24 X 40 RELOCATABLE CLASSROOMS	Heat Pumps shall be installed with controls to prevent electric resistance §122(b) supplementary heater operation when the heating load can be met by the heat pump alone.	Thermostats shall have numeric setpoints in degrees Fahrenheit (F) and adjustable setpoint stops accessible only to authorized personnel.	stree control strot be objective up to 85 degf or higher. Where used to control both heating and cooling, the control shall be capable of providing a dead band of at least 5°F within which the supply of heating and cooling is shut—off or reduced to a minimum.		controlled by a time control device cs described above. Each space conditioning zone shall	square feet; shall be provided with devices, such as valves or dampers, that allow supply of heating or cooling to be setback or shut off independently	Each space conditioning system serving multiple zones with combined conditioned §122(g) floor area more than 25,000 square feet shar be provided with isolation zones.	\$122(e) temporarily restart and temporarily operate the system as required to maintain a setback heating and/or a setup cooling thermostat setpoint.	(a) operating period of the systems; o A 4-hour timer that can be manu operated to control the operating (b) period of the system.	then resumes the normally sched operation; and has program back copabilities that prevent the loss the device's program and time stor at least 10 hours if power interrupted; or	system during off—hours for up to 4 hours. The time switch shall be capable of programming different schedules for weekdays and weekends; incorporate an automatic holiday "shut off" feature that turns off all loads for at least 24 hours.	requirements of section 122(d)) section 122(d)) section 122(d)) section 122(d)) section 122(d)) section 122(d)) section 122(d) solutions with an accessible manual override that allows operation of	onditioning system shall one of the following: onditioning system services and such as offices and	Jriform Mechanical Code.	HVAC equipment, shall be insuin accordance with Standards Section 123. Air handling duct systems shall installed and insulated in cominstalled and insulated in cominstalled in cominstalled in cominstalled in cominsulated in cominstalled in cominsulated	lights. cept that conveying fuids ratures between 60 and ees Fahrenheit or within	Any appliance Colifornia stance Colifornia stance Appliance Effici comply with th	Equipment and Systems Efficiency	Mechanical Mandatory Measures
American Modular 787 Spreckels Ave. Manteca, Cr (209)825-1921 Fax (209)826-701 americanmodular.com	shall have insulation with the shall have insulation with the standard members.	Walls in Nonresidential The Opaque portions of texceeding those shown in	Manufactured Doors and Windows installed shall have air infiltration §116(a) rates not exceeding those shown in Table Number '-E. of standards. manufactured fenestration products must be labeled for U-value according to	Site Constructed Doors, Windows, and Skylights shall be caulked between the \$115(b) unit and the building, and shall be weatherstripped (except for unframed grass doors and fire agors).	All Exterior Joints and openings in the building that are abservable sources §117(a) of air leakage shall be caulked, gasketed, weatherstripped or otherwise sealed.	sompliance with the agrand smoke densing and smoke densing 2602 and 1 24, Part 2	for Insulating materials shall be install All Insulating Materials shall be install	Measures Installed Insulating Material shall have been certified by the manufacturer to	Another method approved by the \$121(f) Commission.	\$121(f) local or remote device capable of measuring the quantity of outside air on a continuous basis and displaying that quantity on a ready accessible displays; or	neer, (2) mechani person wi the desi or	Outside Air Certification: The system shall provide the minimum outside air §121(f) as shown on the mechanical drawings, and shall be measured and certified by the instation and particular to the contractor and particular to the co	eau (NEBB) 83), or Ass moil (AABC) 86); or	Air Balancing: The system balanced in accordance w	All gravity ventilating systems shall be provided with automatic or reacily streets accessible manually operated dampers in all openings to the outside, except for combustion air openings.	interlocked and closed on fan §122(f) shutdown shall be provided on the outside air intakes and discharges of all space conditioning and exhaust systems	Controls shall be provided to allow outside cir dampers or devices to be \$121(e) operated at the ventilation rates as specified in these plans. Gravity or automatic dampers	entilation	
Systems Inc.				maintain the water in the conditions required by applicable public health standards.	Pool circulation pump(s) shall be provided with a time switch that allows the pump to be set to run in the off-peak electrical cemand period, and for the minimum time necessary to	Pools shall be installed with directional inlets that adequately mix the pool water.	 A cover shall be provided for outdoor pools. A cover shall be provided for outdoor spas. 	ment shall not have a biot uch systems shall be installed ast 36" of pipe between the the heater to allow for the ion of spiar heating equipments.	ced/or ment si ifacturer m or ei rements	that Fmit the flow of hat water to a maximum of 2.5 gallons per minute, and 0.75 gallons/cycle (foot switches and proximity sensor controls). Pools and Spas	-closing valves, and outlet device limit the flow of hot water to a simum of 2.5 gallons per minute, 0.50 gallons/cycle (non-circulatiem)	Self-closing valves, and cutiets cevices that limit the flow of hot water to a maximum of 2.5 gallons per minute, and 0.25 gallons/cycle (circulating system).	mity sensors actiontiet devices the water to a maxim	Foot actuated control vaives, and outlet devices that limit the flow of hot water to a maximum of 0.75 gallons per minute.	facilities shall be equipped within §113(b) of the following: Outlet cevices that limit the flow of hot water to a maximum of 0.5 gallons per minute	stories in restrooms of ities shall be equipped imit the outlet temperatories in restrooms of	If a circulating hot water system is installed, it shall have a control capable §113(b) of automatically turning off the circulating pump(s) when hot water is not required.	vice Water Heating stems	Mechanical Mandatory Measures — Cont.
CUSTOMER: ENERGY MANDATORY MEASURES				Exterior mounted fixtures and served §131(e) shall be separately switched on circuits that are 20 amps of less.	ng are controlled with a cell control on the roosponding relay in the electric control of the electric controlled with a cell control of the cell controlled with a cell cell controlled with a cell cell cell cell cell cell cell ce		by a separate switch; or The effective use of daylight cannot be accomplished because the windows are continuously shaded by a building on the adjacent lot. Diagram of shading during different	Daylit Area Control All rooms with windows and skylights, §131(c) that are greater than 250 square feet, and that allow for the effective use of daylight in the area shall have 50% of the lamps in each daylit area controlled	oms oms	Individual Room/Area Controls: Each room and area in this building §131(a) is equipped with a separate switch or occupancy sensor device for each area with floor—to—ceiling walls.	were required by \$ 132; or all three lients fixtures are spic high-frequency to mot from tandem vients.	ed. Wiring for One Jorescent Fixture are wired with the	Fluorescent Ballast and Luminaries Certified §113(b) All fluorescent fixtures specified for the project are certified and listed in the Directory. All installed fixtures shall	Automatic control Devices Certified All automatic devices specified §119(h) are certified, all alternate equipment shall be certified and installed as directed by the manufacturer.	automatic building shut—ct provided with a manual, acc rride switch in signt of the area of override is not to 00 square feet.	ce, or other other or	every floor, all interior lems shall be equipped arate automatic control the lighting. This autom the lighting requirement	Lighting Mandatory Measures	
DATE: 06-12-03 SCALE: NONE DRAWN BY: Y.A. CHECKED BY: CHECKED BY: SERIAL NO.	A UST OF II ACCEPTED I	THESE DRANGED CALIFORNIA THE ITEMS I																	
REVISIONS DESCRIPTION DESCRIPTION SHEET No.	WHICH I HAVE SEEN DELEGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK TEAS HAS BEEN REVIEWED AND ACCEPTED. (FOR DRAWINGS, A 155T OF ALL DRAWINGS ARE ATTACHED, SEE SHEET NO.75). FILE NO. P.C. DENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES P.C. P.C. P.C. FLS. SS. DATE DATE	AWHIGS AND / OR SPECIFICATIONS AND / OR CALCULATIONS FOR THE STEWS USTED IVE BEEN PREPARED BY CITHER DESIGN PROFESSIONALS WHO ARE LICENSED AND ED TO PREPARE SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN FOUND TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24. A CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS ISTED BELOW ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF ISTED BELOW ARE INDIVIDUAL DESIGNATED TO BE GENERALLY RESPONSIBLE.		TOS OFFICE SATE WORKERS TOS OFFICE SATE WORKE		DATE FLSKYH SS CO	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APPOS 1 1 1 1 9 3												

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