



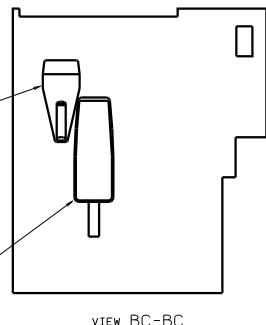
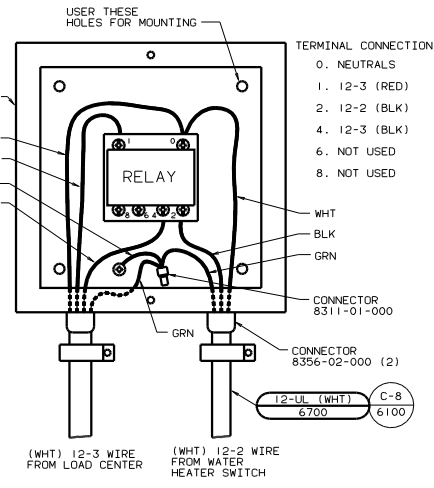
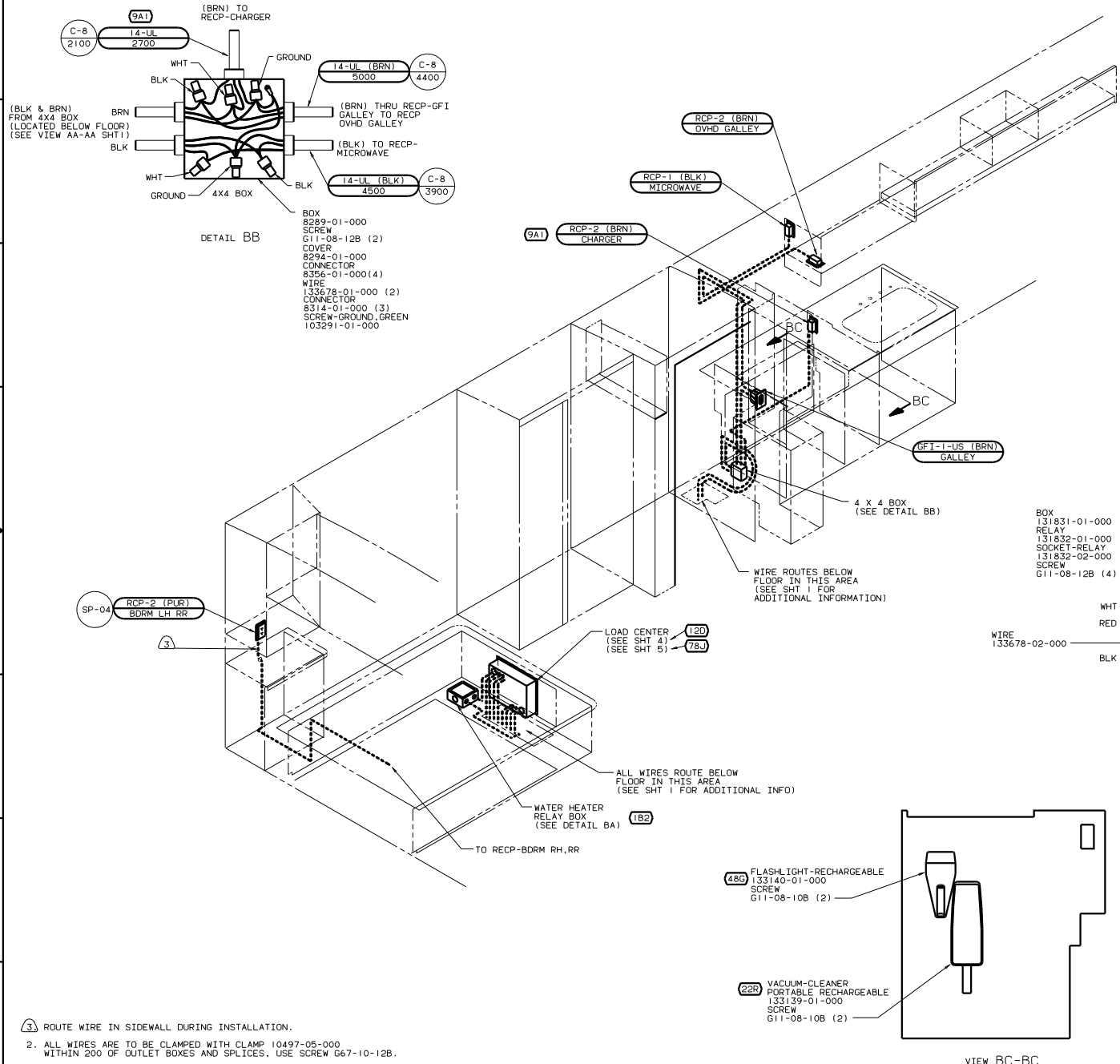
DANGER

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.



- 3) ROUTE WIRE IN SIDEWALL DURING INSTALLATION.
2. ALL WIRES ARE TO BE CLAMPED WITH CLAMP 10497-05-000 WITHIN 200 OF OUTLET BOXES AND SPLICES. USE SCREW G67-10-12B.
1. ALL WIRE TO BE CLAMPED WITH CLAMP 10495-01-000 OR CLIP 80734-02-000 EVERY 700. USE SCREW G67-10-12B UNLESS OTHERWISE SPECIFIED.

(9A1)	ACCESSORY PACKAGE
(48B)	FLASHLIGHT
(22B)	VACUUM CLEANER-PORTABLE
(78L)	ELECTRICAL SYSTEM-50 AMP
(12D)	ELECTRICAL SYSTEM 30 AMP
(1B2)	WTR HTR-10GAL/ELEC/LP/MTR/AID
(1B1)	CODES/STANDARDS USA

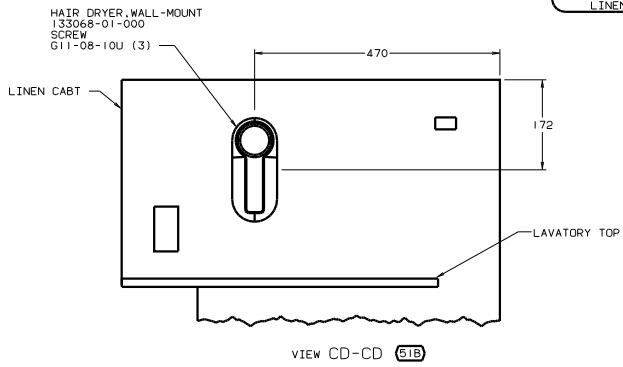
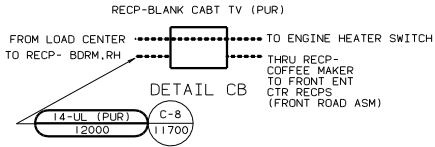
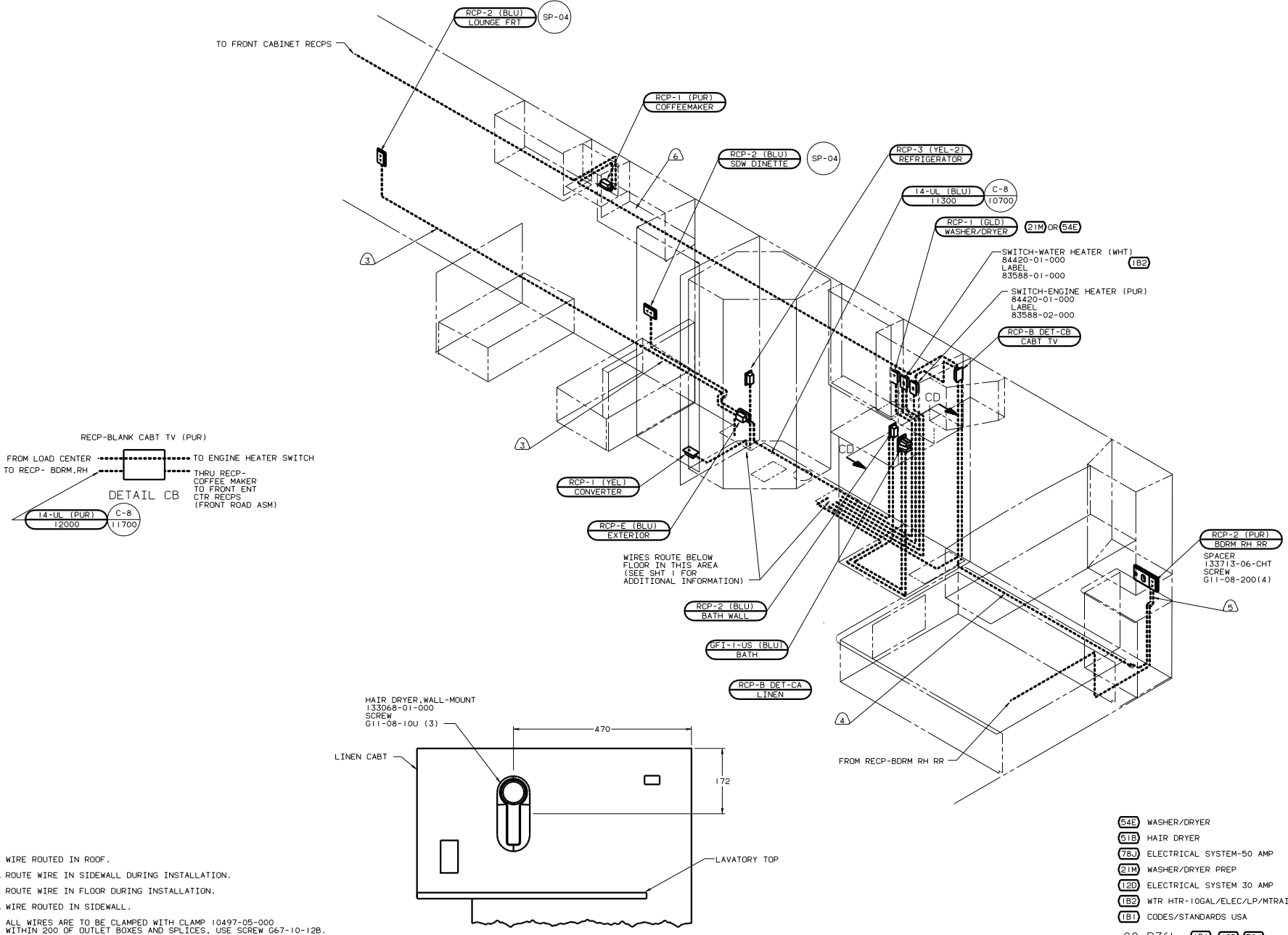
00 P36L (1B1) (12D) (78L)

FILE: WIRING INSTL-BODY(LH30/50US)

NO. OF SHEETS: 16 SHEET 2 OF 15

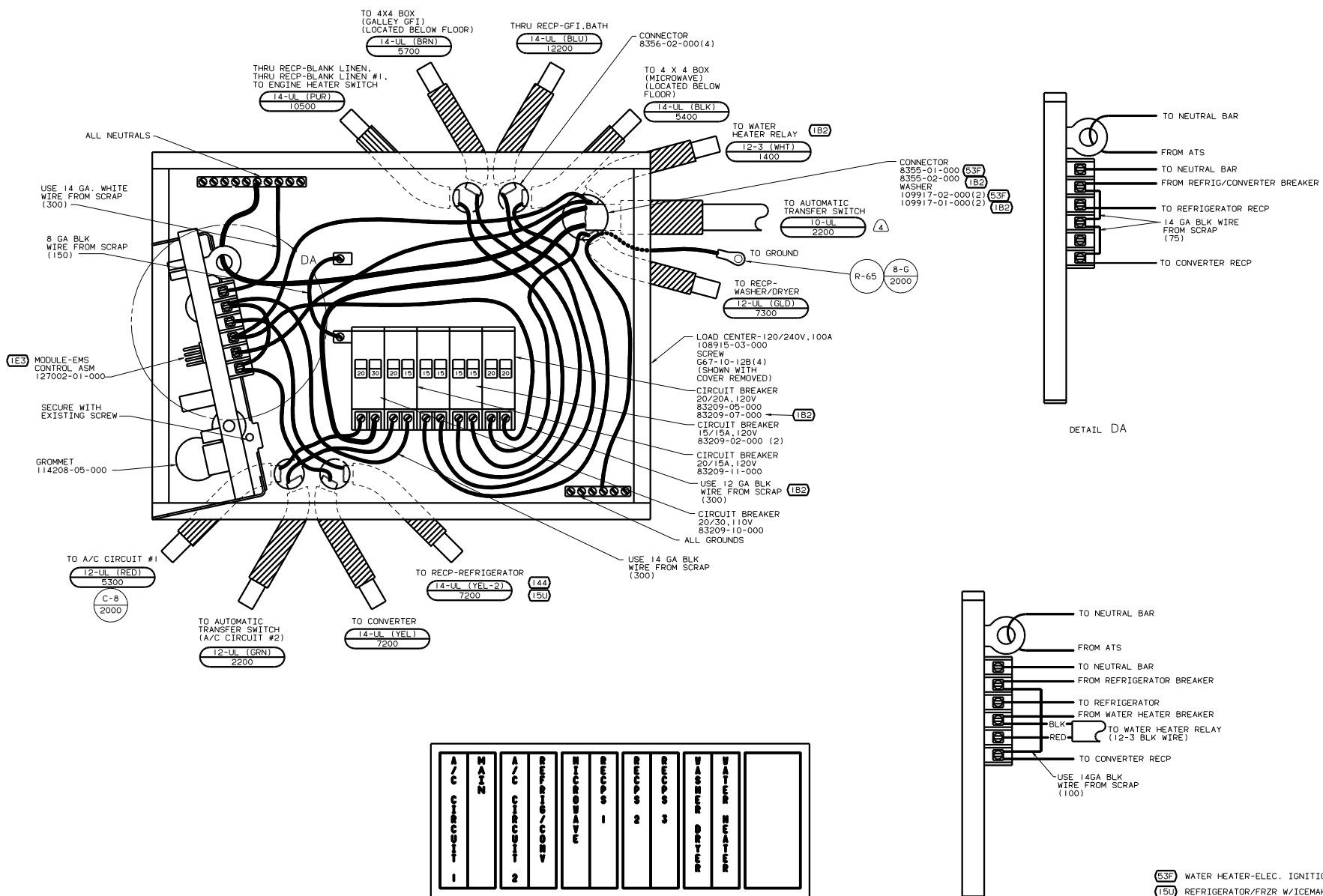
DATE: 1.6

131925



- 54E WASHER/DRYER
 - 51B HAIR DRYER
 - 78J ELECTRICAL SYSTEM-50 AMP
 - 21M WASHER/DRYER PREP
 - 12D ELECTRICAL SYSTEM 30 AMP
 - 1B2 WTR HTR-10GAL/ELEC/LP/MTR/TRAID
 - 1B1 CODES/STANDARDS USA
- 00 P36L 1B1 12D 78J

- 6 WIRE ROUTED IN ROOF.
- 5 ROUTE WIRE IN SIDEWALL DURING INSTALLATION.
- 4 ROUTE WIRE IN FLOOR DURING INSTALLATION.
- 3 WIRE ROUTED IN SIDEWALL.
2. ALL WIRES ARE TO BE CLAMPED WITH CLAMP 10495-01-000 WITHIN 200 OF OUTLET BOXES AND SPLICES. USE SCREW G67-10-12B.
1. ALL WIRE TO BE CLAMPED WITH CLAMP 10495-01-000 OR CLIP 80734-02-000 EVERY 700. USE SCREW G67-10-12B UNLESS OTHERWISE SPECIFIED.



4. WIRE MUST BE 600 LONG INSIDE BOX, ALL OTHERS TO BE 300.
3. ALL CABLES SHALL BE COVERED WITH CONDUIT-CONVOLUTE, SLIT 41953-01-000 UNLESS OTHERWISE SPECIFIED, 600 LESS THAN CABLE LENGTH.
2. ATTACH WIRES TO BACKSIDE OF LOAD CENTER, USE EXISTING HOLES AND TIE-WIRE 116673-01-000.
1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

- (53F) WATER HEATER-ELEC. IGNITION
- (15U) REFRIGERATOR/FRZR W/ICEMAKER
- (14A) REFRIGERATOR-DOUBLE DOOR
- (1B2) WTR HTR-10GAL/ELEC/LP/MTR/DA
- (1E3) ENERGY MANAGEMNT SYSTEM
- (1B1) CODES STANDARDS/USA
- (12D) ELECTRICAL SYSTEM 30 AMP

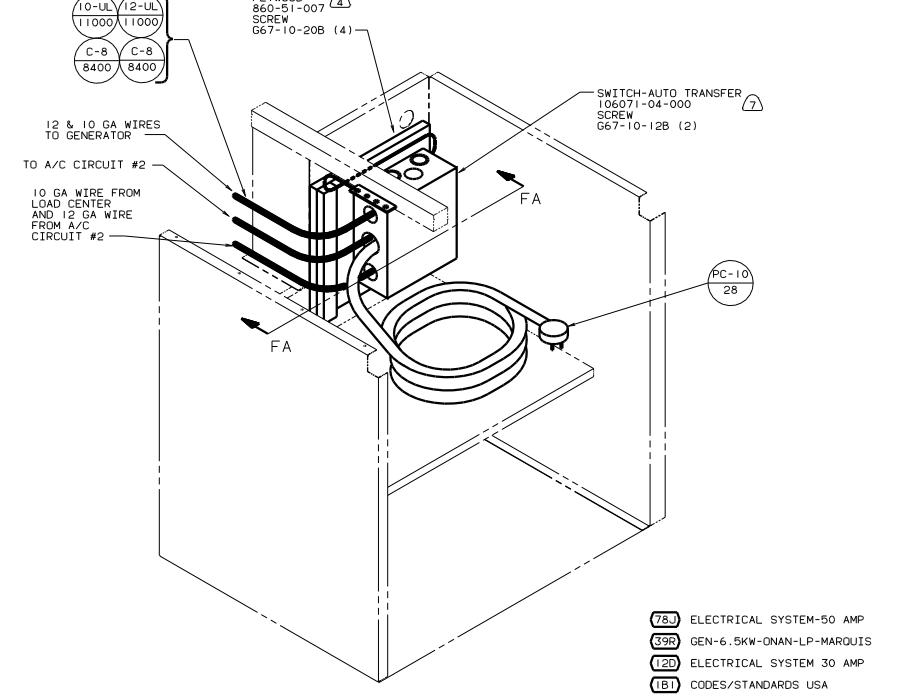
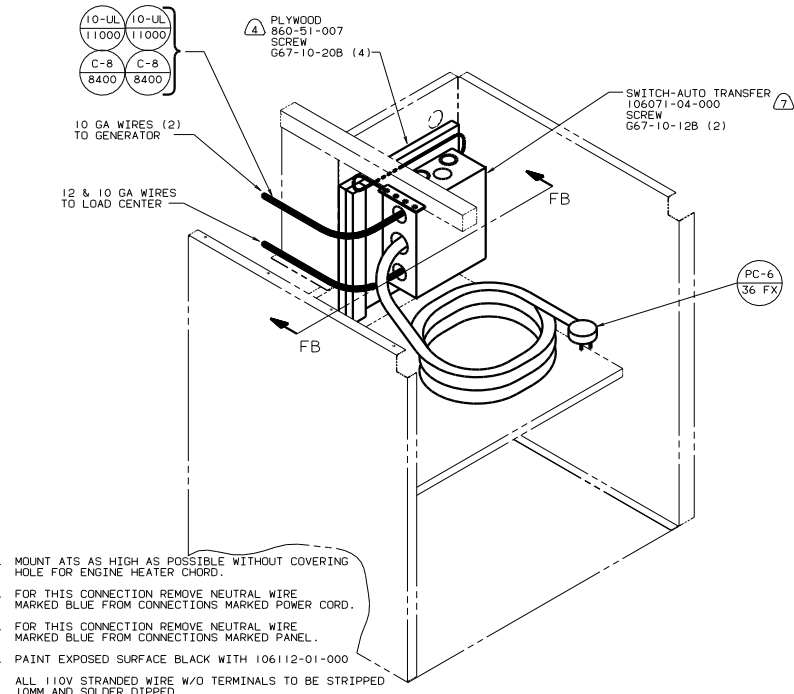
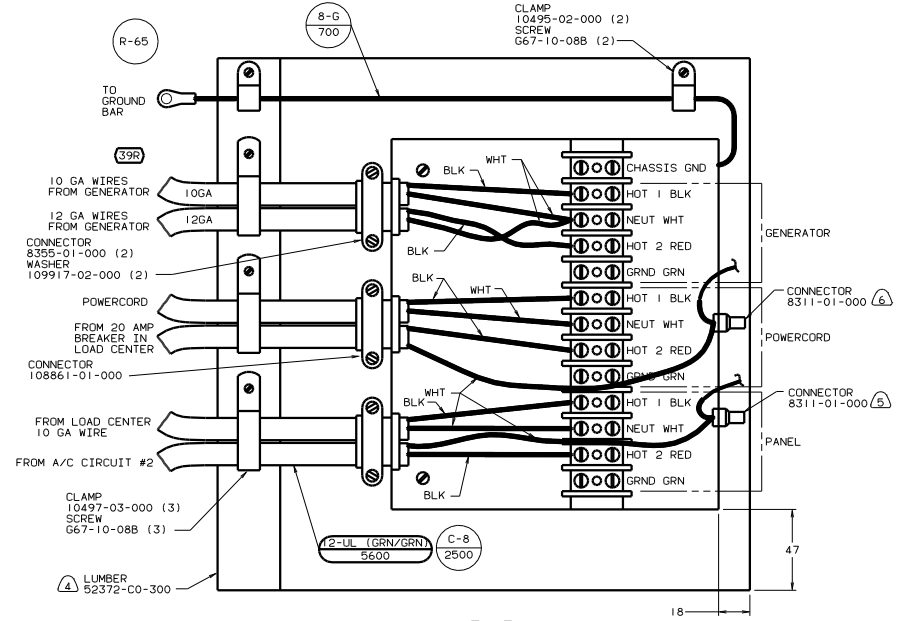
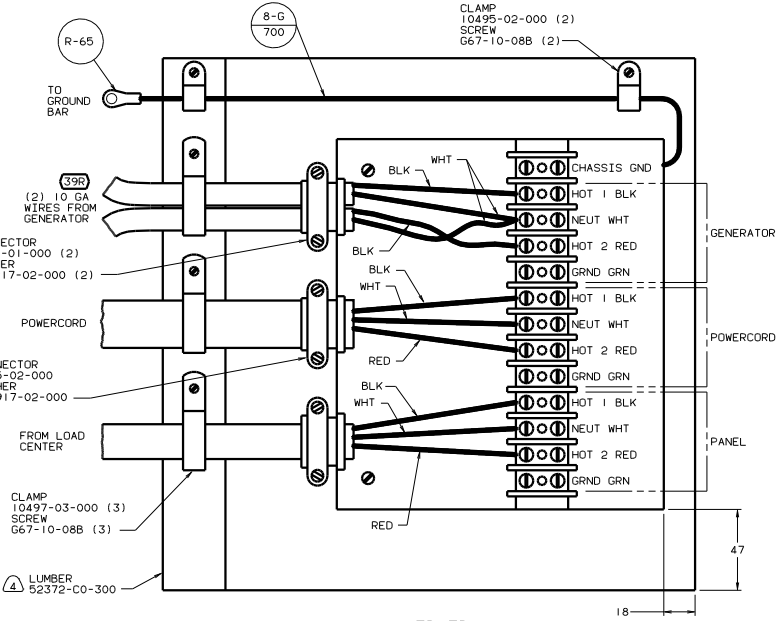
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

00 P36L (1B1) (12D) (1E3)

WIRING INSTL-BODY(30 LC US)

131925



- (7) MOUNT ATS AS HIGH AS POSSIBLE WITHOUT COVERING HOLE FOR ENGINE HEATER CHORD.
- (6) FOR THIS CONNECTION REMOVE NEUTRAL WIRE MARKED BLUE FROM CONNECTIONS MARKED POWER CORD.
- (5) FOR THIS CONNECTION REMOVE NEUTRAL WIRE MARKED BLUE FROM CONNECTIONS MARKED PANEL.
- (4) PAINT EXPOSED SURFACE BLACK WITH 106112-01-000
- 3. ALL 110V STRANDED WIRE W/O TERMINALS TO BE STRIPPED 10MM AND SOLDER DIPPED.
- 2. GROUND WIRES NOT SHOWN FOR CLARITY.
- 1. ALL WIRES TO BE CLAMPED WITH IN 200 OF BOX.

- (78J) ELECTRICAL SYSTEM-50 AMP
- (39R) GEN-6.5KW-ONAN-LP-MARQUIS
- (12D) ELECTRICAL SYSTEM 30 AMP
- (1B1) CODES/STANDARDS USA

00 P36L (1B1) (12D) (39R)

FILE NO. 131925

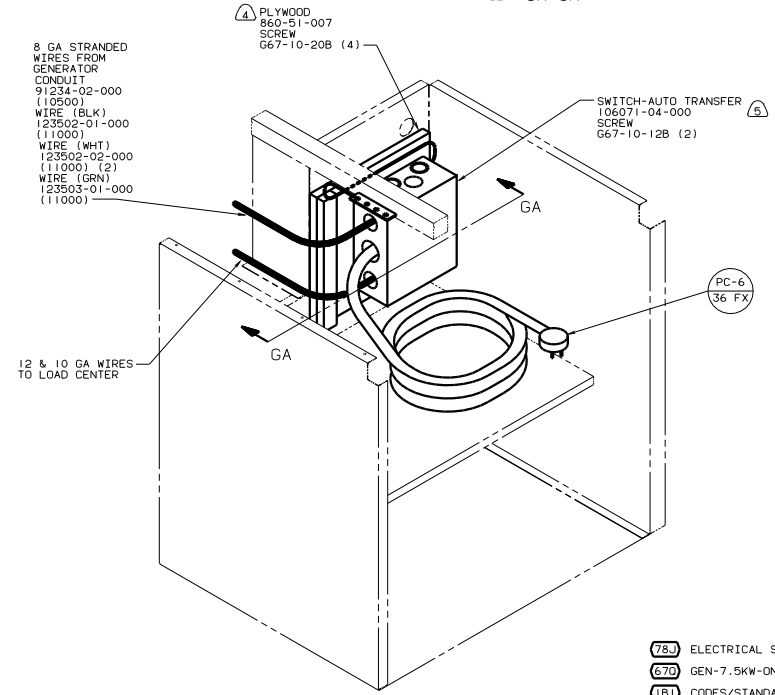
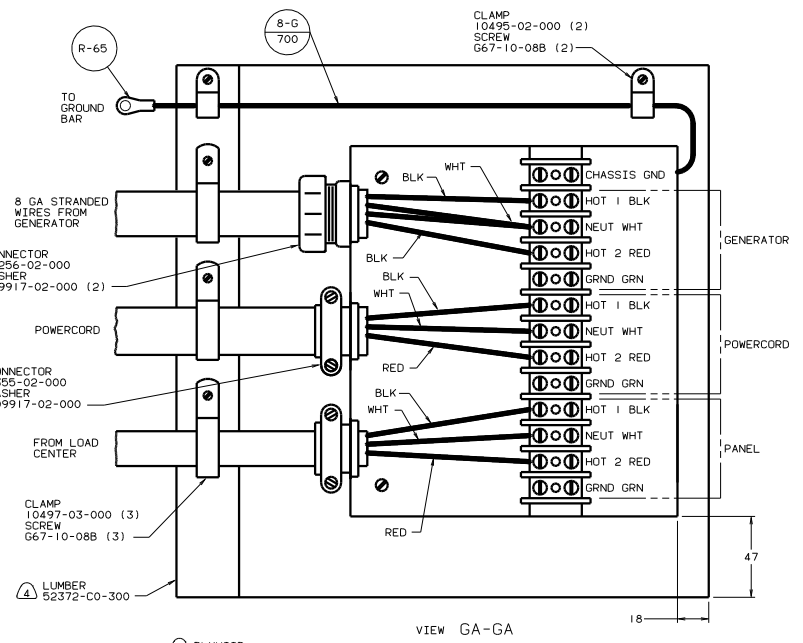
WIRING INSTL-BODY (ATS) (U)

NO. OF SHEETS 16

SHEET 6 OF 15

FIG. NO. 1

131925

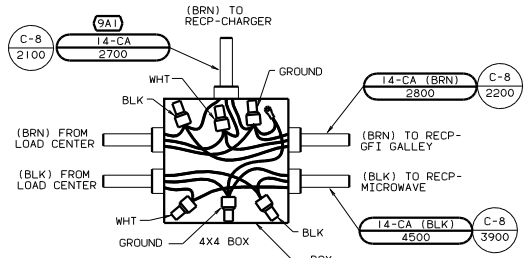


- 5 MOUNT ATS AS HIGH AS POSSIBLE WITHOUT COVERING HOLE FOR ENGINE HEATER CHORD.
- 4 PAINT EXPOSED SURFACE BLACK WITH 106112-01-000
- 3. ALL 110V STRANDED WIRE W/O TERMINALS TO BE STRIPPED 10MM AND SOLDER DIPPED.
- 2. GROUND WIRES NOT SHOWN FOR CLARITY.
- 1. ALL WIRES TO BE CLAMPED WITH IN 200 OF BOX.

78J ELECTRICAL SYSTEM-50 AMP
67D GEN-7.5KW-QNAN-QUIET DIESEL
1B1 CODES/STANDARDS USA

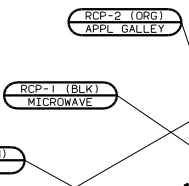
00 P36L 1B1
TITLE WIRING INSTL-BODY(ATS US)
NO. 16 SCALE 1:1
SHEET 7 OF 15 INC 1.6
131925

67D 78J

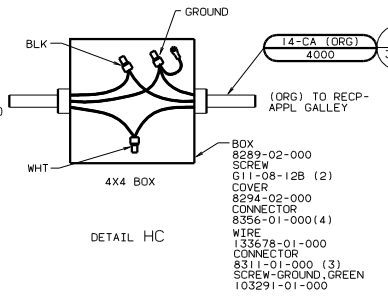


DETAIL HB

4 X 4 BOX (SEE DETAIL HB)



(ORG) FROM 4X4 BOX (LOCATED BELOW FLOOR) SEE VIEW AA-AA

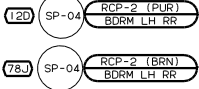


DETAIL HC

GFI-1-CA (BRN) GALLEY

4 X 4 BOX (SEE DETAIL HC)

WIRE ROUTES BELOW FLOOR IN THIS AREA (SEE SHT 1 FOR ADDITIONAL INFORMATION)

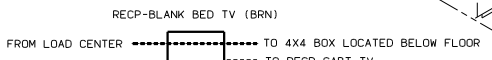


LOAD CENTER (SEE SHT 11) (78J)

RCP-B DET HE BED CABT (78J)

ALL WIRES ROUTE BELOW FLOOR IN THIS AREA (SEE SHT 1 FOR ADDITIONAL INFO)

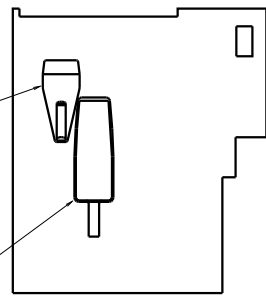
WATER HEATER RELAY BOX (SEE DETAIL HA) (1B2)



DETAIL HE (78J)

(3) (48B) FLASHLIGHT-RECHARGEABLE PORTABLE RECHARGEABLE 133140-01-000 SCREW G11-08-10B (2)

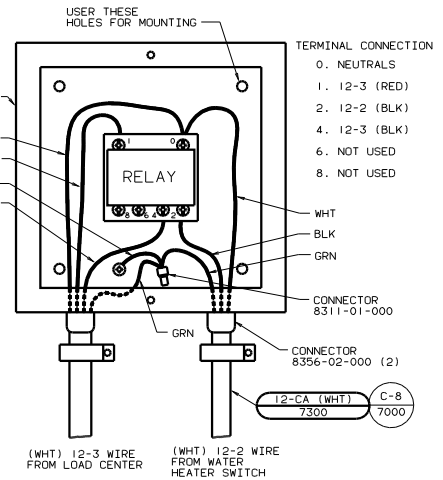
(3) (22B) VACUUM-CLEANER PORTABLE RECHARGEABLE 133139-01-000 SCREW G11-08-10B (2)



VIEW HD-HD

BOX 131831-01-000
RELAY 131832-01-000
SOCKET-RELAY 131832-02-000
SCREW G67-08-12B (4)

WIRE 133678-02-000



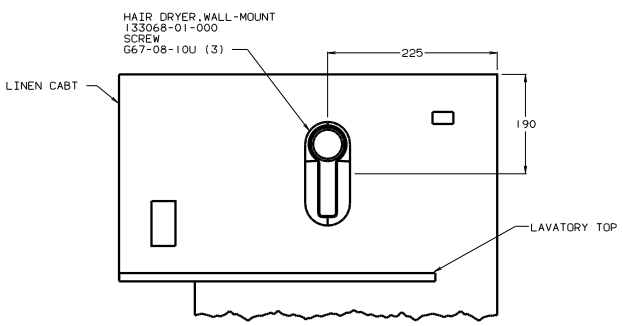
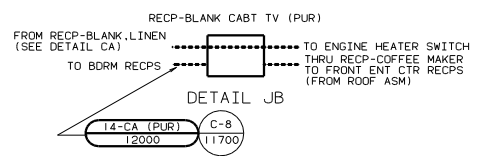
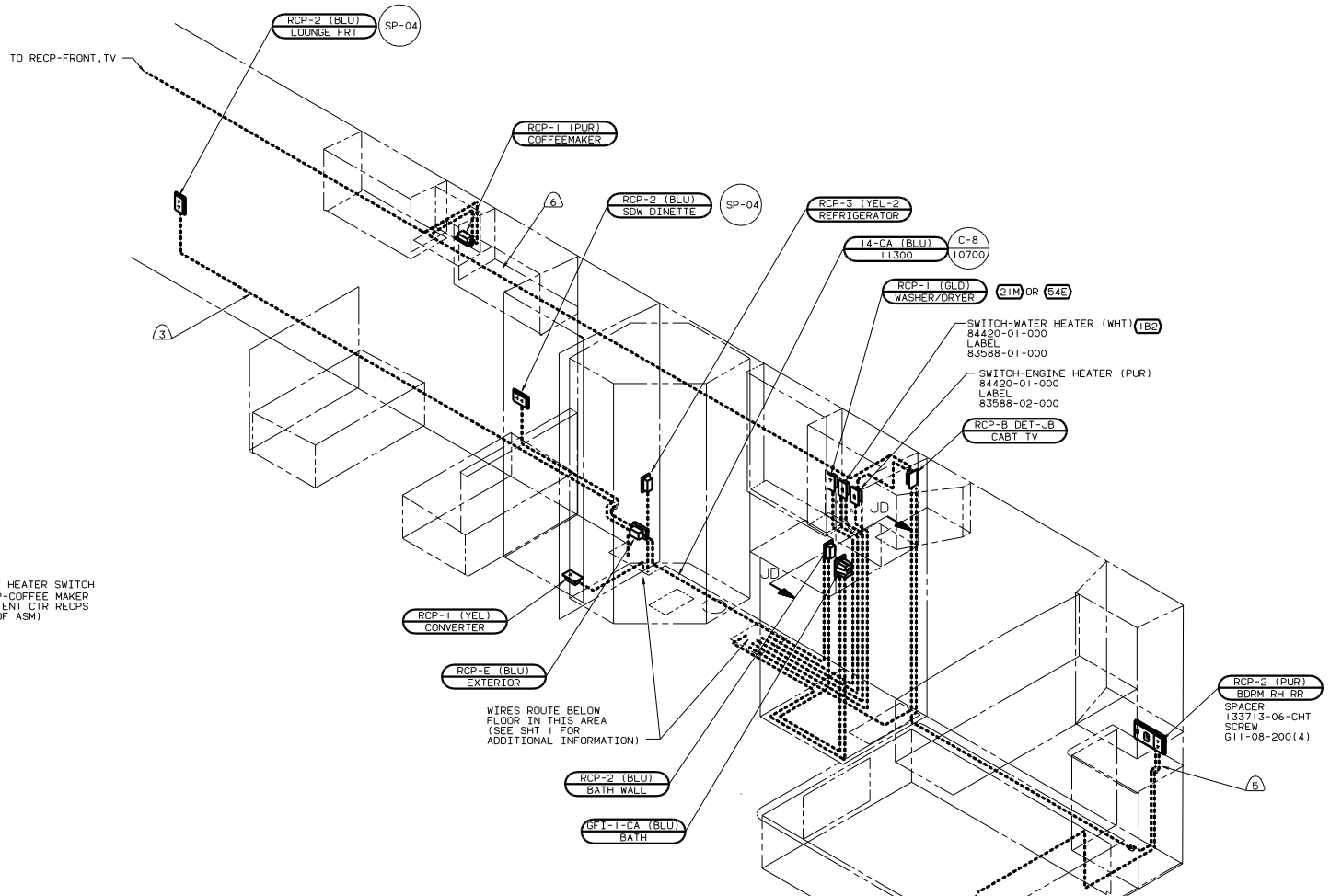
DETAIL HA (1B2)

- (9A1) ACCESSORY PACKAGE
- (48B) FLASHLIGHT
- (22B) VACUUM CLEANER-PORTABLE
- (78J) ELECTRICAL SYSTEM-50 AMP
- (12D) ELECTRICAL SYSTEM 30 AMP
- (1B2) WTR HTR-10GAL/ELEC/LP/MTR/RAID
- (265) CODES/STANDARDS-CSA/CMVSS

00 P36L (265) (12D) (78J)

- (3) TO BE MOUNTED WITH HANDLE POINTING DOWN.
 2. ALL WIRES ARE TO BE CLAMPED WITH CLAMP 10497-05-000 WITHIN 200' OF OUTLET BOXES AND SPLICES. USE SCREW G67-10-12B.
 1. ALL WIRE TO BE CLAMPED WITH CLAMP 10495-01-000 OR CLIP 80734-02-000 EVERY 700'. USE SCREW G67-10-12B UNLESS OTHERWISE SPECIFIED.

NOTES:



- ③ WIRE ROUTED IN ROOF.
- ⑤ ROUTE WIRE IN SIDEWALL DURING INSTALLATION.
- ④ ROUTE WIRE IN FLOOR DURING INSTALLATION.
- ③ WIRE ROUTED IN SIDEWALL.

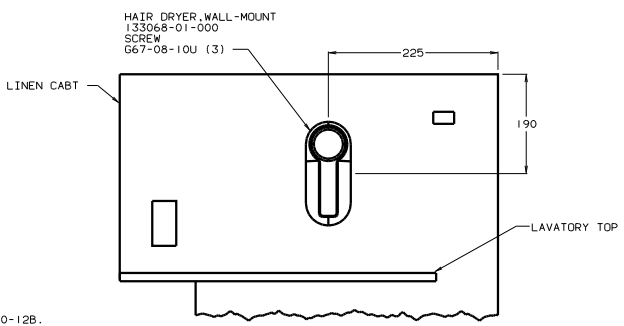
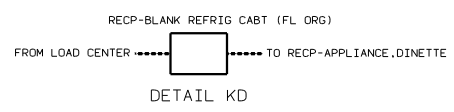
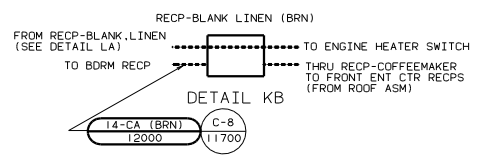
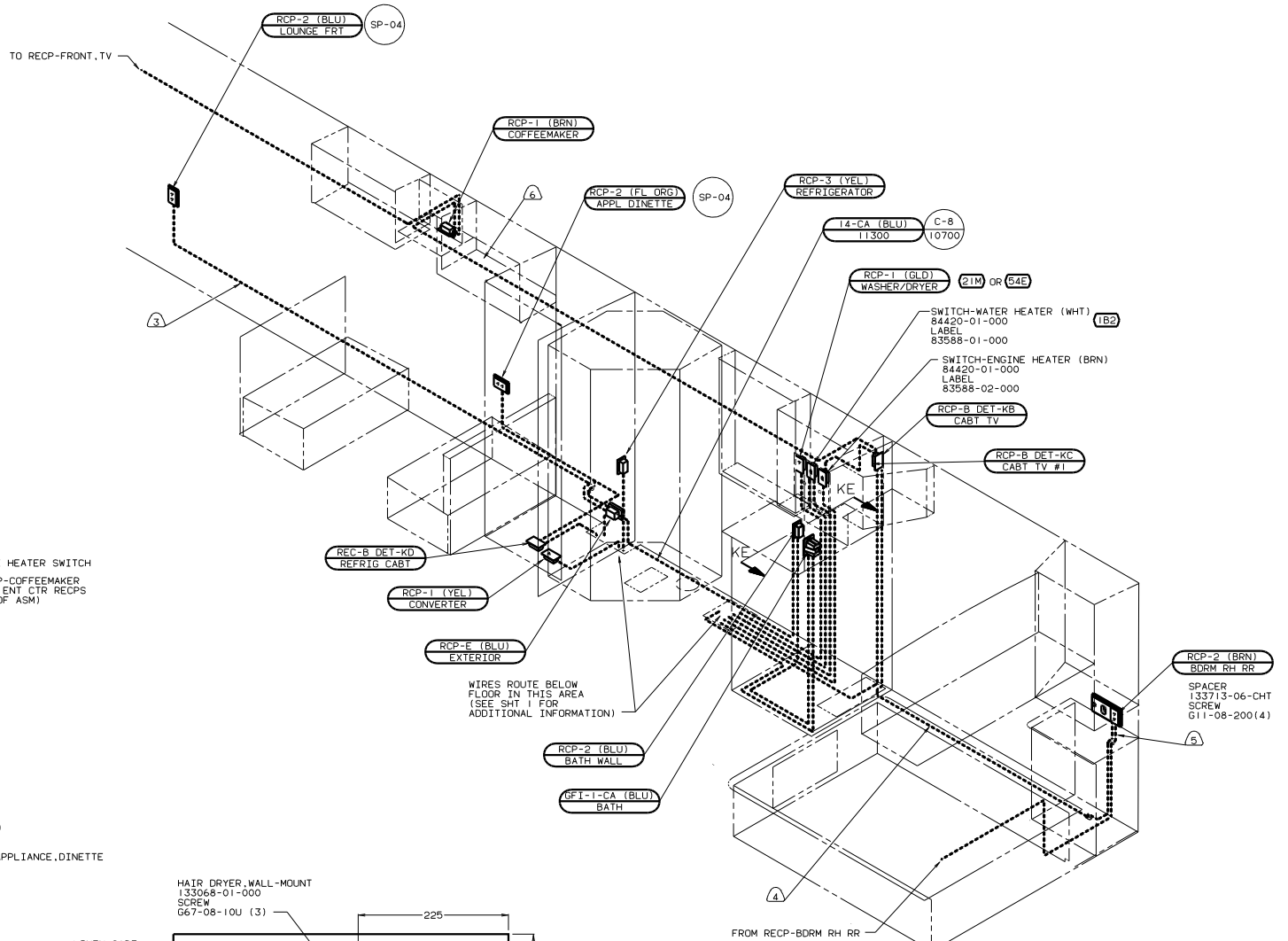
2. ALL WIRES ARE TO BE CLAMPED WITH CLAMP 10497-05-000 WITHIN 200 OF OUTLET BOXES AND SPLICES. USE SCREW G67-10-12B.
1. ALL WIRE TO BE CLAMPED WITH CLAMP 10495-01-000 OR CLIP 80734-02-000 EVERY 700. USE SCREW G67-10-12B UNLESS OTHERWISE SPECIFIED.

- ⑤4E WASHER/DRYER
- ⑤1B HAIR DRYER
- ②1M WASHER/DRYER PREP
- ①2D ELECTRICAL SYSTEM 30 AMP
- ①B2 WTR HTR-10GAL/ELEC/LP/MTR/ID
- ②6S CODES/STANDARDS-CSA/CMVSS

00 P36L ②6S ①2D

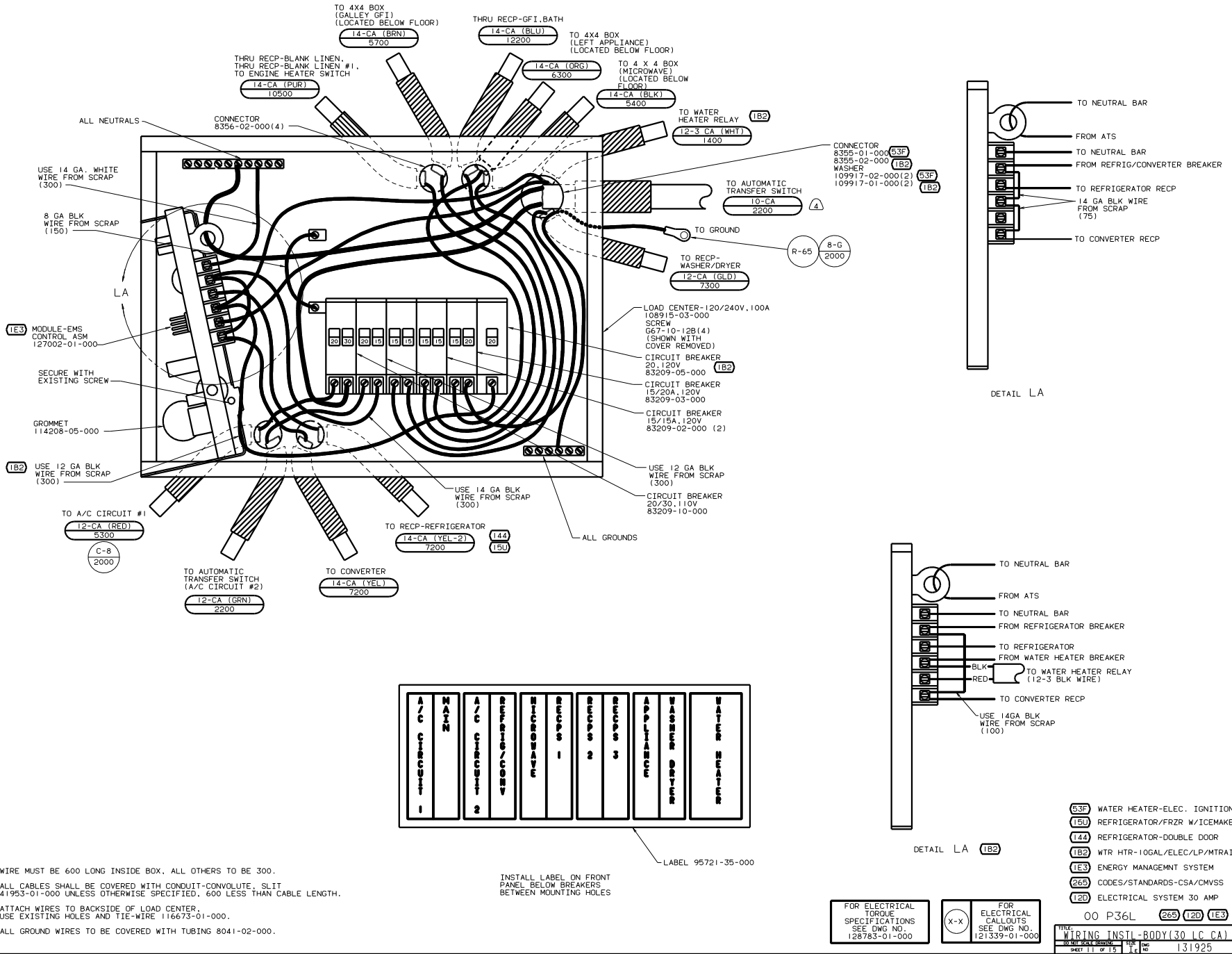
TITLE		WIRING INSTL - BODY (R 30 CA)	
NO. OF SHEETS	TOTAL SHEETS	REV	DATE
9	15	1.6	131925

VIEW JD-JD (51B)



- (54E) WASHER/DRYER
- (51B) HAIR DRYER
- (79J) INVERTER/CHARGER-1,500 WATT
- (40F) INVERTER-DC/AC-130W
- (21M) WASHER/DRYER PREP
- (78J) ELECTRICAL SYSTEM-50 AMP
- (182) WTR HTR-10GAL/ELEC/LP/MTR/ID
- (265) CODES/STANDARDS-CSA/CMVSS

- (6) WIRE ROUTED IN ROOF.
 - (5) ROUTE WIRE IN SIDEWALL DURING INSTALLATION.
 - (4) ROUTE WIRE IN FLOOR DURING INSTALLATION.
 - (3) WIRE ROUTED IN SIDEWALL.
2. ALL WIRES ARE TO BE CLAMPED WITH CLAMP 10495-01-000 WITHIN 200 OF OUTLET BOXES AND SPLICES. USE SCREW G67-10-12B.
1. ALL WIRE TO BE CLAMPED WITH CLAMP 10495-01-000 OR CLIP 80734-02-000 EVERY 700. USE SCREW G67-10-12B UNLESS OTHERWISE SPECIFIED.



4. WIRE MUST BE 600 LONG INSIDE BOX, ALL OTHERS TO BE 300.
3. ALL CABLES SHALL BE COVERED WITH CONDUIT-CONVOLUTE, SLIT 41953-01-000 UNLESS OTHERWISE SPECIFIED, 600 LESS THAN CABLE LENGTH.
2. ATTACH WIRES TO BACKSIDE OF LOAD CENTER, USE EXISTING HOLES AND TIE-WIRE 116673-01-000.
1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

- (63F) WATER HEATER-ELEC. IGNITION
- (15U) REFRIGERATOR/FRZR W/ICEMAKER
- (14A) REFRIGERATOR-DOUBLE DOOR
- (1B2) WTR HTR-10GAL/ELEC/LP/MTR/TRAID
- (1E3) ENERGY MANAGEMENT SYSTEM
- (26F) CODES/STANDARDS-CSA/CMVSS
- (12D) ELECTRICAL SYSTEM 30 AMP

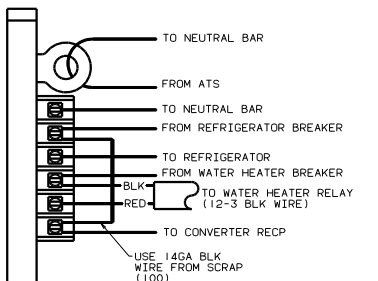
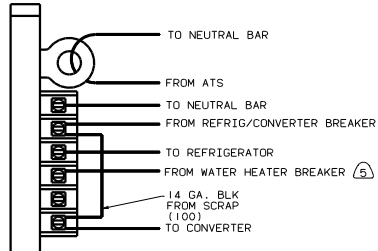
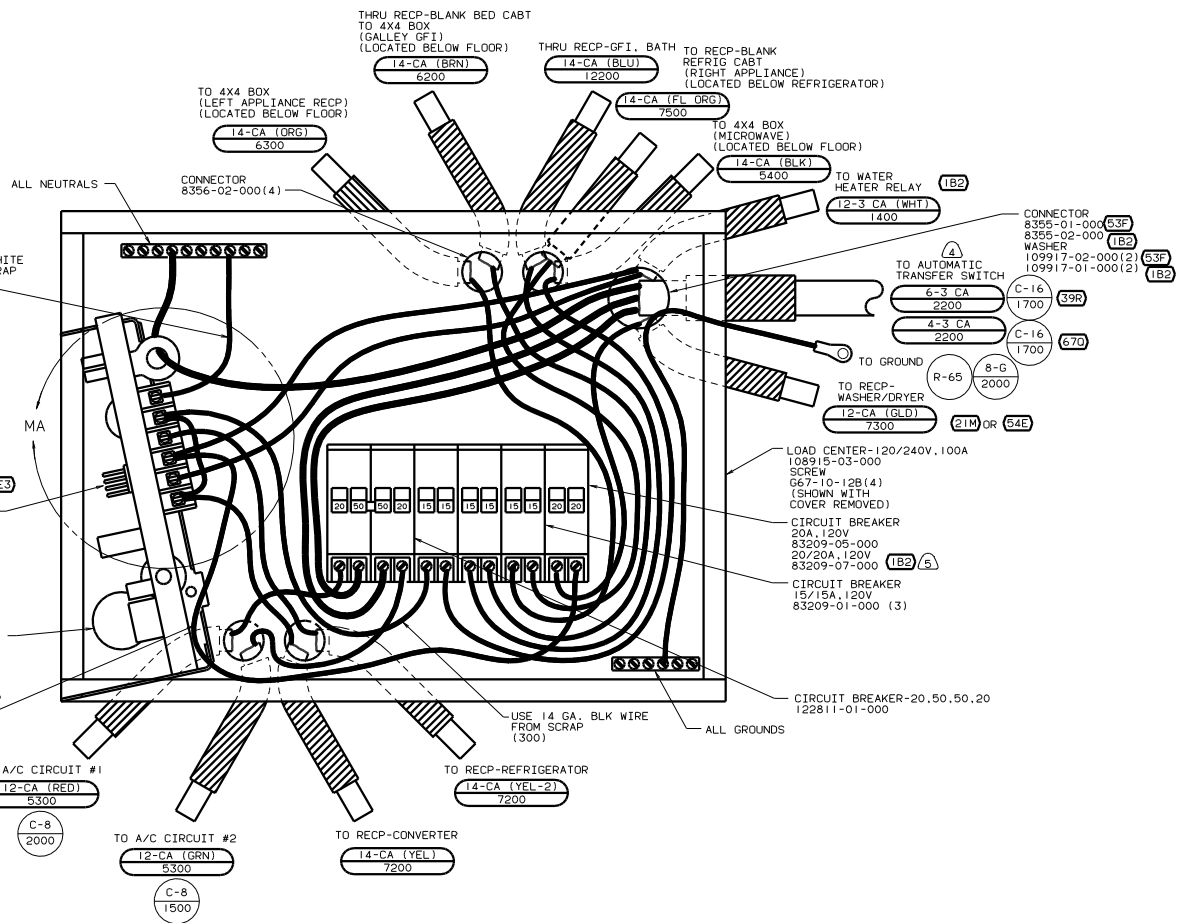
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

00 P36L (26F) (12D) (1E3)

WIRING INSTL-BODY(30 LC CA)

131925



A/C CIRCUIT #1	WTR HTR	WTR HTR	A/C CIRCUIT #2	REFRIG/CONV	MICROWAVE	RECP 1	RECP 2	APPLIANCE	APPLIANCE	WASHER/DRYER	WATER HEATER
----------------	---------	---------	----------------	-------------	-----------	--------	--------	-----------	-----------	--------------	--------------

- THIS BREAKER MUST BE INSTALLED AND WIRED TO EMS EVEN WITHOUT (1B2)
- WIRE MUST BE 600 LONG INSIDE BOX, ALL OTHERS TO BE 300.
- ALL CABLES SHALL BE COVERED WITH CONDUIT-CONVOLUTE, SLIT 41953-01-000 UNLESS OTHERWISE SPECIFIED, 600 LESS THAN CABLE LENGTH.
- ATTACH WIRES TO BACKSIDE OF LOAD CENTER, USE EXISTING HOLES AND TIE-WIRE 116673-01-000.
- ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

INSTALL LABEL ON FRONT PANEL BELOW BREAKERS BETWEEN MOUNTING HOLES

LABEL 95721-36-000

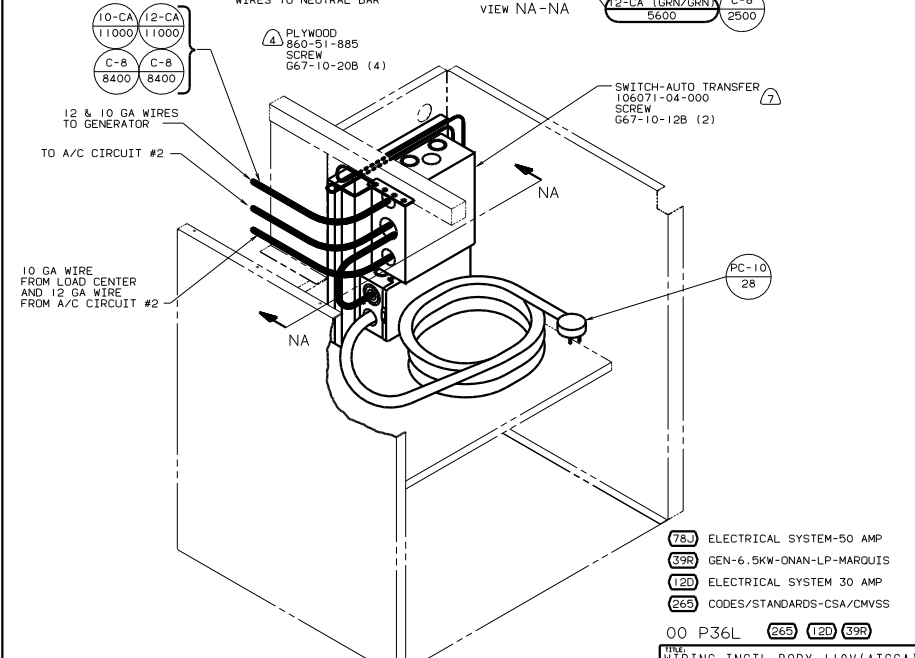
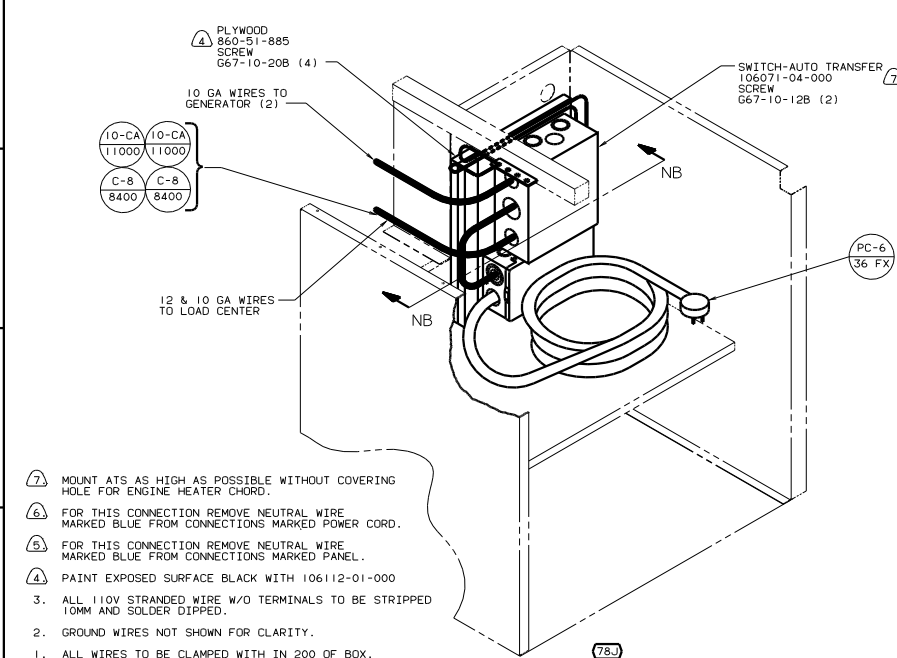
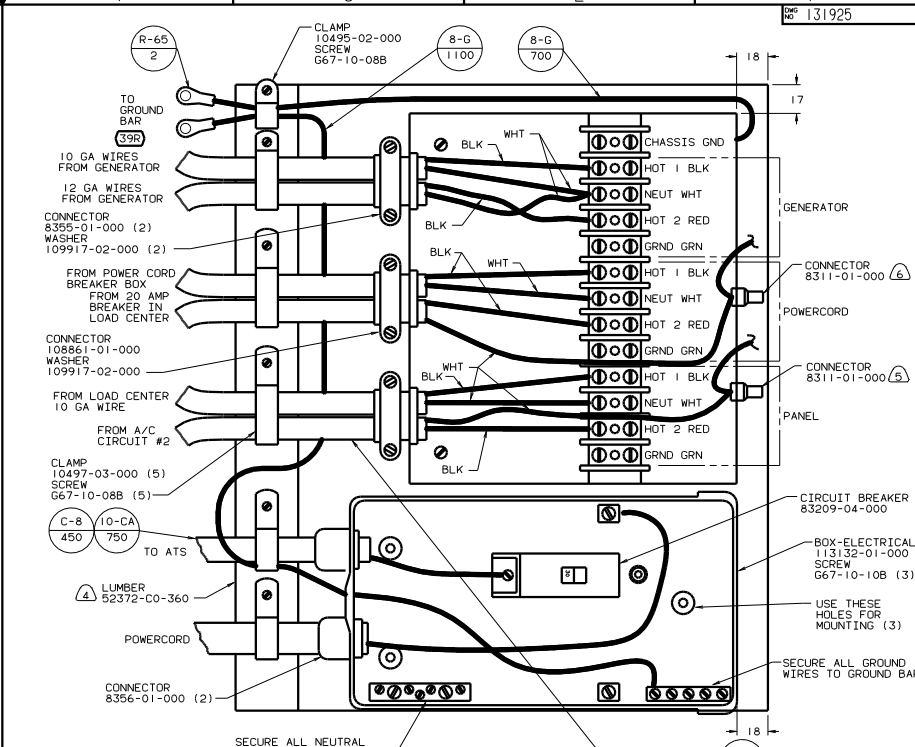
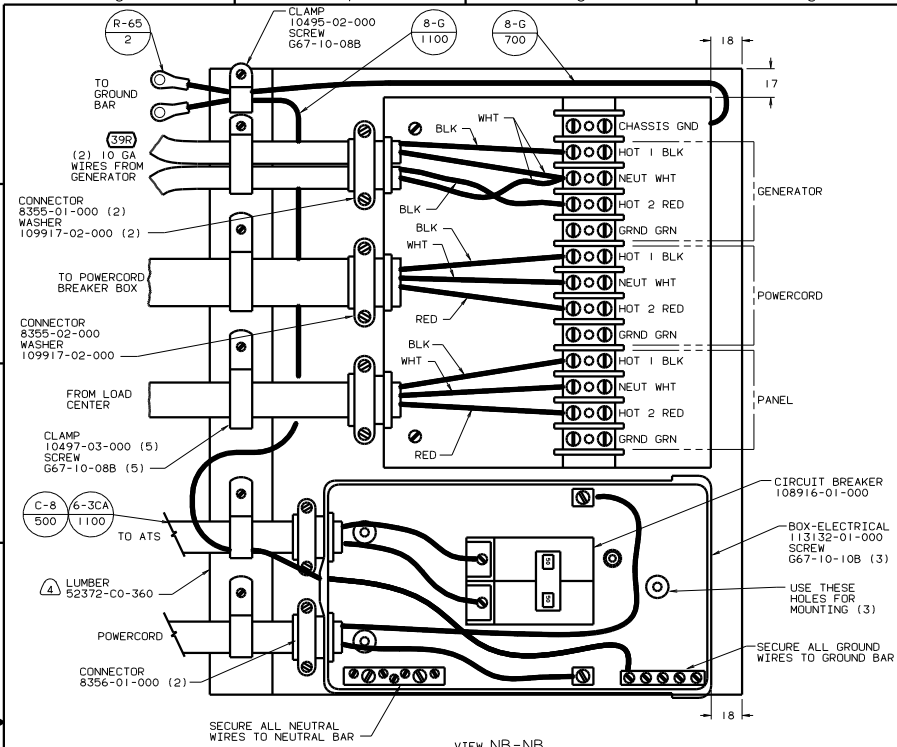
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 126783-01-000

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

- (64E) WASHER/DRYER
- (63F) WATER HEATER-ELEC. IGNITION
- (670) GEN-7.5KW-ONAN-QUIET DIESEL
- (39A) GEN-6.5KW-ONAN-LP-MARQUIS
- (21M) WASHER/DRYER PREP
- (15U) REFRIGERATOR/FRZR W/ICEMAKER
- (144) REFRIGERATOR-DOUBLE DOOR
- (1B2) WTR HTR-10GAL/ELEC/LP/MTR/AID
- (78J) ELECTRICAL SYSTEM - 50 AMP
- (1E3) ENERGY MANEMNT SYSTEM
- (2E5) CODES/STANDARDS-CSA/CMVSS

00 P36L (265) (1E3) (78J)

WIRING INSTL-BODY(50 LC CA)

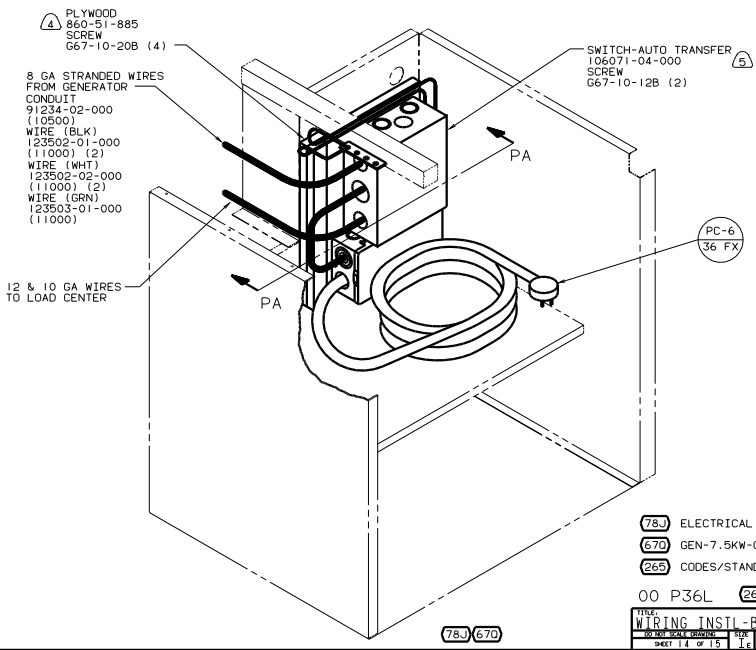
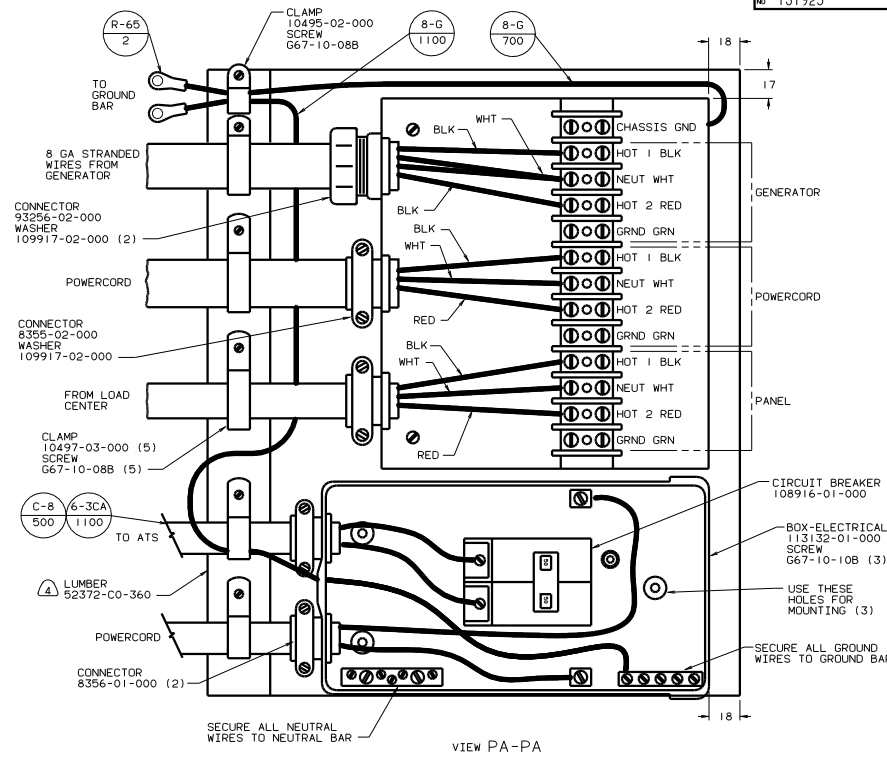


- NOTES:
1. ALL WIRES TO BE CLAMPED WITH IN 200 OF BOX.
 2. GROUND WIRES NOT SHOWN FOR CLARITY.
 3. ALL 110V STRANDED WIRE W/O TERMINALS TO BE STRIPPED 10MM AND SOLDER DIPPED.
 4. PAINT EXPOSED SURFACE BLACK WITH 106112-01-000
 5. FOR THIS CONNECTION REMOVE NEUTRAL WIRE MARKED BLUE FROM CONNECTIONS MARKED PANEL.
 6. FOR THIS CONNECTION REMOVE NEUTRAL WIRE MARKED BLUE FROM CONNECTIONS MARKED POWER CORD.
 7. MOUNT ATS AS HIGH AS POSSIBLE WITHOUT COVERING HOLE FOR ENGINE HEATER CHORD.

(78) ELECTRICAL SYSTEM-50 AMP
 (39R) GEN-6.5KW-ONAN-LP-MARQUIS
 (12D) ELECTRICAL SYSTEM 30 AMP
 (265) CODES/STANDARDS-CSA/CMVSS

00 P36L (265) (12D) (39R)

WIRING INSTL-BODY 110V(ATS/CA)
 SHEET 13 OF 15

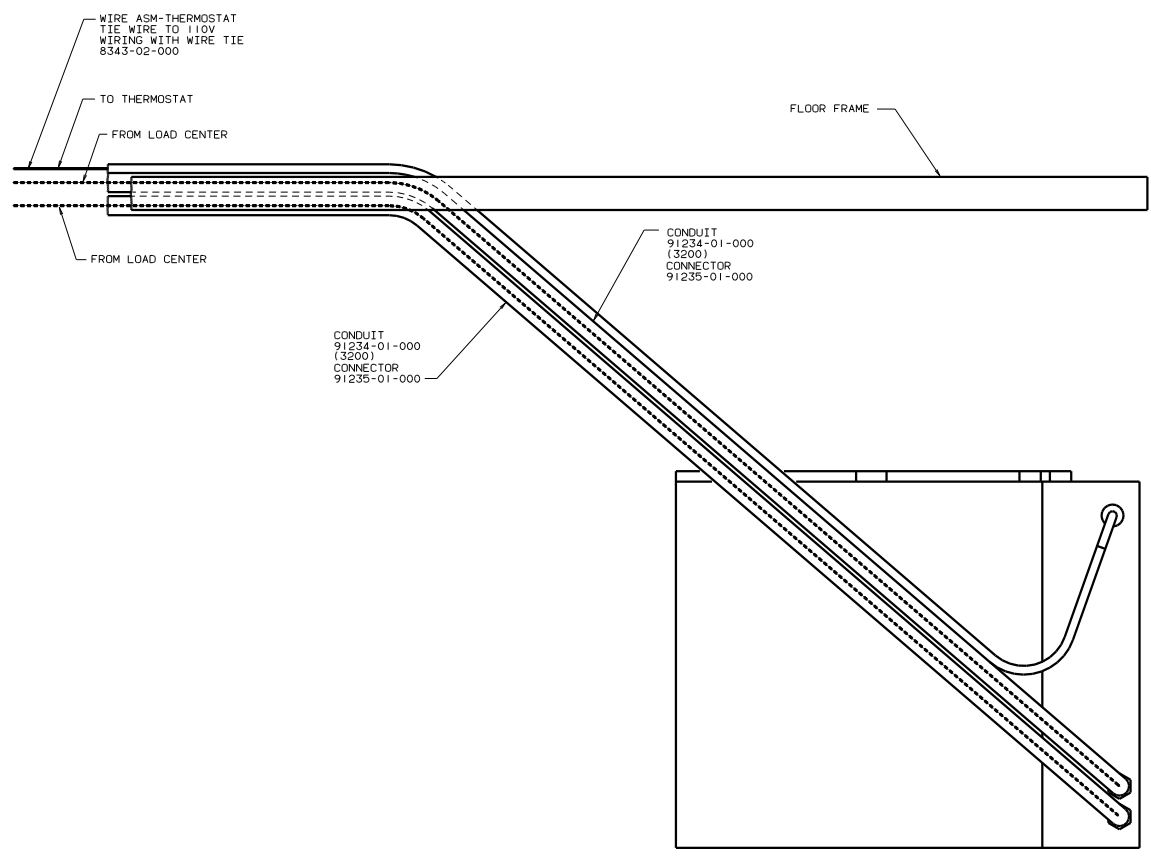


- 5. MOUNT ATS AS HIGH AS POSSIBLE WITHOUT COVERING HOLE FOR ENGINE HEATER CHORD.
- 4. PAINT EXPOSED SURFACE BLACK WITH 106112-01-000
- 3. ALL 110V STRANDED WIRE W/O TERMINALS TO BE STRIPPED 10MM AND SOLDER DIPPED.
- 2. GROUND WIRES NOT SHOWN FOR CLARITY.
- 1. ALL WIRES TO BE CLAMPED WITH IN 200 OF BOX.

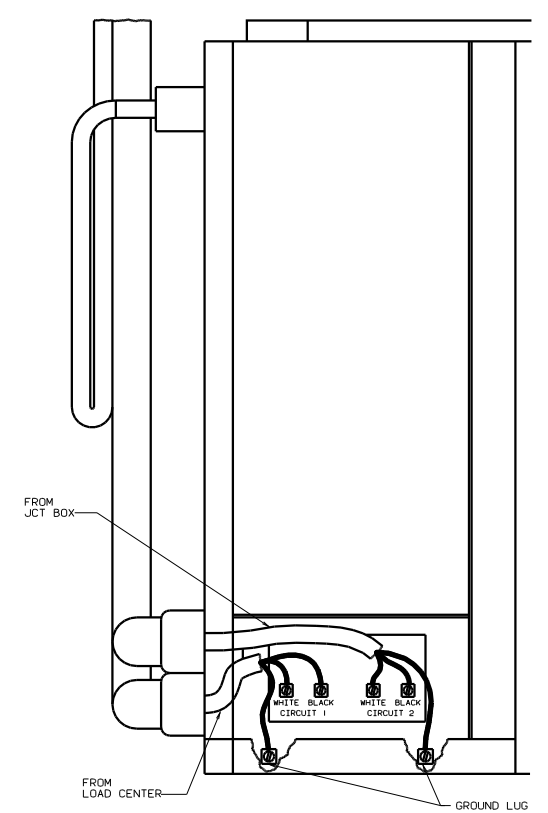
78J ELECTRICAL SYSTEM-50 AMP
 670 GEN-7.5KW-QNAN-QUIET DIESEL
 265 CODES/STANDARDS-CSA/CMVSS

00 P36L 265

WIRING INSTL - BODY 110V (ATSCA)
 SHEET 14 OF 15



VIEW RA-RA



(265) CODES/STANDARDS-CSA/MVSS
 (1B1) CODES/STANDARDS-USA

00 P36L (1B1) (265)

FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000	(X-X)	FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000
--	-------	---

TITLE: WIRING INSTL-BODY(CNTRL A/C)	
NO. OF SHEETS: 15	SHEET NO: 15
DWG NO: 131925	REV NO: 1