

## Retro-fits for Solar Panels (PV) In Single and Multiple Family Dwellings and Commercial Buildings

DB and BU Application Submission Requirements - January 2016

## DEVELOPMENT SERVICES, BUILDING AND LICENSING DEPARTMENT

If you have any questions regarding the information requested on this form, please call 604-873-7611.

NOTE: An electrical permit is required

Project Address: Permit Number:

Documents F	Required (I	BRB or POD will indicate what is required)		Staff Use C	Only
Document	Copies Required	Details	Notes	Copies Attached	Accepted
Application Form & Fees	1	Development and Building (DB) Permit Building Permit (BU) or Minor DP amendment	Electrical Permit (required) as separate submission.		
Owner and Lessee Undertaking Letters	1		Form letter available at: http://vancouver.ca/files/cov/ow ners- undertaking-letter.pdf All letters / documents must have original signatures; no photocopies or fax copies will be accepted.		
Strata Council Authorization Letter	1		If building is strata titled, letter must be signed by the strata's chairperson indicating knowledge and acceptance of proposal; no photocopies or fax copies will be accepted.		
Drawings Re	quired - Sca	ale not less than ¼" = 1'0" (1:50) unless otherwise noted	1.		
Site Plan	3	Site Plan should include the following:  Dimensions of site (including North arrow)  Location of the building(s) on the site  Street address, street names and location as well as location of any lanes  Building setback dimensions from property lines	Minimum scale: 1/16" = 1'-0" (1:200) For 1 and 2 family homes clear, legible and precisely dimensioned sketches may be acceptable.		
Roof Plan and Elevations	3	Roof Plan:  Show roof dimensions, roof line/parapet height  Show proposed lay-out of panel system complete with footing locations, footing connection details and an indication of clearances between the panel system and roof perimeter and edges  Indicate any rooftop mechanical units, skylights, accessible decks, guard rails, planters, landscaping and standpipes  Elevations:  Drawing to scale of street facing elevations	Affected elevations only (all street-facing elevations)  For 1 and 2 family homes clear, legible and precisely dimensioned sketches may be acceptable.		
System component specification sheet	1	<ul> <li>Specification sheets required for:</li> <li>Collector(s)</li> <li>Inverter(s) model and number of inverters</li> <li>Controller(s)</li> </ul>	Must include Total kW capacity of collectors		
Rack (roof or wall) / Ballast detail OR specification sheets	1	■ Must include installed system weight			
Schematics or sketch of system layout	1	Must show components and indicating electrical circuits			

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Architectural Building Envelope roof/wall penetration Details	3 Signed & Sealed	Construction details  Attachment details if not covered in system component specifications	Scale not less than 3" = 1'-0" (1:4).  For 1 and 2 family homes signed and sealed drawings are not required. Clear, legible and precisely dimensioned sketches may be acceptable	
Structural	3 Signed & Sealed	Structural framing details of installation area and panel to roof connection	For 1 and 2 family homes, a comfort letter for Structural Engineer may replace signed/sealed drawings if certain criteria are met. Check with building staff.	

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Document	Copies Required	Details	Notes	Copies Attached	Accepted
Letters of Assurance - Design Professionals must sign and seal all individual pages of the Letters of Assurance					
Schedule A	1				
Schedule B	1	Architectural	Not required for 1 and 2 family dwellings		
Schedule B	1	Structural	Professional structural concept review will be required for a Part 4 building structure  For 1 and 2 family dwellings structural letter of assurance is only required in specific cases.		
Schedule D1	1	Building Envelope	Not required for 1 and 2 family dwellings		

## **Additional Information**

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<sup>\*\*</sup> NOTE \*\* Work on/near the property line may require a Street Occupancy (Hoarding) Permit. Contact the Engineering Department at 604-873-7322 or 604-873-7773.