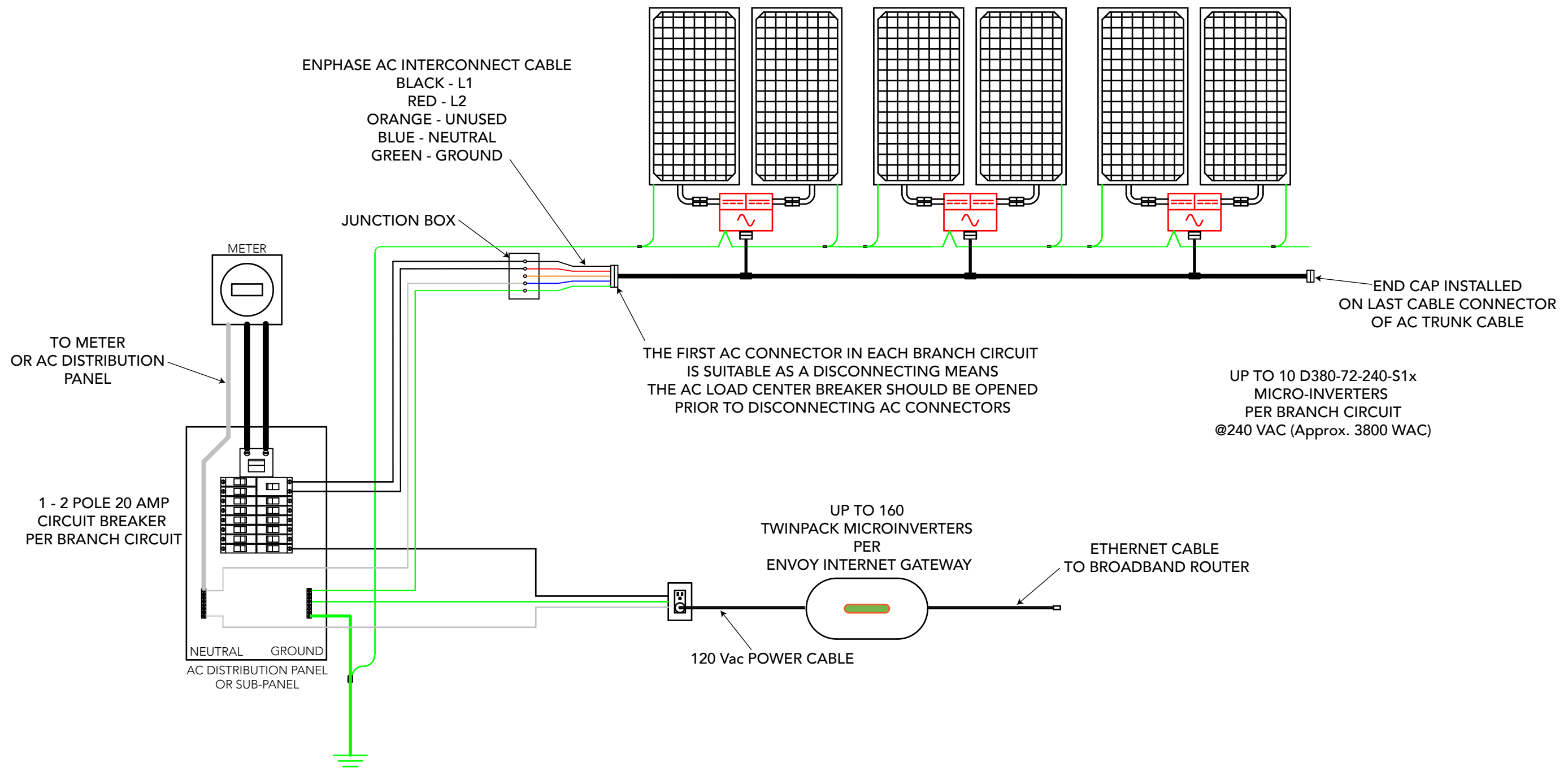


REVISIONS			
REV	DESCRIPTION	CHKD	DATE
01	RELEASE	JHL	06/01/09



ENPHASE AC INTERCONNECT CABLE
 BLACK - L1
 RED - L2
 ORANGE - UNUSED
 BLUE - NEUTRAL
 GREEN - GROUND

JUNCTION BOX

THE FIRST AC CONNECTOR IN EACH BRANCH CIRCUIT IS SUITABLE AS A DISCONNECTING MEANS THE AC LOAD CENTER BREAKER SHOULD BE OPENED PRIOR TO DISCONNECTING AC CONNECTORS

UP TO 10 D380-72-240-S1x MICRO-INVERTERS PER BRANCH CIRCUIT @240 VAC (Approx. 3800 WAC)

UP TO 160 TWINPACK MICROINVERTERS PER ENVOY INTERNET GATEWAY

ETHERNET CABLE TO BROADBAND ROUTER

120 Vac POWER CABLE

TO METER OR AC DISTRIBUTION PANEL

1 - 2 POLE 20 AMP CIRCUIT BREAKER PER BRANCH CIRCUIT

NEUTRAL GROUND
 AC DISTRIBUTION PANEL OR SUB-PANEL

END CAP INSTALLED ON LAST CABLE CONNECTOR OF AC TRUNK CABLE

IMPORTANT: Make sure that you measure the Line-to-Line and Line-to-Neutral voltage of all service-entrance conductors prior to installing any solar generation equipment. The voltages for the 240 Vac rated microinverter models should be within the following ranges:
 L1 to L2 - 211 to 264 Vac, L1 or L2 to neutral - 106 to 132 Vac

QTY	PART NUMBER	VENDOR	DESCRIPTION	ITEM
PARTS LIST				
TOLERANCES: UNLESS OTHERWISE SPECIFIED		APPROVALS		
.X = .06		DATE		
.XX = .02		DRN BY J. LAUGHY 6/01/09		
.XXX = .010		ENGR		
FRACTIONS = ±1/32"		MFG		
ANGLES = ±2°		FINISH		
ALL DIMENSIONS ARE IN INCHES		DO NOT SCALE DRAWING		
3RD ANGLE PROJECTION		SCALE		

MATERIAL: SEE NOTES		[e] enphase ENERGY		201 1st st suite 300 Petaluma, CA 94952 707-763-4784	
FINISH: SEE NOTES		FIELD WIRING DIAGRAM 240 VAC SINGLE PHASE D380-72-240-S1x			
		DWG NO. 144-00015		REV 01	