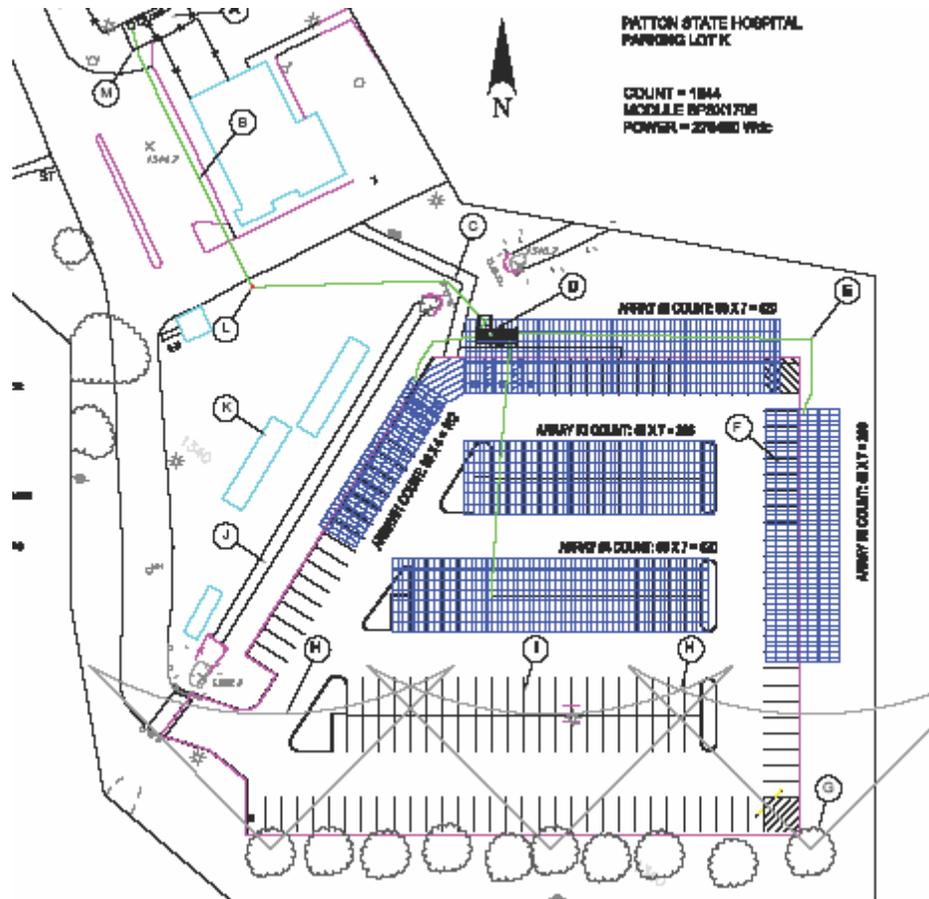


**Patton State Hospital
Patton, CA
Solar PV Project**



The Patton State Hospital solar photovoltaic (PV) project is a parking canopy system. This system is being installed on Parking Lot K. This picture shows the canopy structures having been erected and waiting for the installation of the solar panels. Picture is looking south along the eastern edge of the parking lot.



This is a schematic layout of the solar PV system installed on Parking Lot K at Patton State Hospital.



This picture shows the canopy structure along the northern edge of the parking lot. Picture is looking towards the east.



This picture shows the inverter equipment pad with the inverter in the background, transformer and disconnect switch in the foreground. This pad will be enclosed by a chain link fence. The inverter equipment pad is located along the northern edge of the parking lot below the solar panel array. The electrical interconnection is to the northwest from this position, next to the visitor's center.



The solar panels are starting to be installed. This array is one of five, located in the middle of the parking lot running from east to west. Picture is looking southwest.



Another shot of the solar array located along the northern edge of the parking lot. Picture is looking east. Notice the wires hanging down from the underside of the solar array. These are the electrical connections for each individual solar panel, which will ultimately be connected and run to the combiner boxes at the end of each array. The DC power lines then run from each combiner box to the inverter, located at the bottom left of this picture, which converts the DC power to AC power.



A closer look at the solar panel electrical connectors. The canopies are not water tight, indicated by the spacing between each solar panel.



A look at a finished wiring job for the solar panels.



Getting closer to completion! Picture is looking to the east.



An elevation shot of the solar PV system. The hospital staff certainly will be happier to have their parking lot back. Besides generating electricity it should be obvious that there will be shading from the daytime sun as well. Picture is looking east. Completion of this system is expected to be by the end of June.