

B

Type

X

Plans

B-117298

Permit Number

22151

Street Number

Bufano Ct

Street Name

TIM

Community Code

109-410-021

APN

TITLE 24 ENERGY CALCULATIONS

PROJECT: Cogliandro Residence  
PROJECT ADDRESS: 22151 Bufano Court  
Timber Cove, CA  
ARCHITECT: Janet MacKinnon, A.I.A.  
DOCUMENTATION AUTHOR: Joe Zizzi  
SunCalcs  
P.O. Box 93  
Gualala, CA 95445  
(707) 884-1112  
DATE: November 10, 1992

COMPLIANCE STATEMENT:

This new single family detached is in compliance  
with the current code.

Project Title..... Cogliandro Residence  
 Project Address..... 22151 Bufano Court  
    Timber Cove  
 Documentation Author... Joe Zizzi  
 Company..... SUNCALCS  
 Telephone..... (707) 884-1112

Compliance Method..... MICROPAS3 by Enercomp, Inc.  
 Climate Zone..... 03

Date..... 11/10/92

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Building Permit #  
 Plan Check / Date  
 Field Check/ Date

MICROPAS3 v3.11 File-COGLIAN1 Wth-CTZ03 Program-FORM CF-1R  
 User#-MP1332 User-SUNCALCS Run-Typical House

GENERAL INFORMATION

Conditioned Floor Area..... 2386 sf  
 Building Type..... Single Family Detached  
 Building Front Orientation. Front Facing 0 deg (N)  
 Number of Dwelling Units... 1  
 Number of Stories..... 2  
 Floor Construction Type.... Raised Floor (Package E)  
 Infiltration Control..... Standard

BUILDING SHELL INSULATION

Component Type	Insul R-value	Location/Comments
Wall	R-19	north, north/gar, northeast, northwest west, southwest, south, southeast, east
Roof	R-30	vaulted
Door	R-0	northeast, west/gar
Floor	R-19	raised floor
SlabEdge	R-0	slab

GLAZING

Glazing Orientation	Area (sf)	# of Panes	Interior Shading	Exterior Shading	Overhang	Framing Type
Window Front (NE)	50.0	1	blinds	None	Yes	Metal
Window Right (NW)	25.0	1	blinds	None	Yes	Metal
Window Right (W)	30.0	2	blinds	None	Yes	Metal
Window Back (SW)	33.3	2	blinds	None	Yes	Metal
Window Back (S)	46.0	2	blinds	None	None	Metal
Window Back (S)	20.0	1	blinds	None	Yes	Metal
Window Back (SW)	30.0	2	blinds	None	None	Metal
Window Back (SW)	55.0	1	blinds	None	Yes	Metal
Door Back (SW)	33.3	2	drapes	None	None	Metal
Door Left (E)	33.3	2	drapes	None	Yes	Metal
Window Left (SE)	13.5	2	blinds	None	Yes	Metal
Window Front (NE)	23.5	2	blinds	None	Yes	Metal
Window Left (E)	40.0	2	blinds	None	Yes	Metal
Skylight Right (W)	80.0	2	none	None	None	Metal
Skylight Left (E)	32.0	2	none	None	None	Metal

Project Title..... Cogliandro Residence

Date..... 11/10/92

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ASSUMED HVAC SYSTEMS

Assumed System	Assumed Efficiency	Duct Location	Duct R-value
Gas	0.900 SE	Conditioned	R-2.1
AirCond	8.90 SEER	Conditioned	R-2.1

ACTUAL HVAC SYSTEMS

Actual System	Actual Efficiency	Output (Btuh)	Manufacturer and Model # (or approved equal)
Heating	90.3	60,000 B	BDP #398AD36AD
Cooling	none	none	
Cooling Coil			

DEC Maximum output for Gas Central Furnaces: 178000 Btuh

WATER HEATING SYSTEMS

System Type	# of Heat	Tank Vol (gal)	R-12 or Greater Blanket	Manufacturer and Model # (or approved equal)	Energy Credits
Storage, Gas	1	75	Yes	State 75	None

SPECIAL FEATURES/REMARKS

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Date..... 11/10/92

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User#-MP1332 User-SUNCALCS Run-Typical House

COMPLIANCE STATEMENT

This certificate of compliance lists the building features and performance specifications needed to comply with Title 24, Chapter 2-53 and Title 20, Chapter 2, Subchapter 4, Article 1 of the California Administrative code. This certificate has been signed by the individual with overall design responsibility and the building owner, who shall retain a copy of it and transmit the certificate to any subsequent purchaser of the building. When this certificate of compliance is submitted for a single building plan to be built in multiple orientations, all building conservation features which vary are indicated in the Special Features/Remarks section.

DESIGNER

OWNER

Name.... Janet MacKinnon, A.I.A.  
Company. AE Design  
Address. P. O. Box 304  
Sea Ranch, CA 95497  
Phone... (707) 785-2888  
License.

Name.... John Cogliandro  
Company. c/o Showtime Air Freight  
Address. 1032 Irving Street  
San Francisco, CA 94122  
Phone...

Signed [Signature] 12/20/92  
(date)  
DOCUMENTATION AUTHOR

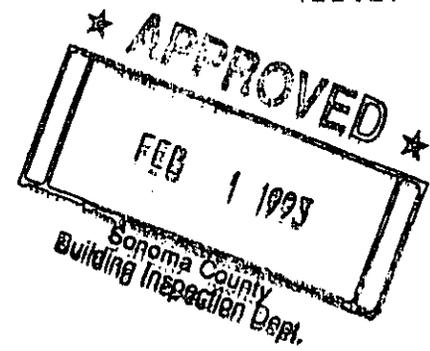
Signed [Signature] \_\_\_\_\_  
(date)  
ENFORCEMENT AGENCY

Name.... Joe Zizzi  
Company. SUNCALCS  
Address. P.O. Box 93  
Gualala, CA 95445  
Phone... (707) 884-1112

Name.... \_\_\_\_\_  
Title... \_\_\_\_\_  
Agency.. \_\_\_\_\_  
Phone... \_\_\_\_\_

Signed [Signature] 11/10/92  
(date)

Signed \_\_\_\_\_  
(date)



JAMES E. MACDONALD ASSOCIATES, INC.

Consulting Engineers  
178 Forbes Road  
BRAINTREE, MA 02184  
(617) 848-4570

JOB M/A 92160

SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_

CALCULATED BY \_\_\_\_\_ DATE \_\_\_\_\_

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_

SCALE \_\_\_\_\_

ADDENDUM TO

STRUCTURAL COMPUTATIONS

FOR

COGLIANTRO RESIDENCE

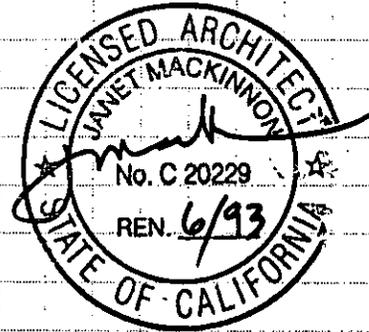
22151 BUFANO COURT

TIMBER COVE, CA

DEC. 17, 1992

DELETE SHT. 17

ADD SHT'S 17B & 17A

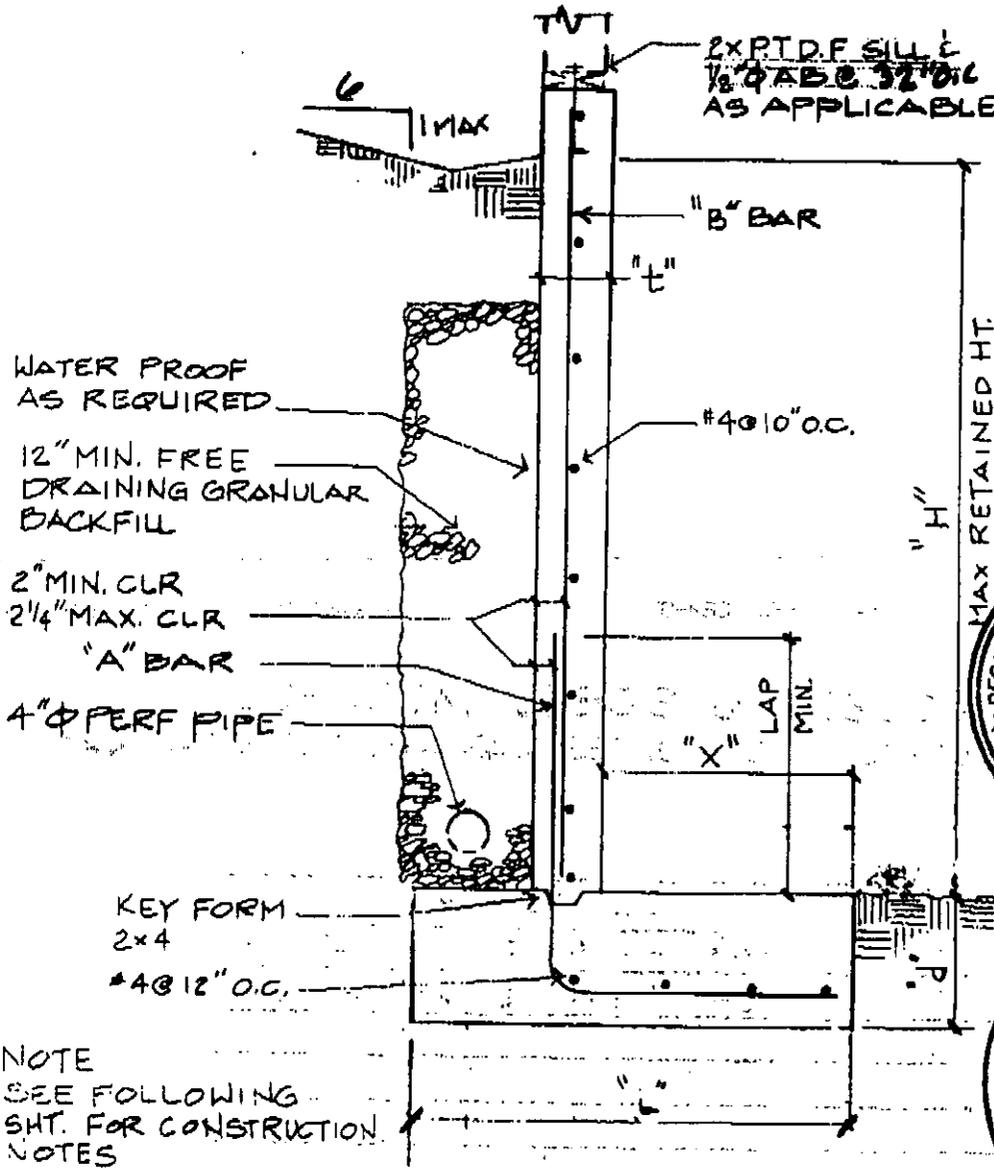


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# JD JOHNSON, DEBOIS & ASSOCIATES

STRUCTURAL-ENGINEERING / CODE CONSULTING

SCHEDULE							
"H"	"L"	"X"	"t"	"A" BARS	"B" BARS	LAP	"d"
6'-0"	4'-0"	2'-4"	8"	#4@12"	#4@12"	24"	12"



★ APPROVED ★  
JUL 14 1993  
Sonoma County Building Inspection Dept.

REGISTERED PROFESSIONAL ENGINEER  
No. 41674  
EXPIRES 3/97  
STATE OF CALIFORNIA

LICENSED ARCHITECT  
JANET MACKINNON  
No. C 20229  
REN. 6/95  
STATE OF CALIFORNIA

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S-1

## COGLIANDRO RESIDENCE

### ALTERNATE DETAIL

405 WEST COLLEGE AVE. • SUITE E103 • SANTA ROSA, CA. 95401 • (707) 575-0911