



Plans

142457

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Permit Number

695

Street Number

ŗ, Dufvanc Ave 2

Street Name



Community Code

APN

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			it is issued. (Sec. 3097, (Div. C.).
<pre>chard</pre>	Code, for the performance of the work for which this permit is issued. My worker's compensation			
Anime	Charles (Alexa)	Lenders Address		
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The Land Code Leng Control Code Leng Control Control Code Code Code Code Code Code Code Code	agree that if I should become subject to the worker's compensation provisions of Section 3700 of		<u>ч.</u> т.,	
Ber Damo Ol-Ol-YB spinare terms of a series of the series	the Labor Code, I shall forthwith comply with those provisions		20 Left 5	
SMLE SUBJECT ALL PLANCING CONTAINED AND COLLERS AND CONTRACTORY SPECES PORTUGENON ON THE CONTAINED AND CONTRACTORY SPECES PORTUGENON ON THE CONT	Exp. Date: 01-01-99 Applicant Jenny by Lova	NOTE: Fire Safe Standards require all pa	rcels greater than 1 Ac	re to have a min, 30' setback
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provision of the Contractor's Leonse Lum (Challer 9 Goommening with Section 700) of Division 3 of the Business and Profession Code of the support of the property of the prope	permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the	Rec. POON CAA	t Be a	11Jing Just
alleged exemption. Any visible of Section 703:15 by any applicant for a permit subjects the applicant to any lensity of none than first hundred daties (SSR) is any lensity of none than first hundred daties (SSR) is any lensity of none hundred	provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the			
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Code Enforcement Violation Repair Annual	I, as owner of the property, or my employees with wages as their sole compensation, will do the			70
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contractors license Law. B & PC for this reason Date Owner Date Owner Needy attraction subscrept of the Business and Provisions of Chapter 9 (commencing with Business and Provisions of Chapter 9 (compension) received with Business and Provision of Chapter 9 (compension) received with Business and Provision of Business on Provision of Businesson Provision Businesson Provision of Businesson Provision of Businesson Provi	project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply	Approved by in Education	Date: 5	-21-97
Date	contractor(s) licensed pursuant to the Contractors License Law.).	Flood Zone: Yes No	100 Year Flood Elevation	N
LICENSED CONTRACTOR'S DECLARATION Inerety attrm under penalty of polycy that II an leanesd under provision of Chapter 9 (commencing and effect. and effect. Lic. Class Date		Site Review	· · · · · · · · · · · · · · · · · · ·	
I hereby attrim under penalty of perluy that I am licensed under provisions of Chapter 9 (commencing with Sector 7000) of Division 3 of the Business and Professions Code, and my license is in full force and offed. Date: D			·	
and effect. Lic. Class <u>B</u> Lic. No. <u>514460</u> Exp. Date <u>73067</u> <u>Contractor</u> <u>Levic construction</u> <u>Allocites of Construction</u> <u>Construction</u>	I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing			
Lic. Class Uic. No. SIT7753 Exp. Date 13047 Contractor Levic LONStructure ASEESTOS DECLARATION Assessment violation Yes No Writen asbestos rotification pursuant to Part 61 of Title 40 of the Code of Federal Regulations is required when asbestos rotification pursuant to Part 61 of Title 40 of the Code of Federal Regulations is authorized by this permit is concentuation that (1 does)(2 does not)contain asbestos rotification authorized by this permit is four construction that (2 does)(2 does not)contain asbestos rotification authorized by this permit is four construction that (2 does)(2 does not)contain asbestos rotification authorized by this permit is four construction that (2 does)(2 does not)contain asbestos rotification authorized by this permit is four construction that (2 does)(2 does not)contain asbestos rotification authorized by this permit is four construction that (2 does)(2 does not)contain asbestos rotification authorized by this permit is four construction that (2 does)(2 does not)contain asbestos rotification authorized by this permit is four construction that (2 does)(2 does not)contain asbestos rotification authorized by this permit is four construction that (2 does)(2 does not)contain asbestos rotification authorized by this permit is four construction that (2 does)(2 does not)contain asbestos rotification authorized by this permit is four construction that (2 does)(2 does not)contain asbestos rotification authorized by this permit is four construction that (2 does)(2 does not)contain asbestos rotification authorized by this permit is authorized of contractor Noving 2 doctor Competition and authorized by this permit is authorized to contractor of the courity of Socoma to continecon the above maritor	and effect.			
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Writen asbestos notification pursuant to Part 61 of Title 40 of the Code of Faderal Regulations is required when asbestos exists in buildings, or portions thereof, undergoing demolition. I hereby declare that demolition authorized by this permit is from construction that (] does not/contain asbestos, or that [] no demolition is authorized by this permit. I certify that I have read this application and affirm under penalty of perjury that the above information is correct. I agree to comply with fail local Cordinances and State laws relating to building construction. I hereby authorize representatives of the County of Sonoma to enter upon the above-mentioned property for inspection purposes. If, after making the Certificate of Exemption for the Worker's compensation provision of the Labor Code is should become subject to such provisions, juil forthwith comply, in the event I do not comply with the Workman's Compensation law, this permit shall be deemed revoked. Notifies T THIS PERMIT WILL EXPIRE BY LIMITATION IF WORK IS NOT STARTED IN 180 DAYS OR IF WORK IS ABANDONED FOR MORE THAN 180 DAYS. A REQUEST FOR TIME EXTENSION MUST BE SUBMITTED IN WRITING TO THE BUILDING CODE ADMINISTRATOR WITHIN THE FIRET 180 DAYS OF HE PERMIT. Kearch FIRET 180 DAYS OF HE PERMIT. Kearch FIRET 180 DAYS OF HE PERMIT. Kearch FIRET 180 DAYS OF HE PERMIT. Lever D Sub AA DEFT. PERMITTEE SIGNATURE CITY ZIP Contractor Oldgent for Owner No of Units No. of Units Contractor Oldgent for Owner No. of Units No. of Units No. of Units Permit Bits Agent for Contractor DAgent for Owner No. of Units No. of Units No. of		Work Authorized:		
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Address Contractor Contractor Cagent for Owner Spirickon Red No of Units Centificate of Occupancy	PERMITTEE SIGNATUBE	21 6-27	C. Takak	
Address Contractor Contractor Cagent for Owner B Auto, Fire Sprinkon Reed No of Units Centificate of Occupancy	6/20 orchard station RD Sel AA 409772	a Construction Stories Bo	drooms	
Permit # A a a 2 Area Z				
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De 142757 Alex T				
	Permit # R			

* SPECIAL INCLUTION REQUIRED 2 NO IF YES, SEE ADDITIONAL SHEET NAME **INSPECTION RECORD** DATE REMARKS -12/201970 FOUNDATION FILAL FORMS/SETBACK B142590 FOOTING 566 WALLS F10-0 **UFER GROUND #** CAISSONS/PIERS SLAB - GOR OK 6 26 970 SIGTUMS MASONRY **RETAINING WALLS** FIREPLACE FOOTING HEARTH/PROTECTION THROAT CHIMNEY UNDERFLOOR/UNDERSLAB 1698GA U/F ELECTRICAL **U/F MECHANICAL** U/F PLUMBING DWV ONLY CARA 6/6/47 HYDRONIC TEST WOBIDE 6/30/574 **U/F FRAMING U/F INSULATION** SHEAR WALLS RENAIL ALL SULEMR ίΟ 1 INTÉRIOR Front Garage 1014-97 M Kenarl EXTERIOR DIAPHRAGMS 27W/ A555 C. 48"0.L GAL RISTENAIL OIL ROUF INSULAN/ CENT 9/18/37.500 97 BROOF **FLOOR** SIDING/SHEATHING HOLD DOWNS **CLOSE-IN** ゎ **ROUGH ELECTRICAL** 47 3 **ROUGH MECHANICAL ROUGH PLUMBING** ROUGH FRAME 1 16 90 GR SMOKE DETECTORS 11 13 9710 INSULATION Ceiling meets fine well Urifi WALLBOARD 19-97 mD Reg's on 1 16 98 GNB garag STUCCO/PLASTER C LATH SCRATCH **TUB/SHOWER PAN** SUSPENDED CEILING ROUGH ELECTRICAL ROUGH MECHANICAL EXITING STAIRS/HANDRAILS RAMPS CORRIDORS/DOORS HANDICAP REQUIREMENTS ENERGY REQUIREMENTS TEMPORARY OCCUPANCY 02000 116 60 GAL **TEMPORARY ELECTRICAD** TEMPORARY GAS ELECTRIC METER AUTHORIZATION 7-14-97 5B TO ACCOMODATE SERVICE CHANGE PANEL BOARDS/SERVICE GAS METER AUTHORIZATION GAS PRESSURE TEST HOUSE YARD MANUF. HOME FOUNDATION **SML** ERMIT FIRE INSPECTION REQUIRED MANUF. HOME INSTALLATION Yes 🛛 No CONTINUITY Inspected by: STAIRS/SKIRTS CONFIRM AVAILABLE HYDRANT RIDGE BOLTING OR REQUIRE 2,500 GAL TANK, ETC. SWIMMING POOLS PRE-GUNITE PRE-DECK **CLEARANCES:** PRE-PLASTER/FENCE FIRE C Local County **GRADING FINAL** HEALTH DEPARTMENT 119BGAR **ELECTRICAL FINAL** ZONING **MECHANICAL FINAL** SANITATION PLUMBING FINAL N.C.A.P.C.D. ۰. FINAL PLAN RETENTION REQUIRED? OCCUPANCY (OK TO OCCUPY) D-No Yes CIS-008.cdr Rev. 12/06/95

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SITE REVIEW CHECKLIST

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	[]Flood	prone	urban	area	define	d by C	Ordina	псе #4	467.	[].	.Sensiti	ve dra	ainage	e area	revie	w by	drai	nage	sect	ion	
Geo- technical:	[]Area ([]Area ([]Area (UI []Area ([]Area (eep. of previor of high withou BC Sect	ous fi ly exp t suffi ion 29 to po ected	ill plac ansive icient 207. ssible soft. c	emen e soil. slope liquef	t. setba	ck as s	set fort	h in	[]. [].	Area w. (SC Area of Area su Area of belc Area w	WA r ¹ high 1 bject ¹ soft	ecomi moist to hig soil di	nenda :ure co jh ero	ntions ontent sion (bast de). t in so watei een ri	oil. F of v	vind) a or). cultis	vatio	1
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FIRE SAFE STANDARDS SITE_REVIEW

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Inspector	Date	
P.C.#Address		
Fire District Check Box[] or fillin	Parcel sizeacr	<u>es</u>
<u>ADDRESS</u> Visible both directions of Address in sequence	100	[] 0(] [] no[]
<u>GATES NALL</u> 30' setback from road Opens in or increased setba locked gate	N/A[] yes ck yes N/A[] yes	[] no[]
<u>ROAD N/A[1</u> Existing prior to 1/1/92 Meets county road standards	Yes	[] no[] [] no[]
DRIVEWAY N/Af1 Existing prior to 1/1/92 Driveway allows access to within 150' of structure. Driveway over 150' in Lengt		[] no[] [] no[]
Length FT. Grade not over 0-5% 5-10% Length of grade over Width of driveway 22 FT Bridges required	15%FT.	[] @[]
EMERGENCY WATER SUPPLY Public water system hydrant Hydrant type 4 1/2"[4] Onsite water minimum	within 800' yes 2 1/2" [4],	₩ no[]
Meets Fire Safe Standards		🕅 no[]
CLEARANCE OF FLAMMABLE VEGE Over one acre parcel Terrain % slope <u>6</u> w upslope[] or downslope[yes ithin 100' of building si] no[] te
Direction of slope face Vegetation type grass[other (viny	<pre>north[] south[] east[] w] woodland[] brush[] timb ard orchard etc)</pre>	er[]
Vegetation volume livin Vegetation volume dead Fire history in area	g fuel light[] <u>medium[]</u> h fuel light[] <u>medium[]</u> hea <u>Unknown[]</u> yes	vy[]

Notes

CERTIFICATE OF COMPLIANCE: RESIDENTIAL		Page 1	CF-1R
Project Title Levie Residence Project Address 695 Dufranc Sebastopol	******** *v4.50*	Date	05/02/97
Documentation Author Sarah Pernula SOL*DATA 401-C College Avenue Santa Rosa, CA 95401 707-545-4440	*****	Building Pe Plan Check Field Check	/ Date
Climate Zone			
Compliance Method MICROPAS4 v4.50 for 1995	Standard	s by Enercomp,	Inc.
MICROPAS4 v4.50 File-LEVIEHOU Wth-CTZ02S User#-MP0817 User-SOL*DATA			

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GENERAL INFORMATION

Conditioned Floor Area	3684 sf
Building Type	Single Family Detached
Construction Type	New
Building Front Orientation.	Front Facing 258 deg (W)
Number of Dwelling Units	1
Number of Stories	2
Floor Construction Type	Raised Floor
Glazing Percentage	21.8 % of floor area
Average Glazing U-value	0.54 Btu/hr-sf-F

BUILDING SHELL INSULATION

Component	Frame	Cavity	Sheathing		Assembly
Type	Type	R-value	R-value		U-value Location/Comments
Wall WallPerim Wall Wall Door	Wood n/a Wood Wood n/a	R-19 R-0 R-17.8 R-17.8 R-0	R-n/a R-n/a R-0 R-0 R-0 R-n/a	R-19 R-0 R-17.8 R-17.8 R-0	
Roof	Wood	R-30	R-n/a	R-30	0.031 trusses
Roof	Wood	R-25.2	R-0	R-25.2	
Floor	Wood	R-19	R-n/a	R-19	
SlabEdge	n/a	R-0	R-n/a	R-0	

FENESTRATION

Orientat	ion		Area (sf)	U- Value		Interior Shading/ Description	Exterior Shading	Over- hang/ Framing Fins Type
Door	Left	(N)	40.0	0.490	2	Drapes/Patio	None	None Vinyl
Window	Back	(E)	9.0	0.500	2	Drapes/Operable	None	Yes Vinyl
Window	Back	(E)	9.0	0.500	2	Drapes/Operable	None	Yes Vinyl
Window	Back	(E)	9.0	0.500	2	Drapes/Operable	None	None Vinyl
Window	Back	(E)	9.0	0.500	2	Drapes/Operable	None	None Vinyl
Window	Front	(W)	5.0	0.500	2	Drapes/Fixed	None	None Wood
Door	Front	(W)	10.0	0.550	2	Drapes/SmallGls	None	None Wood
Window	Front	(W)	35.0	0.500	2	Drapes/Operable	None	Yes Vinyl
Window	Front	(W)	6.0	0.500	2	Drapes/Operable	None	Yes Vinyl

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CERTIFICATE OF COMPLIANCE:	RESIDENTIAL	Page 2	CF-1R
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Project Title Levie Residence	Date 05/02/97
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MICROPAS4 v4.50 File-LEVIEHOU Wth-CTZ02S92	Program-FORM CF-1R
User#-MP0817 User-SOL*DATA Ru	n-Base run

FENESTRATION

of Interior

			Area	υ-	# of Pan-	Interior Shading/	Exterior	Over hang	
Orientat:	ion		(sf)	Value	es	Description	Shading	Fins	Туре
Window	Front	(W)	14.0	0.500	2	Drapes/Operable	None	Yes	Vinyl
Window	Front	(W)	28.0	0.500	2	Drapes/Operable			Vinyl
Window	Left	(N)	12.0	0.500	2	Drapes/Operable			Vinyl
Door	Back	(E)	13.3	0.550	2	Drapes/FrenchDr		Yes	Wood
Window	Left	(N)	10.0	0.500	2	Drapes/Operable	None	None	Vinyl
Window	Left	(N)	10.0	°0.500	2	Drapes/Operable	None	None	Vinyl
Door	Back	(E)	53.3	0.490	2	Drapes/Patio	None	Yes	Vinyl
Window	Back	(E)	24.0	0.500	2	Drapes/Operable	None	None	Vinyl
Window	Back	(E)	60.0	0.520	2	Drapes/Operable	None	None	Wood
Window	Back	(E)	30.0	0.500	2	Drapes/Fixed	None	None	Wood
Door	Left	(N)	33.3	0.510	2	Drapes/Patio	None	Yes	Wood
Window	Left	(N)	10.0	0.500	2	Drapes/Fixed	None	Yes	Wood
Window	Back	(E)	52.5	0.520	2	Drapes/Operable	None	None	Wood
Window	Back	(E)	26.4	0.500	2	Drapes/Fixed	None	None	Wood
Window	Right	(S)	35.0	0.520	2	Drapes/Operable	None	Yes	Wood
Window	Right	(S)	17.6	0.500	2	Drapes/Fixed	None	Yes	Wood
Window	Back	(E)	15.0	0.520	2	Drapes/Operable	None	None	Wood
Window	Right	(S)	70.0	0.520	2	Drapes/Operable	None	None	Wood
Skylight	Right	(S)	70.0	0.800	2	None	None	None	Metal
Door	Right	(S)	13.3	0.550	2	Drapes/FrenchDr	None	None	Wood
Window	Front	(W)	73.5	0.520	2	Drapes/Operable	None	None	Wood

THERMAL MASS

Туре	Exposed	Area (sf)	Thickness (in)	Location/Comments
SlabOnGrade BelowGrade	No No	609 80	3.5 6.0	slab floor retaining wall

HVAC SYSTEMS

	-	***		
Equipment Type	Minimum	Duct	Duct	Thermostat
	Efficiency	Location	R-value	Type
Hydronic	0.799 AFUE	None	R-4.2	Setback
NoCooling	10.00 SEER	Attic	R-4.2	Setback

CERTIFICATE O		Pag	e 3	CF-1R			
Project Title Levie Residence Date 05/02/97							
MICROPAS4 v4.50 'File-LEVIEHOU Wth-CTZ02S92 Program-FORM CF-1R User#-MP0817 User-SOL*DATA Run-Base run							
WATER HEATING SYSTEMS							
Tank Type	Heater Type	Distribution Type	Number in System	Energy Factor	Tank Size (gal)	External Insulation R-value	
DOMESTIC Storage HYDROBASE	Gas	Recirc/TimeTemp	1	0.48 EF	75	R-12	
Instantaneou	Gas	Standard	1	0.80 RE	n/a	R-n/a	

SPECIAL FEATURES/REMARKS

This building incorporates a Separate Hydronic Space Heating System. Glazing U-values are for Milgard vinyl framed products and Marvin metal clad, wood or fiberglass frames. The hydronic space heating system delivery is baseboard at the upper level, most of the house, and radiant floor at the lower level.

CERTIFICATE OF COMPLIA	ANCE: RESIDENTIAL	Page 4	CF-1R
Project Title		Date	
MICROPAS4 v4.50	File-LEVIEHOU Wth-CTZ02S92 er#-MP0817 User-SOL*DATA Run		

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/ Remarks section.

DESIGNER or OWNER

DOCUMENTATION AUTHOR

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Company. Address.	Jim Levie Levie Construction 6120 Orchard Sta Road Sebastopol CA	Company Address	 Sarah Pernula SOL*DATA 401-C College Avenue Santa Rosa, CA 95401
	707 829-3402	Phone	. 707-545-4440
License.	314930	ſ	Certified Energy Analyst
Signed	James Jay Leve 5/6/47 (date)		Sarah J. Pernula
,	\checkmark (NR 92-90-529 R 92-90-130
	ENFORCEMENT AGENCY		
Name			CABEC Luce Luce
Title			California Association of Building Energy Consultants
Agency			
Phone			
Signed			
	(date)		

MANDATORY MEASURES CHECKLIST: RESIDENTIAL MF-1R Project Title..... ****** Project Address..... *v4.50* ****** Documentation Author... Sarah Pernula Building Permit # | SOL*DATA 401-C College Avenue | Plan Check / Date | Santa Rosa, CA 95401 1 707-545-4440 | Field Check/ Date | Climate Zone..... -----Compliance Method..... MICROPAS4 v4.50 for 1995 Standards by Enercomp, Inc. MICROPAS4 v4.50 . Program-FORM MF-1R E User#-MP0817 User-SOL*DATA 1 1 ______ 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 binding minimum component performance specifications for the mandatory measures whether they are shown elsewhere in the documents or on this checklist only. BUILDING ENVELOPE MEASURES Design- Enforceer ment 1 *150(a): Minimum R-19 ceiling insulation. 150(b): Loose fill insulation manufacturers labeled R-Value. 1 *150(c): Minimum R-13 wall insulation in framed walls

(does not apply to exterior mass walls).
*150(d): Minimum R-13 raised floor insulation in framed floors;
minimum R-8 in concrete raised floors.

150(i): Slab edge insulation - water absorption rate no greater than 0.3%, water vapor transmission rate no greater than 2.0 perm/inch.

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118: Insulation specified or installed meets CEC quality standards. Indicate type and form.

- 116-17: Fenestration Products, Exterior Doors and Infiltration/ exfiltration controls
 - a. Doors and windows between conditioned and unconditioned spaces designed to limit air leakage.
 - b. Manufactured fenestration products have label with certified U-value, and infiltration certification.
 - c. Exterior doors and windows weatherstripped; all joints and penetrations caulked and sealed.

150(g): Vapor barriers mandatory in Climate Zones 14 and 16 only.

150(f): Special infiltration barrier installed to comply with Sec. 151 meets CEC quality standards.

150(e): Installation of Fireplaces, Decorative Gas Appliances and gas logs

1. Masonry 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 pilots allowed.

MANDATORY MEASURES CHECKLIST: RESIDENTIAL MF-1R Project Title..... MICROPAS4 v4.50 Program-FORM MF-1R 1 User#-MP0817 User-SOL*DATA 1 _____________ SPACE CONDITIONING, WATER HEATING AND PLUMBING SYSTEM MEASURES Design- Enforceer ment 110-13: HVAC equipment, water heaters, showerheads and faucets certified by the CEC. 150(i): Setback thermostat on all applicable heating systems. 150(i): Pipe and Tank insulation 1. Indirect hot water tanks (e.g., unfired storage tanks or backup solar hot water tanks) have insulation blanket (R-12 or greater) or combined interior/exterior insulation (R-16 or greater). 2. First 5 feet of pipes closest to water heater tank, nonrecirculating systems, insulated (R-4 or greater). 3. All buried or exposed piping insulated in recirculating sections of hot water system. 4. Cooling system piping below 55 degrees insulated. 5. Piping insulated between heating source and indirect hot water tank. *150(m): Ducts and Fans 1. Ducts constructed, installed and sealed to comply with UMC sections 1002 and 1004; ducts insulated to a minimum installed value of R-4.2 or ducts enclosed entirely within conditioned space. 2. Exhaust fan systems have backdraft or automatic dampers. 3. Gravity ventilating systems serving conditioned space have either automatic or readily accessible, manually operated 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 installed with: a. At least 36 inches pipe between filter and heater for future solar heating. b. Cover for outdoor pools or outdoor spa. 3. Pool system has directional inlets and a circulation pump time switch. 115: Gas-fired central furnace, pool heater, spa heater or household cooking appliance have no continuously burning pilot light (Exception: Non-electrical cooking appliance with pilot < 150 Btu/hr.). LIGHTING MEASURES _____ Design- Enforceer ment

150(k): 40 lumens/watt or greater for general lighting in kitchens and rooms with water closets; and recessed ceiling fixtures IC (insulation cover) approved.

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