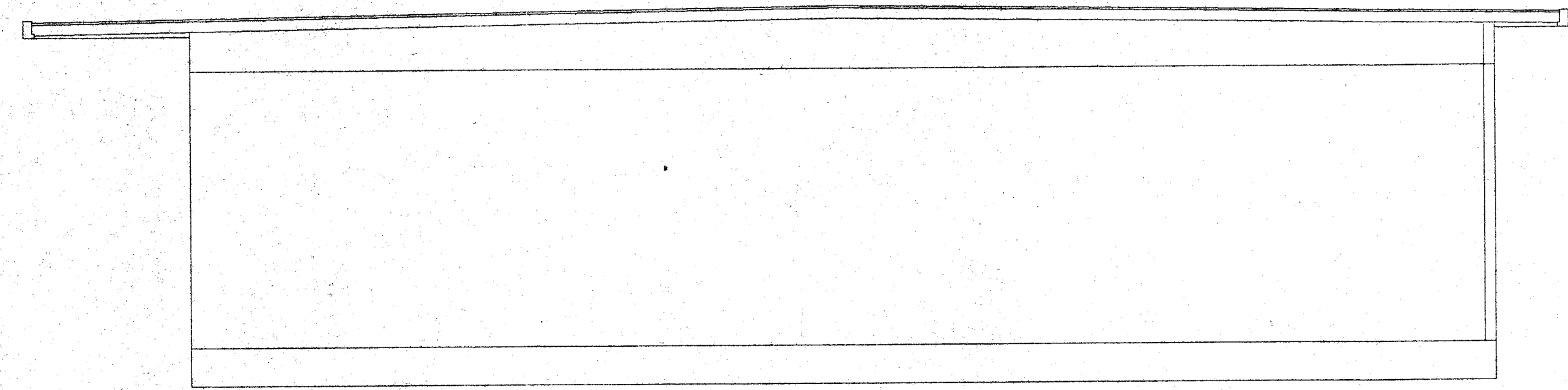


C
M1
ALTERNATE 3
FOR PLUMBING ISOMETRIC SEE
DETAIL 3/M1A SCALE: 1/4"=1'-0"



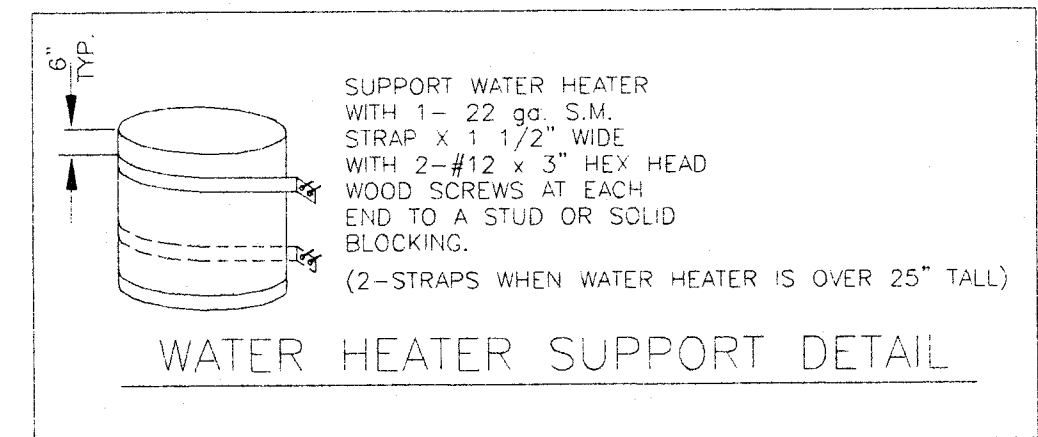
CROSS SECTION
SCALE: 1/4"=1'-0"

BUILDING FIXTURES, EQUIPMENT, & APPLIANCE SPECIFICATIONS

- C. Grab Bars - 1-1/4" Diameter, 18 ga., 304 stainless steel, satin 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 - Babrick B165 or equal, 18x30 stainless steel channel 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.
- 1. Water Heater - Champion E51-20V-0155 20GAL. with 34082 water heater pan, TP1100A-40 T&P valve and 676NN copper flex.

BUILDING PLUMBING STANDARDS:

- 1. All toilets shall be Kohler - Kingston #K-4330. All flush valves for toilets shall be Sloan - Regal Flushometer #111. All seats shall be Bemis #1955C. Provide 4x solid blocking at mounting areas. Provide four handicapped adult WC1 (seat ht. 17"); Eljer #091-0285 and two childrens WC2 (seat ht. 15"); Eljer #091-0225
- 2. All lavatories shall be cast iron porcelain finished Kohler - Hudson #K-2863. All faucets shall be Chicago #802-A336CP. P-trap may be Dearborn Brass Company #704 assembly or equal 17 ga. P-trap. Compression stops may be Brasscraft #OCR 19 CS or equal. Provide stainless steel braided connectors at least 16" long. Mounting brackets shall Jay R. Smith #0723. Provide backing plate and solid blocking as required by the manufacturer.
- 3. All urinals shall be Kohler - Bardon Superior #K-4960-ET. All urinal flush valves shall be Sloan - Regal Flushometer #186-1.0.



TITLE 24 ENERGY COMPLIANCE SUMMARY

PC # 02-104931 BUILDING DESCRIPTION: 12x40 Relocatable Building (Alt. 1)

Note: See Title 24 Energy Compliance Report Booklet for More Details

Manufacturer: American Modular Systems

Zones: 14, 15 & 16

Envelope Measures

INSULATION	GLAZING
Roof: R-19 (Batt)	Panes: Dual U-Factor: 0.65
Wall: R-11 (Batt)	Frames: Metal SHGC: 0.34
Floor: R-11 (Batt)	Tinting: Solarban 60

Lighting Measures

Code	Quantity	Description	Lamp/Ballast	Total Watts
A	4	(4) 4ft. Fluorescent T8 Exp.	F32T8 / Electronic	456
B	2	(2) 4ft. Fluorescent T8 Exp.	F32T8 / Electronic	128

Controls for Credit: Occ Sensor <= 250 sq ft

Mechanical Measures

Modular: Type: Qty: QSA: Cooling Eff.: Heating Eff.:
No unit

HP T-Stat: Electric Heat (KW) 0.0 kw Duct Location: Conditioned Space
Economizer: Duct Insulation: R-4.2

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Floor: R-11 (Batt)	Tinting: Solarban 60

Lighting Measures

Code	Quantity	Description	Lamp/Ballast	Total Watts
A	4	(4) 4ft. Fluorescent T8 Exp. Tanom	F32T8 / Electronic	352
B	1	(1) 4ft. Fluorescent T8 Exp.	F32T8 / Electronic	113

Controls for Credit: Occ Sensor > 250 sq ft

Mechanical Measures

Modular: Type: Qty: QSA: Cooling Eff.: Heating Eff.:
12x40 BARD, WH482-A 1 355 10.50 SEER 7.00 HSPF

HP T-Stat: Electric Heat (KW) 0.0 kw Duct Location: Conditioned Space
Economizer: Duct Insulation: R-4.2

GENERAL NOTES

- 6. Air conditioning controls.
Thermostat: Provide electronic programmable thermostat. Thermostat shall have the following functions.
A.) 5 and 2 weekday/weekend programming with 4 separate time/temperature setting for 24-hour period.
B.) Key board lockout switch.
C.) Programmable display.
D.) 2-hour override minimum.
E.) Status Indicated Led's.
F.) Battery back-up.
Provide locking clear thermostat cover with thermostat cover with access hole for program override. White Rodgers IF92.
- 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.

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 ga. galv. strap @ max 6'-0" o.c. Attach to rafter w/2 #8 SMS @ each end.
Supply air plenum to be supported with 1-1/2" wide x 26 ga. 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. slack 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

EXHAUST FAN					
MARK	DISCRPTION	CFM	WATTS	S.P.	VOLT/PH
EF-1	EXHAUST FAN	110	1050	.10"	115-1#
EF-2	EXHAUST FAN	110	1050	.10"	115-1#
EF-3	EXHAUST FAN	110	1050	.10"	115-1#
EF-4	EXHAUST FAN	110	1050	.10"	115-1#

NUTONE 672 CEILING MOUNTED 180W INPUT

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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APPROX 107513

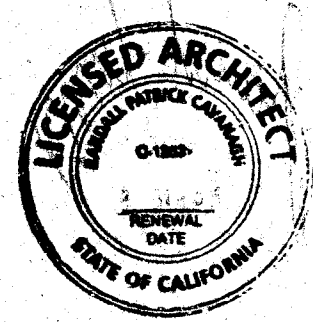
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DATE: JAN 21 2004

FILE NO.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

AC: FLS: SS
DATE

BASED ON PC 02-104931

12 X 40
RELOCATABLE
BUILDING



CUSTOMER:
BAKERSFIELD CITY SCHOOL DISTRICT
CHIPMAN JUNIOR HIGH SCHOOL

DATE: 10-21-03
SCALE: NONE
DRAWN BY: R.S.
CHECKED BY:
CHECKED BY:
SERIAL NO.

REVISIONS					
NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
△			△		
△			△		
△			△		
△			△		

PROJECT No.

SHEET No.
M1

MECHANICAL PLAN & NOTES