

B

Type

Plans

BLD17-1794

Permit Number

1919

Street Number

JANERO DR.

Street Name

SRO

Community Code

125-192-017

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: DeAnna Stewart Date Applied: 2/22/17

INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: 1919 Janico Dr City: Santa Rosa CA ZIP: 95407
 Cross-Street: Stony Point APN: 25-192-017 Project Phone #: (707) 303-7913 Project Fax #: ()
 Directions: _____ Email address: tl53@sbcglobal.net Unit # _____ Lot # _____
 Describe Project: Prefab Workshop Metal Living Area: 500 S.F. Contract Price: _____
 Garage _____ Decks _____

OWNER NAME AND ADDRESS

APPLICANT NAME AND ADDRESS

Name: Same Name: Same
 Mailing Address: _____ Mailing Address: _____
 City: _____ State: _____ ZIP: 95407 City: _____ State: _____ ZIP: _____
 Day Ph: 707 303-7913 Fax: () Day Ph: () Fax: ()

CONTRACTOR INFORMATION

OTHER PERSONS (ARCHITECT, ENGINEER, ETC.)

Company Name: _____ Name: _____
 Address: _____ Address: _____
 City: _____ State: _____ ZIP: _____ City: _____ State: _____ ZIP: _____
 Day Ph: () Fax: () Day Ph: () 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 Contractor's 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 Contractor's 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 Contractor's 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.sosinfo.ca.gov/calaw.html>.

Date: 4/25/17 Signature of Property Owner or Authorized Agent: [Signature]

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 Worker's Compensation law, this permit shall be deemed revoked.

PERMITTEE SIGNATURE: [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 _____

License No. _____ Exp. Date: _____

By: _____ Date: 4-28-17
 Conditions: NO VALLEY OAKS TO BE REMOVED
BE TAXED TO BE REMOVED
BE BK. 59, A. 19, Lot 25
NO. AS PER SEC 26.26-030(F)(7)

Approved by: _____ Date: _____

Road Encroachment: Fees Paid

Approved by: _____ Date: _____

Septic System Permit/Clearance # _____

Approved by: _____ Date: _____

Flood Zone: Yes No 100 Year Flood Elevation: _____

Site Review

Drainage Review: [Signature] Date: 04/25/17

Fire: _____

Code Enforcement Violation Yes No Violation # _____

This permit is limited to _____ days.

Work Authorized: New Workshop

Plans Approved Post FIRM Alquist Priolo Report Available
 No Plans Subject to Field Inspection Pre FIRM Geotechnical report Available

Plan Check Date: 05/26/17 Type of Construction: UB Occupancy: U No. of Stories: 1 No. of Bedrooms: 1

Permit Cleared for Issuance By: SH 5/30/17 Auto. Fire Sprinklers Req'd: _____ No. of Units: _____ Certificate of Occupancy: _____

Permit and Resource Management Department
 County of Sonoma
 MAY 31 2017
 PERMIT AND RESOURCE MANAGEMENT DEPARTMENT
 COUNTY OF SONOMA

JOB ADDRESS: _____
 PERMIT NUMBER: BUD17-1794
 INSPECTION AREA: 3

131) SPECIAL INSPECTION REQUIRED		<input checked="" 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				
WALLS				
106) UFER GROUND # ?	8-7-14	TA		
104) CAISSONS/PIERS				
105) SLAB & EDU.	6-1-17	Y		
107) UNDERGROUND UTILITIES	8-23-12	TA		
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				
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	8-23-17	TA	<input checked="" type="checkbox"/> NEED TO INSPECT CONNECTION @ SERVICE PANEL @ FINAL OK 8/29/17 MK	
123) ROUGH MECHANICAL				
124) ROUGH PLUMBING				
128) ROUGH FRAME				
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			650) SUSMP INSPECTION	
144) WATER TANKS			651) NPDES EROSION COMPLIANCE	
<input type="checkbox"/> SLAB	<input type="checkbox"/> WALLS		652) NPDES SEDIMENT COMPLIANCE	
170) TEMPORARY OCCUPANCY			653) NPDES DOCS/SWPPP	
171) TEMPORARY ELECTRICAL			FIRE INSPECTION REQUIRED	DATE NAME
172) TEMPORARY GAS			<input type="checkbox"/> Yes <input type="checkbox"/> No	
174) ELECTRIC METER AUTHORIZATION			759) KNOX BOX	
152) PANEL BOARDS/SERVICE			760) PROPANE TANK HOLD DOWNS	
189) SEPTIC ELECTRIC FINAL			770) SPRINKLER FINAL	
175) GAS METER AUTHORIZATION			771) ABOVEGROUND HYDROSTATIC	
153) GAS PRESSURE TEST			772) UNDERGROUND HYDROSTATIC	
HOUSE YARD			773) UNDERGROUND FLUSH	
190) MANUF. HOME FOUNDATION			774) THRUST BLOCKS	
191) MANUF. HOME INSTALLATION			775) PIPE WELD	
CONTINUITY			776) HYDRANTS/APPLIANCES	
STAIRS/SKIRTS			777) PUMP ACCEPTANCE	
RIDGE BOLTING			778) WATER SUPPLY/TANK	
193) MANUF. HOME COND. FINAL			779) ALARM SYSTEM	
SWIMMING POOLS			780) HOOD & DUCT SYSTEM	
194) PRE-GUNITE			781) ABOVEGROUND TANK/DISPENSER	
195) PRE-DECK			198) FIRE FINAL	
196) PRE-PLASTER/FENCE			CLEARANCES:	
197) VINYL/FIBERGLASS POOL EXCAVATION			FIRE <input type="checkbox"/> Local <input type="checkbox"/> County	
102) GRADING FINAL			HEALTH DEPARTMENT	
176) ELECTRICAL FINAL	8/29/17	MK	ZONING	
177) MECHANICAL FINAL			SANITATION	
178) PLUMBING FINAL				
199) (FINAL *)	9/18/17	MK		
OCCUPANCY (OK TO OCCUPY)			PLAN RETENTION REQUIRED?	<input type="checkbox"/> Yes <input type="checkbox"/> No

PERMIT # B017-1794

Special Inspection Item

Date 6/27/17
M T W T F S S

Partial Report Final Report

Job # _____

Project Name NEW WORKSHOP

Weather SUNNY

Project Street 1919 JANERO DR

Contractor OWNER/BUILDER

Project City SANTA ROSA

Subcontractor _____

Plan Author PACIFIC METAL

Plan Date 3/22/17

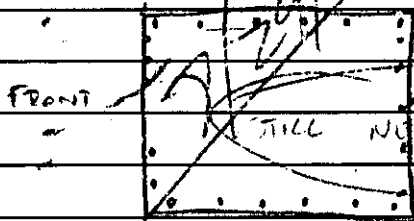
Permit No. BLD17-1794

Sheet Referenced 1-7 & SITE PLAN

- | | | |
|---|--|--|
| <input type="checkbox"/> Reinforcement Steel | <input type="checkbox"/> Structural Masonry | <input type="checkbox"/> Drilled Piers |
| <input type="checkbox"/> Concrete Placement | <input type="checkbox"/> Grout | <input type="checkbox"/> Nailing |
| <input type="checkbox"/> PT Steel | <input type="checkbox"/> Pachometer Testing | <input type="checkbox"/> Field Welding |
| <input type="checkbox"/> PT Tendon Placement | <input type="checkbox"/> High Strength Bolting | <input type="checkbox"/> Shop Welding |
| <input type="checkbox"/> PT Tendon Tensioning | <input type="checkbox"/> Drain Inspection | <input type="checkbox"/> UT Welding |
| <input type="checkbox"/> Epoxy Dowels | <input type="checkbox"/> Foundation Excavation | <input checked="" type="checkbox"/> Other WEDGE ANCHORS/BOLTS |

- Each special inspection work item noted above has been completed.
- The following described portion of the above special inspection work item has been completed.
- Work requiring correction.

ONSITE TO PERFORM SPECIAL INSPECTION
OF INSTALL OF WEDGE ANCHORS FOR THE
LIGHT WEIGHT METAL BUILDING ANCHORAGE
TO EXISTING CONCRETE SLAB. THE ANCHORS
CONSIST OF 1/2" DIA ALLTHREAD, 7" LONG.



WEDGE ANCHOR
22 EACH ANCHORS WERE INSTALLED (★)

Based on observation of the construction procedures and associated test results, it is our opinion that the special inspection item observed and tested was performed in general conformance with applicable portions of Section 1704 of the current edition of the California Building Code and the approved project plans and specifications, except as noted above. Non-conforming or rejected portions of the item were reworked, repaired or replaced and reinspected for conformance. Non-conforming or rejected portions which did not receive a Record of Correction were reported to the Contractor, Owner, Design Consultant and applicable building department.

Field Services Manager

Field Technician/Special Inspector

Signature _____

Signature Greg Bowley

Full Name Printed _____

Full Name Printed GREG BOWLEY

PJC & Associates, Inc.

Main Office: 600 Martin Ave, Suite 210, Rohnert Park, CA 94928 • 707-584-4804 phone • 707-584-4811 fax
 Sonoma Branch: PO Box 469, Sonoma, CA 95476 • 707-935-3747 phone • 707-935-3587 fax

125-192-017

SITE EVALUATION SHEET

Address 1919 JANERO DR (BEL) PC# BLD17-1794

Inspector D BARNETT Date 5/16/17

The proposed construction appears to be located in: CALL AHEAD 303-7913

Flood Hazard:

X

<input type="checkbox"/> FIRM Flood Zone (ASFH) BFE = _____ ft. NAVD.	<input type="checkbox"/> Portions of property in flood zone but project site not in flood zone.
Lowest finish floor at 12 above BFE = _____ ft. NAVD.	<input type="checkbox"/> Building is in FIRM Floodway.
<input type="checkbox"/> Design for moving water is recommended	<input type="checkbox"/> Main building on site is Post-FIRM.
Section _____ is _____ Ft/sec	<input type="checkbox"/> Sensitive drainage area, review by drainage section recommended.
Section _____ is _____ Ft/sec	<input checked="" type="checkbox"/> Appears to be a "substantial improvement" (40%), therefore flood regulations apply.
<input type="checkbox"/> Area subject to flooding (not on adopted FIRM).	<input type="checkbox"/> Located inside the Laguna de Santa Rosa below elevation of 75 ft (Ordinance #4906).
<input type="checkbox"/> Project is on flood zone major damage list.	
<input checked="" type="checkbox"/> Flood Prone Urban Area defined by Ordinance #4906.	

Geo-technical:

<input checked="" type="checkbox"/> Area of suspected slides, slumps, earth flow, or soil creep. (a)	<input type="checkbox"/> Area without recommended setback from stream (Drainage Division recommendations).
<input type="checkbox"/> Area of previous fill placement. (g)	<input type="checkbox"/> Area of high moisture content in soil. (f)
<input type="checkbox"/> Area of suspected expansive soil. (c)	<input type="checkbox"/> Area subject to high erosion (water or wind).
<input type="checkbox"/> Area without sufficient slope setback as set forth in UBC Section 1806. (b)	<input type="checkbox"/> Area of soft soil due to past deep ripping or cultivation below minimum foundation depth. (h)
<input checked="" type="checkbox"/> Area subject to possible liquefaction. (e)	<input type="checkbox"/> Area within 1000 feet of a solid waste disposal site.
<input type="checkbox"/> Area of suspected soft, compressible, or organic soil with low bearing capacity.	<input type="checkbox"/> Non exempt structure per tech bulletin B-28.
Soils Investigation:	Required <input type="checkbox"/> Included <input type="checkbox"/> Available <input type="checkbox"/> Not Required <input checked="" type="checkbox"/>

Geologic:

<input type="checkbox"/> Located in the Alquist-Priolo Special Studies Zone.	<input type="checkbox"/> Geologic report required (see CGS Publication 42).
--	---

Seismic:

Seismic Design Category (SDC) <input checked="" 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"/> Indications of existing substandard conditions that are not addressed by the proposed construction.
<input type="checkbox"/> Existing electric meter must be replaced.	<input type="checkbox"/> Indications of past work done without a permit.
<input type="checkbox"/> Existing gas meter must be replaced.	<input type="checkbox"/> Grading permit required for road, driveway, or site preparation.

Wind:

Slope is <u>45%</u>	<input checked="" type="checkbox"/> Site is likely to be acceptable for conventional construction methods.
Exposure "B" Exposure "C" Exposure "D"	N.S.C. Air Pollution Control District..... <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Soils 2aA no issues
 moderate liquefaction
 Detached occupancy Metal Building
 500 sq. Ft.
 No Soils Report Required
 OK to Plan Check

Residential Statement of Special Inspections**

CNI-033R

Name of Owner:

DeAnna Stewart

Permit Number:

BLD17-1794

Address:

1919 Janero Dr. Santa Rosa, CA

Job Description:

New workshop

This Statement of Special Inspections is submitted to outline the requirements of 2016 CBC Chapter 17.

Included are:

- Schedule of special inspections and tests applicable to this project:
 - o Special inspections, per Section 1704 & 1705
 - o Special inspection for seismic resistance, per Sections 1704.3.2, 1705.12, 1705.13
 - o Structural observations, per Section 1704.6
 - o Material testing and/or load testing, per Sections 1706 through 1709
- List of the special inspector, testing agencies, and registered design professionals that will be retained to conduct the applicable tests, observations, and testing required.
- Contractor's statement of responsibility, per Section 1704.4

Special inspections and testing, and structural observations, shall be performed in accordance with the approved plans and specifications, this statement, approved testing procedures, applicable listing information for fabricated items, and CBC Section 17.

The Schedule of Special Inspections summarizes the special inspections and tests required. Special inspectors shall refer to the approved plans and specifications for detailed special inspection requirements. Any additional tests or observations required by the approved plans, specifications, or required by the building official shall also be performed.

Interim reports will be submitted to the building official and the registered design professional in responsible charge, in accordance with CBC Section 1704.2.4.

At the conclusion of work included in the permit, a report of special inspections and structural observations shall be submitted to the building inspector. This final report shall document:

- Required special inspections
- Final results of structural testing
- Correction of discrepancies noted in inspections
- Written statement of structural observations, and identify any reported deficiencies which, to the best of the structural observer's knowledge, have not been resolved

This plan has been developed with the understanding that the building official shall:

- Review and approve the qualifications of special inspectors who shall perform inspections
- Review submitted inspection reports
- Perform inspections as required by the locally adopted building codes

Prepared By:

Registered Design Professional in Responsible Charge:

License Number:

Signature:

Date:

Owner's Authorizaton:

Owner:

Signature:

Building Official Approval:

BUILDING PLAN CHECK	
★ APPROVED ★	
MAY 26 2017	
PERMIT AND RESOURCE MANAGEMENT DEPARTMENT	

**This form is for Residential Structures and Accessory U-Occupancies. The inspections listed in this form are intended to represent special inspections most common to residential projects which include: wood frame structures, moment frames, pier and grade beam foundations, and geotechnical engineering. Form CNI-033 which includes all inspections from CBC Chapter 17 should be used for commercial permits and residential permits that include foundations other than shallow footings or pier and grade beams, permits to address code violations, alternate materials/methods, and construction materials other than wood or steel used to resist lateral loads (e.g. concrete and masonry).

Schedule of Inspections, Testing Agencies, and Inspectors

The following are the testing agencies, registered design professionals, and special inspectors that will be retained to conduct tests, inspections, and structural observations for this project:

Responsibility	Firm	Address, telephone, e-mail
1. Special Inspection (Except for geotechnical)		
2. Material Testing		
3. Geotechnical Inspections		
4. Structural Observations		

Seismic Requirements (Section 1704.3.2):

Identify the designated seismic systems and seismic-force-resisting systems subject to special inspections, per CBC Sections 1705.12. Identify any required testing and qualification for seismic resistance per CBC Section 1705.13.

Summary of Required Special Inspections, Structural Testing, and Structural Observations:

Brief description of required special inspections and structural observations for this project. Full schedule of inspections are those that are checked off on the following pages. Include additional sheets as necessary to identify frequency and extent of structural observations.

<p>Special Inspections:</p> <div style="border: 1px solid black; padding: 5px; min-height: 150px;"> <p>Mechanical anchors</p> </div>	<p>Structural Observations:</p> <div style="border: 1px solid black; height: 150px; width: 100%;"></div>
---	---

Schedule of Special Inspections

Column headers:

- C = Full-time observation of work by an approved special inspector while the work is being performed.
- P = Intermittent observation of work by an approved special inspector where the work has been performed and at the completion of work.

Box entries:

- X = Is placed in the appropriate column denoting either "C" continuous or "P" periodic inspections.
- = Denotes an activity that is either a one-time activity or whose frequency is defined in some other manner.

Notes/Referenced Standards: Indicates the applicable reference standard applicable to the criteria, method and

Additional details regarding inspections and tests are provided in the project specifications or notes on the drawings.

Verification and Inspection		C	P	✓ if Req'd	Notes/Referenced standards
1704.2.5 & 1705.10 -Fabricated Items					
1.	Fabrication and implementation	--	--	<input type="checkbox"/>	
2.	Fabricator approval and certificate of compliance	--	--	<input type="checkbox"/>	CBC 1704.2.5.1
1704.6 - Structural Observations					
1.	Prior to the commencement of observations, the structural observer shall submit to the building official a written statement identifying the frequency and extent of structural observations	--	--	<input type="checkbox"/>	
2.	At the conclusion of work included in the permit, the structural observer shall submit to the building official a written statement that the site visits have been made and identify any reported deficiencies which have not been resolved	--	--	<input type="checkbox"/>	
3.	Structural observations for seismic resistance	--	--	<input type="checkbox"/>	CBC 1704.6.1
1705.1.1 – Special Cases:					
1.	Construction materials and systems that are alternatives to materials and systems prescribed by the applicable code	--	--	<input type="checkbox"/>	
1705.2 – Steel Construction, Quality Assurance per AISC 360					
1.	Fabricator and erector documents (Verify reports and certificates as listed in AISC 360, chapter N, paragraph 3.2 for compliance with construction documents. Includes structural steel, castings, forgings, fasteners, rods, welding, anchors, braces, stiffeners, member locations, joint details, etc.)		X	<input type="checkbox"/>	AISC 360: Chapter N
2.	Identification markings for structural steel materials conform to ASTM standards specified in the approved construction documents (e.g. structural shapes, castings, forgings, bolts, washers, nuts, rods, consumables for welding, anchors, etc.)		X	<input type="checkbox"/>	AISC 360: A3
3.	Embedments (Verify diameter, grade, type, length, and depth of embedded item)		X	<input type="checkbox"/>	AISC 360: N5.7
4.	Verify compliance with details on the construction documents, such as braces, stiffeners, member locations, and proper application of joint details at each connection.		X	<input type="checkbox"/>	AISC 360: N5.7

5. Structural Steel Welding:				
a. Inspection tasks Prior to Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-1).	Random Basis (O) or Each Joint or Member (P) per applicable table	<input type="checkbox"/>	See form CNI-033A Statement of Special Inspections Steel Appendix.	
b. Inspection tasks During Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-2).		<input type="checkbox"/>		
c. Inspection tasks After Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-3).		<input type="checkbox"/>		
d. Nondestructive Testing (NDT) of welded joints:			AISC 360: N5.5	
1) Complete penetration groove welds 5/16" or greater in risk category III or IV.		X	<input type="checkbox"/>	N5.5b
2) Complete penetration groove welds 5/16" or greater in risk category II.		X	<input type="checkbox"/>	N5.5b
3) Thermally cut surfaces of access holes when material $t > 2"$.		X	<input type="checkbox"/>	N5.5c
4) Welded joints subject to fatigue when required by AISC 360, App. 3, Table A-3.1.		X	<input type="checkbox"/>	N5.5d
5) Fabricator's NDT reports when fabricator performs NDT.		X	<input type="checkbox"/>	N5.5g

6. Inspection of High-Strength Bolting				
a. Inspection tasks Prior to Bolting (Observe, or perform tasks for each bolted connection, in accordance with QA tasks listed in AISC 360, Table N5.6-1).	Random Basis (O) or Each Joint or Member (P) per applicable table.	<input type="checkbox"/>	See N5.6 for exceptions based on installation method. See form CNI-033A Statement of Special Inspections Steel Appendix.	
b. Inspection tasks During Bolting (Observe the QA tasks listed in AISC 360, Table N5.6-2):		<input type="checkbox"/>		
1) Pre-tensioned and slip-critical joints.		<input type="checkbox"/>		
2) Snug-tight joints		<input type="checkbox"/>		
c. Inspection tasks After Bolting (Perform tasks for each bolted connection in accordance with QA tasks listed in AISC 360, Table N5.6-3).		<input type="checkbox"/>		

Table 1705.3 – Concrete Construction				
1. Inspection reinforcement, including prestressing tendons, and verify placement.		X	<input type="checkbox"/>	ACI 318 Ch. 20, 25.2, 25.3, 26.5.1-26.5.3, CBC 1908.4
2. Reinforcing bar welding:				
a. Verify weldability of reinforcing bars other than ASTM A706		X	<input type="checkbox"/>	AWS D1.4, ACI 318: 26.5.4, CBC 1708.3.1
b. Inspect single-pass fillet welds; maximum 5/16"		X	<input type="checkbox"/>	
c. Inspect all other welds	X		<input type="checkbox"/>	
3. Inspect anchors cast in concrete		X	<input type="checkbox"/>	ACI 318: 17.8.2
4. Inspect anchors post-installed in hardened concrete members (see footnote b. Table 1705.3)				
a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X		<input type="checkbox"/>	ACI 318: 17.8.2.4
b. Mechanical anchors and adhesive anchors not defined in 4.a		X	<input checked="" type="checkbox"/>	ACI 318: 17.8.2
5. Verify use of required design mix		X	<input type="checkbox"/>	ACI 318: Ch. 19, 26.4.3, 26.4.4, CBC 1904.1, 1904.2, 1908.2, 1908.

6.	Prior to concrete placement, fabricate specimens for strength tests, preform slump and air content tests, and determine the temperature of the concrete.	X		<input type="checkbox"/>	ASTM C172, ASTM C31, ACI 318: 26.4.5, 26.12, CBC 1908.10
7.	Inspect concrete and shotcrete placement for proper application techniques.	X		<input type="checkbox"/>	ACI 318: 26.4.5, CBC 1908.6, 1908.7, 1908.8
8.	Verify maintenance of specified curing temperature and techniques		X	<input type="checkbox"/>	ACI 318: 26.4.7-26.4.9, CBC 1908.9
9.	Inspect prestressed concrete for:				
a.	Application of prestressing forces; and	X		<input type="checkbox"/>	ACI 318: 26.9.2.1
b.	Grouting of bonded prestressing tendons	X		<input type="checkbox"/>	ACI 318: 26.9.2.3
10.	Inspect erection of precast concrete members		X	<input type="checkbox"/>	ACI 318: Ch. 26.8
11.	Verify in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs		X	<input type="checkbox"/>	ACI 318: 26.10.2
12.	Inspect formwork for shape, location, and dimensions of the concrete member being formed.		X	<input type="checkbox"/>	ACI 318: 26.10.1 (b)
13.	Material tests in absence of sufficient data or documentation	--	--	<input type="checkbox"/>	CBC 1705.3.2

Table 1705.6 – Verification and Inspection of Soils

1.	Verify materials below shallow foundations are adequate to achieve the design bearing capacity		X	<input type="checkbox"/>	
2.	Verify excavations are extended to proper depth and have reached proper material		X	<input type="checkbox"/>	
3.	Perform classification and testing of compacted fill materials		X	<input type="checkbox"/>	
4.	Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill	X		<input type="checkbox"/>	
5.	Prior to placement of compacted fill, observe subgrade and verify that site has been prepared properly	X		<input type="checkbox"/>	

Table 1705.8 – Verification and Inspection of Cast-in-place Deep Foundation Elements

1.	Inspect drilling operations and maintain complete and accurate records for each element	x		<input type="checkbox"/>	
2.	Verify placement locations and plumbness, confirm element diameters, bell diameters, lengths, embedment into bedrock and adequate end-bearing strata capacity. Record concrete or grout volumes	x		<input type="checkbox"/>	
3.	For concrete elements, perform additional inspections in accordance with Section 1705.3	--	--	<input type="checkbox"/>	

1705.9 – Helical Pile Foundations

<p>1. Continuous inspection is required during installation of helical pile foundations. Record installation equipment used, pile dimensions, tip elevations, final depth, final installation torque, and other pertinent data as required. The approved geotechnical report and construction documents shall be used to determine compliance.</p>	X		<input type="checkbox"/>	
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1705.12 – Verification and Inspection for Seismic Resistance

<p>1. Structural Steel:</p>			<p>CBC 1705.12.1, AISC 341; Chapter J Quality Control and Quality Assurance</p>	
<p>a. Seismic force-resisting systems, 1705.12.1.1: Joint Details, Connection Details, Welding, Nondestructive Testing, High-strength bolting, Composite Structures, Piling, Etc.</p>	<p>See form CNI-033A Statement of Special Inspections Steel Appendix</p>	<input type="checkbox"/>		
<p>b. Structural steel elements, 1705.12.1.2: inspection of steel elements in the seismic force-resisting system not covered in 1705.12.1.1, including struts, collectors, chords, foundation elements, etc.</p>		<input type="checkbox"/>		
<p>2. Structural Wood:</p>			<p>CBC 1705.12.2</p>	
<p>a. Inspection of field gluing operations of elements of the seismic-force resisting system.</p>	X		<input type="checkbox"/>	
<p>b. Nailing, bolting, fastening, and other fastening of components within the seismic-force-resisting system, where the fastener spacing of the sheathing is 4 inches or less on center.</p>		X	<input type="checkbox"/>	
<p>3. Cold-formed steel special bolted moment frames</p>		X	<input type="checkbox"/>	

1705.13 – Testing and Qualification for Seismic Resistance

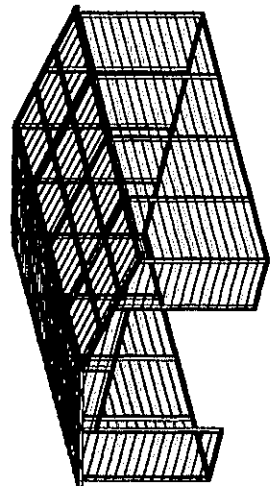
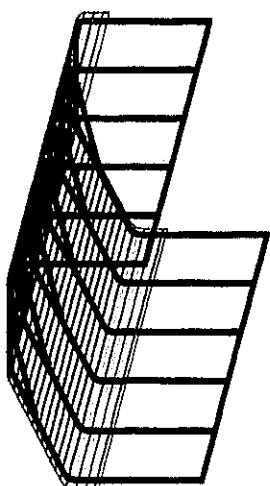
<p>1. Structural Steel: Nondestructive testing for Seismic force-resisting systems per 1705.13.1.1 and/or Structural steel elements per 1705.13.1.2</p>	<p>See form CNI-033A Statement of Special Inspections Steel Appendix</p>	<input type="checkbox"/>	<p>CBC 1705.13.1, AISC 341</p>
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Contractor Responsibility

Per Section 1704.4, each contractor responsible for the construction of a main seismic-force resisting system, designated seismic system or a seismic-resisting component listed in the Statement of Special Inspections shall submit a written statement of responsibility to the building official and the owner **prior to the commencement of work** on the system or component. The contractor's statement of responsibility shall contain acknowledgement of

Each contractor responsible for the construction of the applicable system or component as specified above shall use the following lines to enter their name, signature, company, license number, date, and particular system or component that they are taking responsibility for prior to commencement of work on the indicated system or component. A copy of this page shall be presented to the building official, and it is the contractor's responsibility to also provide the owner a copy of this document.

Name:	
Signature:	
Company:	
License Number:	
Date:	



TOM AND DEANNA STEWART
 1919 JANERO DRIVE
 SANTA ROSA, CA 95407
 20' X 26' X 11'

DESIGN NOTES

- ALL CONSTRUCTION SHALL BE PROVIDED IN ACCORDANCE WITH CBC 2016, IBC 2015, ASCE 7-10, OSHA, AISC 360, AISI 100, AWS D 1.3 CODES AND ALL APPLICABLE LOCAL REQUIREMENTS.
- BASE CONNECTIONS SHALL BE PROVIDED AS SHOWN ON FOUNDATION DETAILS SHEET.
- ALL MATERIALS IDENTIFIED BY MANUFACTURER NAME MAY BE SUBSTITUTED WITH MATERIAL EQUAL OR EXCEEDING ORIGINAL.
- ALL SHOP CONNECTIONS SHALL BE WELDED CONNECTIONS.
- ALL FIELD CONNECTIONS SHALL BE #12 (1/4"x1") (ESR-2196) OR APPROVED EQUAL.
- STEEL SHEATHING SHALL BE 29GA. CORRUGATED GALV. OR PAINTED STEEL - MAIN RIB HT. 3/4" (FY=60KSI) OR EQ.
- ALL STRUCTURAL LIGHT GAUGE TUBING AND CHANNELS SHALL BE GRADE 50 GALV. STEEL.
- STRUCTURAL TUBE T52 1/2"x2 1/2" - 14GA. IS EQUIVALENT TO T52 1/4"x2 1/4" - 12GA AND EITHER ONE MAY BE USED IN LIEU OF THE OTHER.
- 12GA IS DEFINED AS 0.109" THICKNESS. 14GA IS DEFINED AS 0.083" THICKNESS. 26GA IS DEFINED AS 0.019" THICKNESS. 29GA IS DEFINED AS 0.015" THICKNESS.

DESIGN CRITERIA

- PREVAILING CODE: CBC 2016 (IBC 2015)
 USE GROUP: U (CARPORTS, BARN)
 RISK CATEGORY: I
- DEAD LOAD (D) D = 2.0 PSF
 - ROOF LIVE/SNOW LOAD (L_r) L_r = 20 PSF
 - SNOW LOAD (S) P_g = 0 PSF
 IMPORTANCE FACTOR I_s = 0.80
 THERMAL FACTOR C_t = 1.2
 EXPOSURE FACTOR C_e = 1.0
 ROOF SLOPE FACTOR C_s = 1.0
 - WIND LOAD (W) Vult = 105 MPH
 DESIGN WIND SPEED C
 EXPOSURE D
 SEISMIC LOAD (E) I = 0.4/0.6
 DESIGN CATEGORY D
 IMPORTANCE FACTOR I_e = 1.00

DRAWING INDEX

- COVER SHEET
- ELEVATIONS
- FOUNDATION DETAILS
- FLOOR PLAN & DETAILS
- FRAME SECTION & DETAILS
- SIDE WALL FRAMING & DETAILS
- END WALL FRAMING
- END WALL DETAILS

BUILDING PLAN CHECK

APPROVED

MAY 26 2017

PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

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OWNER: TOM AND DEANNA STEWART
 LOCATION: 1919 JANERO DRIVE SANTA ROSA, CA 95407
 SHEET TITLE: COVER SHEET
 PROJECT NO.: 232-17-0358
 DRAWN BY: AA
 DATE: 3/22/2017
 SHEET NO.: 1 OF 7



270 Old Highway 99
 Maxwell, CA 95955
 1-877-604-2777

Pacific Metal Buildings Inc.

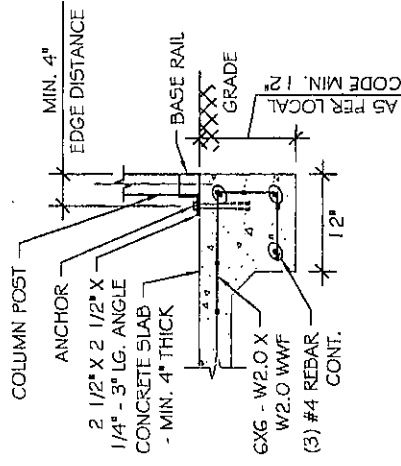
REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 OMAR A. ABU-YASEIN
 078889
 STATE OF CALIFORNIA

EXPIRES: 12/31/2018
 DATE SIGNED: MAR 22 2017

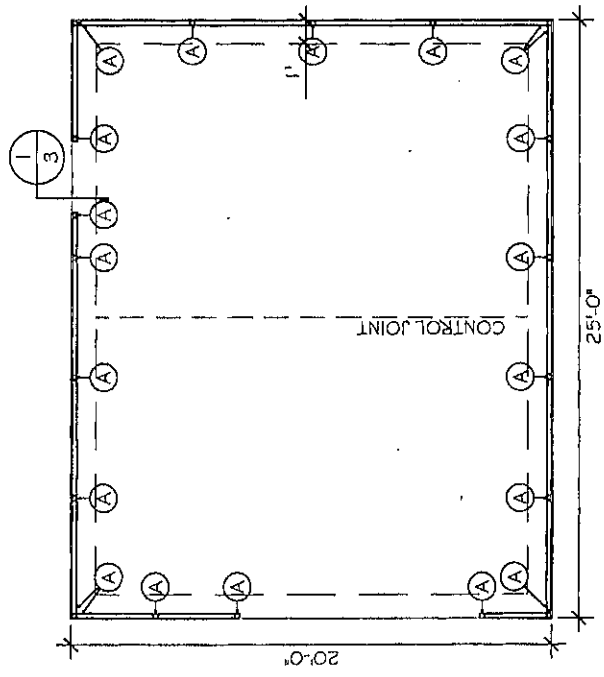
MEMBER PROPERTIES	
BASE RAIL	2 1/4" SQ. X 12GA TUBE
COLUMN POST	2 1/4" SQ. X 12GA TUBE
CONCRETE SLAB	
ANCHOR 'A'	1/2" Ø X 7" EXPANSION / WEDGE BOLTS - PER ESR-2526

FOUNDATION NOTES:

1. MIN. SLAB SIZE SHALL BE 20' X 25'
2. CONTROL JOINTS SHALL BE PLACED SO AS TO LIMIT MAX. SLAB SPANS TO 20' IN EACH DIRECTION.
3. CONCRETE ANCHORS SHALL BE LOCATED AS SHOWN ON THE FOUNDATION PLAN BELOW.
4. MIN ANCHOR SPACING TO BE 4'.
5. MIN. EMBEDMENT DEPTH OF ANCHORS TO BE 4 3/8" (EFFECTIVE EMBEDMENT 3.1007).
6. ANCHORS TO BE SPACED NO MORE THAN 6" FROM POSTS.
7. ALL ANCHORS TO BE A307 EQUIVALENT OR BETTER.
8. ANCHORS TO BE INSTALLED PER MANUFACTURERS REQ.
9. DEPTH OF SLAB TURN DOWN FOOTING SHALL BE GREATER THAN FROST DEPTH SPECIFIED PER LOCAL CODE.
10. ASSUMED SOIL BEARING CAPACITY IS TO BE A MIN. OF 1500 PSF.
11. CONCRETE STRENGTH TO BE A MIN OF 2500 PSI @ 28 DAYS.



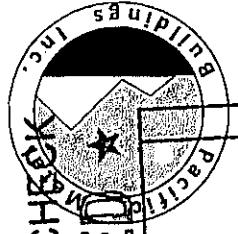
FOUNDATION DETAIL 1
SCALE: 1/2" = 1'



FOUNDATION PLAN
SCALE: 1/8" = 1'

OWNER: TOM AND DEANNA STEWART 1919 JANERO DRIVE SANTA ROSA, CA 95407	SHEET TITLE: FOUNDATION DETAILS CONCRETE SLAB	PROJECT NO.: 232-17-0358	DRAWN BY: AA	DATE: 3/22/2017	SHEET NO.: 3 OF 7
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270 Old Highway 99
Maxwell, CA 95955
1-877-604-2777



BUILDING PLAN CHECK
★ **APPROVED**
MAY 26 2017
PERMIT AND RESOURCE
MANAGEMENT DEPARTMENT

EXPIRES: 12/31/2018
DATE SIGNED: MAR 22 2017

DATE: 3/22/2017
 DRAWN BY: AA
 PROJECT NO.: 232-17-0358
 SHEET TITLE: FLOOR PLAN & ANCHORS
 OWNER: TOM AND DEANNA STEWART
 LOCATION: 1919 JANERO DRIVE SANTA ROSA, CA 95407

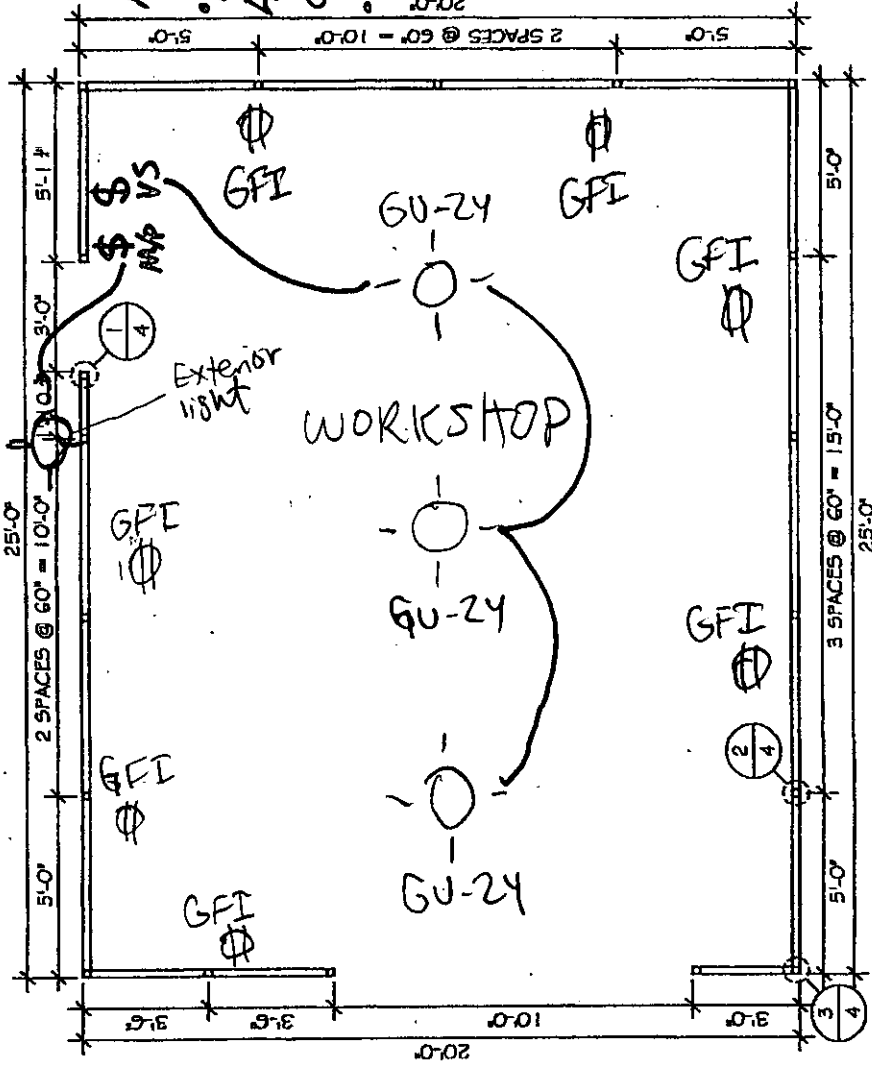
270 Old Highway 99
 Maxwell, CA 95955
 1-877-604-2777



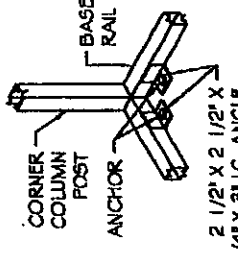
PERMIT AND RESOURCE
 MANAGEMENT DEPARTMENT

[Handwritten signatures]

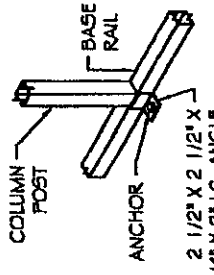
All lighting to be High Efficacy
 Ext. lights to have photo/motion control
 Int. lights to have manual on Vacancy Sensor



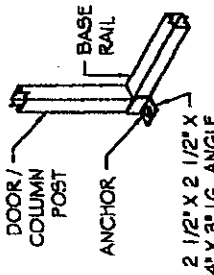
FLOOR PLAN
 SCALE: 3/16" = 1'



ANCHOR DETAIL 3
 SCALE: 3/8" = 1'



ANCHOR DETAIL 2
 SCALE: 3/8" = 1'



ANCHOR DETAIL 1
 SCALE: 3/8" = 1'