

**BEFORE THE GOVERNING BOARD OF THE
PATTERSON UNIFIED SCHOOL DISTRICT
COUNTY OF STANISLAUS, STATE OF CALIFORNIA**

RESOLUTION # 11062017-B

**RESOLUTION REGARDING THE GROUND MOUNT INSTALLATION OF SOLAR
PHOTOVOLTAIC SYSTEMS AT GRAYSON ELEMENTARY SCHOOL
AND RISING SUN SCHOOL**

WHEREAS, the Patterson Unified School District Board of Trustees (“Board”) has endorsed the goal of energy efficiency and directed staff to develop energy efficient practices for use at existing District sites; and

WHEREAS, on August 7, 2017, the Board gave approval to enter into negotiations with Indoor Environmental Services (“IES”) and its associated entities concerning energy efficiency improvements to District sites and the installation of photovoltaic systems on selected sites; and

WHEREAS, on August 7, 2017, the Board held a public hearing during its regularly scheduled Board meeting, pursuant to the Government Code sections 4217.10, *et seq.*, on a proposal to enter into an Agreement from to construct, install, operate and maintain photovoltaic systems and energy efficiency measures (“Solar Project”) on the ground on existing property in the location identified in Attachment A, incorporated herein as if fully set forth; and

WHEREAS, on August 7, 2017, at its regularly scheduled Board meeting, the Board adopted Resolution #08072017-A and made the findings required by Government Code section 4217.10, *et seq.* based on the data presented to the Board, including data compiled by IES; and

WHEREAS, the California Division of State Architect, under its Interpretation of Regulations 16-8 (rev. 10-16-12) (“DSA IR 16-8”), requires the following conditions for the Ground Structures: (i) the Ground Structures will not be used for instructional purposes; (ii) the Ground Structures will not be accessible to students, teachers or the public, and (iii) the Ground Structures will not be accessible to or used by persons with disabilities;

WHEREAS, DSA IR 16-8 requires that the Ground Structures will be enclosed by a panel fenced enclosure which will include signage ensuring that no students, teachers or the public will be subject to a hazard resulting from potential collapse of the Ground Structures;

WHEREAS, the District shall direct its staff and IES to follow all applicable requirements of DSA IR 16-8 and any other applicable laws for the installation of the Ground Structures;

NOW THEREFORE, BE IT RESOLVED that the foregoing recitals are hereby adopted as true and correct.

BE IT FURTHER RESOLVED that the Board approves the implementation of requirements for installing the Ground Structures listed in this Resolution and in the attached Attachment B and directs the District's superintendent or his designee to complete those requirements.

BE IT FURTHER RESOLVED that the Superintendent or his designee is authorized to prepare and forward a copy of the adopted and signed resolution to the Division of the State Architect (DSA), and is authorized to take such actions and execute such agreements and documentation necessary to affect the intent of this Resolution.

THIS RESOLUTION WAS PASSED AND ADOPTED by the Board of Trustees of the Patterson Unified School District, Stanislaus County, California, on this ____th day of _____, 2017, at a duly noticed meeting, by the following vote:

AYES: _____

NOES: _____

ABSTAIN: _____

ABSENT: _____

Signed and approved by me after its passage.

_____, President

ATTEST:

_____, Clerk

ATTACHMENT A
TO RESOLUTION No. 11062017-B

ATTACHMENT B
TO RESOLUTION No. 11062017-B
ADDITIONAL REQUIREMENTS
FOR
INSTALLATION OF GROUND MOUNTED PANELS

1. A California licensed architect or engineer shall prepare the plans.
2. The Board shall assume responsibility for adequate inspection of the materials and work of construction to ensure compliance with the provisions of Parts 2, 3, 4, 5, 6, 7, 11, and 12, Title 24, C.C.R., as adopted by the California Building Standards Commission.
3. The photovoltaic panels shall be ground mounted, less than or equal to 8 feet maximum in height, entirely fenced from student, teacher and public use, not associated with public viewing areas and not located in required side yards. The Ground Mountings shall not encroach into fire access lanes.
4. Signage stating **“Not Open to the Public - Authorized Personnel Only”** shall be posted on the fence surrounding the Ground Mounts.
5. The Ground Mounts shall be entirely surrounded by a fence located at a distance from the equipment equal to or greater than the maximum height of the equipment. The maximum height shall be measured from the finish grade or surface at the equipment to the top of the equipment at its highest point. A fire access gate with a lock that is capable of being cut away during emergency operations or a security lock such as “Knox Lock” shall be provided which meets the requirements of the local fire authority having jurisdiction. 10 foot clearance from all vegetation on all sides of the photovoltaic system shall be provided.
6. A disconnect location shall be identified and accessible for fire department fire-fighting operations. The Architect/Engineer of record shall coordinate with the local utility provider regarding requirements for connection to service.
7. Solar Racking Structures shall be designed for a ground snow load of 30 pounds per square foot (PSF) per ASCE 7 for sloped and slippery surfaces.