



**RFQ 191002
Sequim Solar PV Project**

ADDENDUM NO. 1

**PUD #1 of Clallam County
P.O. Box 1000
Carlsborg, WA 98324**

April 30, 2019

Exhibit C. Technical Specs

Additions shown in red and subtractions shown with strikethrough below:

D. RACK

- a. Solar racking system shall be made of Hot Dipped Galvanized Steel per ASTM A123. **Railing may be made of aluminum.**
- b. All fasteners shall be galvanized steel.
- c. All wire clips shall be stainless steel.
- d. Panels will be mounted at a 35 degree angle facing due south or as close to due south as possible based on yard configuration.
- e. Panels will be arranged in two rows, each row containing panels configured in ~~2X24~~ **either landscape or** portrait position.
- f. RBI Solar Mounting System or equivalent ground mount racking systems.

H. TRENCH REQUIREMENTS

- a. Top of conduit will be minimum 42 **24"** below ground line.
- b. The trench shall be free of rocks or roots greater than 2" in diameter.
- c. See included spec for details.

P. SOLAR PV PANELS

- a. Quantity 96 + 4 spares for a total of 100 Solar PV panels. Each Solar PV panel must be rated 325 Watt **+/- 3 Watts.**

Exhibit D. Drawings

Page 3 of 6 Trench Specification: Minimum fill above top of pipe changed from 30" to 24". Minimum depth to bottom of trench changed from 42" to 26".

Page 3 of 6 Grounding Specification: Note added "Racks that have grounding connections integral to racking system do not require additional lay in lugs."

Bidder on site meeting at 410 E. Washington St, Sequim, WA at 10:00 AM 4/26/19

2 representatives from Power Trip and 2 representatives from Frederickson Electric participated.

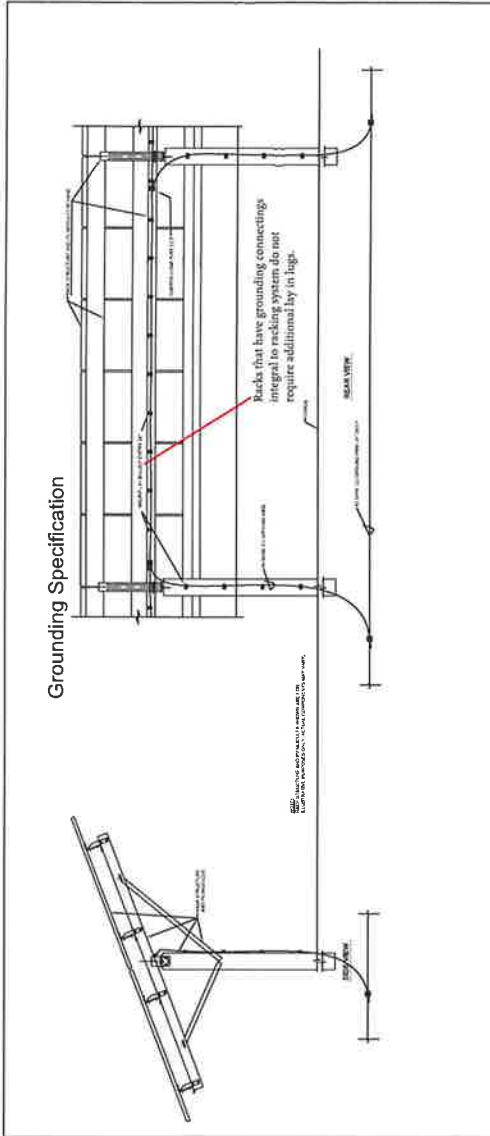
Questions:

1. Are lay in lugs required or can rack integrated ground connections be used?
2. Can solar panels be oriented differently? **Yes, the panels can be mounted in portrait or landscape.**

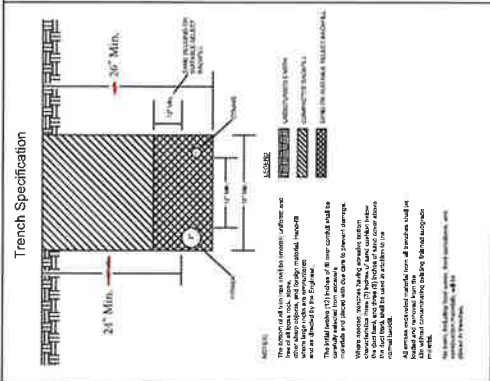
3. Can solar panel watt rating be different from 325 Watt? **Yes, the panels can be rated between 322 Watt and 328 Watt.**
4. Is the entire racking system required to be galvanized or can the railing be of different material like aluminum? **The railing can be made of aluminum.**
5. The substation drawing shows footings for original buildings, are those footings still there? **The PUD does not have records of whether or not the footings were removed. It is assumed that the footings have been removed.**
6. Can we have a list of local excavators? **Local excavators can be found by searching online.**

Substation Drawing

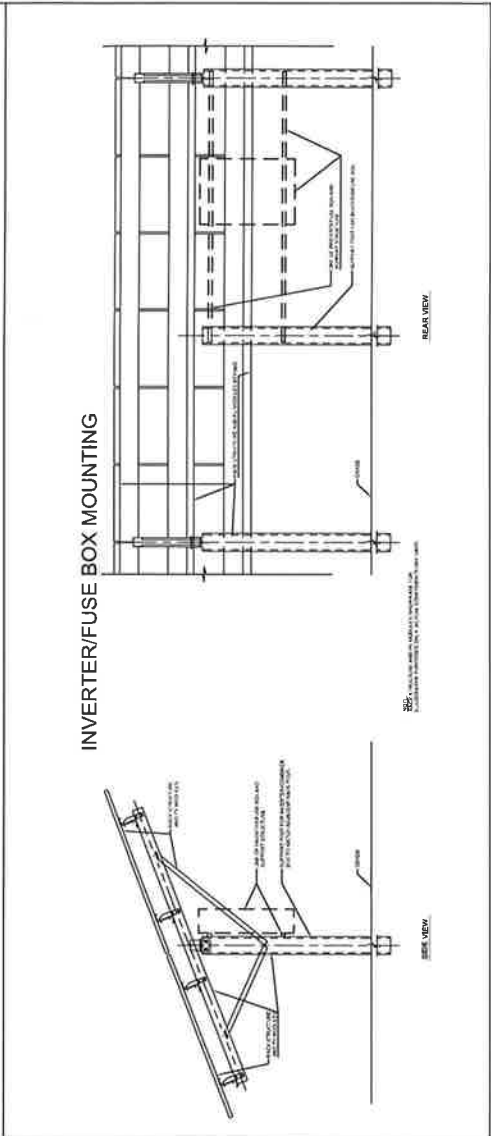
A drawing of the substation that shows conduits for primary power and a presumed communication cable will be attached. Please be aware that this drawing is from 1980 and may not be accurate.



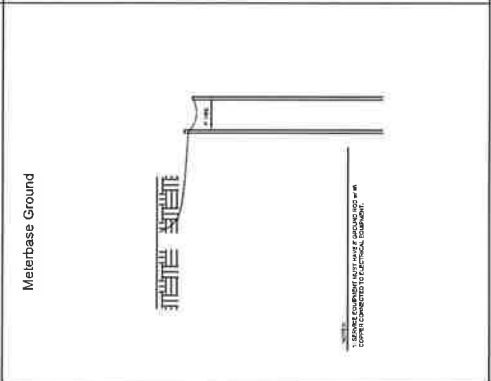
Grounding Specification



Trench Specification

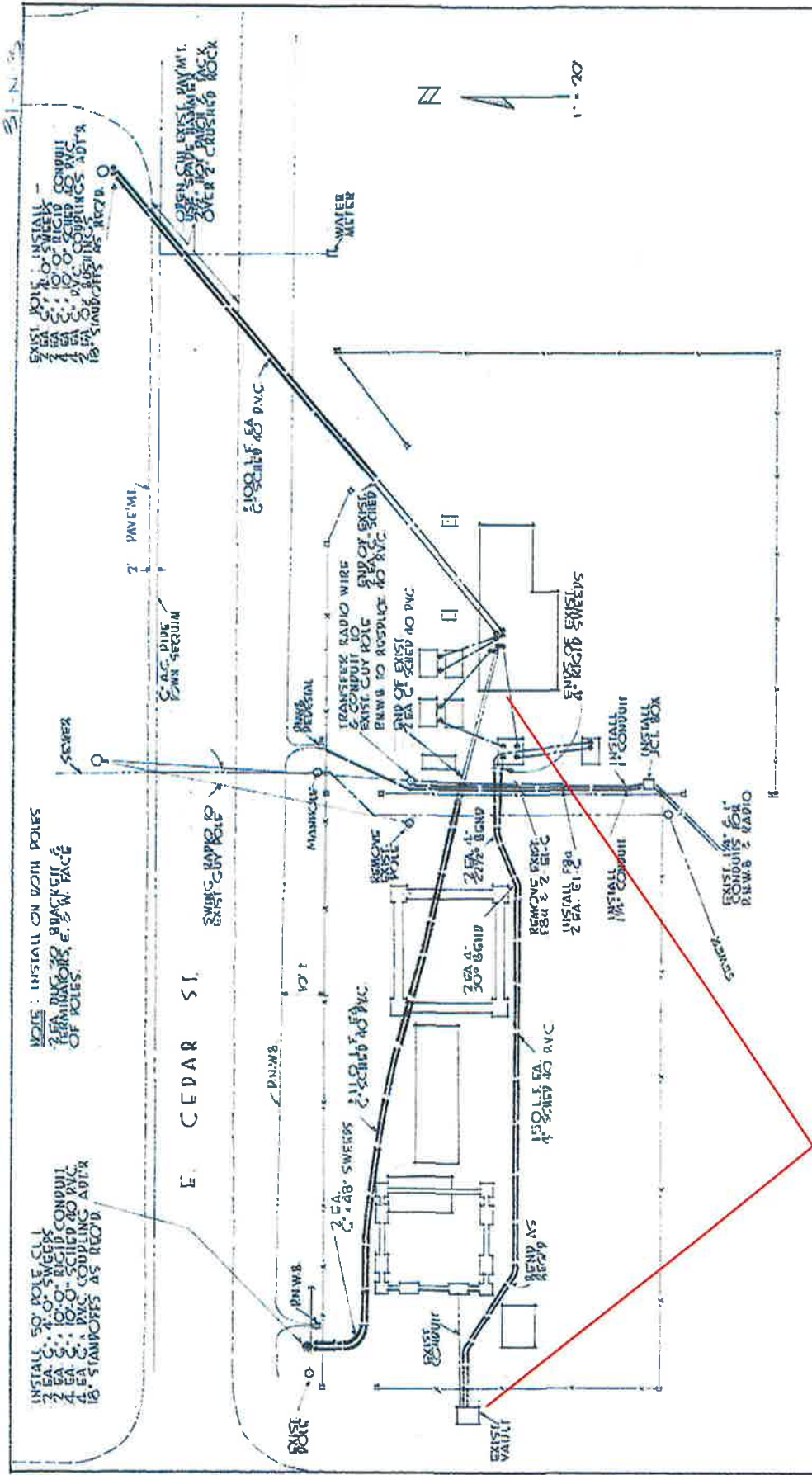


INVERTER/FUSE BOX MOUNTING



Meterbase Ground

SEQUIM SUB SOLAR PV	0 ISSUED FOR USE	REV	DATE	DRN	DSGN	CHK	APPD	REFERENCE DRAWINGS	DSGN	CT	3/29/2018	CALUM COUNTY pub improving things together	CALUM COUNTY PID #1	DRAWING SET: A	REV
									SURV	STND	SCALE: NOT TO SCALE				



Communication cable in conduit run between vault and Control Building. Exact location unknown.

CONDUIT FEEDER RUNS - SEQUIM SUB

W.O. # AK 22C

- CABLES :
- FOR EA. C' CONDUIT : 3 EA / 1000 MCM
 - 1 EA / 1/2 NEUTRAL
 - FOR 4" IN THESE FEED : 3 EA / 1/2 URD
 - OTHER 4" : 3 EA / 350 MCM w/ GENC. NEUTRAL

TREAT 4/80