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CENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of	f periury that I am b	censed under pr	rovisions o	f Chapter
commencing with section 7000) of Division 3 of the Business and Professions Code and my l	icense is in full force	and effect	66 6 7	
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ereon, and who does such work himself or herself or through his/her own employees, provide. If, however, the building or improvement is sold within one year of completion, the out to build or improve for the purpose of sale.) I, as owner of the property, am exclusively contracting with licensed contractors to ode. The Contractors License Law does not apply to an owner of property who builds or intractor(s) licensed pursuant to the Contractors License Law). I am exempt under Sec. B & PC for this reason: Owner Signature WWW I I am exempt under Sec. B & PC for this reason: Owner Signature WWW I measurements and locations shown on the application or accompanying drawings and that private agreement relating to permissible or prohibited locations for such improvements. It improvement or the violation of any private agreement relating to location of improvement overtify that I have read this application and state that all information is correct. I agree to lating to building construction and herby authorize representative(s) of this city to enter upo ate VORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of I have and will maintain a certificate of consent to self-insure for workers' compensation insurance, as required by Section 3 hich this permit is issued. My workers' compensation insurance, as required by Section 3 hich this permit is issued. My workers' compensation insurance carrier and policy number a Carrier Policy Number (This section need not be completed if the permit is for \$100 or less) I certify that in thall not employ any person in any manner so as to become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall for the permit is to the workers' compensation provisions of Section 3700 of the Labor Code, I shall for the permit is to the workers' compensation provisions of Section 3700 of the Labor Code, I shall for the permit is the permit is to the workers' compensation provisions of Section 3700 of the Labor Code, I shall for the permit	construct the project improves thereon, and improves thereon, and improves thereon, and improves thereon, and improves the representation of the improvement to this building permit on the abovementione of perjury one of the foon as provided for by 700 of the Labor Codare: the performance of the resation laws of Californium that the performance of the contract of the performance of the perf	wements are not e the burden of e the constructed does not authorize y and county on d property for incoming declarate Section 3700 of the for the performance of the work for which the work for whit which the work for which the work for which the work for which	intended of proving the intended of proving the intended of proving the intended of proving the intended of th	PLOYER

CITY OF SACRAMENTO

Permit No: 0114444

PLANNING AND ZONING REVIEW
..... to be filled out by Planning staff

ADDRESS: 6536 LEMON HILL RO- A1/7
APN: 038-0111-014 ZONING: R-1
DESIGN REVIEW AREA:
PREVIOUS FILES RELATED TO SITE: NONE
EXISTING LAND USE: VACA-VT
PROPOSED USE: SFR
COMMENTS: SETBREKS & COT COVERAGES
OFFICE CONTROL (3505)
DATE: 11-6-01 BY: m54
DOES IT APPEAR THAT THE PROJECT WILL REQUIRE A PLANNING APPLICATION?
YES (If yes, circle applications needed below)
StaffZAPlanning CommissionDesign ReviewPreservation Review
CONCLUSION:
DATE: 11-6-01 BY: M5Y

OWNER-BUILDER VERIFICATION

ATTENTION PROPERTY OWNERS

An owner-builder building permit has been applied for in your name and bearing your signature.

Please complete and return this information in the envelope provided at your earliest opportunity to avoid unnecessary delay in processing and issuing your building permit. No building permit will be issued until this verification is received.

1. I personally plan Improvement (y	n to provide the major labores of no	or and materials for co	onstruction of the proposed
			signed an application for
3. I have contracte	d with the following perso	on (firm) to provide th	ne proposed construction:
Name	BD	_Address	
Contractors Li	cense No		
	e portions of the work, but provide the major work.	I have hired the follo	owing person to coordinate,
Name		Address	
City	<u>A</u>	Telephone	
Contractors Lic	ense No	·	
I will provide so Work indicated:	me of the work but I have	contracted (hired) th	e following to provide the
Name	Address	Phone	Type of work
	!/A		
Signed	2 Wull- 36 Lenau 14		
Job Address 6S	Ub LEMMUS / H	u /wz	
Permit No: O/	14444		

0114444

FOR 6536 LEMON HILL RD. PROJECT NO. 01045

TECHNICAL NOTES/CLARIFICATIONS

The following measures are required for compliance to the Title 24 Energy regulations:

- Owner or designer must sign page 3 of CF-1R.
- Minimum building shell insulation shall be:

Roof (ceiling)	R-38
Walls (exterior)	R-13
Ducts (attic)	R-4.2

- All windows are dual glazed, vinyl framed, and Low E2 glass.
- Typical efficiencies are specified for the heating and cooling.

Heating: Gas furnace with a minimum of 78 AFUE Cooling: Electric A/C with a minimum of 12.0 SEER

• Water heating shall be any CEC certified gas water heater with a maximum tank capacity for 50 gallons with a minimum Energy Factor of EF=0.58.

THANK YOU FOR LETTING CONNERLY AND ASSOCIATES BE OF SERVICE. IF ANY QUESTIONS ARISE, PLEASE DON'T HESITATE TO GIVE US A CALL.

CITY OF SACRAMENTO PERMIT ASSISTANCE

NOV 0 6 2001

RECEIVED

Date..11/02/01 10:00:59 Project Title..... 6536 LEMON HILL RD. ***** Project Address..... *v6.01* Building Permit # _ * * * * * * * * Documentation Author... KIRK CLARK Connerly and Associates Inc Plan Check / Date 2215 21st St Sacramento, CA 95818 Field Check/ Date (916) 456-4784 Climate Zone..... 12 Compliance Method..... MICROPAS6 v6.01 for 2001 Standards by Enercomp, Inc.

CERTIFICATE OF COMPLIANCE: RESIDENTIAL

MICROPAS6 v6.01 File-01045 Wth-CTZ12S92 Program-FORM CF-1R User#-MP0130 User-Connerly and Associates I Run-10/31/01 KC

GENERAL INFORMATION

Conditioned Floor Area.... 1406 sf
Building Type....... Single Family Detached
Construction Type New
Building Front Orientation. Front Facing 0 deg (N)
Number of Dwelling Units... 1
Number of Stories...... 1
Floor Construction Type... Slab On Grade
Glazing Percentage...... 17.1 % of floor area
Average Glazing U-factor... 0.4 Btu/hr-sf-F
Average Glazing SHGC.... 0.35
Average Ceiling Height... 8 ft

BUILDING SHELL INSULATION

Component	Frame	Cavity	Sheathing	Total	Assembly	Location/Comments
Type	Type	R-value	R-value	R-value	U-factor	
Wall Door Roof SlabEdge	Wood None Wood None	R-13 R-0 R-38 R-0	R-0 R-0 R-0 R-0	R-13 R-0 R-38	0.088 0.330 0.029 F2=0.760	

FENESTRATION

Orientat	ion		Area (sf)	U- Factor	SHGC	Interior Shading	Exterior Shading	Over- hang/ Fins
Window Window Window Window Window Window Window Window Window	Front Front Front Left Left Back Back Right	(N) (N) (E) (E) (S) (S) (S)	25.0 5.0 36.0 3.0 9.0 36.0 18.0 48.0 60.0	0.400 0.400 0.400 0.400 0.400 0.400 0.400 0.400	0.350 0.350 0.350 0.350 0.350 0.350 0.350 0.350	Standard Standard Standard Standard Standard Standard Standard Standard	Standard	Yes Yes None None None None None None

CF-1R

Project Title..... 6536 LEMON HILL RD.

Date..11/02/01 10:00:59

MICROPAS6 v6.01 File-01045 Wth-CTZ12S92 Program-FORM CF-1R User#-MP0130 User-Connerly and Associates I Run-10/31/01 KC

SLAB SURFACES

Area (sf) Slab Type

Standard Slab 1406

HVAC SYSTEMS

Equipment Type	Minimum C	Refrigera Charge ar Airflow		Duct R-value	Tested Duct Leakage	ACCA Manual D	Thermostat Type
Furnace ACSplit	0.780 AFUE 12.00 SEER	n/a No	Attic Attic	R-4.2 R-4.2	No No	No No	Setback Setback
		WATER	R HEATING SY	STEMS			
Tank Type	Heater Type	Distril	bution Type	Number in System	Energy Factor	Tank Size (gal)	External Insulation R-value
Storage	Gas	Standard	đ	1	0.58	50	R- n/a
			REMARKS				

Project Title..... 6536 LEMON HILL RD.

Date..11/02/01 10:00:59

MICROPAS6 v6.01 File-01045 Wth-CTZ12S92 Program-FORM CF-1R User#-MP0130 User-Connerly and Associates I Run-10/31/01 KC

COMPLIANCE STATEMENT

This certificate of compliance lists the building features and performance specifications needed to comply with Title-24, Parts 1 and 6 of the California Code of Regulations, and the administrative regulations to implement them. This certificate has been signed by the individual with overall design responsibility. When this certificate of compliance is submitted for a single building plan to be built in multiple orientations, any shading feature that is varied is indicated in the Special Features Modeling Assumptions section.

Moderring	Appamperons	
	DESIGNER or OWNER	DOCUMENTATION AUTHOR
Company. Address. Phone License.	(date)	Name KIRK CLARK Company. Connerly and Associates Inc Address. 2215 21st St Sacramento, CA 95818 Phone (916) 456-4784 Signed //-2-0, (date)
	ENFORCEMENT AGENCY	
Title		
Phone		
Signed	(date)	

Date..11/02/01 10:00:59 Project Title...... 6536 LEMON HILL RD. **** Project Address..... *v6.01* Building Permit # ***** Documentation Author... KIRK CLARK Connerly and Associates Inc Plan Check / Date 2215 21st St Sacramento, CA 95818 Field Check/ Date (916) 456-4784 Climate Zone..... 12 Compliance Method..... MICROPAS6 v6.01 for 2001 Standards by Enercomp, Inc.

MICROPAS6 v6.01 File-01045 Wth-CTZ12S92 Program-FORM C-2R User#-MP0130 User-Connerly and Associates I Run-10/31/01 KC

MICROPAS6	ENERGY USE	SUMMARY	
Energy Use (kBtu/sf-yr)	Standard Design	Proposed O Design	Compliance Margin
Space Heating Space Cooling Water Heating	20.92 5.79 16.49	21.13 7.23 14.79	-0.21 -1.44 1.70
Total	43.20	43.15	0.05
*** Building complies	with Comput	er Performan	ce ***

GENERAL INFORMATION

1406 sf Conditioned Floor Area.... Single Family Detached Building Type..... Construction Type New Building Front Orientation. Number of Dwelling Units... Number of Building Stories. Front Facing 0 deg (N) 1 ReducedYear Weather Data Type.... Slab On Grade Floor Construction Type.... Number of Building Zones... 1 11248 cf Conditioned Volume..... 1406 sf Slab-On-Grade Area..... 17.1 % of floor area Glazing Percentage..... 0.4 Btu/hr-sf-F Average Glazing U-factor... 0.35 Average Glazing SHGC..... Average Ceiling Height.....

BUILDING ZONE INFORMATION

Zone Type	Floor Area (sf)	Volume (cf)	# of Dwell Units	Cond- itioned	Thermostat Type	Vent Height (ft)	Vent Area (sf)	Air Leakage Credit
HOUSE Residence	1406	11248	1.00	Yes	Setback	2.0	Standard	No

Project Title..... 6536 LEMON HILL RD.

Date..11/02/01 10:00:59

MICROPAS6 v6.01 File-01045 Wth-CTZ12S92 Program-FORM C-2R User#-MP0130 User-Connerly and Associates I Run-10/31/01 KC

OPAQUE SURFACES

Su	rface	Area (sf)	U- factor	Insul R-val			olar ains	Form 3 Reference	Location/ Comments
НОТ									
1	Wall	314	0.088	13	0	90	Yes	W.13.2X4.16	
2	Wall	308	0.088	13	90	90	Yes	W.13.2X4.16	
3	Wall	298	0.088	13	180	90	Yes	W.13.2X4.16	
4	Wall	260	0.088	13	270	90	Yes	W.13.2X4.16	
5	Door	20	0.330	0	0	90	Yes	None	
6	Roof	1406	0.029	38	n/a	0	Yes	R.38.2X12.16	

PERIMETER LOSSES

Surface	Length (ft)	F2 Factor	Insul R-val		Location/Comments
HOUSE 7 SlabEdge	180	0.760	R-0	No.	

FENESTRATION SURFACES

	rea sf)	U- factor	SHGC	Act Azm		Exterior Shade Type/SHGC	Interior Shade Type/SHGC
2 Window Front (N) 3 Window Front (N) 3 4 Window Left (E) 5 Window Left (E) 6 Window Back (S) 3 7 Window Back (S) 1 8 Window Back (S) 4	5.0 6.0 3.0 9.0 6.0 8.0	0.400 0.400 0.400 0.400 0.400 0.400 0.400 0.400	0.350 0.350 0.350 0.350 0.350 0.350		90 90 90 90 90 90 90	Standard/0.76 Standard/0.76 Standard/0.76 Standard/0.76 Standard/0.76 Standard/0.76 Standard/0.76 Standard/0.76 Standard/0.76	Standard/0.68 Standard/0.68 Standard/0.68 Standard/0.68 Standard/0.68 Standard/0.68 Standard/0.68 Standard/0.68 Standard/0.68

OVERHANGS AND SIDE FINS

		.ndow—	<u></u>	Ove:				eft F	in	——R	ight H	Fin—
Surface	Area (sf) Wdth	Hgth	Dpth	Hght	Ext	Rght Ext	Ext	Dpth	Hght	Ext	Dpth	Hght
HOUSE 1 Window 2 Window	25.0 n/a 5.0 n/a	5 5	5 5	0	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a

Project Title..... 6536 LEMON HILL RD.

Date..11/02/01 10:00:59

MICROPAS6 v6.01 File-01045 Wth-CTZ12S92 Program-FORM C-2R User#-MP0130 User-Connerly and Associates I Run-10/31/01 KC

SLAB SURFACES

Area Slab Type (sf)

HOUSE

Standard Slab 1406

HVAC SYSTEMS

System Type		Refrigera Charge an Airflow		Duct R-val		t	ACCA Manual D	Duct Eff
HOUSE Furnace ACSplit	0.780 AFUE 12.00 SEER	,	Attic Attic	R - 4 R - 4			No No	0.743 0.674
		WATER	HEATING SY	STEMS				
Tank Type	Heater Type	Distrib	ution Type	Number in System	Energy Factor	Tank Size (gal)		lation
1 Storage	Gas	Standard		1	0.58	50		n/a
			REMARKS					

Project Title Project Address	6536 LEMON HILL RD.	Da	te11/02/01 10:00:59
Documentation Author	KIRK CLARK Connerly and Associates 2215 21st St	*v6.01* ****** Inc	Building Permit # Plan Check / Date
Climate Zone Compliance Method	Sacramento, CA 95818 (916) 456-4784 12 MICROPAS6 v6.01 for 200	1 Standards	Field Check/ Date by Enercomp, Inc.

MICROPAS6 v6.01 File-01045 Wth-CTZ12S92 Program-HVAC SIZING User#-MP0130 User-Connerly and Associates I Run-10/31/01 KC

GENERAL INFORMATION

HEATING AND COOLING LOAD SUMMARY

Description	Heating (Btuh)	Cooling (Btuh)
Opaque Conduction and Solar. Glazing Conduction. Glazing Solar. Infiltration. Internal Gain. Ducts. Sensible Load. Latent Load.	11272 3744 n/a 6167 n/a 2118 23301 n/a	3976 2112 3969 2062 2100 1422 15642 3128
Minimum Total Load	23301	18771

Note: The loads shown are only one of the criteria affecting the selection of HVAC equipment. Other relevant design factors such as air flow requirements, outside air, outdoor design temperatures, coil sizing, availability of equipment, oversizing safety margin, etc., must also be considered. It is the HVAC designer's responsibility to consider all factors when selecting the HVAC equipment.

MANDATORY MEASURES CHECKLIST: RESIDENTIAL (Page 1 of 2) MF-1R

Note: Lowrise residential buildings subject to the Standards must contain these measures regardless of the compliance approach used.

Items marked with an asterisk (*) may be superseded by more stringent compliance requirements listed on the Certificate of Compliance. When this checklist is incorporated into the permit documents, the features noted shall be considered by all parties as minimum component performance specifications for the mandatory measures whether they are shown elsewhere in the documents or on this checklist only.

Instructions: Check or initial applicable boxes when completed or enter N/A if not applicable.

Building Envelope Measures: # \$1900: Loos fill insulation manufactures' labeled R-Valor. # \$1900: Loos fill insulation manufactures' labeled R-Valor. # \$1900: Loos fill insulation manufactures' labeled R-Valor. # \$1900: She does for extern manufactures' labeled R-Valor. # \$1900: She does for statement with a statement of the statement with a statement of the statement of t	DESCRIPTION	DESIGNER	ENFORCEMENT
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dees not apply to exterior mass wells. \$1500: Sibb edge insulation water absorption rate to greater than 0.3%, water vapor measurisation rate to greater than 0.2 permittion. \$118: Insulation specified or installed meets insulation quality standards. Insulation recognitions are presented to permittion. \$118: Insulation specified or installed meets insulation quality standards. Insulation (Particular) and the present of t		NIA	
\$150(c): Shiftman R-13 raised floor insulation in framed floors. \$150(c): Shiftman R-15 raised floor insulation in framed floors. \$150(c): Shift edge insulation: water absorption rate to greater than 0.3%, water vapor transmission rate parent than 0.10 permits than 1.00 permits t	§150(c): Minimum R-13 wall insulation in wood framed walls or equivalent U-value in metal frame walls	2 /2	
1500): Side degr. installation - water absorption rate no greater than 0.2%, water vapor immunisation nate or perater than 2.0 permitted. 1116: Trensstration proclemate, Esterior Down, and full full statistics. Indicate type and form. 1116: Trensstration products (except, Esterior Down, and full full statistics. Controls.) 1. Does and windown between conditioned and acconditional passes designed to limit air featage. 2. Ferestration products (except, field-facinate) they client with certified U-rates, certified Sofar Feet. 1150(g): Vapor barriers manifatory in Clineas Zones I and 16 only. 3. Esterior doors and visions weatherstripeck all plains and pemetrations cashad and sealed. 1150(g): Vapor barriers manifatory in Clineas Zones I and 16 only. 1150(g): Installation of Fireplaces, Decorative Can Appliances and Gas Logs. 1. Manory and functy-built (freplaces have: a. Coloreable nation of plass door b. Outside air intales with damper and coercol c. Fine damper and coercol c. Fine damper and coercol 1150(g): Statistics with damper and coercol c. Fine damper and coercol 3. Decorations huming gas pilot lights allowed. 2. No continuous huming gas pilot lights allowed. 2. No continuous burning gas pilot lights allowed. 3. Society coultment, wetter besters, showerbeast and function certified by the Commission. 5150(f): Realing smidor cooling Josha calculated in accordance with ASSRAE, SMACNA or ACCA. 2150(f): Statest thermosten on all applicable heating smidor cooling systems. 1. Socrega gas white heaten rate with an Energy Fotor ten then 0.58 must be externally wrapped with installation. Brain installation has religious installation than silicated on the installation has religious installation function on religious decides on the carbon land of the control on religious decides on religious decides on the carbon land of the control on religious decides on religious decides on control with he CRO 150(f): State of pipes closes to water heater tank, non-occirculating systems, insulated (area on oth		17-7-3	
In greater than 2.0 permytatio. NA		R-MA	
\$116-17: Penestration Products, Exterior Doors, and Inditionation/Extilination Controls 1. Doors and windows hetewen conditioned and accorditioned spaces designed to limit air leakage. 2. Femestration products (except field-deficiated) pive leads with contribled U-value, certified Solar Hest Galla Coefficient (SHIGC), and infiltration certification. 3. Exterior doors and windows weathersityped, all prints with certified U-value, certified Solar Hest Galla Coefficient (SHIGC), and infiltration terrifications are subject to the second of the		N/A	ĺ
1. Doors and windows between conditioned and unconditioned spaces designed to limit air leakage. 2. Presentation products (except field-dishetate(hiper label with certifield U-value, certified 50th Heat Cala Coefficient (SHGC), and infraston certification. 3. Exterior doors and vindows weatherstripped, all joins and penetrations caulited and scaled. 815909: **Special indilization barrier installed to comply with § 151 meets Commission quality standards. 815909: Installation of Friepinece, Decorative Cas Appliances and Gas Logs. 1. Manonary and factory-hall (freplaces have: a. Cloreable nexted or glass door b. Outside air Instalve with damper and control 2. No continuous burning gas pilot lights allowed. 3. Storage gas water heasen ranks with an Energy Fastor less than 0.58 must be externally wrapped with installation having an installed themse relationed. 3. Storage gas water heasen ranks with an Energy Fastor less than 0.58 must be externally wrapped with installation having an installated flower pain installated flower gas installated flower gas installated flower gas installated flower gas installated flower on olse system, unfaind sunges analyse, other fastored flower gaster. 2. First 5 feet of pipes closes to water heater tank, non-reciverializing systems, insulated (R-4 or greater) 3. Back-up unter for olse system, unfailed sunges makes, other indirect he water tank. 4. Direct of corposed piping instruided themse electronal insulation. 4. All burled or exposed piping insulated meritared for flower flower flower of the CEO 1977 UNIC excepts piping and electronal consequence of ULIA), ULI 81A, or ULI 81B and other duct closure system flowers for pipe closes of the ore talk piping insulated control and pipel pip	§118: Insulation specified or installed meets insulation quality standards. Indicate type and form.		
2. Frestruction products (coron; field chefrated blave label with certified U-value, certified Solar Heat Golde Conflicted (SIGC), and situation certification. 2. Enterior doors and vindows weatherstripped, all joints and panetrations caulitod and sealed. 2. Stopic; Vapor harmies mandatory in Climate Zones 14 and 15 only. 2. Stopic; Parel Militarion harrier installed to comply with § 151 meta Commission quality standards. 4. Stopic; Installation of Firepiaces, Decorative Gas Appliances and Gas Logs. 1. Macony and fluctory-besid (freplaces have: a. Cloyeable metal or glass door b. Outside air instals with damper and control c. Fine damper and control 2. No continuous burning gas pilled lights allowed. 2. No continuous burning gas pilled lights allowed. 2. No continuous burning gas pilled lights allowed. 3. Stopic; Stebuck thermostat on all applicable heating and/or cooling logical work has SiRAE, SMACNA or ACCA. 2. Stopic; Stebuck thermostat on all applicable heating and/or cooling logical work has SiRAE, SMACNA or ACCA. 2. First 5 feet of piles closes to water decisited in accontaining systems. 2. Stopic gas to the control of th	§116-17: Fenestration Products, Exterior Doors, and Infiltration/Exfiltration Controls		
Gain Coefficient (SHICO), and infiltration certification. 1 Exterior doors and windows weathertripped, stil joints and penetrations caukked and sealed. 1 \$150(g): Vapor barriers mandatory in Climate Zones 14 and 16 cely. 1 \$150(g): Special infiltration barrier installed to comply with \$151 meets Commission quality standards. 1 \$150(g): Installation of Firepiscae, Decorative Gias Appliances and Gas Logs. 1. Masoury and factory-boilt firepiscaes have: a. Clorestable metad or glass door b. Outside air intake with damper and control c. Flux damper and control 2. No continuous burning gas pilot lights allowed. 2. No continuous burning gas pilot lights allowed. 1 \$100(g): Heading and/or conling loads calculated in accordance with ASHRAE, SMACNA or ACCA. 1 \$150(g): Sethect thermostat on all applicable heating and/or cooling systems. 1 \$150(g): Sethect thermostat on all applicable heating and/or cooling systems. 1 \$150(g): Sethect thermostat on all applicable heating and/or cooling systems. 1 \$150(g): Sethect thermostat on all applicable heating and/or cooling systems. 1 \$150(g): Sethect thermostat on all applicable heating and/or cooling systems. 2 First 5 Rest of pipes closest to water heater strake, or 80 First or greaters. 3 Back-up tanks for soler system, unfred storage tanks, or other indicate hot water tanks have R-12 content in tanks of the system in tanks of the installation. 4 All buried or resposed plaing insultated in neceduality sections of hot water systems. 5 Cooling system pipes glowed 59 Firmulated. 6 Figing insultated between heating source and indirect hot water tank. 1 \$150(g): Dates and Fass 1 All dacks and pipes glowed 59 Firmulated. 6 Figing insultated between heating source and indirect hot water tank. 2 \$150(g): Dates and Fass 3 \$150(g): Dates and Fass 3 \$150(g): Dates and Fass 3 \$150(g): Dates and Fass 4 \$150(g): Dates and Fass 5 \$150(g): Dates and Fass 5 \$150(g): Cooling systems are large and pipes and	I. Doors and windows between conditioned and unconditioned spaces designed to limit air leakage.		
\$150(g): Vapor barriers mandatory in Climate Zones 14 and 16 celly. \$150(g): Installation of Fireplaces, Decorative Gias Appliances and Gias Logs. 1. Manony and flucincy-built fireplaces have: a. Cloreable metal or glass door b. Outside air Intake with damper and control c. Plus damper and control 2. No conditioning, Water Heating and Plumbling System Measures: \$110-\$113: HVAC equipment, water heaters, showetheads and flucets certified by the Commission. \$150(g): Heating andor cociling loads calculated in accordance with ASHRAE, SMACNA or ACCA. \$150(g): Stotheck thermostat on all applicable heating and/or cooling systems. \$150(g): Pleas and that insulation 1. Storage gas water beaters are and with on Energy Factor loss than 0.58 must be externally wrapped with insulation to make insulation 1. Storage gas water beaters are and with on Energy Factor loss than 0.58 must be externally wrapped with insulation flowing on installed thermal restances of \$1.5 or greater. 2. Pirst 5 Ret of pipes closest to water heater tank, non-recirculating systems, insulated (R-4 or greater) 3. Back-up tanks for soler systems, enfired storage tanks, or other indices the water tanks have R-12 external insulation. 4. All buried or resposed playing insulated in necelulating sections of flow water systems. 5. Cooling system prips played bore \$5° insulated. 6. Piping insulated between heating source and indirect hot water tank. pace Conditioning, Water Heating and Plumbing System Measures: (continued) \$150(m): Dacts and Fass 1. All ducts and pleams constructed, installed, insulated, fastened, and sealed to comply with the ICBO 1997 UNG sections 601 and 603; ducts insulated to a minimum lastified R-2 or ducts enclosed entirely within conditioned space. On the section section section sections of the section section section sections of the section section section section sections, on electric resistance heating sections of the section section section sections, on the section section section sections, on electric resistance	Gain Coefficient (SHGC), and infiltration certification.	/	
\$150(f): Special infiltration berrier installed to comply with § 151 meeta Conumisation quality standards. \$150(f): Installation of Fireighees, Decorative Gas Appliances and Gas Logs. 1. Masonry and flucios-boult fireplaces have: 2. Cloreshed metal or glass door 3. Outside air intake with damper and control 2. No continuous burning gas pitot lights allowed. \$10-4113: HVAC equipment, water heaters, showetheads and flucets certified by the Commission. \$110-4113: HVAC equipment, water heaters, showetheads and flucets certified by the Commission. \$150(f): Sethrech thermostat on all applicable heating and/or cooling systems. \$150(f): Sethrech thermostat on all applicable heating and/or cooling systems. \$150(f): Sethrech thermostat on all applicable heating and/or cooling systems. \$150(f): Sethrech thermostat on all applicable heating and/or cooling systems. \$150(f): Sethrech thermostat on all applicable heating and/or cooling systems. \$150(f): Sethrech thermostat on all applicable heating systems and fluctuation of the complete heater stands and standard and flucets of the systems and fluctuation of the complete heater standard installation for the complete heater standard installation fluctuation of the system standard installation of the system standard installation of the system standard installation of the system piping below 57° F insulated. 4. All buried or reposed piping insulated in nectocalities assessment of the system standard or complete systems. 5. Cooling system piping below 57° F insulated. 4. System in structuation of pages. Openings shall be sealed with means, superal sealed or other duct closure system shall nest the applicable reperiorman of VIL181, UL181A, or UL181B and other applicable specified tests for longavity given it is \$150(m). 5. Cooling system has sected sealed and reposed. 6. Graph yearsh has sected sealed and reposed. 6. Graph yearsh has sected sealed and sealed with means, superal sealed with respect to the sealed with respect to the sealed with respect to the sea		V	
\$150(e): Installation of Fireplaces, Decorative Gas Appliances and Gas Logs. 1. Masony and Retory-built fireplaces have: a. Closeable metal or glass does: b. Outside air intake with damper and control c. Flue damper and control 2. No continuous burning gas pilot lights allowed. Space Conditioning, Water Heating and Plumbing System Mensures: \$110-\$113: HYAC equipment, water heaters, showetheads and functs certified by the Commission. \$150(0): Fluesting and/or cooling loads classisted in accordance with ASHRAE, SMACNA or ACCA. \$150(0): Flye and tank insulation 1. Storage gas water heaters rated with an Energy Factor less than 0.58 must be externally wrapped with insulation in the storage gas water heaters rated with an Energy Factor less than 0.58 must be externally wrapped with insulation from the storage gas water heaters rated with an Energy Factor less than 0.58 must be externally wrapped with insulation for R-16 combined internal recistance of R-12 or greater. 2. First 5 feet of pipes closes to water heater mix, non-occirculating systems, insulated (R-4 or greater) 3. Back-tup tanks for solar system, unified storage tanks, or other induced to water tanks have R-12 external insulation or R-16 combined internal/external insulation. 4. All buried or reposed piping insulated in recirculating sections of hot water systems. 5. Cooling system piping below 55° F insulated. 6. Piping insulated between heating source and indirect hot water tank. place Conditioning, Water Heating and Plumbing System Measures: (continued) \$150(m): Does and Fass 1. All dues and pieruser contenteds, installed, insulated, fastened, and sented to comply with the ICBO training with the most heat poping below 55° F insulated. 5. Piping insulated between heating source and indirect hot water tank. 1. System is fortuned that an animal content of ILLS, ILLS A, or ULS B and other applicable especified teach for nonamic dampers. 5. Coroling systems have back darder as submand dampers. 6. Cover for outdoor pools. Open fast and		N/A	
1. Missoury and factory-built fireplaces have: a. Closeable metal or glass door b. Outside air intake with damper and control c. Flue damper and control 2. No continuous burning gas pilot lights allowed. 2. No continuous burning gas pilot lights allowed. 2. No continuous burning gas pilot lights allowed. 5110-§113: HVAC equipment, water heaters, showerheads and faucets certified by the Commission. 5150(b): Heating and/or cooling loads calculated in accordance with ASHRAE, SMACNA or ACCA. 5150(b): Flore and tank insulation 1. Setupes gas water heaters mainted themal resistance of R-12 or greater. 510-(c): Setubeck thermostat on all applicable beating and/or cooling systems. 510-(c): Setubeck thermostat on all applicable beating and/or cooling systems. 510-(c): Setubeck thermostat on all applicable beating and/or cooling systems. 510-(c): Setubeck thermostat on all applicable beating systems. 510-(c): Setubeck thermostat on all applicable beating systems. 510-(c): Setubeck thermostate on all applicable beating systems. 510-(c): Setubeck thermostate on all applicable beating systems. 510-(c): Setubeck flore system, unfined storage tanks, or other indirects he water tanks have R-12 external insulation. 4. All buriled or exposed plping insulated in recirculating sections of hot water systems. 5. Cooling system piping below 57° Finantiated. 6. Flying insulated between heating source and indirect hot water tank. 510-(c): Dects and Fans 1. All dacts and plenums constructed, installed, insulated, fastened, and sealed to comply with the (CBO DISYUMC) sections of 10 and 600; ducts insulated to a minimum installed R-2 or ducts excessible, minimum heating systems and properties of the specified tools for long-system than enter the applicable operituate of UL 181, UL	§150(f): Special infiltration barrier installed to comply with § 151 meets Commission quality standards.	N/A	
a. Closeable metal or plass door b. Outside air intake with damper and control c. Flue damper and control 2. No continuous burning gas pilot lights allowed. Space Conditioning, Water Heating and Plumbing System Measures: \$110-\$112: HYAC equipment, water beaters, showetheads and functs certified by the Commission. \$150(0): Selboke thermostat on all applicable beating and/or cooling systems. \$150(0): Fleshoke thermostat on all applicable beating and/or cooling systems. \$150(0): Fleshoke thermostat on all applicable beating and/or cooling systems. \$150(0): Fleshoke thermostat on all applicable beating and/or cooling systems. \$150(0): Flye and tank insulation 1. Storage gas water beaters antad with an Energy Factor less than 0.58 must be externally wrapped with insulation training an installed thermal resistance of Rt-2 or greater. 2. Flux 5 feet of pipes closes to water heater tank, non-recirculating systems, insulated (R-4 or greater) 3. Back-lue tanks for soles system, midred strongs tanks, or other indirects hot water tanks have R-12 external insulation or R-16 combined internal/external insulation. 4. All burled or exposed piping insulated in recirculating sections of hot water systems. 5. Cooling system piping below 55°F insulated. 6. Fiping insulated between heating source and indirect hot water tank. Pace Conditioning, Water Heating and Plumbing System Measures: (continued) \$150(n): Ducts and Faus 1. All ducts and plenums constructed, insulated, fastened, and scaled to comply with the ICBO 1971 UMC sections 601 and 603; ducts insulated to a minimum insulated R-2.or obsect exclosed entirely within conditioned space. Openings shall be seeded with markle, use, accross estable or other duct closure system than meets the applicable especial closes for longitude greaters and place and the properties of the properties			
b. Countide air intake with damper and control 2. No continuous burning gas pilot lights allowed. Space Conditioning, Water Heating and Plumbing System Mensures: \$110-1123. HVAC equipment, water heaters, howerheads and functs certified by the Commission. \$1900): Reating and/or cooling loads calculated in accordance with ASHRAE, SMACNA or ACCA. \$1900): Pepe and tank insulation 1. Storage gas water heaters rated with an Energy Factor less than 0.58 must be externally wrapped with insulation having an installed theman relutance of R12 or greater. 2. First 5 feet of pipes closest to water heater wak, non-eccirculating systems, insulated (R-4 or greater) 3. Bock-up tanks for solar system, unified storage tunks, or other indirect hot water tunks have R-12 external insulation. 4. All burled or exposed piping below 55°F insulated. 6. Piping insulated between heating source and indirect hot water systems. 5. Cooling system piping below 55°F insulated. 6. Piping insulated between heating source and indirect hot water tank. Place Conditioning, Water Heating and Plumbing System Measures: (continued) \$150(n): Ducts and Fars 1.41 dates and pleasure constructed, installed, insulated, fastened, and scaled to comply with the ICBO districts with the continued of	I. Masonry and factory-built fireplaces have:		
c. Flux damper and control 2. No continuous burning gas pilot lights allowed. Proceeding the process of the	·	'	
2. No continuous burning gas pilot lights allowed. Space Conditioning, Water Heating and Plumbing System Measures: \$110-\$113: HVAC equipment, water besters, showeheads and flucets certified by the Commission. \$150(0): Setoket thermostat on all applicable heating and/or cooling systems. \$150(0): Setoket thermostat on all applicable heating and/or cooling systems. \$150(0): Setoket thermostat on all applicable heating and/or cooling systems. \$150(0): Pipe and tank insulation 1. Slorage gas water heaters rated with an Energy Factor less than 0.58 must be externally wrapped with insulation thring an installed thermal resistance of R-12 or greater. 2. First 3 feet of pipes closest to water heater tank, non-recirculating systems, insulated (R-4 or greater) 3. Back-up tanks for solar system, unfired storage tanks, or other indirect hot water tank have R-12 external insulation or R-16 combined internal/external insulation. 4. All buried or exposed piping insulated in recirculating sections of hot water systems. 5. Cooling system piping below 55° insulated. 5. Piping insulated between heating source and indirect hot water tank. Place Conditioning, Water Heating and Plumbing System Measures: (continued) \$150(m): Ducts and Faus 1. All ducts and plenums constructed, insulated, fastened, and scaled to comply with the ICBO 1997 UMC sections 501 and 603; ducts insulated to a minimum installed R-4.2 or ducts enclosed entirely within conditioned space. Openings shall be scaled with mastic, ups, acrosol scalant or other duct closure system than meets the applicable regularizations of the specified tests for inorgavity given in §150(m). 5. Croeling systems systems serving conditioned space have either automatic or readily accessible, manually operated dampers. 5. Croeling systems in serviced dampers. 5. Croeling systems in serviced and resistance or household cooking appliances have no continuously burning pilot light. (Exception Non-electrical cooking appliances with pilot <150 Blun/n) continuously burning pilot	b. Outside air intake with damper and control		
Space Conditioning, Water Heating and Plumbing System Measures: \$110\$-113. HYAC equipment, water heaters, showerheads and ducets certified by the Commission. \$150(0): Setbock thermostate on all applicable heating and/or cooling systems. \$150(1): Setbock thermostate on all applicable heating and/or cooling systems. \$150(1): Pipe and tank insulation 1. Storage gas water heaters rated with an Energy Factor less than 0.58 must be externally wrapped with insulation having an installed thermal nesistance of Rt.12 or grader. 2. First 5 feet of pipes closest to water heater tank, non-recirculating systems, insulated (R4 or greater) 3. Buck-up tanks for soles system, unfixed storage tanks, or other indirect hot water tanks have R-12 external insulation. 4. All buried or exposed piping insulated in recirculating sections of hot water systems. 5. Cooling system piping below 55° F insulated. 6. Fiping insulated between heating source and indirect hot water tank. pace Conditioning, Water Heating and Plumbing System Measures: (continued) \$150(m): Ducts and Fass 1. All ducts and plenums constructed, insulated, fustored, and scaled to compty with the ICBO 1997 UMC sections 501 and 605; ducts insulated or a minimum installed R-4.2 or ducts enclosed entirely within conditioned space. Openings shall be scaled with mastic, tape, scrool scalant or other duct closure system than meets the applicable regularizements of UL181, UL181A, or UL181B and other applicable specified tests for ingravity given in §150(m). 2. Echaust far systems have back dark or automatic dampers. 3. Gravity ventilating systems serving conditioned space have either automatic or readily accessible, manually operated dampers. 8. 114: Pool and Sp Heating Systems and Equipment. 1. System is certified with: 2. System is installed with: 3. Pool system has directional injets and a clicalation pump time switch. 4. At least 36° of pipe between filter and heater for future solar heating. 5. Cooling spilating by the solar systems are central furnances		/	
\$110-§113: HVAC equipment, water heaters, showerheads and faucets certified by the Commission. \$150(0): Resting and/or cooling loads calculated in accordance with ASHRAE, SMACNA or ACCA. \$150(0): Setback thermostation all applicable heating and/or cooling systems. \$150(0): Pipe and tank insulation 1. Storage gas water heaters rated with an Energy Factor less than 0.58 must be externally wrapped with insulation having an installed thermal resistance of R-12 or greater. 2. First 5 feet of pipes closest to water heater tank, non-recirculating systems, insulated (R-4 or greater) 3. Back-up tanks for soler system, unified storage tanks, or other indirect hot water tanks have R-12 external insulation or R-16 combined internal/external insulation. 4. All buried or exposed piping insulated in reciculating sections of hot water systems. 5. Cooling system piping below 55° F insulated. 6. Piping insulated between heating source and indirect hot water tank. Place Conditioning, Water Heating and Plumbing System Measures: (continued) \$150(m): Duets and Fants 1. All duets and plenums constructed, installed, insulated, fastened, and scaled to comply with the ICBO 1997 (IMC sections 60) and 603; docts insulated to a unininum installed R-4.2 or duets enclosed entirely within conditioned space. Openings tall be scaled with masters, upp, acrotol scalant or other duct closure system that meets the applicable requirements of UL181, UL181A, or UL181B and other applicables specified tests for longwirely given in §150(m). 2. Exhaust fan systems bave back druft or automatic dampers. 3. Oravity ventilating systems serving conditioned space have either automatic or readily accessible, manually opened dampers. 8. Pool system has directional inlets and a circulation pump time switch. 8. 114: Cost fined central furnaces, pool heaters, spa heaters or bousehold cooking appliances away no continuously burning pilot light. (Exception: Non-electrical cooking appliances with pilot < 150 Bruhh) 150(R)2: Rooms with a shower or bathu	2. No continuous huming gas pilot lights allowed.	V	
\$110-§113: HVAC equipment, water heaters, showerheads and faucets certified by the Commission. \$150(0): Resting and/or cooling loads calculated in accordance with ASHRAE, SMACNA or ACCA. \$150(0): Setback thermostation all applicable heating and/or cooling systems. \$150(0): Pipe and tank insulation 1. Storage gas water heaters rated with an Energy Factor less than 0.58 must be externally wrapped with insulation having an installed thermal resistance of R-12 or greater. 2. First 5 feet of pipes closest to water heater tank, non-recirculating systems, insulated (R-4 or greater) 3. Back-up tanks for soler system, unified storage tanks, or other indirect hot water tanks have R-12 external insulation or R-16 combined internal/external insulation. 4. All buried or exposed piping insulated in reciculating sections of hot water systems. 5. Cooling system piping below 55° F insulated. 6. Piping insulated between heating source and indirect hot water tank. Place Conditioning, Water Heating and Plumbing System Measures: (continued) \$150(m): Duets and Fants 1. All duets and plenums constructed, installed, insulated, fastened, and scaled to comply with the ICBO 1997 (IMC sections 60) and 603; docts insulated to a unininum installed R-4.2 or duets enclosed entirely within conditioned space. Openings tall be scaled with masters, upp, acrotol scalant or other duct closure system that meets the applicable requirements of UL181, UL181A, or UL181B and other applicables specified tests for longwirely given in §150(m). 2. Exhaust fan systems bave back druft or automatic dampers. 3. Oravity ventilating systems serving conditioned space have either automatic or readily accessible, manually opened dampers. 8. Pool system has directional inlets and a circulation pump time switch. 8. 114: Cost fined central furnaces, pool heaters, spa heaters or bousehold cooking appliances away no continuously burning pilot light. (Exception: Non-electrical cooking appliances with pilot < 150 Bruhh) 150(R)2: Rooms with a shower or bathu			
\$150(h): Heating and/or cooling loads calculated in accordance with ASHRAE, SMACNA or ACCA. \$150(t): Setback thermostat on all applicable beating and/or cooling systems. \$150(t): Pipe and tank insulation 1. Storage gas water heaters rated with an Energy Factor less than 0.58 must be externally wrapped with insulation thaving an installed thermal resistance of R-12 or greater. 2. First 5 feet of pipes closest to water heater tank, non-recirculating systems, insulated (R-4 or greater) 3. Back-up tanks for solar system, unifired storage tanks, or other indirect hot water tanks have R-12 external insulation or R-16 combined intermal/external insulation. 4. All buried or exposed piping insulated in recirculating sections of hot water systems. 5. Cooling system piping below 55° F insulated. 6. Piping insulated between heating source and indirect hot water tank. pace Conditioning, Water Heating and Plumbing System Measures: (continued) \$150(m): Ducts and Fans 1. All ducts and plenums constructed, installed, insulated, fastened, and scaled to comply with the ICBO 1997 UNC sections 601 and 603; ducts insulated in a minimum installed R-2 or ducts enclosed duct closure productions designed. Opinings all be sealed with mastic, tupe, across scalau or other duct closure productions for large productions and productions and productions and space and productions of UL181, UL181A, or UL181B and other applicable specified tests for longrivey given in §150(m). 2. Exchange and space are sering conditioned space have either automatic or readily accessible, manually operated diampers. \$114: Pool and Spa Heating Systems sering conditioned space have either automatic or readily accessible indiampers. \$115: Cos fired central furnaces, pool heaters, spa heaters or household cooking appliances have no continuously burning pilot light. (Exception: Non-electrical cooking appliances with pilot < 150 Btu/hr) \$150(k): Luminatives for general lighting in kitchens shall have lumps with an efficacy of 40 lumend/wat or greater for	Space Conditioning, Water Heating and Plumbing System Measures:	,	
\$150(t): Setback thermostat on all applicable heating and/or cooling systems. \$150(t): Pipe and tank insulation 1. Storage gas water heaters rated with an Energy Facior less than 0.58 must be externally wrapped with insulation having an installed thermal resistance of R-12 or greater. 2. First 5 feet of pipes closest to water heater tank, non-recirculating systems, insulated (R-4 or greater) 3. Back-up tanks for solst system, unfined storage tanks, or other indirect hot water tanks have R-12 external insulation or R-16 combined internal/external insulation. 4. All buried or exposed piping insulated in recirculating sections of hot water systems. 5. Cooling system piping below 55° F insulated. 6. Piping insulated between heating source and indirect hot water tank. **pace Conditioning, Water Heating and Plumbing System Measures: (continued) \$150(m): Duets and Fans 1. All duets and plenums constructed, installed, insulated, fastened, and scaled to comply with the ICBO 1997 UMC sections 601 and 603; duets insulated to a minimum installed R-4-2 or duets enclosed entirely within conditioned space, Openings shall be scaled with mastic, ups, acrosol scalated or other queries within conditioned space, Openings shall be scaled with mastic, ups, acrosol scalated or other applicable specified tests for inography given in §150(m). 2. Exhause fina systems have dick dard or automated dampers. \$114. Pool and Spa Heating Systems and Equipment. 1. System is certified with 78% thermal efficiency, on-off switch, weatherproof operating instructions, no electric resistance heating and no pilot light. 2. System is installed with: a. At least 36° of pipe between filter and heater for future solar heating. b. Cover for outdoor pools or outdoor space. 3. Drod system has directional inlets and a circulation pump time switch. \$1150(R): Luminaires for general lighting in kitchens shall have lumps with an efficacy of 40 humened/wat or greater for general lighting in kitchens. This general lighting shall be controlled by a	§110-§113: HVAC equipment, water heaters, showerheads and faucets certifled by the Commission.	V.	
\$150(f): Pipe and tank insulation 1. Storage gas water heaters raind with an Energy Factor less than 0.58 must be externally wrapped with insulation having an installed thermal resistance of R-12 or greater. 2. First 5 feet of pipes closest to water heater tank, non-recirculating systems, insulated (R-4 or greater) 3. Back-up tanks for soler system, unfired storage tanks, or other indirect hot water tanks have R-12 existent insulation or R-16 combined internal/external insulation to resposed piping insulated internal/external insulation. 4. All buried or exposed piping insulated in insulated in the storage tanks. 5. Cooling system piping below 55° F insulated. 6. Piping insulated between heating source and indirect hot water tank. pace Conditioning, Water Heating and Plumbing System Measures: (continued) \$150(m): Duets and Fans 1. All duets and plenums constructed, installed, insulated, fastened, and scaled to comply with the ICBO 1997 UMC sections 601 and 603; duets insulated to a minimum installed R-4.2 or duets enclosed entirely within conditioned space. Openings shall be sealed with mastic, taps, acrosol scalast or other applicable specified tests for longevity given in \$150(m). 2. Exchaute fine systems have dick draft or automatic dampers. 3. Gravity ventilating systems serving conditioned space have either automatic or readily socessible, manually operated dampers. \$141.* Pool and Spa Heating Systems and Equipment. 1. System is certified with 78% thermal efficiency, on-off switch, weatherproof operating instructions, no electric resistance heating and no pilot light. 2. System is installed with: a. At least 36° of pipe between filter and heater for future solar heating. b. Cover for outdoor pools or outdoor space. 3. Pool system has directional inlets and a circulation pump time switch. \$1155(R): Luminaires for general lighting in kitchens shall have lumps with an efficacy of 40 humen-dwart or greater for general lighting in kitchens in the internal to the kitchen. \$150(R): Romen with a	§150(h): Heating and/or cooling loads calculated in accordance with ASHRAE, SMACNA or ACCA.	V.	
1. Storage gas water heaters rated with an Energy Factor less than 0.58 must be externally wrapped with insulation having an installed thermal resistance of R-12 or greater. 2. First 5 feet of pipes closest to water heater tank, non-recirculating systems, insulated (R-4 or greater) 3. Back-up tanks for soles system, unfixed storage tanks, or other indirect hot water tanks have R-12 external insulation or R-16 combined internal/external insulation. 4. All buried or exposed piping insulated in recirculating sections of hot water systems. 5. Cooling system piping below 55° F insulated. 6. Piping insulated between heating source and indirect hot water tank. Pacec Conditioning, Water Heating and Plumbing System Measures: (continued) §150(m): Ducts and Fans 1. All ducts and plenums constructed, installed, insulated, fastened, and sealed to comply with the ICBO 1997 UMC sections 601 and 603; ducts insulated to a minimum installed R-4.2 or ducts enclosed entirely vidin conditioned space. Opening shall be sealed with mastic, upp, a person sealant or other duct closure system that meets the applicable requirements of UL181, UL181A, or UL181B and other applicable specified tests for longwisy given in §150(m). 2. Exhaust can systems have back draft or automatic dampers. 3. Gravity ventilating systems serving conditioned space have either automatic or readily accessible, manually operated dampers. 81148: Pool and Spa Heating Systems and Equipment. 1. System is installed with: 2. System is installed with: 3. At least 36" of pipe between filter and heater for future solar heating. 3. Cover for outdoor pools or outdoor spas. 3. Pool system has directional inlets and a circulation pump time switch. 8115: Gas fired central furnaces, pool heaters, spa heaters or household cooking appliances have no centinuously burning pilot light. (Exception: Non-electrical cooking appliances with pilot <150 Bru/n) 8150(k): Luminaries for general lighting in kitchens shall have lamps with an efficacy of 40 lumens/wat or greater	§150(i): Setback thermostat on all applicable heating and/or cooling systems.		
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