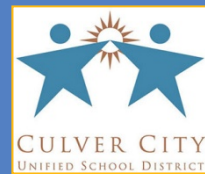




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## **Culver City Unified School District**

Photovoltaic System Project Update

**January 28, 2013**

**SUNPOWER** | THE WORLD'S STANDARD FOR SOLAR™

# Summary Update

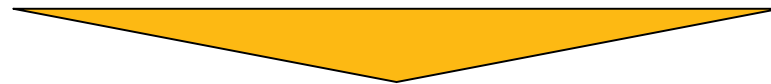
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- **SCE adopted new and stricter electrical interconnection rules that were not anticipated at time of contract approval**
- **New SCE regulations impact overall design of the solar system, such as trenching & wiring**
- **District Staff and SunPower worked together towards an agreeable redesign solution with no change in size or cost, but schedule is delayed**

# Redesign Elements

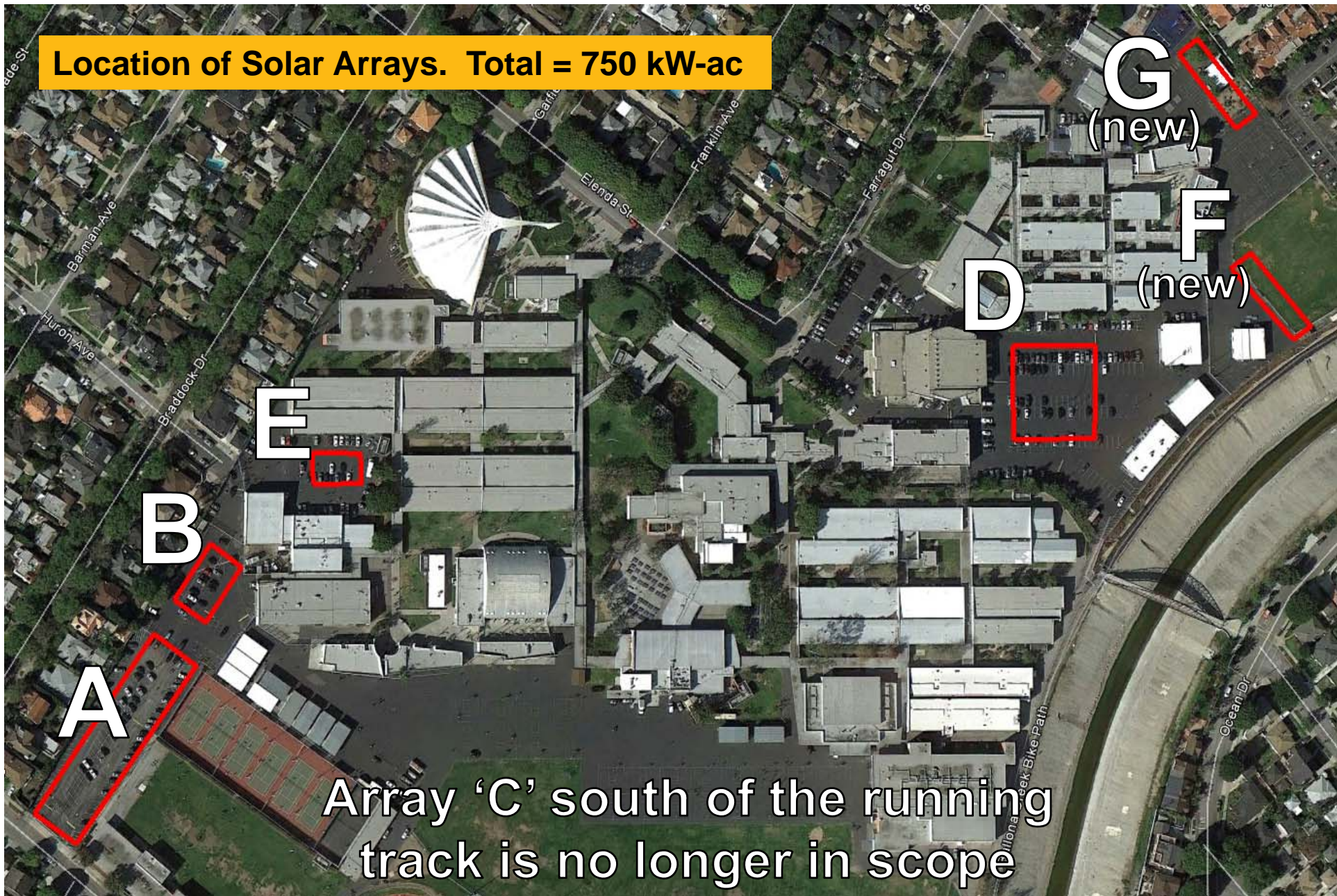
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- **Eliminate 'Carport C' (180 kW) and Replace with matching Assembly Structures 'F' and 'G'**
- **Upgrade System Design to SunPower's "Next Generation" DSA PC Structure**
- **Extend the Schedule to Commission the System in September 2013**



**NO CHANGES IN SYSTEM SIZE OR BUDGET**

Location of Solar Arrays. Total = 750 kW-ac

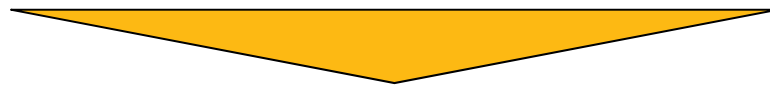


Array 'C' south of the running track is no longer in scope

# Next Generation Structural Design

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- **SunPower continuously improves its DSA PC designs with regard to structural integrity and aesthetic appeal**
- **Since the time of District's contract award, SunPower has rolled-out its next generation of fixed-tilt structures**



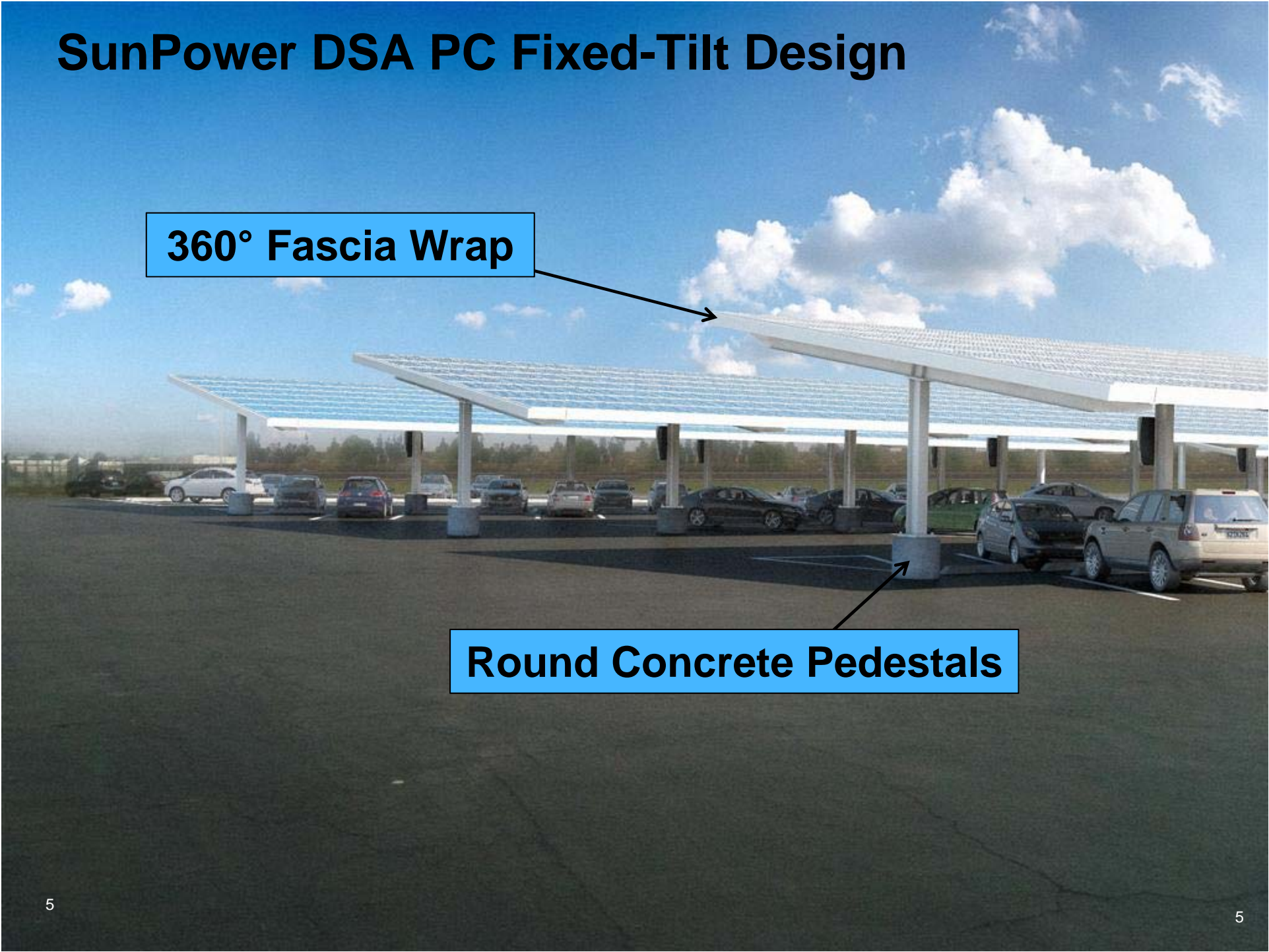
**Our goal, as before, is to ensure design satisfaction by both the District and the Community**

# SunPower DSA PC Fixed-Tilt Design

**360° Fascia Wrap**



**Round Concrete Pedestals**



# SunPower DSA PC Fixed-Tilt Design

Tapered Primary Beams

Painted Structural Steel



# SunPower DSA PC Fixed-Tilt Design



**Concealed Wiring**

# Schedule Update

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- **Original schedule planned for system commissioning in Summer 2013**
- **New schedule targets commissioning in September, 2013**
  - All underground work, concrete work, steel installation and PV module installation will be completed in Summer 2013.
  - Once school is in session, construction work will be limited to the areas directly beneath the arrays and at the point of interconnection
  - Will require a CSI rebate extension

## Next Steps

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- **Request Staff to Transfer Administration of CSI Rebate to SunPower**
  - We have full-time Staff to manage the rebate and ensure it remains intact
- **Provide Staff Updated and Detailed Schedule**
- **Proceed with electrical design using SCE's new regulations**