

# A.C.E.®



Made to fit.



**Schematic Details for Floorplan 30.3**

**Model Year 2019**



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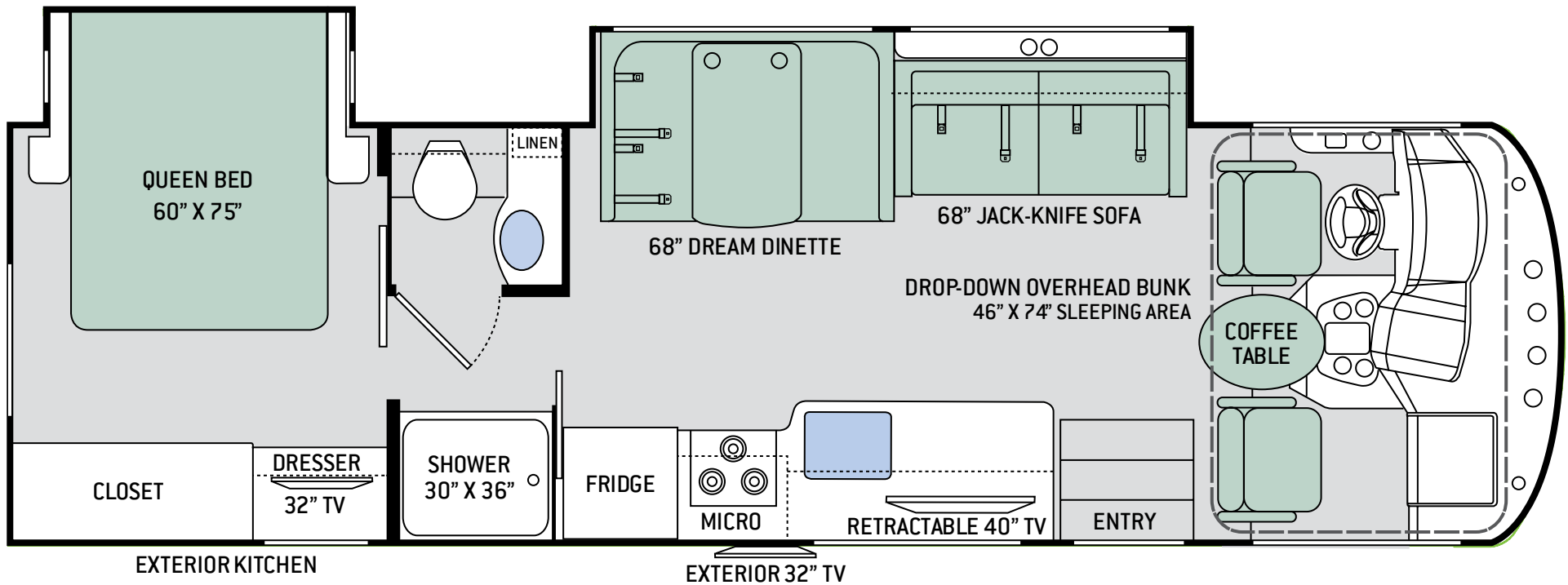
Thor Motor Coach  
Attn: Customer Care  
PO Box 1486  
Elkhart, IN 46515-1486

Include the model, year, and Vehicle Identification Number (VIN) of your motorhome with your request.

## **A.C.E. 30.3**

Disclaimer Statement  
Model Year 2019

Drawings and illustrations Current for TMC Model Year 2019: May, 2018 - May, 2019



### SPECIFICATIONS

Chassis & Drive Train: **Ford**  
 GVWR: **18,000 pounds**  
 GCWR: **23,000 pounds**  
 Overall Length: **31 feet, 0 inches**  
 Overall Height: **12 feet, 2 inches**  
 Wheelbase: **190 inches**

Exterior Width (excluding mirrors): **99 inches**  
 Interior Height: **84 inches**  
 Fuel Tank Capacity (gasoline): **80 gallons**  
 Propane Tank Capacity: **88 pounds**  
 Exterior Storage Capacity: **72 cubic feet**  
 Holding Tank Capacities (gallons): **Fresh-50; Gray-40; Black-40**

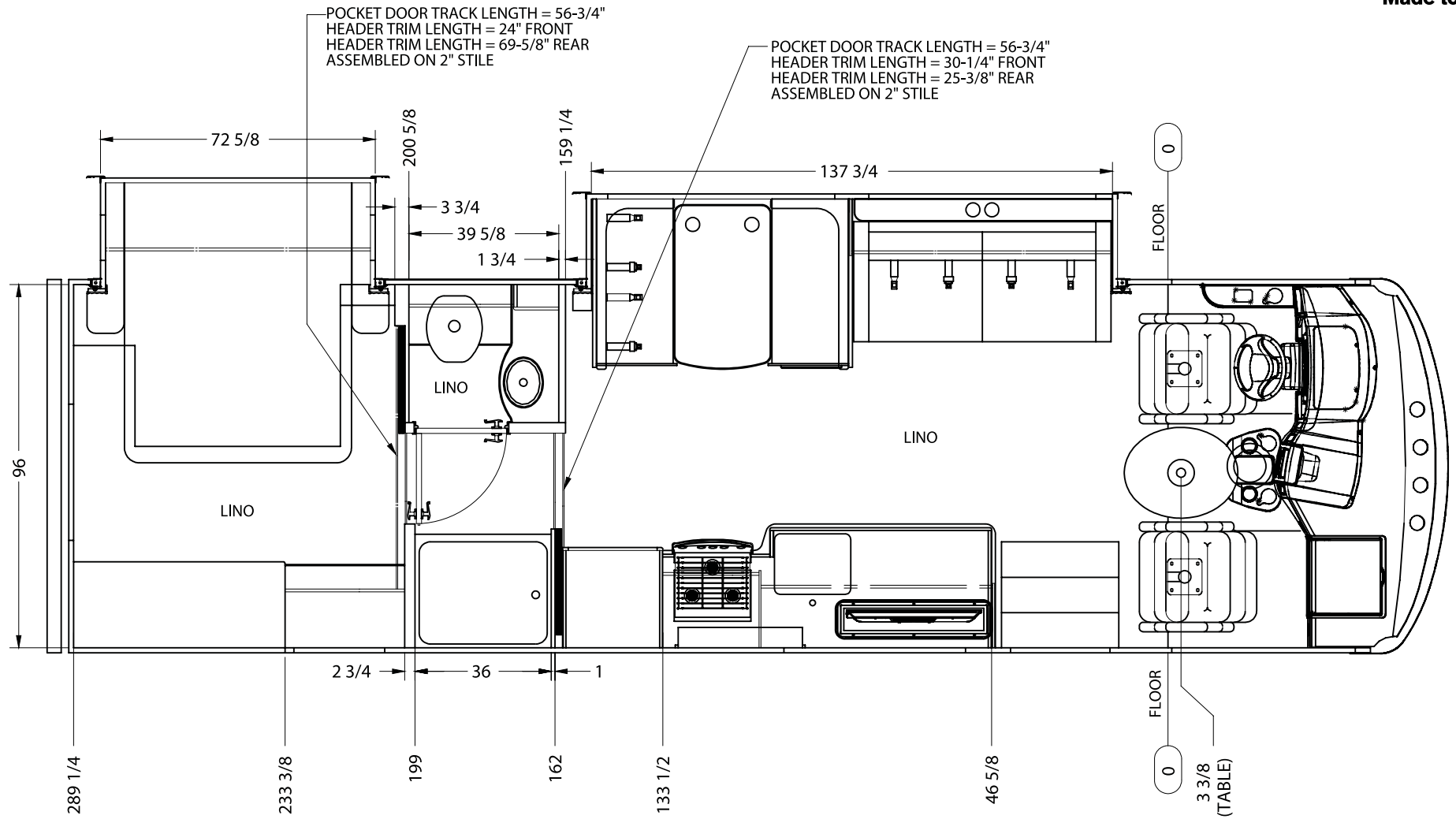
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## A.C.E. 30.3

Floorplan

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# A.C.E. 30.3

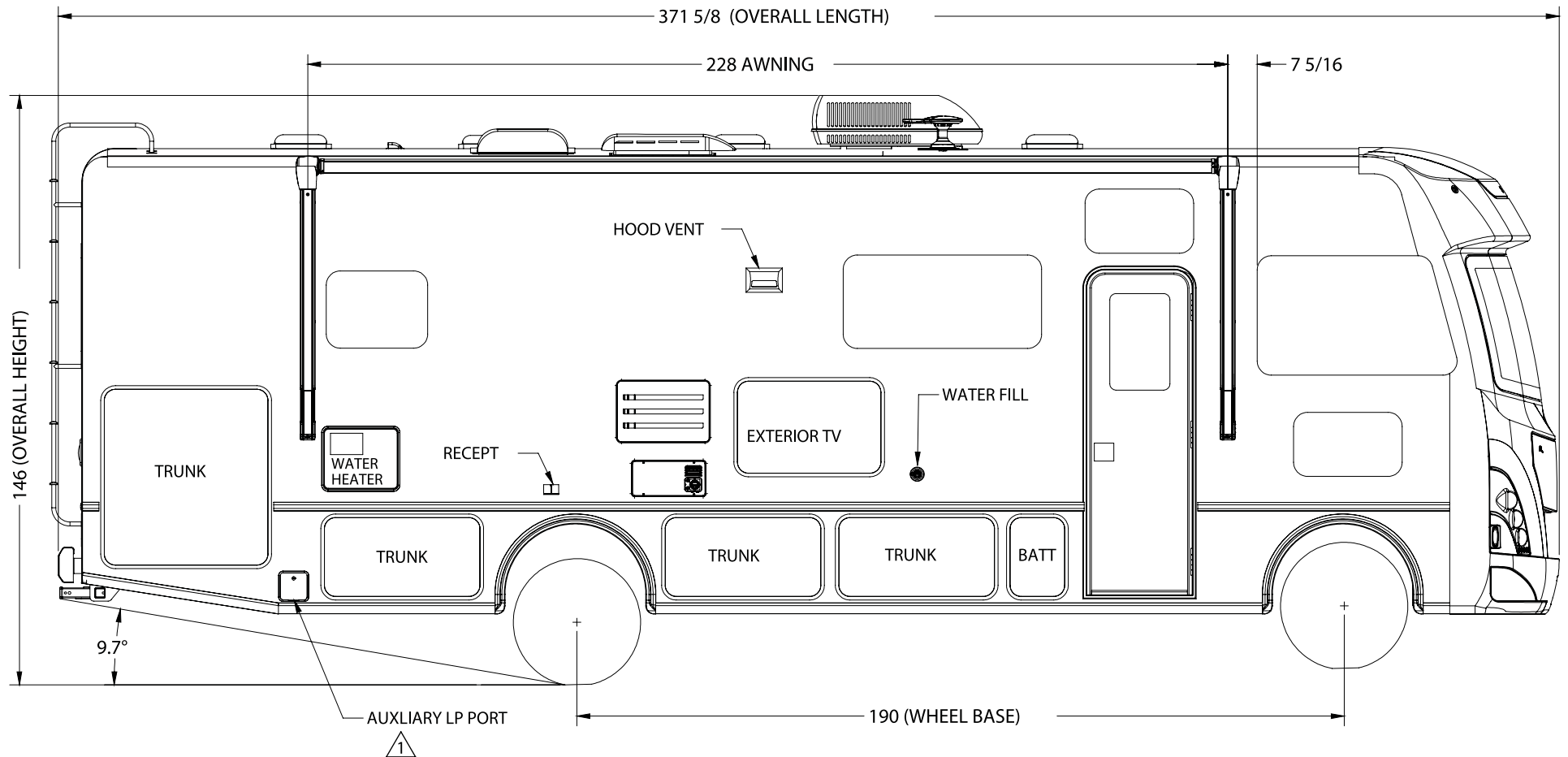
## Dimensions

Model Year 2019

TFP0681-03: 03/08/18

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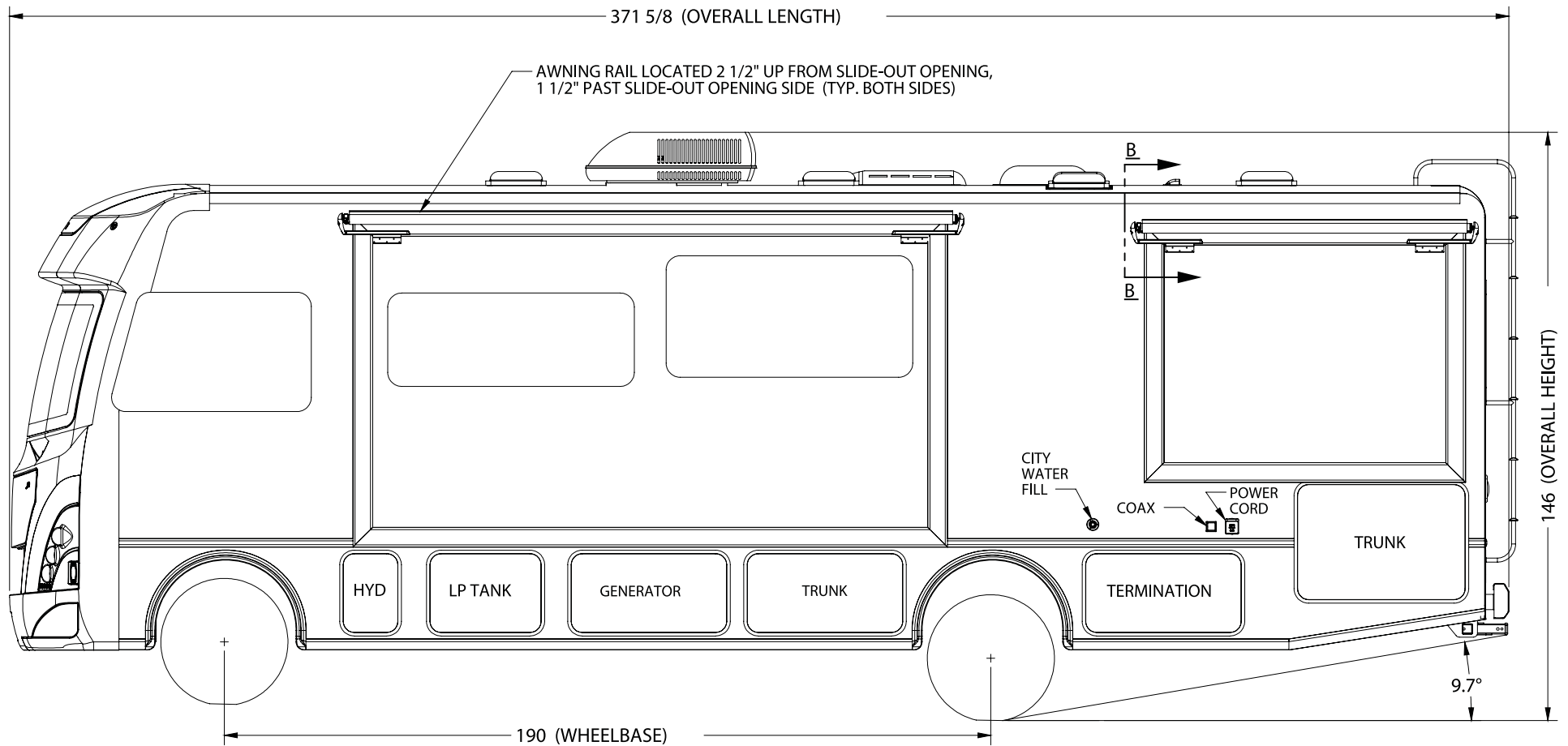
# A.C.E. 30.3

## Right Side Elevation

Model Year 2019  
 TEX0363-02: 11/16/17  
 1 of 3

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## A.C.E. 30.3

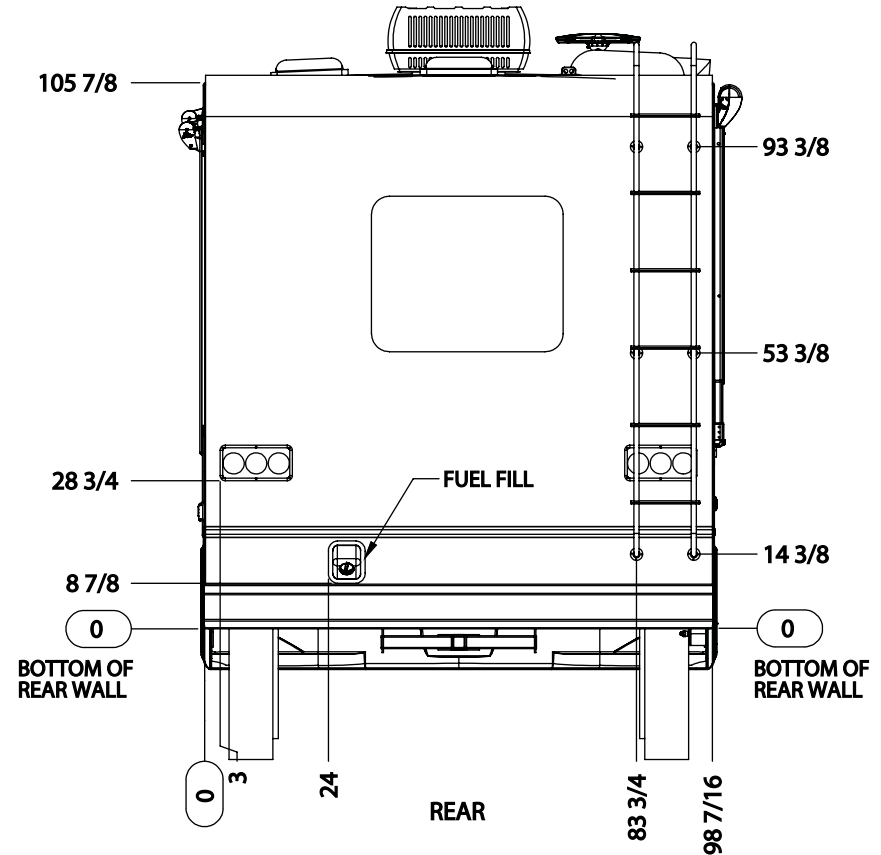
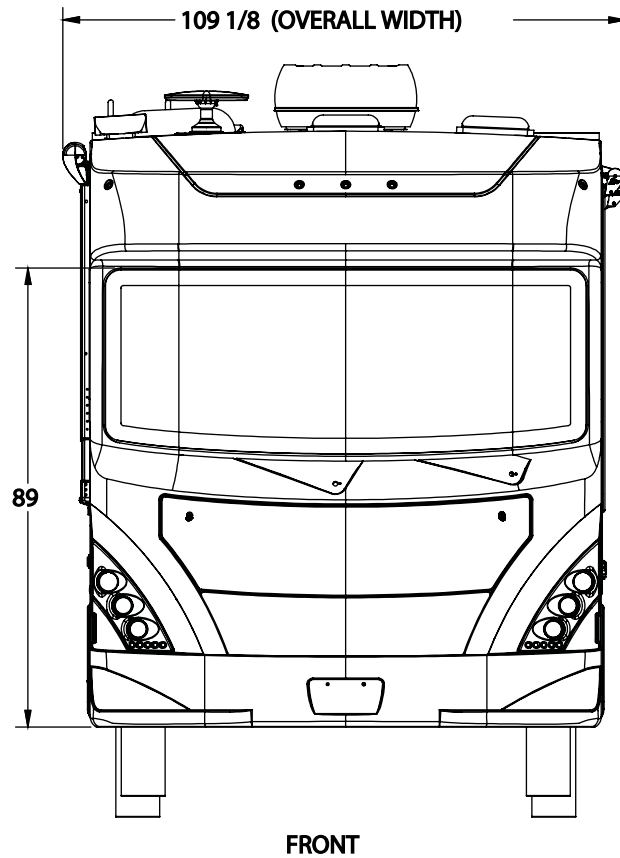
Left Side Elevation

Model Year 2019

TEX0363-02: 11/16/17

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## A.C.E. 30.3

Front/Rear Elevations

Model Year 2019

TEX0363-02: 11/16/17

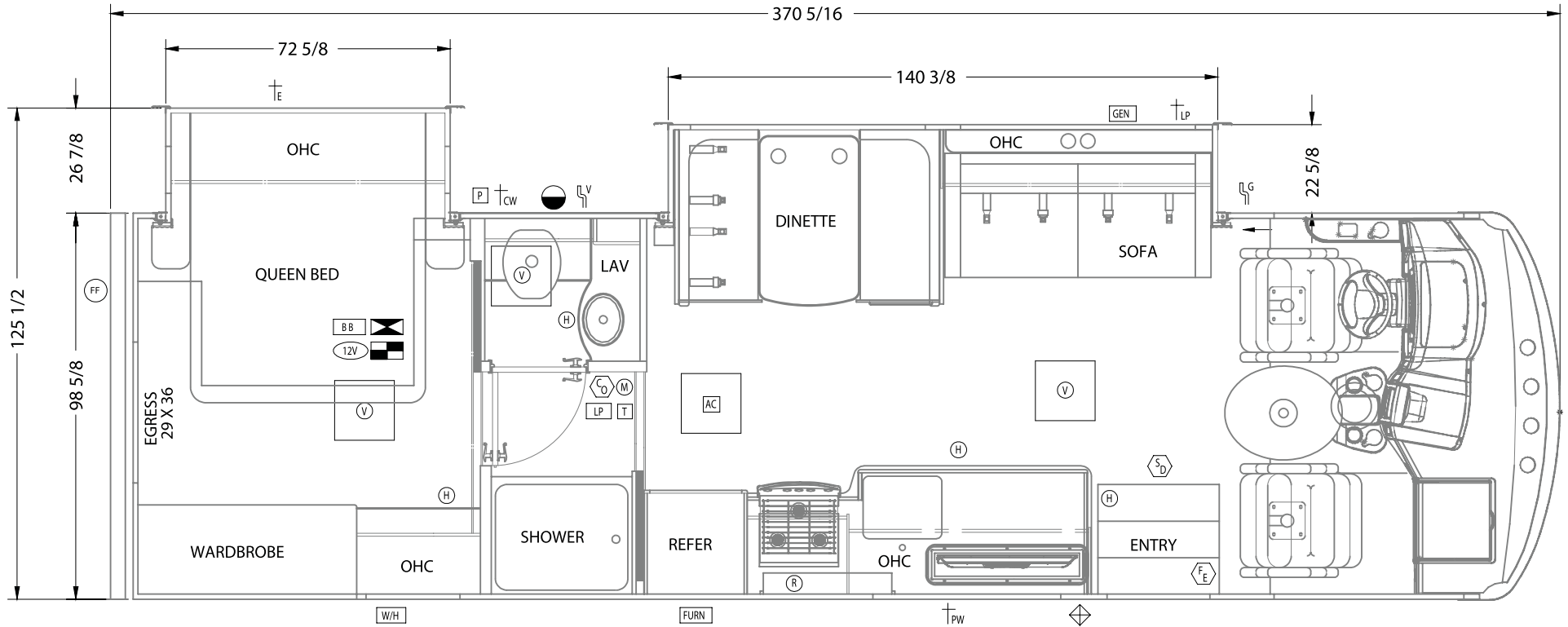
3 of 3

**NOTES:**

1. POWER CORD EXPOSED A MINIMUM OF 25 FT.
2. INTERIOR FINISH MATERIAL CONSISTS OF A FLAME SPREAD RATING LESS THAN 200.
3. INTERIOR TEXTILE MATERIALS COMFORM TO FMVSS 302.
4. UNIT BUILT TO LATEST ANSI/NFPA CODES.
5. VERTICAL CLEARANCES BETWEEN RANGE BURNERS & COMBUSTABLE MATERIALS: 21-1/2"
6. 260 SQ. FT.
7. POWER CORD ENTRANCE IS WITHIN 15 FT. OF REAR OF VEHICLE.
8. DRAINAGE EXIT IS WITHIN 22 FT. OF REAR OF VEHICLE.



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**CODE SYMBOLS**

SMOKE DETECTOR	ROOF VENT	INSIGNIA RVIA & STATE	BREAKER BOX
CARBON MONOXIDE DETECTOR	WATER PUMP	VIN IDENTIFICATION	CONVERTER/12V FUSE BLOCK
PROPANE DETECTOR	FURNACE	SEWAGE DRAIN	AC/DC LOAD CENTER
FIRE EXTINGUISHER - 10 BC	WARM AIR REGISTER	PROPANE GAS INLET	12 VOLT CONVERTER/CHARGER
GENERATOR EXHAUST	THERMOSTAT	ELECTRICAL INLET	12 VOLT INVERTER
VEHICLE EXHAUST	WATER HEATER	CITY WATER INLET	12 VOLT INVERTER/CHARGER
AIR CONDITIONER	GENERATOR	POTABLE WATER INLET	
RANGE VENT	MONITOR PANEL	FUEL FILL	

**A.C.E. 30.3**

**Safety Layout**

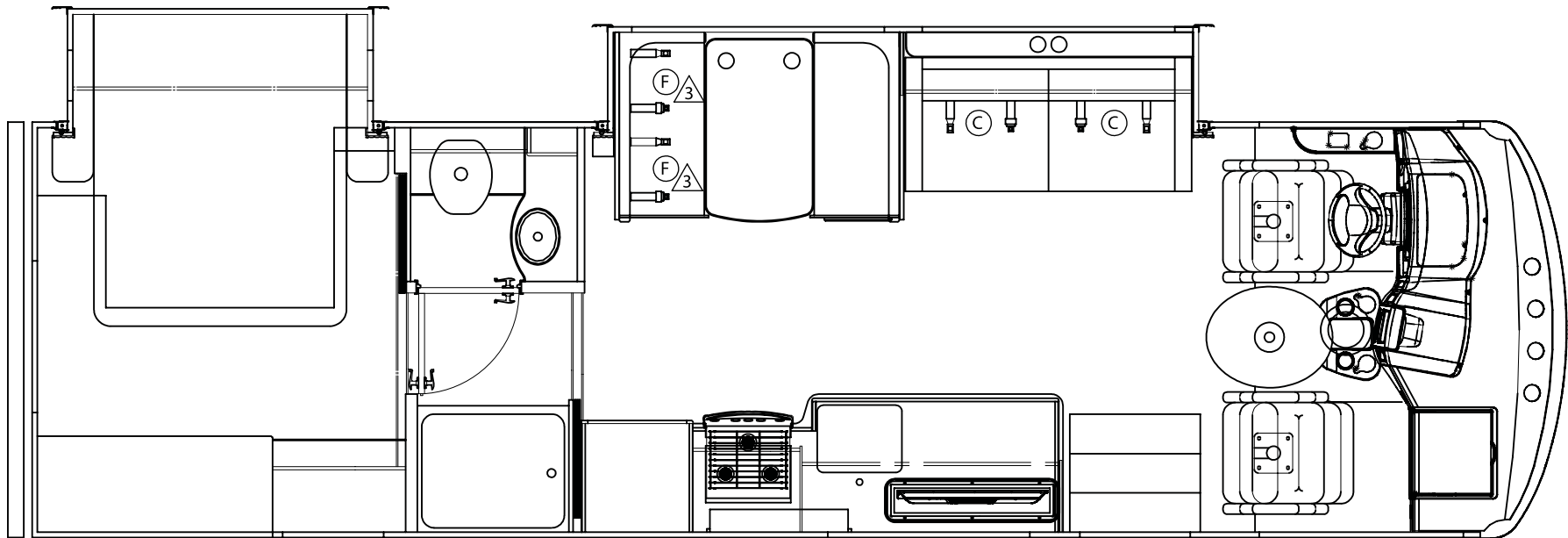
Model Year 2019

TSL0155-01: 01/23/18

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NOTE: 1) WHEN MEASURING SEAT BELT LENGTHS, MEASURE FROM CENTER OF THE FASTENER HOLE ON THE D-RING TO THE OPPOSITE END OF TONGUE OR BUCKLE SECTION.  
 2) SEE FLOORPLAN FOR OPTIONAL FURNITURE AND ALTERNATE SEAT BELTS USED.

SEAT BELT DETAIL

SEAT BELT	STD QTY.	TMC #	VENDOR #	PART LENGTHS		
				COMBINED	TONGUE	BUCKLE
A	0	0210272	I-1409-02	74"	57"	17"
B	0	0114534	74-02	76"	43-5/8"	32-1/4"
C	2	0391289	80645402-00-AA	111-3/4"	71-1/2"	40-1/4"
D	0	0114536	110-02	112"	67-5/8"	44-1/4"
E	0	PARTS OF C, D	PARTS OF C, D	108"	67-5/8" (FROM D)	40 1/4" (FROM C)
F	2	0273715	80393802-00-AA	88"	64"	24"
G	0	0287951	80445502-00-AA	100"	67-5/8"	32-1/4"

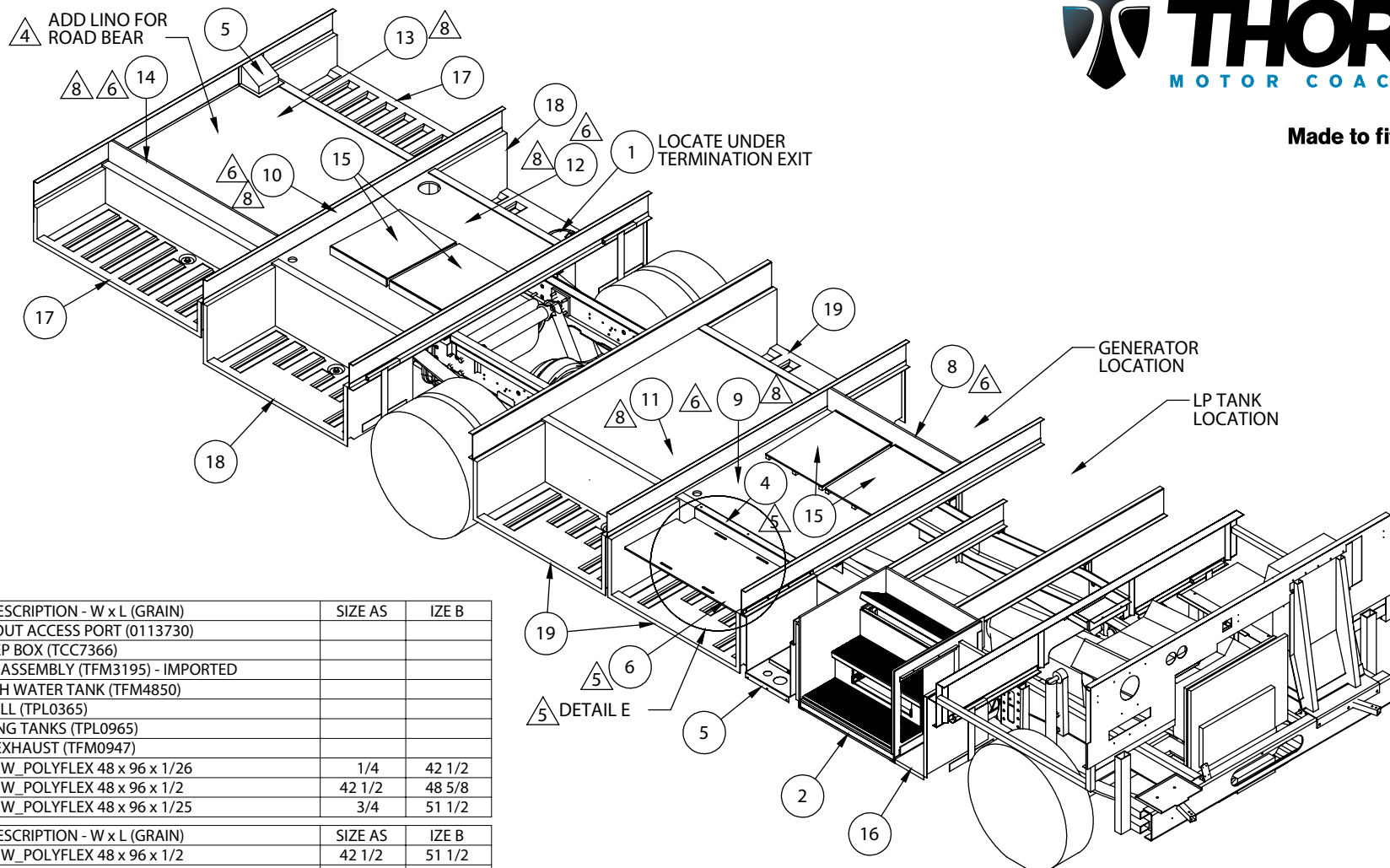
## A.C.E. 30.3

### Seat Belts

Model Year 2019

TFP0681-03: 03/08/18

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NO	QTY	DESCRIPTION - W x L (GRAIN)	SIZE AS	IZE B
11		6 INCH TWIST OUT ACCESS PORT (0113730)		
21		ASSEMBLY, STEP BOX (TCC7366)		
31		BATTERY TRAY ASSEMBLY (TFM3195) - IMPORTED		
41		BRACKET, FRESH WATER TANK (TFM4850)		
51		COVER, FUEL FILL (TPL0365)		
61		COVER, HOLDING TANKS (TPL0965)		
71		HEAT SHIELD, EXHAUST (TFM0947)		
81		METAL BOARD W_ POLYFLEX 48 x 96 x 1/26	1/4	42 1/2
91		METAL BOARD W_ POLYFLEX 48 x 96 x 1/2	42 1/2	48 5/8
10	1M	ETAL BOARD W_ POLYFLEX 48 x 96 x 1/25	3/4	51 1/2

NO	QTY	DESCRIPTION - W x L (GRAIN)	SIZE AS	IZE B
11	1M	ETAL BOARD W_ POLYFLEX 48 x 96 x 1/2	42 1/2	51 1/2
12	1M	ETAL BOARD W_ POLYFLEX 48 x 96 x 1/2	46 1/2	51 1/2
13	1M	ETAL BOARD W_ POLYFLEX 48 x 96 x 1/24	8	51 1/2
14	1M	ETAL BOARD W_ POLYFLEX 48 x 96 x 1/26	1/4	53 3/4
15	4	SHIM, HOLDING TANK (TCC7520)		
16	1	TRUNK BOX, STEEL (TFM4177)		
17	2	TRUNK, ROTOCAST (TPL0101)		
18	2	TRUNK, ROTOCAST (TPL0104)		
19	3	TRUNK, ROTOCAST (TPL0622)		

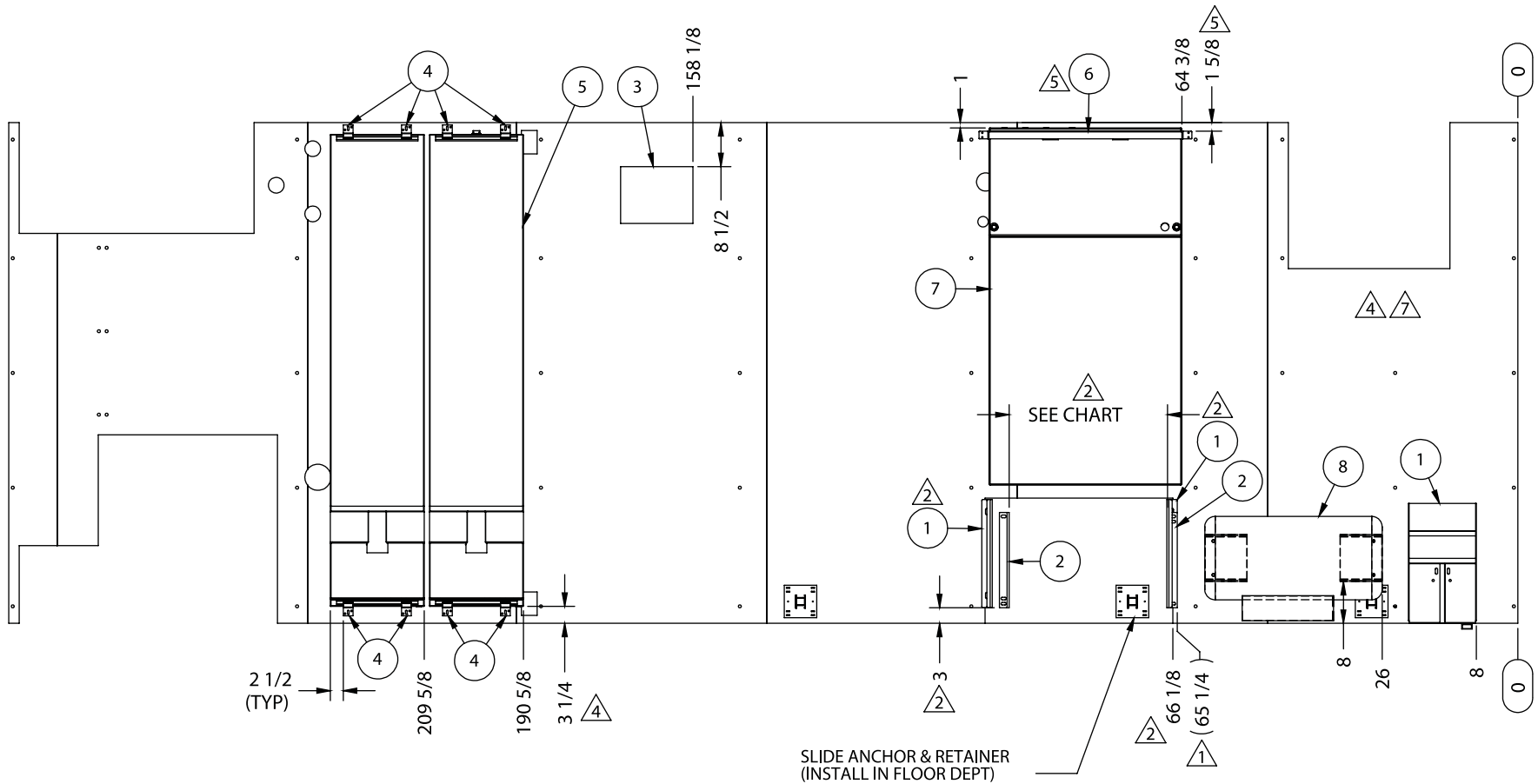
# A.C.E. 30.3

## Trunk Layout

Model Year 2019

TTL0264-09: 03/05/18

NO	QTY	DESCRIPTION - W x L (GRAIN)
1	2	BRACKET, GENERATOR (TFM2341)
2	2	BRACKET, GENERATOR (TFM4410)
3	1	COVER, P-TRAP (TPL0614)
4	8	J-BRACKET (TFM1386)
5	1	SPIN FITTING LOCATIONS (TDW0563)
6	1	STRAP, FRESH WATER TANK (TFM4849)
7	1	TANK, FRESH WATER (TFW0278)
8	1	TANK, LP (68184) 88lb lp
9	1	TRAY, HYDRAULIC PUMP ASSEMBLY (TFM3196)



## A.C.E. 30.3

### Trunk Layout

Model Year 2019

TTL0264-09: 03/05/18

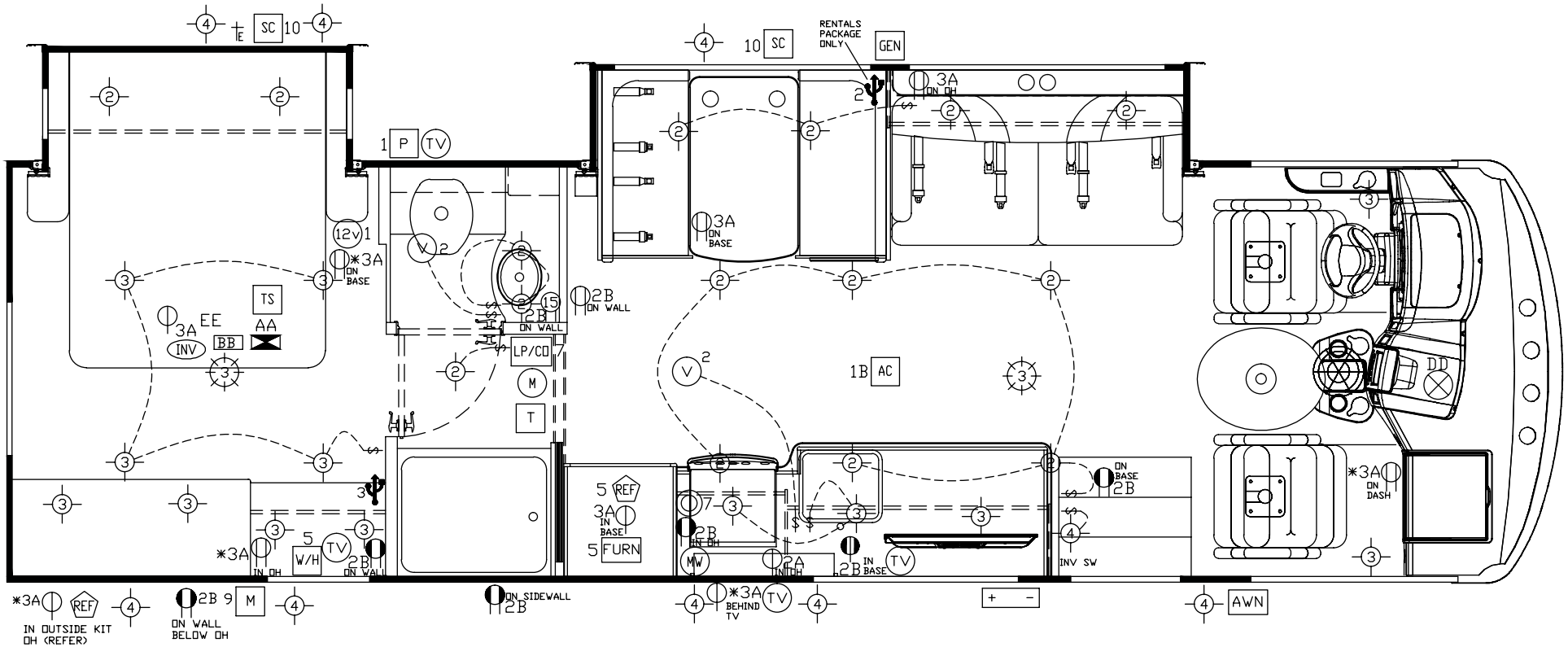
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GENERATOR	DIMENSION	BRACKET
ONAN 4.0	30 3/8	TFM4410
ONAN 5.5	33 1/2	TFM2341

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- NOTES:
- 12 VOLT WIRE: GXL BELOW FLOOR, GXL OR TEW ABOVE FLOOR
  - 110 WIRE: COPPER TYPE NM SHEATH
  - AIR CONDITIONER BREAKER IS "HACR" TYPE
  - POWER CORD IS 10/2 TYPE STW WITH MINIMUM 25' EXPOSED.
  - GROUNDING RECEIPTS USED & SYSTEM BONDED TO CHASSIS
  - DISTRIBUTION PANELBOARD IS CLASS CTL ENCLOSED TYPE 1 30 AMP 120 VOLT
  - 55 AMP POWER CONVERTER
  - NEUTRAL CONDUCTOR AND GROUNDS ARE ISOLATED IN PANELBOARD



# A.C.E. 30.3

## 12/120 Volt; 30A Electrical Diagram

Model Year 2019

TEE2255-09: 03/08/18

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	USB CHARGE PORT		12V INVERTER & CHARGER		GFCI PROTECTED SINGLE		ANTENNA BOOST		12V OUTLET		MICROWAVE
	TRANSFER SWITCH		12V STORAGE BATTERY		120V DUPLEX OUTLET		MONITOR PANEL		RANGE VENT		12V VENT
	SLIDEOUT CONTROLLER		BREAKER BOX		120V SINGLE OUTLET		12V LIGHT		REFRIGERATOR		RADIO
	12V FUSE BLOCK		120V AIR CONDITIONER		PROPANE & CO DETECTOR		FURNACE		110VAC ELECTRIC AWNING		12V POWER FAN
	12V INVERTER		15A GFCI OUTLET		ELECTRICAL INLET		THERMOSTAT		GENERATOR		WATER HEATER
	GFCI PROTECTED		SWITCH		TV JACK		WATER PUMP				

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12 VOLT AT CONVERTER				
NO	GA.	COLOR	ATC FUSE	POWER TO
1	12/14	BLACK	15 AMP	WATER PUMP/12V OUTLET
2	14	GRAY	15 AMP	LEFT SIDE
3	14	VIOLET	15 AMP	RIGHT SIDE
4	14	YELLOW	15 AMP	CARGO LIGHTS
5	14	ORANGE	*15 BRK	APPLIANCES
6	14	GRY/BLK	15 A BRK	AUDIO/VIDEO
7	18	ORANGE	5 AMP	LP DET
8	12	PINK	20 AMP	TANK HEATERS
9	10	GREEN	20 AMP	MACERATOR
10	10	RED	30 AMP	SLIDE MTR PWR
11	14/12	GREEN	15 AMP	ELECTRIC AWNING

12 VOLT FUSE AT BATTERY				
NO	GA.	COLOR	AMPS	POWER TO
DD	14	YELLOW	15	RADIO MEMORY

12 VOLT BREAKER					
NO	GA.	COLOR	AMPS	POWER TO	TYPE
AA	6	RED	50	CONVERTER	III
BB	6	RED	100	CHASSIS FUSE PANEL	III
CC	4	RED	100	HYDRAULIC JACKS	III
EE	4	RED	100	INVERTER	III

APPLIANCE/GENERATOR SPECS		
APPLIANCE	VOLTS	AMPS
MICROWAVE (USA & CSA)	120	12
AIR CONDITIONER	115	15.5
REFRIGERATOR	120	2.5
CONVERTER	120	7.5
4.0 ONAN	120	33.3

120 VOLT CIRCUITS				
CIRCUIT	GA.	VOLTS	AMPS	POWER TO
1A	10	120VAC	30 AMP	MAIN
1B	12	115VAC	20 AMP	AIR CONDITIONER
2A	14	120VAC	15 AMP	MICROWAVE
2B	14	120VAC	15 AMP	GFCI RECEPES
3A	14	120VAC	15 AMP	GENERAL RECEPES
3B	14	120VAC	15 AMP	CONVERTER
4 (A,B)	14	120VAC	15 AMP	WATER HEATER

## A.C.E. 30.3

### 12/120; 30A Volt Electrical Circuits

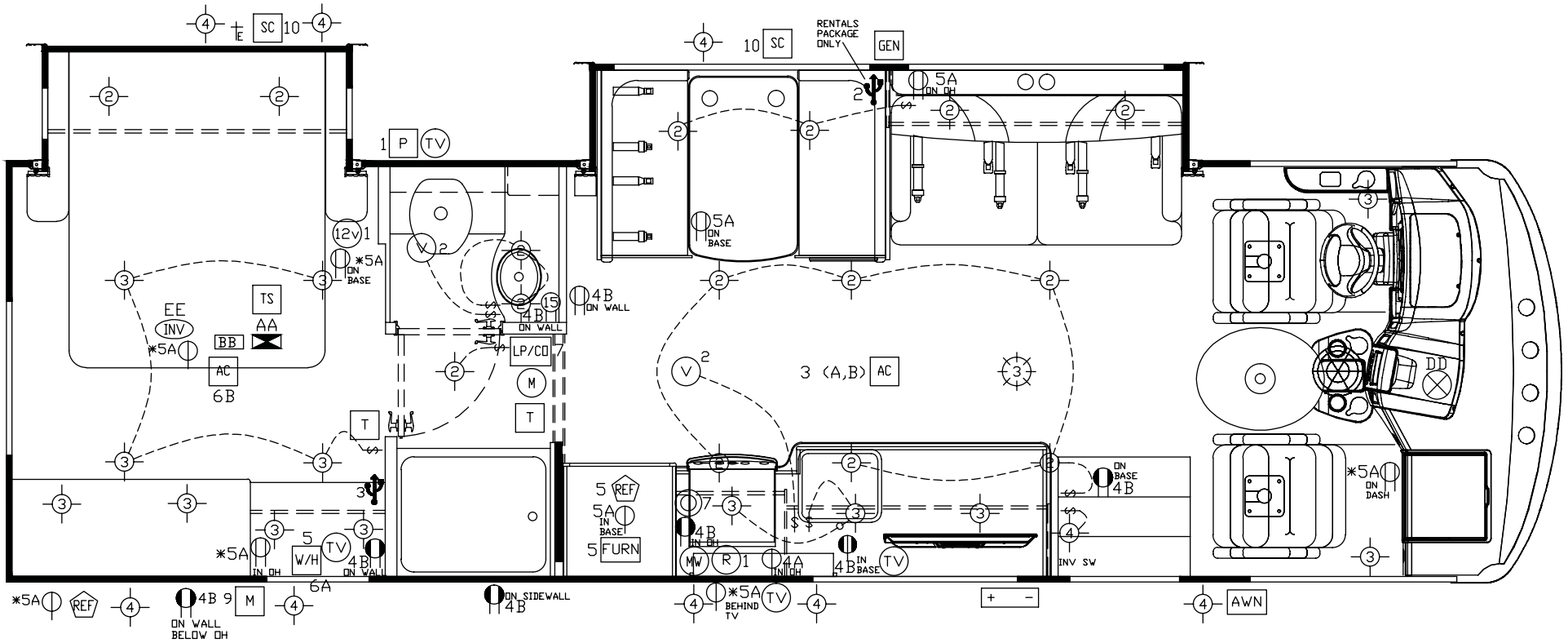
Model Year 2019

TEE2255-09: 03/08/18

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Made to fit.

- NOTES:
1. 12 VOLT WIRE: GXL BELOW FLOOR, GXL OR TEW ABOVE FLOOR
  2. 110 WIRE: COPPER TYPE NM SHEATH
  3. AIR CONDITIONER BREAKER IS "HACR" TYPE
  4. POWER CORD IS 10/2 TYPE STW WITH MINIMUM 25' EXPOSED.
  5. GROUNDED RECEIPTS USED & SYSTEM BONDED TO CHASSIS
  6. DISTRIBUTION PANELBOARD IS CLASS CTL ENCLOSED TYPE 1 30 AMP 120 VOLT
  7. 55 AMP POWER CONVERTER
  8. NEUTRAL CONDUCTOR AND GROUNDS ARE ISOLATED IN PANELBOARD



\* DENOTES RECEIPTS ON THE INVERTER

## A.C.E. 30.3

12/120 Volt; 50A Electrical Diagram

Model Year 2019

TEE2255-09: 03/08/18

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	USB CHARGE PORT		12V INVERTER & CHARGER		GFCI PROTECTED SINGLE		ANTENNA BOOST		12V OUTLET		MICROWAVE
	TRANSFER SWITCH		12V STORAGE BATTERY		120V DUPLEX OUTLET		MONITOR PANEL		RANGE VENT		12V VENT
	SLIDEOUT CONTROLLER		BREAKER BOX		120V SINGLE OUTLET		12V LIGHT		REFRIGERATOR		RADIO
	CONVERTER & 12V FUSE BLOCK		120V AIR CONDITIONER		PROPANE & CO DETECTOR		FURNACE		110VAC ELECTRIC AWNING		12V POWER FAN
	12V FUSE BLOCK		15A GFCI OUTLET		ELECTRICAL INLET		THERMOSTAT		GENERATOR		WATER HEATER
	12V INVERTER		GFCI PROTECTED		SWITCH		TV JACK		WATER PUMP		

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12 VOLT AT CONVERTER				
NO	GA.	COLOR	ATC FUSE	POWER TO
1	12/14	BLACK	15 AMP	WATER PUMP/12V OUTLET
2	14	GRAY	15 AMP	LEFT SIDE
3	14	VIOLET	15 AMP	RIGHT SIDE
4	14	YELLOW	15 AMP	CARGO LIGHTS
5	14	ORANGE	*15 BRK	APPLIANCES
6	14	GRY/BLK	15 A BRK	AUDIO/VIDEO
7	18	ORANGE	5 AMP	LP DET
8	12	PINK	20 AMP	TANK HEATERS
9	10	GREEN	20 AMP	MACERATOR
10	10	RED	30 AMP	SLIDE MTR PWR
11	14/12	GREEN	15 AMP	ELECTRIC AWNING

\* = VENDOR SUPPLIED 15 AMP TYPE II BREAKER

12 VOLT BREAKER					
NO	GA.	COLOR	AMPS	POWER TO	TYPE
AA	6	RED	50	CONVERTER	III
BB	6	RED	100	CHASSIS FUSE PANEL	III
CC	4	RED	100	HYDRAULIC JACKS	III
EE	4	RED	100	INVERTER	III

12 VOLT FUSE AT BATTERY				
NO	GA.	COLOR	AMPS	POWER TO
DD	14	YELLOW	15	RADIO MEMORY

APPLIANCE/GENERATOR SPECS		
APPLIANCE	VOLTS	AMPS
MICROWAVE (USA & CSA)	120	12
AIR CONDITIONER	115	15.5
REFRIGERATOR	120	2.5
CONVERTER	120	7.5
5.5 ONAN	120	45.8

120 VOLT CIRCUITS				
CIRCUIT	GA.	VOLTS	AMPS	POWER TO
1 (A,B)	6	120VAC	50 AMP	MAIN (LINE1)
2 (A,B)	6	120VAC	50 AMP	MAIN (LINE2)
3 (A,B)	12	120VAC	20 AMP	AIR CONDITIONER
4A	14	120VAC	15 AMP	MICROWAVE
4B	14	120VAC	15 AMP	GFCI RECEPES
5A	14	120VAC	15 AMP	GENERAL RECEPES
5B	14	120VAC	15 AMP	CONVERTER
6A	14	120VAC	15 AMP	WATER HEATER
6B	12	120VAC	20 AMP	REAR AIR CONDITIONER

## A.C.E. 30.3

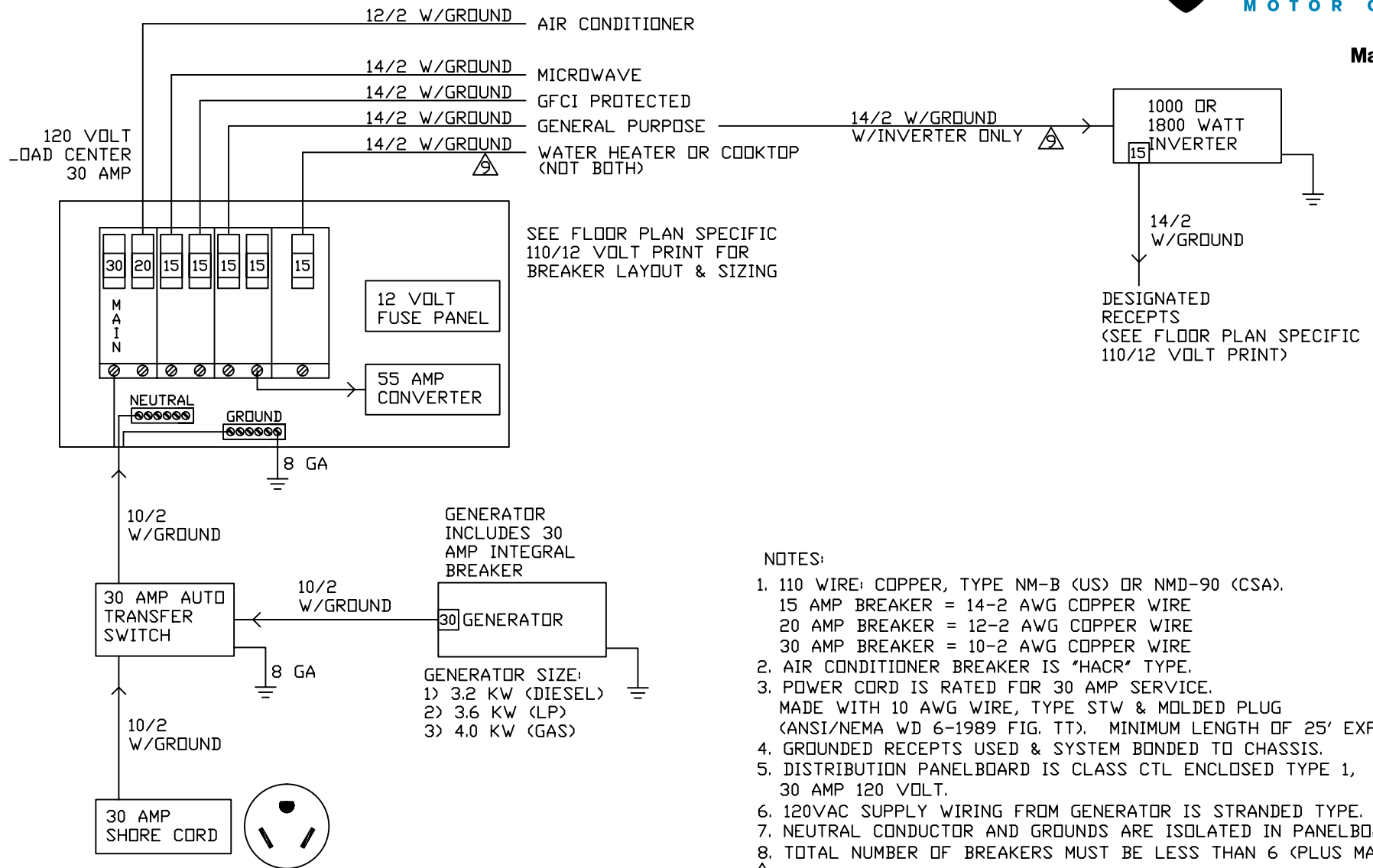
### 12/120; 50A Volt Electrical Circuits

Model Year 2019

TEE2255-09: 03/08/18

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SEE FLOOR PLAN SPECIFIC 110/12 VOLT PRINT FOR BREAKER LAYOUT & SIZING

NOTES:

1. 110 WIRE: COPPER, TYPE NM-B (US) OR NMD-90 (CSA).  
15 AMP BREAKER = 14-2 AWG COPPER WIRE  
20 AMP BREAKER = 12-2 AWG COPPER WIRE  
30 AMP BREAKER = 10-2 AWG COPPER WIRE
  2. AIR CONDITIONER BREAKER IS "HACR" TYPE.
  3. POWER CORD IS RATED FOR 30 AMP SERVICE.  
MADE WITH 10 AWG WIRE, TYPE STW & MOLDED PLUG (ANSI/NEMA WD 6-1989 FIG. TT). MINIMUM LENGTH OF 25' EXPOSED.
  4. GROUNDED RECEPTS USED & SYSTEM BONDED TO CHASSIS.
  5. DISTRIBUTION PANELBOARD IS CLASS CTL ENCLOSED TYPE 1, 30 AMP 120 VOLT.
  6. 120VAC SUPPLY WIRING FROM GENERATOR IS STRANDED TYPE.
  7. NEUTRAL CONDUCTOR AND GROUNDS ARE ISOLATED IN PANELBOARD.
  8. TOTAL NUMBER OF BREAKERS MUST BE LESS THAN 6 (PLUS MAIN).
- ⚠️ INSTALL BREAKER AND WIRE WITH APPLIANCE, ONLY.

# A.C.E. 30.3

120V; 30A Power Diagram

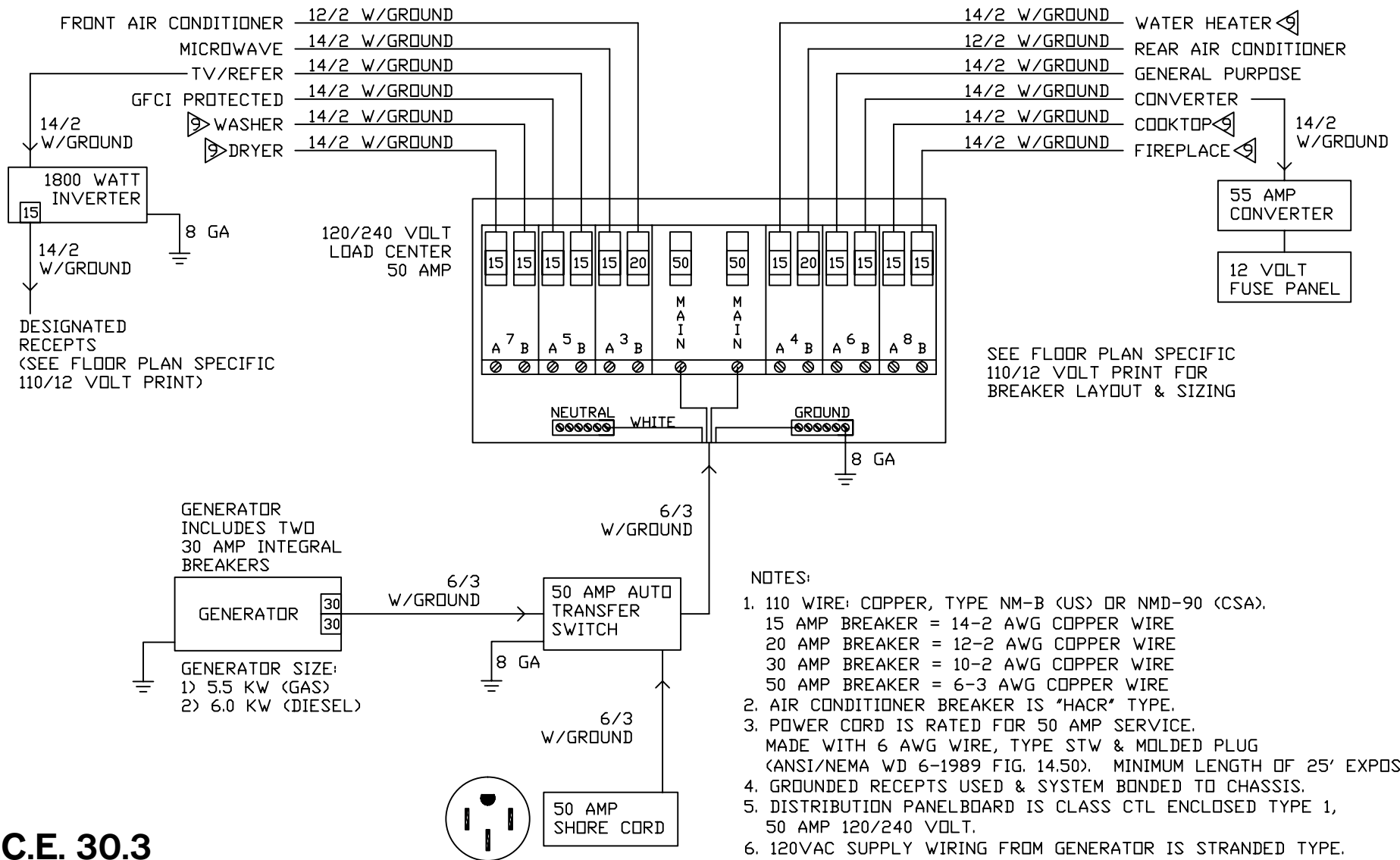
Model Year 2019

TEE1880-02: 11/28/17

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SEE FLOOR PLAN SPECIFIC  
110/12 VOLT PRINT FOR  
BREAKER LAYOUT & SIZING

NOTES:

- 110 WIRE: COPPER, TYPE NM-B (US) OR NMD-90 (CSA).  
15 AMP BREAKER = 14-2 AWG COPPER WIRE  
20 AMP BREAKER = 12-2 AWG COPPER WIRE  
30 AMP BREAKER = 10-2 AWG COPPER WIRE  
50 AMP BREAKER = 6-3 AWG COPPER WIRE
- AIR CONDITIONER BREAKER IS "HACR" TYPE.
- POWER CORD IS RATED FOR 50 AMP SERVICE.  
MADE WITH 6 AWG WIRE, TYPE STW & MOLDED PLUG  
(ANSI/NEMA WD 6-1989 FIG. 14.50). MINIMUM LENGTH OF 25' EXPOSED.
- GROUND RECEPTS USED & SYSTEM BONDED TO CHASSIS.
- DISTRIBUTION PANELBOARD IS CLASS CTL ENCLOSED TYPE 1,  
50 AMP 120/240 VOLT.
- 120VAC SUPPLY WIRING FROM GENERATOR IS STRANDED TYPE.
- NEUTRAL CONDUCTOR AND GROUNDS ARE ISOLATED IN PANELBOARD.
- TOTAL NUMBER OF BREAKERS MUST BE LESS THAN 12 (PLUS MAIN).
- INSTALL BREAKER AND WIRE WITH APPLIANCE, ONLY.

## A.C.E. 30.3

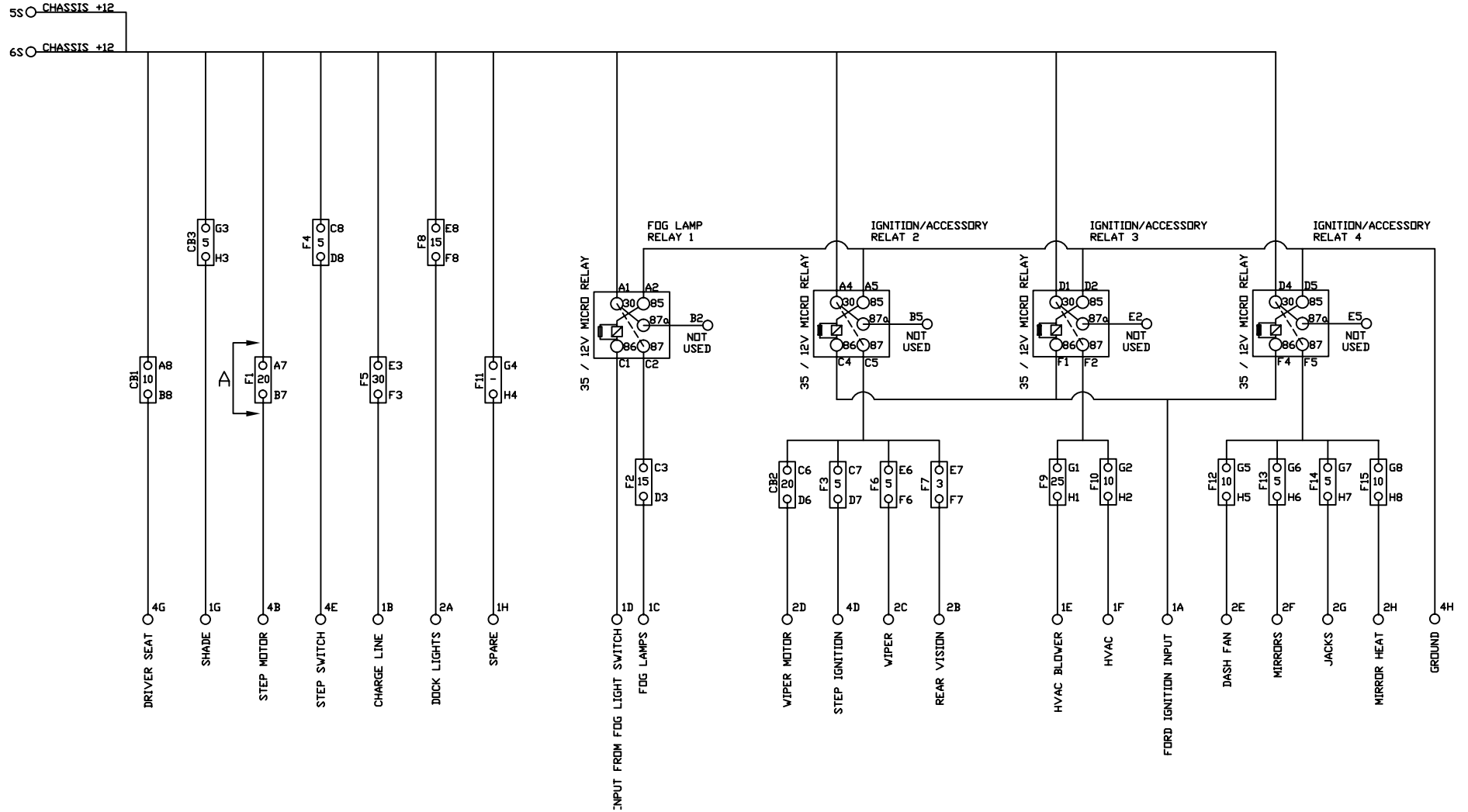
120V; 50A Power Diagram

Model Year 2019

TEE1866-04: 11/30/17

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A ON OUTLAW 37LS, AND 37MD  
USE 20 AMP CIRCUIT BREAKER



# A.C.E. 30.3

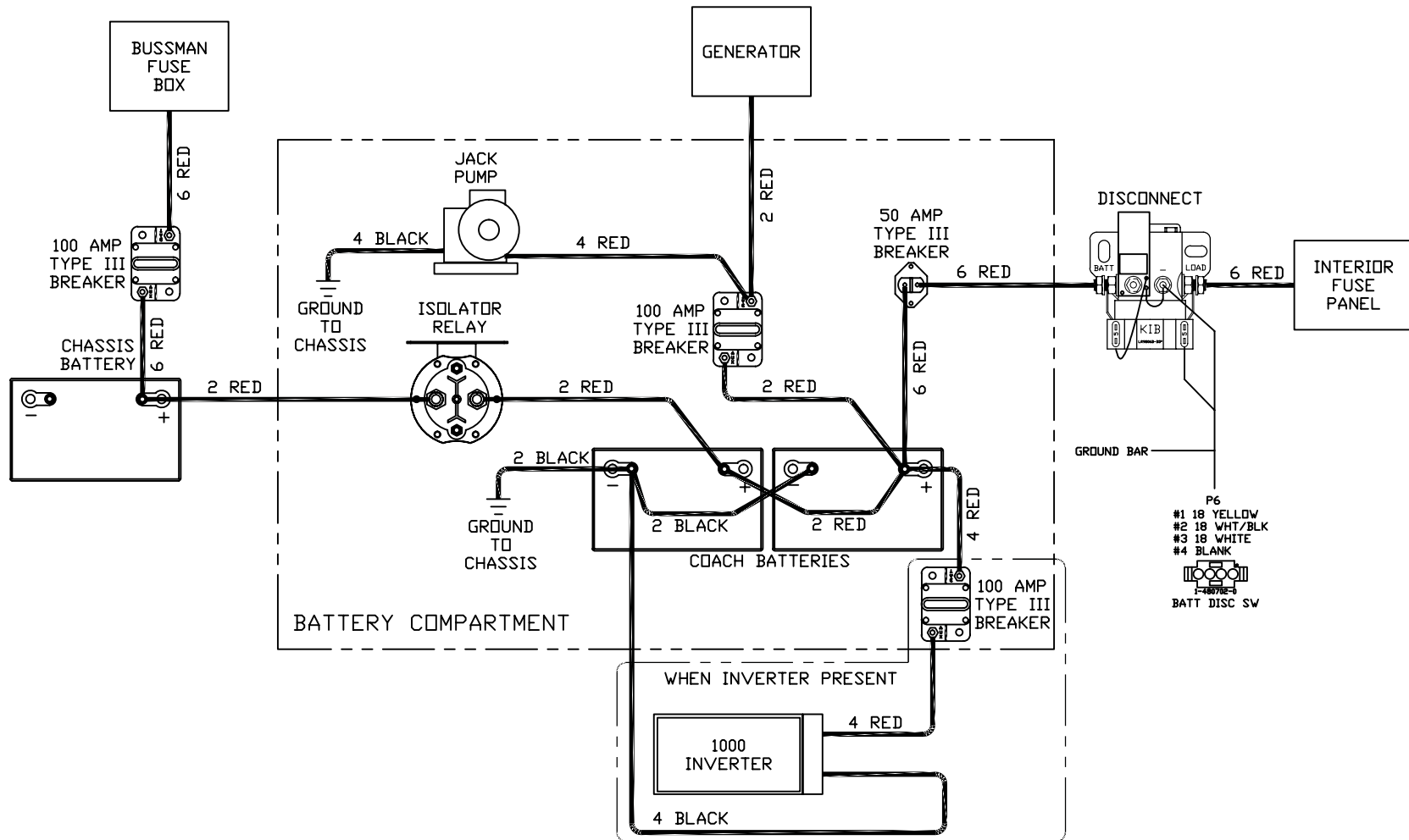
## Electrical Distribution Schematic

Model Year 2019

TEE1133-02: 09/27/17

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## A.C.E. 30.3

### Battery Compartment

Model Year 2019

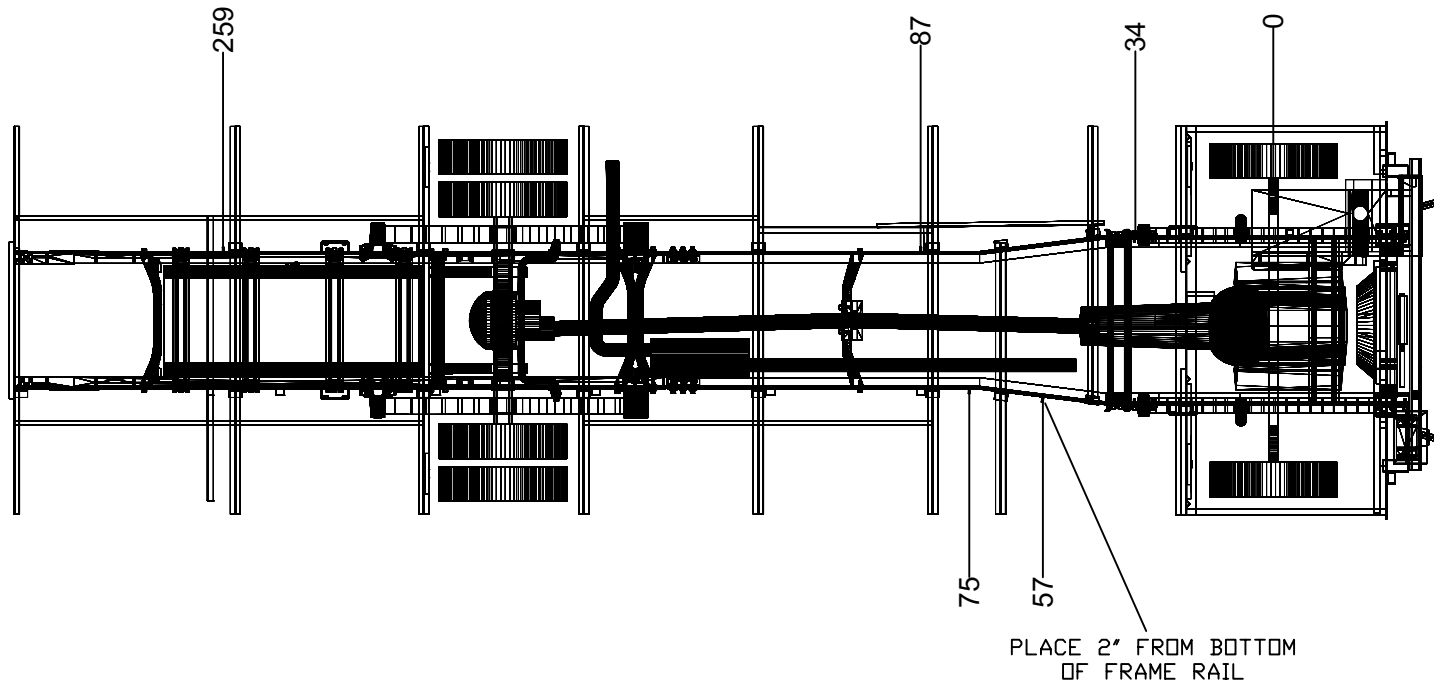
TEE3284-00: 02/12/18

1 of 1

NOTES:

DIMENSIONS TO CENTER OF GROUND STUDS  
 GRIND PAINT OFF FRAME APPROXIMATELY 1" IN  
 CENTER OF VERTICAL FACE OF FRAME. WELD  
 5/16" x 1 1/4" STUD IN CENTER OF BARE METAL.  
 IF USING A BOLT THROUGH HOLE IN FRAME, WELD  
 ONLY ON INSIDE OF RAIL.  
 TOLERANCES: STUD OR HOLE; +/- 2"

BATTERY CABLES, SDM AND SIR INFLATOR MODULES  
 MUST BE DISCONNECTED PRIOR TO ANY WELDING  
 ON THE CHASSIS



## A.C.E. 30.3

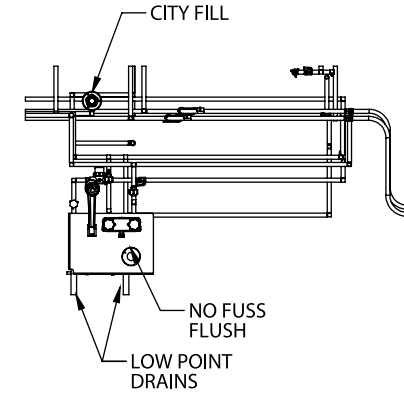
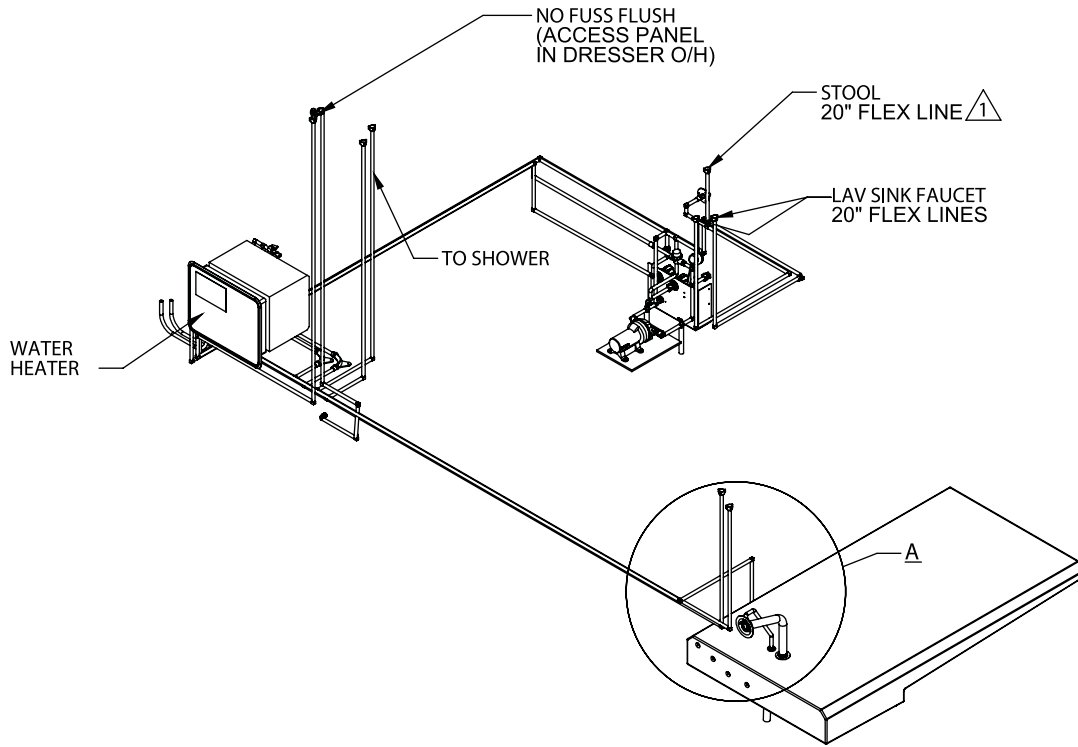
### Ground Studs

Model Year 2019

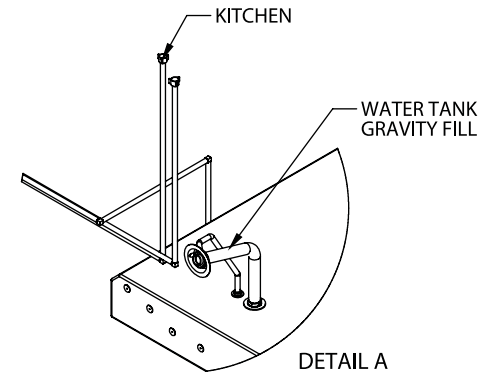
TEE1951-00: 04/15/16

1 of 1

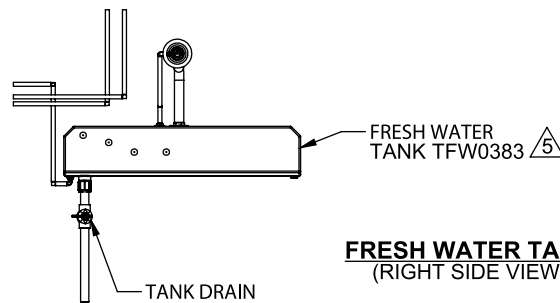
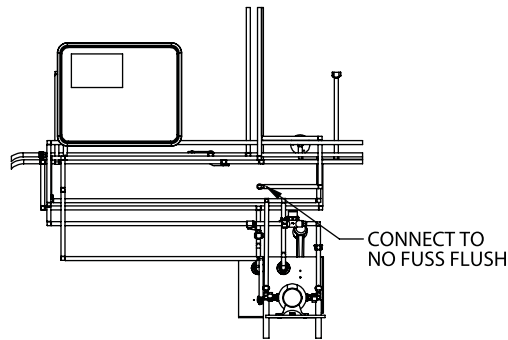
Made to fit.



**VIEW OF TERMINATION**  
TRUNK BOX (LEFT SIDE)



DETAIL A



**FRESH WATER TANK**  
(RIGHT SIDE VIEW)

COLD = BLUE  
HOT = RED  
NO FUSS FLUSH = WHITE

WATER LINES:  
SDR9 PEX-A, CSA APPROVED  
1/2" I.D. POTABLE  
160 PSI @ 79.4F  
100 PSI @ 180F  
80 PSI @ 200F

COPPER AND PLASTIC ELBOWS AND TEES USED  
WATER LINES SECURED EVERY THREE FEET.

# A.C.E. 30.3

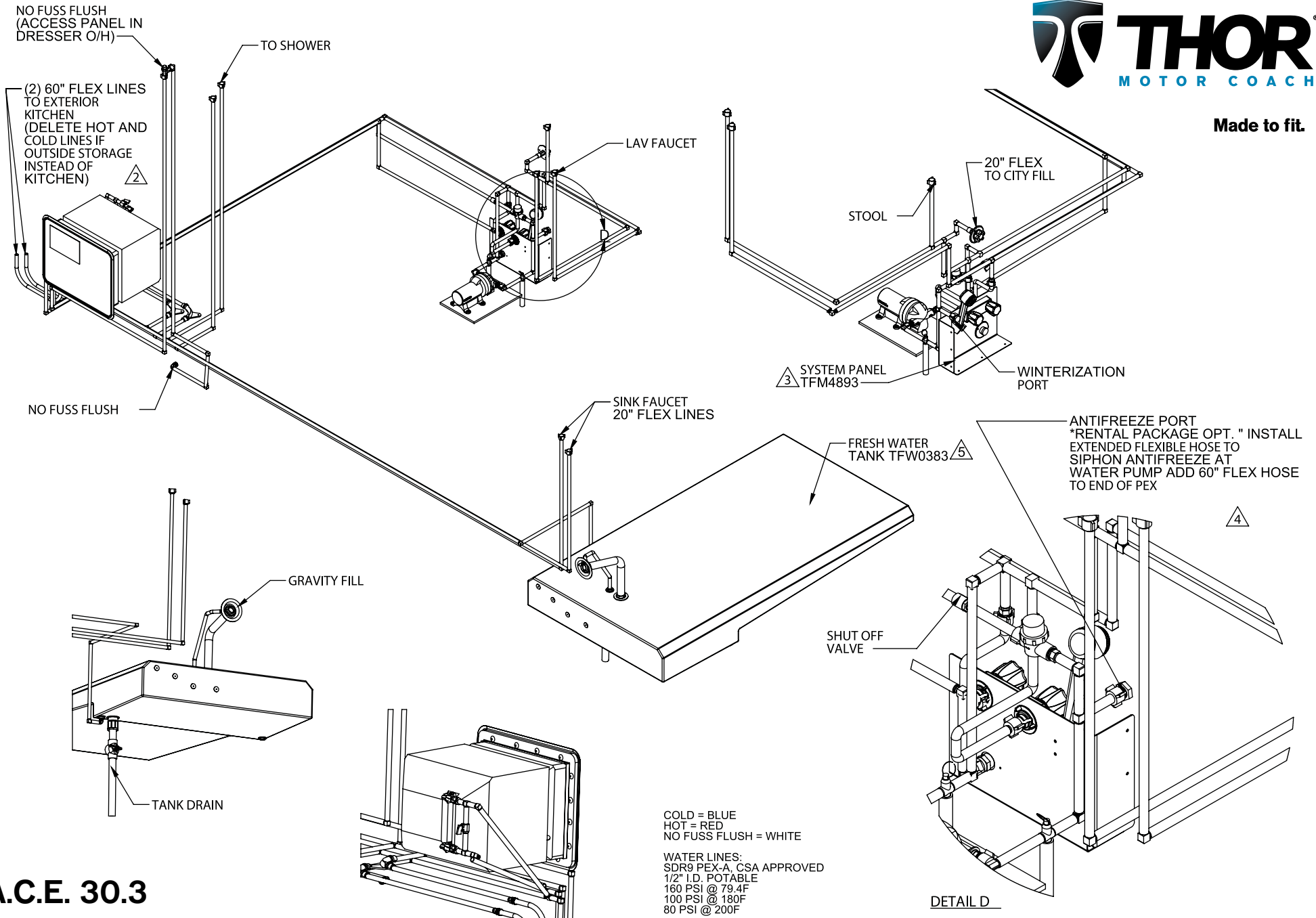
## Fresh Water Plumbing

Model Year 2019

TFW0279-06: 03/26/18

1 of 3

Made to fit.



**A.C.E. 30.3**  
Fresh Water Plumbing

Model Year 2019  
TFW0279-06: 03/26/18  
2 of 3

**WATER HEATER**  
(REAR VIEW)

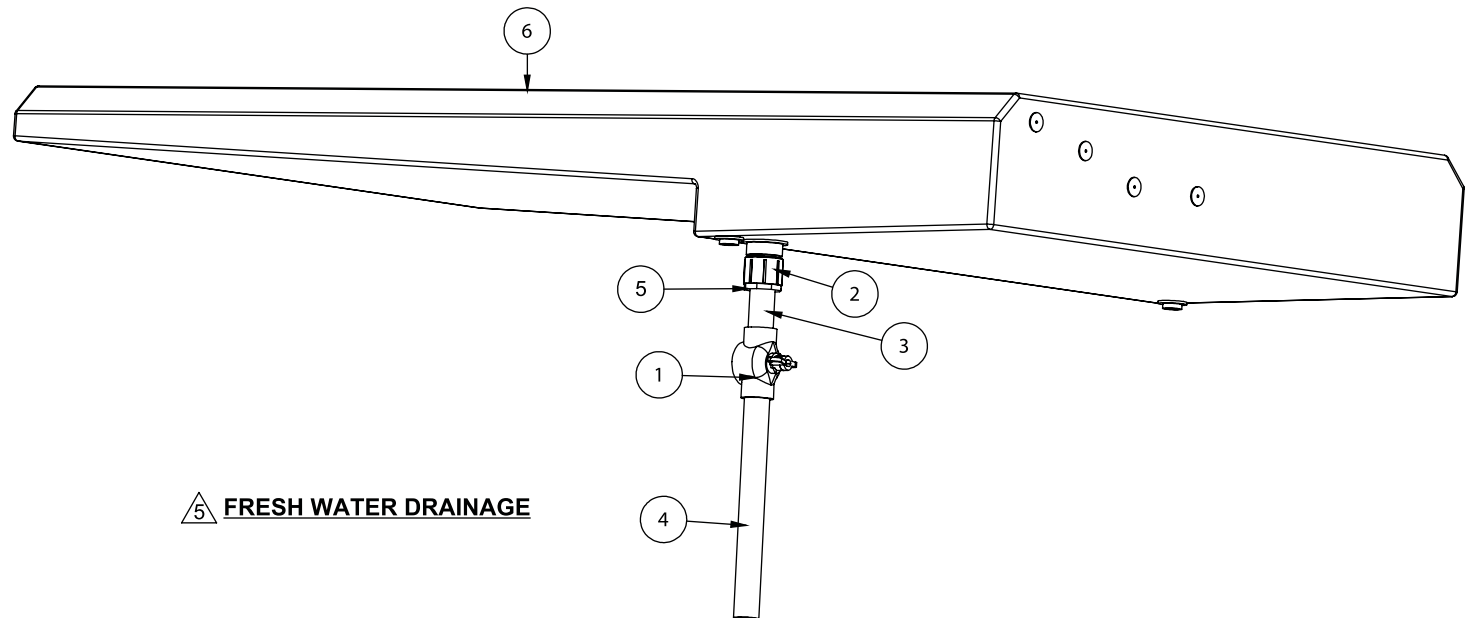
COLD = BLUE  
HOT = RED  
NO FUSS FLUSH = WHITE

WATER LINES:  
SDR9 PEX-A, CSA APPROVED  
1/2" I.D. POTABLE  
160 PSI @ 79.4F  
100 PSI @ 180F  
80 PSI @ 200F

COPPER AND PLASTIC ELBOWS AND TEES USED.  
WATER LINES SECURED EVERY THREE FEET.

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BOM				
NO	QTY	DESCRIPTION - W x L (GRAIN)	SIZE A	SIZE B
1	1	BALL VALVE, PVC 1		
2	1	FITTING, SWIVEL PVC 1.25		
3	1	PIPE, PVC 1"		3
4	1	PIPE, PVC 1"		12
5	1	REDUCER, PVC 1.25-1		
6	1	TANK, FRESH WATER (TFW0383)		



 **FRESH WATER DRAINAGE**

## A.C.E. 30.3

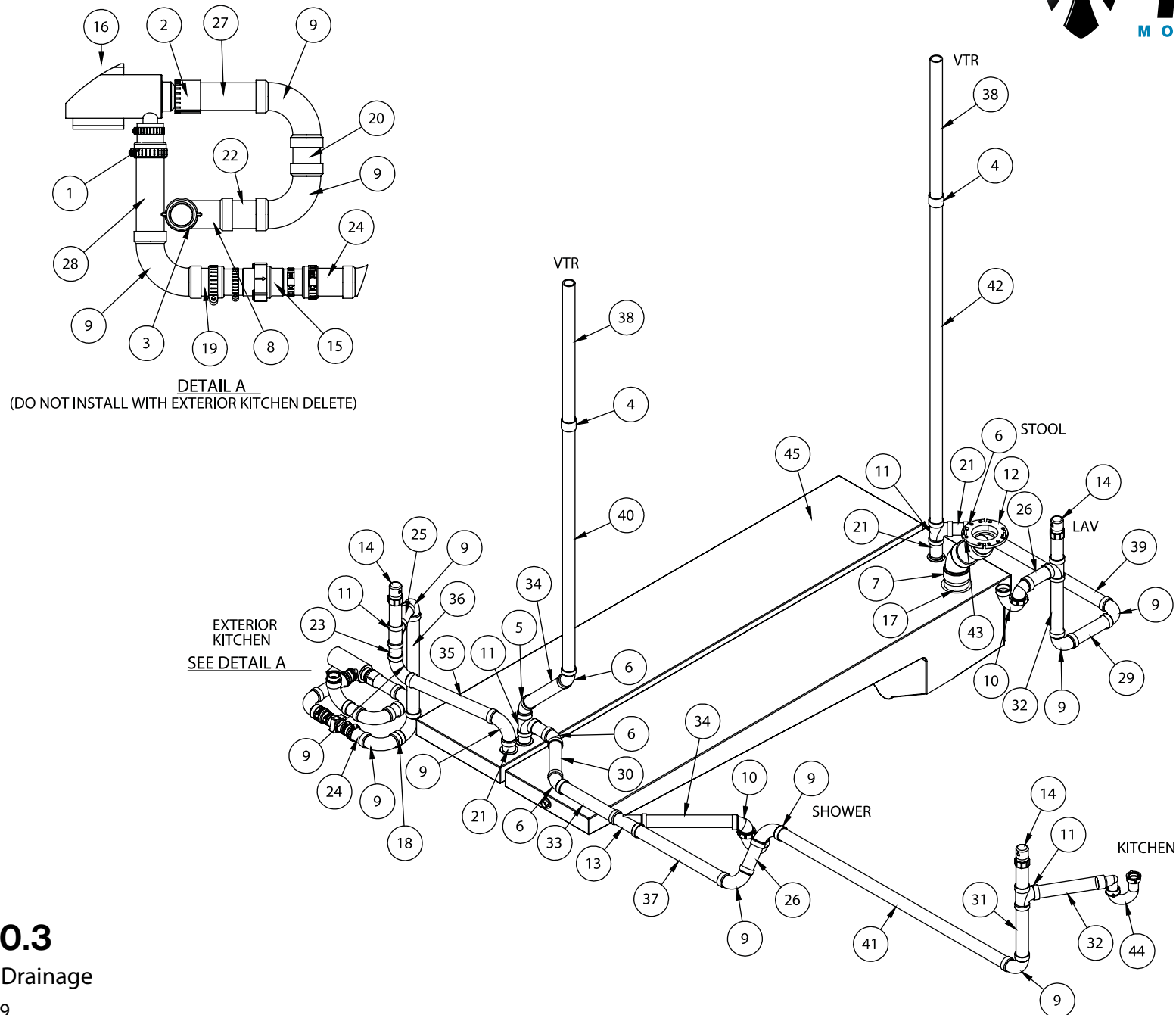
### Fresh Water Plumbing

Model Year 2019

TFW0279-06: 03/26/18

3 of 3

Made to fit.



# A.C.E. 30.3

## Waste Water Drainage

Model Year 2019  
 TDW0829-00: 01/24/18  
 1 of 2





Made to fit.

LAYOUT, DRAINAGE			
NO	QTY	DESCRIPTION - W x L (GRAIN)	SIZE B
13		1.25 x 1.75 RUBBER REDUCER COUPLER	
21		1.5 COUPLER x 1.5 FEMALE THREAD	
31		1.5 COUPLER x 1.5 SLIP JOINT	
42		ABS COUPLER, 1-1/2"	
51		ABS ELBOW, 45° STREET, 1-1/2"	
64		ABS ELBOW, 45°, 1-1/2"	
71		ABS ELBOW, 45°, 3"	
81		ABS ELBOW, 90° LONG TURN STREET, 1-1/2"	
91	3	ABS ELBOW, 90° LONG TURN, 1-1/2"	
10	2	ABS P-TRAP, SCHEDULE 40, 1 1/2"	
11	5	ABS SANITARY TEE, 90°, 1-1/2"	
12	1	ABS STOOL FLANGE, 45°	
13	1	ABS WYE, 1-1/2"	
14	3	ABS, ANTI-SIPHON VENT, 1-1/2"	
15	1	CHECK VALVE (0308711)	
16	1	MACERATOR PUMP (0227639)	
17	1	NIPPLE TOE, 3"	
18	1P	IPE, ABS 1-1/2"1	3/16
19	1P	IPE, ABS 1-1/2"2	
20	1P	IPE, ABS 1-1/2"2	1/2
21	5P	IPE, ABS 1-1/2"3	
22	1P	IPE, ABS 1-1/2"3	
23	1P	IPE, ABS 1-1/2"3	
24	1P	IPE, ABS 1-1/2"3	3/16
25	1P	IPE, ABS 1-1/2"4	1/2
26	2P	IPE, ABS 1-1/2"5	
27	1P	IPE, ABS 1-1/2"5	
28	1P	IPE, ABS 1-1/2"6	1/2
29	1P	IPE, ABS 1-1/2"8	
30	1P	IPE, ABS 1-1/2"9	1/8
31	1P	IPE, ABS 1-1/2"1	0
32	2P	IPE, ABS 1-1/2"1	1
33	1P	IPE, ABS 1-1/2"1	2
34	2P	IPE, ABS 1-1/2"1	4
35	1P	IPE, ABS 1-1/2"1	6
36	1P	IPE, ABS 1-1/2"	18 5/8
37	1P	IPE, ABS 1-1/2"1	9
38	2P	IPE, ABS 1-1/2"2	6
39	1P	IPE, ABS 1-1/2"2	7
40	1P	IPE, ABS 1-1/2"4	6
41	1P	IPE, ABS 1-1/2"4	9
42	1P	IPE, ABS 1-1/2"6	0
43	1	PIPE, ABS 3"	5 3/4
44	1	SCHEDULE 40 P-TRAP	
45	1	SPIN FITTING LOCATIONS (TDW0563)	

BOM TOTAL			
QTY	DESCRIPTION	EXTENDEDU	/M
3	1.25 x 1.75 RUBBER REDUCER COUPLER	3	EA
1	1.5 COUPLER x 1.5 FEMALE THREAD	1	EA
1	1.5 COUPLER x 1.5 SLIP JOINT	1	EA
2	ABS COUPLER, 1-1/2"	2	EA
1	ABS ELBOW, 45° STREET, 1-1/2"	1	EA
4	ABS ELBOW, 45°, 1-1/2"	4	EA
1	ABS ELBOW, 45°, 3"	1	EA
1	ABS ELBOW, 90° LONG TURN STREET, 1-1/2"	1	EA
13	ABS ELBOW, 90° LONG TURN, 1-1/2"	13	EA
2	ABS P-TRAP, SCHEDULE 40, 1 1/2"	2	EA
5	ABS SANITARY TEE, 90°, 1-1/2"5		EA
1	ABS STOOL FLANGE, 45°	1	EA
1	ABS WYE, 1-1/2"	1	EA
3	ABS, ANTI-SIPHON VENT, 1-1/2"	3	EA
1	CHECK VALVE (0308711)	1	EA
1	MACERATOR PUMP (0227639)	1	EA
1	NIPPLE TOE, 3"	1	EA
33	PIPE, ABS 1-1/2"	36.06	LF
1	PIPE, ABS 3"	0.48	LF
1	SCHEDULE 40 P-TRAP	1	EA
4	STAR Lock Washer .25	4	EA

## A.C.E. 30.3

### Waste Water Drainage

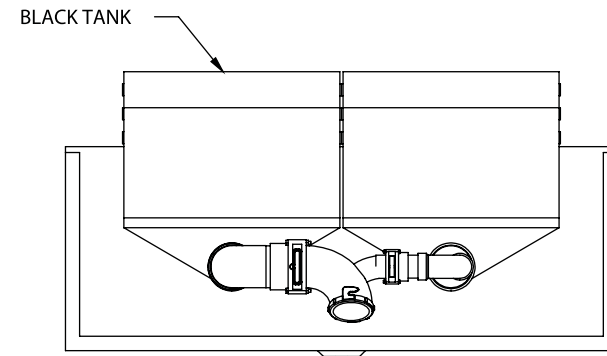
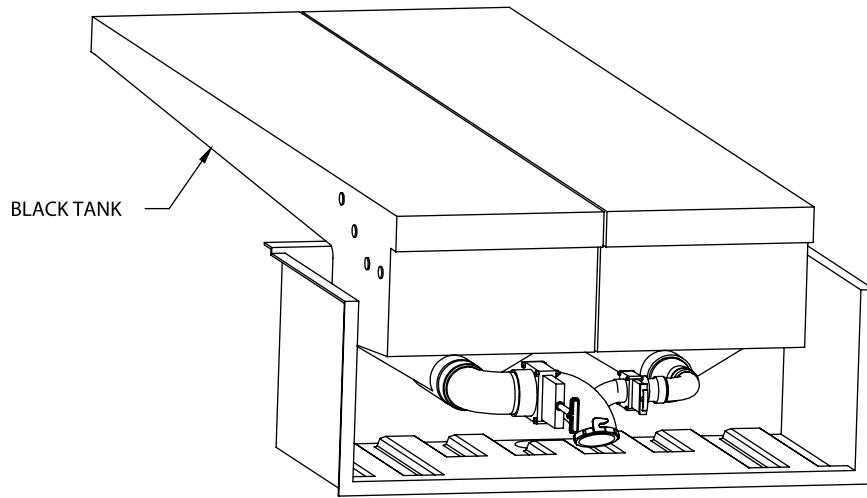
Model Year 2019

TDW0829-00: 01/24/18

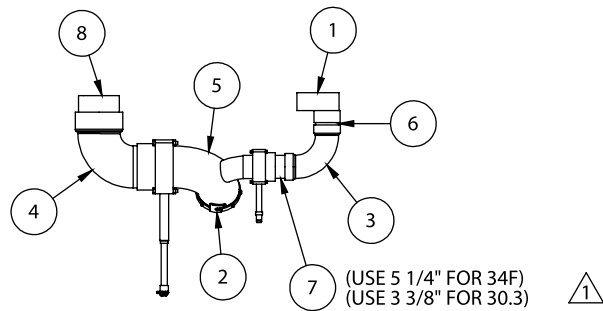
2 of 2

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Made to fit.



**35C SHOWN**



NO	QTY	DESCRIPTION - W x L (GRAIN)	SIZE A	SIZE B
1	1	3 X 1 1-2 REDUCER		
2	1	3 INCH TERMINATION CAP		
3	1	ABS ELBOW, 90° LONG TURN, 1-1/2"		
4	1	ABS ELBOW, 90° STREET, 3"		
5	1	DOUBLE ELL ROTATING TERMINATION VALVE		
6	1	PIPE, ABS 1-1/2"		1 5/8
7	1	PIPE, ABS 1-1/2"		2 5/8
8	1	PIPE, ABS 3"		3

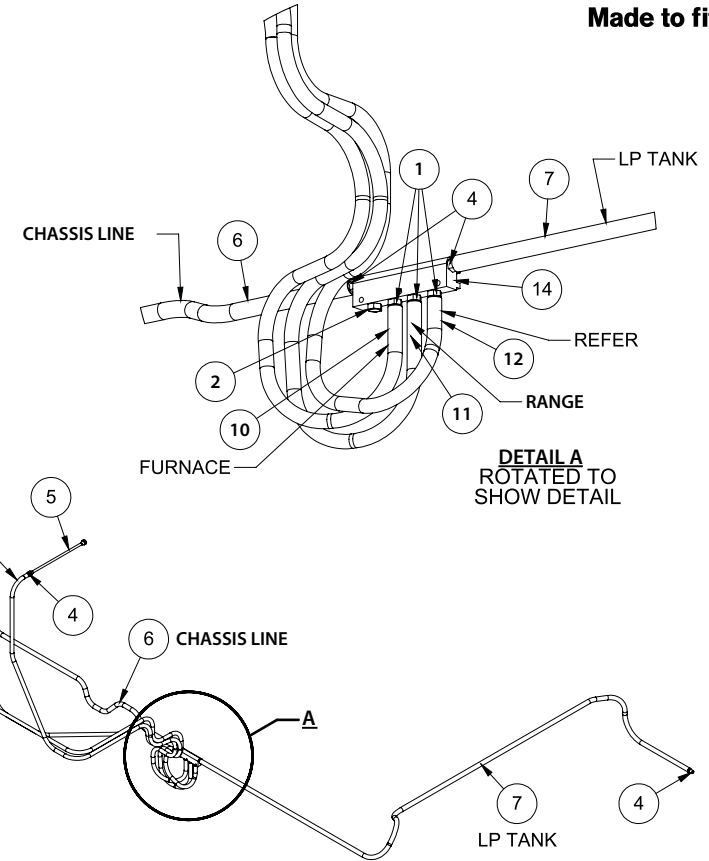
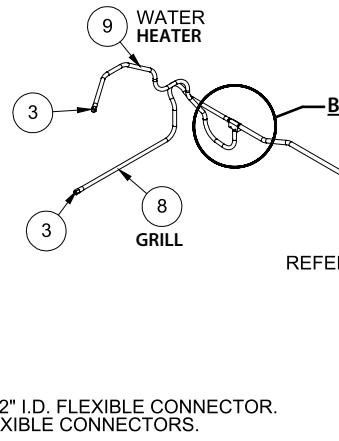
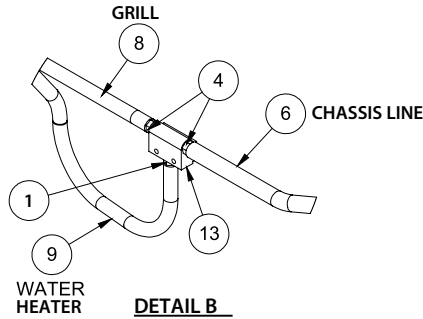
## A.C.E. 30.3

### Termination Valves

Model Year 2019  
TDW0424-01: 04/07/16  
1 of 1

Made to fit.

BOM				
NO	QTYD	DESCRIPTION - W x L (GRAIN)	SIZE AS	IZE B
1	4	.25" MALE END		
21		.25" MALE END CAP		
3	4	.375" FEMALE END		
4	6	.375" MALE END		
5	1	COPPER RISER 12"		
6	1	LP, FLEX LINE 1/2"		120
7	1	LP, FLEX LINE 1/2"		132
8	1	LP, FLEX LINE 3/8"		48
9	1	LP, FLEX LINE 3/8"		60
10	1	LP, FLEX LINE 3/8"		90
11	1	LP, FLEX LINE 3/8"		96
12	1	LP, FLEX LINE 3/8"		120
13	1	SPLITTER 3 WAY		
14	1	SPLITTER 6 WAY		



**NOTES:**

- 1/2" ID AND 3/8" ID RUBBER MANIFOLD USED.
- MANIFOLD CONNECTED TO GAS SUPPLY BY A LISTED 1/2" I.D. FLEXIBLE CONNECTOR.
- MANIFOLD CONNECTED TO APPLIANCES BY 3/8" I.D. FLEXIBLE CONNECTORS.
- 3/8" FLAIR COPPER FITTINGS USED.
- MAXIMUM DEVELOPED LENGTH: USA=324" & CSA=324"
- THIS SYSTEM SIZED BY TESTING ACCORDING TO LATEST ANSI A119.2 / NFPA 1192 CODE. REFERENCE TEST REPORT:
- APPLIANCE INPUT RATINGS:
  - WATER HEATER: 8,800 BTUH ACTUAL
  - REFRIGERATION: 1,500 BTUH ACTUAL
  - RANGE: 29,100 BTUH ACTUAL
  - FURNACE: 35,000 BTUH ACTUAL
  - **GRILL: 12,000 BTUH ACTUAL**
  - TOTAL: 86,400 BTUH ACTUAL**
- ORDER OF APPLIANCES MAY VARY.
- L/P TANK REGULATOR IS A LISTED TWO STAGE WITH EXCESS FLOW VALVE RATED AT 195,000 BTUH.
- GROUND CLEARANCE:
  - 18" FROM BOTTOM OF L/P TANK TO GROUND.
  - 6 1/2" FROM BOTTOM FRONT AXLE TO GROUND.
- LP MANIFOLD IS GROUNDED TO FRAME THROUGH STAR WASHERS ON SPLITTER FASTENERS.

# A.C.E. 30.3

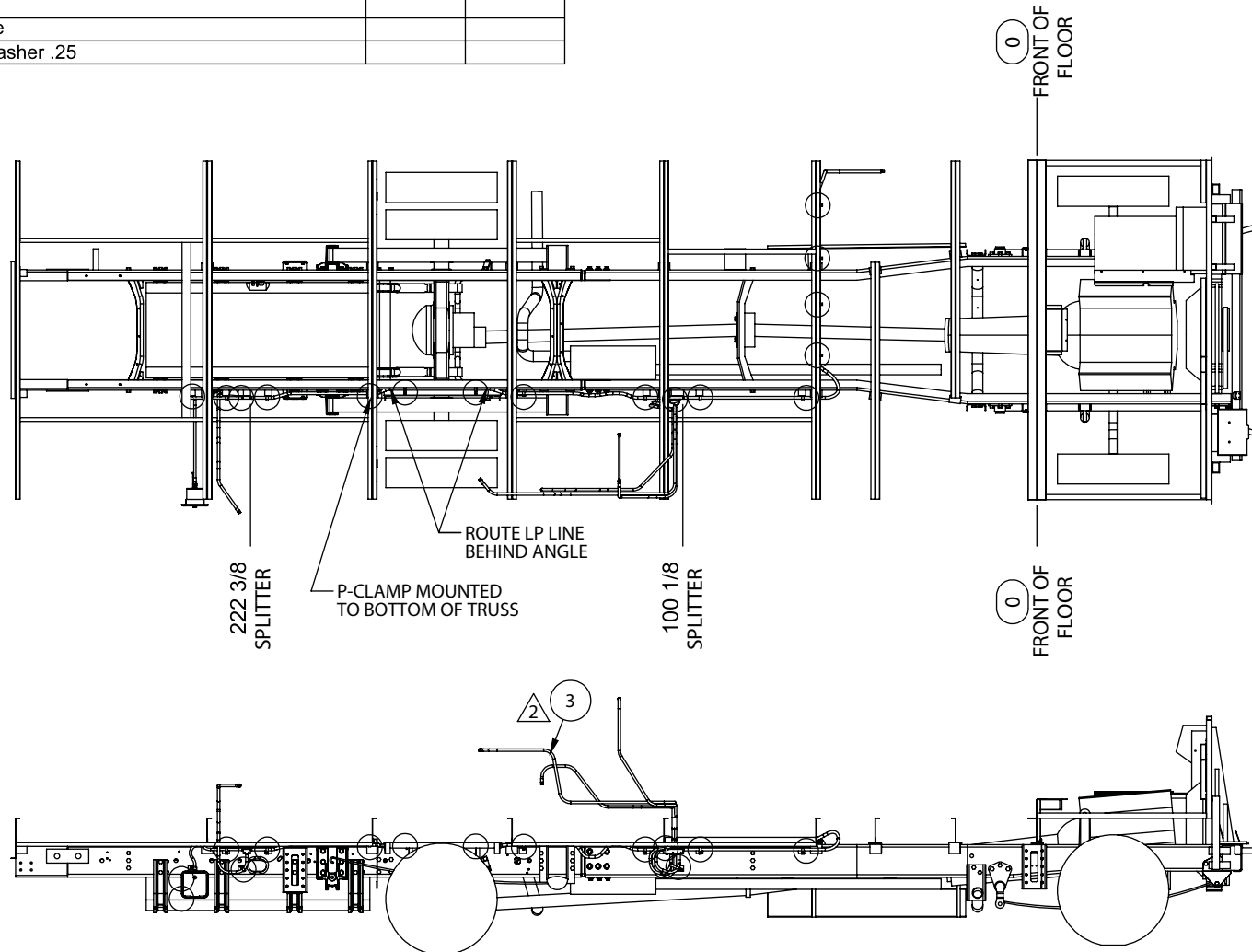
## Propane Layout

Model Year 2019

TLP0403-01: 10/17/17

Made to fit.

BOM				
NO	QTY	DESCRIPTION - W x L (GRAIN)	SIZE AS	IZE B
11		ANGLE, SUPPORT (TFM5007)		
21		AUXILIARY LP PORT		
31		MANIFOLD, FLEXIBLE LP (TLP0403)		
4	15	P-CLAMP		
5	2	P-Clamp Large		
64		STAR Lock Washer .25		



# A.C.E. 30.3

## Propane Layout

Model Year 2019

TLP0261-03: 10/17/17

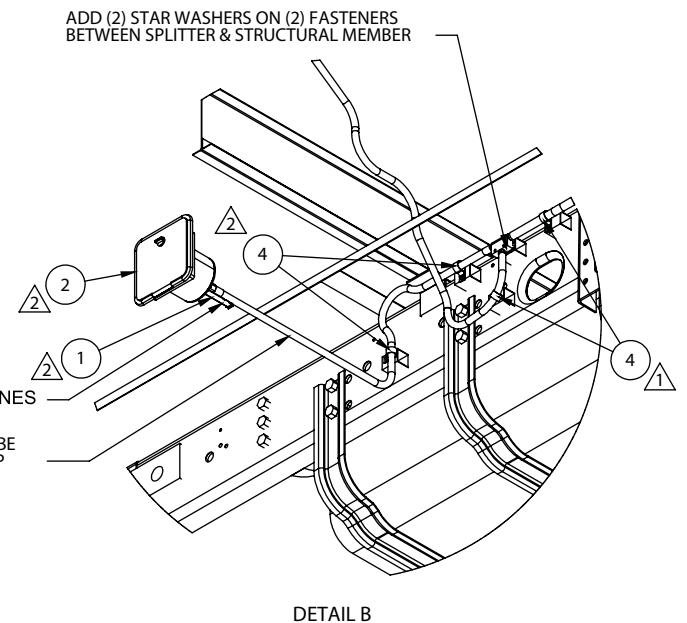
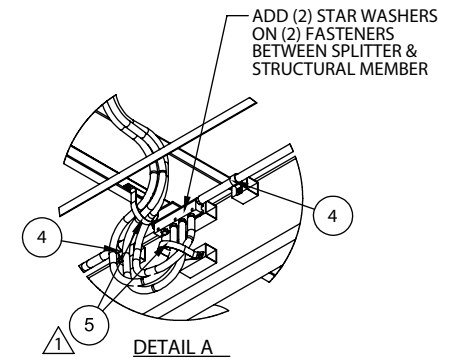
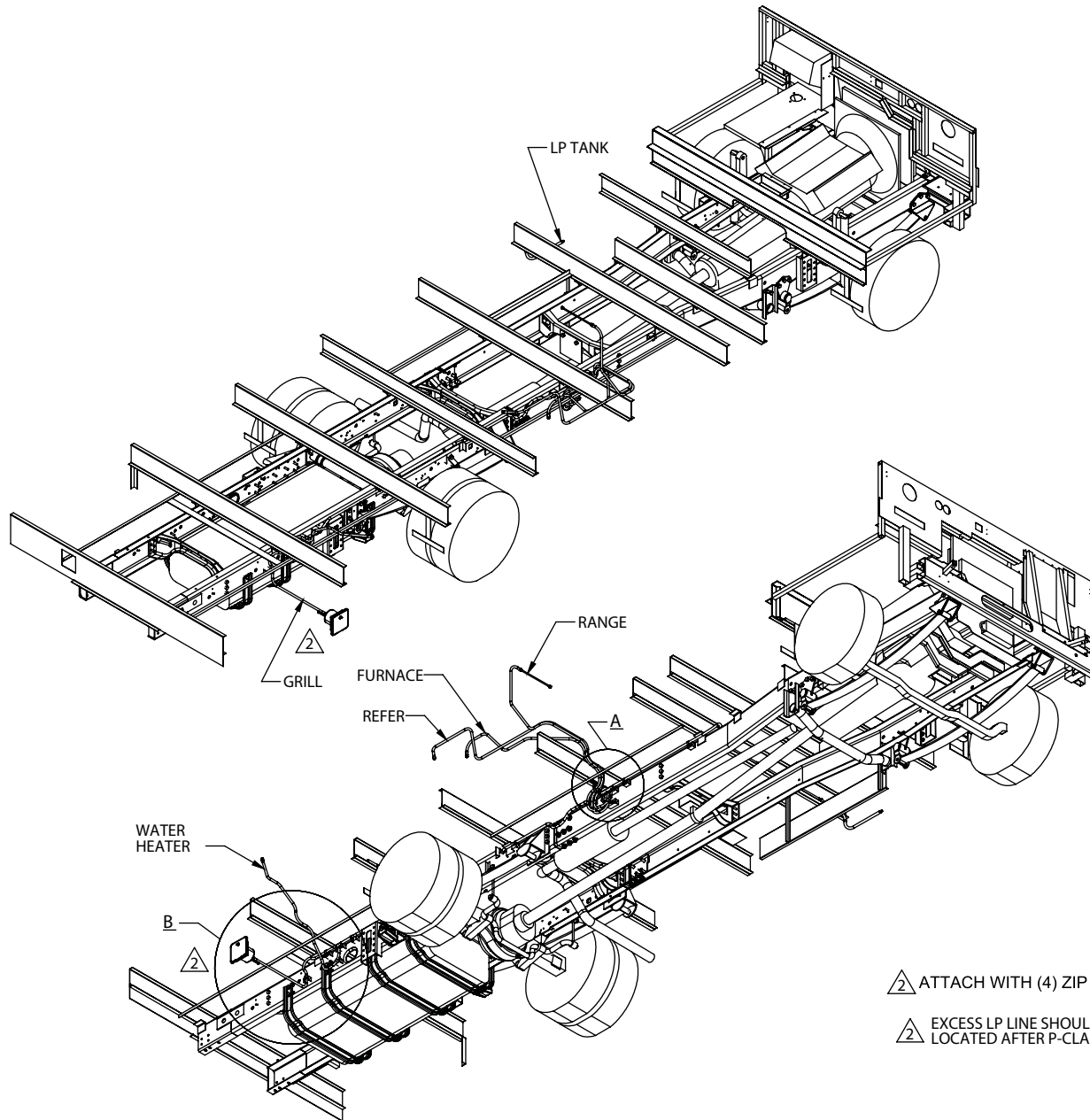
1 of 2

○ INDICATES P-CLAMP LOCATION



⚠ PROTECT LP LINES FROM SHARP EDGES

Made to fit.



- △ ATTACH WITH (4) ZIP LINES
- △ EXCESS LP LINE SHOULD BE LOCATED AFTER P-CLAMP

○ INDICATES P-CLAMP LOCATION

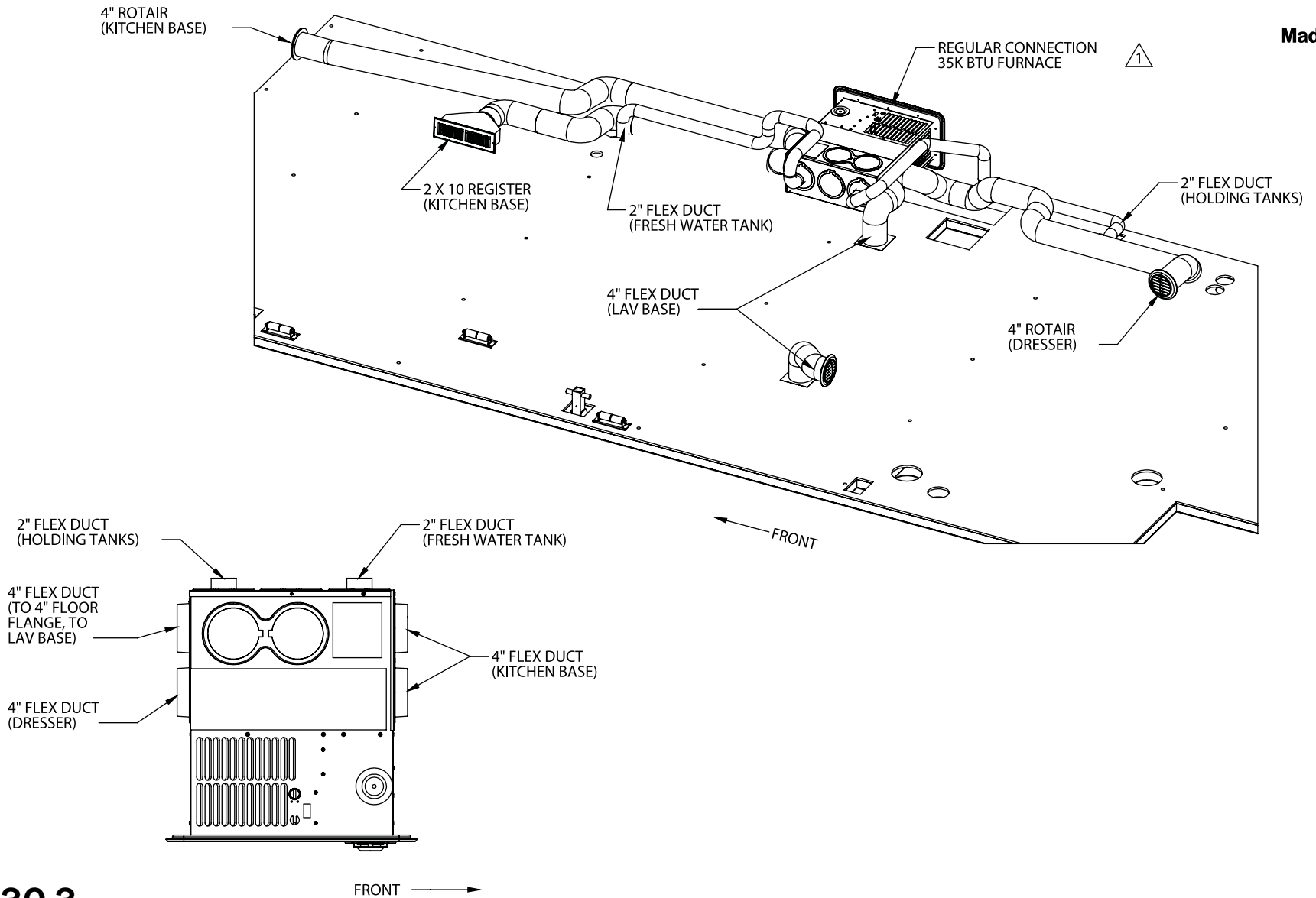
# A.C.E. 30.3

## Propane Layout

Model Year 2019

TLP0261-03: 10/17/17

Made to fit.



# A.C.E. 30.3

Heating Layout

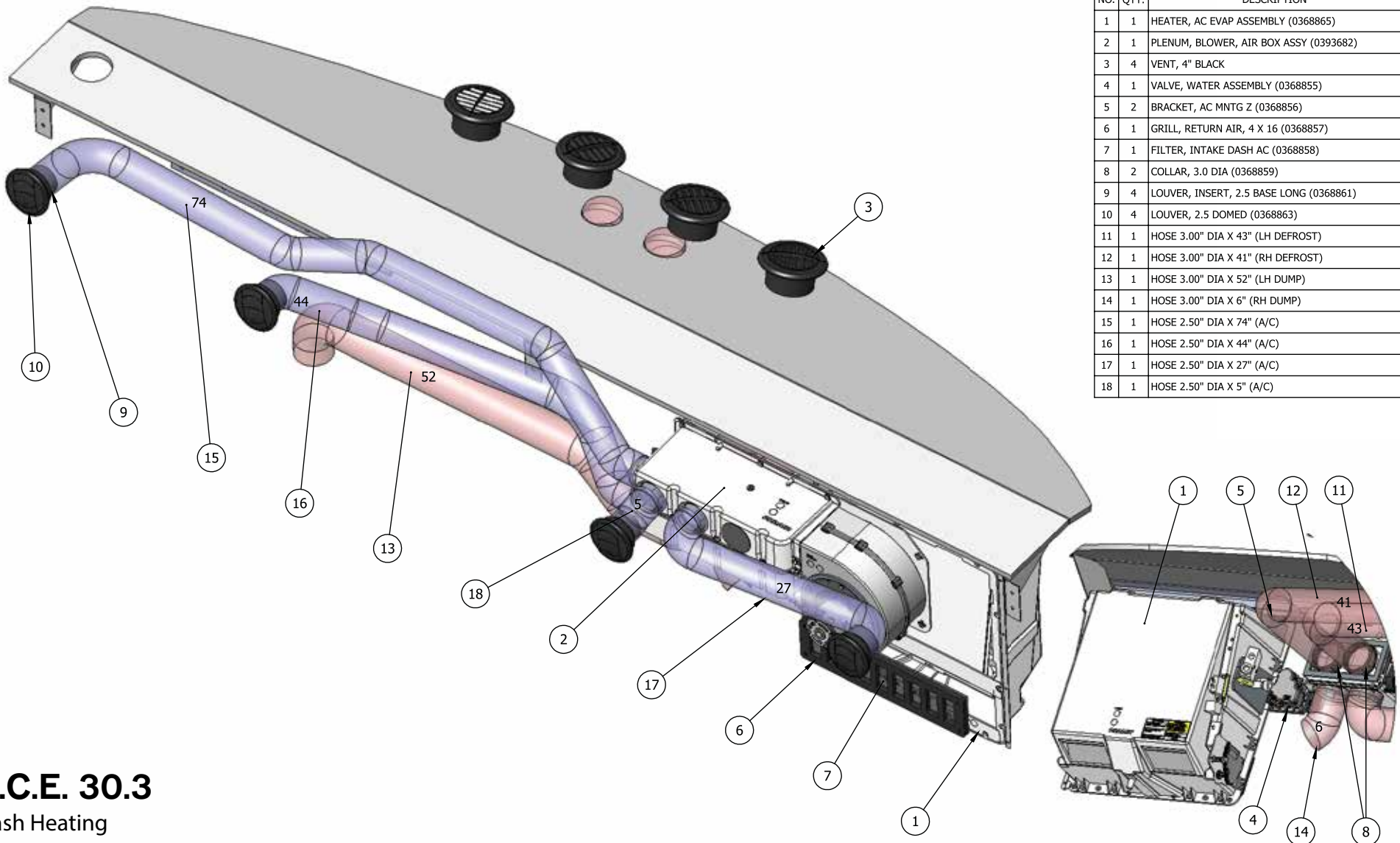
Model Year 2019

THL0170-01: 04/04/18

1 of 1

Made to fit.

NO.	QTY.	DESCRIPTION
1	1	HEATER, AC EVAP ASSEMBLY (0368865)
2	1	PLENUM, BLOWER, AIR BOX ASSY (0393682)
3	4	VENT, 4" BLACK
4	1	VALVE, WATER ASSEMBLY (0368855)
5	2	BRACKET, AC MNTG Z (0368856)
6	1	GRILL, RETURN AIR, 4 X 16 (0368857)
7	1	FILTER, INTAKE DASH AC (0368858)
8	2	COLLAR, 3.0 DIA (0368859)
9	4	LOUVER, INSERT, 2.5 BASE LONG (0368861)
10	4	LOUVER, 2.5 DOMED (0368863)
11	1	HOSE 3.00" DIA X 43" (LH DEFROST)
12	1	HOSE 3.00" DIA X 41" (RH DEFROST)
13	1	HOSE 3.00" DIA X 52" (LH DUMP)
14	1	HOSE 3.00" DIA X 6" (RH DUMP)
15	1	HOSE 2.50" DIA X 74" (A/C)
16	1	HOSE 2.50" DIA X 44" (A/C)
17	1	HOSE 2.50" DIA X 27" (A/C)
18	1	HOSE 2.50" DIA X 5" (A/C)



## A.C.E. 30.3

Dash Heating

Model Year 2019

THL0206-00: 03/13/17

1 of 1