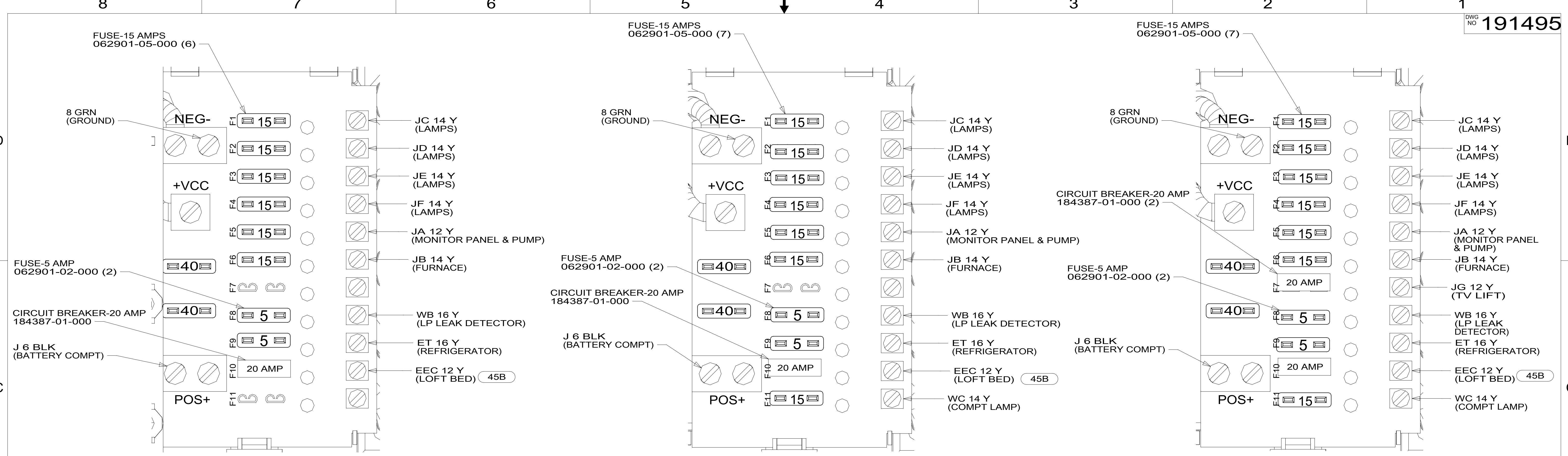
- 29R AC HEAT PUMP-2 HI EFFICIENCY
- 276 A/C ROOF-HI EFF (2) W/EMS
- 78J ELECTRICAL SYSTEM-50 AMP
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1	265	78J	276	29R
FIRST USED				
16 E-SERIES				
DO NOT SCALE DRAWING				
TITLE: LOAD CENTER/ATS ASM				
SHEET 4	PART NO. 191495		REV	

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

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

191495



NOTES:

- 4 APPLIES TO E27N ONLY.
- 3 SECURE CONDUIT TO POWER CORD WITH TAPE 8363-01-000 FOR TRANSPORTATION PURPOSES.
- 2 NOT USED ON E26HE, E31KE, OR E31BE.
- 1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

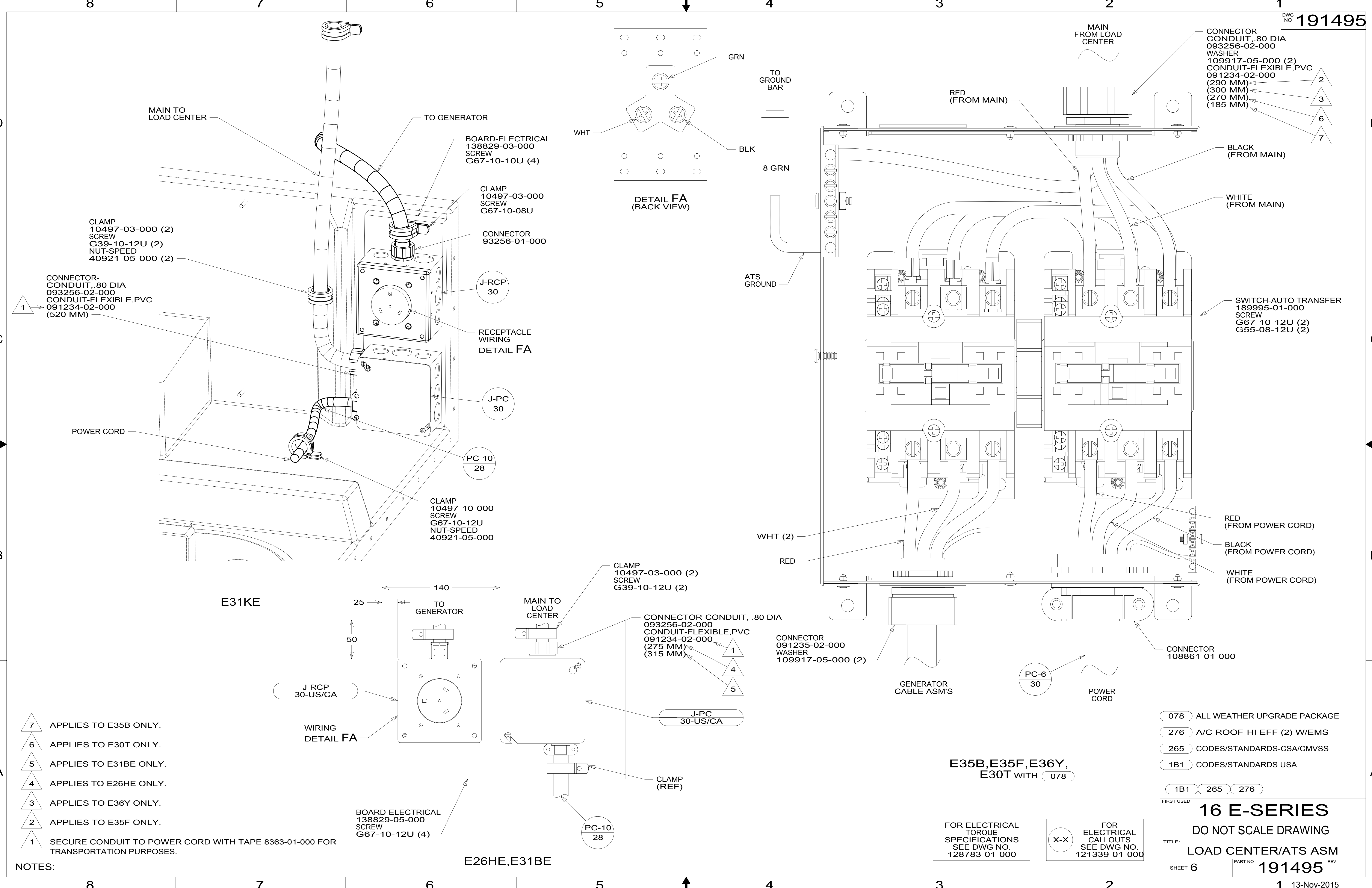
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

- 078 ALL WEATHER UPGRADE PACKAGE
- 45B LOFT BED
- 12D ELECTRICAL SYSTEM 30 AMP
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	
16 E-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 5	PART NO 191495 REV
13-Nov-2015	

191495

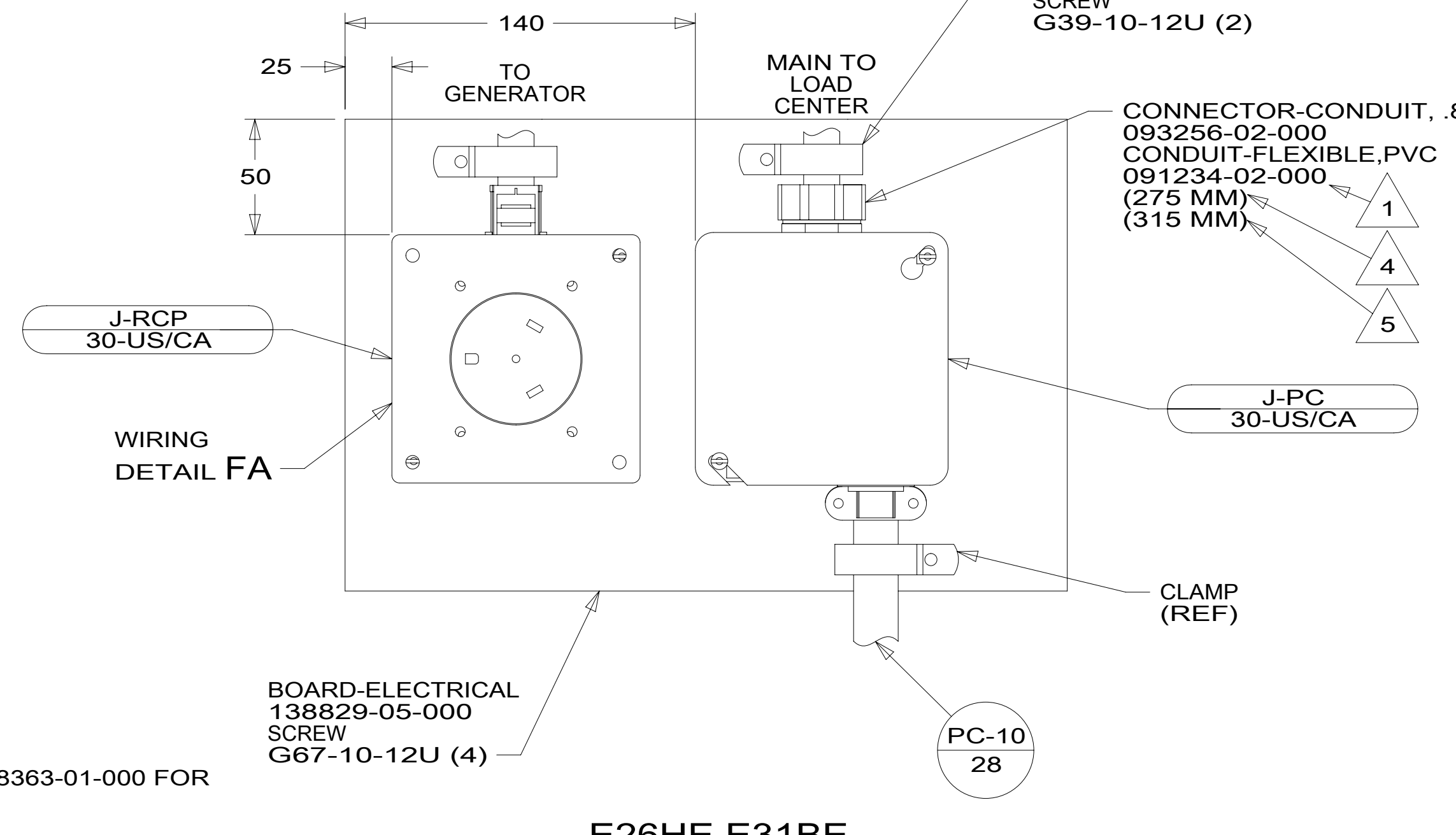


CLAMP
10497-03-000 (2)
SCREW
G39-10-12U (2)
NUT-SPEED
40921-05-000 (2)

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

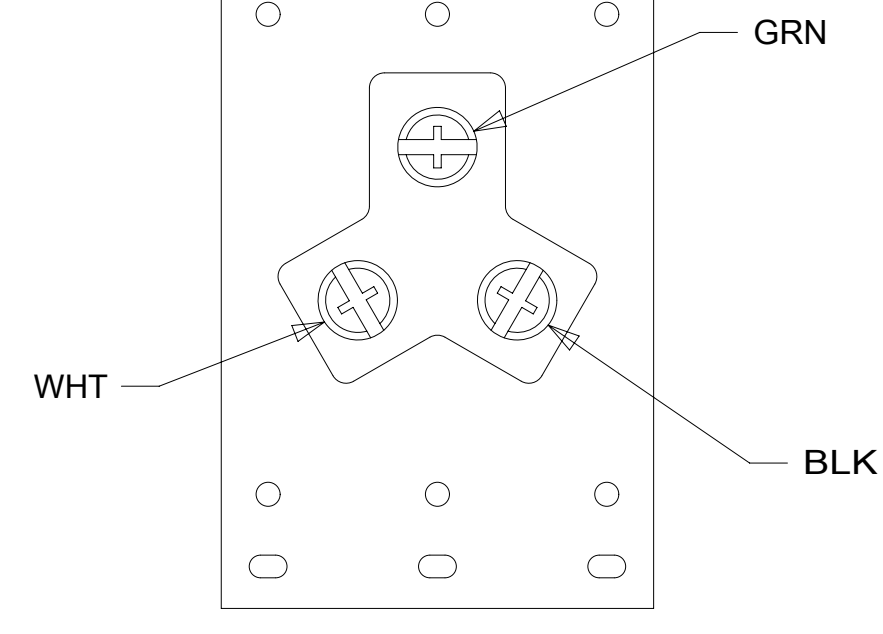
POWER CORD

E31KE



BOARD-ELECTRICAL
138829-05-000
SCREW
G67-10-12U (4)

E26HE,E31BE



DETAIL FA
(BACK VIEW)

TO
GROUND
BAR

BLK

8 GRN

ATS
GROUND

WHT (2)

RED

GENERATOR
CABLE ASM'S

PC-6
30

POWER
CORD

CONNECTOR
108861-01-000

RED
(FROM POWER CORD)

BLACK
(FROM POWER CORD)

WHITE
(FROM POWER CORD)

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

BLACK
(FROM MAIN)

WHITE
(FROM MAIN)

E35B,E35F,E36Y,
E30T WITH 078

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

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

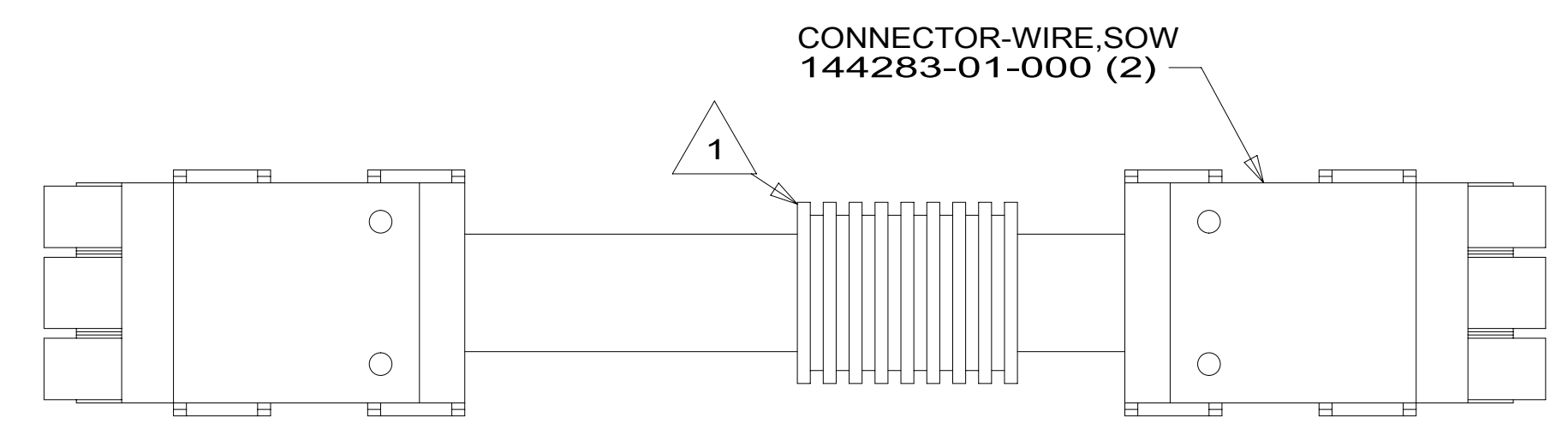
- 078 ALL WEATHER UPGRADE PACKAGE
- 276 A/C ROOF-HI EFF (2) W/EMS
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265 276

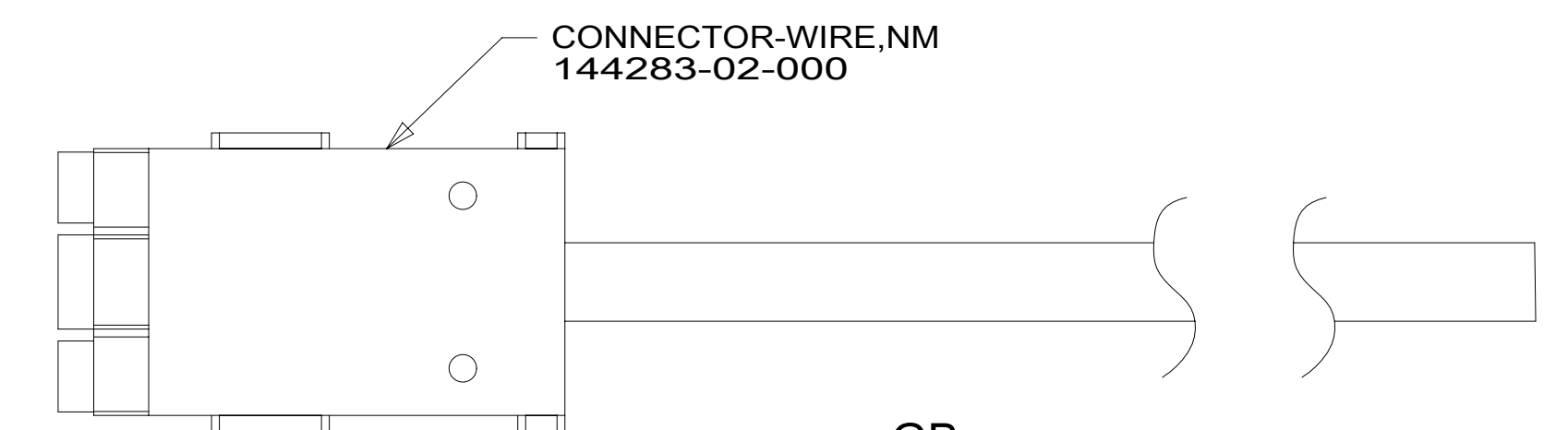
FIRST USED	
16 E-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 6	PART NO 191495 REV

- NOTES:
- 7 APPLIES TO E35B ONLY.
 - 6 APPLIES TO E30T ONLY.
 - 5 APPLIES TO E31BE ONLY.
 - 4 APPLIES TO E26HE ONLY.
 - 3 APPLIES TO E36Y ONLY.
 - 2 APPLIES TO E35F ONLY.
 - 1 SECURE CONDUIT TO POWER CORD WITH TAPE 8363-01-000 FOR TRANSPORTATION PURPOSES.

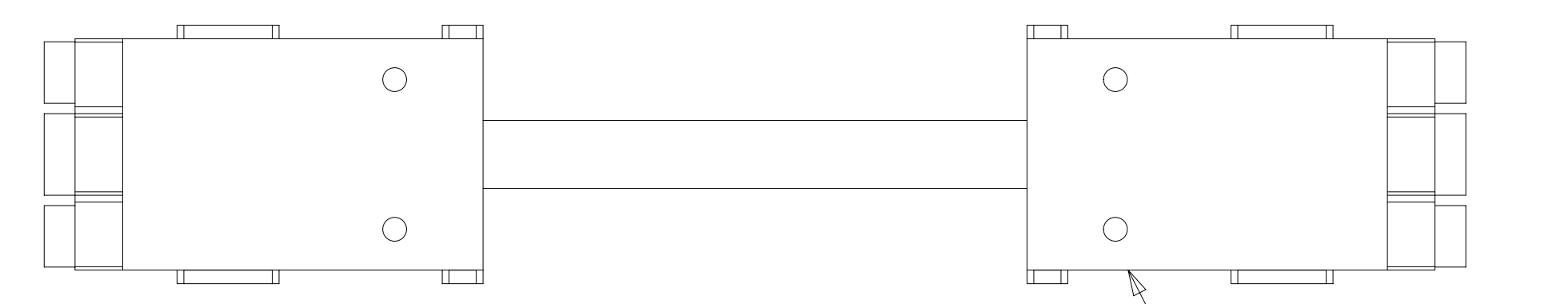
191495



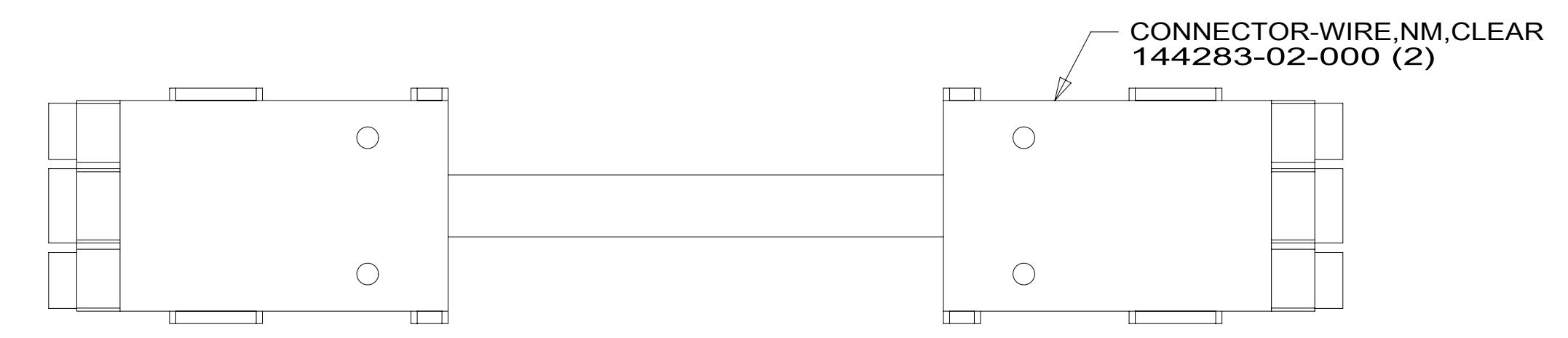
DETAIL GA



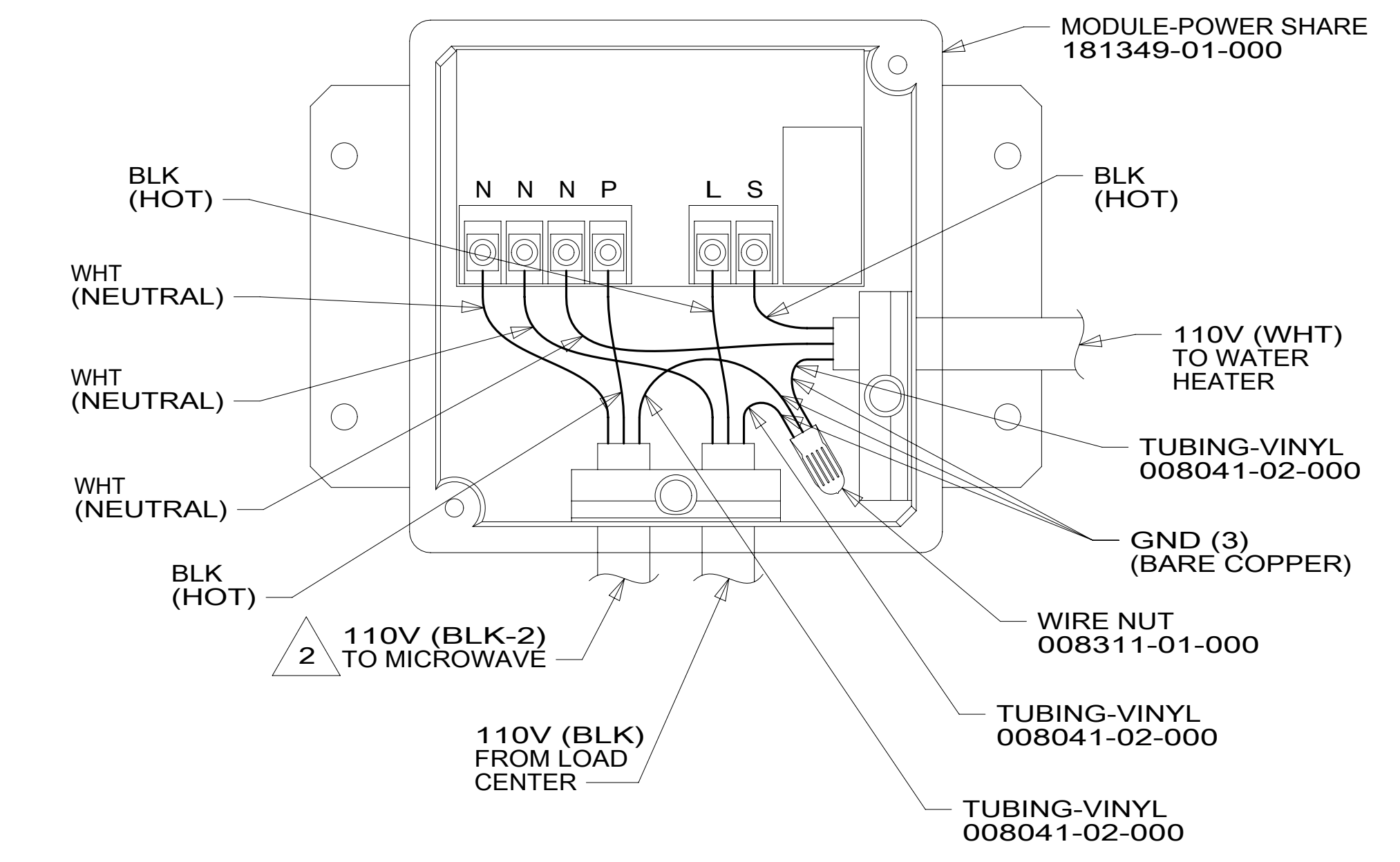
DETAIL GB



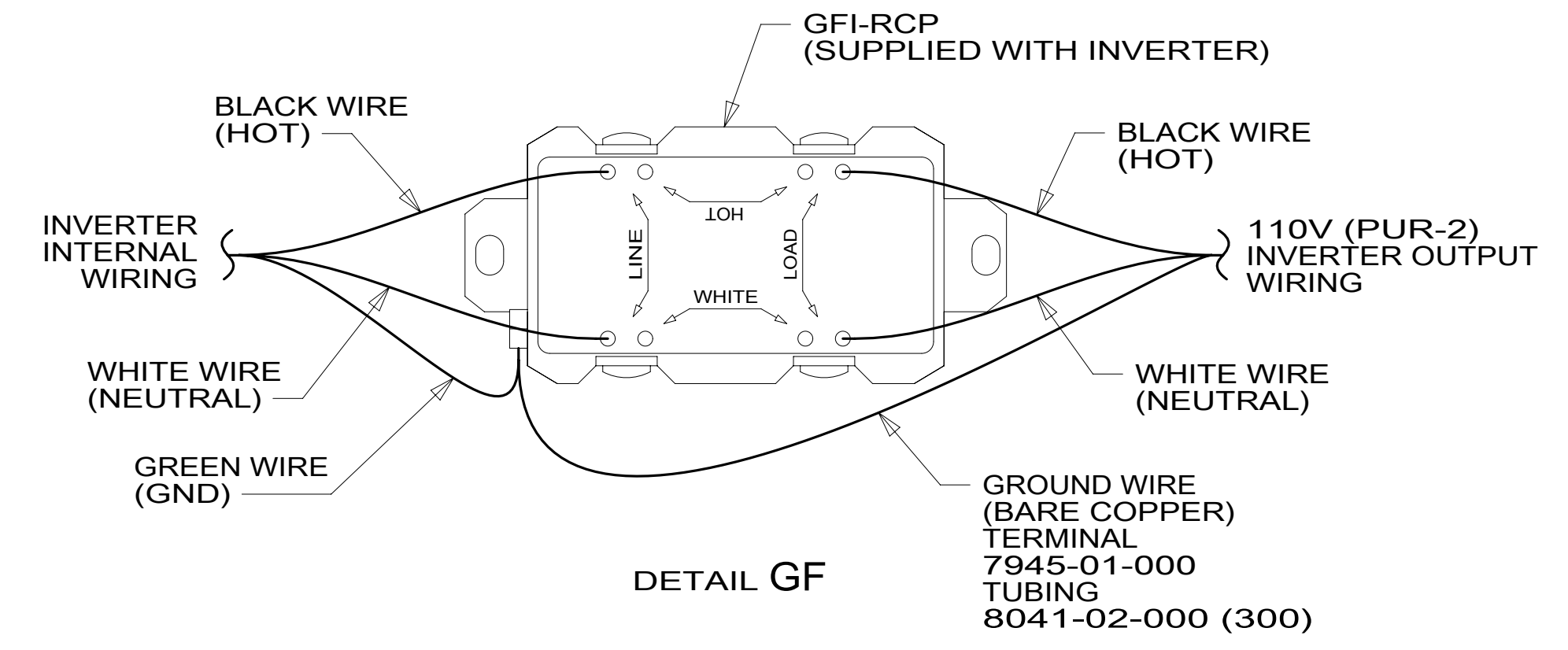
DETAIL GC



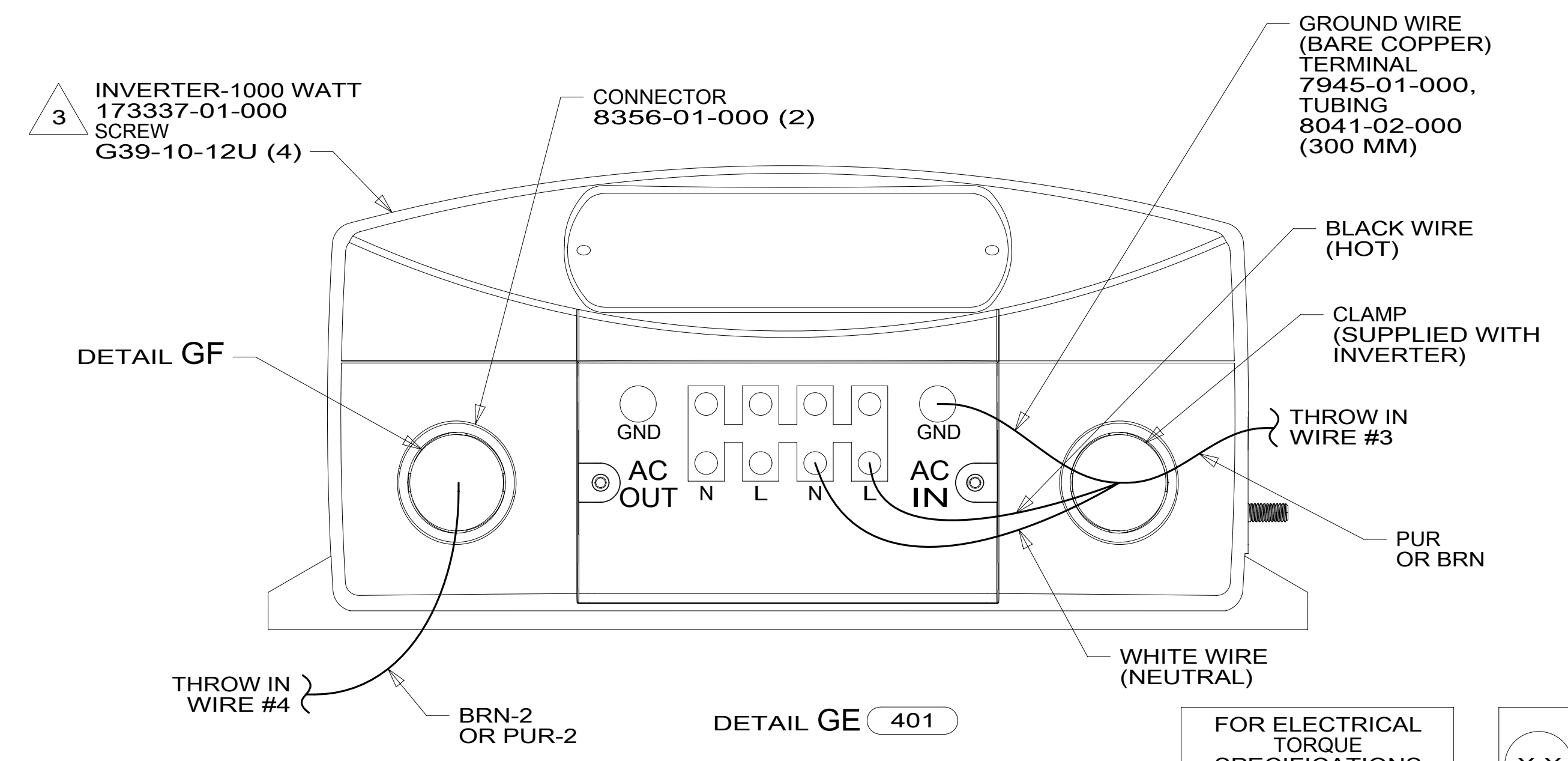
DETAIL GD



DETAIL GG (12D)



DETAIL GF



DETAIL GE (401)

- NOTES:
- 3 INVERTER SUPPLIED WITH REMOTE PANEL SEND TO MANUFACTURING LINE.
 - 2 ON E27N, MEASURE 900 MM FROM THE BACK OF THE LOAD CENTER, LOOP THE BLACK WIRE AND CONNECT AS SHOWN. ON THE E30T, MEASURE 1400 MM FROM THE BACK OF THE LOAD CENTER.
 - 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.

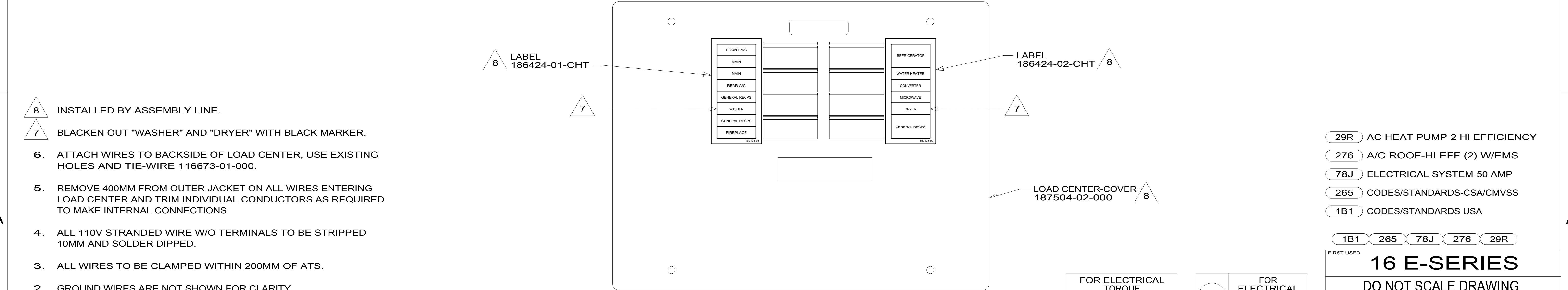
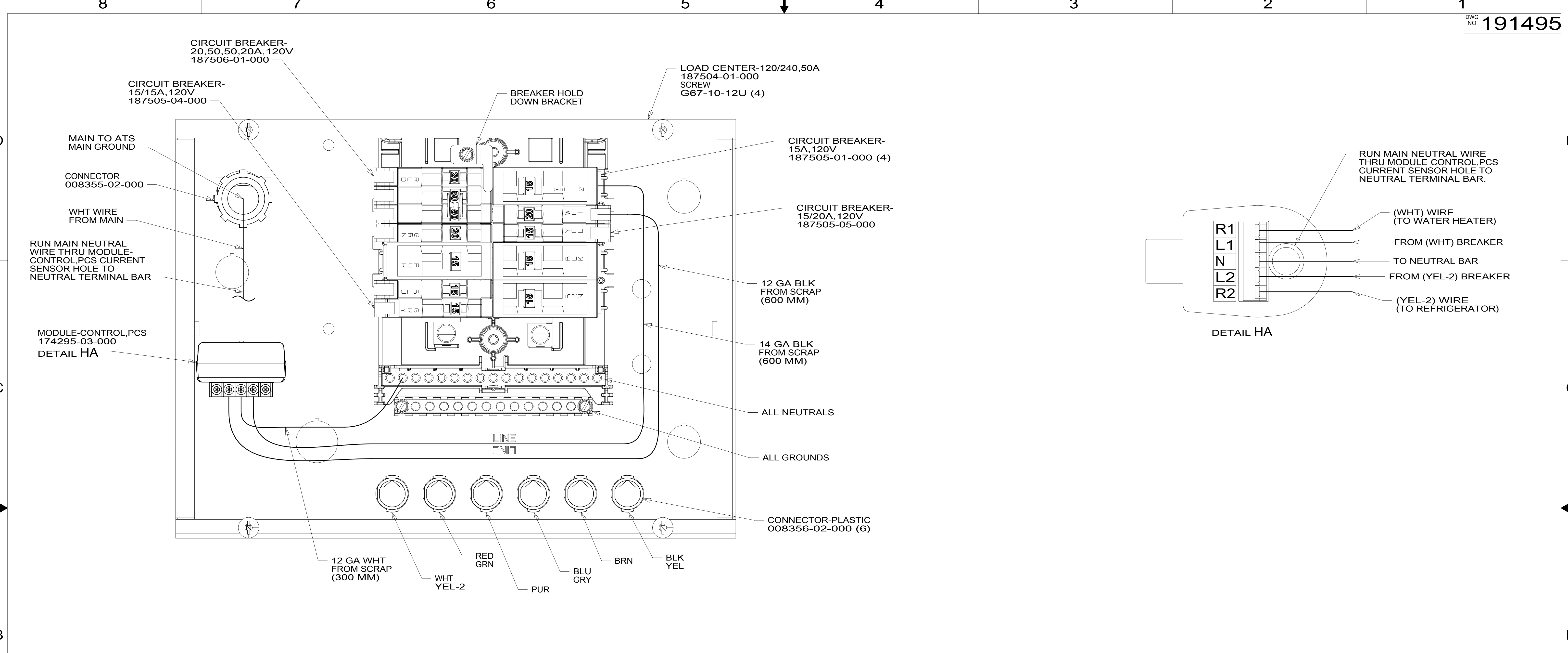
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

- 12D ELECTRICAL SYSTEM 30 AMP
- 401 INVERTER-DC/AC, 1000 WATT
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	
16 E-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 7	PART NO 191495 REV

191495



- NOTES:
- 8 INSTALLED BY ASSEMBLY LINE.
 - 7 BLACKEN OUT "WASHER" AND "DRYER" 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.

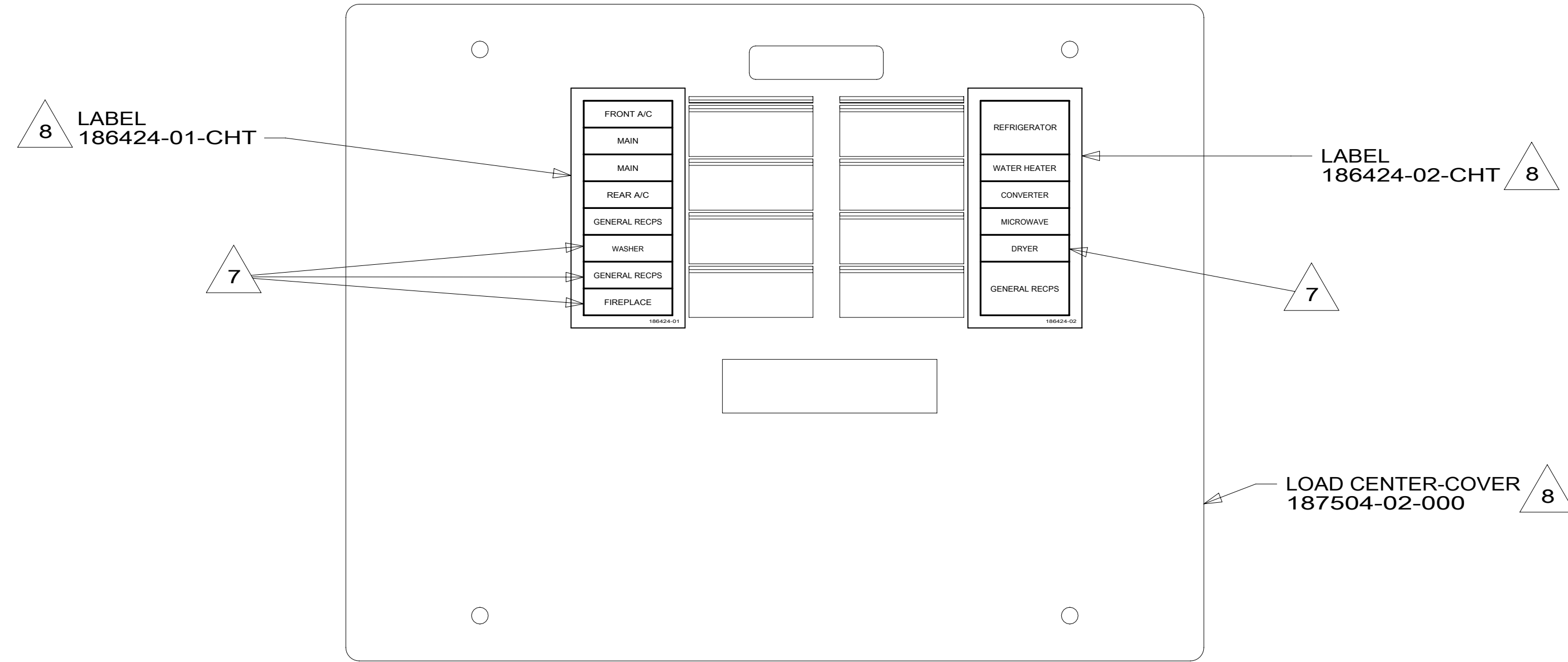
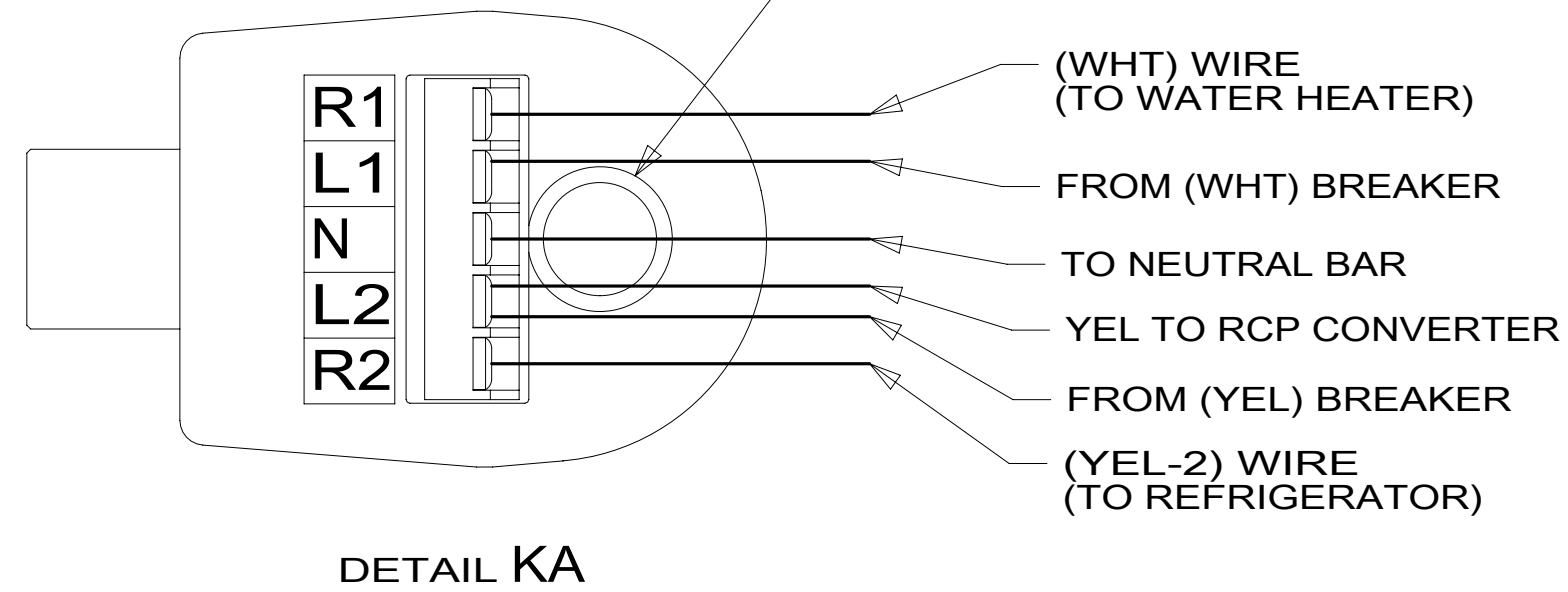
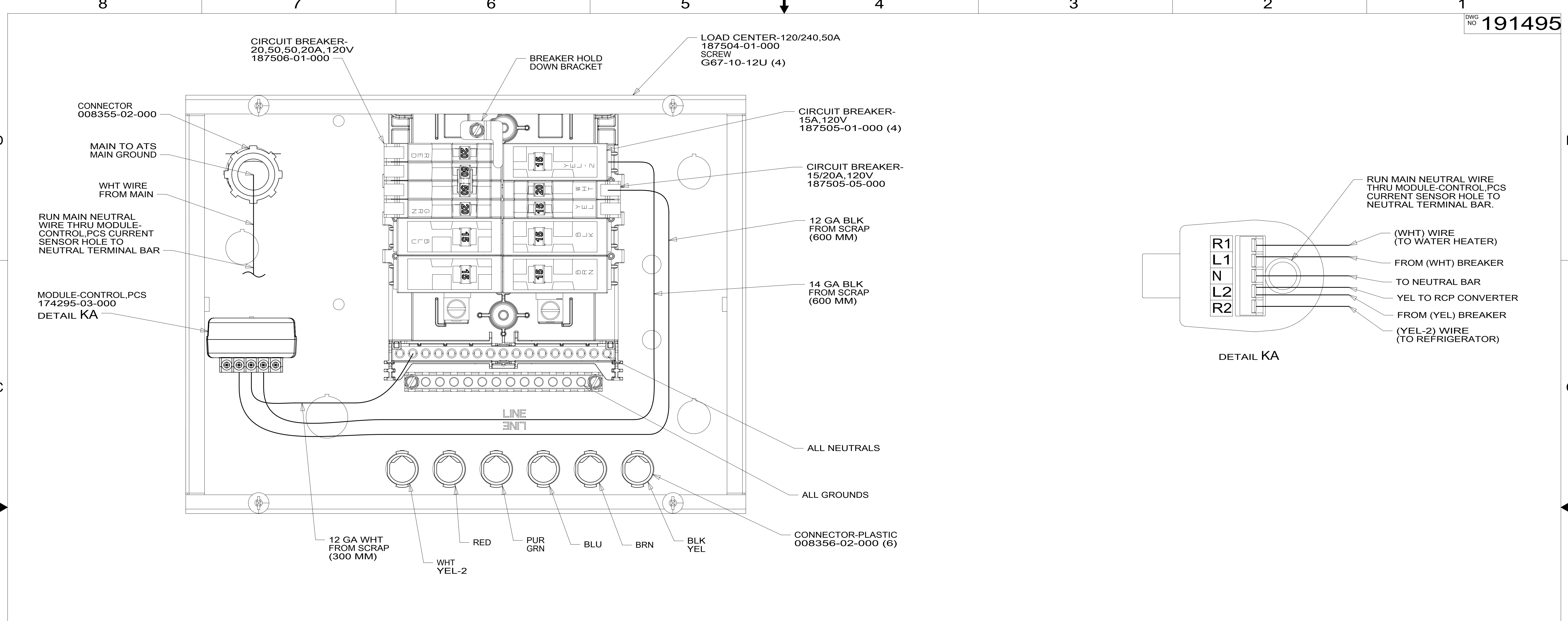
- 29R AC HEAT PUMP-2 HI EFFICIENCY
- 276 A/C ROOF-HI EFF (2) W/EMS
- 78J ELECTRICAL SYSTEM-50 AMP
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1	265	78J	276	29R
FIRST USED				
16 E-SERIES				
DO NOT SCALE DRAWING				
TITLE: LOAD CENTER/ATS ASM				
SHEET 8	PART NO. 191495		REV	

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

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

191495



- 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.

- 078 ALL WEATHER UPGRADE PACKAGE
- 78J ELECTRICAL SYSTEM-50 AMP
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	
16 E-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 10	PART NO. 191495 REV
13-Nov-2015	

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

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

E30T WITH 078

191495

