

CUSTOMER:
 WAYSIDE ELEMENTARY
 BAKERSFIELD CITY SCHOOL DISTRICT

MECHANICAL PLAN & NOTES

DATE: 04/02/08
 SCALE: NONE
 DRAWN BY: R.S.
 CHECKED BY:
 SERIAL NO.

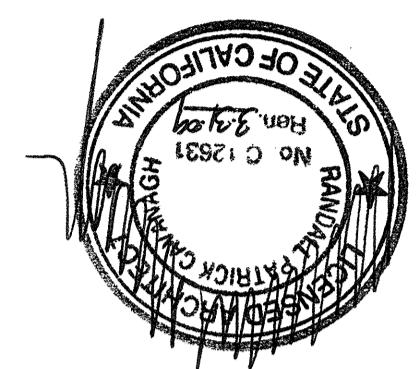
REVISIONS

NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

PROJECT NO.
 SHEET No. M1

BASED ON PC 02-104931

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APPROX 11/23/08
 DATE APR 2 9 2008
 AC FLS 55
 FILE NO. 03-11734



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 AC FLS 55

NOTE
 STUB OUT LOCATIONS FOR WATER, WASTE AND GAS ARE DIAGRAMMICAL ONLY. SEVERAL EXACT LOCATIONS MAY VARY +/- FEET. PLEASE CONTACT AMERICAN MODULAR SYSTEMS FOR EXACT LOCATIONS. POINT OF CONNECTION WILL BE AT THE FACE OF THE BUILDING.

EXHAUST FAN

MARK	DISCRPTION	CFM	WATTS	S.P.	VOLT/PH
EF-1	EXHAUST FAN	110	1050	1.0"	115-1Ø
EF-2	EXHAUST FAN	110	1050	1.0"	115-1Ø
EF-3	EXHAUST FAN	110	1050	1.0"	115-1Ø
EF-4	EXHAUST FAN	110	1050	1.0"	115-1Ø

CEILING MOUNTED
 180W INPUT

THESE DRAWINGS COMPLY WITH THE ENERGY CONSERVATION REQUIREMENTS OF TITLE 24 OF THE STATE OF CALIFORNIA

DUCT SUPPORT
 Flex duct to be supported with 1-1/2" wide x 26 #8 galv. strap @ each end. Attach to roster W/2 supply air plenum to be supported with 1-1/2" wide x 26 galv. straps min. 2 per plenum. Supply air box and diffusers to be supported with (2) 12 ga. hanger wires to box @ opposite corners. Supply air box and diffusers to be braced with (2) 12 ga. stack wires to box @ opposite corners. Attach supply air diffusers to ceiling grid to resist a lateral load equal to the weight of the diffuser and supply air box W/2 #8 SMS.

THESE DRAWINGS COMPLY WITH THE ENERGY CONSERVATION REQUIREMENTS OF TITLE 24 OF THE STATE OF CALIFORNIA

GENERAL NOTES
 7. Thermal insulation
 A.) Roof insulation: R-19 Unfaced.
 B.) Walls insulation: R-11 Kraft Faced.
 C.) Floors insulation: R-11 Kraft Faced.
 Flame spread and smoke development shall conform to California Building Code sec. 707.

PC # 22-104931

Manufacturer: American Modular Systems
 Report Number for Area Details: 14, 15 & 16

BUILDING DESCRIPTION: 12x40 Modulare Building Unit, 9

Zone: 14, 15 & 16

Envelope Measures

INSULATION

Roof: R-19 (Bat) Formes: Duct U-Factor: 0.89
 Wall: R-11 (Bat) Frames: Metal SHGC: 0.34
 Floor: R-11 (Bat) Tinting: Solation 80

Lighting Measures

Code: Quantity: Description: Lamp/Ballast: Total Watts:
 4 4 (2) 40 Fluorescent T8 Enc 2278 / Electronics 392
 8 1 (2) 40 Fluorescent T8 Enc 2278 / Electronics 112

Mechanical Measures

HP T-Stat: Electric Heat (KW): 0.0 kw. Duct Location: Condensed Steam
 Duct Insulation: m-4.2

Economizer:

Controls for Credit: Occ Sensor > 250 sq ft

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HP T-Stat: Electric Heat (KW): 0.0 kw. Duct Location: Condensed Steam
 Duct Insulation: m-4.2

Economizer:

Controls for Credit: Occ Sensor <= 250 sq ft

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CEILING MOUNTED
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RESTROOM LAVATORY-AMERICAN STANDARD-DECLYN WALL-HUNG LAVATORY
 MODEL # 0321 028
 RESTROOM FAUCETS-CHROMO #02-5350P
 CHROME PLATED P-TRAP WITH CLEAN OUT AND INSULATED WITH A MAXIMUM FLAME SPREAD OF 25 & SMOKE DENSITY OF 450 STRAINER 1/2"x3/8" TUBING ANGLE

WC- WATER CLOSETS SHALL BE WATER SAVING TANK TYPE
 BE MOUNTED AS SPECIED ON FLOOR PLAN AND IN COMPLIANCE WITH THE 24
 ELONGATED BOWL WITH OPEN FRONT TOILET SEAT AND SMALL

C. Grab Bars - 1-1/4" Diameter, 18 ga., 304 stainless steel, solid finish, 1-1/2" stand off from wall, concealed or exposed mounting. Structural strength of grab bars (250# min.), mounting length (see floor plan), and configuration shall be as required by Title 24, section 2-411.C.

D. Toilet Room Mirrors - Bobrick B165 or equal, 18x30 stainless steel chromel framed, mounted above each toilet room sink at +40" max.

E. Sewer And Water Stub Outs - shall be located within the allowable area as shown on floor plan and connections should be easily accessible for future relocation. Stub out height should be coordinated by the manufacturer.

F. Piping - Water, copper type "L", 95/5 solder. Waste, drain and vent ABS.

I. Water Heater-Rheem B1-V6D 6 Gal. with, TP1100A-40 T&P valve and 676NN copper flex.

