

RESIDENTIAL - SOLAR PANEL PLAN SUBMITTAL REQUIREMENTS

PLAN SUBMITAL CHECK LIST – The following is a list of items required for residential SOLAR PANEL plan submittal. The Planning Department or the Plans Examiner may require additional information to complete their review. **Please review and check each box indicating its completion and sign the bottom of the page.**

1. **MURRAY POWER APPROVAL REQUIRED** - Please contact Matt Youngs at myoungs@murray.utah.gov
 Net Metering Interconnection & Service Agreement approval date: _____
2. **BUILDING PERMIT APPLICATION** –online at www.murray.utah.gov or at our office 4646 So 500 West
 Submit two sets of plans and all required information completed including owner, contractor and subcontractor information and project valuation.
3. **SITE PLAN (PLOT PLAN):**
 North Arrow
 Location of Home (roof view if desired)
 Location of all PV system components on house and/or property including: Main Meter*, Production Meter*, AC Disconnect*, Module Array(s), Electrical Panel(s), Inverter(s), Pass Through Box(es), etc.
* Must be grouped in area not to exceed 6 feet
4. **ONE-LINE DIAGRAM** showing the following information:
 Type of PV system (single inverter, micro inverter or AC module system)
 Main Meter
 Production Meter
 Disconnect type and rating
 Inverter type and rating
 Number and layout of modules and how they are connected together (in series or in parallel)
 Maximum system KW output (not to exceed 10 kW)
 Labeling diagram and placement
 Types and sizes of electrical wiring and conduit
 Ratings of all fuses or breakers
 Location and size of all grounding
5. **MODULES / INVERTERS / COMBINER BOXES / ROOF SYSTEM:**
 List name/manufacturer/model/ratings of all modules, inverters and combiner boxes
 Provide manufacturer's detailed specification sheets including installation guides for above items
 Please have engineer of record confirm roof is capable of supporting the additional loads from the new solar array.
6. **ELECTRICAL PANEL**
 Provide photo of interconnection panel
 Show any other boxes to be mounted and interconnected to electrical panel
7. **OTHER SYSTEM COMPONENTS**
 Provide information on all other different components to be used in the system, their UL listing and installation information, etc.
8. **SAFETY AND WARNING LABELS:**
 Main meter base and production meter base labeled with permanent, engraved labels; mechanically fastened with rivets, screws, or bolts (not tape), stating "Solar Generation On Site" or equivalent
 Safety Disconnect Switch labeled as above, stating "Solar Power Disconnect" or equivalent
 List specific Warning Labels to be used (show samples)
 Show location(s) where warning labels are to be posted

I hereby acknowledge that I have reviewed the above checklist and have included each required item with my plan submittal.

Project Address: _____

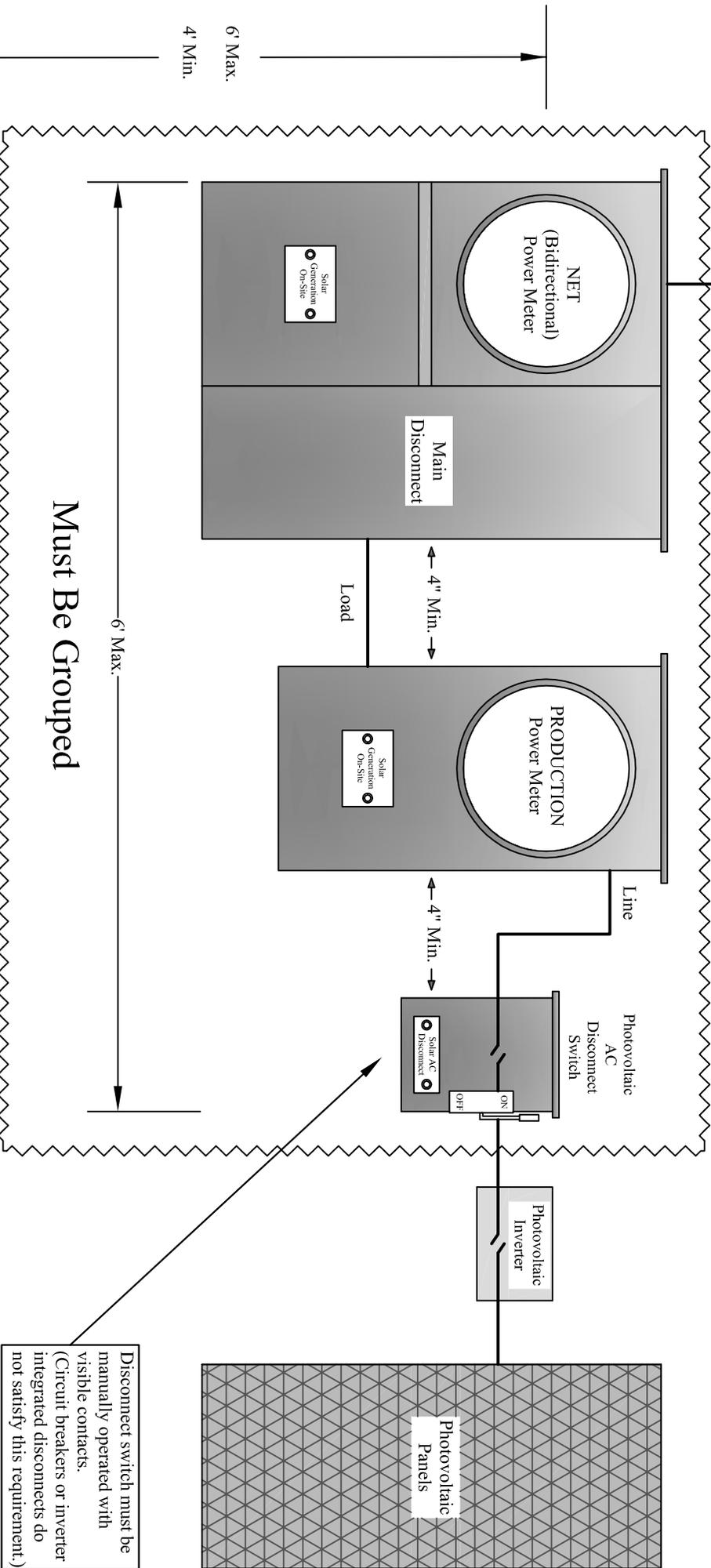
Signature: _____ Printed Name: _____ Date: _____

Company: _____ Phone: _____

Murray City Power

Utility Electrical Service Entrance

Line



Must Be Grouped

6' Max.

6' Max.
4' Min.

Final Grade

Net meter base, production meter base, and solar AC disconnect engraved labels must be mechanically fastened with rivets, screws, or bolts.

Disconnect switch must be manually operated with visible contacts. (Circuit breakers or inverter integrated disconnects do not satisfy this requirement.)