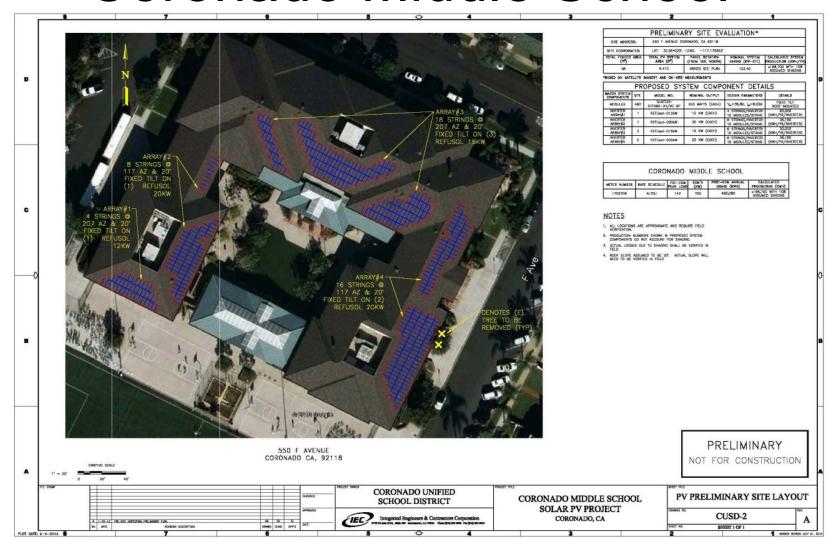


February 2013 presentation to the Coronado USD School Board by Indoor Environmental Services (IES)

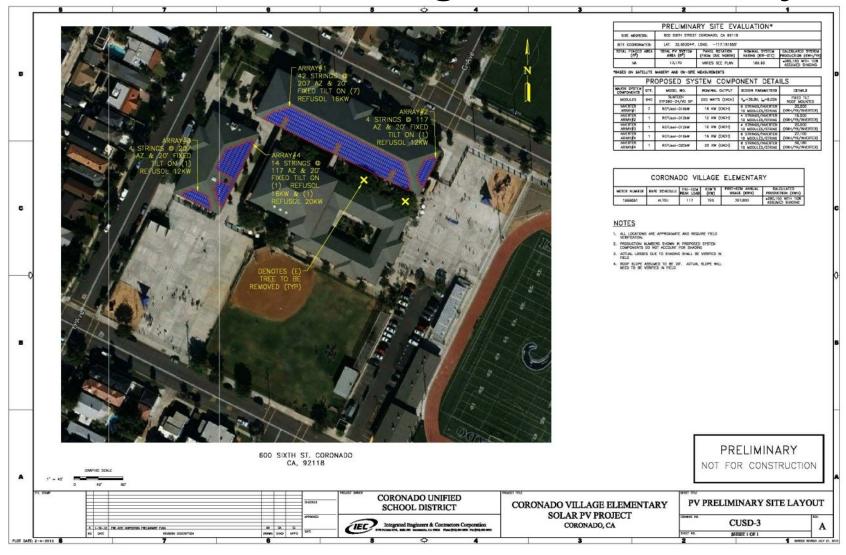
Coronado High School



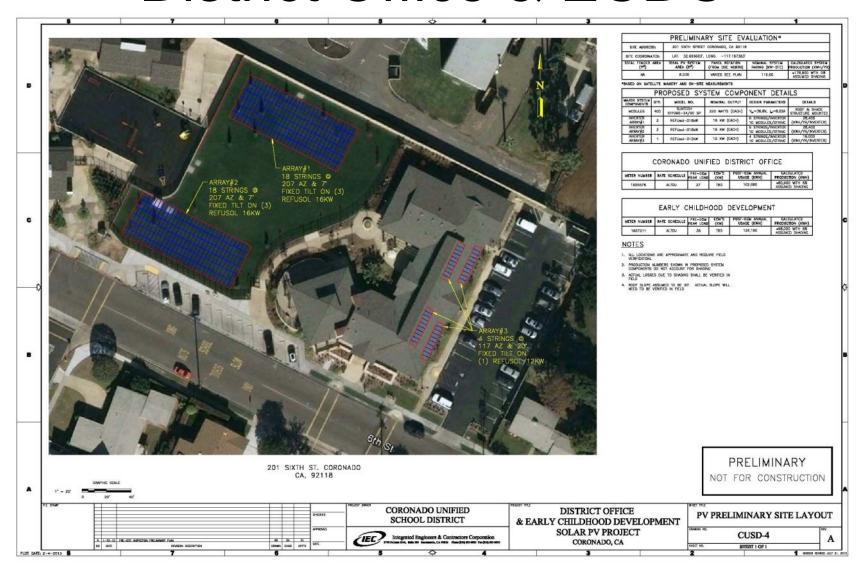
## Coronado Middle School



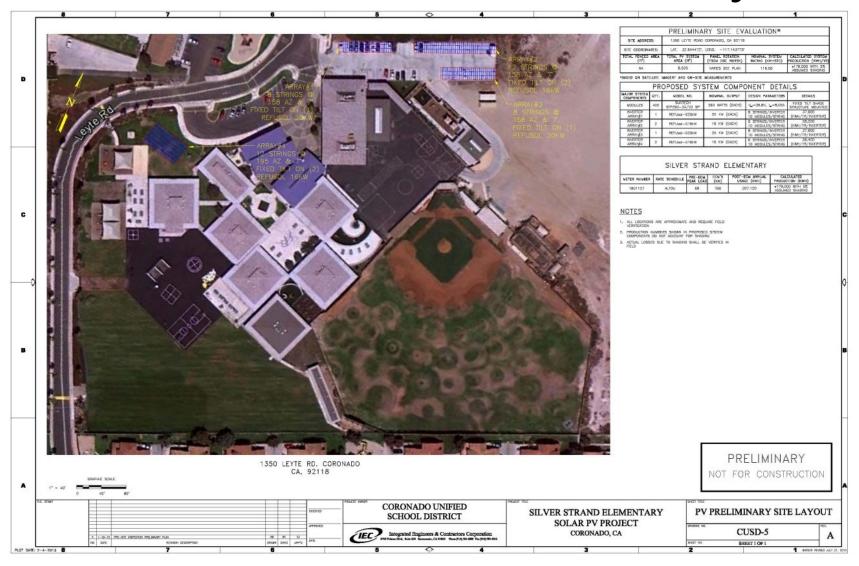
# Coronado Village Elementary



## District Office & ECDC



## Silver Strand Elementary



# Coronado High School

#### **Building 400 HVAC Installation**

The existing Heating systems for building 400 can be modified for HVAC without major modifications to the existing systems or facility

#### **General Scope of Work**

- Retrofit existing heating furnaces
- Installation of A/C equipment
- HVAC Condensers to be located on roof and ground
- Utilize existing electrical Infrastructure for HVAC
- Utilize existing control system for HVAC

#### Energy Efficiency update for CUSD

Revenues	<b>From</b>	<b>Phase</b>	1
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Revenues From Phase I			
Term Energy Savings:	\$1,964,816		
2010 Recovery Rebate:	\$ 148,685		
Deferred Replacement Savings:	\$ 85,004		
Utility Rebates:	<u>\$ 18,792</u>		
Total Term Savings:	\$2,217,296		
Investment			
Project Investment:	<b>\$1,128,573</b>		
Cash Flow To District:	<i>\$1,088,723</i>		
Revenues For Phase 2			
Term Energy Savings	\$9,353,753		
Green Rebate	\$ 250,000		
SDG&E CSI	\$ 819,000		
Phase 2 Investment = HVAC in building 400 and District Wide Solar			
Project Investment:	\$ 6,525,000		
25 yr. Cash Flow To District:	<u>\$10,423,678</u>		
Rate Of Return to District	<u>59.7%</u>		
Simple Annualized ROI	2.4%		

### Assumptions Used for Preliminary Analysis

- Existing KWH Used 2,675,161
- Solar KWH production anticipated 1,179,750
- 95% production guarantee
- 3.9% Power escalation predicted
- Calculations based on SDG&E DGR rates
- Project costs are budget only numbers
- All engineering and site surveys must be completed upon LOA approval
- HVAC installation cost of \$687,000 included