

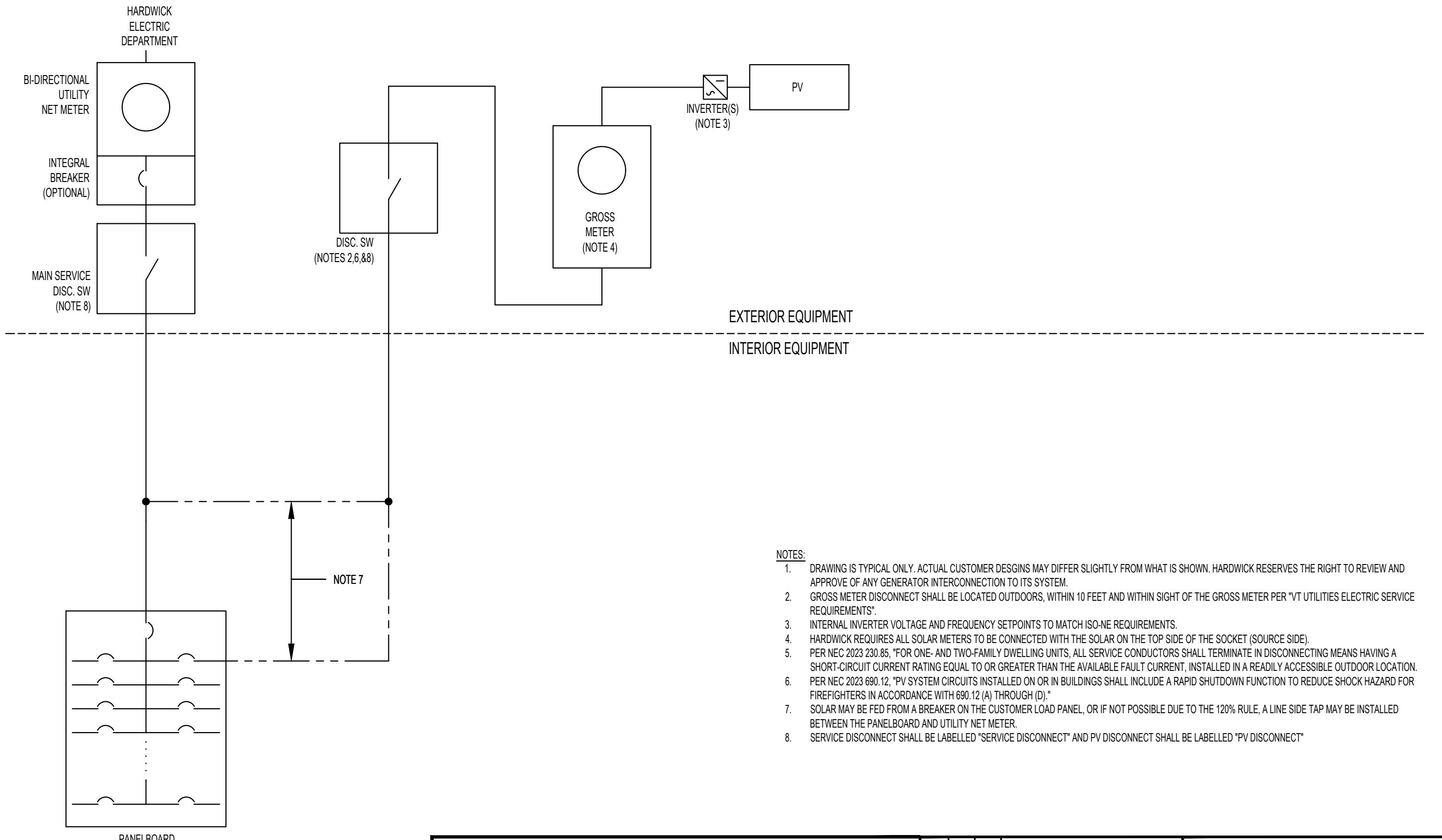
EXTERIOR EQUIPMENT

INTERIOR EQUIPMENT

NOTES

1. DRAWING IS TYPICAL ONLY. ACTUAL CUSTOMER DESIGNS MAY DIFFER SLIGHTLY FROM WHAT IS SHOWN. HARDWICK RESERVES THE RIGHT TO REVIEW AND APPROVE OF ANY GENERATOR INTERCONNECTION TO ITS SYSTEM.
2. DISCONNECT SWITCH SHALL BE LOCATED OUTDOORS, WITHIN 10 FEET AND WITHIN SIGHT OF THE METER PER "VT UTILITIES ELECTRIC SERVICE REQUIREMENTS".
3. INTERNAL INVERTER VOLTAGE AND FREQUENCY SETPOINTS TO MATCH ISO-NE REQUIREMENTS.
4. PER NEC 2023 230.85, "FOR ONE- AND TWO-FAMILY DWELLING UNITS, ALL SERVICE CONDUCTORS SHALL TERMINATE IN DISCONNECTING MEANS HAVING A SHORT-CIRCUIT CURRENT RATING EQUAL TO OR GREATER THAN THE AVAILABLE FAULT CURRENT, INSTALLED IN A READILY ACCESSIBLE OUTDOOR LOCATION.
5. PER NEC 2023 690.12, "PV SYSTEM CIRCUITS INSTALLED ON OR IN BUILDINGS SHALL INCLUDE A RAPID SHUTDOWN FUNCTION TO REDUCE SHOCK HAZARD FOR FIREFIGHTERS IN ACCORDANCE WITH 690.12 (A) THROUGH (D)."

REFERENCE DRAWINGS / 1-LINE DIAGRAMS:				DATE	BY	NO.	REVISIONS	PLM	ELECTRIC POWER ENGINEERING		
1.	94190-E1-0	STANDALONE PV						PLM	4512 MOTTE DR. STE 300 802-255-6300 MARLBOROUGH, MA 01752		
2.	94190-E2-0	BEHIND THE METER PV						MCD	HARDWICK ELECTRIC DEPARTMENT HARDWICK, VERMONT INTERCONNECTION STANDARDS		
3.	94190-E3-0	BEHIND THE METER BATTERY						APPD	STANDARD STANDALONE PV 1-LINE DIAGRAM		
4.	94190-E4-0	AC-COUPLED PV+BATTERY						DATE 1/22/2026	94190-E1-0		
5.	94190-E5-0	DC-COUPLED PV+BATTERY						SCALE NONE	NO.		



REFERENCE DRAWINGS / 1-LINE DIAGRAMS:

1. 94190-E1-0 STANDALONE PV
2. 94190-E2-0 BEHIND THE METER PV
3. 94190-E3-0 BEHIND THE METER BATTERY
4. 94190-E4-0 AC-COUPLED PV+BATTERY
5. 94190-E5-0 DC-COUPLED PV+BATTERY



DATE	BY	NO.	REVISIONS	PLM	ELECTRIC POWER ENGINEERING		
				PLM	45120 TRAIL DR., STE 301	508-455-0300	MARLBOROUGH, MA 01752
	CED			MCD	HARDWICK ELECTRIC DEPARTMENT		
	APPD				HARDWICK, VERMONT		
DATE 1/22/2026					INTERCONNECTION STANDARDS		
					STANDARD BEHIND THE		
					METER PV 1-LINE DIAGRAM		
SCALE NONE					NO.	94190-E2-0	

