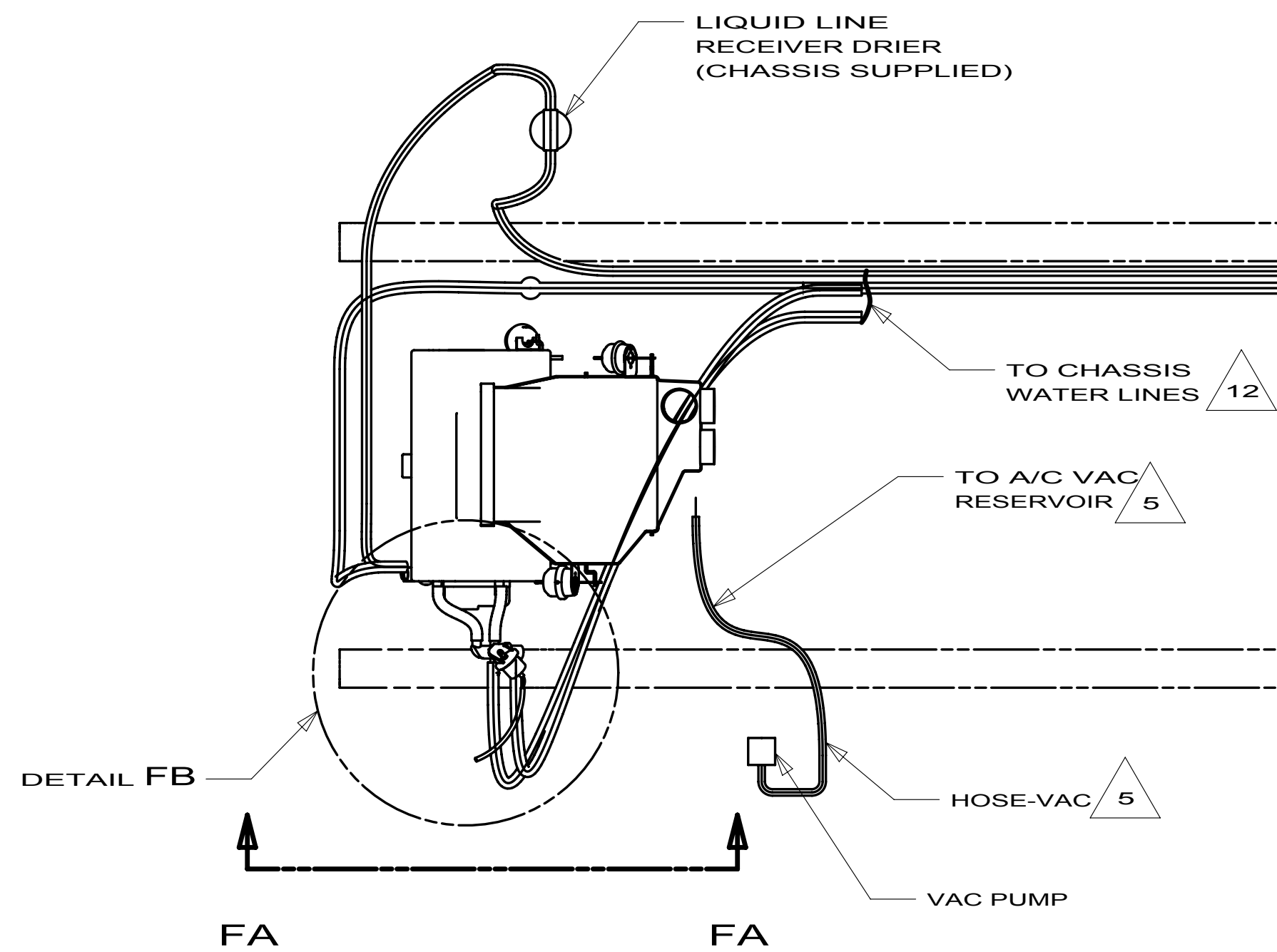
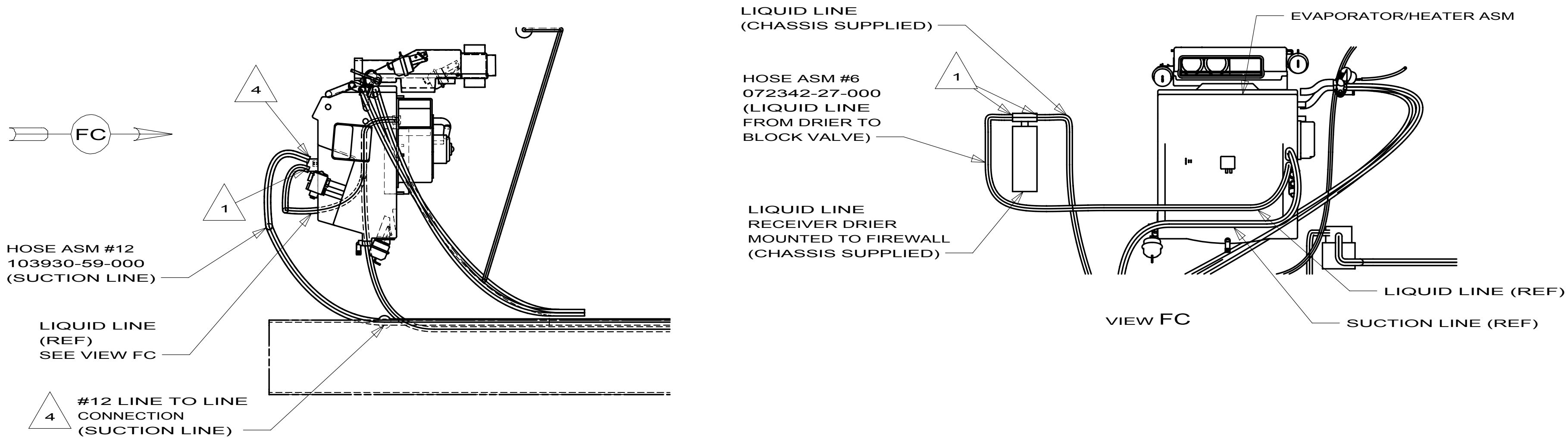




12. SEE MOTORAIID INSTL FOR ADDITIONAL INFORMATION.

11. TORQUE TO 20.0 $\pm$ 3 IN/LBS.

10. TORQUE TO 11-13 FT/LBS

9. WHEN MOTORAIID TUBE CONTACTS ANY CHASSIS COMPONENT THE SHALL BE POTECTED BY CONDUIT 041953-02-000

8. USE ANTIFREEZE 007316-03-000 (A/R)

7. EVACUTE COMPLETE SYSTEM TO 50 MICRONS AND CHECK FOR LEAKS
CHARGE SYSTEM WITH 40OZ $\pm$ 1.8 OZ OF 3122-00-R134A
FREON AND ADD 4 OZ OF REFRIGERANT PAG OIL NO. 104941-02-000

6. LUBRICATE ALL O-RINGS WITH REFRIGERANT OIL.

5. SUPPLIED WITH A/C-HEATER

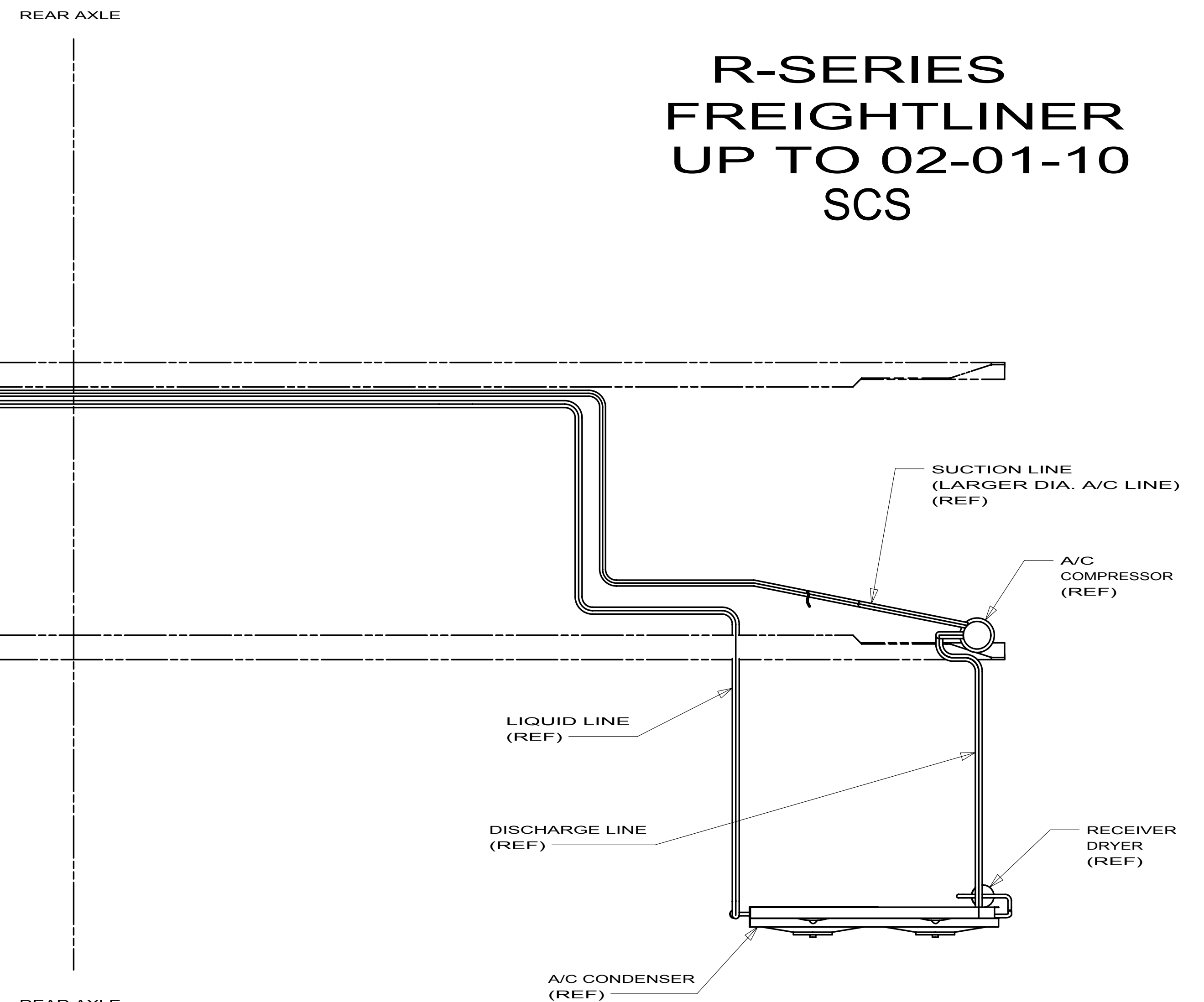
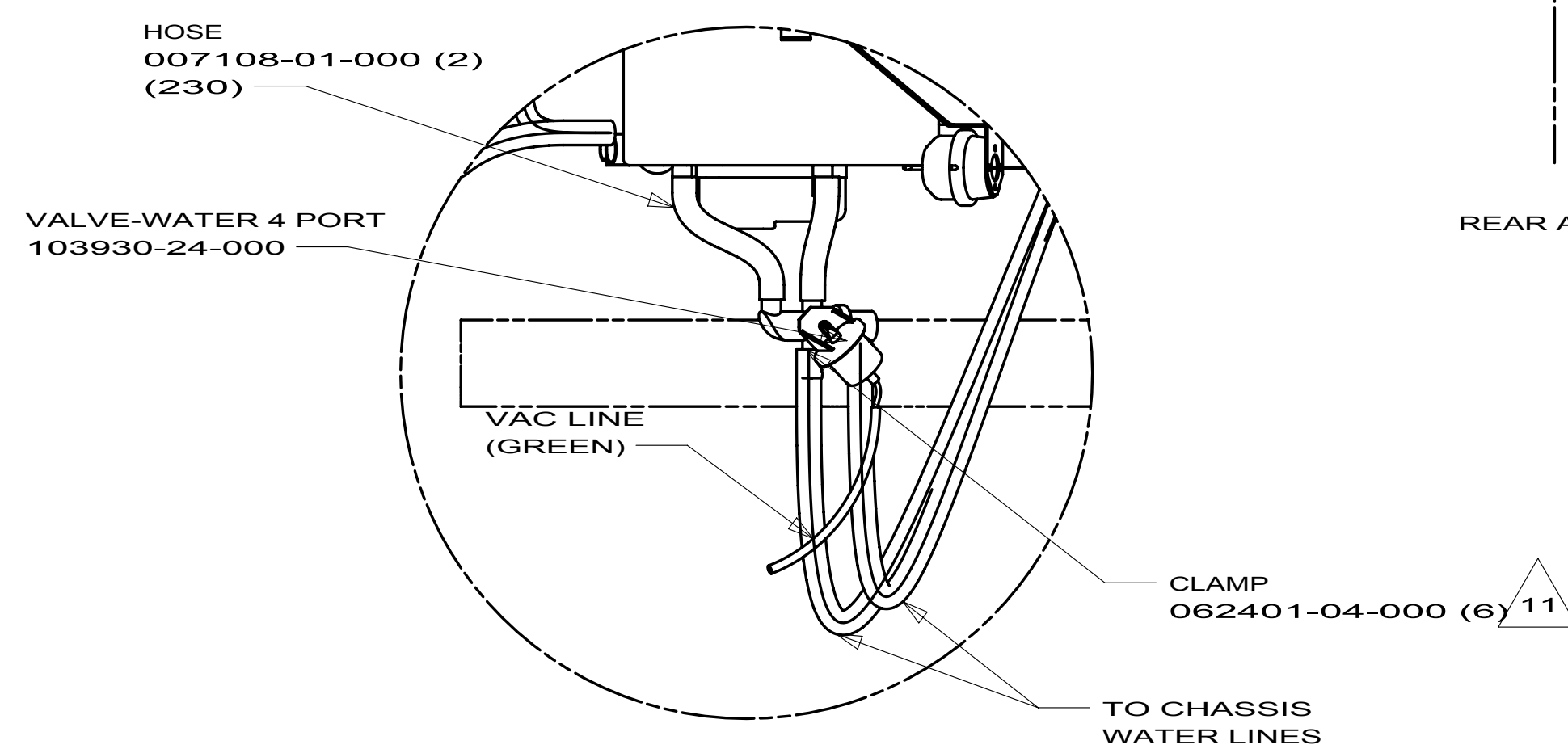
4. TORQUE TO 28-33 FT/LBS

3. LEAVE CAPS ON HOSES UNTIL FINAL CONNECTION IS MADE

2. APPLY GIMP 113452-02-000 OVER ALL SHARP EDGES THAT MAY CROSS HOSES.

1. TORQUE TO 11-13 FT/LBS

NOTES:



1BW WTR HTR-10GL/16OUTPUT/MTRAIID

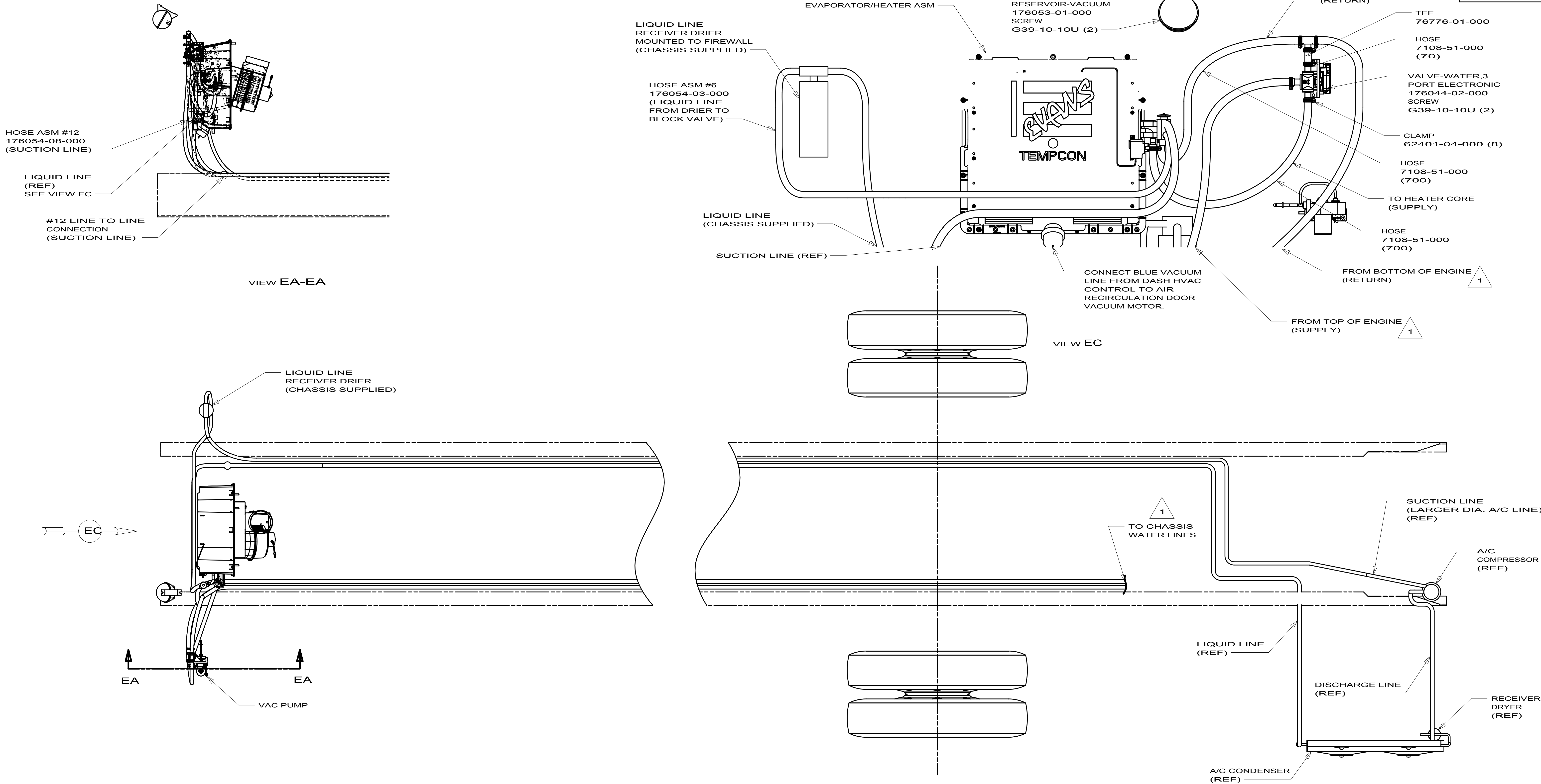
1B2 WTR HTR-10GAL/ELEC/LP/MTRAIID

HEATER-A/C INSTL CHASSIS

4A

169851

11/23/2009



R-SERIES
FREIGHTLINER
(AFTER 02-02-10)
EVANS

7. WHEN MOTOROID TUBE CONTACTS ANY CHASSIS COMPONENT THE SHALL BE POCETED BY CONDUIT 41953-02-000
6. USE ANTIFREEZE 7316-03-000 (A/R)
5. ADD 4 OZ OF PAG REFRIGERANT OIL P/N 104941-02-000 IN LIQUID LINE. EVACUATE COMPLETE SYSTEM TO 50 MICRONS AND CHARGE SYSTEM WITH R134A REFRIGERANT P/N 3122-03-000. SEE ENGINEERING SPECIFICATION ES0083 FOR REFRIGERANT CHARGE AND REFRIGERANT LINE TORQUE VALUES.
4. LUBRICATE ALL O-RINGS WITH REFRIGERANT OIL.
3. LEAVE CAPS ON HOSES UNTIL FINAL CONNECTION IS MADE
2. APPLY GIMP 113452-02-000 OVER ALL SHARP EDGES THAT MAY CROSS HOSES.
1. SEE MOTOROID INSTL FOR ADDITIONAL INFORMATION.

- 1BW WTR HTR-10GL/16OUTPUT/MTRAIID
- 1B2 WTR HTR-10GAL/ELEC/LP/MTRAIID

FIRST USED		
10 R/S-SERIES FL		
DO NOT SCALE DRAWING		
TITLE: HEATER-A/C INSTL CHASSIS		
SHEET 4B	PART NO 169851	REV

KEY	PART NUMBER	U/M DESCRIPTION	072342-17-000 VENDOR NO.
	072342-12-701	EA HOSE ASM #8 CONDENSER/COMP	085-0142
	113245-01-707	EA O'RING #8	045-0126

KEY	PART NUMBER	U/M DESCRIPTION	072342-26-000 VENDOR NO.
	072342-26-700	EA SWITCH-BINARY W/PACKARD CONN	032-00384
	072342-26-701	EA HOSE ASM. - #6 DRIER/EVAP	085-00623
	103930-01-716	EA SWITCH-PRESSURE/COND. FAN	032-0036
	113245-01-711	EA O'RING #6	045-0129

KEY	PART NUMBER	U/M DESCRIPTION	072342-27-000 VENDOR NO.
	072342-27-700	EA HOSE - #6 DRIER/EVAPORATOR	085-00622
	103930-01-716	EA SWITCH-PRESSURE/COND. FAN	032-0036
	103930-12-708	EA SWITCH-BINARY-HI/LOW CUTOUT	032-00048
	103930-12-709	EA FITTING-QUICK CONNECT	050-0120
	110279-02-702	EA O'RING #12	045-0125
	113245-01-711	EA O'RING #6	045-0129

R-SERIES UP TO 02-01-10 SCS

OUTLET-DEFROSTER
157225-01-CHT
SCREW
G55-08-12U (2)

HOSE
7281-01-000
(1143)
SCREW
G71-08-08T (4)

HOSE
7076-01-000
(1140)
SCREW
G71-08-08T (4)

VENT
146504-01-CHT

VENT
146505-01-CHT

HOSE
7076-01-000
(1220)
SCREW
G71-08-08T (4)

HOSE
7076-01-000
(890)
SCREW
G71-08-08T (4)

HOSE ASM-CONDENSATE DRAIN
103930-72-000

VENT
146505-01-CHT

HOSE
7281-01-000
(1143)
SCREW
G71-08-08T (4)

EVAP,HEATER ASM
103930-55-CHT

PLENUM-DEFROSTER
(REF)

51.4

CONTROL/PLENUM SET
(REF)

PLENUM-TRANSITION
134275-01-CHT

SECTION EA-EA

OUTLET-DEFROSTER
157225-01-CHT
SCREW
G55-08-12U (2)

OUTLET-DEFROSTER
157225-01-CHT
SCREW
G55-08-12U (2)

OUTLET-DEFROSTER
157225-01-CHT
SCREW
G55-08-12U (2)

VENT
146504-01-CHT

HOSE
7281-01-000
(1524)
SCREW
G71-08-08T (4)

HOSE
7076-01-000
(890)
SCREW
G71-08-08T (4)

HOSE
7076-01-000
(510)
SCREW
G71-08-08T (4)

VENT
146504-01-CHT

HOSE
7281-01-000
(900)
SCREW
G71-08-08T (4)

VENT
146504-01-CHT

HOSE
7281-01-000
(660)SCREW
G71-08-08T (4)

CONTROL/PLENUM SET
103930-65-000

VENT
146504-01-CHT

HOSE
7076-01-000
(1140)
SCREW
G71-08-08T (4)

HOSE
7281-01-000
(1143)
SCREW
G71-08-08T (4)

EA

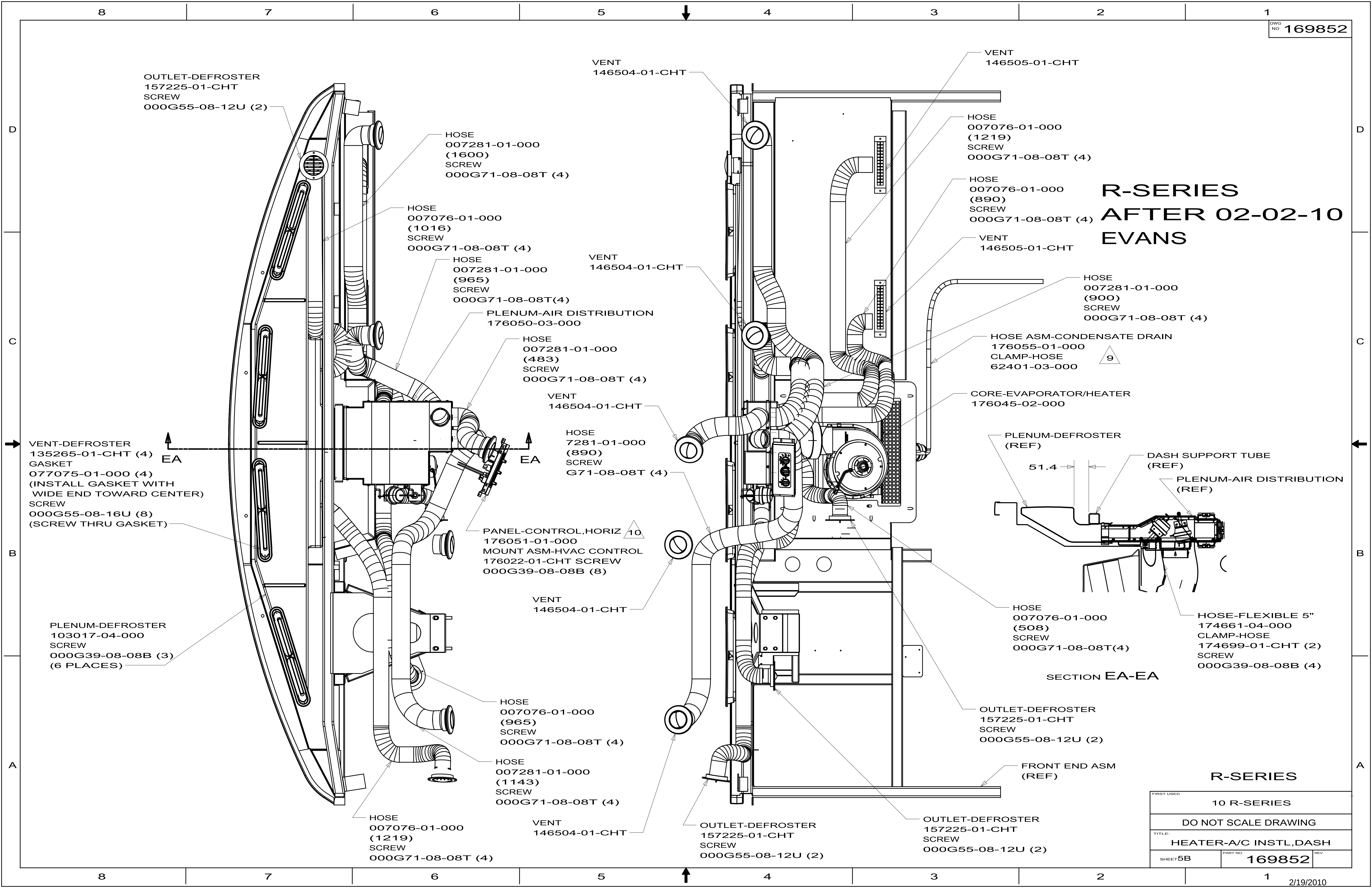
EA

PLENUM-DEFROSTER
103017-04-000
SCREW
G39-08-08B (3)
(6 PLACES)

VENT-DEFROSTER
135265-01-CHT (4)
GASKET
77075-01-000 (4)
(INSTALL GASKET WITH
WIDE END TOWARD CENTER)
SCREW
G55-08-16U (8)
(SCREW THRU GASKET)

FIRST USED		
10 R-SERIES		
DO NOT SCALE DRAWING		
TITLE: HEATER-A/C INSTL,DASH		
SHEET 5A	PART NO 169852	REV

R-SERIES AFTER 02-02-10 EVANS



R-SERIES

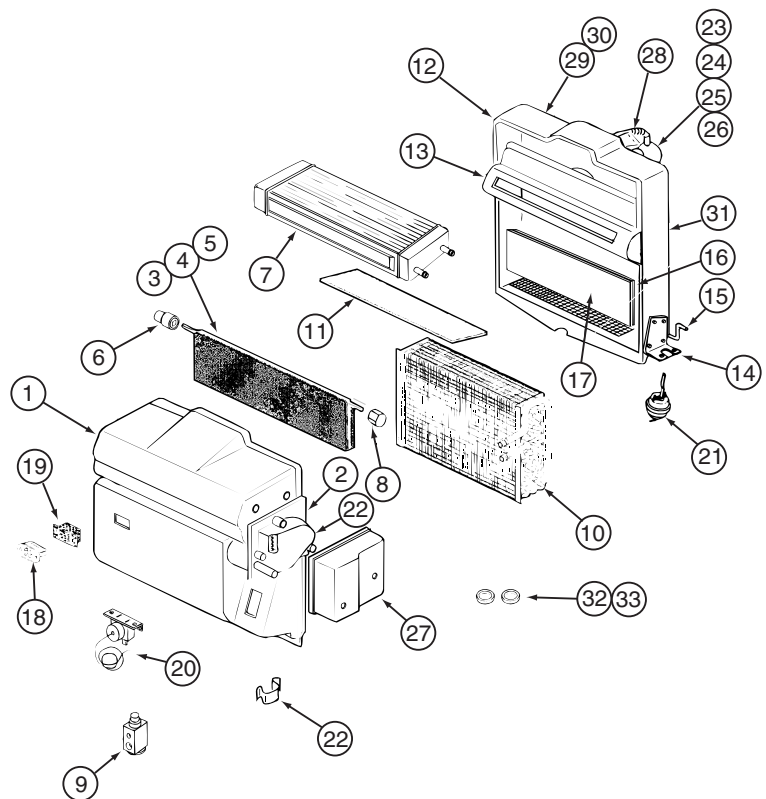
FIRST USED		
10 R-SERIES		
DO NOT SCALE DRAWING		
TITLE: HEATER-A/C INSTL,DASH		
SHEET 5B	PART NO 169852	REV

KEY	PART NUMBER	U/M DESCRIPTION
	103930-17-702	EA O'RING #10
	103930-51-700	EA HOSE - #12 EVAP/COMP - 41.5'

103930-51-000
VENDOR NO.
045-0127
085-0490

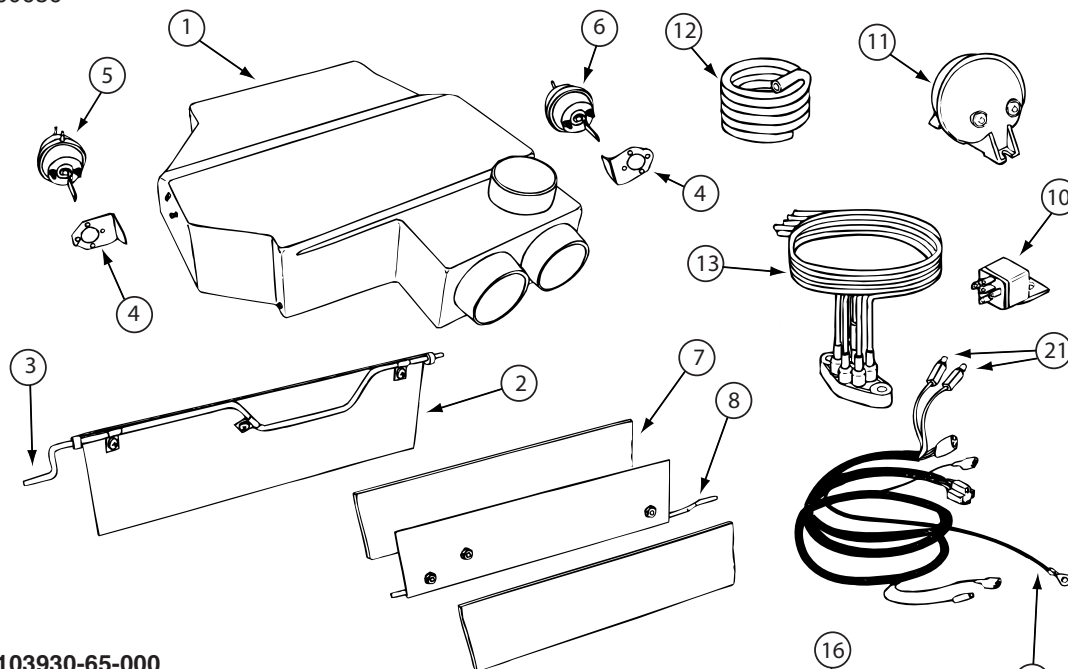
KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
1	103930-55-701	EA CASE - FRONT	062-0658
2	103930-30-701	EA PLATE - MOTOR MOUNT	062-0544
3	103930-55-705	EA DOOR - BLEND AIR	071-0892
6	103930-30-702	EA BUSHING/DRIVE (BLEND DOOR)	062-0168
7	103930-55-706	EA CORE - HEATER - W/GASKET	084-0271
8	103930-30-709	EA COUPLING - BLEND DOOR SHAFT	062-0634
9	103930-20-700	EA VALVE-EXPANSION-BLOCK, 2 TON	034-0032
10	103930-55-700	EA CORE-EVAPORATOR	041-00168
12	103930-55-702	EA CASE-REAR	062-0657
14	103930-01-708	EA BRACKET-VACUUM MOTOR	070-0113
15	103930-20-704	EA ROD-DOOR-RECIRCULATING	073-0018
16	103930-55-707	EA DOOR - RECIRCULATION	071-0891
18	103930-01-710	EA RESISTOR-FUSED, A/C 4 TERM	035-0006
20	103930-01-711	EA THERMOSTAT	033-0003
21	103930-02-708	EA MOTOR-VACUUM SERVO, A/C	030-0025
22	103930-30-703	EA MOTOR - SERVO	030-0104
23	103930-20-707	EA HOUSING-BLOWER	062-0145
24	103930-55-703	EA MOTOR - BLOWER W/O PIGTAIL	030-0137
25	103930-01-717	EA WHEEL-BLOWER, CLOCKWISE	062-0010
26	103930-20-708	EA CLIP-MOTOR SHAFT	022-0001
27	103930-30-704	EA COVER - SERVO	062-0545
32	113245-01-707	EA O'RING #8	045-0126
33	103930-17-702	EA O'RING #10	045-0127
	103930-55-704	EA CORE-HEATER	042-0059
	110279-01-703	EA HOSE-VENT F/BLOWER MOTOR	051-0034
CONTACT WINNEBAGO PART SALES FOR UNLISTED COMPONENT(S)			

KEY	PART NUMBER	U/M DESCRIPTION	VENDOR NO
	103930-17-702	EA O'RING #10	045-0127
	103930-59-700	EA HOSE - A/C-#12EVAP/COMP 80"	085-0574
	113245-01-710	EA O'RING, #12	045-0128



KEY	PART NUMBER	U/M DESCRIPTION
	103930-17-702	EA O'RING #10
	103930-64-700	EA HOSE - #10 EVAP/COMP

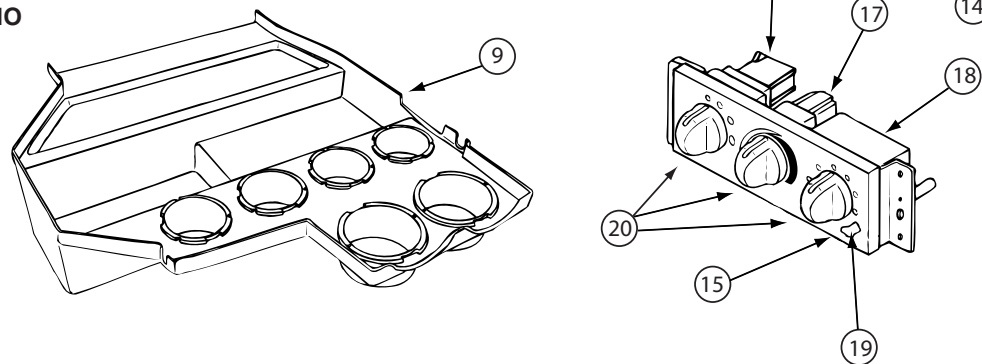
103930-64-000
VENDOR NO
045-0127
085-00636

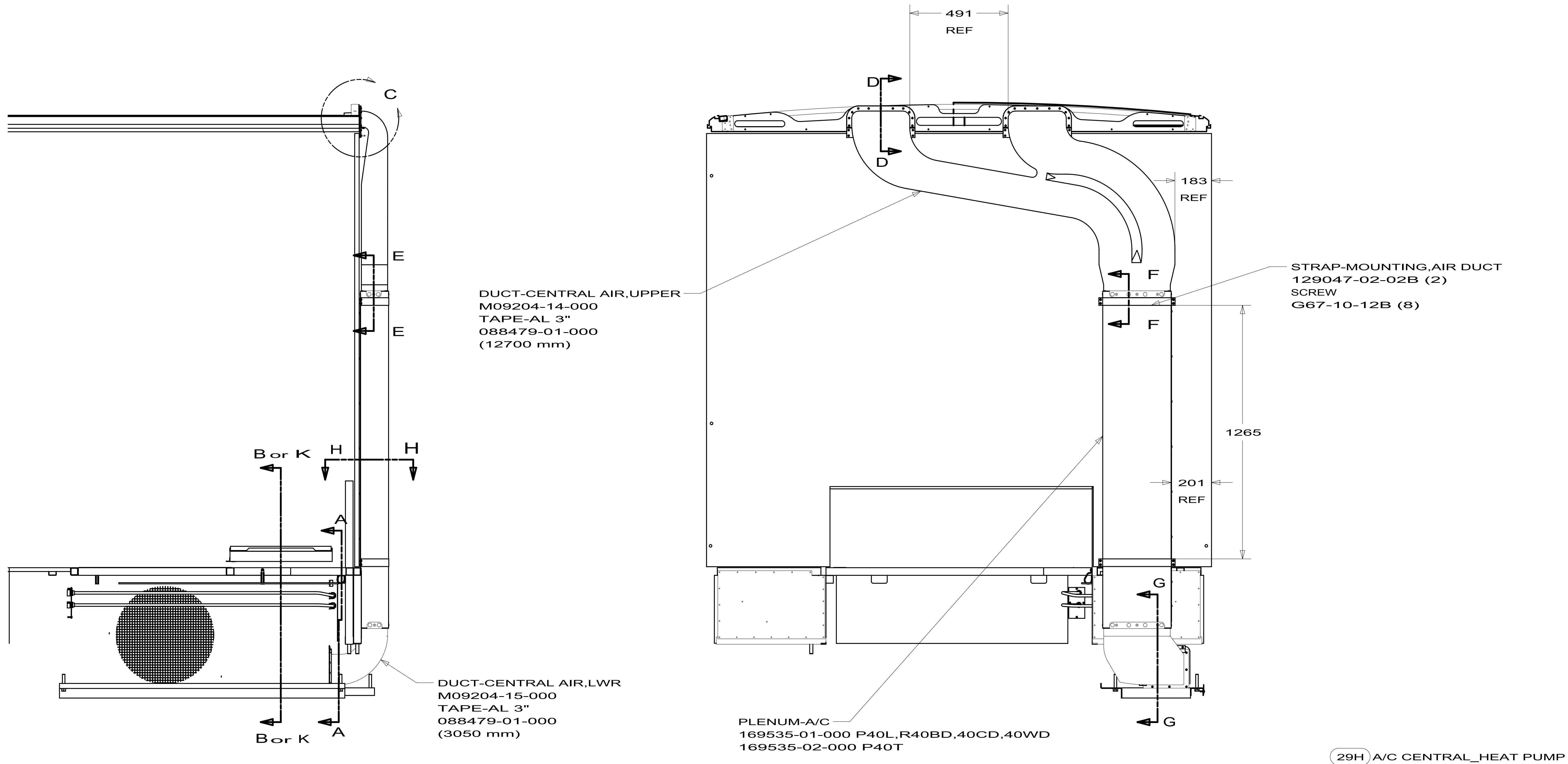


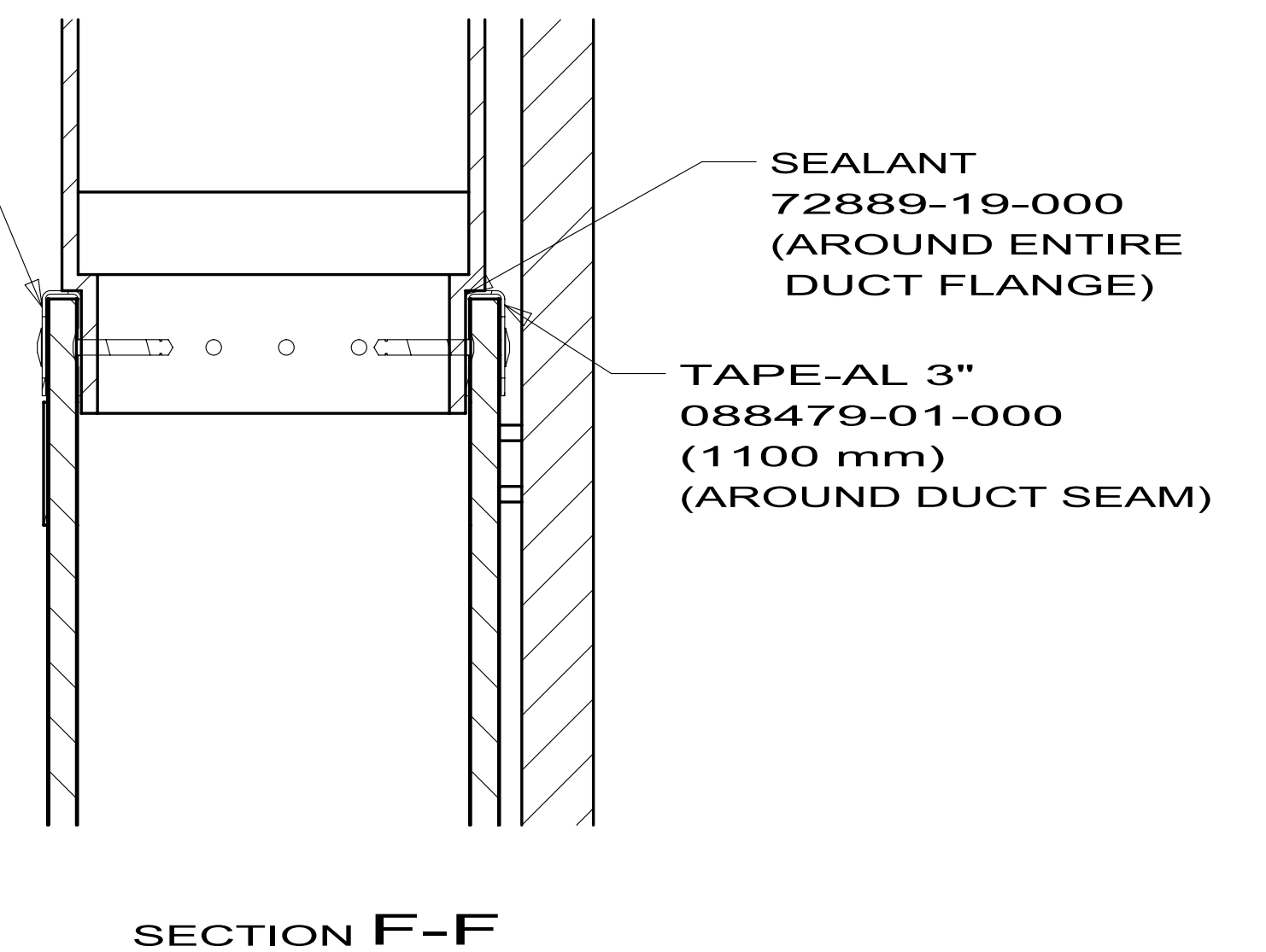
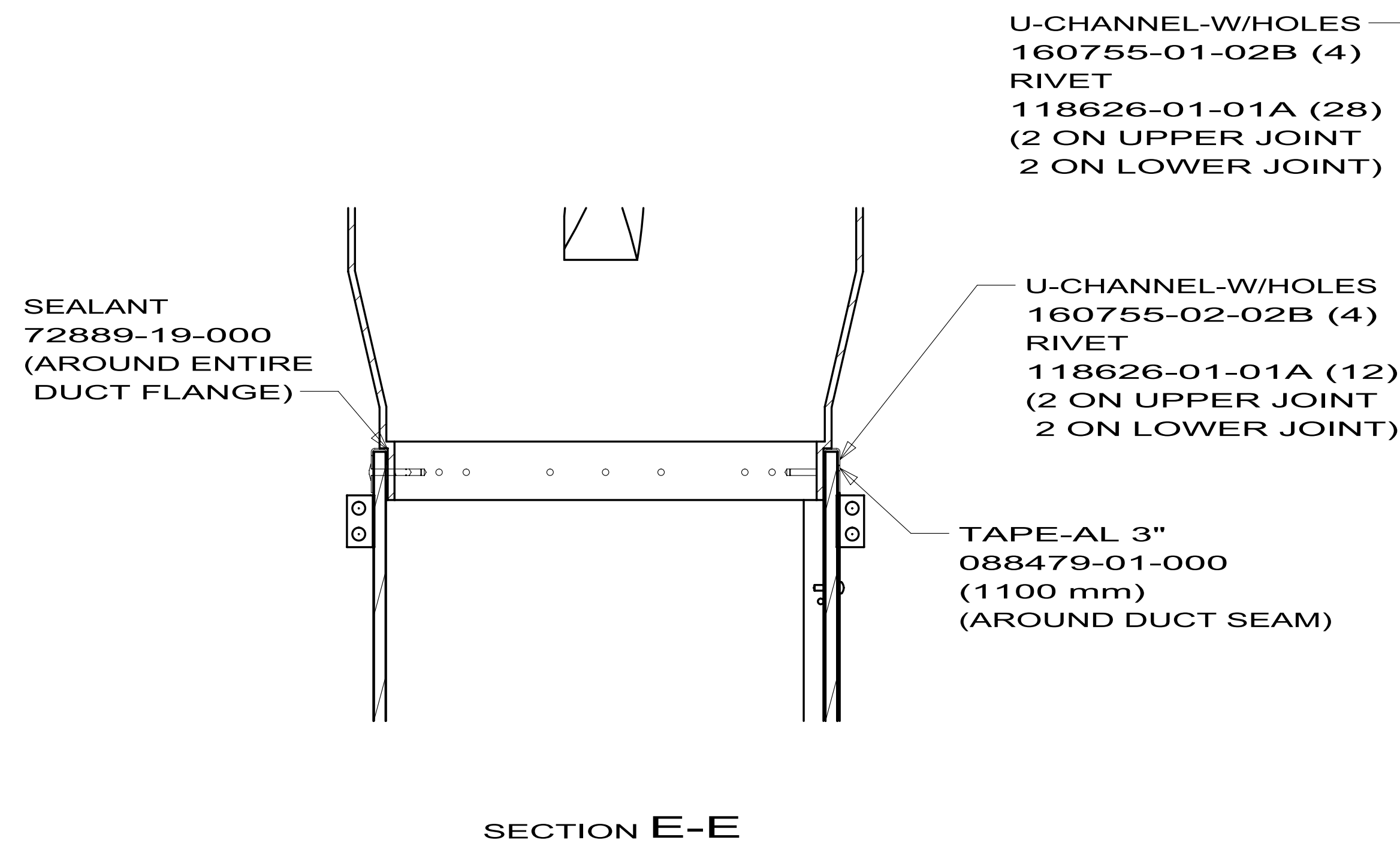
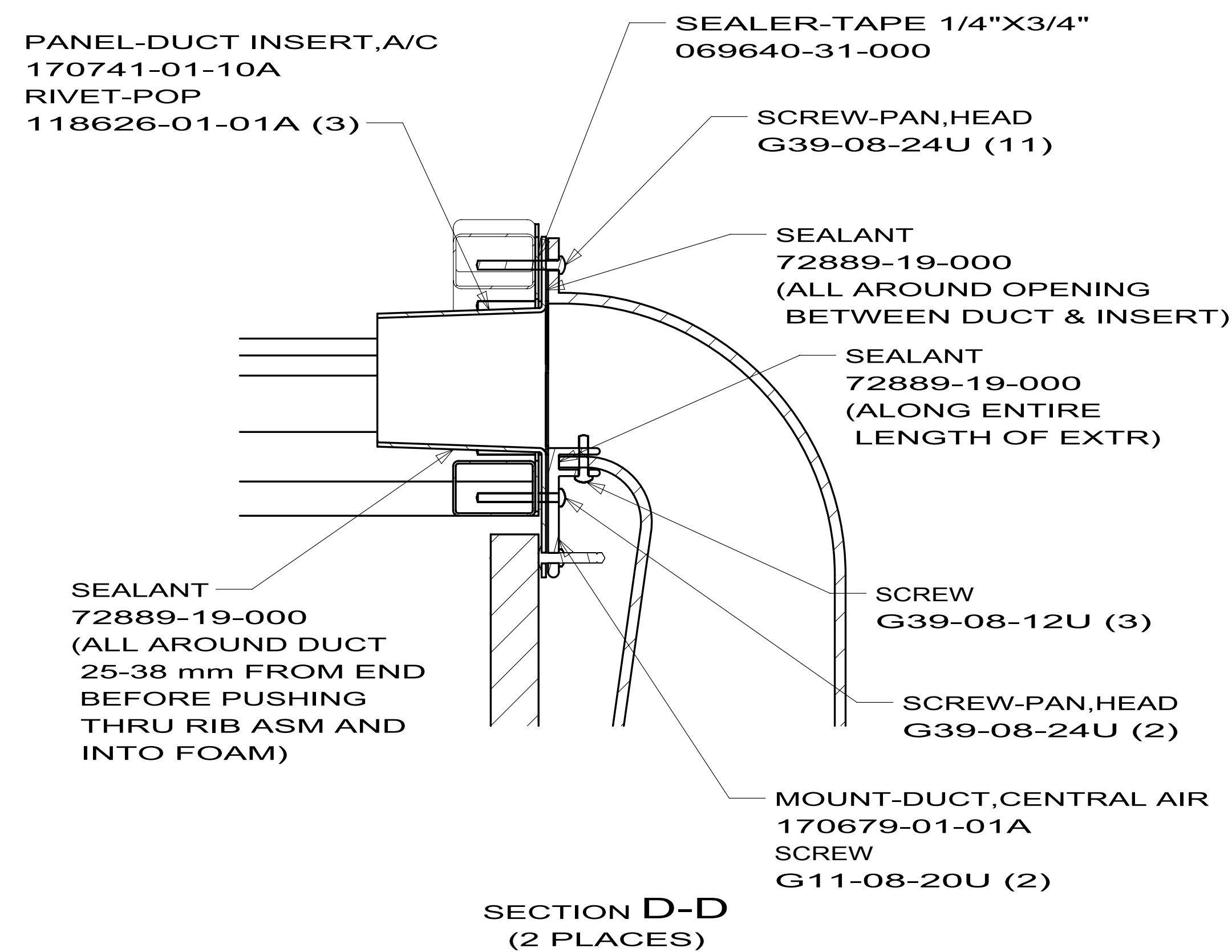
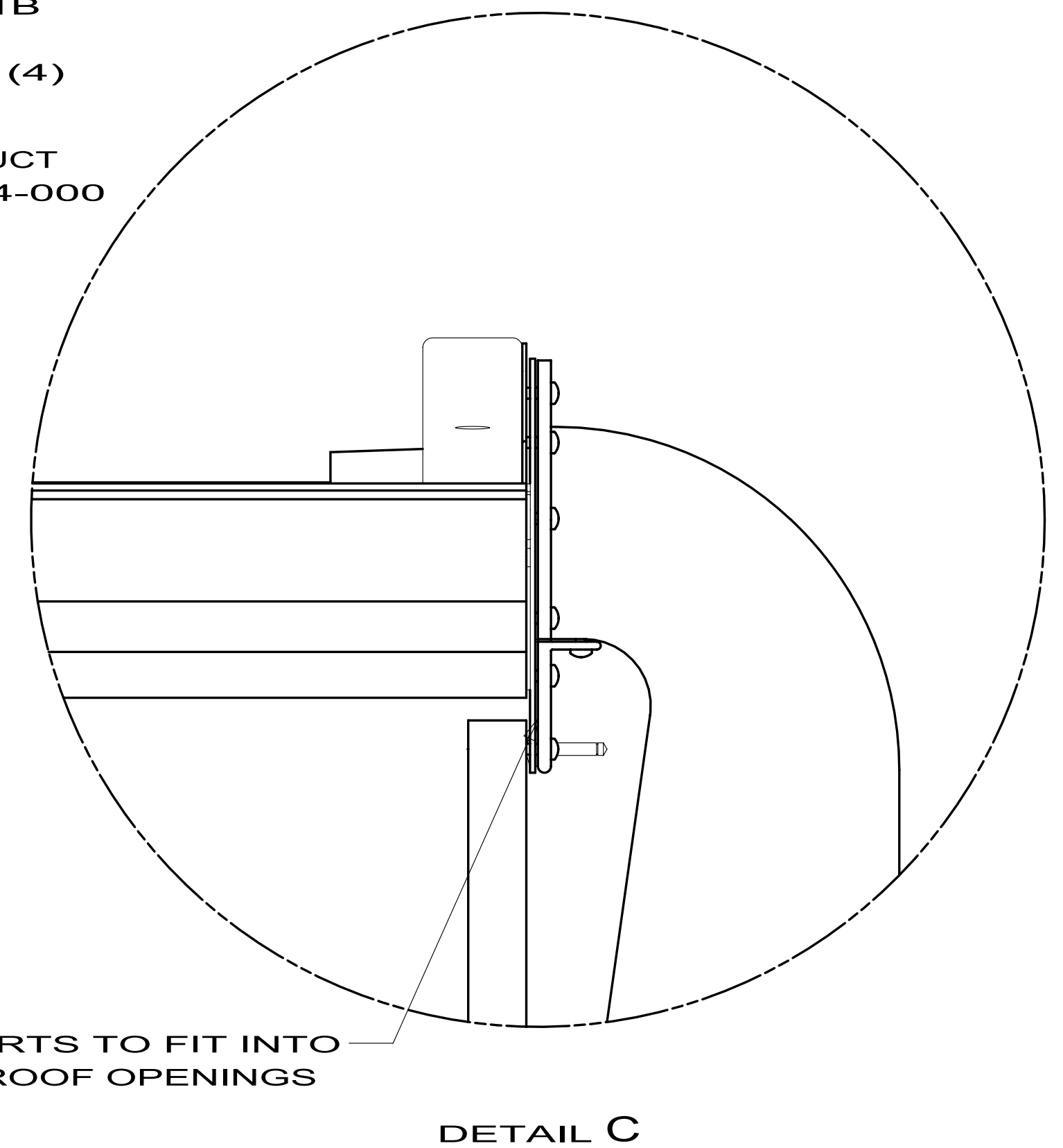
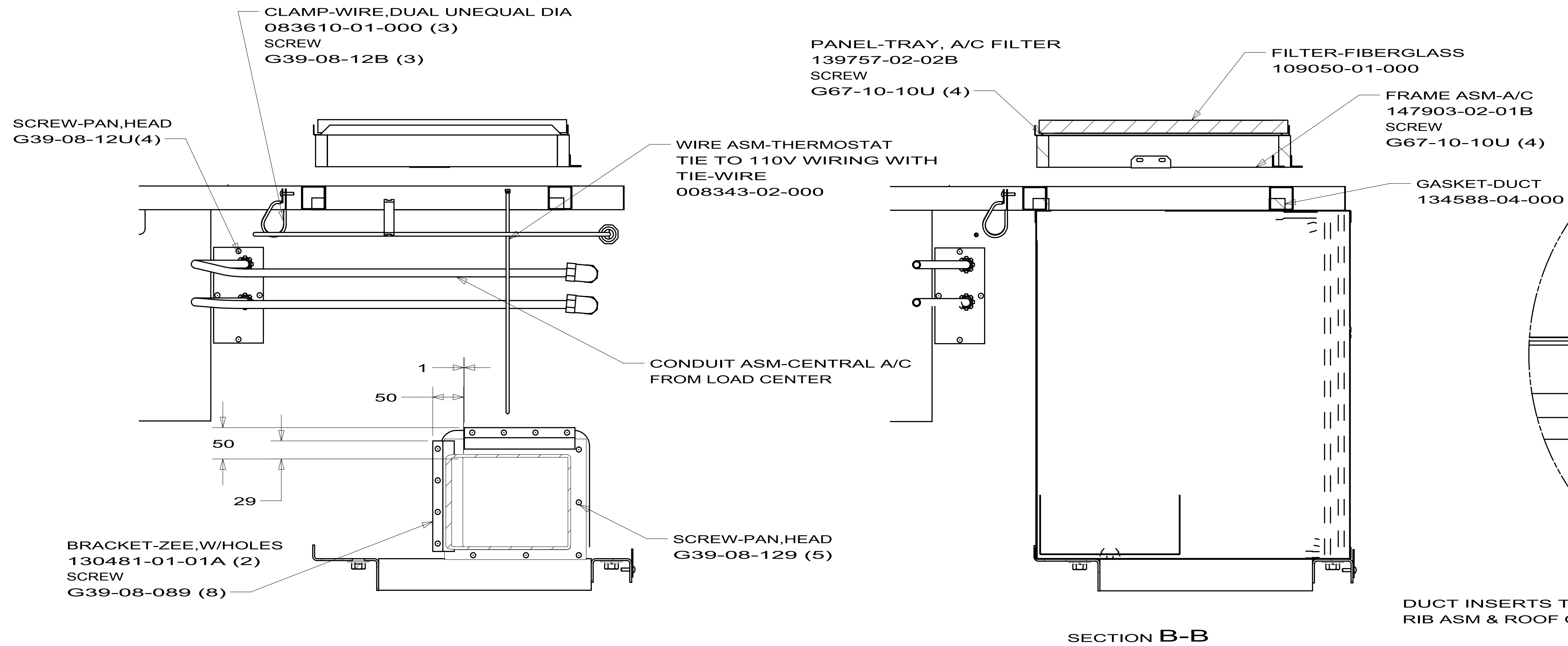
KEY	PART NUMBER	U/M DESCRIPTION
1	103930-65-700	EA PLENUM - TOP
2	103930-58-701	EA DOOR/DIVERTOR - DEFROSTER
3	103930-58-702	EA ROD - DEFROSTER DIVERTOR DR
4	103930-65-703	EA BRACKET-VACUUM MOTOR
5	103930-33-701	EA MOTOR - VACUUM, 3 STAGE
6	103930-02-708	EA MOTOR-VACUUM SERVO, A/C
7	103930-58-703	EA DOOR/DIVERTOR - A/C-HEAT
8	103930-58-704	EA ROD - A/C-HEAT DOOR
9	103930-65-701	EA PLENUM - BOTTOM
10	103930-02-707	EA RELAY-BOSCH W/RESISTER
11	103930-02-710	EA CANISTER-VACUUM
13	103930-33-703	EA VACUUM HARNESS
14	103930-49-701	EA HARNESS - WIRE W/BULBS
16	103930-49-704	EA SWITCH - BLOWER
17	103930-49-705	EA POTENTIOMETER
18	103930-49-706	EA SWITCH - VACUUM
19	103930-49-707	EA DECAL CONTROL PANEL-N/RECESS
20	103930-61-706	EA KNOB - CONTROL

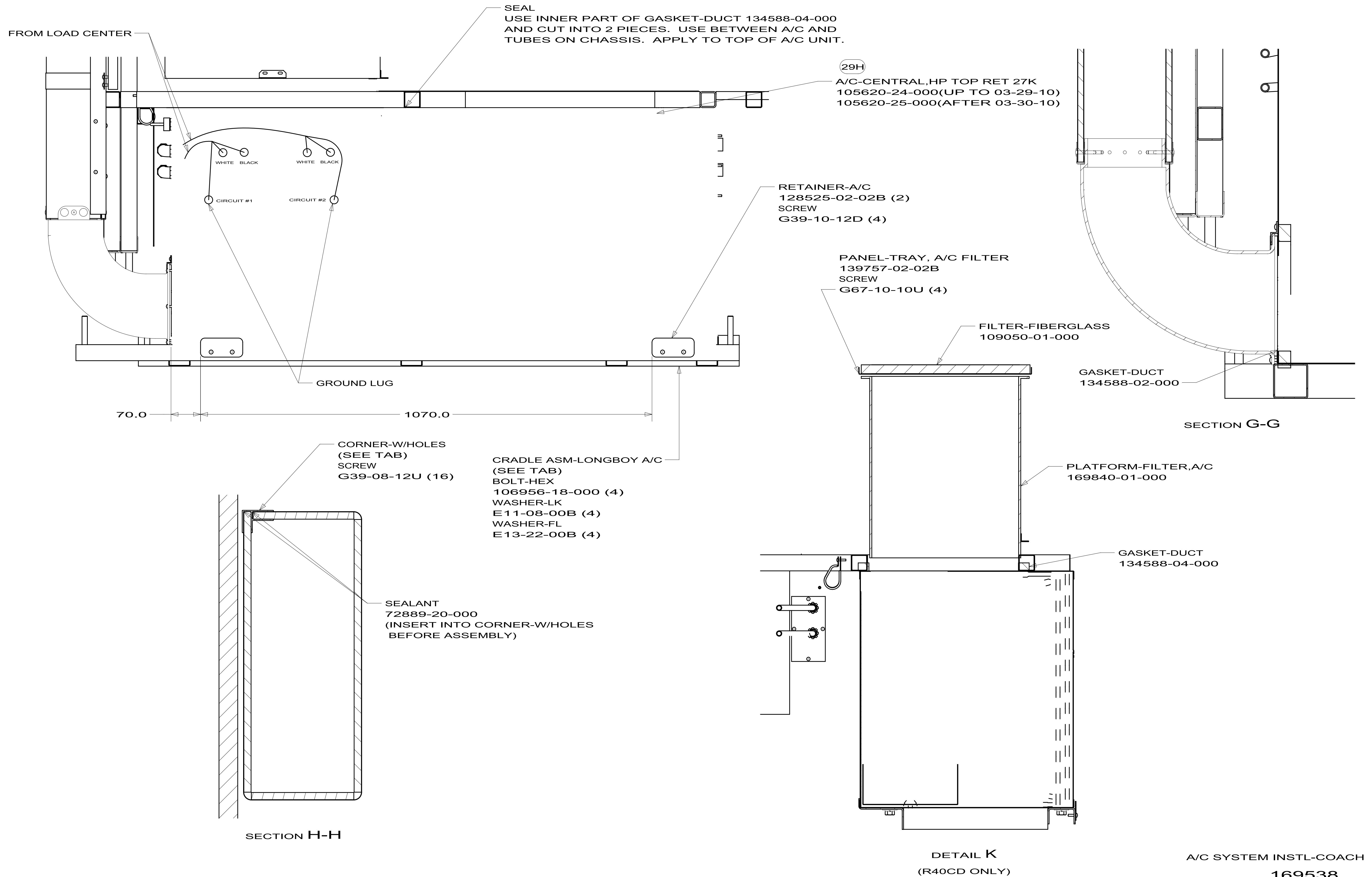
103930-65-000
VENDOR NO

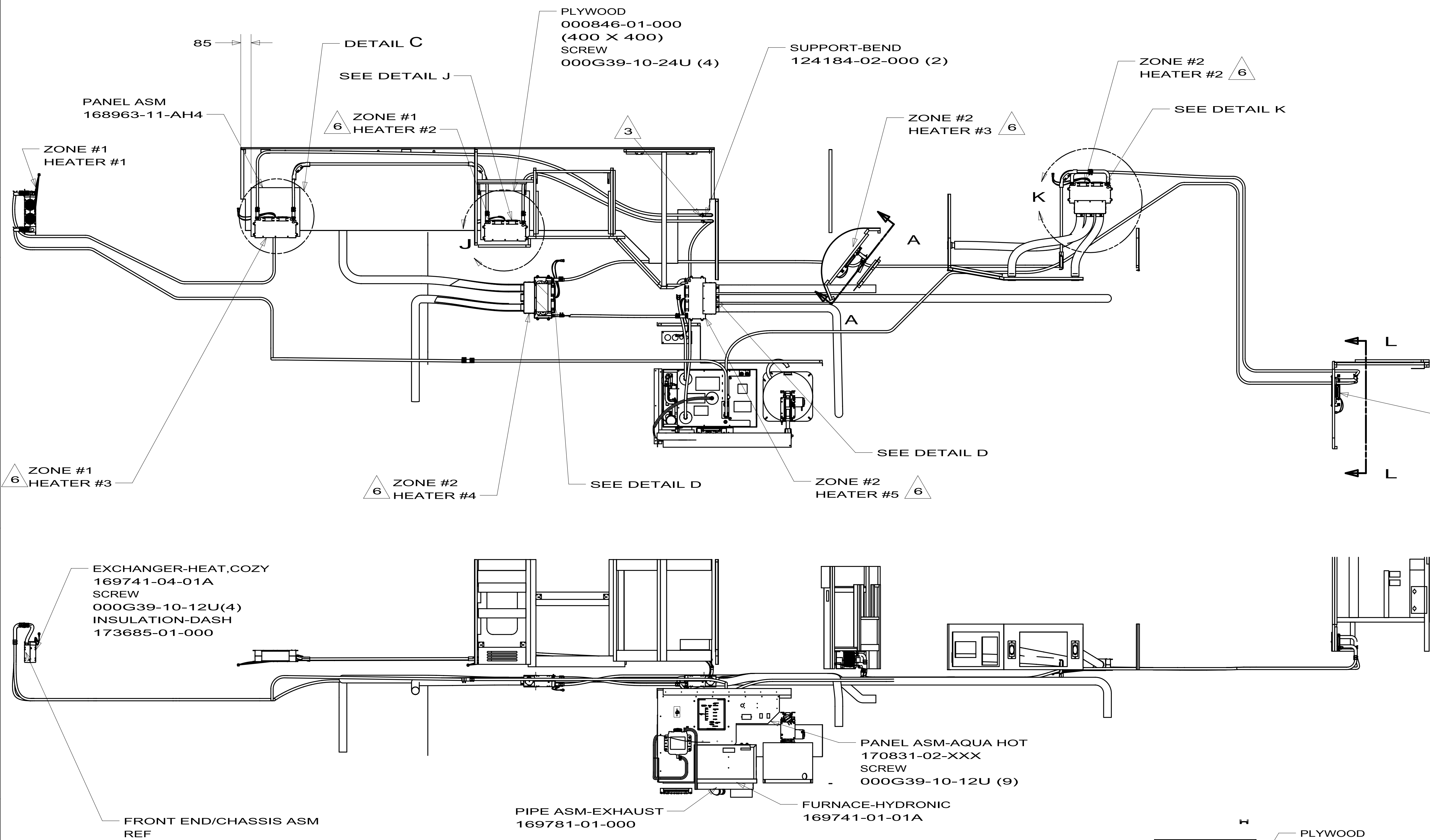
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073-0080
070-00782
030-0105
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071-0930
073-0079
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032-0332
032-0182
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062-00723





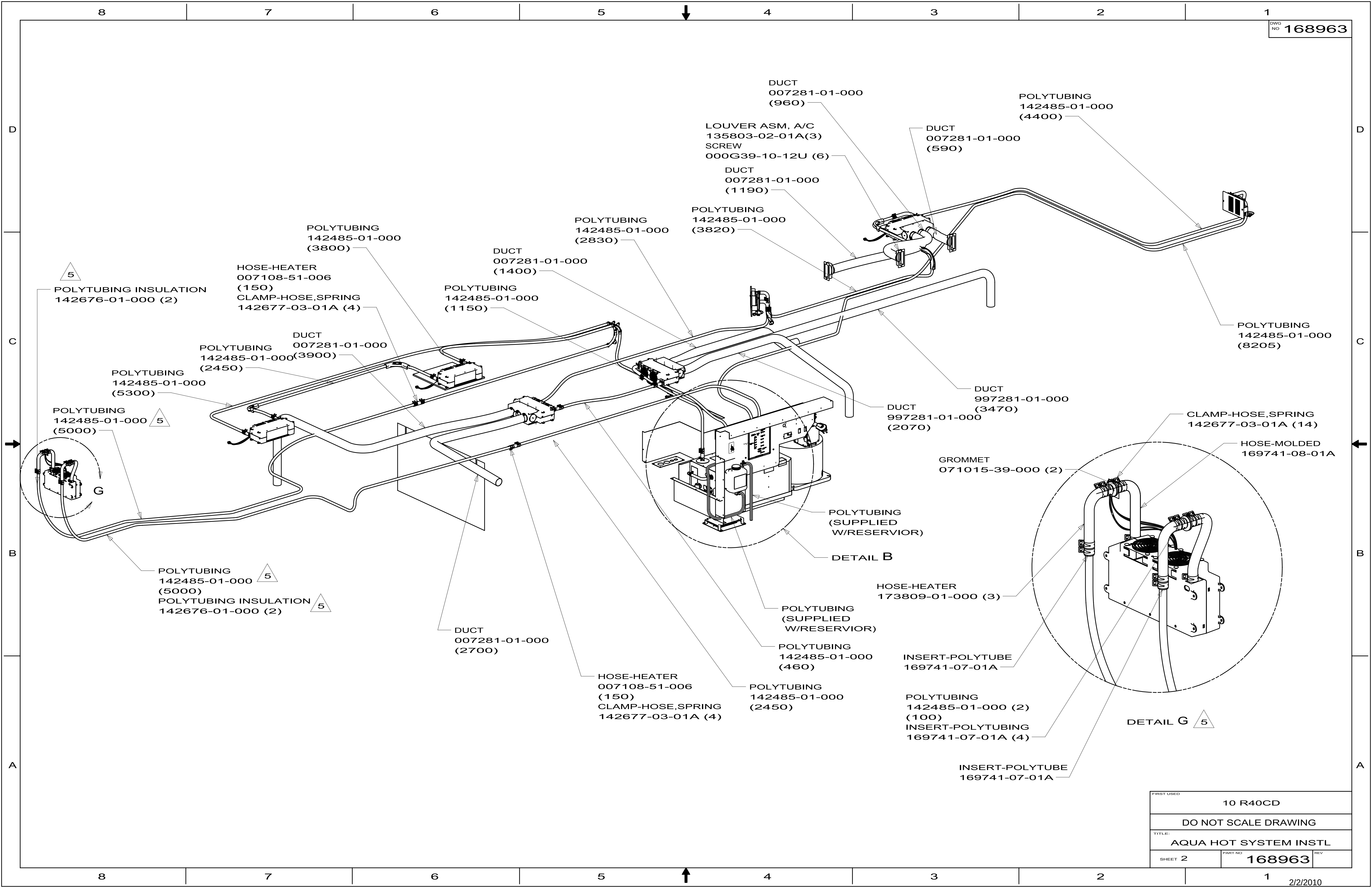




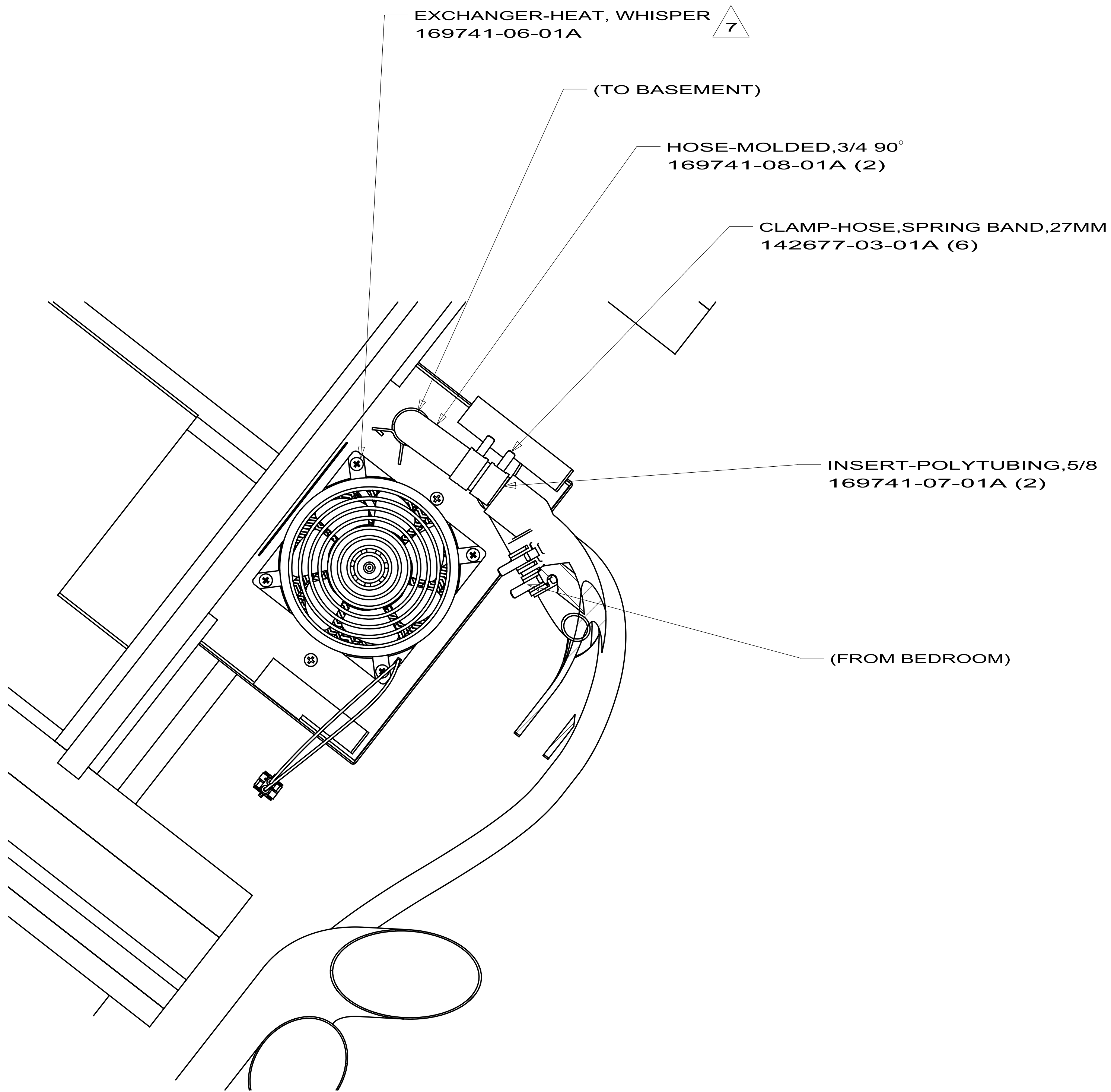


- NOTES:
1. ALL TUBING TO BE SECURED AT 1200 INTERVALS MAX. WITH CLAMP 010495-01-000 AND SCREW 000G67-10-12U OR EQUIVALENT
 2. SYSTEM REQUIRES 8 GAL. OF A 50/50 MIX OF DISTILLED WATER AND COOLANT#170111-01-000.
 3. COVER TUBING WITH CONVOLUTE #041953-12-000 WHERE THEY COME INTO CONTACT WITH WATER LINES.
 4. POSITION SPRING CLAMPS OVER TOP OF INSERT TO PREVENT TUBING FROM COLLAPSING.
 5. INSTALLED IN CHASSIS WELD.
 6. ON ALL HEATERS THE BOTTOM FITTING IS THE INLET AND TOP FITTING IS THE OUTLET.
 7. REMOVE BRACKETS AND SCREW HEATER TO FRONT OF CABINET.

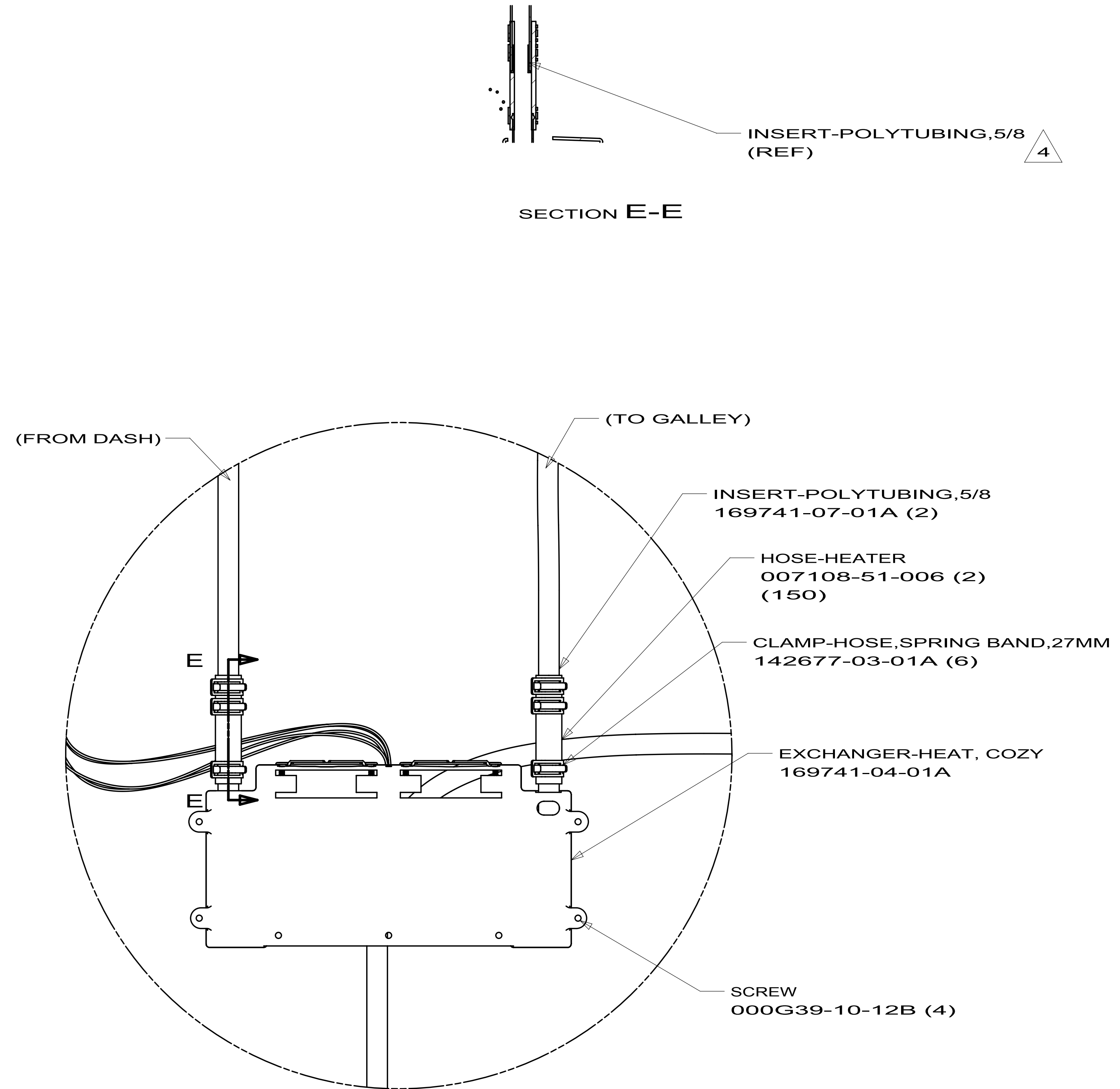
WINNEBAGO INDUSTRIES		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
DFTR	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHGR			
P.E.			
M.E.	FIRST USED		
DSNR	10 R40CD		
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X) : 3			
ONE-PLACE (X.X) : 1.5			
TWO-PLACE (X.XX) : 0.50			
ANGLE : 1°			
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING			
TITLE: AQUA HOT SYSTEM INSTL			
SHEET 1 OF 8	PART NO	168963	REV
REF:		1	2/2/2010



FIRST USED			10 R40CD
DO NOT SCALE DRAWING			
TITLE:			AQUA HOT SYSTEM INSTL
SHEET 2	PART NO	168963	REV

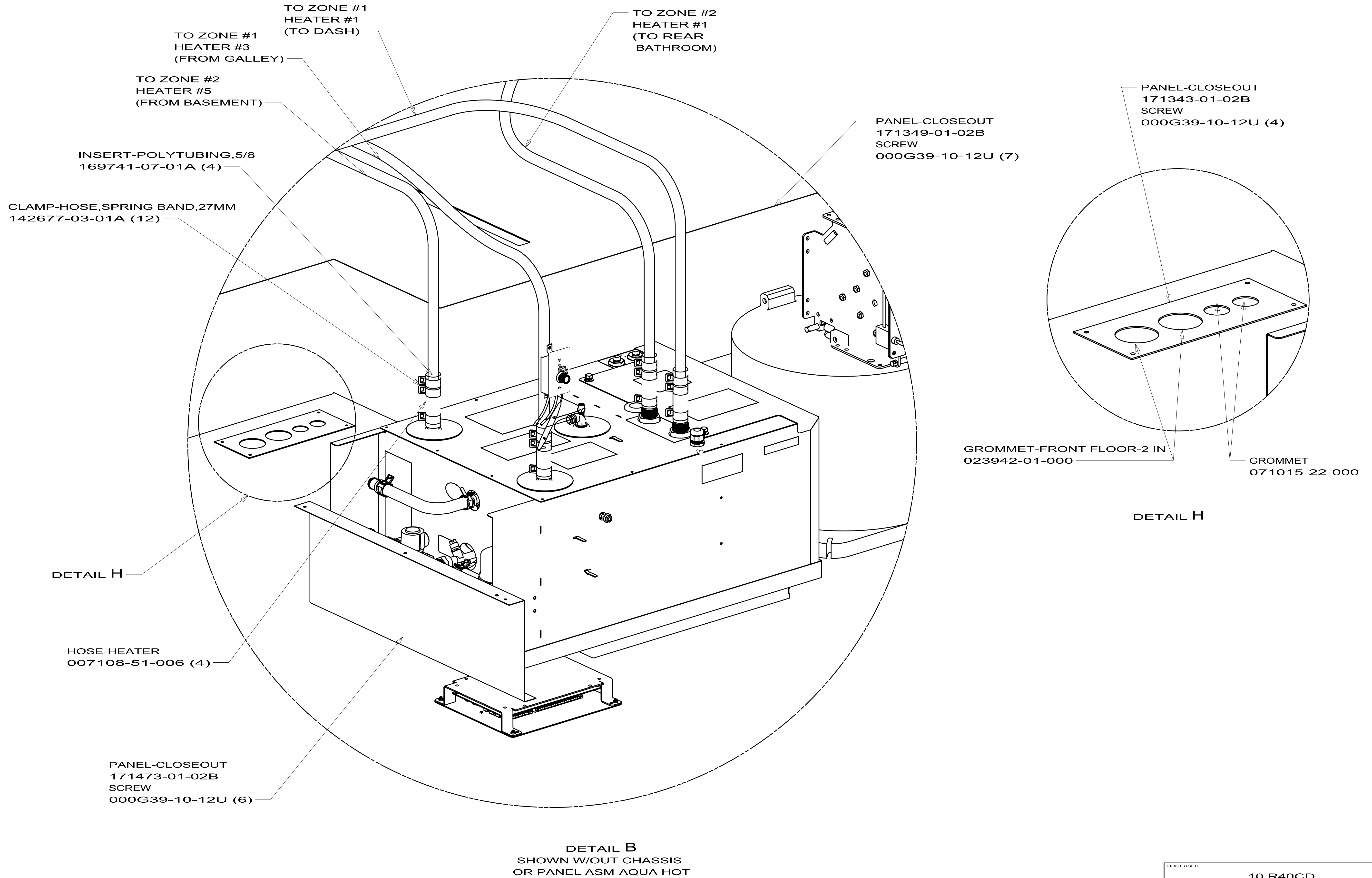


SECTION A-A
(FRONT BATHROOM)

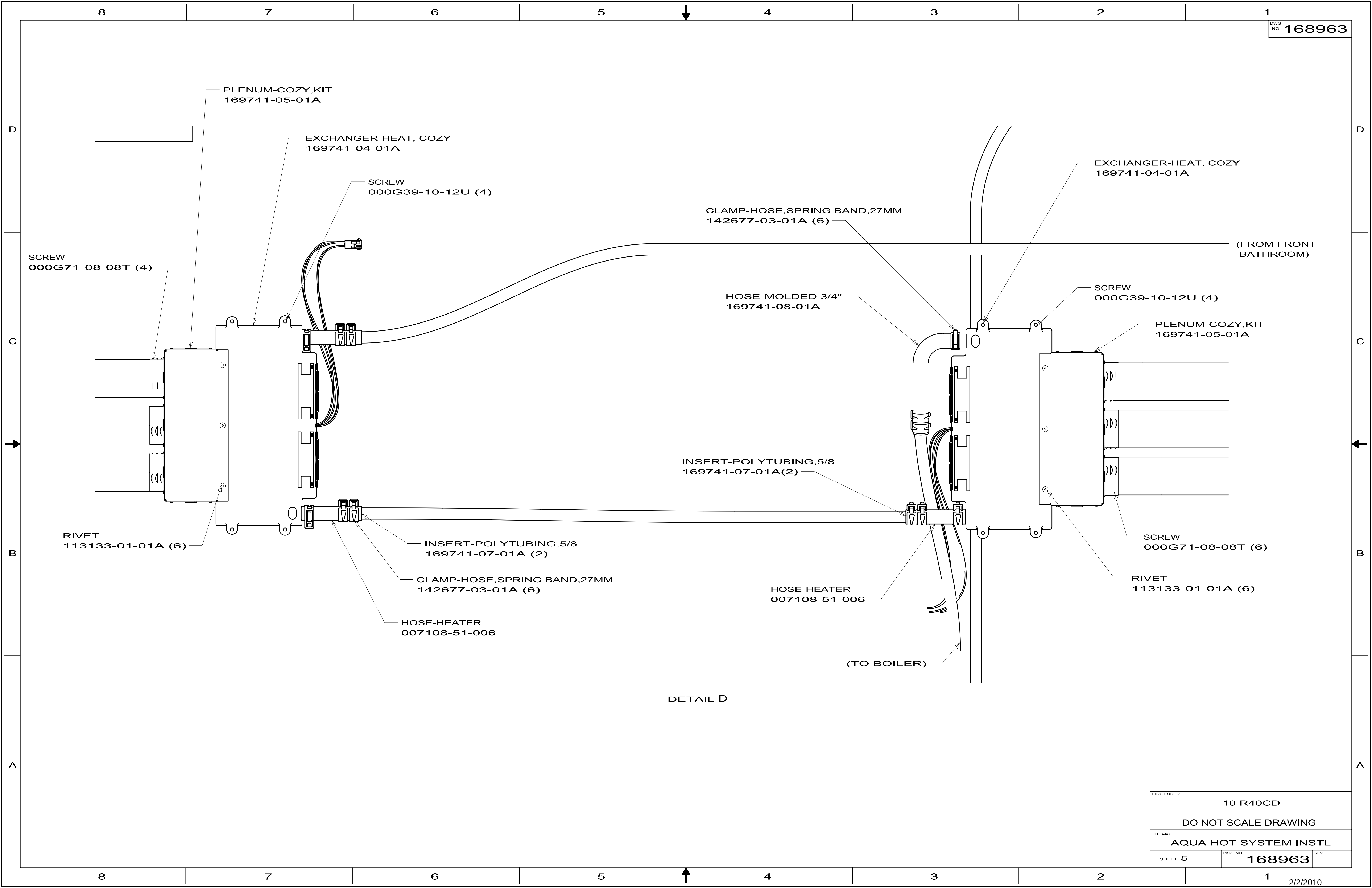


DETAIL C
(COUCH)

FIRST USED			10 R40CD
DO NOT SCALE DRAWING			
TITLE: AQUA HOT SYSTEM INSTL			
SHEET 3	PART NO	168963	REV

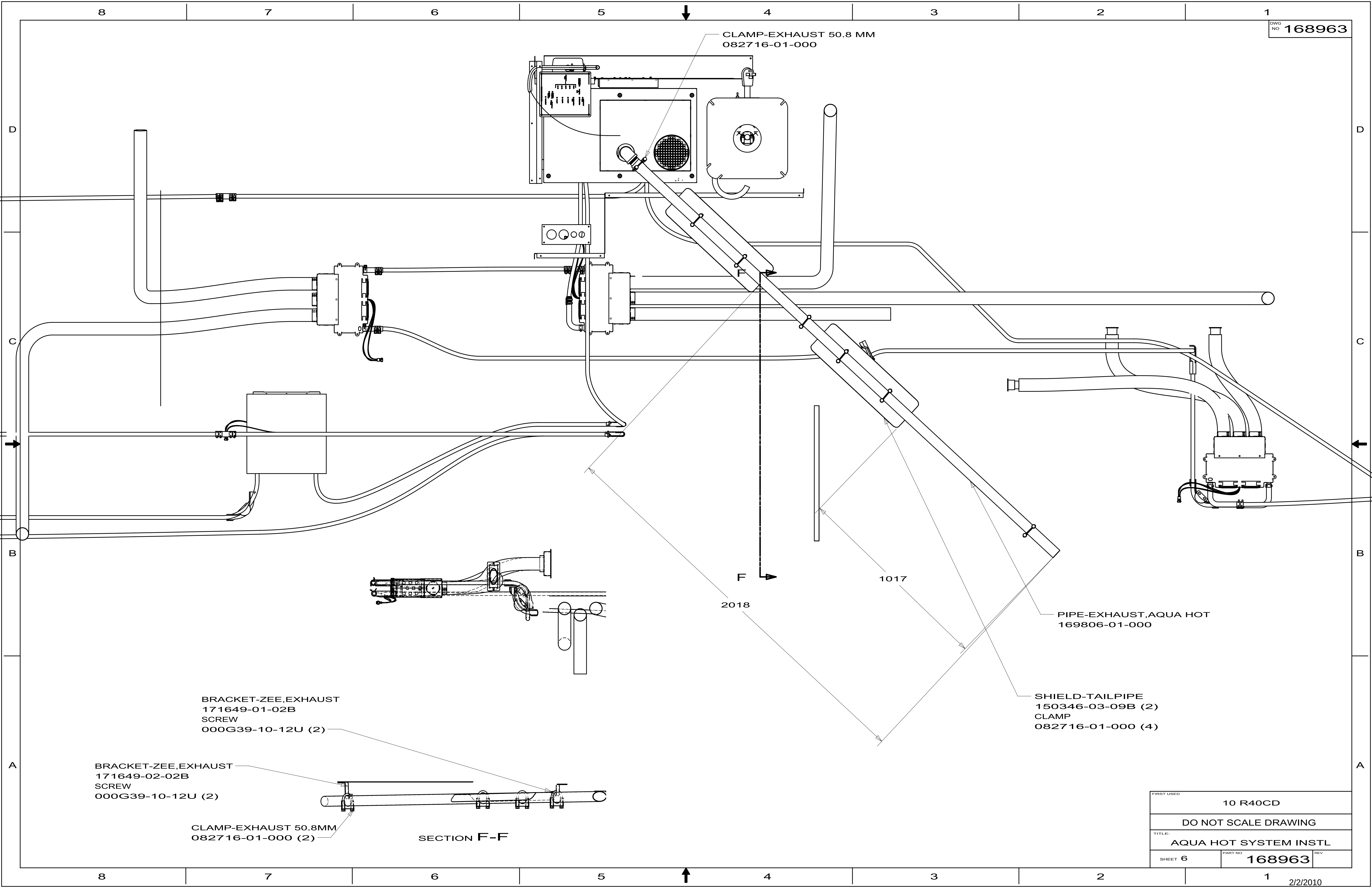


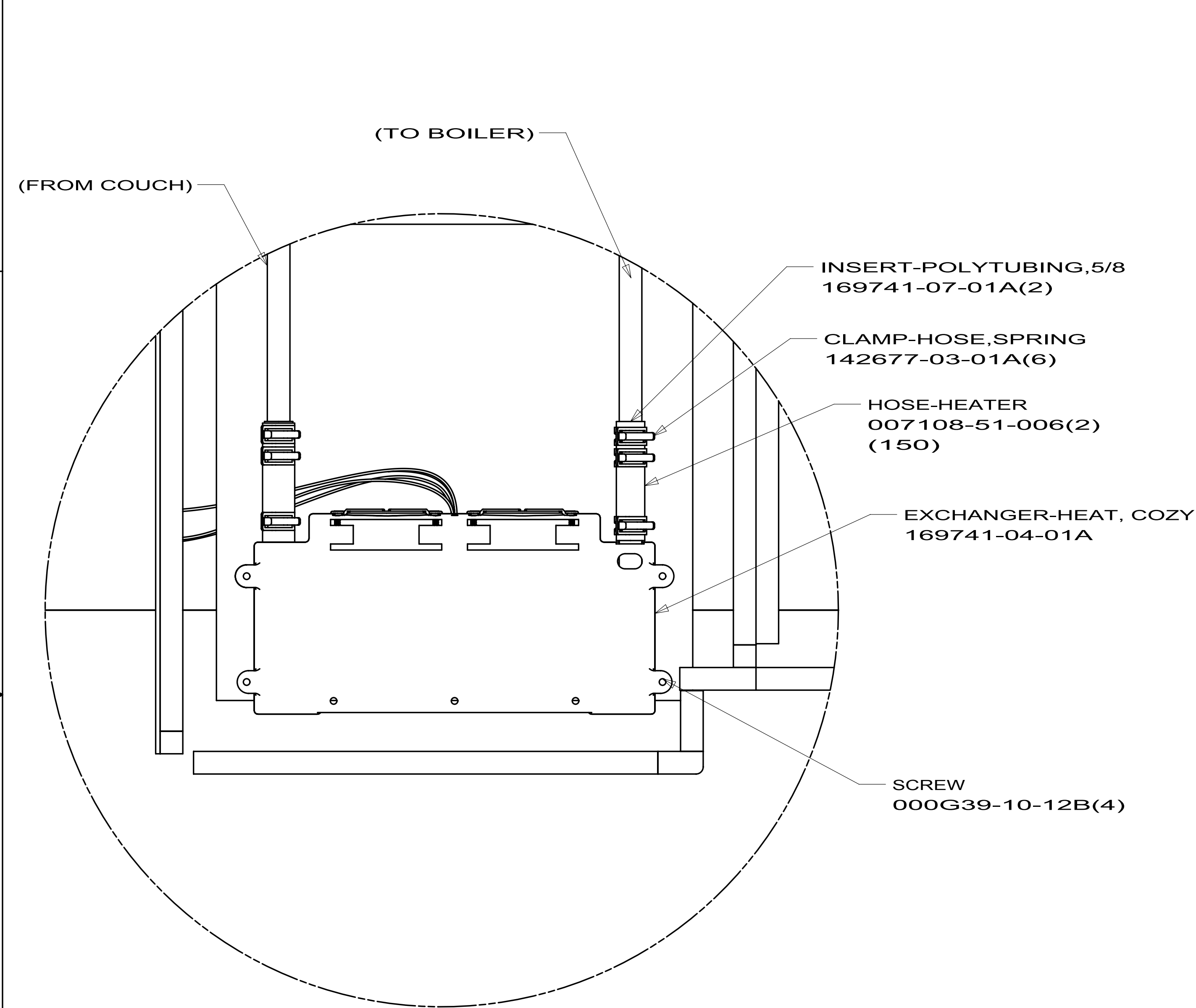
FIRST USED		10 R40CD	
DO NOT SCALE DRAWING			
TITLE: AQUA HOT SYSTEM INSTL			
SHEET 4	PART NO	168963	REV



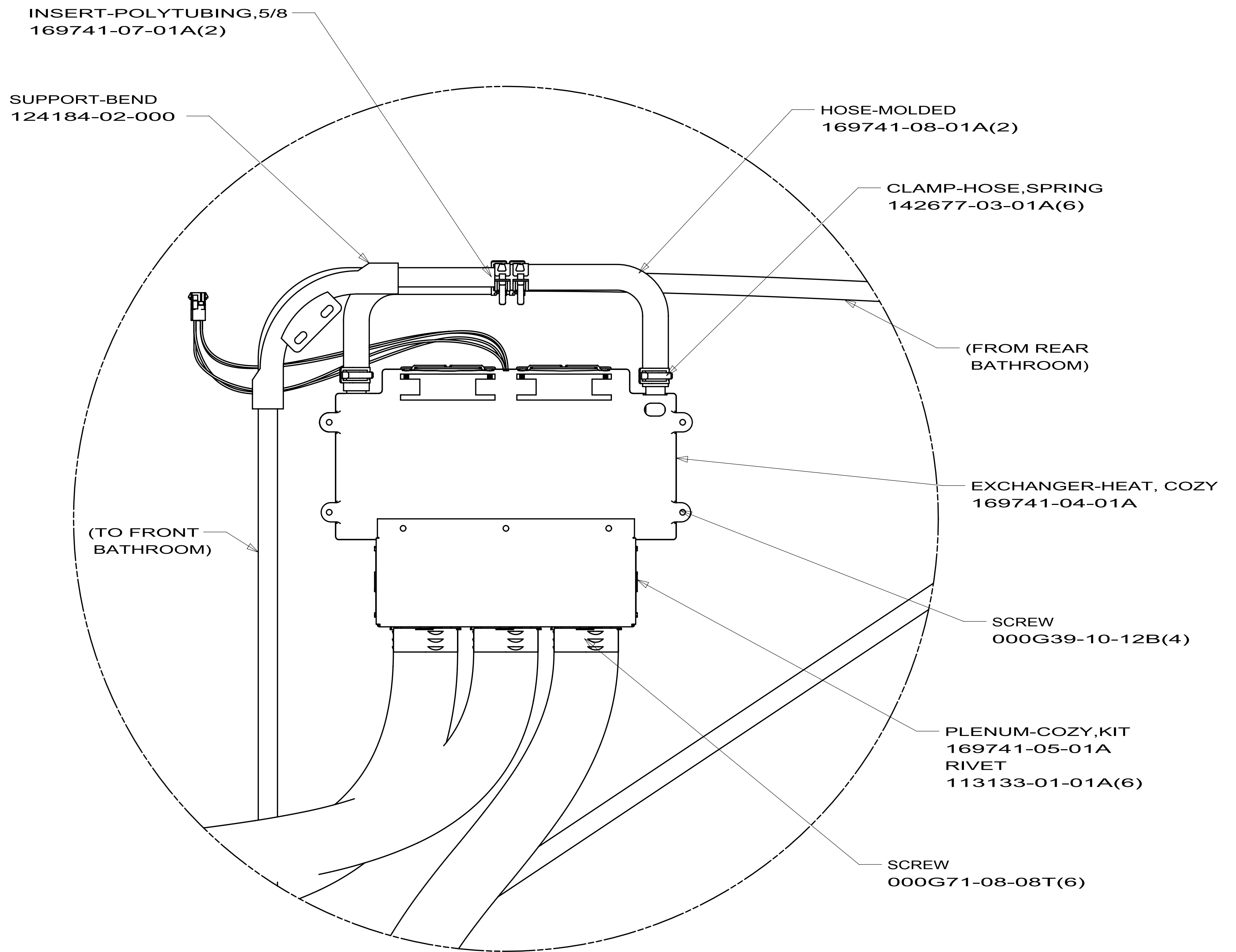
DETAIL D

FIRST USED			10 R40CD
DO NOT SCALE DRAWING			
TITLE:			AQUA HOT SYSTEM INSTL
SHEET 5	PART NO	168963	REV



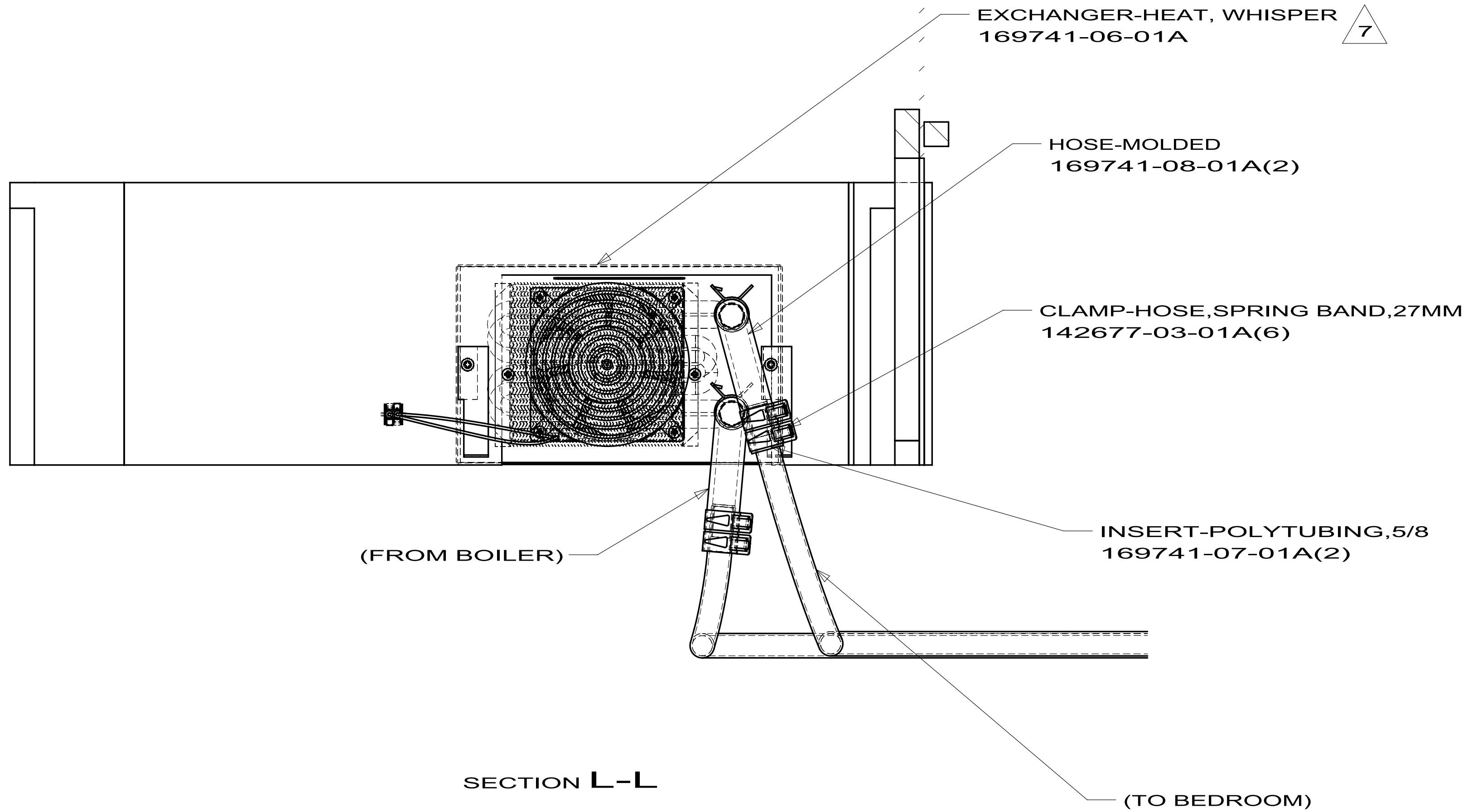


DETAIL J
(GALLEY)



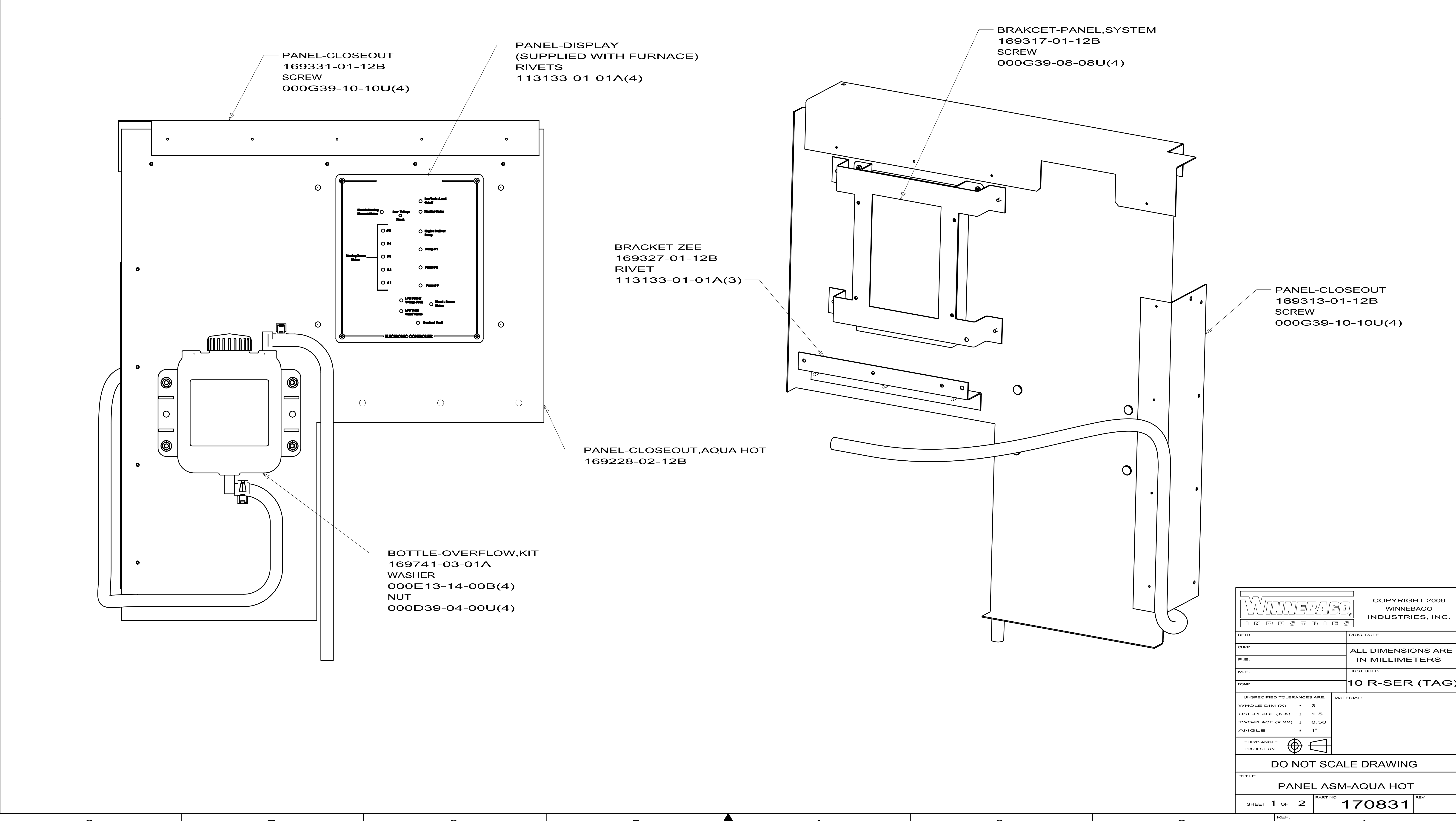
DETAIL K
(BEDROOM)

FIRST USED			10 R40CD
DO NOT SCALE DRAWING			
TITLE: AQUA HOT SYSTEM INSTL			
SHEET 7	PART NO	168963	REV



SECTION L-L
(REAR BATHROOM)

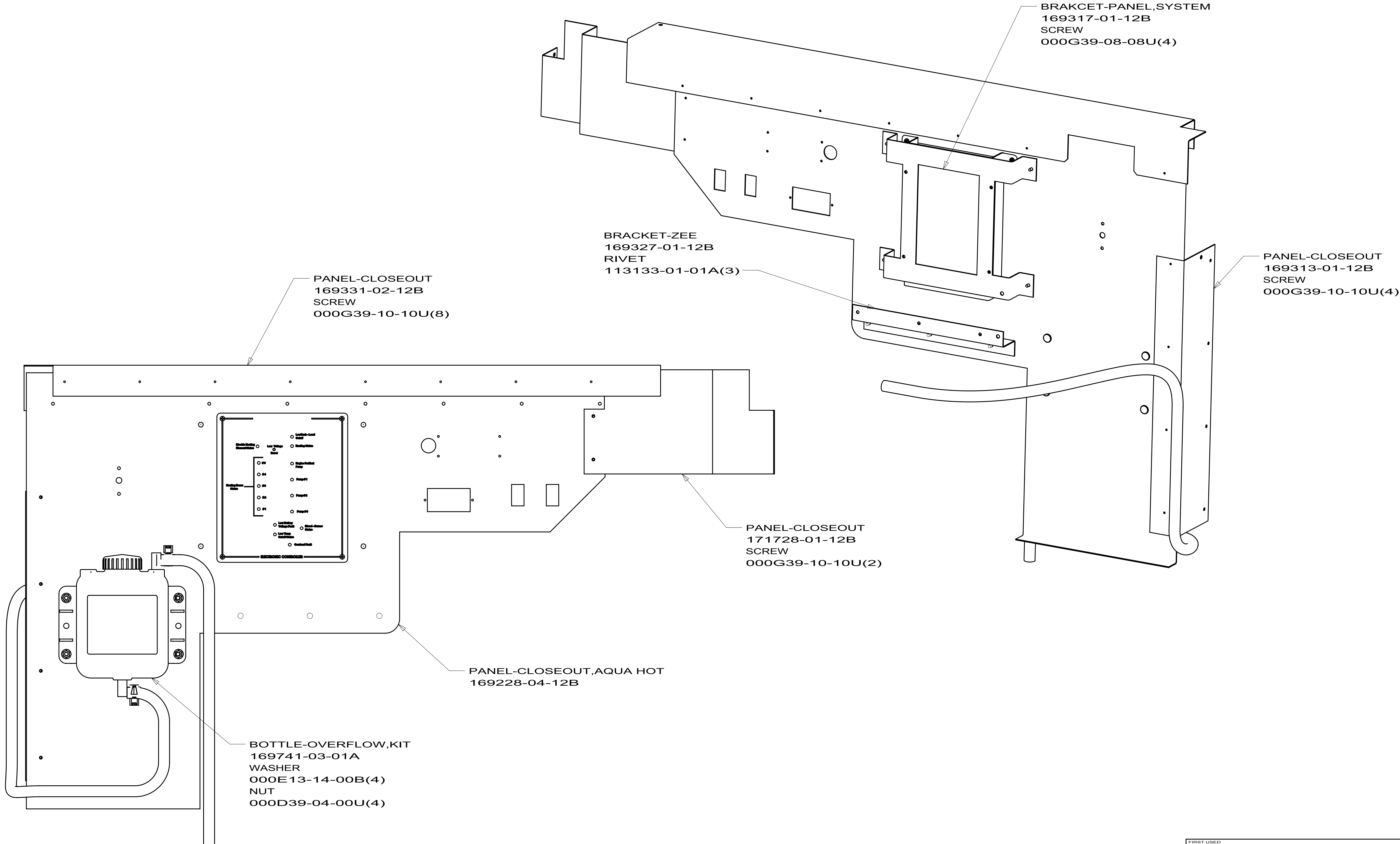
FIRST USED			10 R40CD					
DO NOT SCALE DRAWING								
TITLE: AQUA HOT SYSTEM INSTL								
SHEET 8		PART NO 168963		REV				



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DTFR	ORIG. DATE
CHKR	ALL DIMENSIONS ARE IN MILLIMETERS
P.E.	
M.E.	FIRST USED
DSNR	10 R-SER (TAG)
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	
TITLE: PANEL ASM-AQUA HOT	
SHEET 1 OF 2	PART NO 170831
REF:	1

12/30/2009



FIRST USED		
10 R-SER (TAG)		
DO NOT SCALE DRAWING		
TITLE:		
PANEL ASM-AQUA HOT		
SHEET 2	PART NO	REV
	170831	

