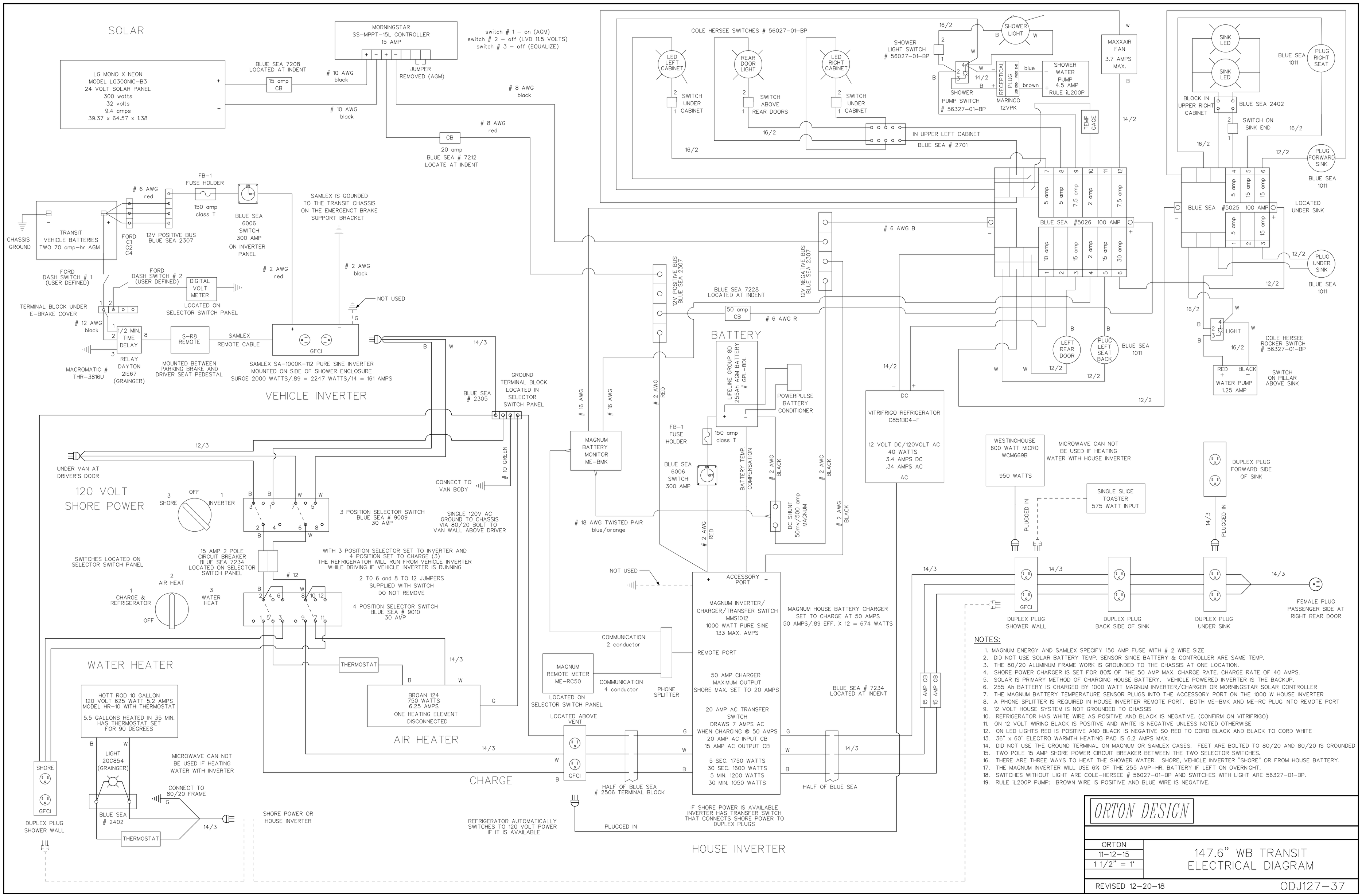

NOTES:

1. MAGNUM ENERGY AND SAMLEX SPECIFY 150 AMP FUSE WITH # 2 WIRE SIZE
2. DID NOT USE SOLAR BATTERY TEMP. SENSOR SINCE BATTERY & CONTROLLER ARE SAME TEMP.
3. THE 80/20 ALUMINUM FRAME WORK IS GROUNDED TO THE CHASSIS AT ONE LOCATION.
4. SHORE POWER CHARGER IS SET FOR 80% OF THE 50 AMP MAX. CHARGE RATE. CHARGE RATE OF 40 AMPS.
5. SOLAR IS PRIMARY METHOD OF CHARGING HOUSE BATTERY. VEHICLE POWERED INVERTER IS THE BACKUP.
6. 255 Ah BATTERY IS CHARGED BY 1000 WATT MAGNUM INVERTER/CHARGER OR MORNINGSTAR SOLAR CONTROLLER
7. THE MAGNUM BATTERY TEMPERATURE SENSOR PLUGS INTO THE ACCESSORY PORT ON THE 1000 W HOUSE INVERTER
8. A PHONE SPLITTER IS REQUIRED IN HOUSE INVERTER REMOTE PORT. BOTH ME-BMK AND ME-RC PLUG INTO REMOTE PORT
9. 12 VOLT HOUSE SYSTEM IS NOT GROUNDED TO CHASSIS
10. REFRIGERATOR HAS WHITE WIRE AS POSITIVE AND BLACK IS NEGATIVE. (CONFIRM ON VITRIFRIGO)
11. ON 12 VOLT WIRING BLACK IS POSITIVE AND WHITE IS NEGATIVE UNLESS NOTED OTHERWISE
12. ON LED LIGHTS RED IS POSITIVE AND BLACK IS NEGATIVE SO RED TO CORD BLACK AND BLACK TO CORD WHITE
13. 36" x 60" ELECTRO WARMTH HEATING PAD IS 6.2 AMPS MAX.
14. DID NOT USE THE GROUND TERMINAL ON MAGNUM OR SAMLEX CASES. FEET ARE BOLTED TO 80/20 AND 80/20 IS GROUNDED
15. TWO POLE 15 AMP SHORE POWER CIRCUIT BREAKER BETWEEN THE TWO SELECTOR SWITCHES.
16. THERE ARE THREE WAYS TO HEAT THE SHOWER WATER. SHORE, VEHICLE INVERTER "SHORE" OR FROM HOUSE BATTERY.
17. THE MAGNUM INVERTER WILL USE 6% OF THE 255 AMP-HR. BATTERY IF LEFT ON OVERNIGHT.
18. SWITCHES WITHOUT LIGHT ARE COLE-HERSEE # 56027-01-BP AND SWITCHES WITH LIGHT ARE 56327-01-BP.
19. RULE iL200P PUMP: BROWN WIRE IS POSITIVE AND BLUE WIRE IS NEGATIVE.

ORTON DESIGN

ORTON	147.6" WB TRANSIT ELECTRICAL DIAGRAM
11-12-15	
1 1/2" = 1'	
REVISED 12-20-18	ODJ127-37