

MODULAR MANUFACTURER PROPRIETARY STATEMENT

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PRE-CHECKED SET NAME

24' x 40' THRU 120' x 40'
2:12 PITCHED ROOF

SITE SPECIFIC PROJECT NAME

SHEET TITLE

ENERGY CALCULATIONS

MANUFACTURER PROFESSIONAL OF RECORD ON PC

AGENCY TRACKING NO. 63321-241
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-118380
AC/FL/SS/CL
DATE 6/19/2015

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS

DRAWN BY:
SCALE: AS NOTED
DATE:

SHEET NUMBER

EN.4

Project Name: AMS Modular Classroom 120x40
Project Address: C2 14 China Lake - 90 deg C2 14
Calculation Date/Time: 17:14, Thu, May 21, 2015
Input File Name: EPE_AMS_120x40_for_OSA_C214.cad

Report Version: NRCC-PRF-01-E-02232015-717

§ 140.4 Confirmed

Equip. Name	Quantity	Supply Fan				Supply Fan				Economizer Type (if present)	Confirmed	
		CFM	HP	WSP (Inch WC)	WSP (Inch WC)	CFM	HP	WSP (Inch WC)	WSP (Inch WC)			
AC-1.2	256	2000	0.750	NA	1.43	VariableSpeedDrive	NA	NA	NA	NA	Yes	Confirmed
AC-1.31	356	2000	0.750	NA	1.43	VariableSpeedDrive	NA	NA	NA	NA	Yes	Confirmed
AC-1.3	356	2000	0.750	NA	1.43	VariableSpeedDrive	NA	NA	NA	NA	Yes	Confirmed
AC-1.4	356	2000	0.750	NA	1.43	VariableSpeedDrive	NA	NA	NA	NA	Yes	Confirmed

§ 140.5 Confirmed

Equip. Name	Equip. Type	Controls	Confirmed
AC-1	SDMWRP	No DCV Controls No Economizer No Supply Air Temp. Control	Yes
AC-1.2	SDMWRP	No DCV Controls No Economizer No Supply Air Temp. Control	Yes
AC-1.31	SDMWRP	No DCV Controls No Economizer No Supply Air Temp. Control	Yes
AC-1.3	SDMWRP	No DCV Controls No Economizer No Supply Air Temp. Control	Yes
AC-1.4	SDMWRP	No DCV Controls No Economizer No Supply Air Temp. Control	Yes
DHW-1-SHW	Shower Hot Water, Primary Only	Fixed Temperature Control, No DDC	Yes

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Occupancy Type	Conditioned Floor Area (ft²)	Installed Lighting Power (Watts)	Lighting Control Credits (Points)	Additional Control Allowance	Area Category (Points)	Weighted Average (Points)
Classrooms, Lecture, Training, Vocational Areas	4,740	2,400	0	0	0	0
Building Totals:	4,740	2,400	0	0	0	0

§ 140.8 Confirmed

Name or Item Tag	Complete Luminaire Description (Lx, W, Height, Ballast, etc.)	Watts per Luminaire	Area Category (Points)	Control Credit (Points)	Total Number of Luminaire	Installed Watts	Pass	Fail
VLED	A-6W LED	60	Yes	No	40	2,400	Yes	Fail

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§ 140.9 Confirmed

This Section Does Not Apply

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

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§ 110-108 Confirmed

I certify that the Certificate of Compliance documentation is accurate and complete.

Responsible Person's Declaration Statement

I certify the following under penalty of perjury, under the laws of the State of California:

I affirm that I am eligible under the provisions of Division 9 of the Business and Professions Code to sign this document for the person responsible for the preparation and that I am licensed in the State of California as a civil engineer, mechanical engineer, electrical engineer, or a licensed architect.

I affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document for the person responsible for the preparation and that I am licensed in the State of California as a professional engineer, architect, or a licensed contractor performing this work.

I affirm that I am eligible under Division 8 of the Business and Professions Code to sign this document because it pertains to the absence of type of work described as exempt pursuant to Business and Professions Code Sections 5537, 5538 and 6737.3.

Barry Haggerty

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This Section Does Not Apply

APPROVED
DIVISION OF STATE ARCHITECT
HIGH PERFORMANCE SECTION
APP # 02-118380 DATE: 6/19/15
Barry Haggerty, C.E.P.E.