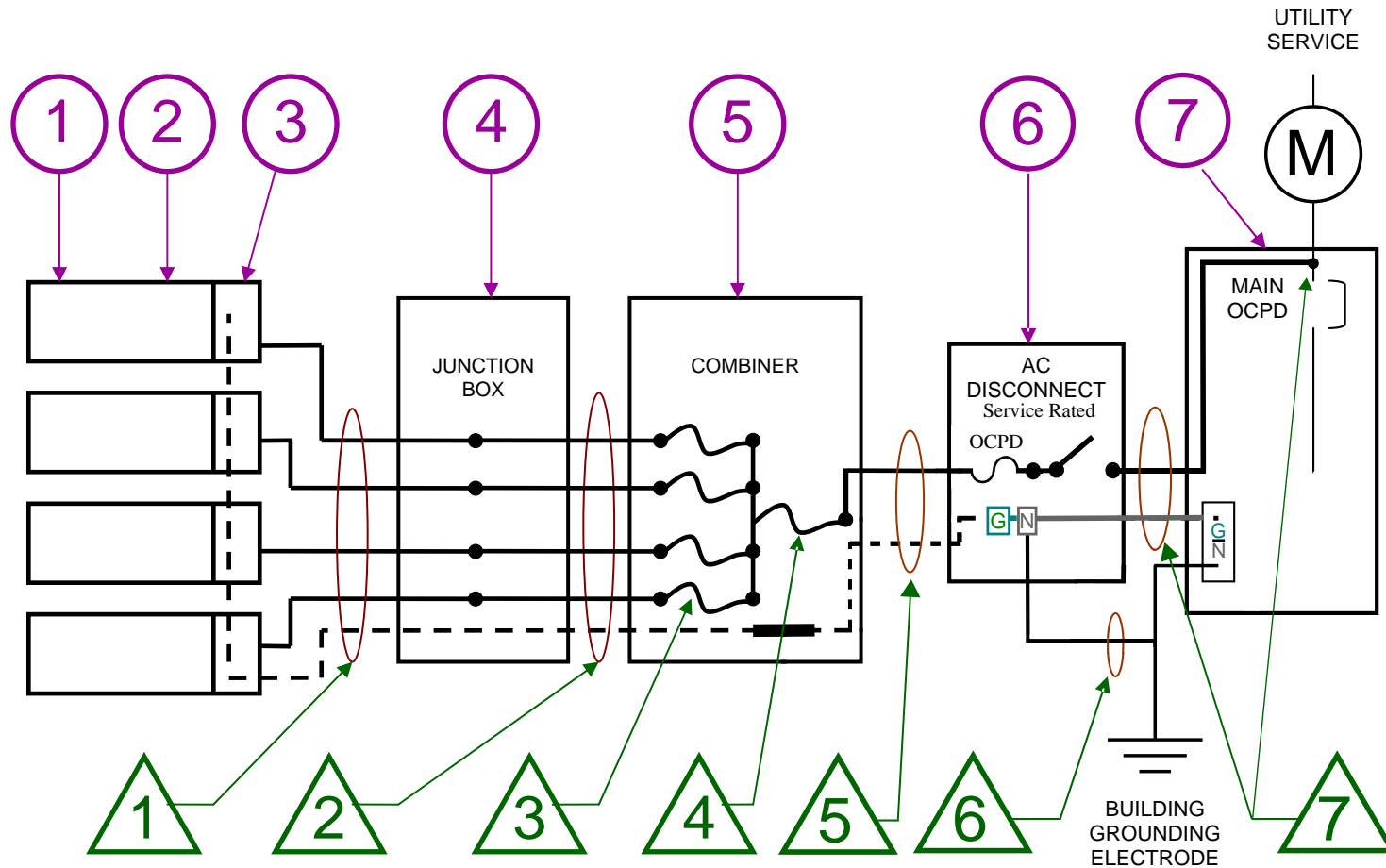




PRINCE WILLIAM COUNTY
Department of Development Services – Building Development Division

SOLAR ENERGY SYSTEMS
SMALL, MICRO INVERTER / AC SYSTEM PLANS
SUPPLY SIDE TAP

Figure - SMALL MICRO INVERTER / AC SYSTEM DETAIL



Site Address _____
Prepared by _____
Email _____
Phone: _____ Date _____

<div style="text-align: center;">○ EQUIPMENT SCHEDULE</div>						
TAG	DESCRIPTION	MODEL NUMBER	NOTES			
1	SOLAR PV MODULE					
2	PV ARRAY		_____Module	VOC_____V	ISC_____R	
3	MICRO INVERTER		MAX INPUT:_____VDC,_____ISC	MAX PER BRANCH _____	OUTPUT:_____VAC,_____A	
4	J-BOX (IF USED)		BRANCH 1 INVERTER COUNT___ BRANCH 2 INVERTER COUNT___ BRANCH 3 INVERTER COUNT___ BRANCH 4 INVERTER COUNT___			
5	COMBINER		BRANCH 1 INVERTER COUNT___ BRANCH 2 INVERTER COUNT___ BRANCH 3 INVERTER COUNT___ BRANCH 4 INVERTER COUNT___			
6	AC DISCONNECT		_____ VAC	_____A Rated	_____A Inverter OCPD	
7	SERVICE PANEL		_____VAC	_____A Main	_____A Bus	

<div style="text-align: center;">△ CONDUIT AND CONDUCTOR SCHEDULE</div>					
TAG	DESCRIPTION OR CONDUCTOR TYPE	CONDUCTOR GAUGE	NUMBER OF CONDUCTORS	CONDUIT TYPE	CONDUIT SIZE
1	Inverter Output Cable	Equipment Cut Sheet	Equipment Cut Sheet	N/A	N/A
	BARE COPPER EQ. GRD. COND. (EGC)		1		
2	<input type="checkbox"/> THWN-2 or <input type="checkbox"/> XHHW-2 or <input type="checkbox"/> RHW-2 INSULATED EGC				
3	Branch OCPD _____AMPS			N/A	N/A
4	Combiner Output _____AMPS			N/A	N/A
5	<input type="checkbox"/> THWN-2 or <input type="checkbox"/> XHHW-2 or <input type="checkbox"/> RHW-2 INSULATED EGC				
6	GROUNDING ELECTRODE TAP (May be inside or outside enclosure)	TYPE			
7	SUPPLY SIDE TAP	TYPE			

NOTES	
1	All labels will be placed in accordance with NEC 690, and 705.
2	Additional labeling is required; see the Solar Energy Systems Plan Submission and Inspection Guidelines for details.