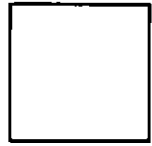


**B**

Type



Plans

**BLD10-4869**

Permit Number

**17150**

Street Number

**BODEGA HWY**

Street Name

**BBY**

Community Code

**103-120-011**

APN

# COUNTY OF SONOMA - PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

2550 Ventura Avenue, Santa Rosa, CA 95403 (707) 565-1900 FAX (707) 565-1103

Please Print Your Name: Joe Rossetti Date Applied: 10-15-2010

## INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

### SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: 17150 Bodega Hwy City: Bodega CA ZIP: 94922  
 Cross-Street: Sim C Road Project Phone #: 707-264-3485 Project Fax #: ( )  
 Directions: \_\_\_\_\_ Email address: \_\_\_\_\_ Unit #: \_\_\_\_\_ Lot #: \_\_\_\_\_  
 Describe Project: Foundation / Modular Home Living Area: 1404 Contract Price: 84,000  
 Garage: \_\_\_\_\_ Decks: 96

### OWNER NAME AND ADDRESS

### APPLICANT NAME AND ADDRESS

Name: Evelyn CASATI Name: Joe Rossetti  
 Mailing Address: PO Box 53 Mailing Address: 2003 Fulton Road  
 City: Bodega State: CA ZIP: 94922 City: Santa Rosa State: CA ZIP: 95403  
 Day Ph: 415-264-3485 Fax: ( ) Day Ph: 415-264-3485 Fax: ( )

### CONTRACTOR INFORMATION

### OTHER PROFESSIONAL ARCHITECT, ENGINEER, ETC.)

Company Name: Owner Build Name: Troy Eisenhauer  
 Address: Same as above Address: 1016 Furlong Rd  
 City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_ City: SEO State: CA ZIP: 95472  
 Day Ph: ( ) Fax: ( ) Day Ph: 707 526-7804 Fax: ( )

### WORKER'S COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:  
 I have and will maintain a certificate of consent to self-insure for worker's compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.  
 I have and will maintain worker's compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:

Carrier Policy No. \_\_\_\_\_

(This section need not be completed if the permit is for one hundred dollars (\$100) or less.)  
 I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the worker's compensation laws of California, and agree that if I should become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Exp. Date: \_\_\_\_\_ Applicant: \_\_\_\_\_

**WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.**

### OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a 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 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 alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500):

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law.)

I am exempt under Sec. \_\_\_\_\_, B & P.C. for this reason \_\_\_\_\_

By my signature below I acknowledge that, except for my personal residence in which I must have resided for at least one year prior to completion of the improvements covered by this permit, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request when this application is submitted or at the following website: <http://www.leginfo.ca.gov/calaw.html>.

Date: \_\_\_\_\_ Signature of Property Owner or Authorized Agent: \_\_\_\_\_

### LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Lic. Class \_\_\_\_\_ Lic. No. \_\_\_\_\_

Exp. Date \_\_\_\_\_ Contractor \_\_\_\_\_

### ASBESTOS DECLARATION

Written asbestos notification pursuant to Part 61 of Title 40 of the Code of Federal 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 ( ) 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 all local Ordinances 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 I should become subject to such provisions, I will forthwith comply. In the event I do not comply with the Workman's Compensation law, this permit shall be deemed revoked.

PERMITTEE SIGNATURE: \_\_\_\_\_

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ZIP \_\_\_\_\_

Contractor  Owner  Other Licensed Professional

### CONSTRUCTION LENDING DECLARATION

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued. (Sec. 3097, Civ. C.)

Lenders Name \_\_\_\_\_  
 Lenders Address \_\_\_\_\_

### FOR DEPARTMENT USE

Zoning: RC HD LR File No. \_\_\_\_\_ Acres: 2.3  
 Existing Use/Structures: SEPTIC TANK  
 Proposed Use/Structures: \_\_\_\_\_  
 Zoning Min. Yard Requirements: Front 30 Left 10 Right 30 Back 20  
 NOTE: Fire Safe Standards require all parcels greater than 1 Acre to have a min. 30' setback unless mitigated.  Mitigation Required  Address subject to change  
 Approval for Permit Issuance: \_\_\_\_\_ Approval for Occupancy: \_\_\_\_\_  
 By: \_\_\_\_\_ Date: 11/16/10  
 Conditions: MUST COMPLETE DEMO 0225 BEFORE FINAL OCCUPANCY

Sewer Connection:  Available  Fees Paid

Approved by: SP Lewis Date: 11/16/10

Road Encroachment:  Fees Paid

Approved by: SP Lewis Date: 11/16/10

Septic System Permit/Clearance #: SEPI0-0646

Approved by: James O. Johnson Date: 12/21/10

Flood Zone:  Yes  No 100 Year Flood Elevation: \_\_\_\_\_

Site Review

Drainage Review: SP Lewis Date: 11/16/10

Fire: Steve M. Date: 11/29/10 RD

Code Enforcement Violation  Yes  No Violation # \_\_\_\_\_

This permit is limited to \_\_\_\_\_ days. 7

Work Authorized: MFH ON PENN. FUND 1404 SQ FT w/DECK

<input checked="" type="checkbox"/> Plans Approved	<input type="checkbox"/> Post FIRM	<input type="checkbox"/> Adjust Prior Report Available
<input checked="" type="checkbox"/> Plans Subject to Field Inspection	<input type="checkbox"/> Pre FIRM	<input type="checkbox"/> Geotechnical report Available
Date: <u>12/16/10</u>	Type of Construction: <u>VB</u>	Occupancy: <u>R3</u>
No. of Stories: <u>1</u>	No. of Bedrooms: <u>3</u>	
Permit Cleared for Insurance By: <u>Alma</u>	Date: <u>12/21/10</u>	Auto. Fire Sprinklers Req'd: <u>YES</u>
No. of Units: _____	Certificate of Occupancy: _____	

**PAYMENT REC'D**  
 Machine Space for Permit Fee  
 \$ 1951.46  
 DEC 27 2010  
 PERMIT AND RESOURCE MANAGEMENT DEPARTMENT  
 COUNTY OF SONOMA

JOB ADDRESS: 17150 BODEGA HWY PERMIT NUMBER: BLDG - 4869 INSPECTION AREA: 7

**THIS PERMIT SHALL EXPIRE IN THREE(3) YEARS FROM DATE FEES ARE PAID UNLESS OTHERWISE NOTED BY CODE ENFORCEMENT**

131) SPECIAL INSPECTION REQUIRED		<input type="checkbox"/> YES	<input type="checkbox"/> NO	IF YES, SEE ADDITIONAL SHEET	
INSPECTION RECORD	DATE	NAME		REMARKS	
101) ROUGH GRADING					
103) FOUNDATION					
FORMS/SETBACK					
FOOTING	2-2-11	RP			
WALLS					
106) UFER GROUND # 4 rebar	2-2-11	RP			
104) CAISSONS/PIERS					
105) SLAB					
107) UNDERGROUND UTILITIES					
110) MASONRY					
109) RETAINING WALLS					
113) FIREPLACE					
FOOTING					
HEARTH/PROTECTION					
THROAT					
114) CHIMNEY					
120) UNDERFLOOR/UNDERSLAB					
115) HYDRONICS					
116) U/F ELECTRICAL					
117) U/F MECHANICAL					
118) U/F PLUMBING					
119) U/F FRAMING	5-4-11	RP			
139) U/F INSULATION					
126) SHEAR WALLS					
<input type="checkbox"/> INTERIOR	<input type="checkbox"/> EXTERIOR				
127) DIAPHRAGMS					
<input type="checkbox"/> ROOF	<input type="checkbox"/> FLOOR				
134) SIDING/SHEATHING					
125) HOLD DOWNS					
132) CLOSE-IN					
122) ROUGH ELECTRICAL					
123) ROUGH MECHANICAL					
124) ROUGH PLUMBING					
128) ROUGH FRAME	5-4-11	RP			
160) SMOKE DETECTORS					
139) INSULATION					
142) WALLBOARD					
143) FIREWALLS					
135) STUCCO/PLASTER					
<input type="checkbox"/> LATH	<input type="checkbox"/> SCRATCH				
137) ROOFING					
130) TUB/SHOWER PAN					
162) FIRE DAMPERS/DOORS					
164) SUSPENDED CEILING					
<input type="checkbox"/> ROUGH ELEC.	<input type="checkbox"/> ROUGH MECH.				
165) EXITING - RAMPS/STAIRS					
163) HANDRAILS/GUARDRAILS					
CORRIDORS/DOORS					
166) ACCESSIBILITY COMPLIANCE					
144) WATER TANKS					
<input type="checkbox"/> SLAB	<input type="checkbox"/> WALLS				
170) TEMPORARY OCCUPANCY					
171) TEMPORARY ELECTRICAL					
172) TEMPORARY GAS					
174) ELECTRIC METER AUTHORIZATION					
152) PANEL BOARDS/SERVICE					
189) SEPTIC ELECTRIC FINAL					
175) GAS METER AUTHORIZATION					
153) GAS PRESSURE TEST					
HOUSE	YARD				
190) MANUF. HOME FOUNDATION	2-2-11	RP			
191) MANUF. HOME INSTALLATION					
CONTINUITY	4-28-11	RP			
STAIRS/SKIRTS	(2-18-14)	RP			
RIDGE BOLTING	4-28-11	RP			
193) MANUF. HOME COND. FINAL	(2-18-14)	RP			
SWIMMING POOLS					
194) PRE-GUNITE					
195) PRE-DECK					
196) PRE-PLASTER/FENCE					
197) VINYL/FIBERGLASS POOL EXCAVATION					
102) GRADING FINAL					
176) ELECTRICAL FINAL	12-23-13	RP			
177) MECHANICAL FINAL					
178) PLUMBING FINAL					
199) FINAL see note					
OCCUPANCY (OK TO OCCUPY)					
650) SUSMP INSPECTION					
651) NPDES EROSION COMPLIANCE					
652) NPDES SEDIMENT COMPLIANCE					
653) NPDES DOCS/SWPPP					
FIRE INSPECTION REQUIRED	DATE	NAME			
<input type="checkbox"/> Yes <input type="checkbox"/> No					
759) KNOX BOX					
760) PROPANE TANK HOLD DOWNS					
770) SPRINKLER FINAL					
771) ABOVEGROUND HYDROSTATIC					
772) UNDERGROUND HYDROSTATIC					
773) UNDERGROUND FLUSH					
774) THRUST BLOCKS					
775) PIPE WELD					
776) HYDRANTS/APPLIANCES					
777) PUMP ACCEPTANCE					
778) WATER SUPPLY/TANK					
779) ALARM SYSTEM					
780) HOOD & DUCT SYSTEM					
781) ABOVEGROUND TANK/DISPENSER					
198) FIRE FINAL					
CLEARANCES:					
FIRE	<input type="checkbox"/> Local	<input type="checkbox"/> County			
HEALTH DEPARTMENT					
ZONING					
SANITATION					
<b>EXPIRED</b>					
Date:	2/20/14				
PLAN RETENTION REQUIRED?					
<input type="checkbox"/> Yes <input type="checkbox"/> No					
By:					

Note: (199) (193) 2-18-14 OK to find clearance of approvals RP

(140) 12-23-13 RP Get approvals (Complete work for final)

5-4-11 RP

12-23-13 RP

PERMIT # 11011-4864

**SITE EVALUATION SHEET**

Address 17150 Bodega Hwy BBy PC# BLD10-4869  
 Inspector PEX PETERSON Date 11-22

The proposed construction appears to be located in:

Flood Hazard:	<input type="checkbox"/> FIRM Flood Zone (ASFH) BFE = _____ ft. NAVD. Lowest finish floor at 12 above BFE = _____ ft. NAVD. <input type="checkbox"/> Design for moving water is recommended Section _____ is _____ Ft/sec Section _____ is _____ Ft/sec <input type="checkbox"/> Area subject to flooding (not on adopted FIRM). <input type="checkbox"/> Project is on flood zone major damage list. <input type="checkbox"/> Flood Prone Urban Area defined by Ordinance #4906.	<input type="checkbox"/> Portions of property in flood zone but project site not in flood zone. <input type="checkbox"/> Building is in FIRM Floodway. <input type="checkbox"/> Main building on site is Post-FIRM. <input type="checkbox"/> Sensitive drainage area, review by drainage section recommended. <input type="checkbox"/> Appears to be a "substantial improvement" (40%), therefore flood regulations apply. <input type="checkbox"/> Located inside the Laguna de Santa Rosa below elevation of 75 ft (Ordinance #4906).
Geo-technical:	<input type="checkbox"/> Area of suspected slides, slumps, earth flow, or soil creep. (a) <input type="checkbox"/> Area of previous fill placement. (g) <input type="checkbox"/> Area of suspected expansive soil. (c) <input type="checkbox"/> Area without sufficient slope setback as set forth in UBC Section 1806. (b) <input type="checkbox"/> Area subject to possible liquefaction. (e) <input type="checkbox"/> Area of suspected soft, compressible, or organic soil with low bearing capacity. Soils Investigation:	<input type="checkbox"/> Area without recommended setback from stream (Drainage Division recommendations). <input type="checkbox"/> Area of high moisture content in soil. (f) <input type="checkbox"/> Area subject to high erosion (water or wind). <input type="checkbox"/> Area of soft soil due to past deep ripping or cultivation below minimum foundation depth. (h) <input type="checkbox"/> Area within 1000 feet of a solid waste disposal site. <input type="checkbox"/> Non exempt structure per tech bulletin B-28. Required <input type="checkbox"/> Included <input type="checkbox"/> Available <input type="checkbox"/> Not Required <input type="checkbox"/>
Geologic:	<input type="checkbox"/> Located in the Alquist-Prizio Special Studies Zone.	<input type="checkbox"/> Geologic report required (see CGS Publication 42).
Seismic:	Seismic Design Category (SDC) D <input type="checkbox"/> E <input type="checkbox"/>	<input type="checkbox"/> Pictures available in S Drive
General:	<input type="checkbox"/> Building addition will affect the required light and ventilation in an existing room. <input type="checkbox"/> Existing electric meter must be replaced. <input type="checkbox"/> Existing gas meter must be replaced. Slope is	<input type="checkbox"/> Indications of existing substandard conditions that are not addressed by the proposed construction. <input type="checkbox"/> Indications of past work done without a permit. <input type="checkbox"/> Grading permit required for road, driveway, or site preparation. <input type="checkbox"/> Site is likely to be acceptable for conventional construction methods.
Wind:	Exposure "B" Exposure "C" Exposure "D" <input checked="" type="checkbox"/>	N.S.C. Air Pollution Control District..... <input type="checkbox"/> Yes <input type="checkbox"/> No

DEMON  
 EXISTING HOUSE TO REMAIN AS STORAGE  
 WITH DEMO @ interior.

NEW MANUFACTURED HOME IS SITUATED DIRECTLY  
 BELOW ADJACENT TO HISTORIC CHURCH IN  
 TOWN OF BODEGA.

HOLD ISSUANCE OF PERMIT  
PLAN CHECK ONLY SLOPE of Hillside  
 5° - 20°

NO SOILS ISSUES APPARENT

DO NOT ISSUE - REFER TO DAVE HARDY

# Grading Permit Questionnaire

GRD - 002

**Purpose:** To assist applicants in determining if a grading permit is required for a proposed project.

**Background:** Grading is the removal and/or the deposition of earth material by artificial means. Earth material is defined as any rock or natural soil or combination thereof. Grading is generally a combination of excavation (cuts) and placement (fill) of soil. Common examples of grading include constructing a driveway, creating a building pad for further development, or stabilizing a slope. A grading permit is required prior to commencing any grading or related work, including preparatory site clearing and soil disturbance, except where exempted from permit requirements by Section 11.04.020 of the Sonoma County Code.

To determine if a project requires a grading permit, please answer the following questions. If any questions cannot be answered, contact a design professional for assistance and/or consult with the Permit and Resource Management (PRMD) Grading & Storm Water staff. **Incorrect answers may cause delays processing and/or issuing the permit(s) for the project.**

- Yes  No  Unknown 1. Does the project include cuts or fills exceeding 50 cubic yards of soil?\*
- Yes  No  Unknown 2. Does the project include a cut greater than 2 feet in depth?\*
- Yes  No  Unknown 3. Does the project create a cut slope greater than 5 feet in height and steeper than 2:1 (H:V)?\*
- Yes  No  Unknown 4. Does the project include a fill greater than 3 feet in depth?
- Yes  No  Unknown 5. Does the project include fill between 1 foot and 3 feet in depth, and not intended to support a structure or surcharge, and placed on terrain with a natural slope steeper than 15%?
- Yes  No  Unknown 6. Does the project include fill greater than 1 foot in depth and intended to support a structure or surcharge?
- Yes  No  Unknown 7. Does the project include any fill within the Flood Prone Urban Area (FPUA)? See map on reverse side of this form for the location of the FPUA.
- Yes  No  Unknown 8. Does the project include any fill within a Special Flood Hazard Area designated by FEMA as subject to flooding by the 1% annual chance flood (100-year flood)?

\* A "No" answer may be selected for excavations below finished grade for basements, tanks, vaults, swimming pools, and footings of a building, retaining wall, or other structure, where authorized by a valid building permit.

## Acknowledgment:

I, as the applicant, understand that a "Yes" answer to any of the above questions means that a grading permit is required for my proposed project. Furthermore, the grading permit must be approved before a building permit can be approved for the site. If any answers are "Unknown" to me, I should contact my design professional immediately to determine if a grading permit is required.

Troy Eisenhauer  
Applicant Printed Name

[Signature]  
Applicant Signature

11-16-10  
Date

17150 BODEGA DR  
Property Address

103-120-011  
Assessor's Parcel Number(s)

BLDG-4869  
Building Permit Number(s)

## Sonoma County Permit and Resource Management Department

2550 Ventura Avenue ♦ Santa Rosa, CA ♦ 95403-2829 ♦ (707) 565-1900 ♦ Fax (707) 565-2210

Troy Eisenhower HAS my PERMISSION To  
Pull Permits at my Property 17150 Bodega Hwy.  
Bodega CA.

Evelynn Casini

BLOID-4869

# Building/Grading Permit Application Submittal Checklist

CSS-003

Site Address: 17150 BODEGA Hwy  
 Applicant Name: Troy Eisenhauer  
 Mailing Address: 1016 Fullmer Rd  
BODEGA CA 94922  
 City/Town: BODEGA State: CA Zip: 94922  
 Phone: 707 526-4804 Fax: \_\_\_\_\_

BLD/GRD Permit Number: BL010-4869  
 Assessor Parcel Number: 103-120-011  
 Project Description: REPLANT MFG

Plan Check Comments/ Contact Person: Troy Eisenhauer Email \_\_\_\_\_  
 Corrections: \_\_\_\_\_  Email  Mail to above address  Call to pick up (phone number 526-4804)

This form lists the items required for plancheck submittal. The fees received on this date \_\_\_\_\_ cover the cost of reviewing plans prior to permit issuance. Before a building permit can be issued, the required approvals listed below must be obtained and building permit fees, development fees, and any other applicable fees must be paid.

----- U DO NOT WRITE BELOW THIS LINE - To Be Completed by PRMD Staff U -----

**Required Plans for Building/Grading Plancheck:**

- 4 complete sets of signed and / or stamped plans for building permits (additional sets may be required by other PRMD Divisions)
- 4 complete sets of signed and / or stamped plans for grading permits (additional sets may be required by other PRMD Divisions)

**Mandatory Items for Building Permits**

- Received
- Plot / Site Plan (form CSS-019)
  - Floor Plan (electrical, plumbing & mechanical)
  - Foundation Plan (footing details)
  - Elevations
  - Framing Plan
  - Cross Sections
  - Structural Details
  - Signed Drawings (stamped if engineered)
- Site Evaluation
- Required
  - Waived (Per PRMD Policy 4-0-2)
  - Completed

**Other Items Which May be Required for Building Permits**

- Required # Received
- \_\_\_\_\_ Title 24 Energy Calcs (2 signed, sets)
  - \_\_\_\_\_ Engineering Calculations (2 signed, stamped sets)
  - \_\_\_\_\_ Hydrology & Hydraulic Calcs (2 signed, stamped sets)
  - \_\_\_\_\_ Geotechnical Report (2 signed, stamped sets)
  - \_\_\_\_\_ Geotechnical Foundation Approval Letter
  - \_\_\_\_\_ Truss Calcs and Layout (2 signed, stamped sets)
  - \_\_\_\_\_ Flood Elevation Certificate
  - \_\_\_\_\_ Letter of Authorization
  - \_\_\_\_\_ Installation Manuals (2) PO
  - \_\_\_\_\_ Special Inspection Form
  - \_\_\_\_\_ Septic Remodel Worksheet (form WLS-029)
  - \_\_\_\_\_ Build IT Green (BIG) or LEED Checklists (per form BPC-028)

Cubicle #	Required Approvals	Required for Permit Issuance	Plan Check Only Staff signature and date	Approved for Issuance Staff signature and date
	Fire Services			
14	Planning and Zoning File #:	<input type="checkbox"/> Affordable Housing/Work Force Housing Fees (see PRMD website)		<u>[Signature]</u> 11/16/2010
	Building	<input type="checkbox"/> Environmental Health: Food/Pool/Wine Tasting (707) 565-6565		
	Public Sewer / Water			<u>[Signature]</u> 11/16/10
9	Road Encroachment			<u>[Signature]</u> 11/16/10
7	Well and Septic	<u>SEPTIC JUST SUBMITTED NEED PROOF OF WATER</u>		<u>[Signature]</u> 12/21/10
	Code Enforcement			
	Grading/Storm Water			<u>[Signature]</u> 11/16/10

Required Development Fees: NO SCHOOL FEES DUE - CREDIT GIVEN OF 1500\$ FOR

- School Mitigation Fee for \_\_\_\_\_ square feet  
Payable at: [Signature]
- Fire Mitigation Fee (Windsor, Airport, etc.)  
Payable at: \_\_\_\_\_
- Address Assignment/Correction Fee
- Residential Traffic Mitigation Fee DECOMMISSIONED SFP
- Commercial/Industrial Traffic Mitigation Fee
- Park Mitigation Fee
- Affordable Housing/Work Force Housing Fees (see PRMD website)

Applicant Signature: [Signature] Staff Signature: [Signature] Date: 11/16/10

**Sonoma County Permit and Resource Management Department**  
 2550 Ventura Avenue ♦ Santa Rosa, CA ♦ 95403-2829 ♦ (707) 565-1900 ♦ Fax (707) 565-1103

# 203

**NOTES:**

1. FIRE SPRINKLER SYSTEM DESIGN MATERIALS AND INSTALLATION: SHALL BE PER NFPA 13D 2007 EDITION
2. SPRINKLER SPACING TO BE A MAXIMUM OF 8'-0" BETWEEN SPRINKLER HEADS AND A MINIMUM OF 8'-0" BETWEEN SPRINKLER HEADS (8 MAX. ON ANY WALL)
3. RISER PIPING SHALL BE SCH. 40 GALVANNEED STEEL SPRINKLER PER NFPA 13
4. CONDUIT SHALL BE 1/2" RIGID PVC CONDUIT PER NFPA 13
5. WHITE COVER PLATE 7/16" ORIFICE 1/2" NPT 4.9 K FACTOR 1.3 TOTAL
6. 4" TYCO ITY-22341 17.5 DEGREE RECESSED RESIDENTIAL PENDANT SPRINKLER
7. 7/16" ORIFICE 1/2" NPT WITH WHITE ESCUTCHEON, 4.9 K FACTOR (2 TOTAL)
8. UL LISTED CPVC PIPE STRAP HANGER SEE PIPE STRAP HANGER DETAIL THIS SHEET.
9. OWNER TO PROVIDE REQUIRED WATER SUPPLY AT BASE OF RISER TO OPERATE SYSTEM
10. SYSTEM REQUIRES A MINIMUM OF 31.2 G.P.M. AT 26.9 PSI INCLUDING 50 GALLONS DOMESTIC WATER AT 100 P.S.I. FOR 15 MINUTES
11. SPRINKLER SYSTEM SHALL BE HYDROSTATICALLY TESTED AT THE MANUFACTURING FACILITY FOR EACH COMPLETELY ASSEMBLED TRANSPORTABLE SECTION AT: 100 P.S.I. FOR 2 HOURS WITH NO PRESSURE LOSS OR WATER LEAKAGE
12. SPRINKLER SYSTEM CONNECTIONS OF TRANSPORTABLE BUILDING SECTIONS AT HOME SITE TO BE MADE WITH CPVC PIPING AND FITTINGS AT OPEN ROOF AREAS OR ROOF ACCESS AREAS AS PROVIDED BY MANUFACTURER
13. A REPRESENTATIVE FROM THE ENFORCEMENT AGENCY MUST BE PRESENT TO WITNESS TESTING AT THE MANUFACTURING FACILITY AND AT HOME SITE.
14. PROVIDE FOR COMPLETED BUILDING (2 SPRINKLER MINIMUM) PRIOR TO INSTALLATION OF SPRINKLER SYSTEM
15. HANGERS SPACING FOR CPVC PIPE PER NFPA 13. MAXIMUM 6'-0" BETWEEN HANGERS FOR 1" PIPING, 6'-6" FOR 1-1/4" PIPING. HANGER LOCATION TO BE A MAXIMUM OF 8" FROM SPRINKLER DROP LOCATION.
16. AN ACCESS PANEL SHALL BE PROVIDED TO KARSTEN FOR THEIR INSTALLATION. IF THE FIRE SPRINKLER RISER IS LOCATED IN AN EXTERIOR WALL.
17. SPRINKLER AND PIPING LOCATIONS MAY VARY DUE TO FIELD CONDITIONS.
18. MANUFACTURED HOME UNIT IS FACTORY BUILT AT THE KARSTEN COMPANY.
19. FIRE SPRINKLER SYSTEM DESIGNED AND INSTALLED IN COMPLIANCE WITH CALIFORNIA HEALTH AND SAFETY CODE SECTION 18815, CGR TITLE 25, AND NFPA 13D - 2002 EDITION.

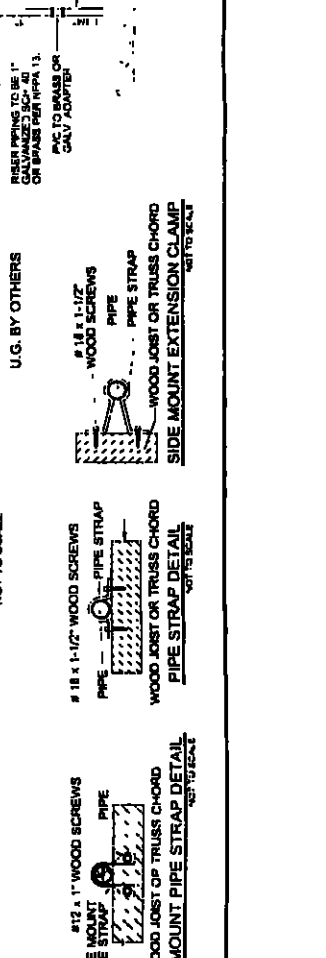
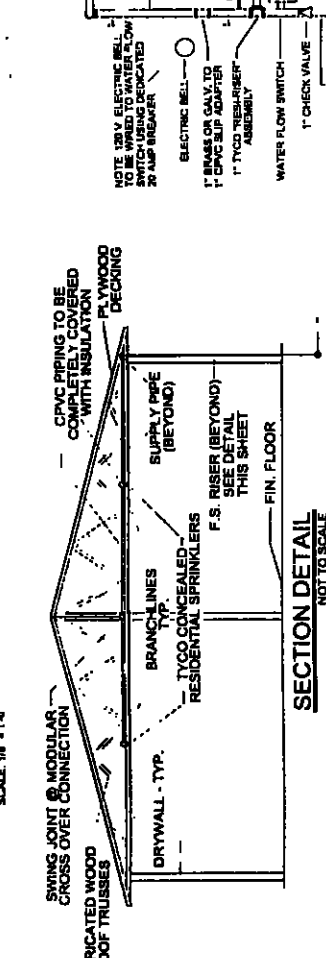
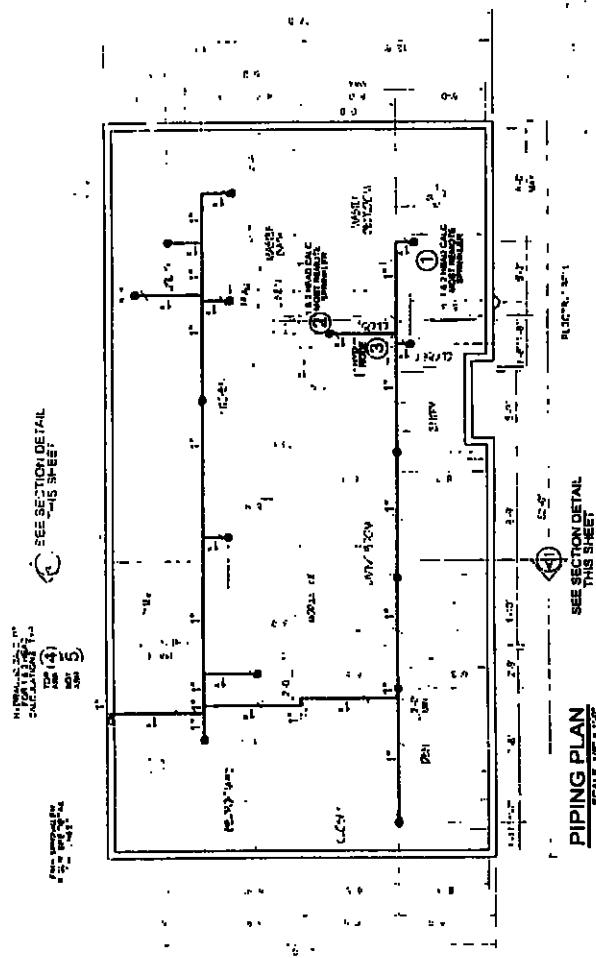
APPROVAL EXPIRATION  
 DATE 8:00 DATE  
 OCT 05 TO APPROVED JAN 31 '12  
 APPROVAL NO  
 809/1252



MANUFACTURED AT:  
**KARSTEN**  
 THE KARSTEN COMPANY  
 9998 OLD PLACERVILLE RD.  
 SACRAMENTO, CA 95827  
 (916) 363-2681

**PIPING PLAN, SECTION DETAIL, RISER DETAIL, & HANGER DETAIL**

tyco	1/8" = 1'-0"
Fire & Security	DATE ISSUED 10-1-10
Site/Project	PROJECT NO. 809/1252
Site/Project	PROJECT NAME ISIONHOWER RESIDENCE
Site/Project	PROJECT ADDRESS 17012 BODEGA HWY
Site/Project	PROJECT CITY BODEGA, CALIFORNIA 94822
Site/Project	PROJECT STATE SACRAMENTO
Site/Project	PROJECT SHEET NO. 1 OF 1



SEE SECTION DETAIL THIS SHEET

SEE SECTION DETAIL THIS SHEET

NOTE: 120V ELECTRIC BELL SWITCH USING 20 AMP BREAKER

ELECTRIC BELL - 1" BRASS OR GALV. TO 1" TYCO "RESURBER" ASSEMBLY

WATER FLOW SWITCH

1" CHECK VALVE

RISER PIPING TO BE 1" CPVC SLIP ADAPTER OR BRASS PER NFPA 13.

PIPE TO BRASS OR GALV ADAPTER

1" CPVC SPRINKLER PIPE

PRESSURE GAUGE

1/2" TEST AND DRAIN VALVE

1/2" DRAIN PIPING TO OUTSIDE

WOOD UNDERGROUND PIPING BY OTHERS 3/4" CPVC @ 20 PSI REQUIRED AT BASE OF RISER

CPVC PIPING TO BE COMPLETELY COVERED WITH INSULATION

PLYWOOD DECKING

SWING JOINT @ MODULAR CROSS OVER CONNECTION ROOF TRUSSES

DRYWALL - TYP.

BRANCH LINES

TYCO CONCEALED RESIDENTIAL SPRINKLERS

F.S. RISER (BEYOND) SEE DETAIL THIS SHEET

SUPPLY PIPE (BEYOND)

FIN. FLOOR

U.G. BY OTHERS

#12 x 1" WOOD SCREWS

PIPE STRAP

PIPE

WOOD JOIST OR TRUSS CHORD

SIDE MOUNT PIPE STRAP DETAIL NOT TO SCALE

#18 x 1-1/2" WOOD SCREWS

PIPE

PIPE STRAP

WOOD JOIST OR TRUSS CHORD

SIDE MOUNT PIPE STRAP DETAIL NOT TO SCALE

