



**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.

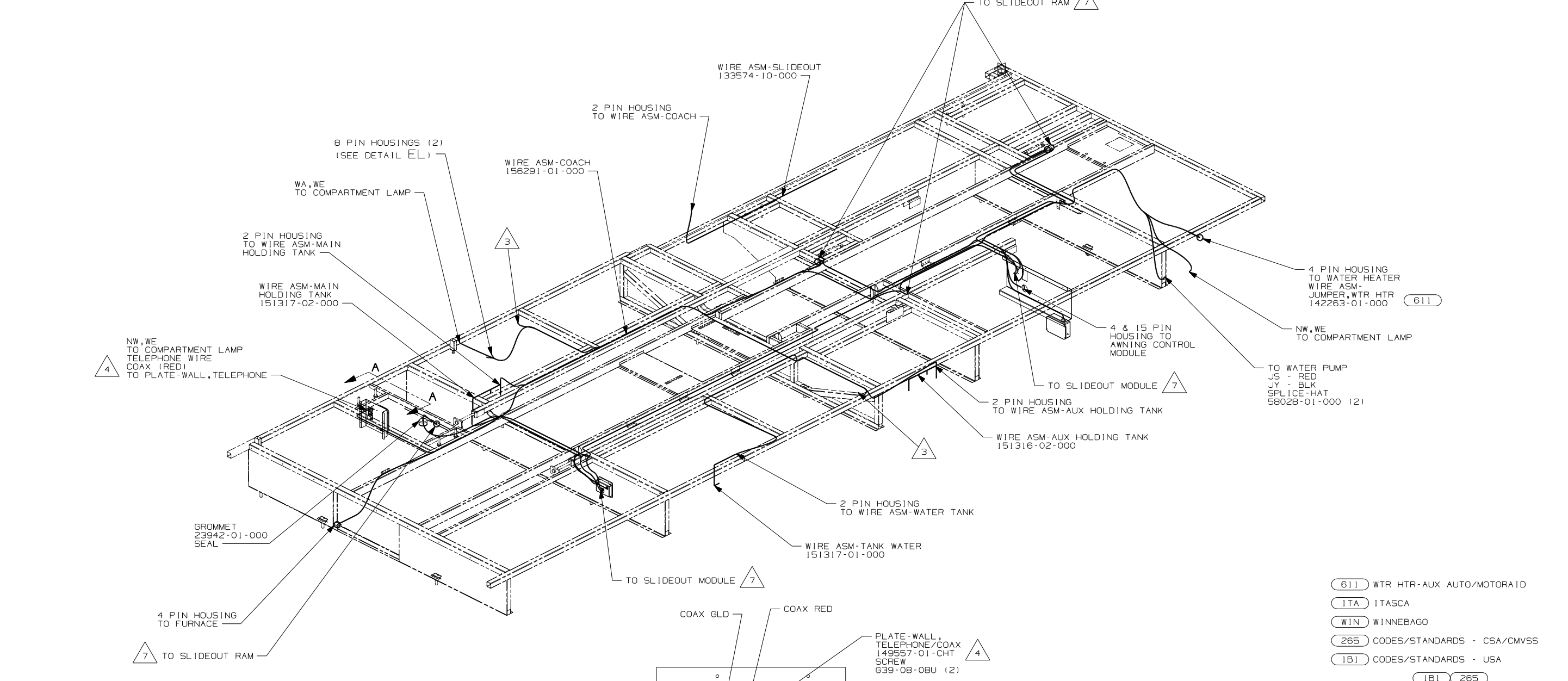


**CAUTION**

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.

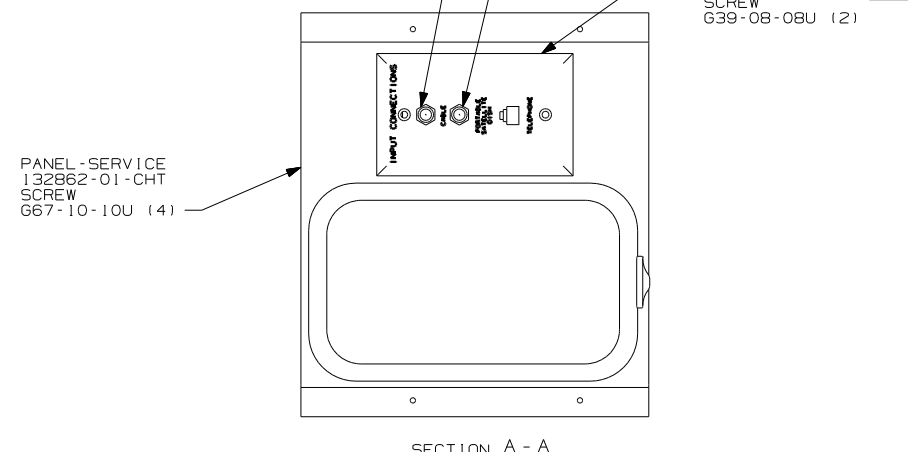
DRAWING NO.	FEATURE
156234-01	(WIN)
156234-02	(ITA)

RELEASE	REV DATE	DWG NO	156234
REV ZONE	REVISION RECORD	DATE	DFTR-0R16



- (611) WTR HTR-AUX AUTO/MOTORAID
- (ITA) ITASCA
- (WIN) WINNEBAGO
- (265) CODES/STANDARDS - CSA/CMVSS
- (1B1) CODES/STANDARDS - USA
- (1B1) (265)

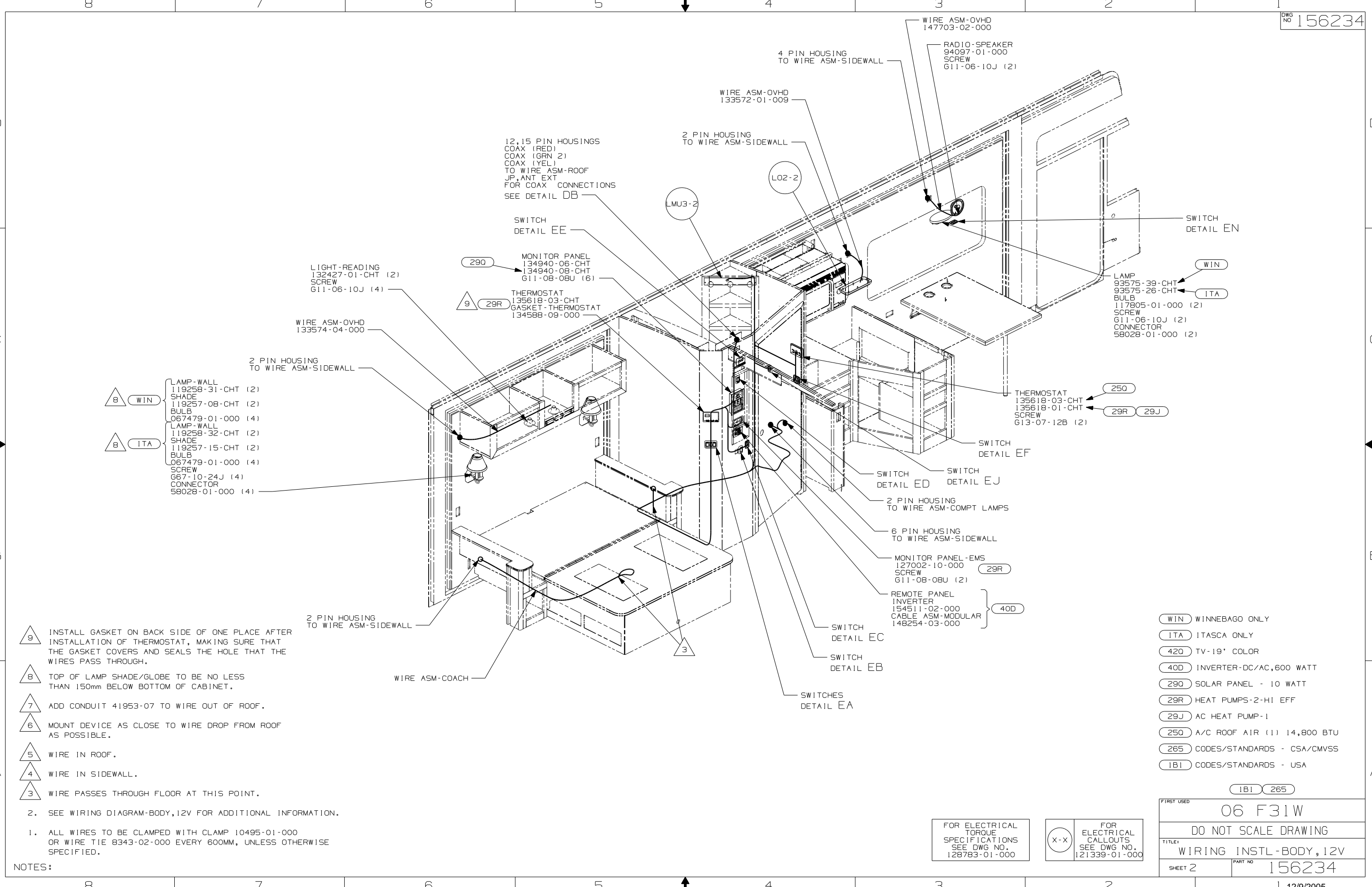
- NOTES:
1. ALL WIRES TO BE CLAMPED WITH CLAMP 10495-01-000 OR WIRE TIE 8343-02-000 EVERY 600MM, UNLESS OTHERWISE SPECIFIED.
  2. SEE WIRING DIAGRAM-BODY, 12V FOR ADDITIONAL INFORMATION.
- (7) SEE SHT 8 FOR ADDITIONAL INFORMATION.  
 (6) ROUTE WIRES AS SHOWN AND CLAMP AS NEEDED.  
 (5) SEE CHASSIS ELECTRICAL BOX-ASM FOR ADDITIONAL INFORMATION.  
 (4) CONNECT TELEPHONE WIRES TO MATCHING COLORS ON PLATE-WALL, TELEPHONE.  
 (3) WIRE PASSES THROUGH FLOOR AT THIS POINT.



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

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

<b>WINNEBAGO</b>		COPYRIGHT 2004 WINNEBAGO INDUSTRIES, INC.	
DFTR	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHKR		06 F31W	
P.E.		FIRST USED	
M.E.			
DSNR			
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X)	:		*
ONE-PLACE (X.X)	:		*
TWO-PLACE (X.XX)	:		*
ANGLE	:		*
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING			
TITLE: WIRING INSTL-BODY, 12V			
SHEET 1 OF 7	PART NO	156234	
REF:	1 12/9/2005		



- 9 INSTALL GASKET ON BACK SIDE OF ONE PLACE AFTER INSTALLATION OF THERMOSTAT, MAKING SURE THAT THE GASKET COVERS AND SEALS THE HOLE THAT THE WIRES PASS THROUGH.
- 8 TOP OF LAMP SHADE/GLOBE TO BE NO LESS THAN 150mm BELOW BOTTOM OF CABINET.
- 7 ADD CONDUIT 41953-07 TO WIRE OUT OF ROOF.
- 6 MOUNT DEVICE AS CLOSE TO WIRE DROP FROM ROOF AS POSSIBLE.
- 5 WIRE IN ROOF.
- 4 WIRE IN SIDEWALL.
- 3 WIRE PASSES THROUGH FLOOR AT THIS POINT.

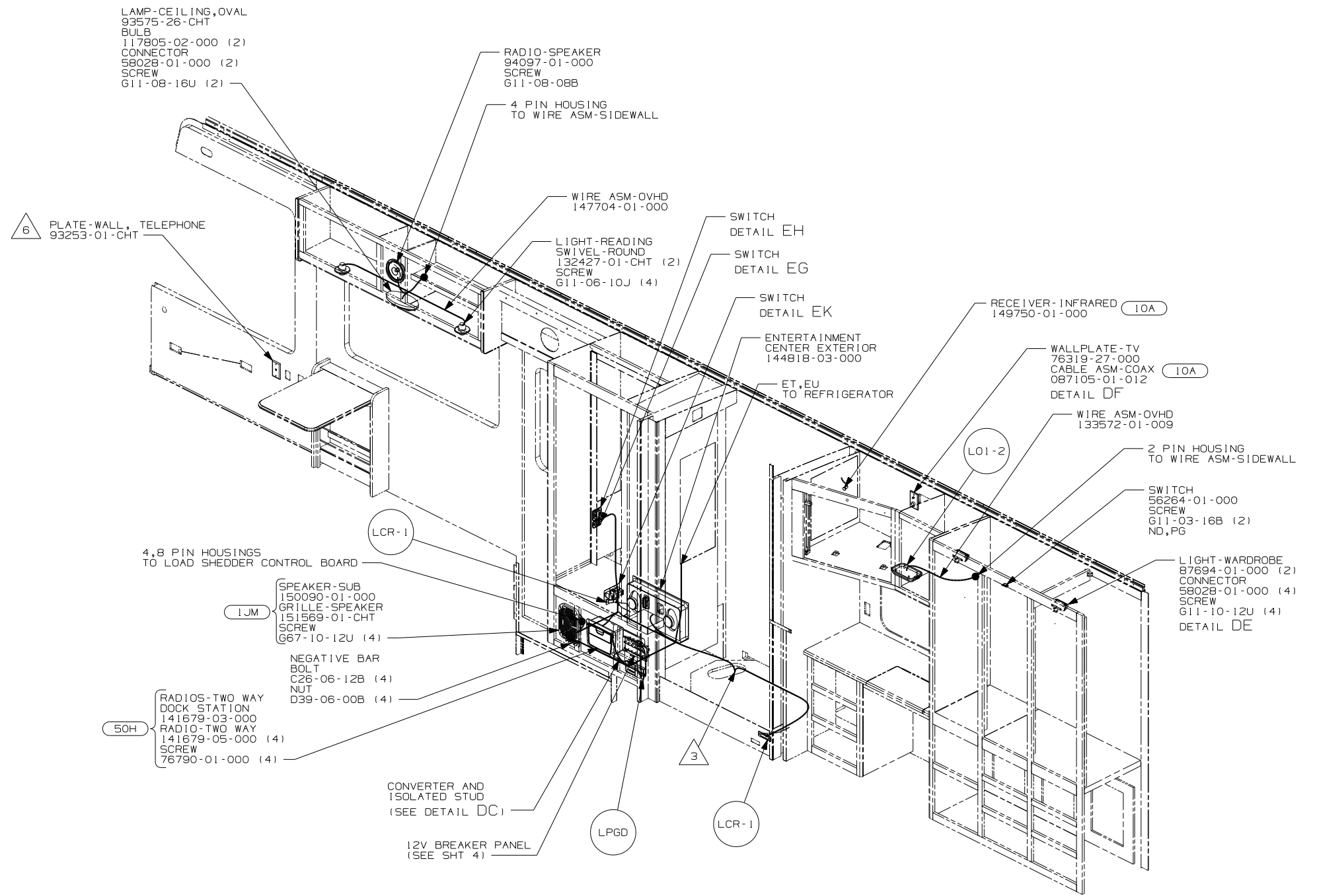
2. SEE WIRING DIAGRAM-BODY,12V FOR ADDITIONAL INFORMATION.
1. ALL WIRES TO BE CLAMPED WITH CLAMP 10495-01-000 OR WIRE TIE 8343-02-000 EVERY 600MM, UNLESS OTHERWISE SPECIFIED.

- WIN WINNEBAGO ONLY
- ITA ITASCA ONLY
- 420 TV-19' COLOR
- 40D INVERTER-DC/AC,600 WATT
- 290 SOLAR PANEL - 10 WATT
- 29R HEAT PUMPS-2-HI EFF
- 29J AC HEAT PUMP-1
- 250 A/C ROOF AIR (1) 14,800 BTU
- 265 CODES/STANDARDS - CSA/CMVSS
- 1B1 CODES/STANDARDS - USA

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

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

FIRST USED	06 F31W
TITLE	DO NOT SCALE DRAWING
SHEET 2	WIRING INSTL-BODY,12V
PART NO	156234



- 7 TOP OF LAMP SHADE/GLOBE TO BE NO LESS THEN 150MM BELOW BOTTOM OF CABINET.
- 6 CONNECT TELEPHONE WIRES TO MATCHING COLORS ON PLATE-WALL, TELEPHONE.
- 5 WIRE IN ROOF.
- 4 WIRE IN SIDEWALL.
- 3 WIRE PASSES THROUGH FLOOR AT THIS POINT.
2. SEE WIRING DIAGRAM-BODY, 12V FOR ADDITIONAL INFORMATION.
1. ALL WIRES TO BE CLAMPED WITH CLAMP 10495-01-000 OR WIRE TIE 8343-02-000 EVERY 600MM, UNLESS OTHERWISE SPECIFIED.

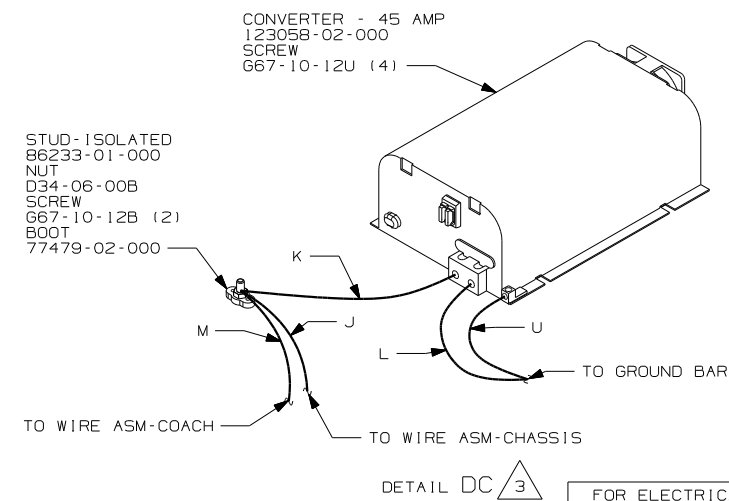
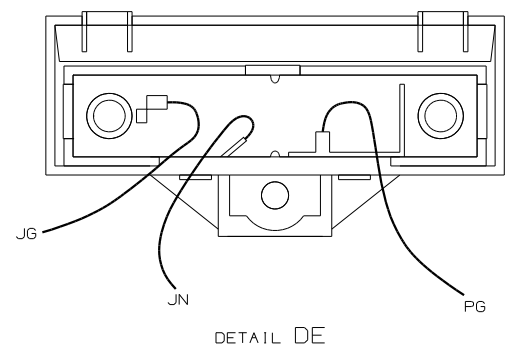
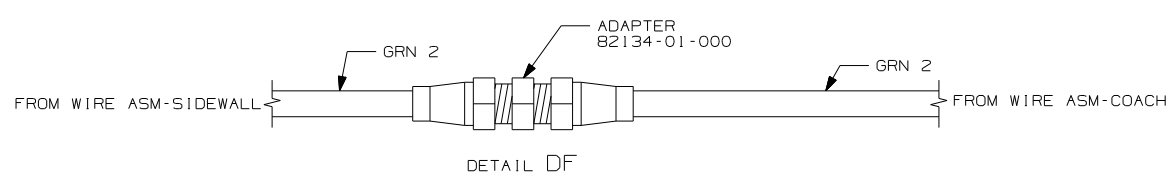
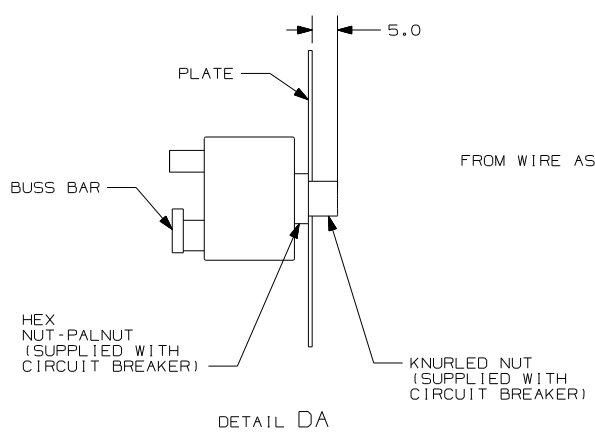
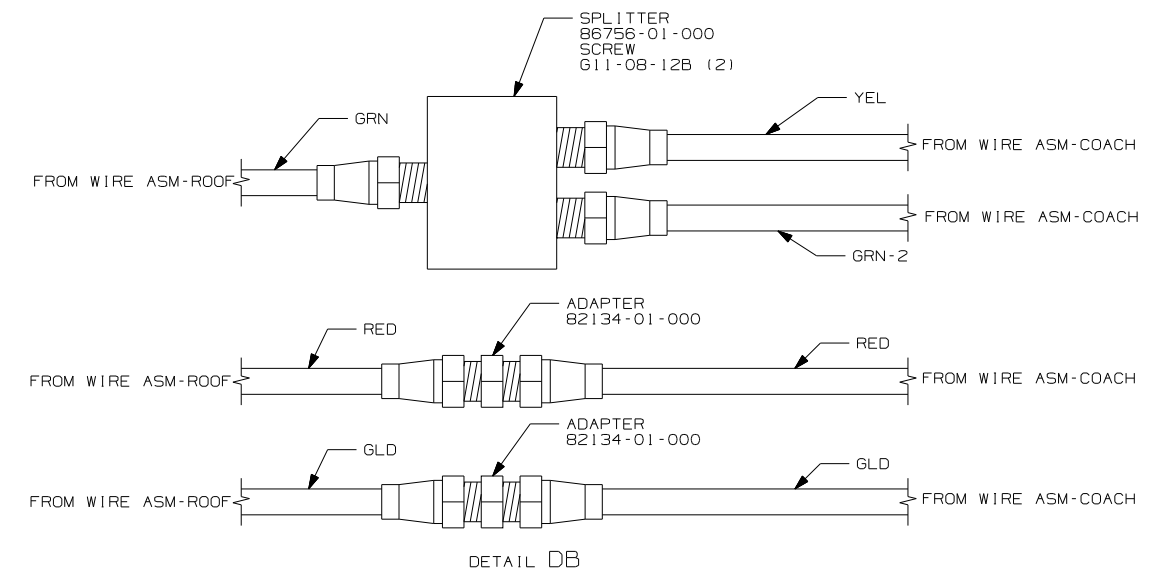
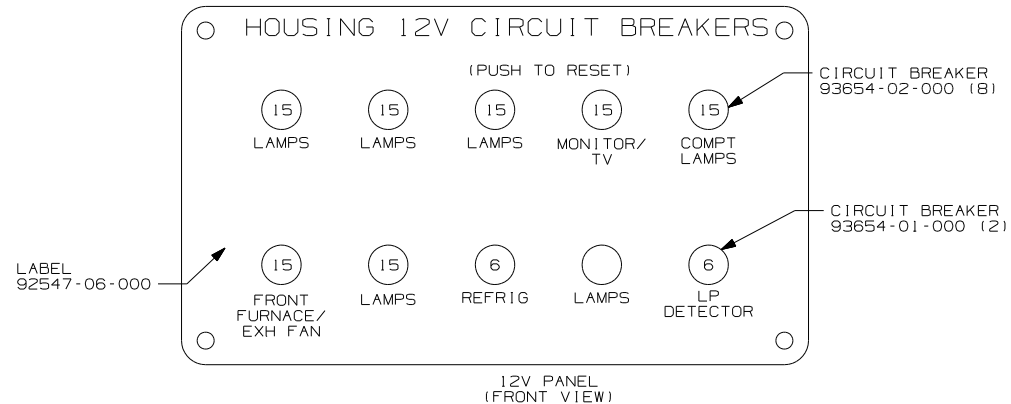
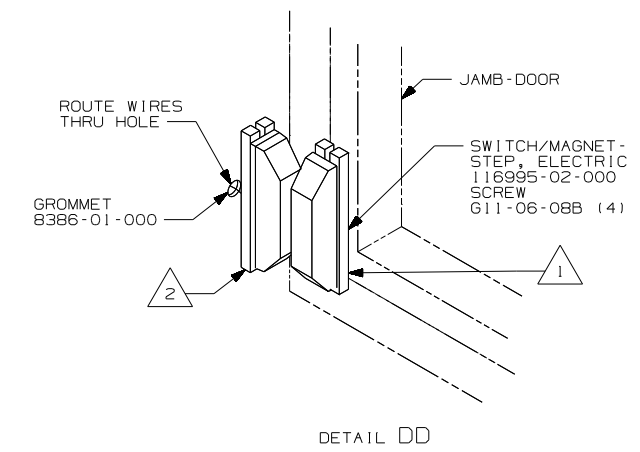
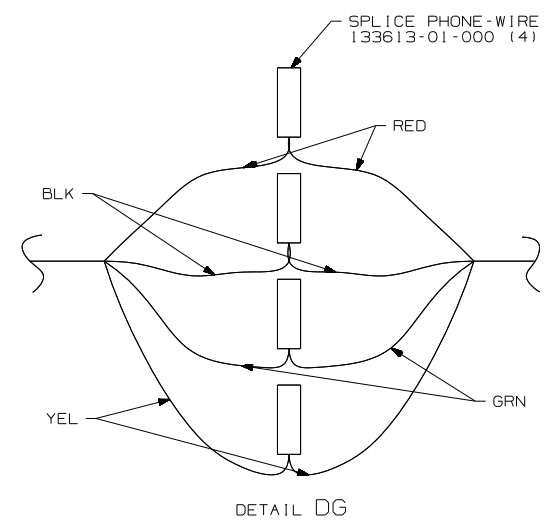
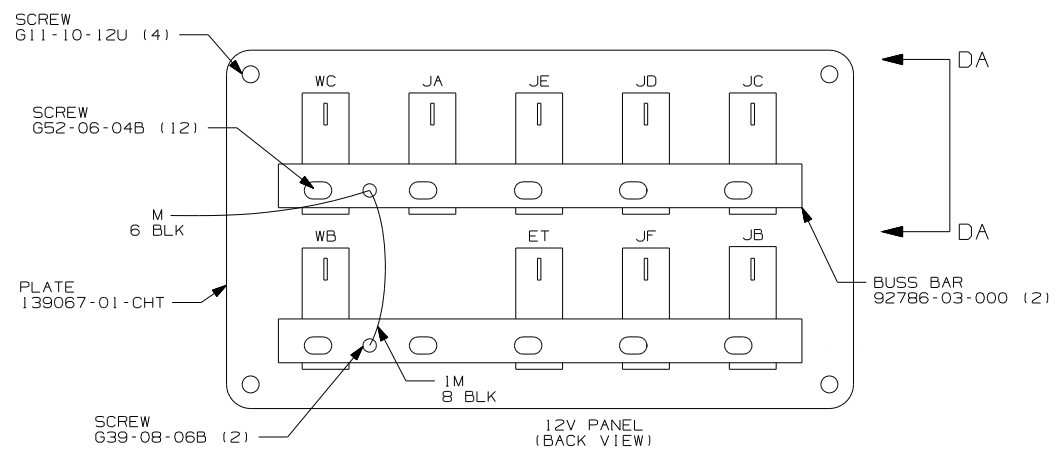
NOTES:

- (WIN) WINNEBAGO ONLY
- (ITA) ITASCA ONLY
- (50H) RADIOS (4) - TWO-WAY
- (265) CODES/STANDARDS - CSA/CMVSS
- (1B1) CODES/STANDARDS - USA
- (10A) TV (REAR) - 20" COLOR, STEREO

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

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

FIRST USED	06 F31W
TITLE	DO NOT SCALE DRAWING
SHEET 3	WIRING INSTL-BODY, 12V
PART NO	156234



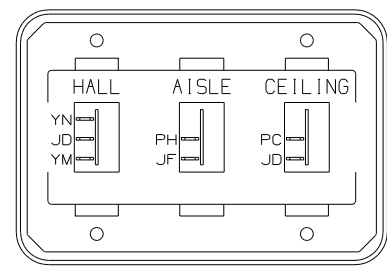
- NOTES:
- 3 FOR POSITIONING DIMENSIONS SEE WIRING INSTL-BODY, 110V SHT 4.
  - 2 MOUNT SWITCH AND SPACER TO BLOCK ON JAMB ADJUST HEIGHT TO MATCH MAGNET.
  - 1 MOUNT MAGNET USING PILOT HOLES IN SCREEN DOOR FRAME. MOUNT WITH MAGNET TOWARD SWITCH.

265 CODES/STANDARDS - CSA/CMVSS  
 1B1 CODES/STANDARDS - USA

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

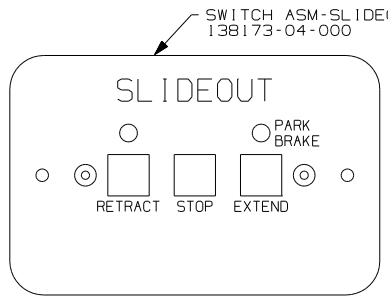
FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

FIRST USED	1B1 265
06 F31W	
DO NOT SCALE DRAWING	
TITLE:	WIRING INSTL-BODY, 12V
SHEET 4	PART NO 156234



DETAIL EA

SWITCH-ROCKER  
135740-01-CHT (2)  
135740-02-CHT  
SWITCH-BASE  
135741-03-CHT  
SWITCH-BEZEL  
135742-25-CHT  
SCREW  
G11-08-08U (4)

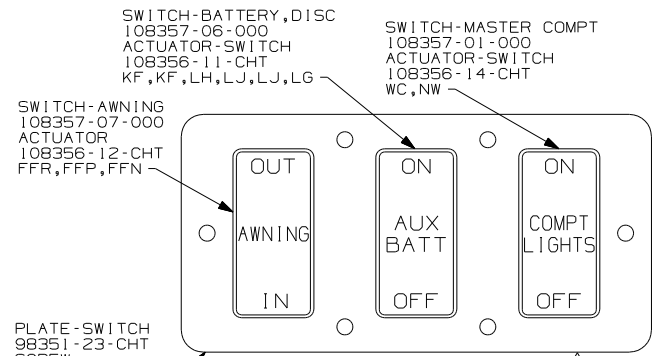


SWITCH ASM-SLIDEOUT  
138173-04-000

**WARNING** UNDERSTAND OPERATOR'S MANUAL BEFORE USING  
KEEP PEOPLE AND OBSTRUCTIONS CLEAR OF  
SLIDEOUT ROOM WHEN OPERATING TO AVOID  
INJURY AND/OR PROPERTY DAMAGE

DETAIL EE

LABEL-WARING  
116549-01-000



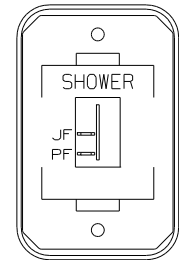
SWITCH-BATTERY, DISC  
108357-06-000  
ACTUATOR-SWITCH  
108356-11-CHT  
KF, KF, LH, LJ, LG

SWITCH-AWNING  
108357-07-000  
ACTUATOR  
108356-12-CHT  
FFR, FFP, FFN

SWITCH-MASTER COMPT  
108357-01-000  
ACTUATOR-SWITCH  
108356-14-CHT  
WC, NW

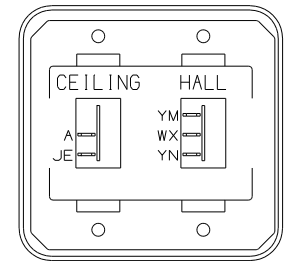
PLATE-SWITCH  
98351-23-CHT  
SCREW  
G11-06-10U (6)

DETAIL EK (52N) 3



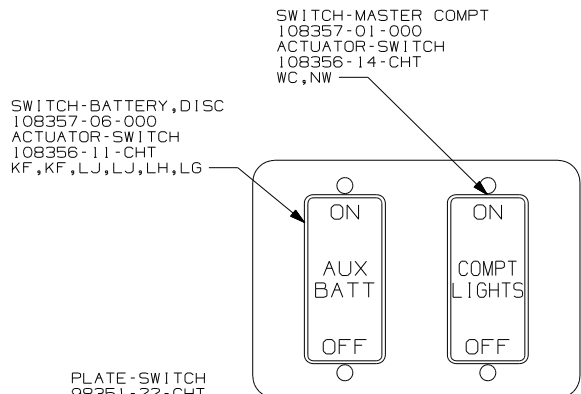
DETAIL EB

SWITCH-ROCKER  
135740-01-CHT  
SWITCH-BASE  
135741-01-CHT  
SWITCH-BEZEL  
135742-10-CHT  
SCREW  
G11-08-08U (2)



DETAIL EF

SWITCH-ROCKER  
135740-01-CHT  
135740-02-CHT  
SWITCH-BASE  
135741-02-CHT  
SWITCH-BEZEL  
135742-16-CHT  
SCREW  
G11-08-08U (4)

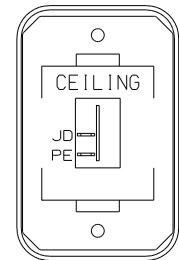


SWITCH-MASTER COMPT  
108357-01-000  
ACTUATOR-SWITCH  
108356-14-CHT  
WC, NW

SWITCH-BATTERY, DISC  
108357-06-000  
ACTUATOR-SWITCH  
108356-11-CHT  
KF, KF, LJ, LJ, LH, LG

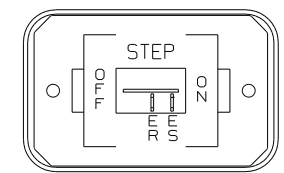
PLATE-SWITCH  
98351-22-CHT  
SCREW  
G11-06-10U (4)

DETAIL EK 2 3



DETAIL EC

SWITCH-ROCKER  
135740-01-CHT  
SWITCH-BASE  
135741-01-CHT  
SWITCH-BEZEL  
135742-07-CHT  
SCREW  
G11-08-08U (2)

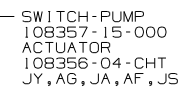


DETAIL EG

SWITCH-ROCKER  
135740-01-CHT  
SWITCH-BASE  
135741-01-CHT  
SWITCH-BEZEL  
135742-11-CHT  
SCREW  
G11-08-08U (2)

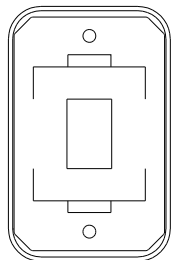


DETAIL EL 3

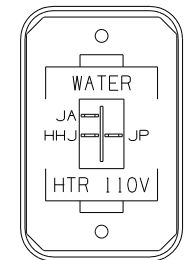


SWITCH-PUMP  
108357-15-000  
ACTUATOR  
108356-04-CHT  
JY, AG, JA, AF, JS

SWITCH-BLANK  
138253-01-CHT  
SWITCH-BASE  
135741-01-CHT  
SWITCH-BEZEL  
135742-01-CHT  
SCREW  
G11-08-08U (2)

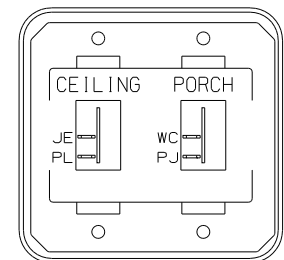


DETAIL ED 4



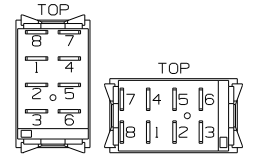
DETAIL ED (53D) OR (1B2)

SWITCH-ROCKER  
135740-06-CHT  
SWITCH-BASE  
135741-01-CHT  
SWITCH-BEZEL  
135742-35-CHT  
SCREW  
G11-08-08U (2)

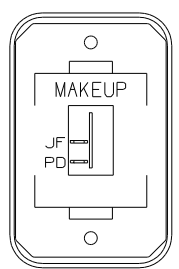


DETAIL EH

SWITCH-ROCKER  
135740-01-CHT (2)  
SWITCH-BASE  
135741-02-CHT  
SWITCH-BEZEL  
135742-19-CHT  
SCREW  
G11-08-08U (4)

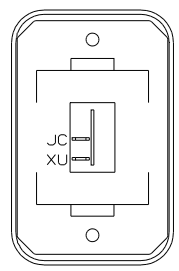


DETAIL EM



DETAIL EJ

SWITCH-ROCKER  
135740-01-CHT  
SWITCH-BASE  
135741-01-CHT  
SWITCH-BEZEL  
135742-08-CHT  
SCREW  
G11-08-08U (2)



DETAIL EN

SWITCH-ROCKER  
135740-01-CHT  
SWITCH-BASE  
135741-01-CHT  
SWITCH-BEZEL  
135742-01-CHT  
SCREW  
G11-08-08U (2)

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
- (52N) AWNING - PATIO, ELECTRIC
- (265) CODES/STANDARDS - CSA/CMVSS
- (1B1) CODES/STANDARDS - USA

4 WITHOUT (1B2) OR (53D)

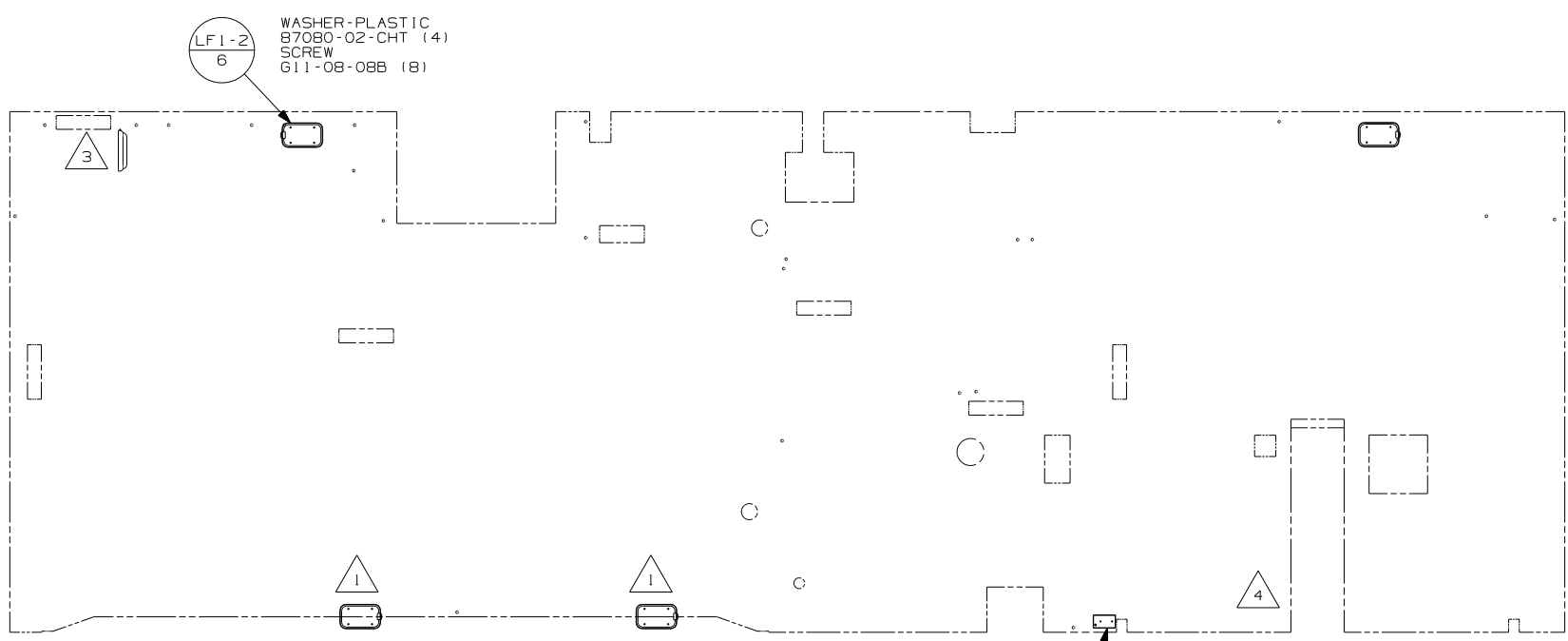
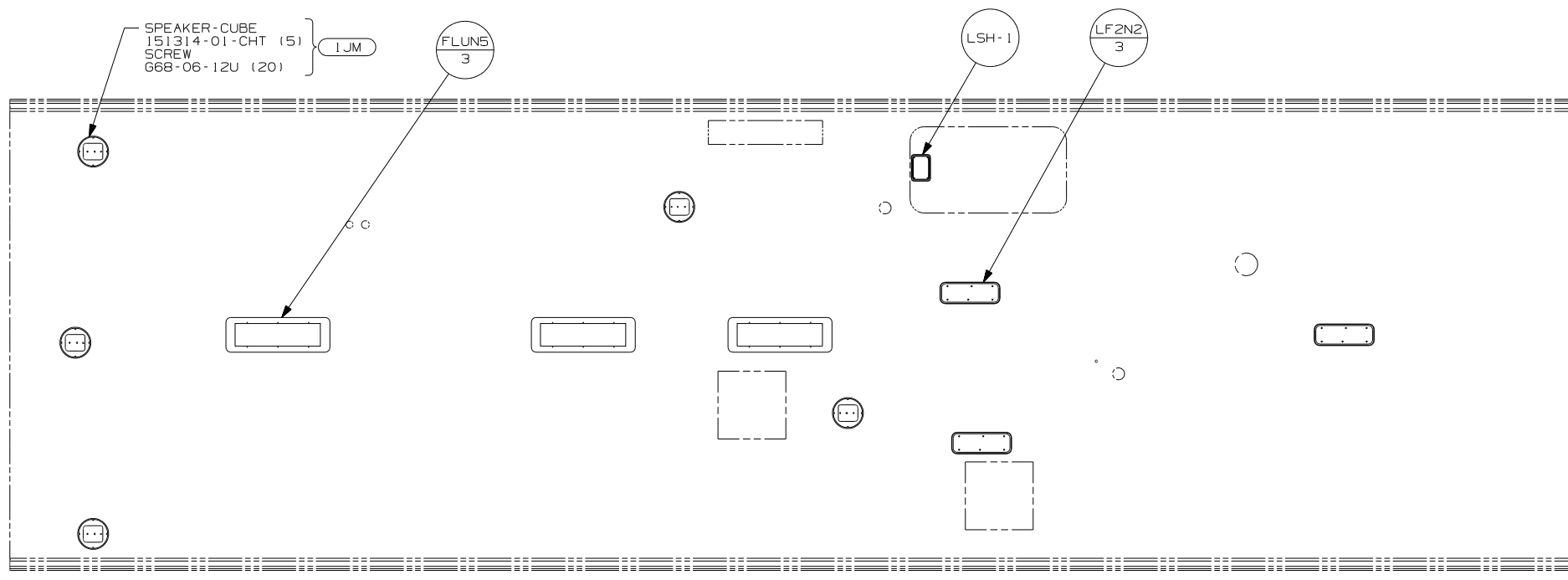
3 FOR SWITCH OREINTATION SEE DETAIL EM.

2 WITHOUT (52N).

1. SWITCHES ARE TO BE INSTALLED AS SHOWN ON THIS DRAWING.

NOTES:

FIRST USED	06 F31W
TITLE	DO NOT SCALE DRAWING
TITLE	WIRING INSTL-BODY, 12V
SHEET 5	PART NO 156234



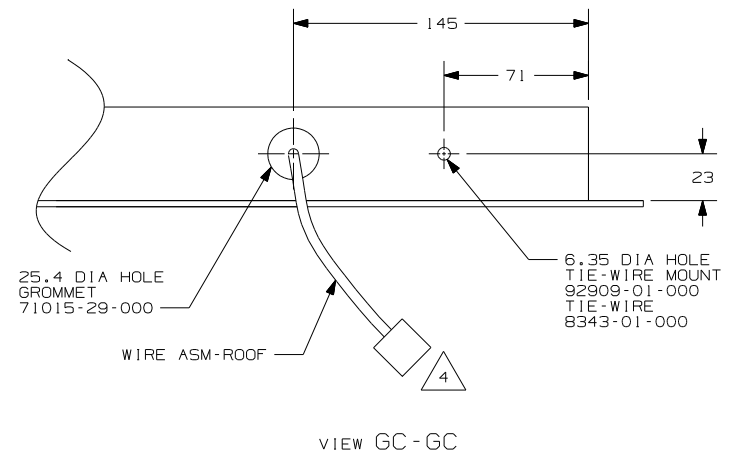
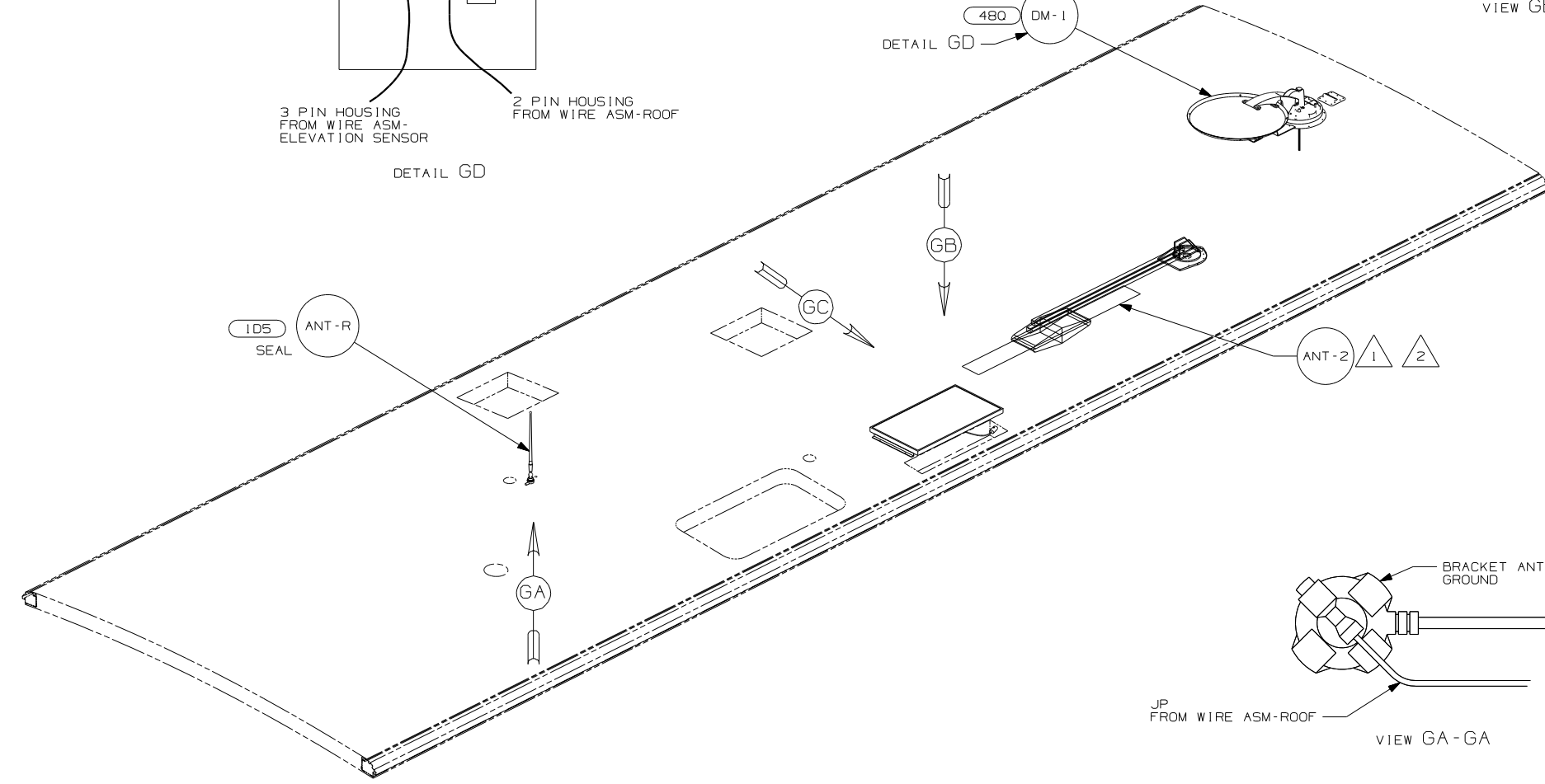
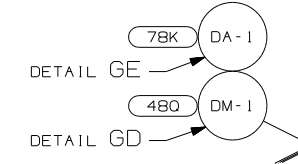
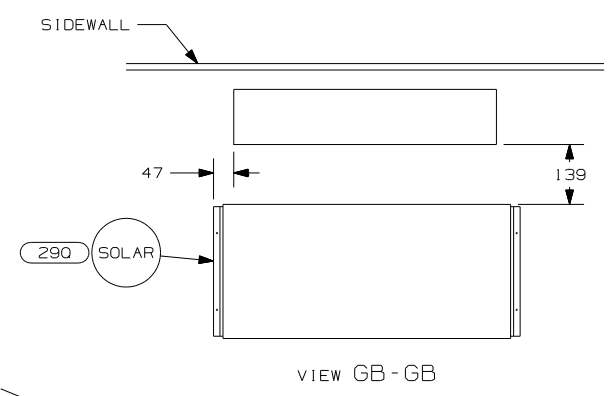
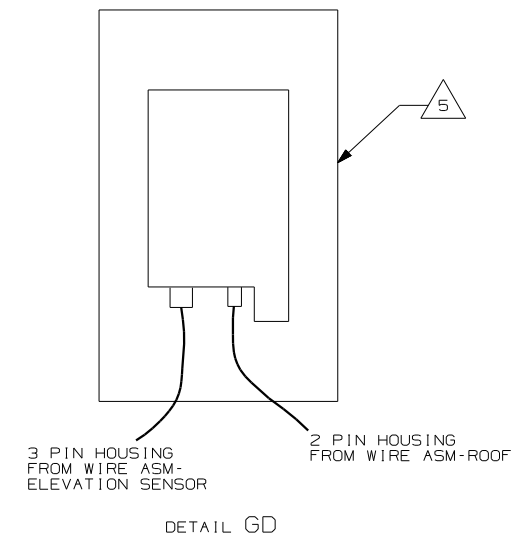
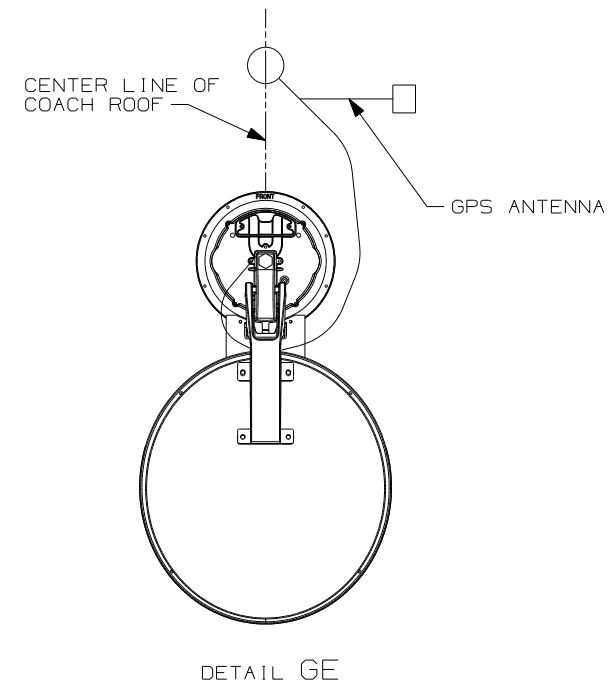
- NOTES:
- 4 LAMP LOCATED IN POWER CORD COMPARTMENT.
  - 3 LAMP LOCATED IN WATER HEATER COMPARTMENT.
  - 2 LAMP LOCATED IN SERVICE COMPARTMENT.
  - 1 LAMPS LOCATED IN SLIDEOUT.

- 48V LIGHTS-FLOURESCENT
- 48M LIGHTS-INCANDESCENT
- 265 CODES/STANDARDS - CSA/CMVSS
- 1B1 CODES/STANDARDS - USA

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

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

FIRST USED	06 F31W
DO NOT SCALE DRAWING	
TITLE	WIRING INSTL-BODY, 12V
SHEET 6	PART NO 156234



- NOTES:
- 5 SENSOR SUPPLIED WITH SATELLITE ASSEMBLY.
  - 4 FASTEN TO VENT.
  - 3 WRAP BRACKET LEGS AROUND ANTENNA BASE.
  - 2 ADD RUBBER BUMPERS TO ROOF UNDER EACH END OF ANTENNA TO PREVENT CONTACT WITH ROOF.
  - 1 SEE DWG 76319-01-000 FOR INSTALLATION OF TV ANTENNA.

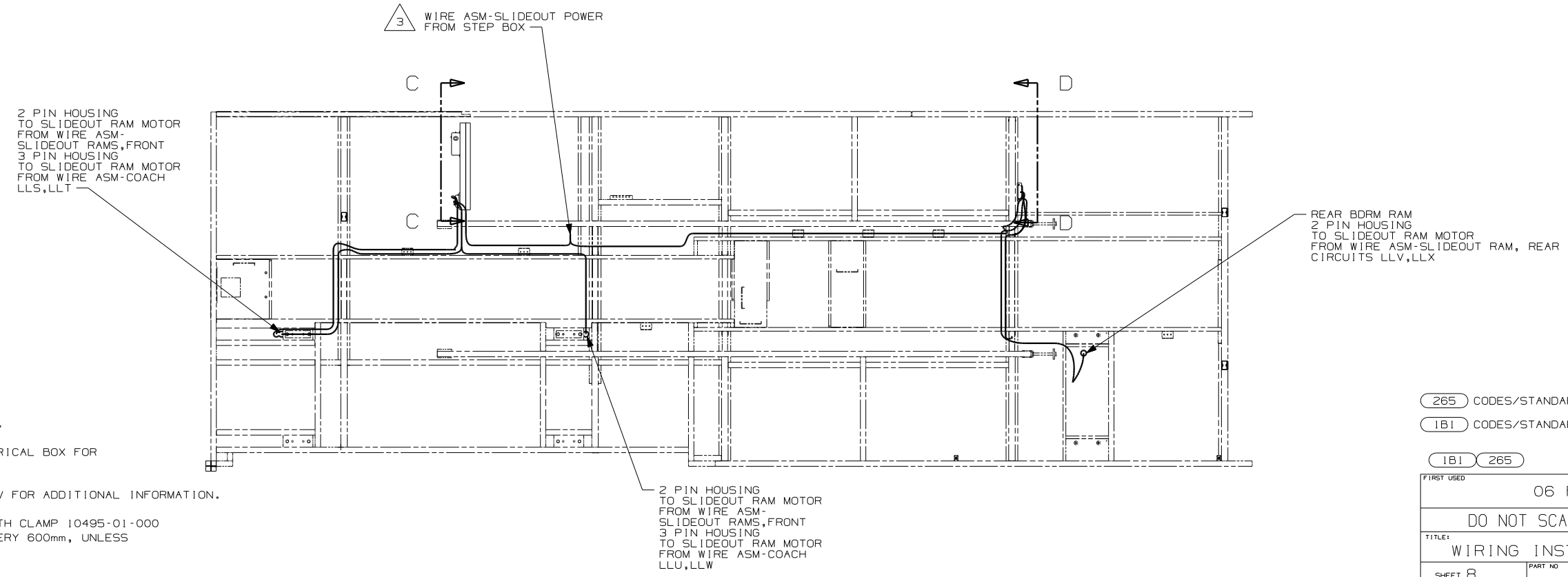
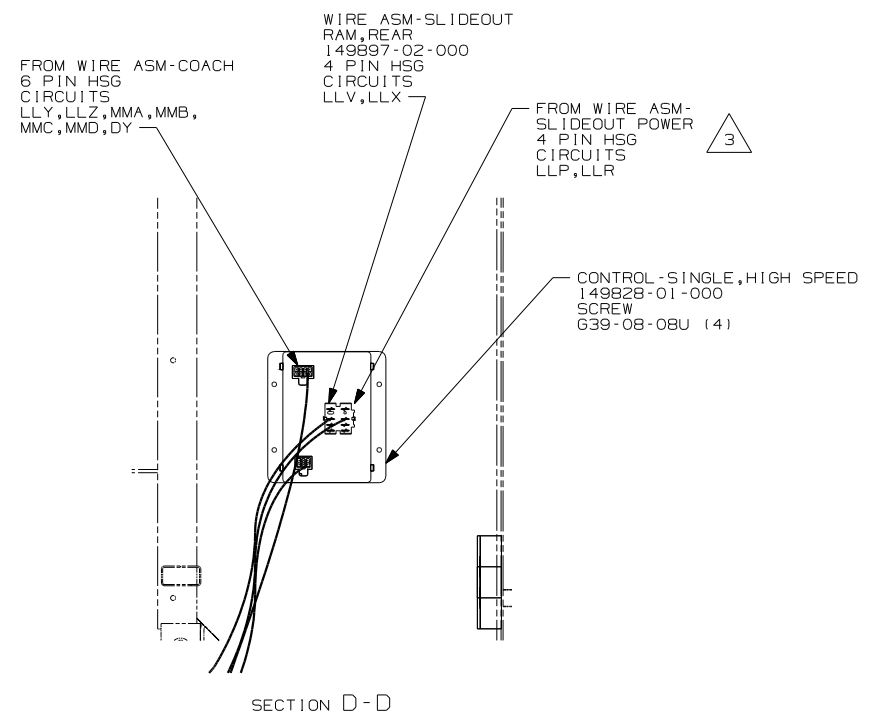
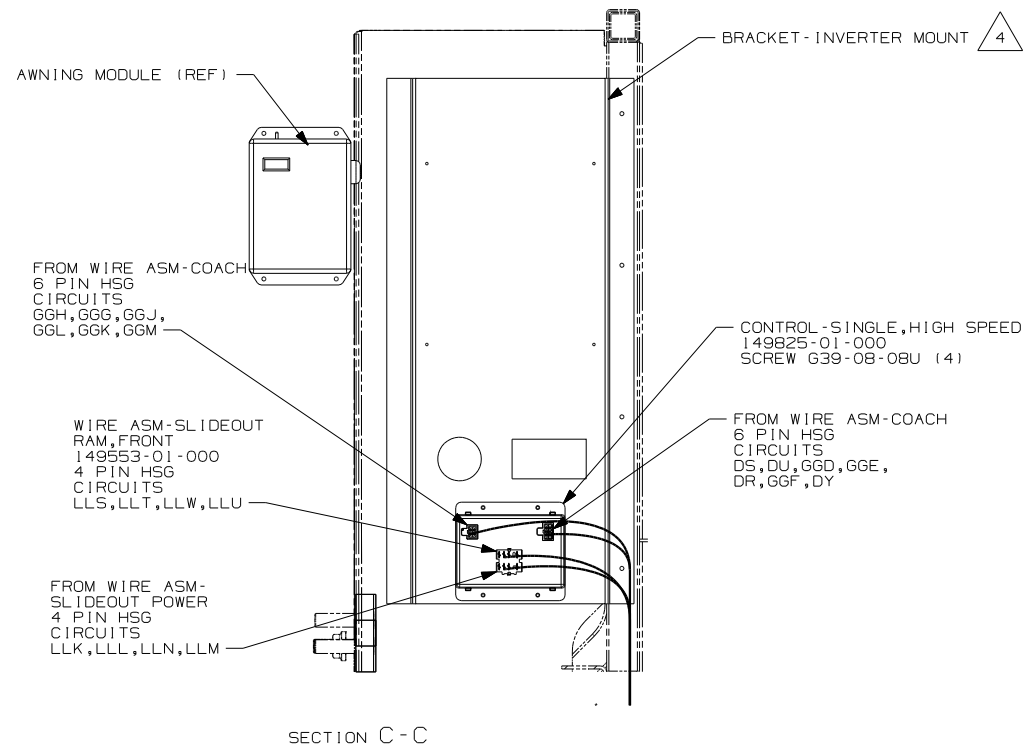
- 78K SATELLITE DISH-AUTOMATIC
- 480 SATELLITE DISH & ELEV.SENSOR
- 290 SOLAR PANEL-10 WATT
- ID5 ENTERTAINMENT CENTR/EXT W/CD
- 265 CODES/STANDARDS - CSA/CMVSS
- 1B1 CODES/STANDARDS - USA

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

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

FIRST USED	06 F31W
DO NOT SCALE DRAWING	
TITLE:	WIRING INSTL-BODY,12V
SHEET 7	PART NO 156234





- 4 SEE WIRING INSTL-BODY 110V FOR ADDITIONAL INFORMATION.
- 3 SEE WIRE ASM-CHASSIS ELECTRICAL BOX FOR ADDITIONAL INFORMATION.
2. SEE WIRING DIAGRAM-BODY, 12V FOR ADDITIONAL INFORMATION.
1. ALL WIRES TO BE CLAMPED WITH CLAMP 10495-01-000 OR WIRE TIE 8343-02-000 EVERY 600mm, UNLESS OTHERWISE SPECIFIED.

NOTES:

265	CODES/STANDARDS-CSA/CMVSS
1B1	CODES/STANDARDS USA
1B1	265

FIRST USED	06 F31W
TITLE	DO NOT SCALE DRAWING
TITLE	WIRING INSTL-BODY, 12V
SHEET 8	PART NO 156234