



**TAMALPAIS UNION HIGH  
SCHOOL DISTRICT**

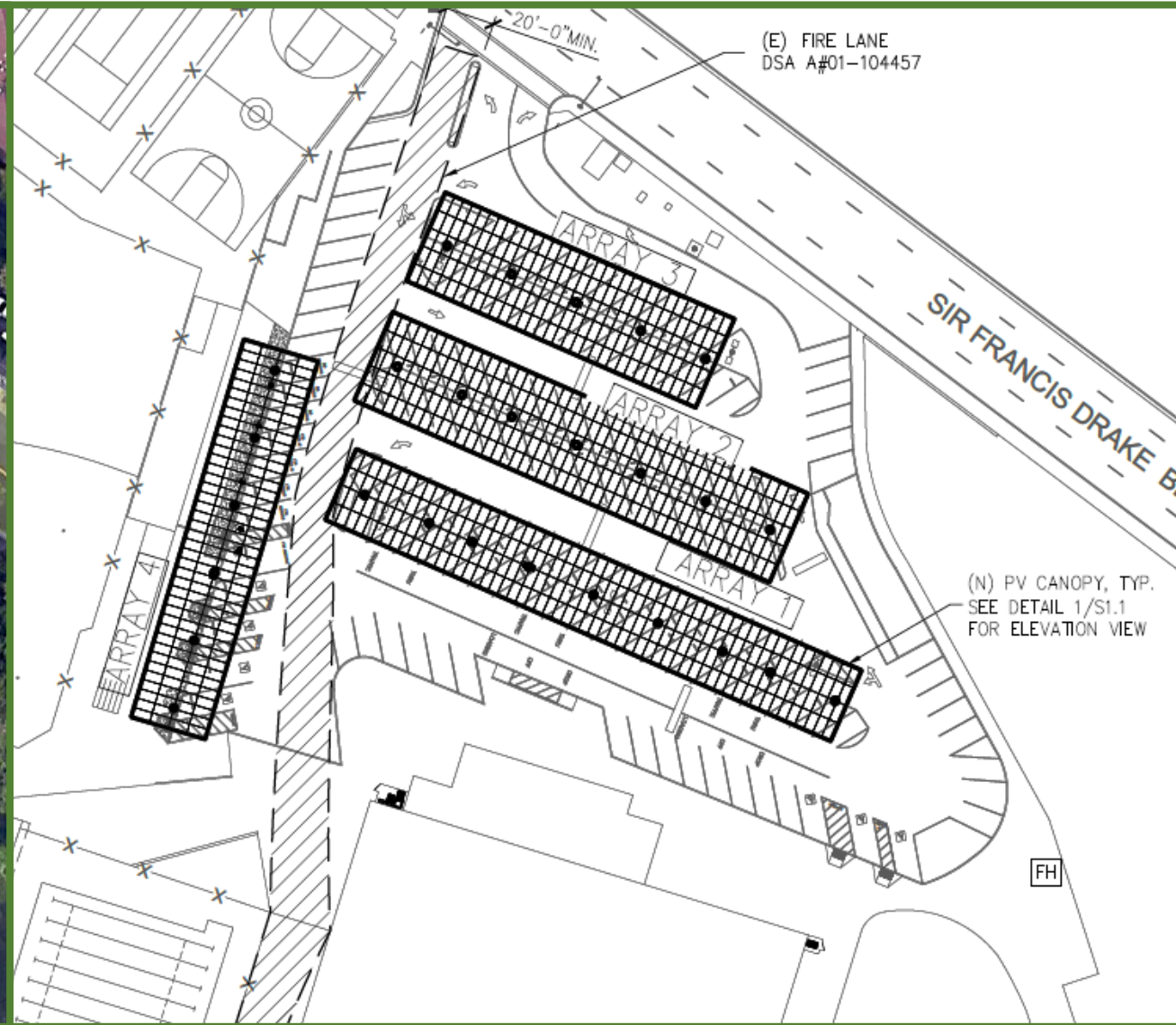
# **Solar Array Installation Project Update**

(Solar Array + EV Charging Stations)

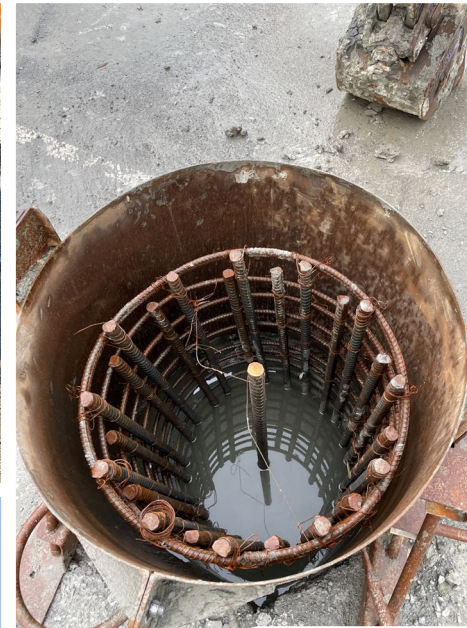
**Archie Williams HS, Redwood HS & Tam High**

March 12, 2024

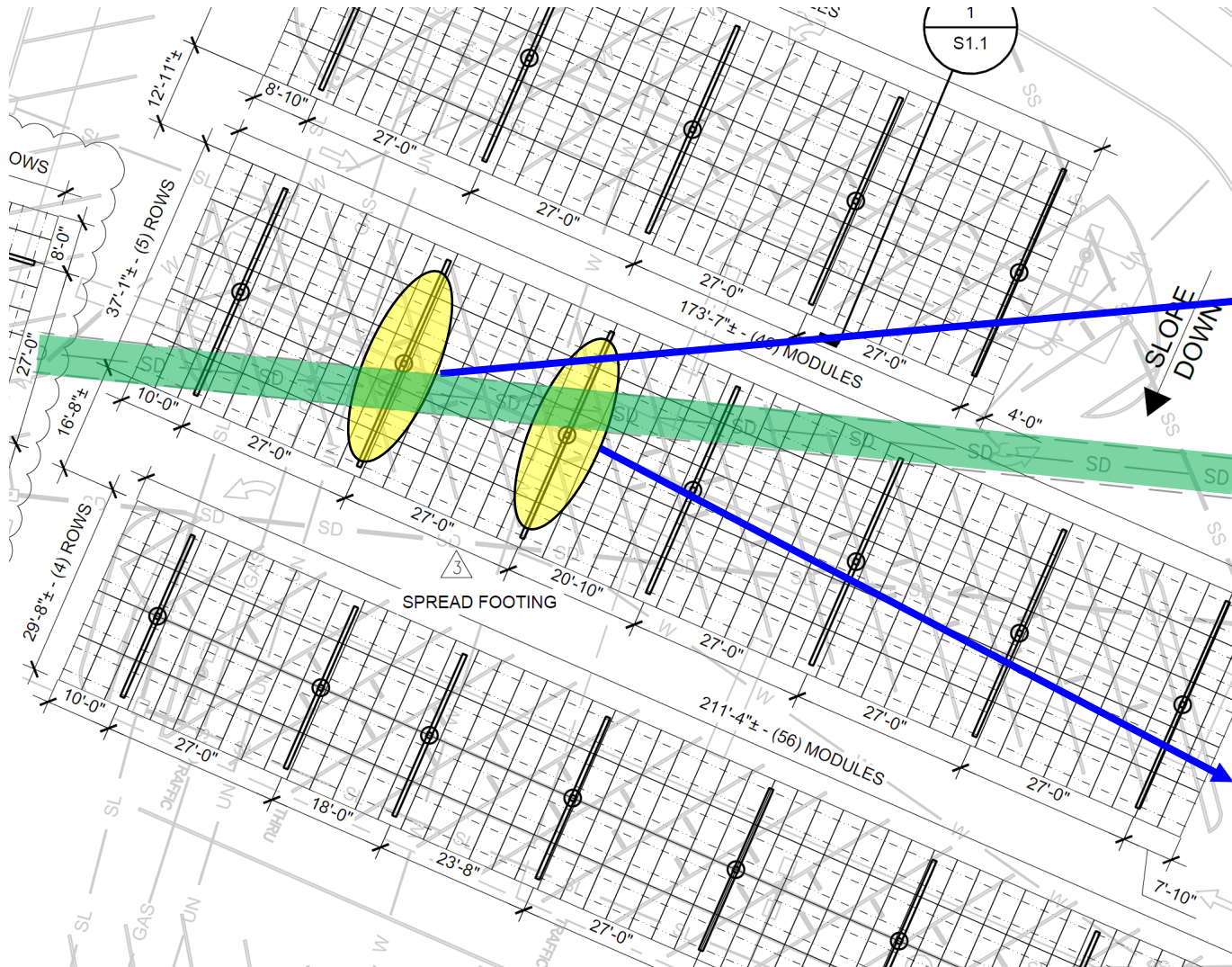
# Archie Williams HS Solar Array Installation Update



# Archie Williams HS Solar Array Installation Update



# Archie Williams HS Solar Array Design Changes

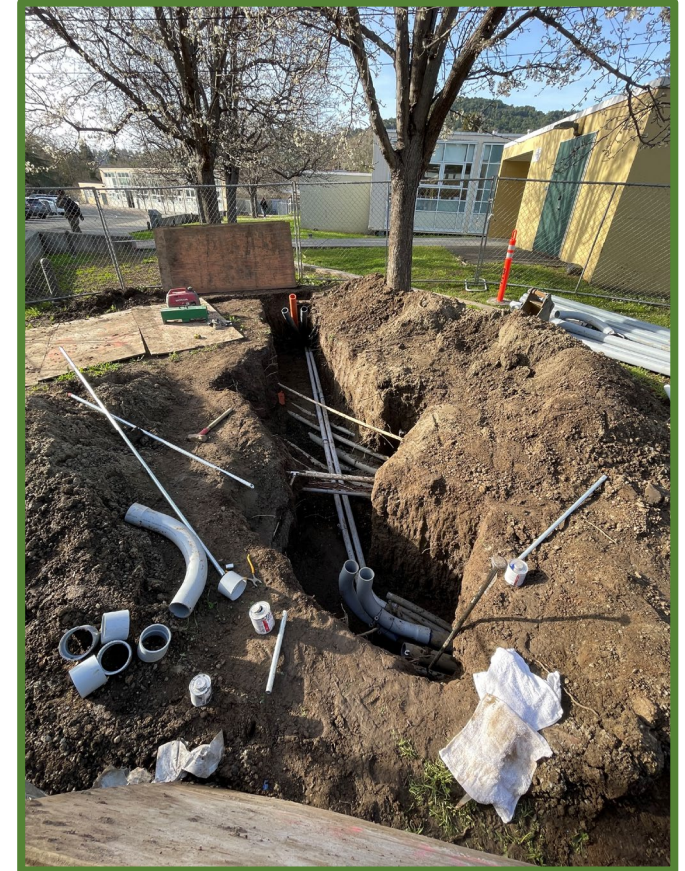


# Archie Williams HS Solar Array Current Status

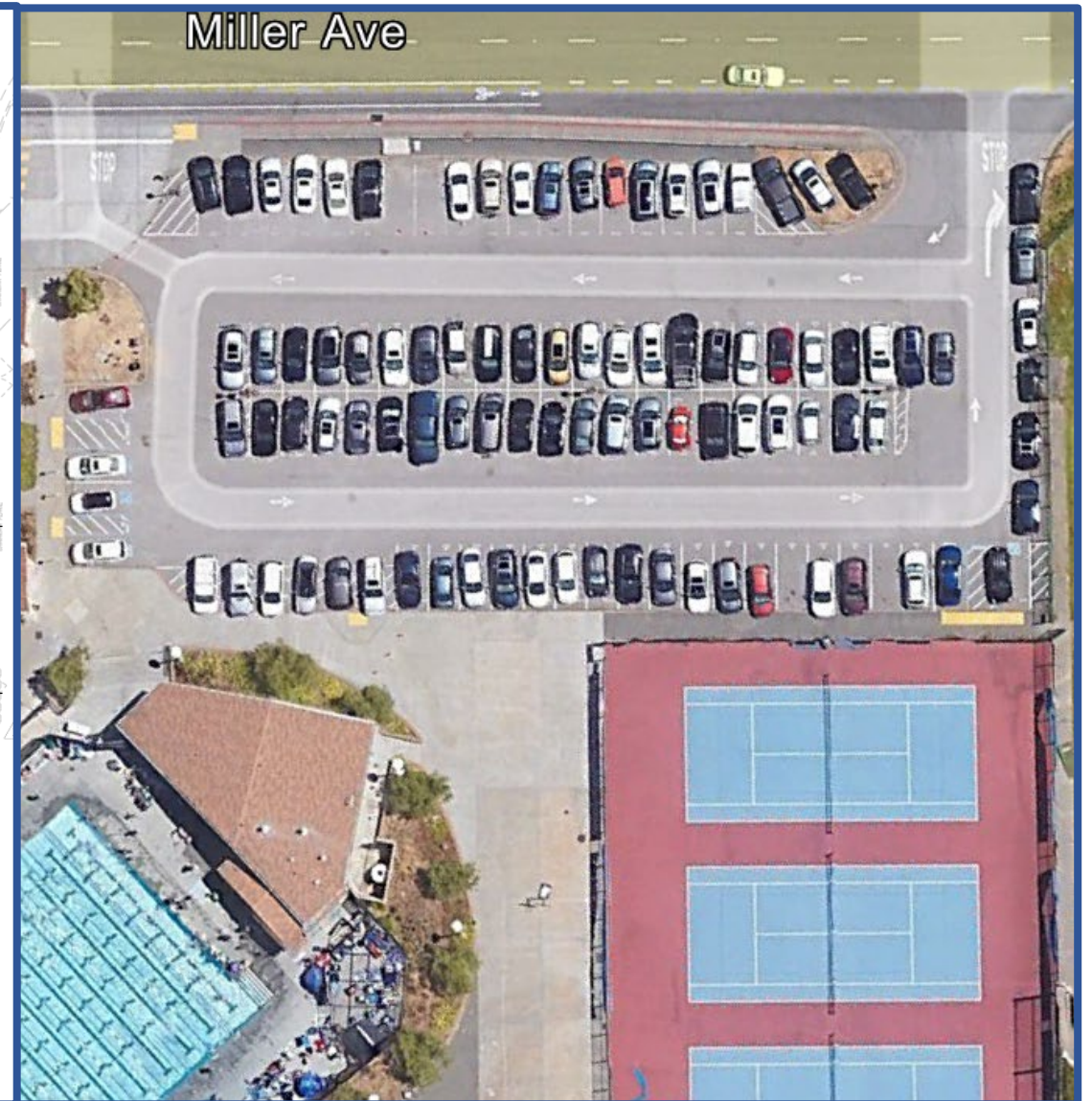
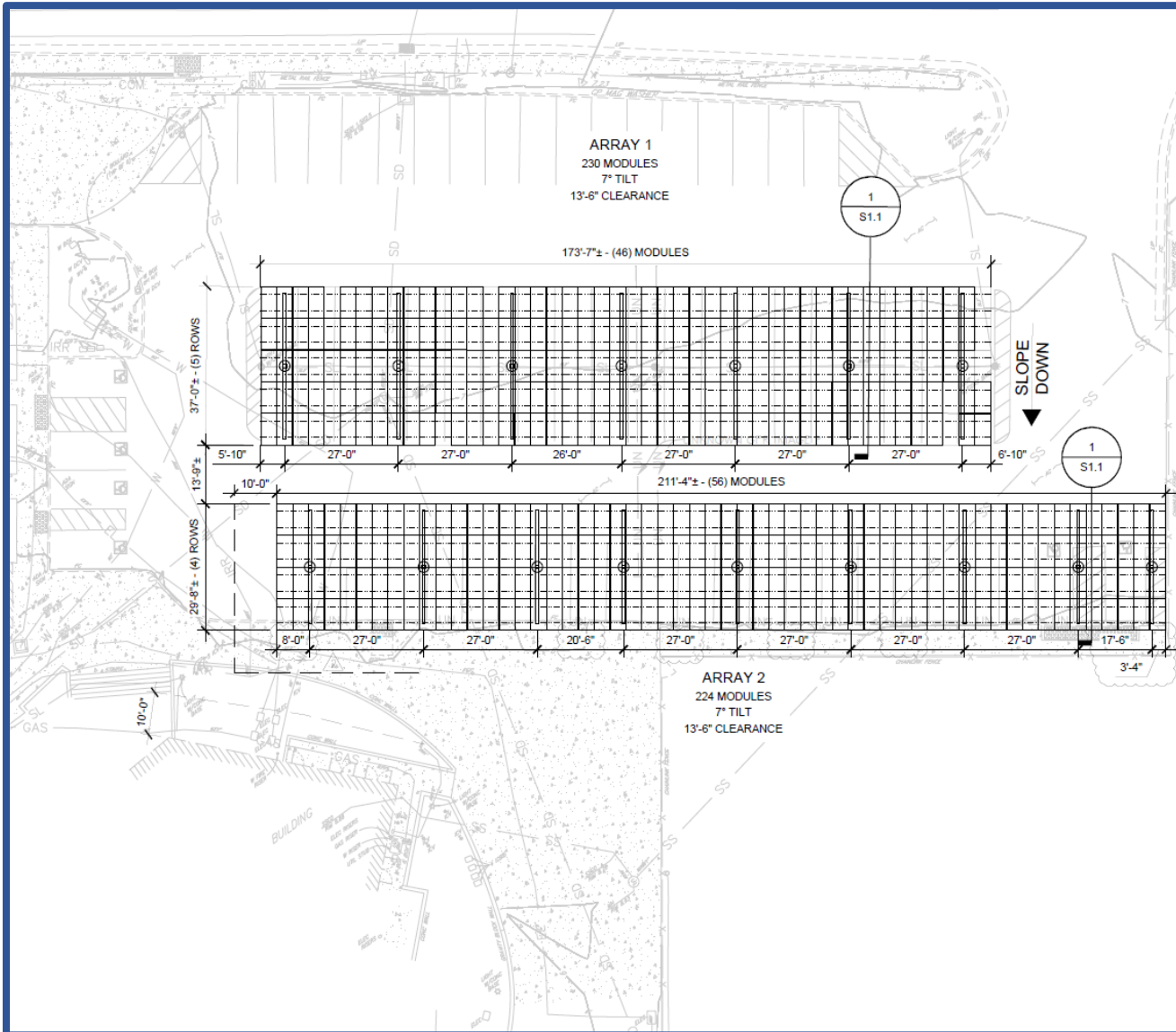


# Archie Williams HS Solar Array Current Status

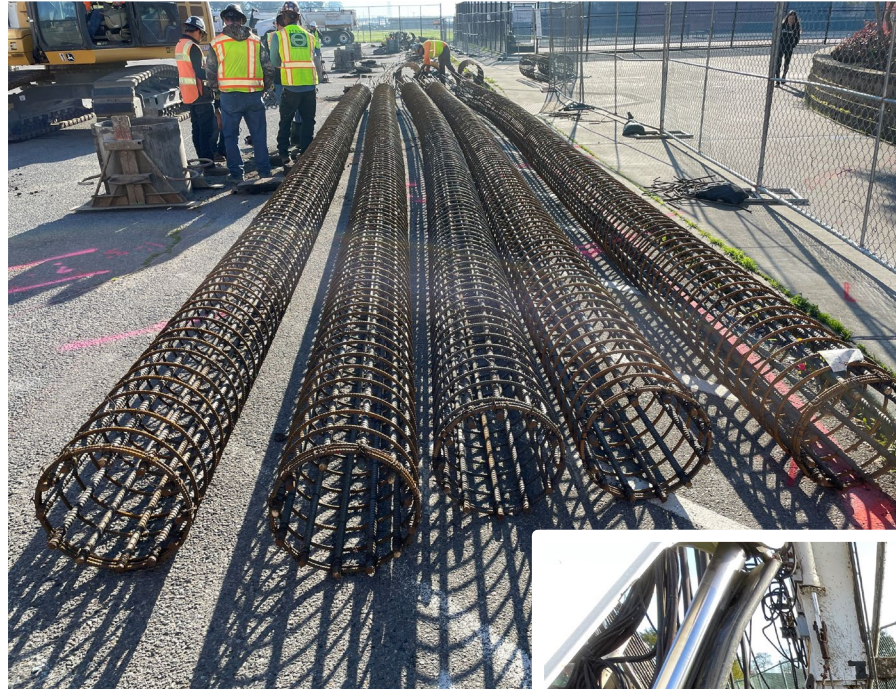
- **All structural steel, framing and solar panels installed**
- **Underground wiring 85% complete**
  - Completing final connection to site electrical transformers
  - Completing underground wiring for all Electrical Vehicle (EV) Charging Stations
  - Waiting on electrical transformer equipment installation at front of gym for final electrical connection
- **Array #2 opened for parking on March 18, 2024**
- **Array #4 open for parking by April 15, 2024**



# Tamalpais HS Solar Array Installation Update

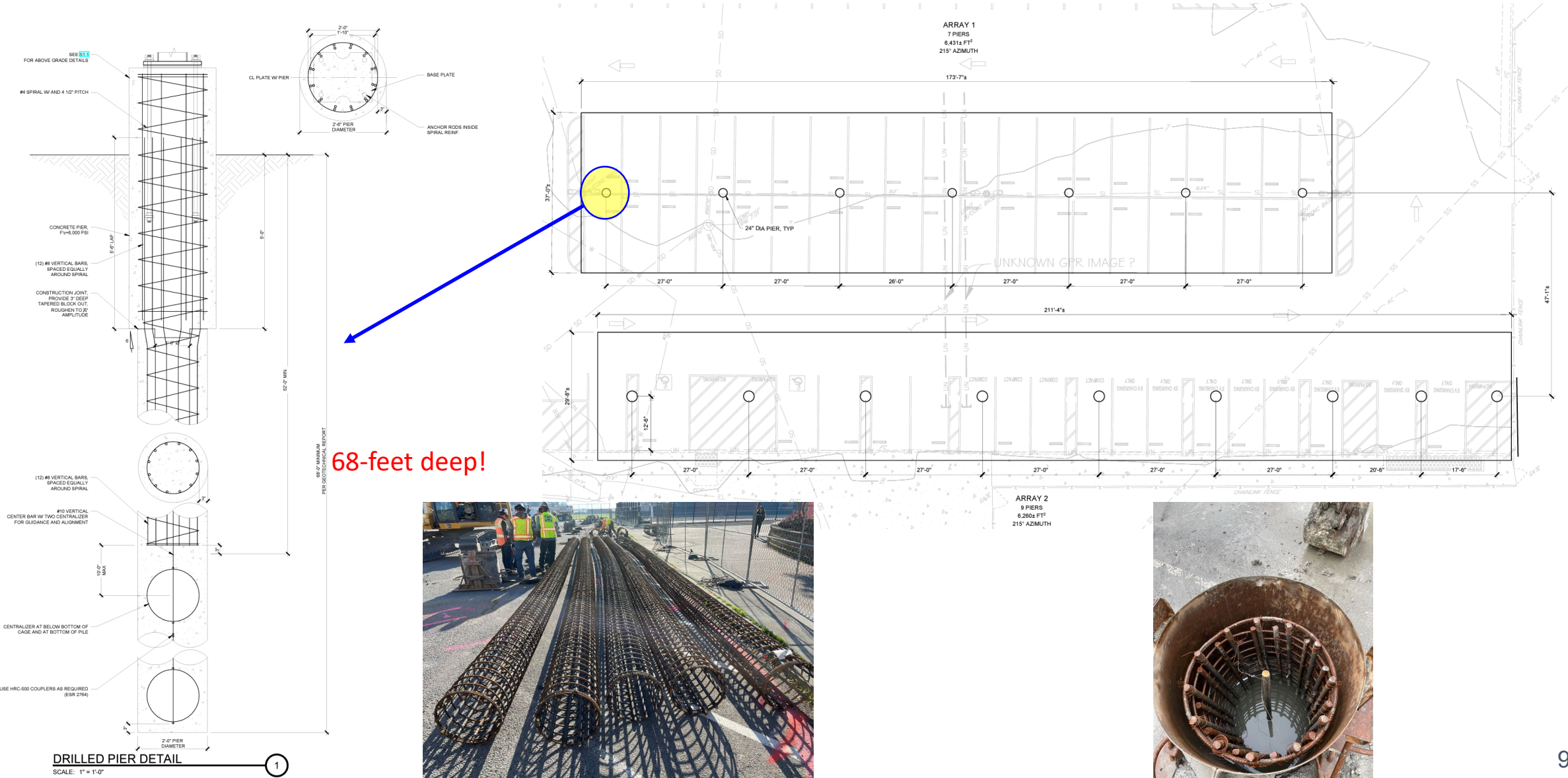


# Tamalpais HS Solar Array Installation Update





# Tamalpais HS Solar Array Design Changes



# Tamalpais HS Solar Array Current Status

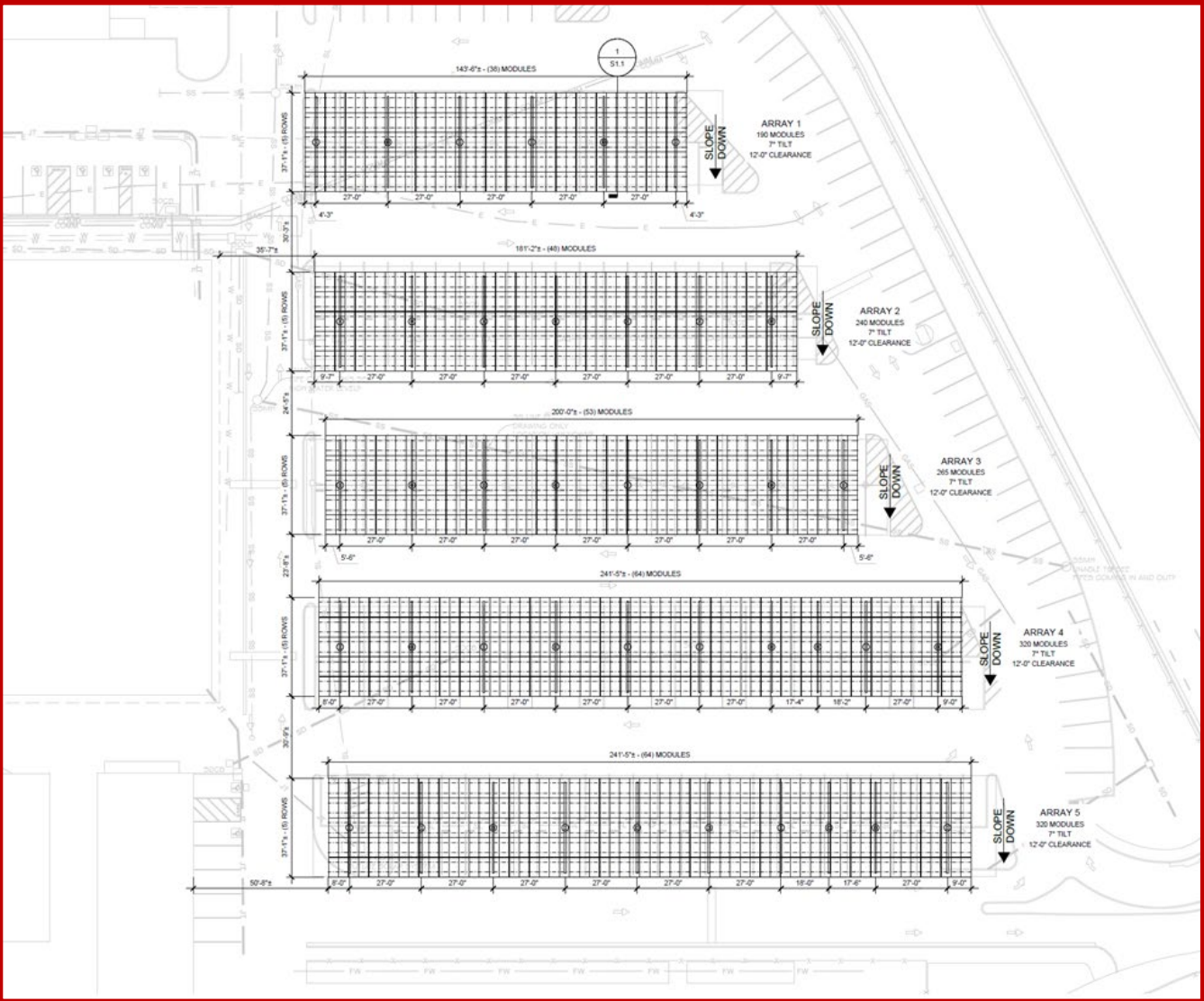
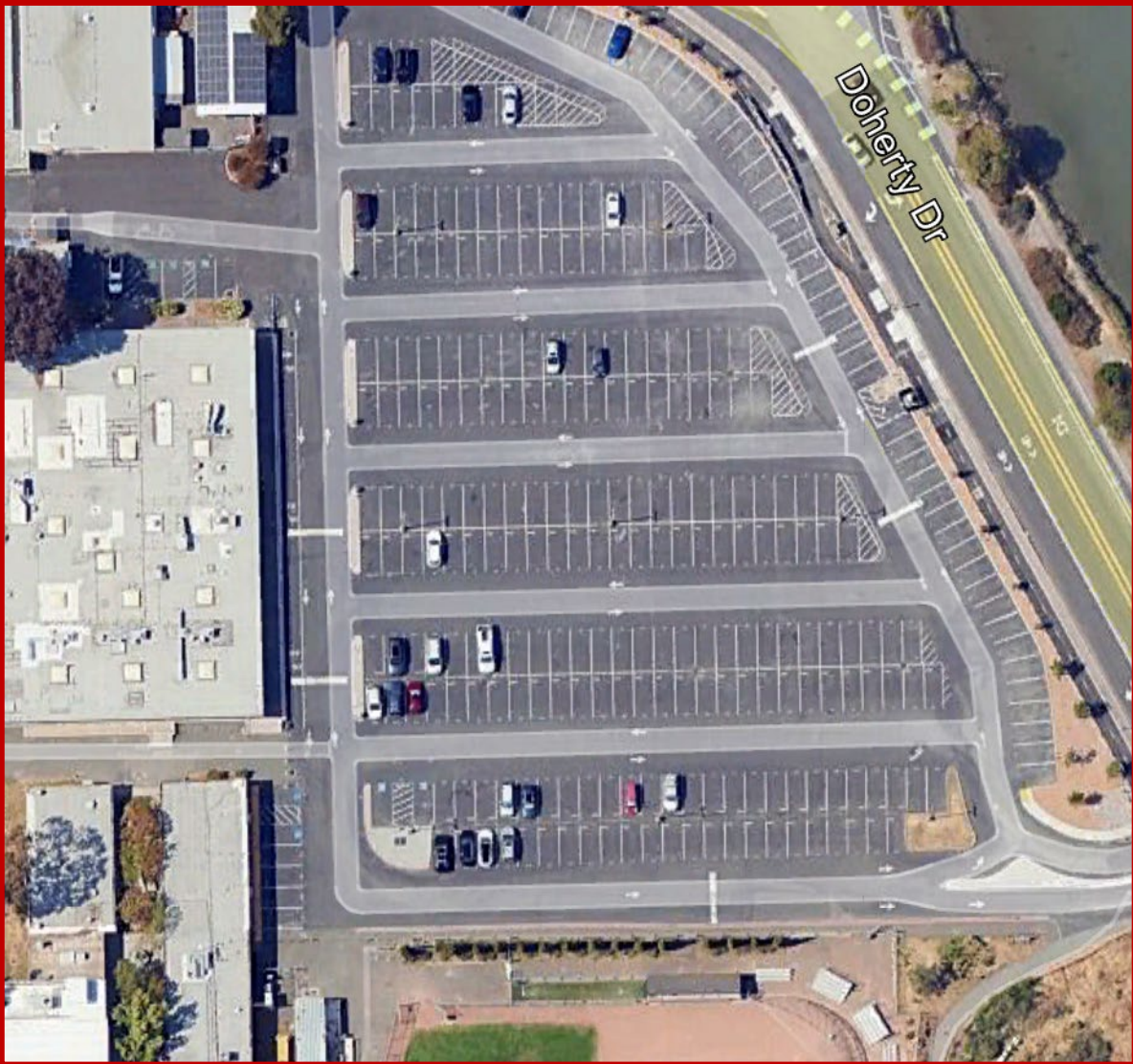


# Tamalpais HS Solar Array Current Status

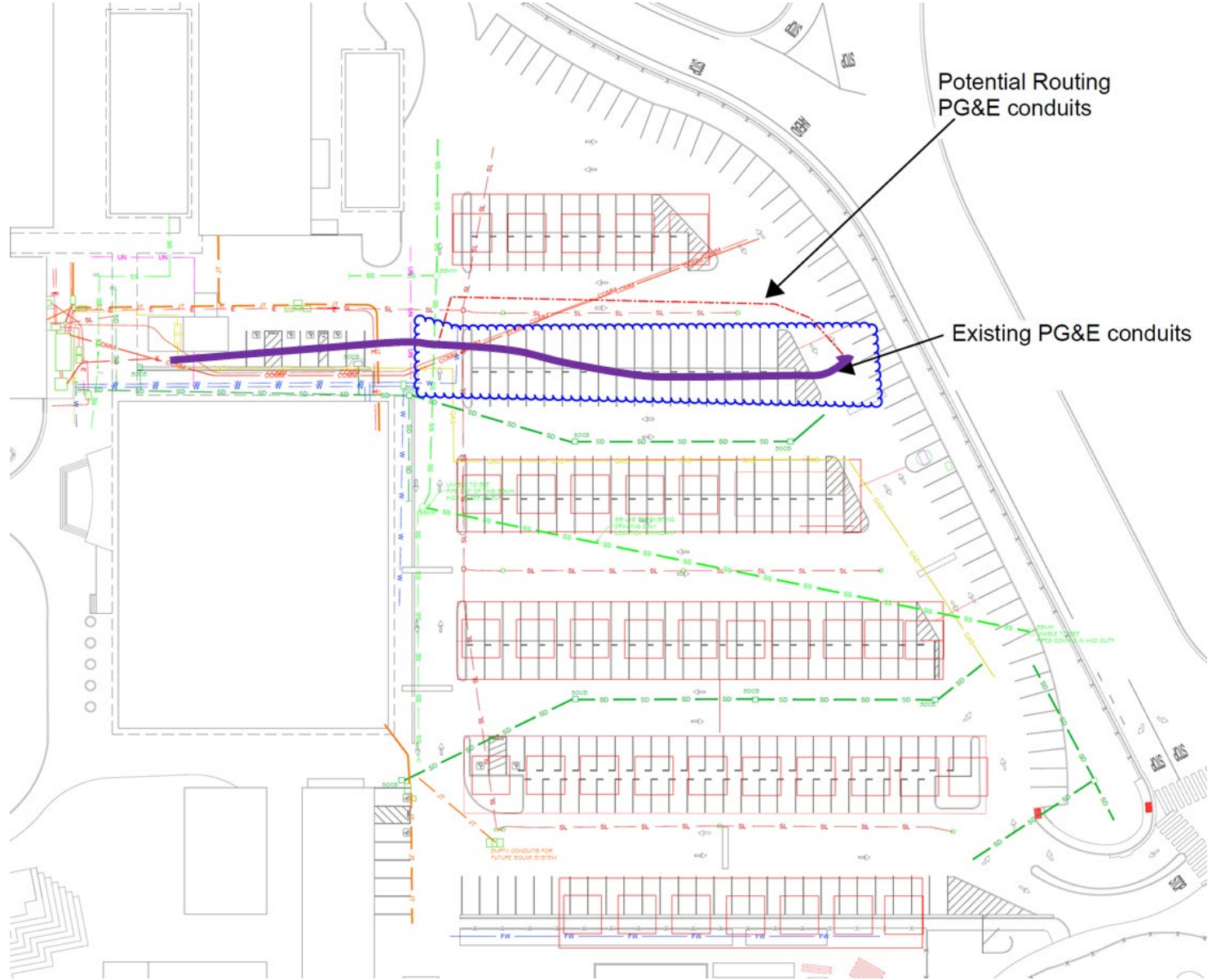
- **All structural steel, framing and solar panels installed**
- **Underground wiring 30% complete**
  - Horizontal boring for solar array connection to site electrical transformers
  - Trenching and installing underground wiring for all Electrical Vehicle (EV) Charging Stations
  - Waiting on electrical transformer equipment installation by side of Pool building for final electrical connection
- **Miller Lot open for parking by April 15, 2024**



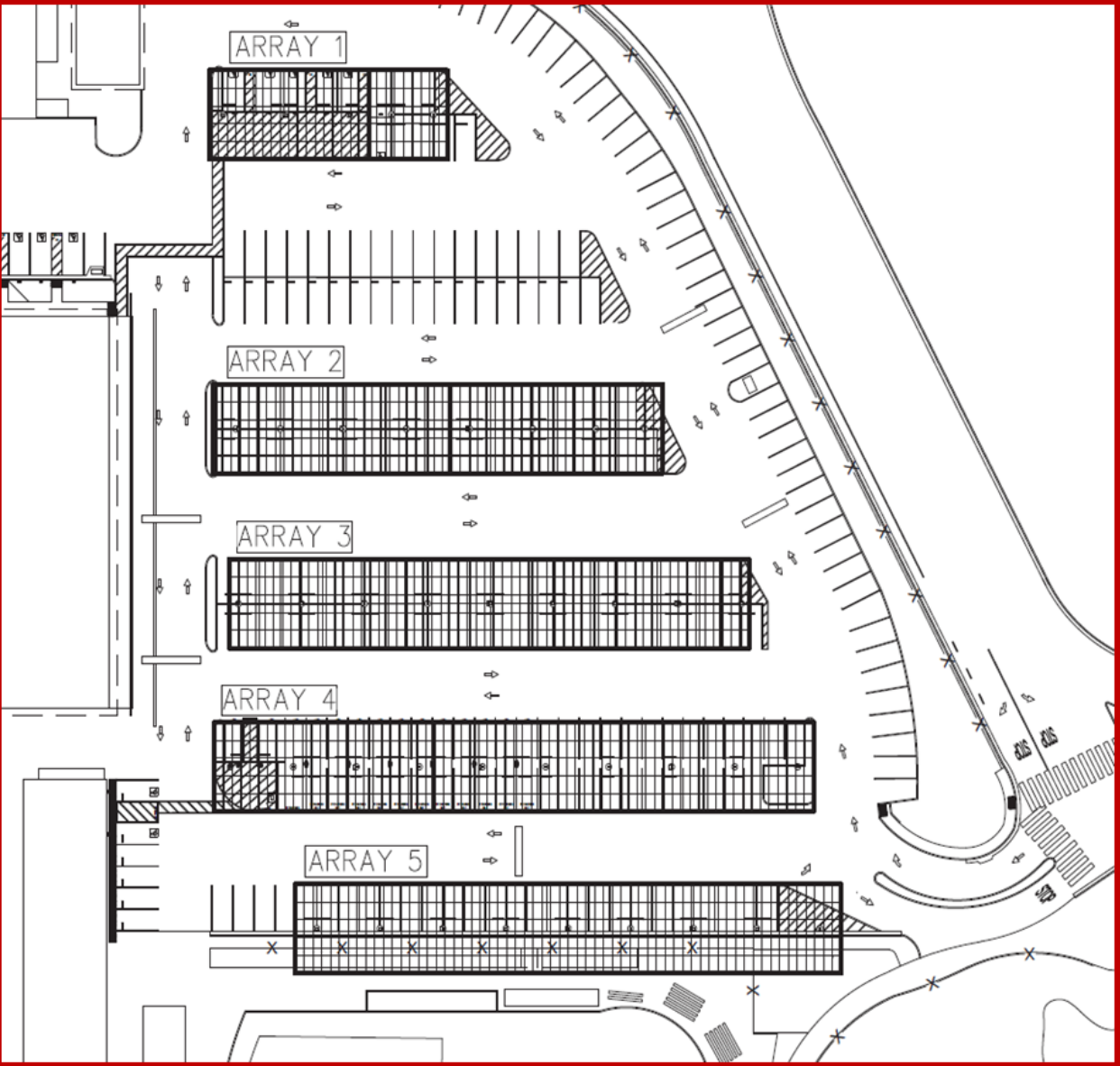
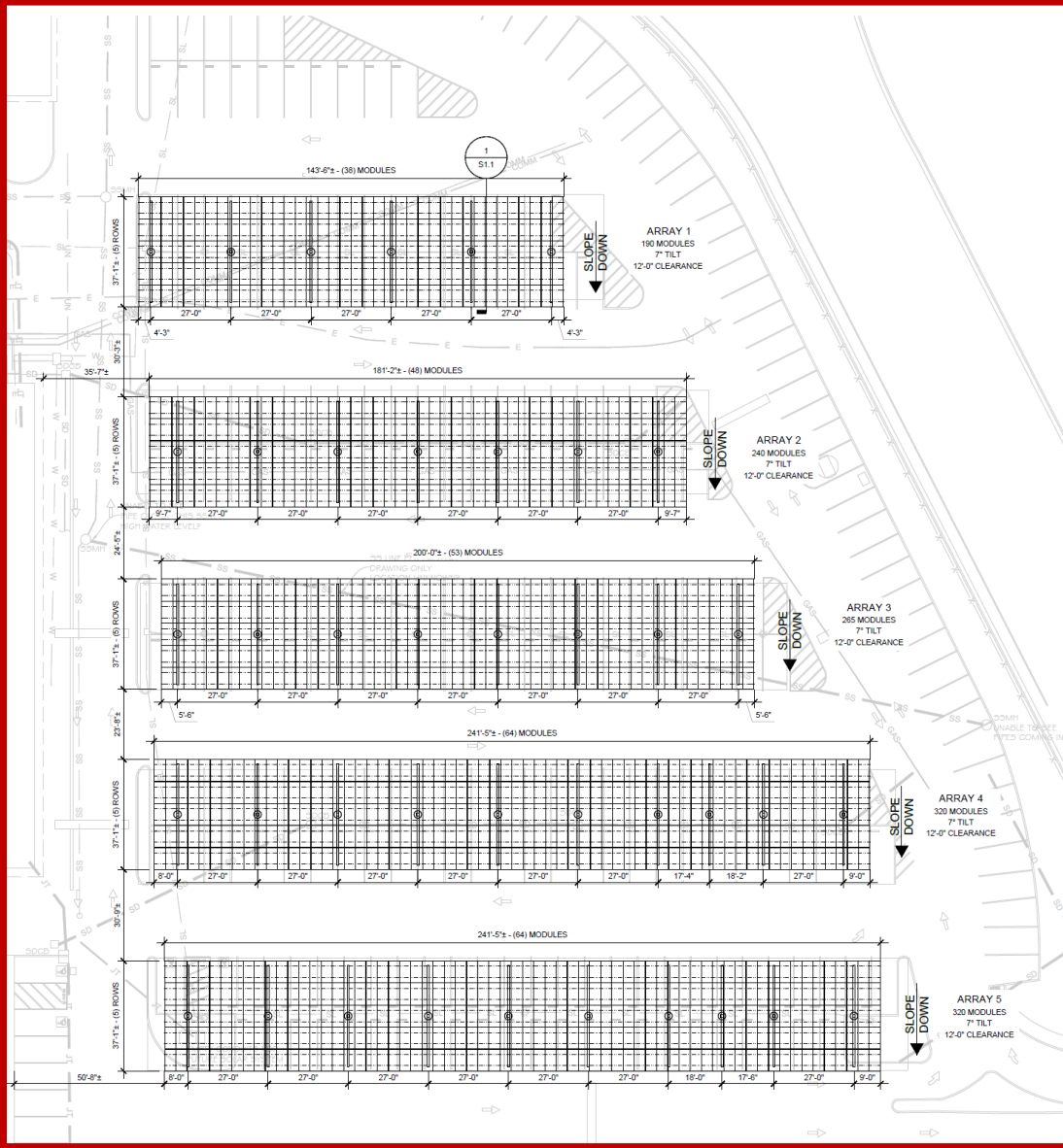
# Redwood HS Solar Array Installation Update



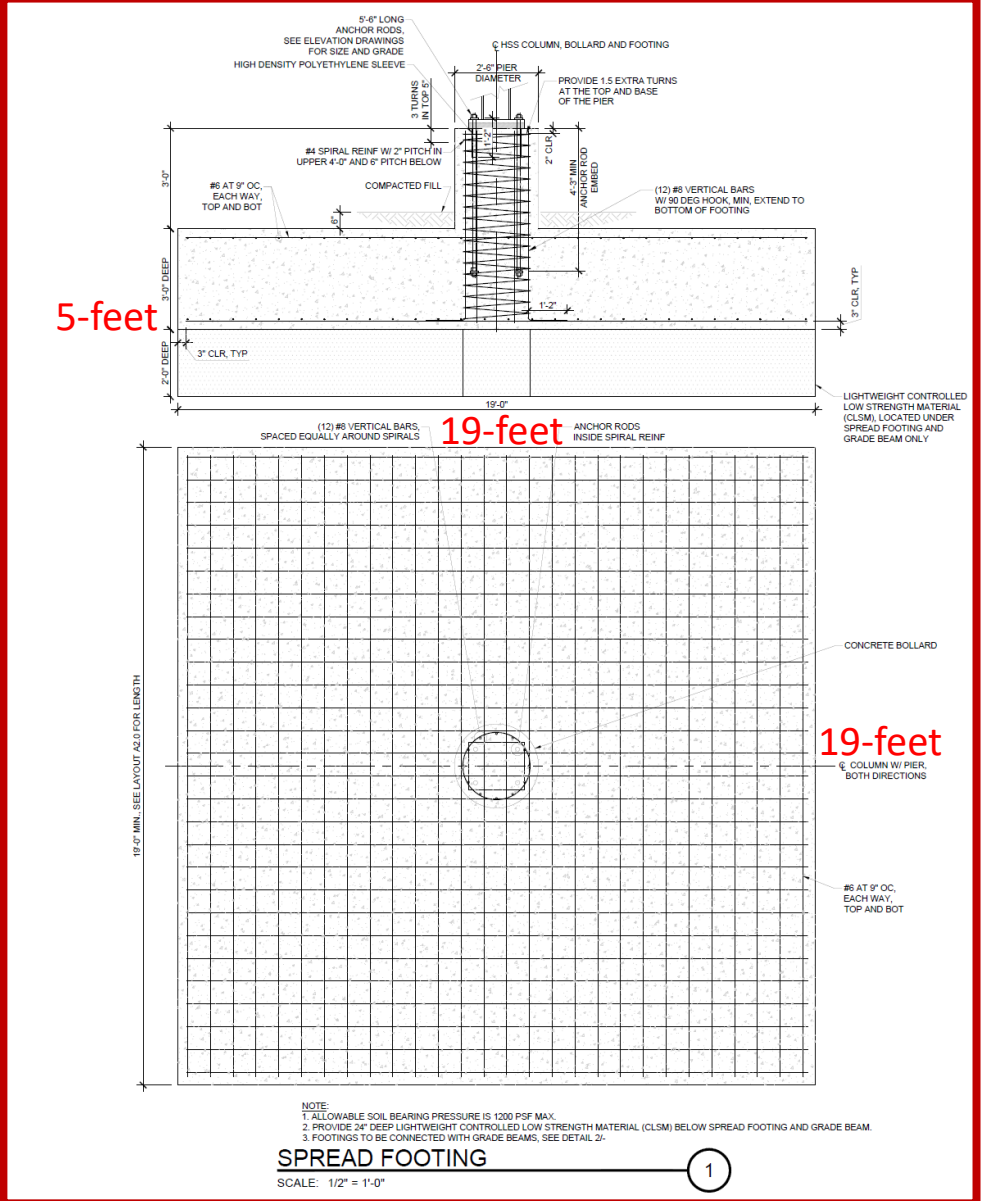
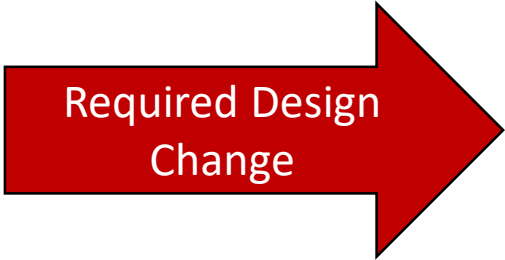
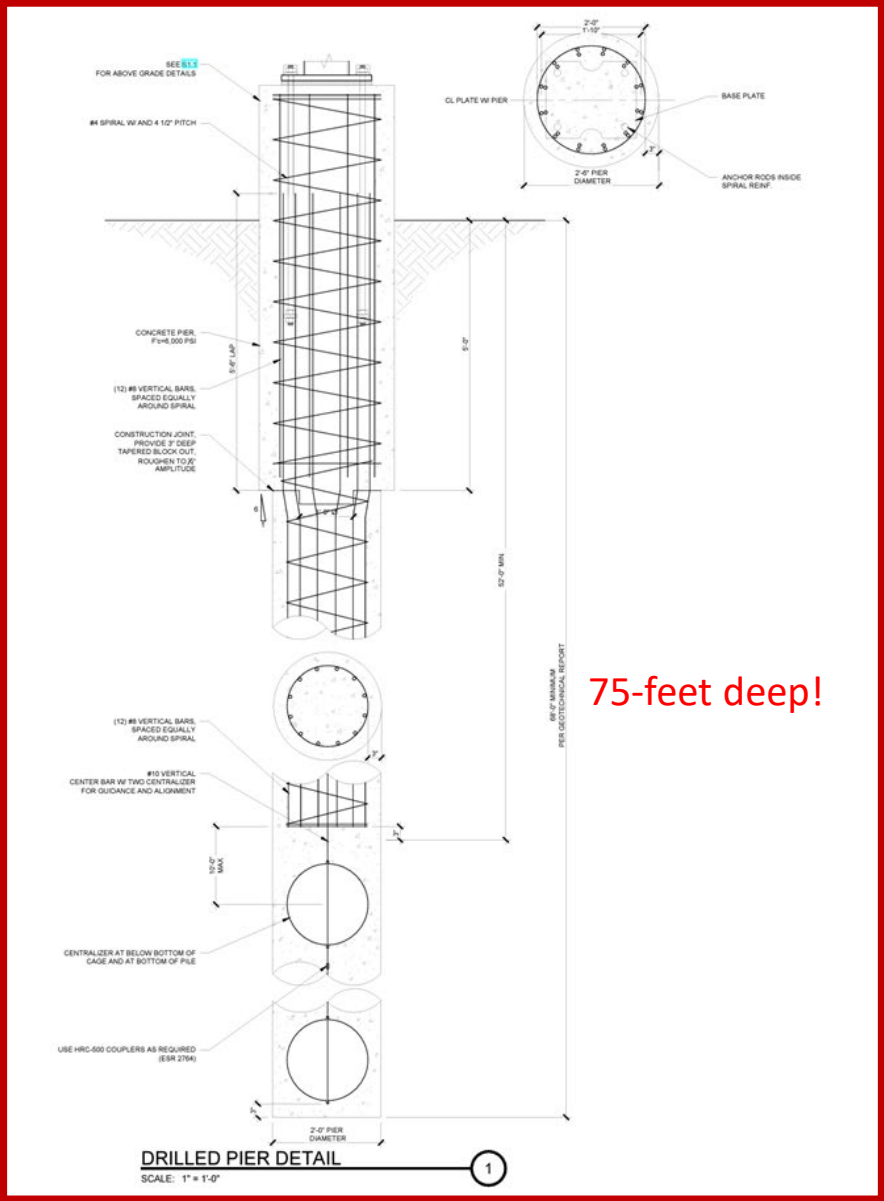
# Redwood HS Solar Array Design Changes



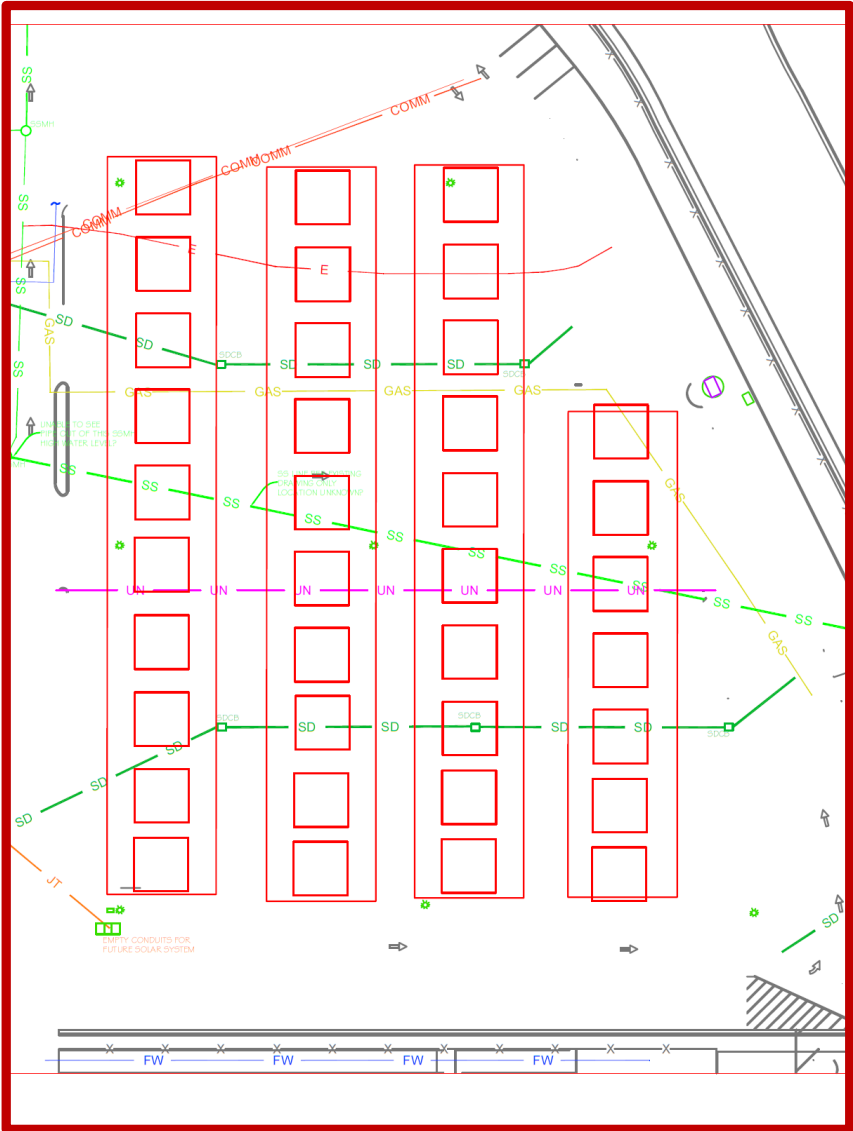
# Redwood HS Solar Array Design Changes



# Redwood HS Solar Array Design Changes

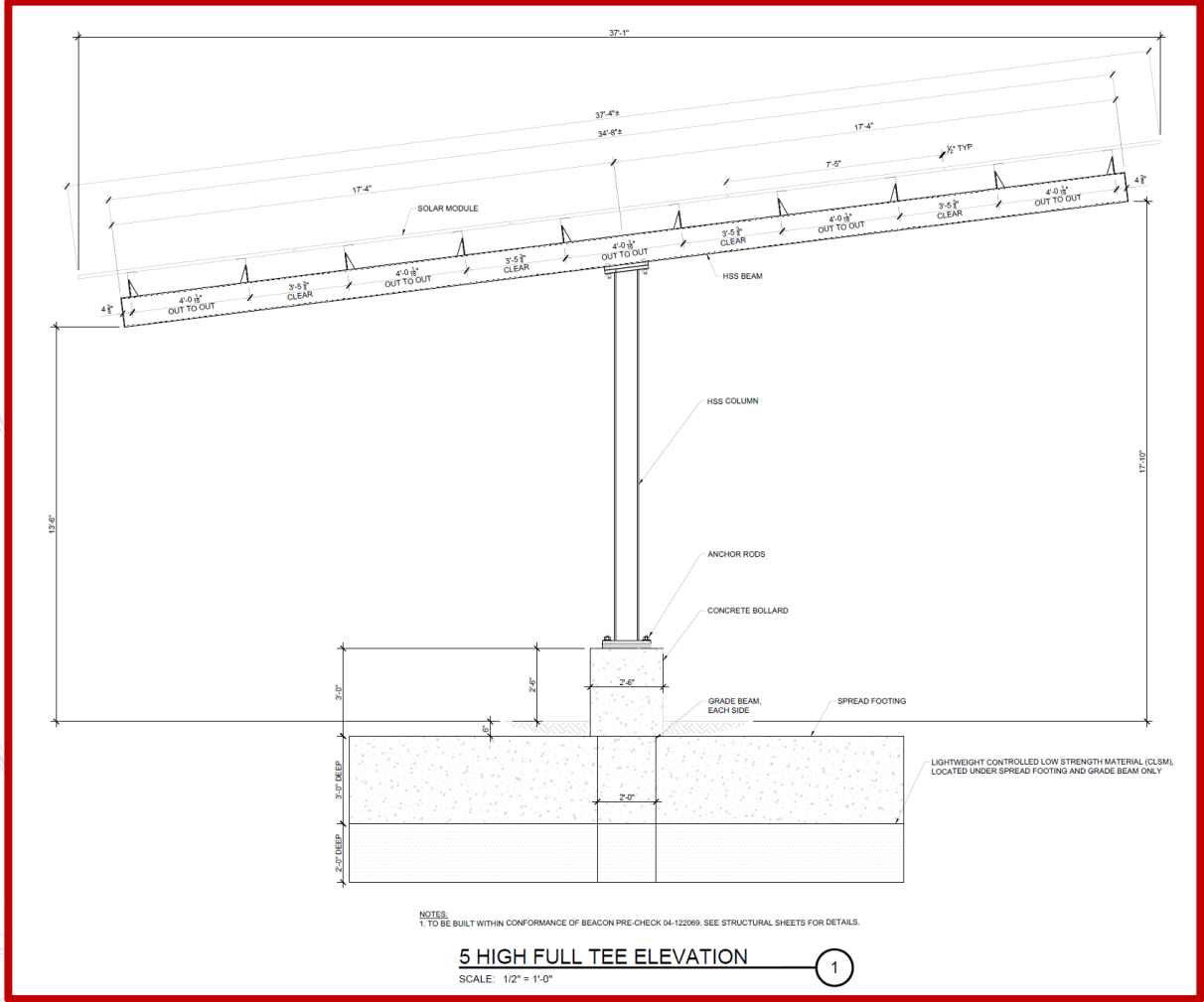
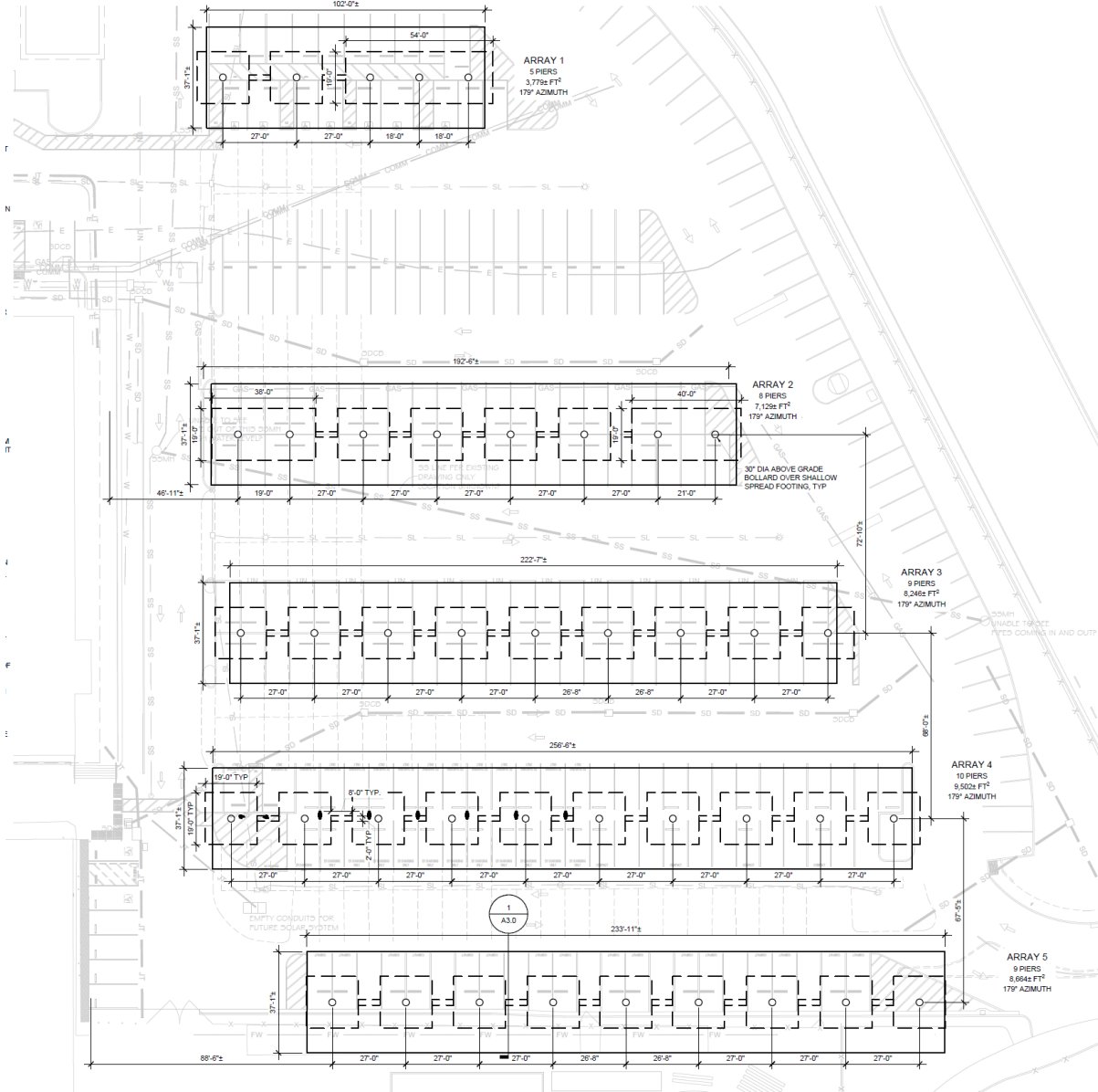


# Redwood HS Solar Array Design Option (Not Pursued)

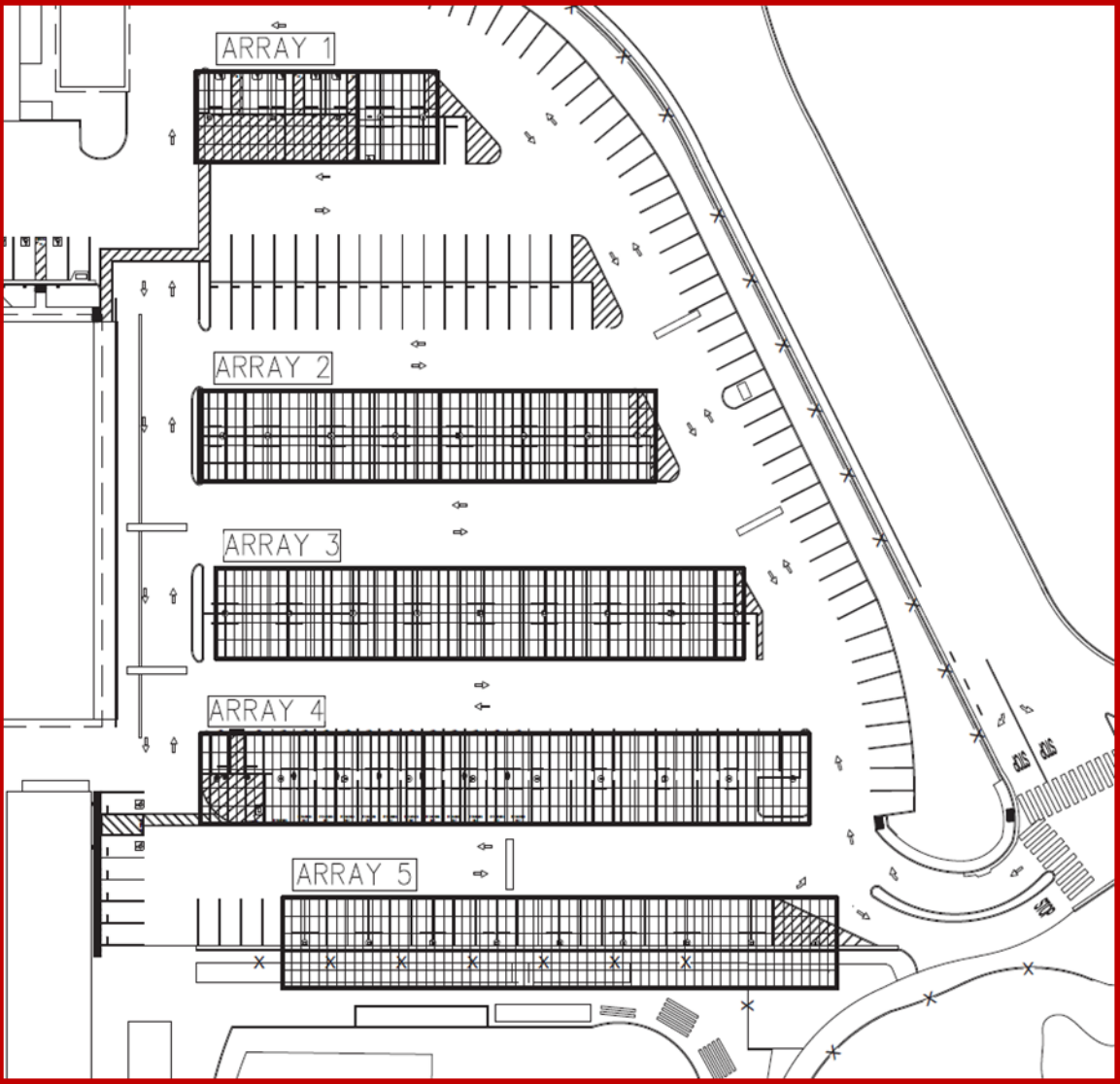
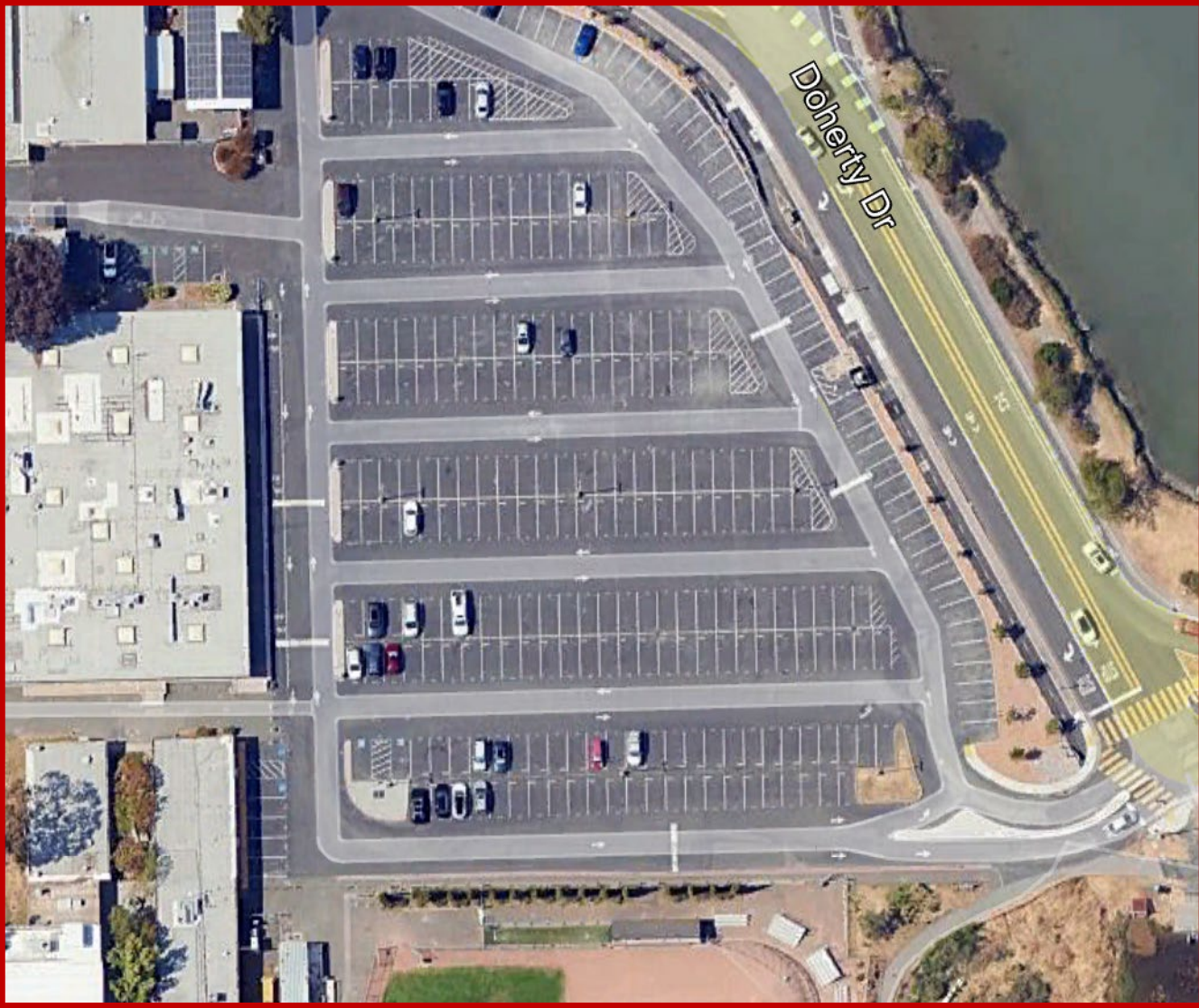




# Redwood HS Solar Array Final Design



# Redwood HS Solar Array Current Status (Starts June 2024)



# Redwood HS Solar Array Current Status

- **Division of the State Architect (DSA) Approval pending**
- **California Geological Survey (CGS) Approval pending**
- **Construction scheduled for June 14, 2024 start (pending DSA and CGS approval)**
- **If project starts on time, all construction will be completed before August 19, 2024 (first day for teachers)**

# SUMMARY OF SOLAR ARRAY INSTALLATION PROJECT

- ❑ Board approved first round of Change Orders for Solar Array Installation Project with Engie on February 6, 2024, for **\$82,101**
- ❑ This informational brief provides background information and reasoning on expected large design and construction changes
- ❑ Based on these design changes, more significant Change Orders coming for all 3 sites – expect to exceed remaining construction contingency of **\$842,131**
- ❑ Staff will bring detailed information on specific change orders for Board review and approval to future Board meetings this year

# THANK YOU!

